

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007233.D
 Acq On : 25 Jan 2019 17:08
 Operator : JC/SP
 Sample : VX0126WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:46 PM

Quant Time: Jan 28 00:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	489590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	714951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	659332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	253622	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	5.51	113	229603	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	847905	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	306217	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71326	17.741	ug/l	100
3) Chloromethane	1.33	50	83758	17.896	ug/l	99
4) Vinyl Chloride	1.41	62	91372	18.148	ug/l	99
5) Bromomethane	1.64	94	93211	17.328	ug/l	96
6) Chloroethane	1.73	64	60690	17.264	ug/l	95
7) Trichlorofluoromethane	1.93	101	153211	18.834	ug/l	94
8) Diethyl Ether	2.20	74	61371	18.963	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88518	18.175	ug/l	98
10) Methyl Iodide	2.51	142	132160	20.117	ug/l	99
11) Tert butyl alcohol	3.07	59	123027	101.930	ug/l	99
12) 1,1-Dichloroethene	2.38	96	80777	17.952	ug/l	97
13) Acrolein	2.30	56	51825	101.414	ug/l	98
14) Allyl chloride	2.73	41	146332	18.975	ug/l	98
15) Acrylonitrile	3.15	53	278790	100.618	ug/l	99
16) Acetone	2.45	43	248750	98.340	ug/l	98
17) Carbon Disulfide	2.57	76	170313	14.701	ug/l	100
18) Methyl Acetate	2.78	43	154013	21.025	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	308951	19.782	ug/l	99
20) Methylene Chloride	2.86	84	97209	19.864	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	89669	17.882	ug/l	95
22) Diisopropyl ether	3.87	45	285179	19.671	ug/l	97
23) Vinyl Acetate	3.82	43	1143859	93.557	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154432	19.050	ug/l	98
25) 2-Butanone	4.70	43	359668	99.374	ug/l	96
26) 2,2-Dichloropropane	4.59	77	108647	17.429	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	100346	18.142	ug/l	97
28) Bromochloromethane	5.02	49	63132	17.775	ug/l	97
29) Tetrahydrofuran	5.15	42	229831	97.712	ug/l	98
30) Chloroform	5.21	83	164738	19.409	ug/l	99
31) Cyclohexane	5.58	56	124863	17.305	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	137055	19.051	ug/l	98
36) 1,1-Dichloropropene	5.80	75	113671	18.287	ug/l	99
37) Ethyl Acetate	4.86	43	130023	19.511	ug/l	99
38) Carbon Tetrachloride	5.78	117	115290	18.435	ug/l	96

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Manual Integrations
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MMDadoda
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Quant Time: Jan 28 00:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134867	17.019	ug/l	97
40) Benzene	6.14	78	359483	18.953	ug/l	100
41) Methacrylonitrile	5.06	41	73795	19.222	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125998	19.224	ug/l	99
43) Isopropyl Acetate	6.46	43	207469	19.737	ug/l	97
44) Trichloroethene	7.21	130	105176	18.505	ug/l	94
45) 1,2-Dichloropropane	7.51	63	94128	19.740	ug/l	96
46) Dibromomethane	7.66	93	66415	19.819	ug/l	99
47) Bromodichloromethane	7.90	83	113121	19.831	ug/l	98
48) Methyl methacrylate	7.77	41	108570	20.113	ug/l	96
49) 1,4-Dioxane	7.75	88	53572	429.676	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	711126	105.268	ug/l	99
52) Toluene	8.79	92	235659	19.331	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	119193	18.844	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	133576	19.123	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102732	21.054	ug/l	98
56) Ethyl methacrylate	9.18	69	142932	20.065	ug/l	97
57) 1,3-Dichloropropane	9.37	76	162047	20.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	380682	103.941	ug/l	99
59) 2-Hexanone	9.49	43	544997	105.866	ug/l	98
60) Dibromochloromethane	9.58	129	96435	20.353	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107033	19.925	ug/l	100
64) Tetrachloroethene	9.34	164	112746	19.751	ug/l	96
65) Chlorobenzene	10.14	112	274154	19.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99003	20.465	ug/l	97
67) Ethyl Benzene	10.25	91	439817	18.526	ug/l	99
68) m/p-Xylenes	10.36	106	346696	37.067	ug/l	100
69) o-Xylene	10.70	106	169891	18.625	ug/l	95
70) Styrene	10.71	104	276941	19.169	ug/l	99
71) Bromoform	10.86	173	72533	19.902	ug/l	99
73) Isopropylbenzene	11.02	105	456254	19.357	ug/l	100
74) N-amyl acetate	10.90	43	185128	19.508	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150647	20.133	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	141949m	20.956	ug/l	
77) Bromobenzene	11.26	156	126683	19.506	ug/l	100
78) n-propylbenzene	11.36	91	498940	19.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	300002	19.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	375575	19.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35140	18.254	ug/l	91
82) 4-Chlorotoluene	11.51	91	346081	19.190	ug/l	100
83) tert-Butylbenzene	11.77	119	371606	18.911	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	389931	19.689	ug/l	99
85) sec-Butylbenzene	11.94	105	453182	19.311	ug/l	99
86) p-Isopropyltoluene	12.06	119	410272	19.545	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	224105	19.091	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	223362	20.169	ug/l	99
89) n-Butylbenzene	12.39	91	338964	18.943	ug/l	98
90) Hexachloroethane	12.60	117	59023	19.497	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	225338	19.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29303	19.801	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

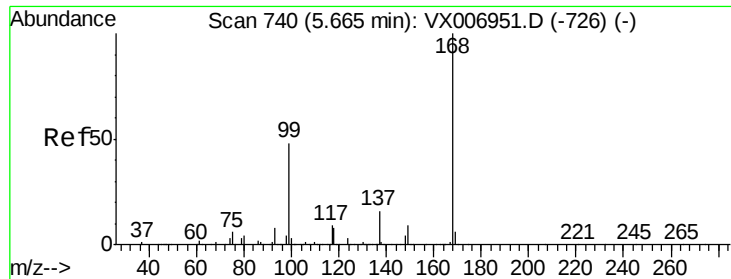
Manual Integrations
APPROVED

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1/28/2019 12:01:46 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	149607	18.824	ug/l	99
94) Hexachlorobutadiene	13.78	225	72970	20.690	ug/l	99
95) Naphthalene	13.83	128	470710	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	153929	19.497	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion:168 Resp: 489590

Ion Ratio Lower Upper

168 100

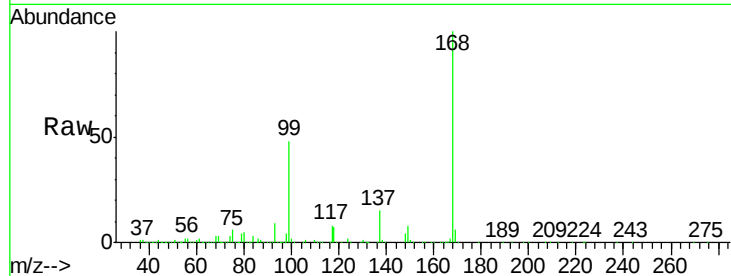
99 47.9 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

100000

50000

0

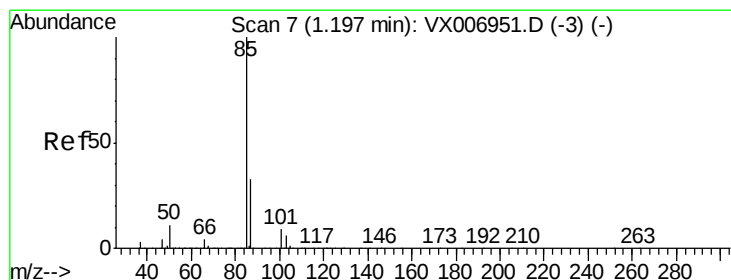
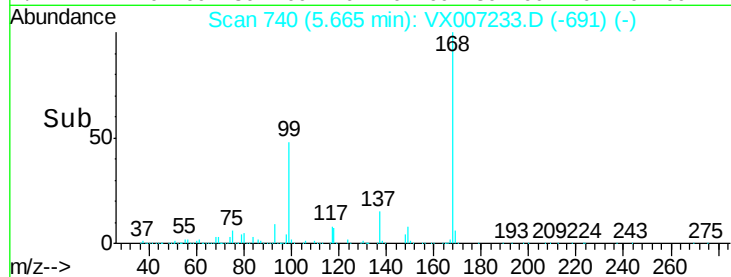
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.741 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007233.D

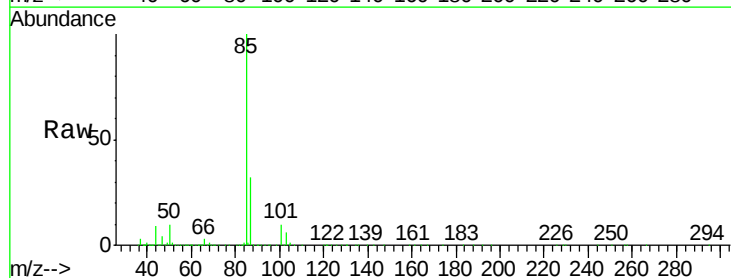
Acq: 25 Jan 2019 17:08

Tgt Ion: 85 Resp: 71326

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

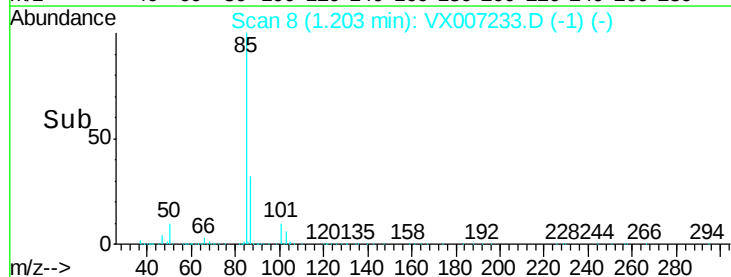
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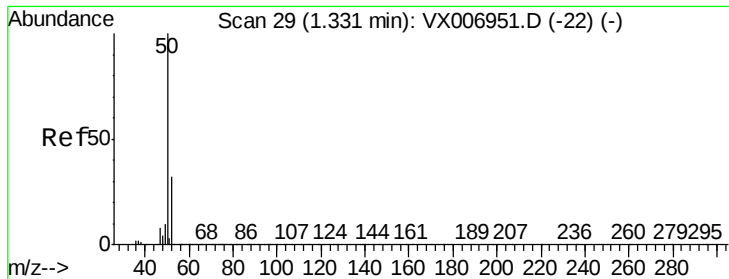
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.896 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 50 Resp: 83758

Ion Ratio Lower Upper

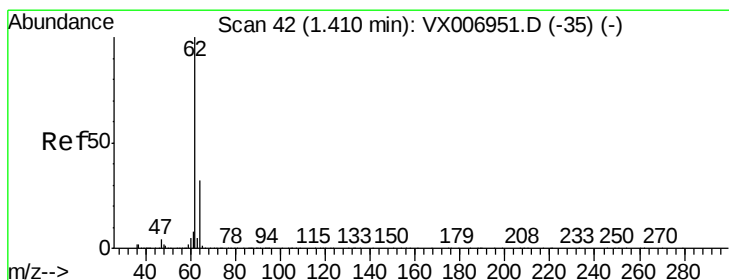
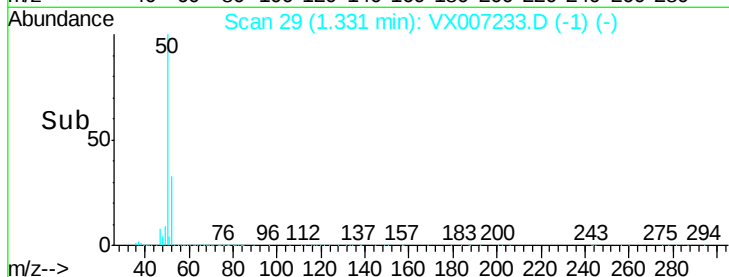
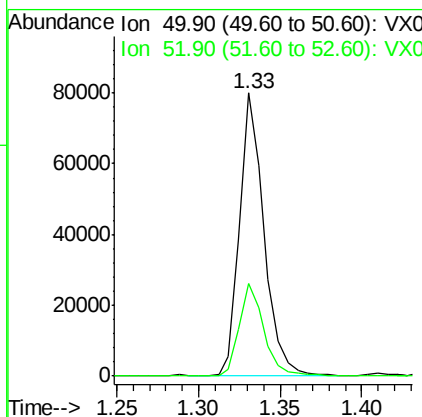
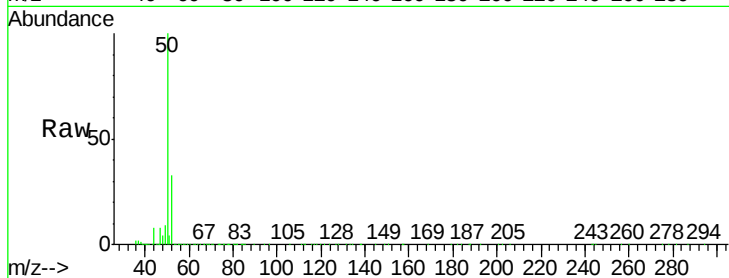
50 100

52 32.6 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.148 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007233.D

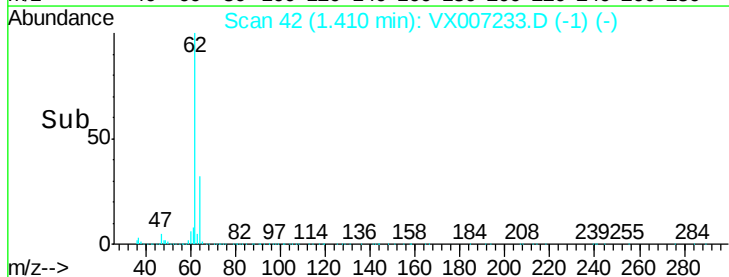
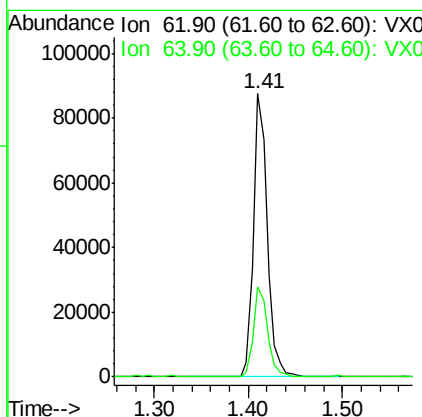
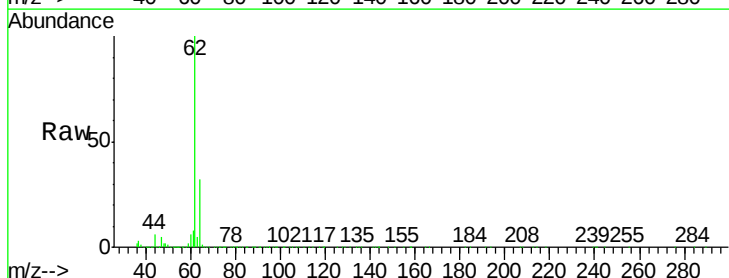
Acq: 25 Jan 2019 17:08

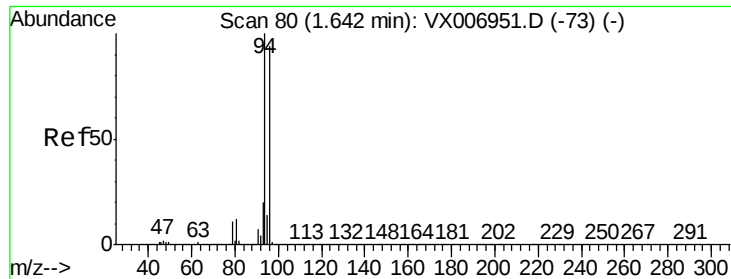
Tgt Ion: 62 Resp: 91372

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 17.328 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 94 Resp: 93211

Ion Ratio Lower Upper

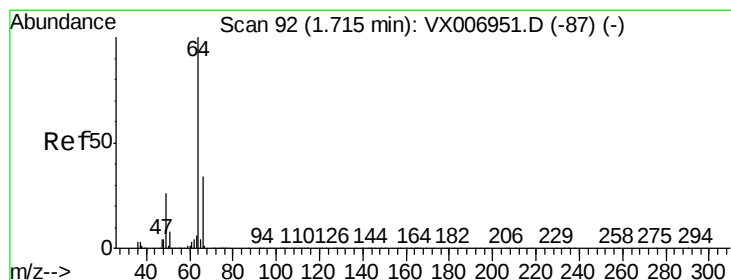
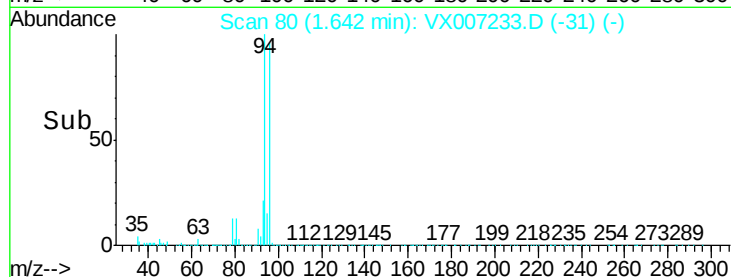
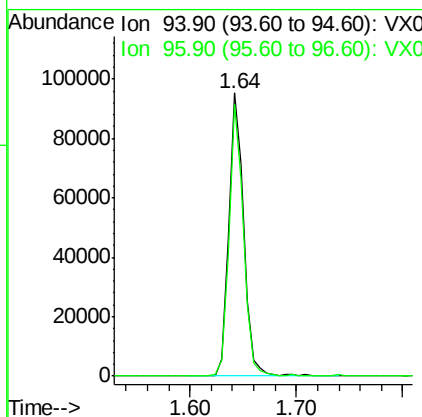
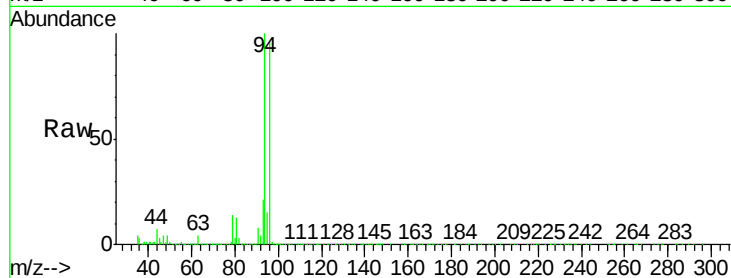
94 100

96 95.7 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 17.264 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007233.D

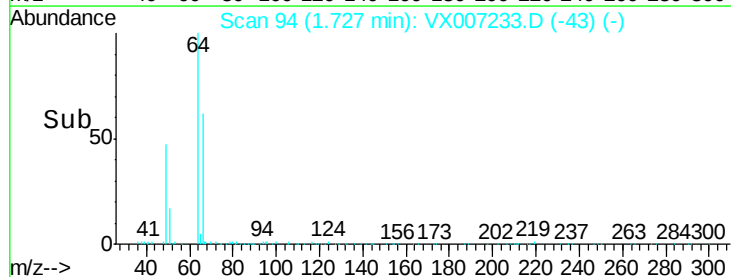
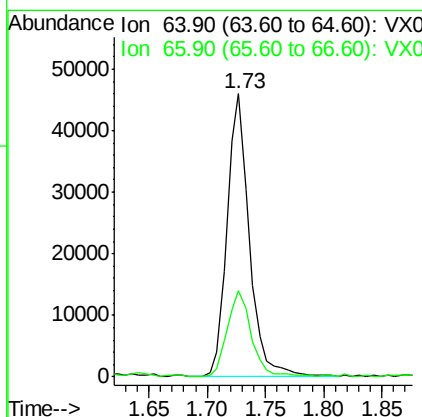
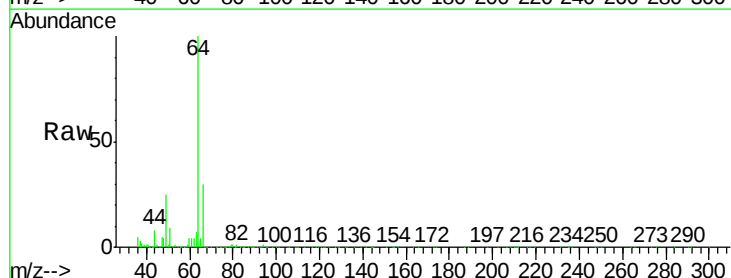
Acq: 25 Jan 2019 17:08

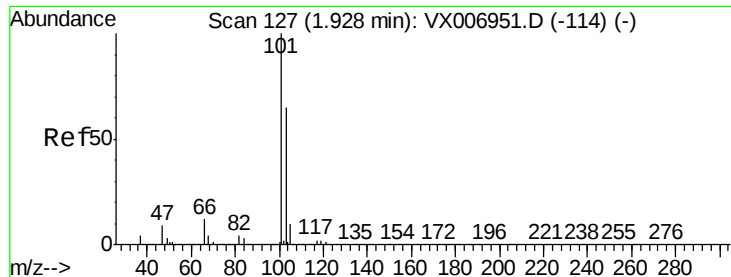
Tgt Ion: 64 Resp: 60690

Ion Ratio Lower Upper

64 100

66 30.2 26.4 39.6





#7

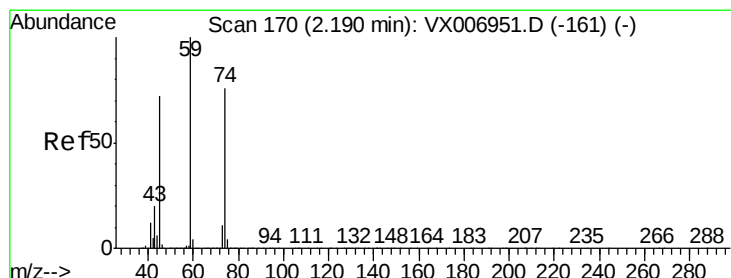
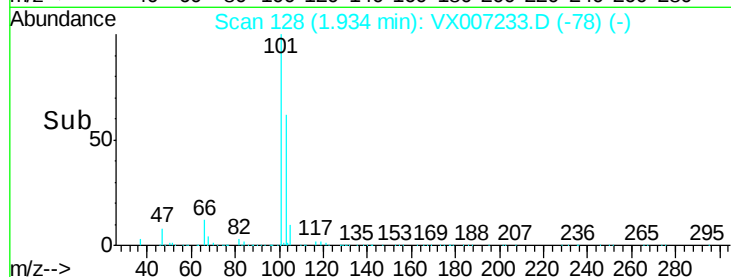
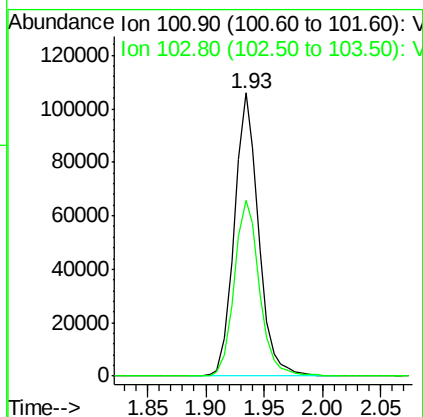
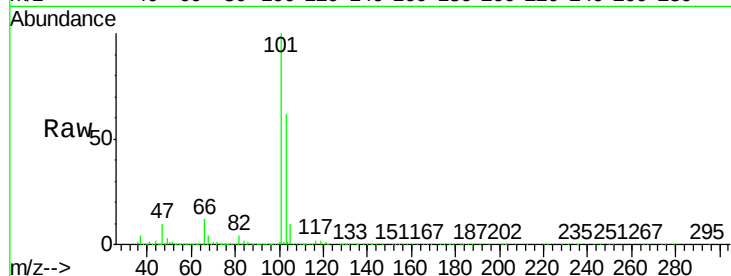
Trichlorofluoromethane
Concen: 18.834 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	53.2	79.8

Manual Integrations
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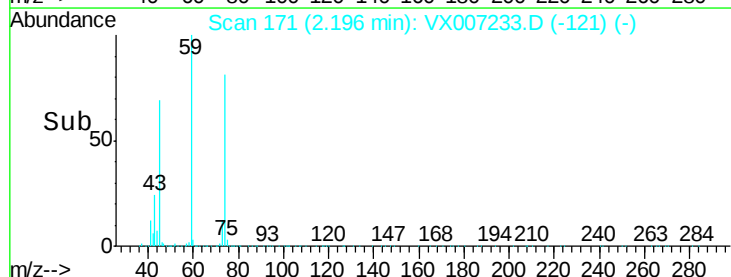
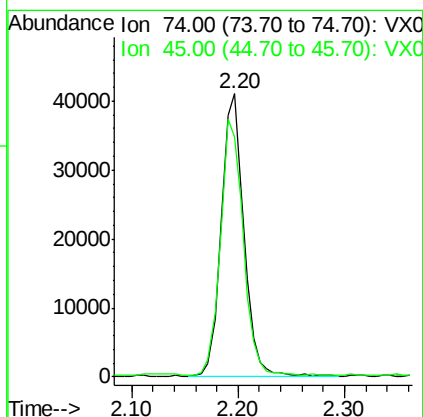
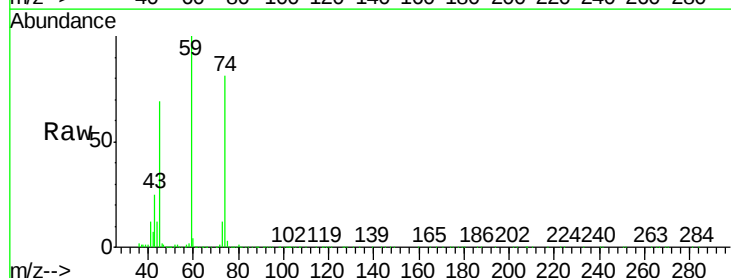
MMDadoda
1/28/2019 12:01:46 PM

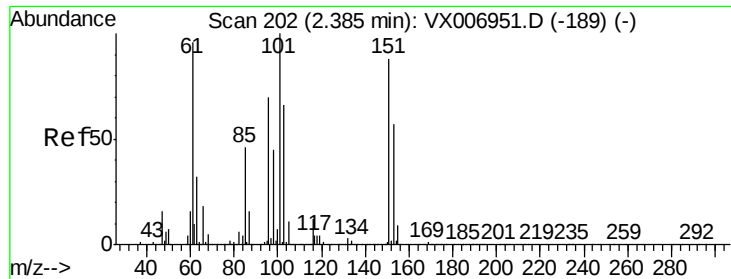


#8

Diethyl Ether
Concen: 18.963 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.175 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

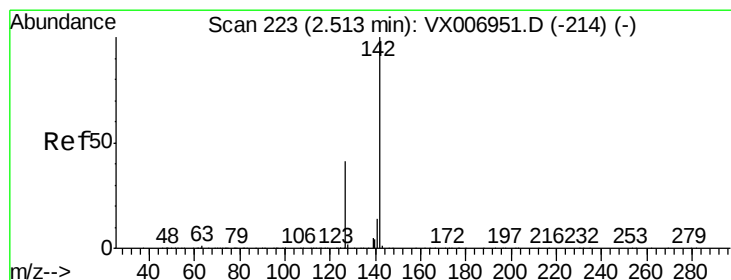
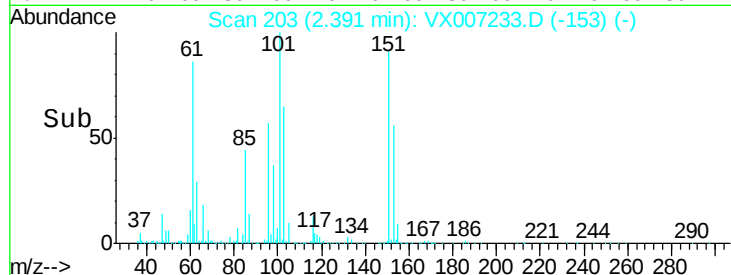
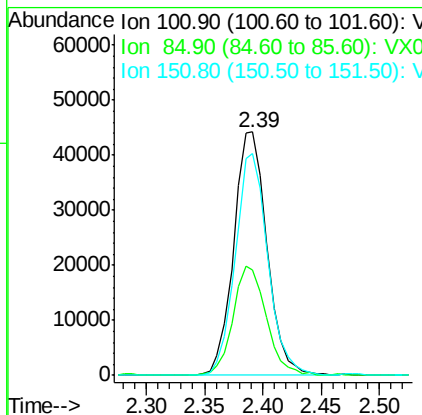
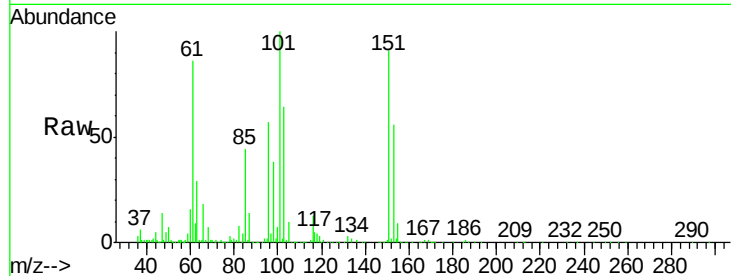
ClientSampleId :

VX0126WBSD01

Tot Ion:	101	Resp:	88518
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.1	52.7
151	89.0	68.9	103.3

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#10

Methyl Iodide

Concen: 20.117 ug/l

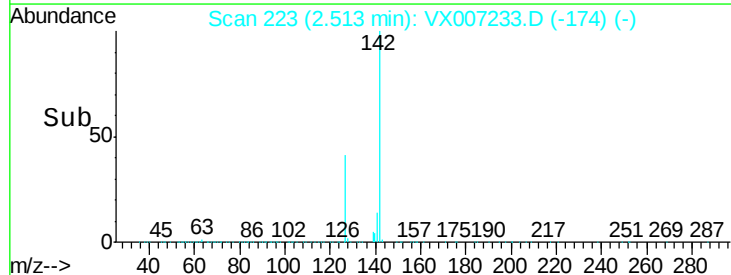
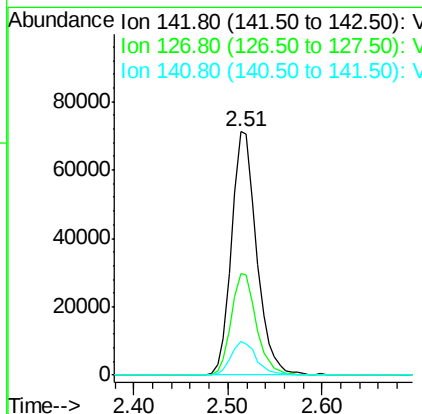
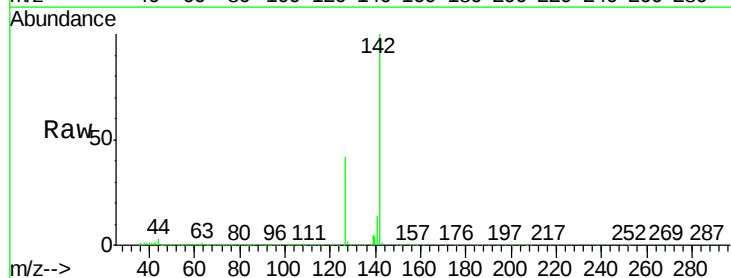
RT: 2.51 min Scan# 223

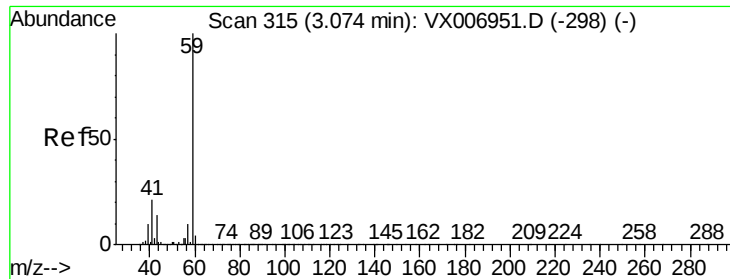
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	142	Resp:	132160
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.9	50.9
141	13.8	11.4	17.0





#11

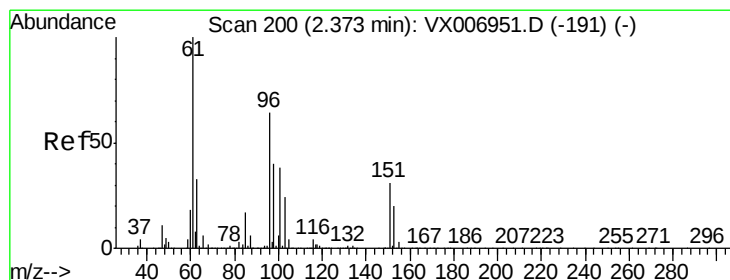
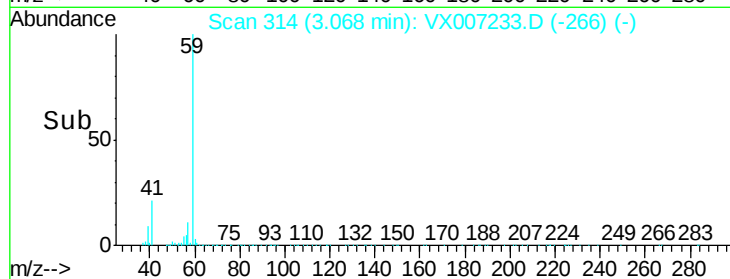
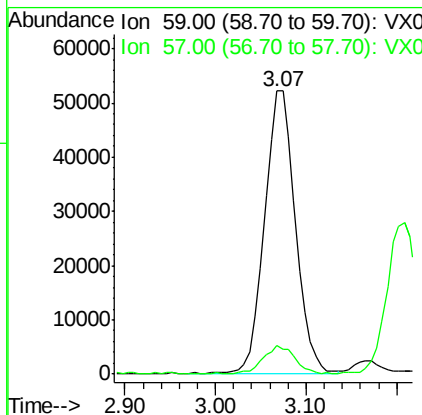
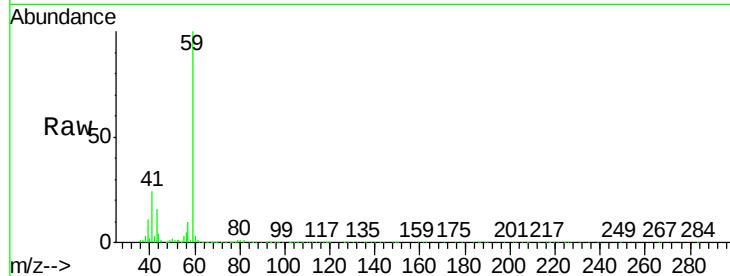
Tert butyl alcohol
Concen: 101.930 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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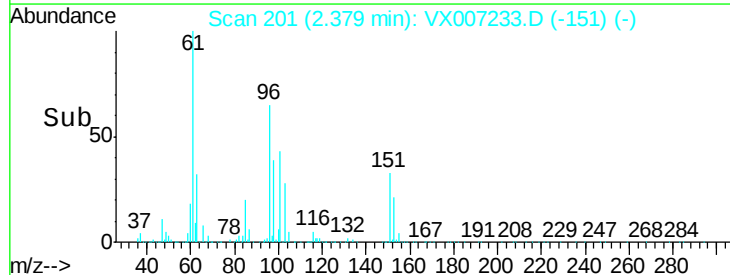
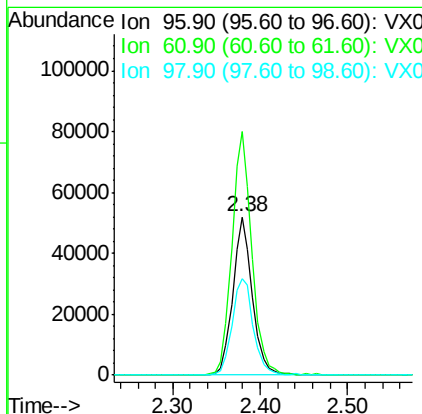
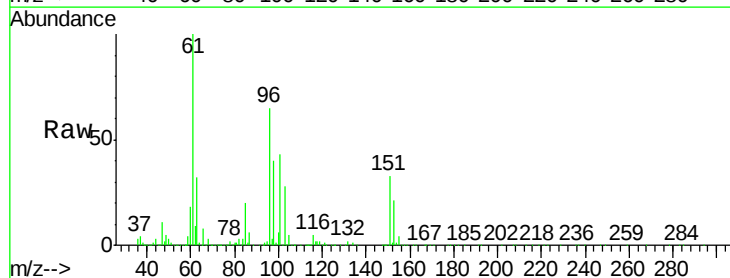
MMDadoda
1/28/2019 12:01:46 PM

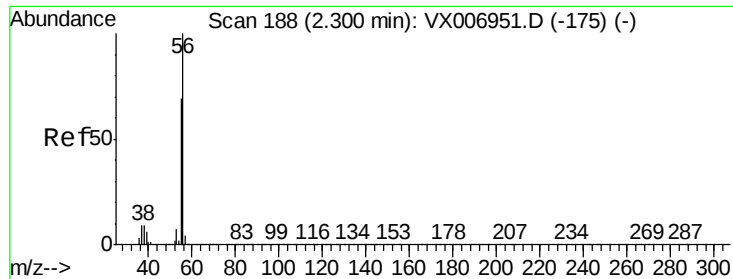


#12

1,1-Dichloroethene
Concen: 17.952 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	121.4	182.2
98	60.8	51.9	77.9





#13

Acrolein

Concen: 101.414 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 56 Resp: 51825

Ion Ratio Lower Upper

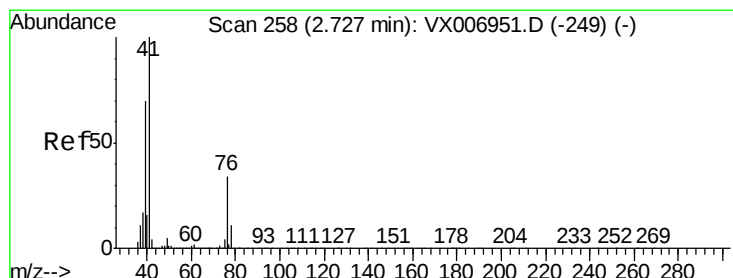
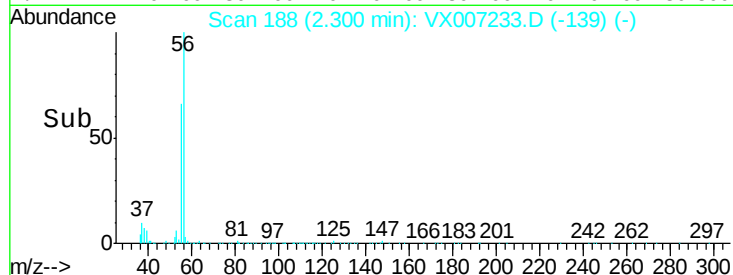
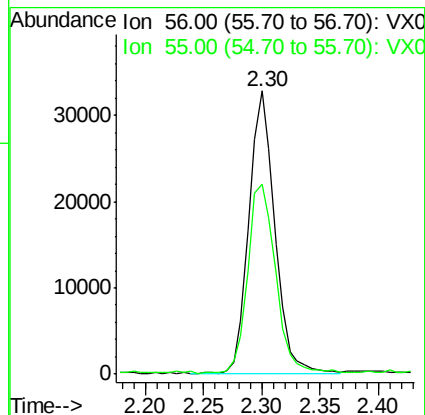
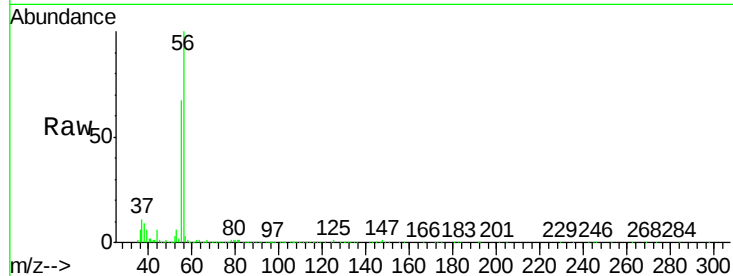
56 100

55 71.2 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.975 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

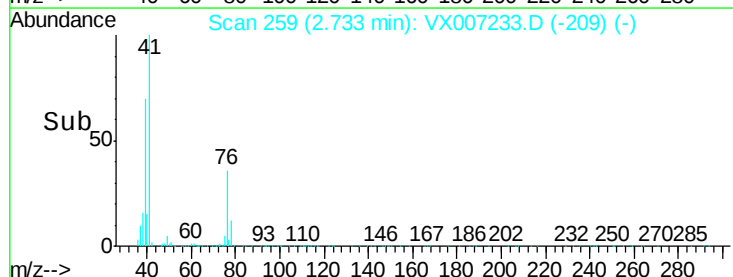
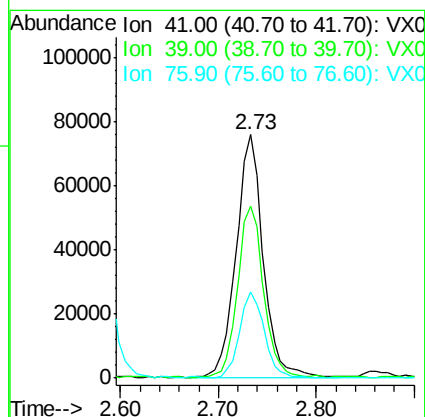
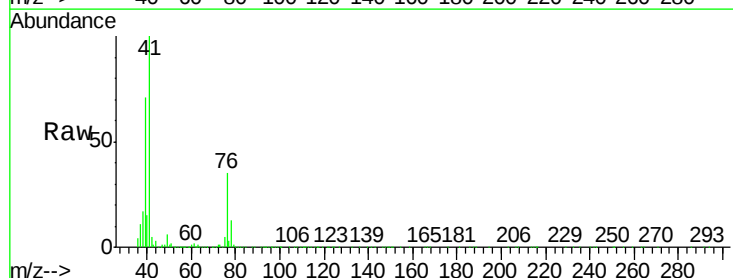
Tgt Ion: 41 Resp: 146332

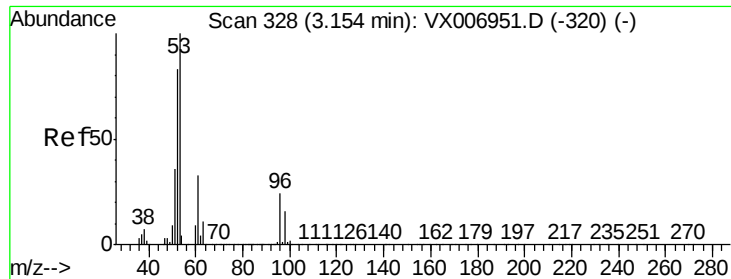
Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 31.8 27.4 41.2





#15

Acrylonitrile

Concen: 100.618 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

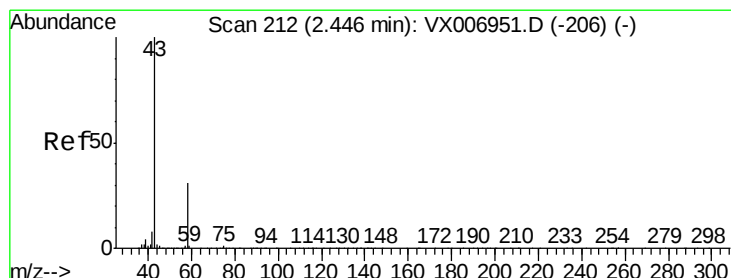
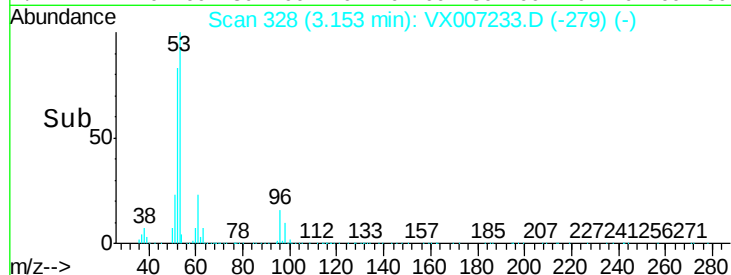
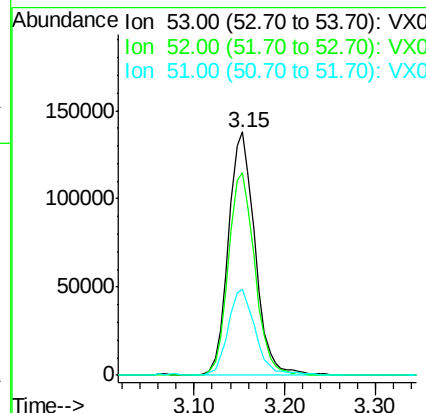
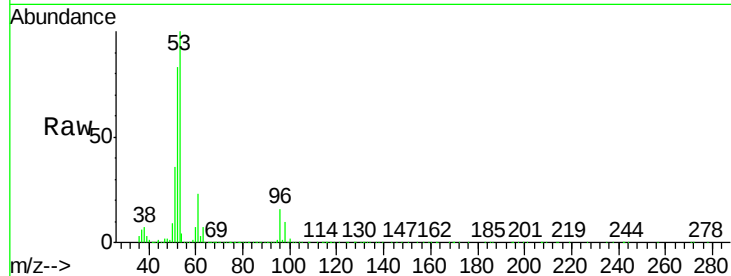
ClientSampleId :

VX0126WBSD01

Tot Ion:	53	Resp:	278790
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.2	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 98.340 ug/l

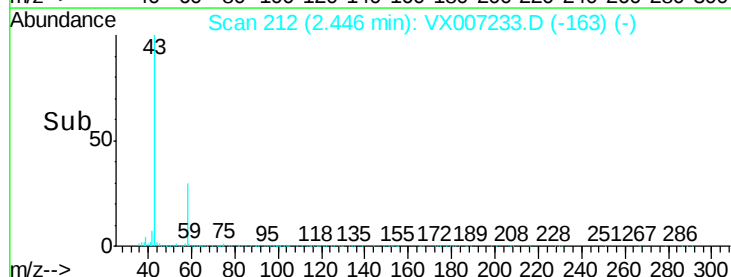
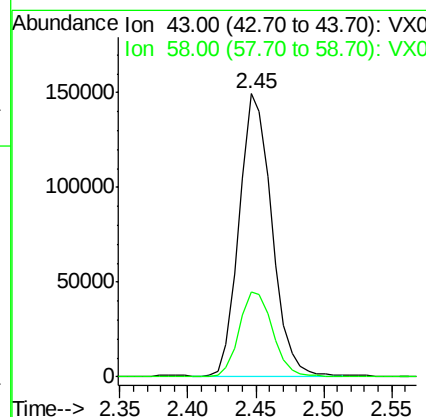
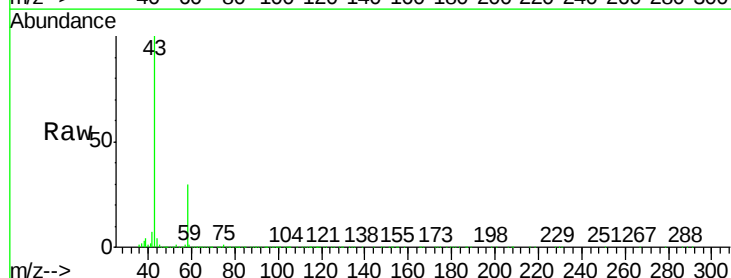
RT: 2.45 min Scan# 212

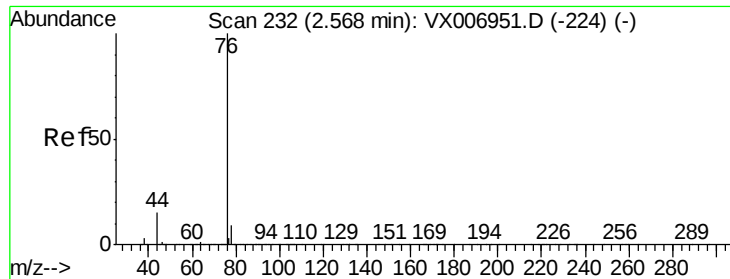
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	43	Resp:	248750
Ion Ratio		Lower	Upper
43	100		
58	30.2	25.0	37.6





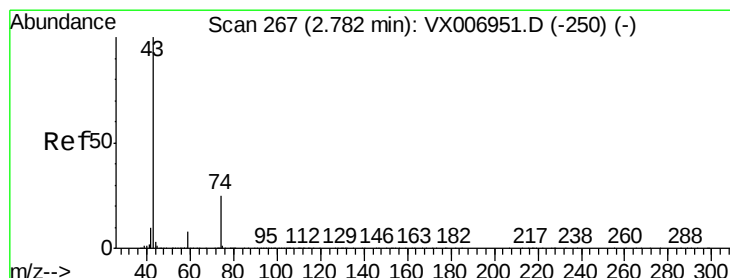
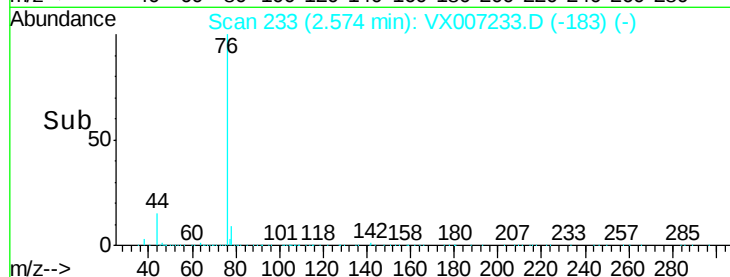
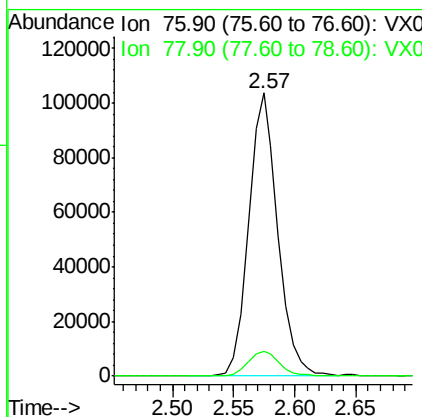
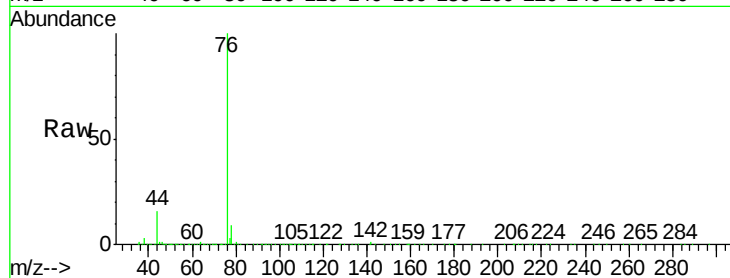
#17
Carbon Disulfide
Concen: 14.701 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

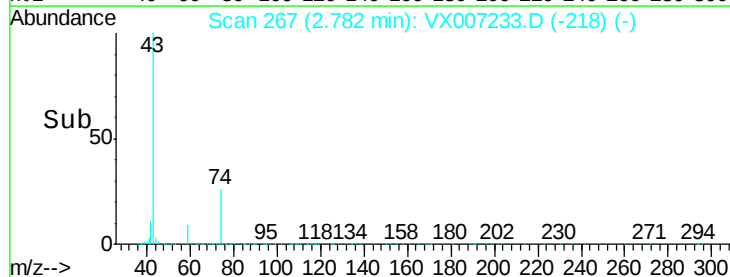
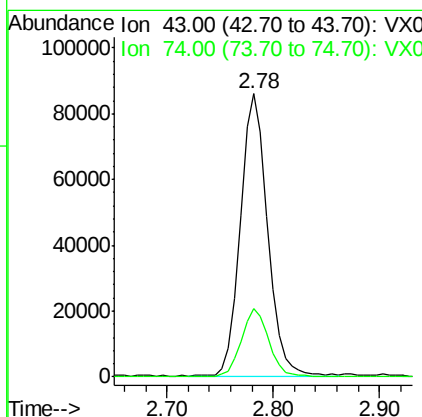
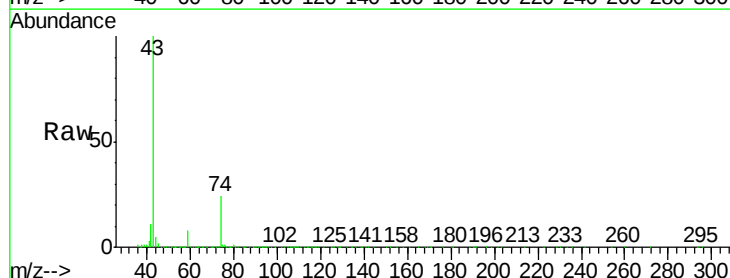
Manual Integrations
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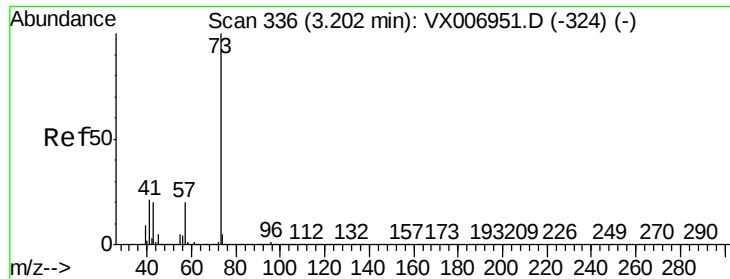
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#18
Methyl Acetate
Concen: 21.025 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





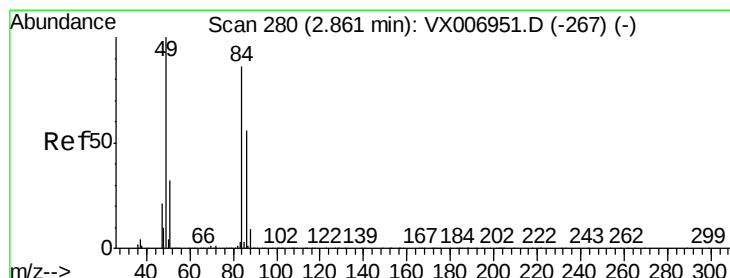
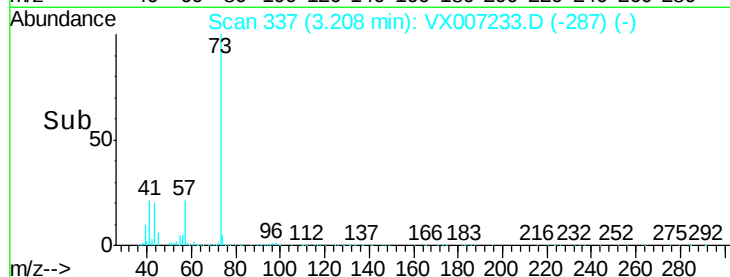
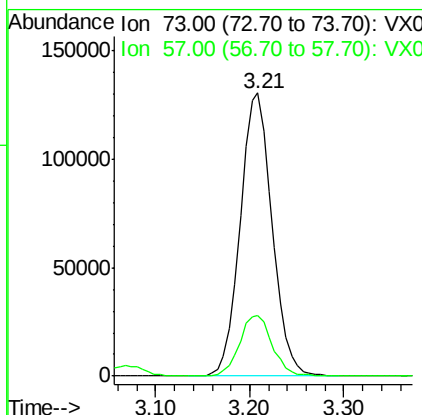
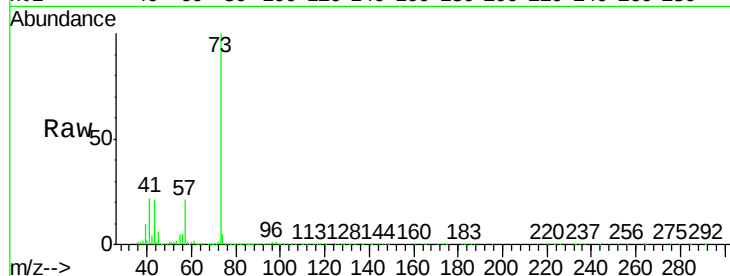
#19
Methvl tert-butvl Ether
Concen: 19.782 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

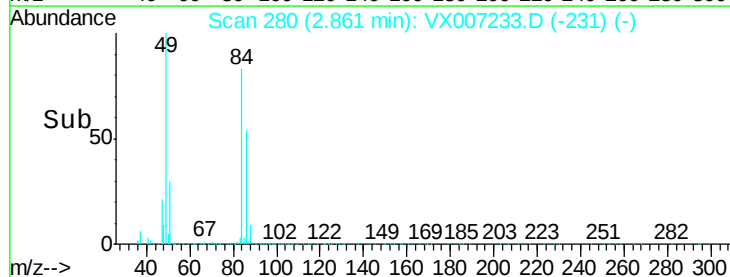
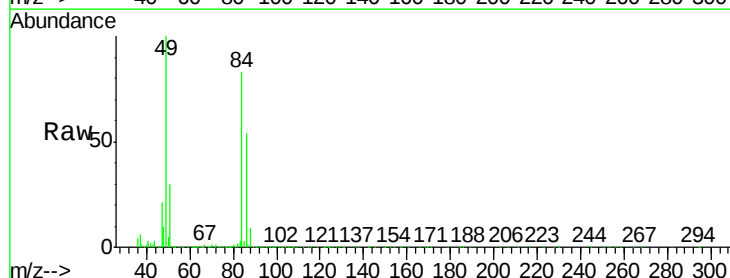
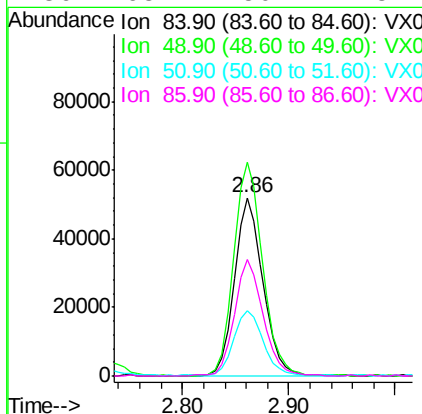
Manual Integrations
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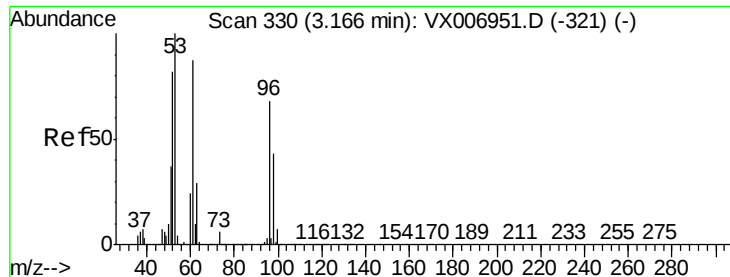
MMDadoda
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#20
Methylene Chloride
Concen: 19.864 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	91.8	137.6
51	36.2	28.5	42.7
86	65.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.882 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

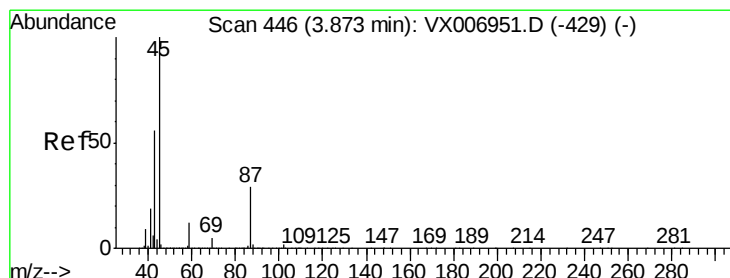
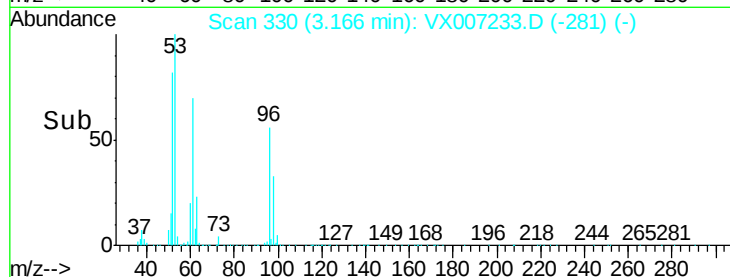
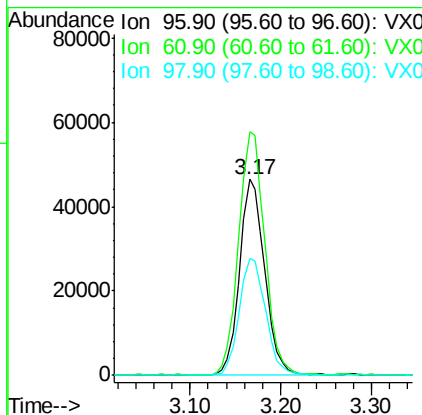
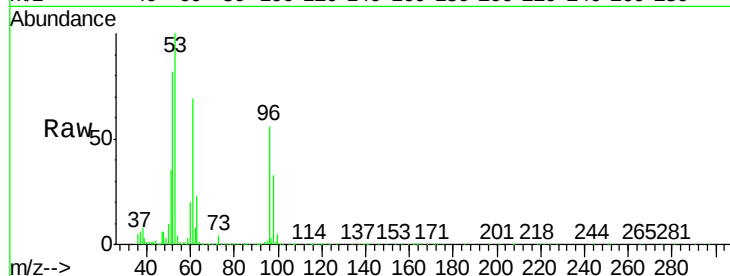
ClientSampleId :

VX0126WBSD01

Tot Ion:	96	Resp:	89669
Ion	Ratio	Lower	Upper
96	100		
61	123.8	103.7	155.5
98	59.9	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.671 ug/l

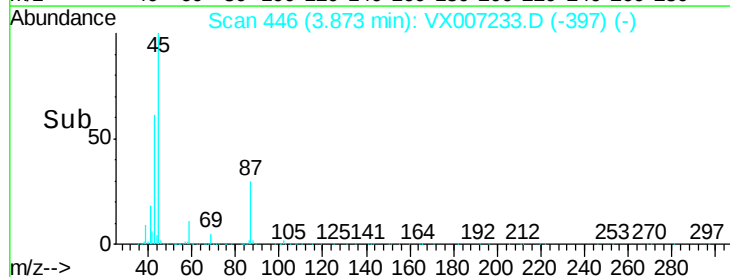
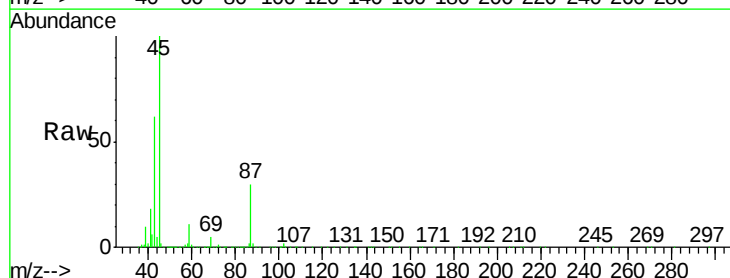
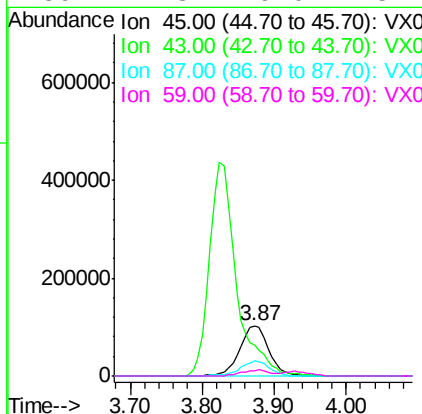
RT: 3.87 min Scan# 446

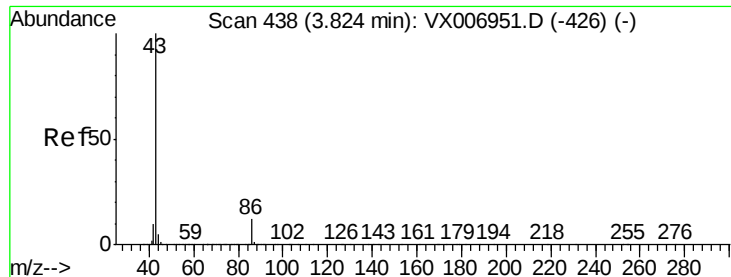
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	45	Resp:	285179
Ion	Ratio	Lower	Upper
45	100		
43	61.3	51.2	76.8
87	29.9	25.8	38.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 93.557 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleID :

VX0126WBSD01

Tot Ion: 43 Resp: 1143859

Ion Ratio Lower Upper

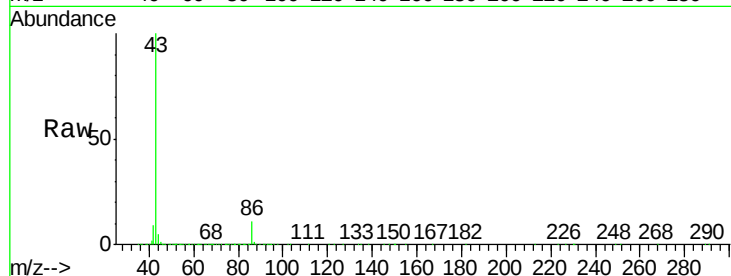
43 100

86 10.9 9.2 13.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

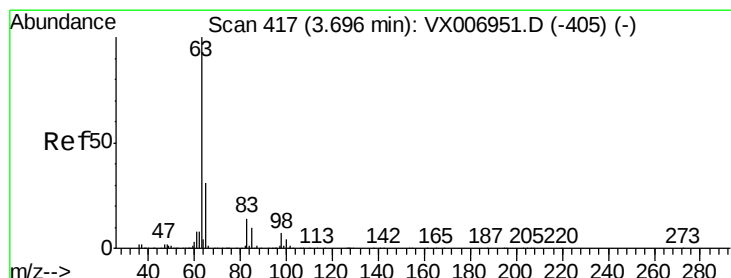
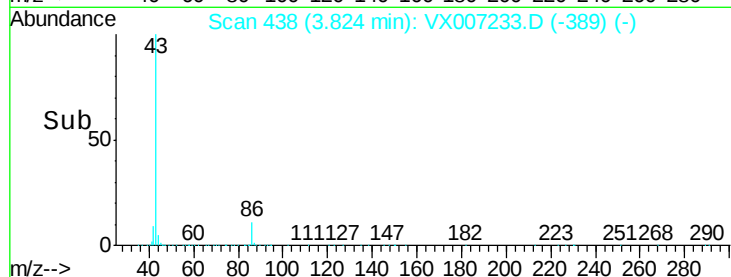
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.050 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

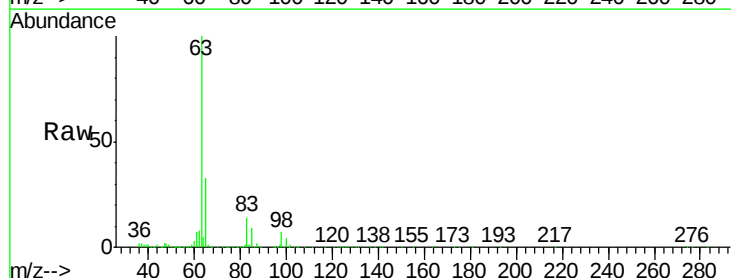
Tgt Ion: 63 Resp: 154432

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 3.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

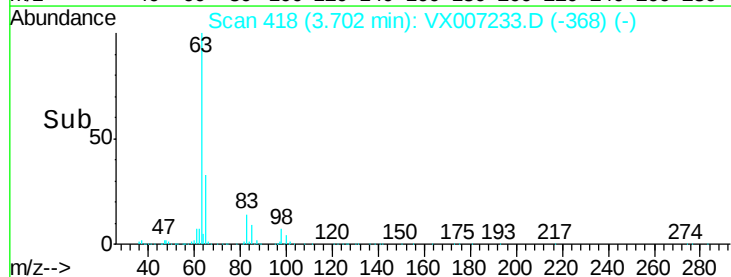
60000

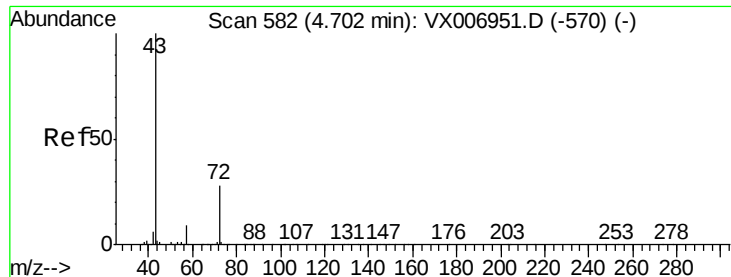
40000

20000

0

Time-->





#25

2-Butanone

Concen: 99.374 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 43 Resp: 359668

Ion Ratio Lower Upper

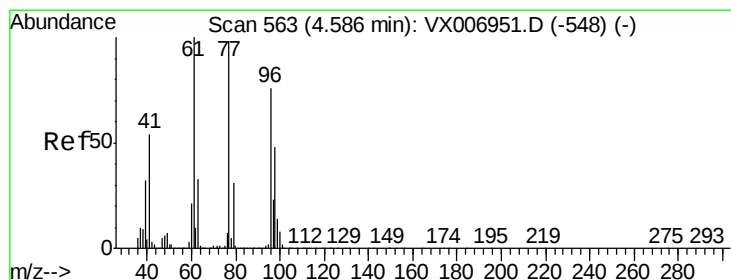
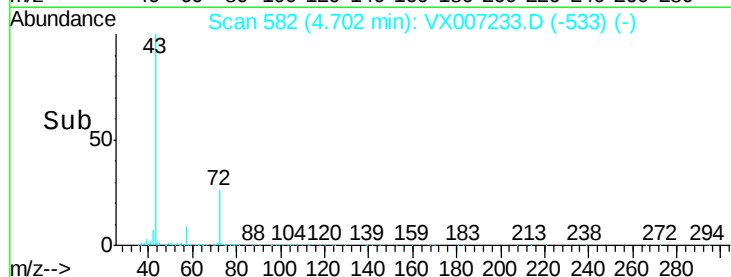
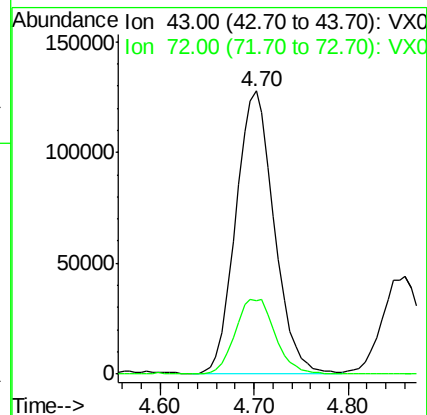
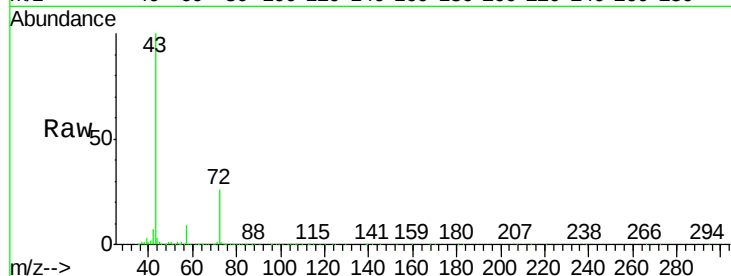
43 100

72 26.1 22.4 33.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.429 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007233.D

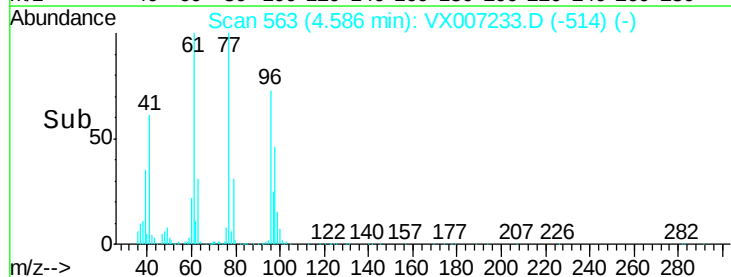
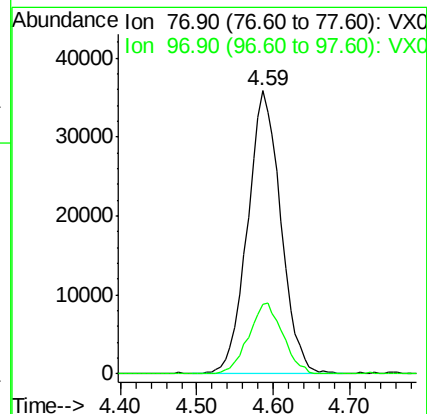
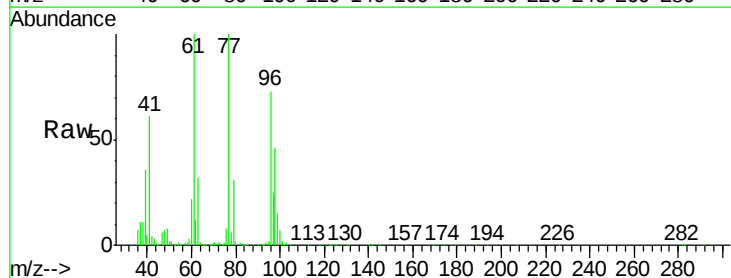
Acq: 25 Jan 2019 17:08

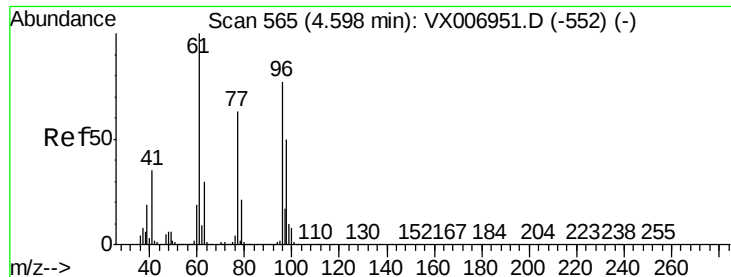
Tgt Ion: 77 Resp: 108647

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.4





#27

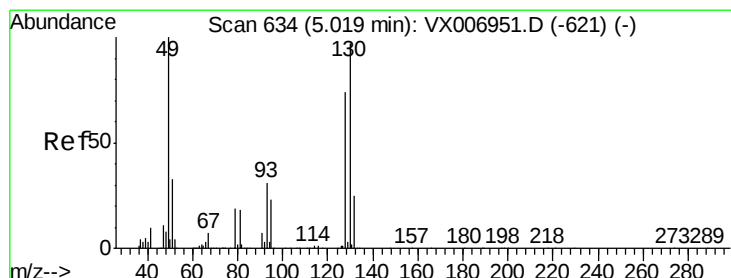
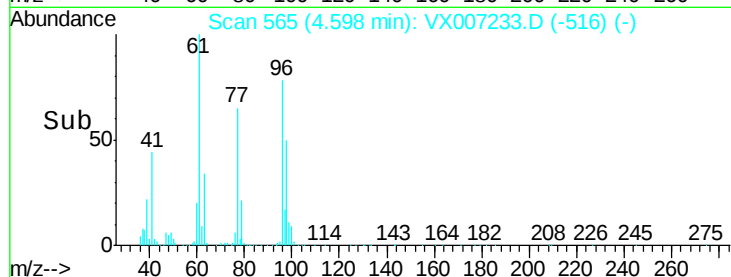
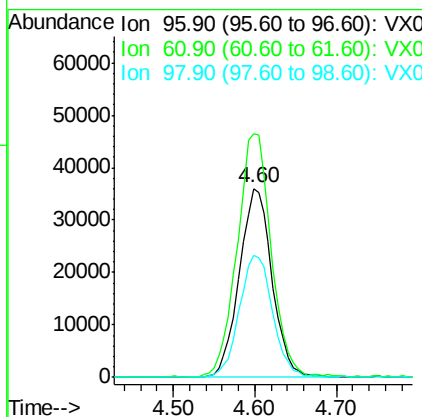
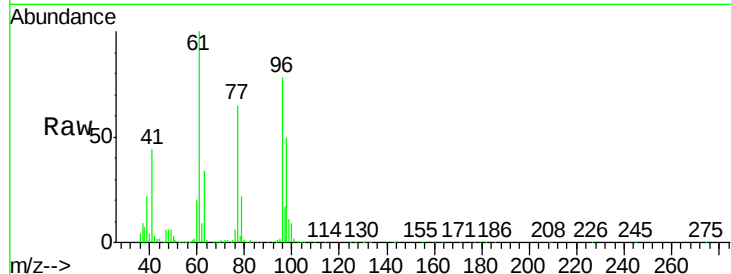
cis-1,2-Dichloroethene
Concen: 18.142 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	258.6
98	65.9	0.0	132.0

Manual Integrations
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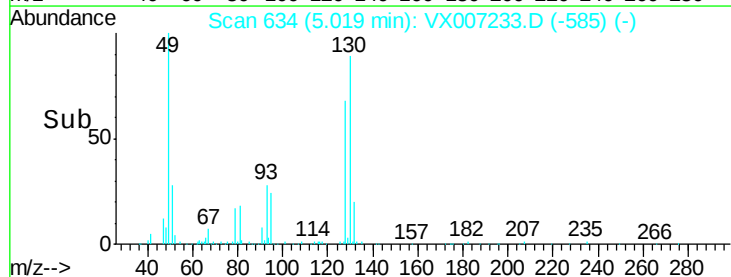
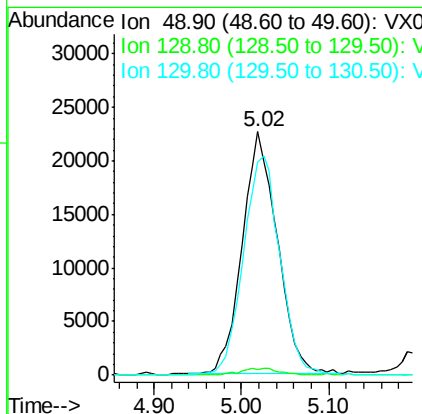
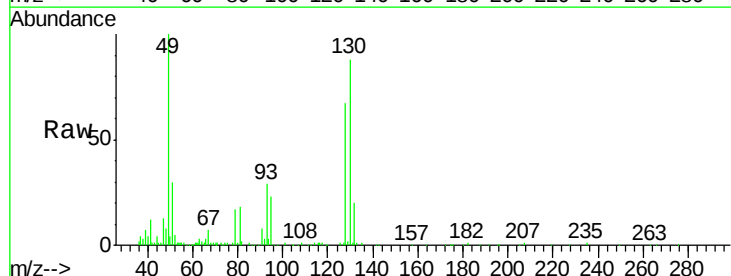
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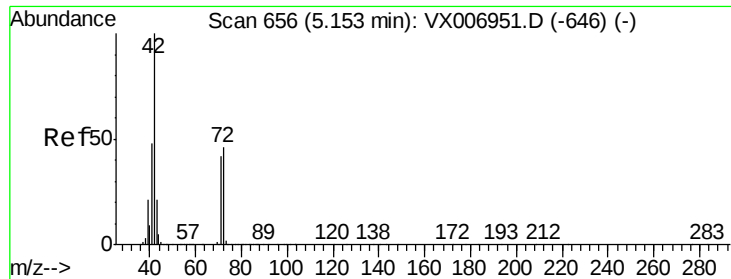


#28

Bromochloromethane
Concen: 17.775 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.4
130	94.6	77.7	116.5





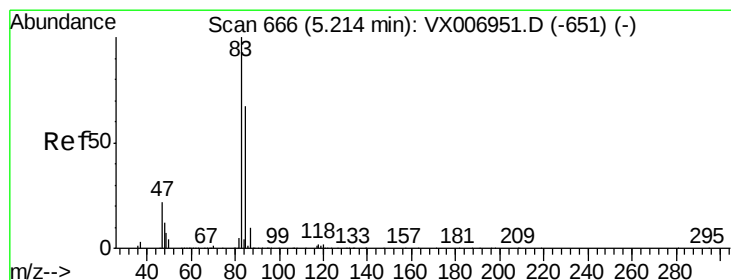
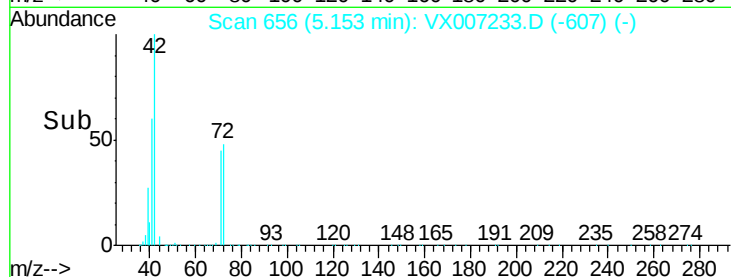
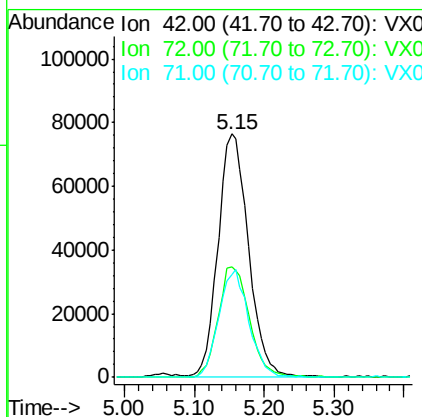
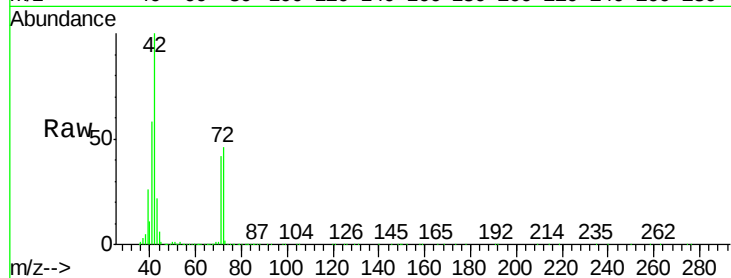
#29
Tetrahydrofuran
Concen: 97.712 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.9	58.3
71	44.1	36.2	54.4

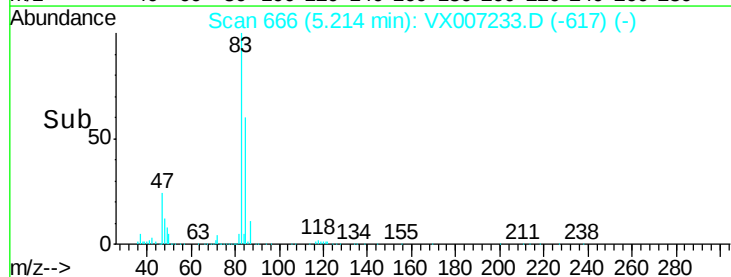
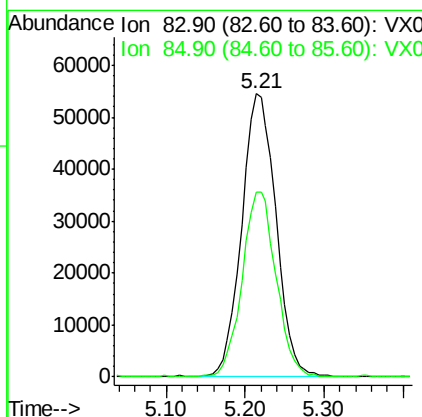
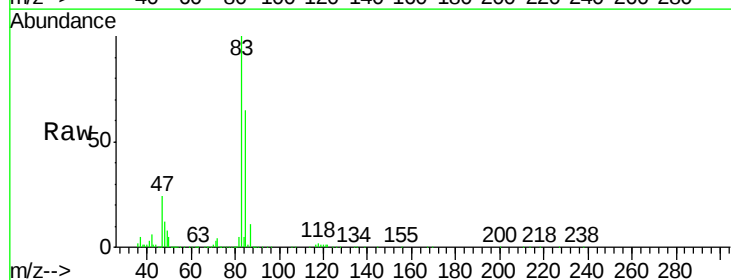
Manual Integrations
APPROVED

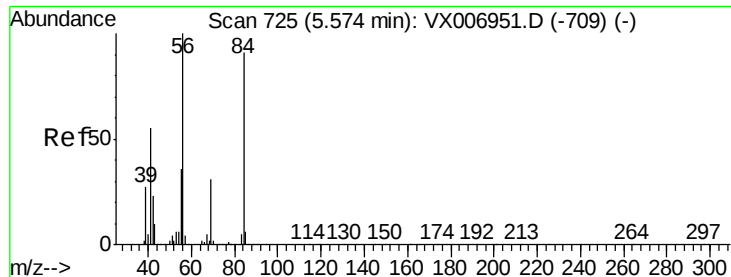
MMDadoda
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#30
Chloroform
Concen: 19.409 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8





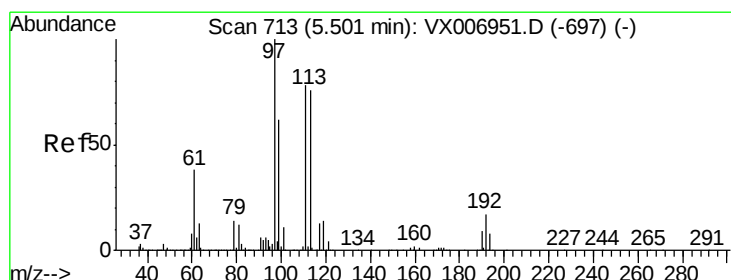
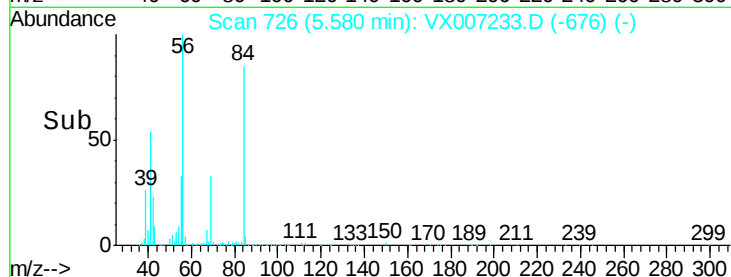
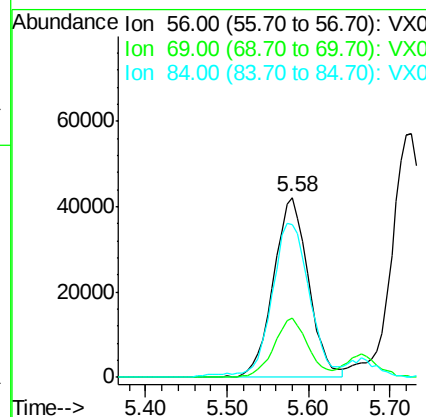
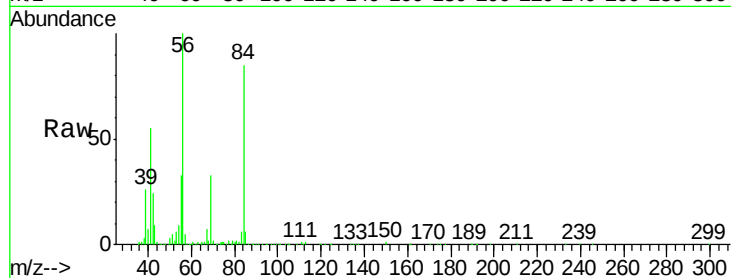
#31
Cyclohexane
Concen: 17.305 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.4	36.6
84	84.9	70.0	105.0

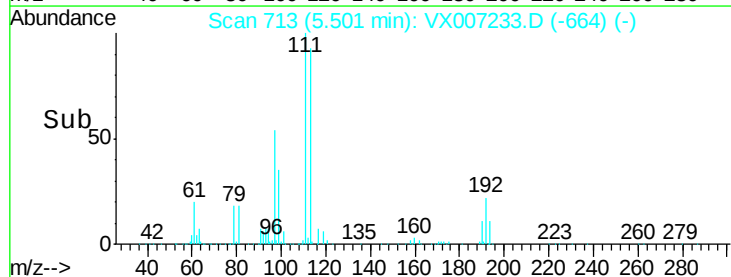
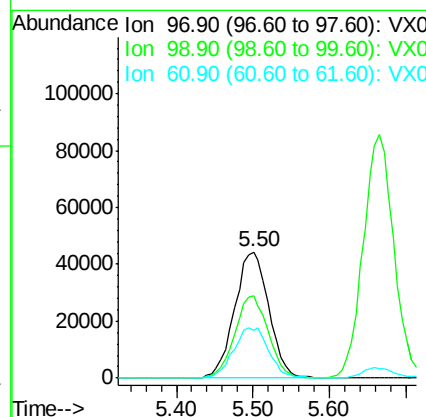
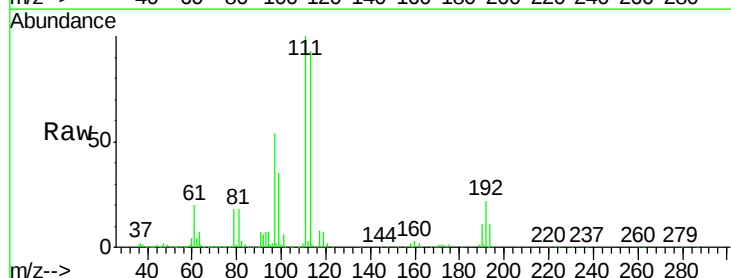
Manual Integrations
APPROVED

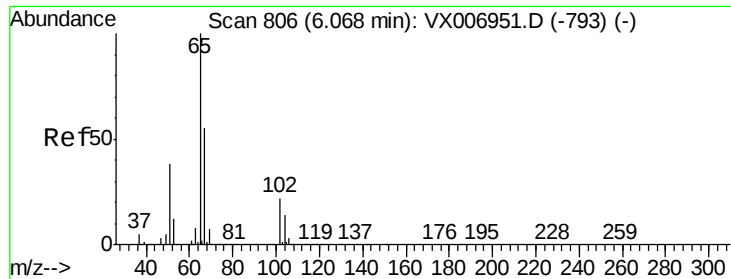
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#32
1,1,1-Trichloroethane
Concen: 19.051 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.568 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 65 Resp: 253622

Ion Ratio Lower Upper

65 100

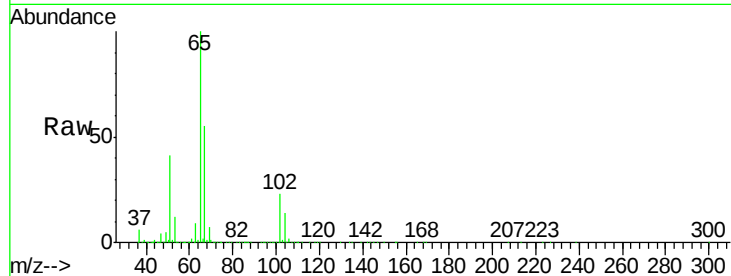
67 54.3 0.0 105.0

Manual Integrations

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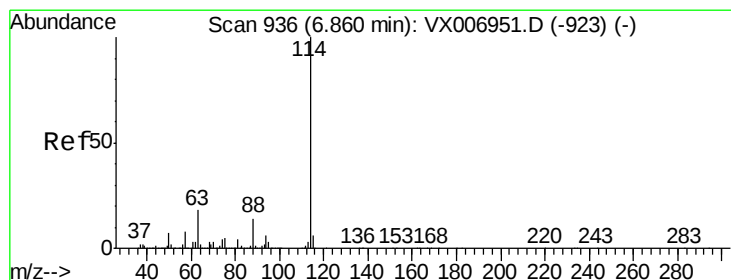
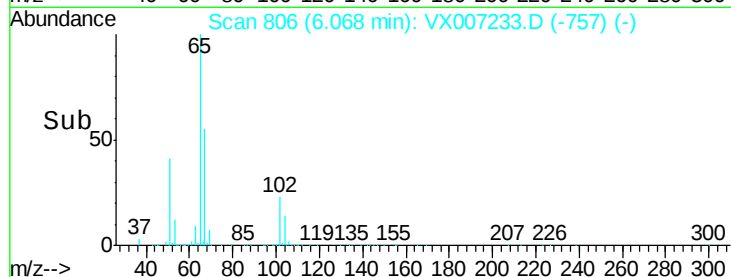
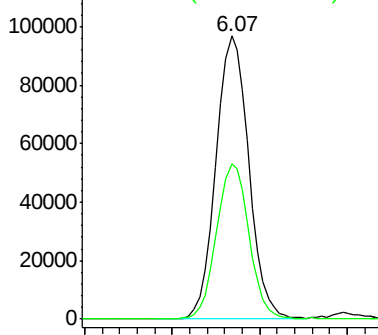
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

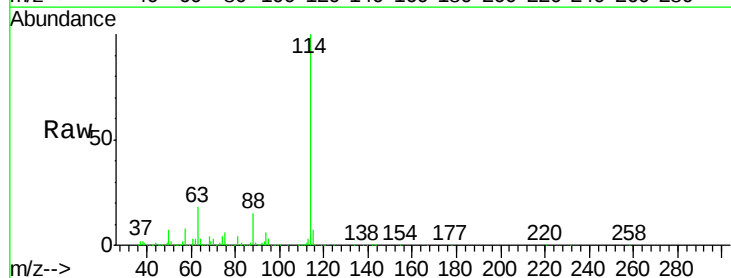
Tgt Ion: 114 Resp: 714951

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

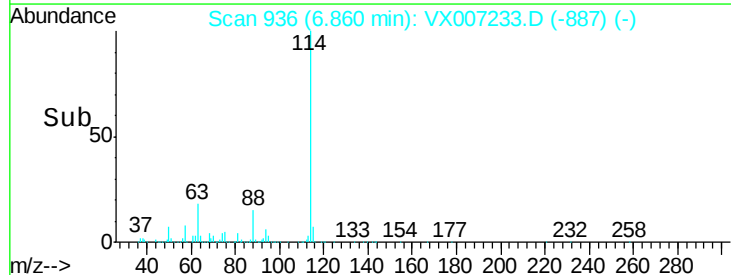
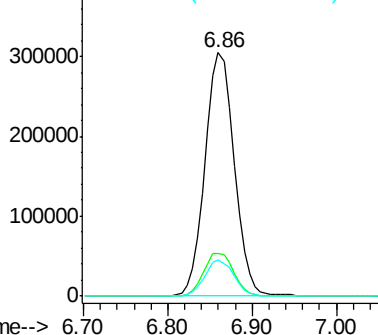
88 14.7 0.0 28.8

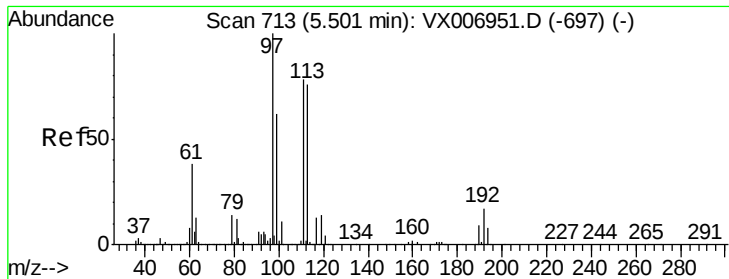


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.148 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

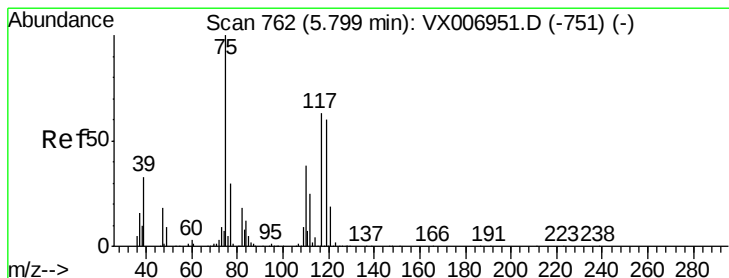
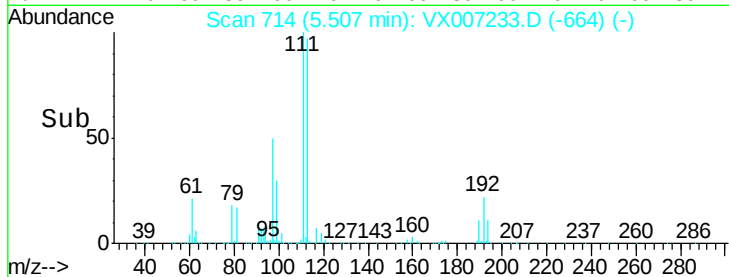
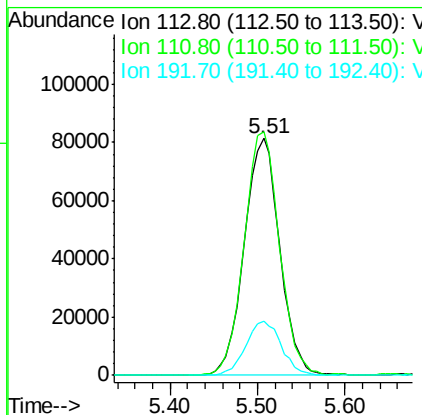
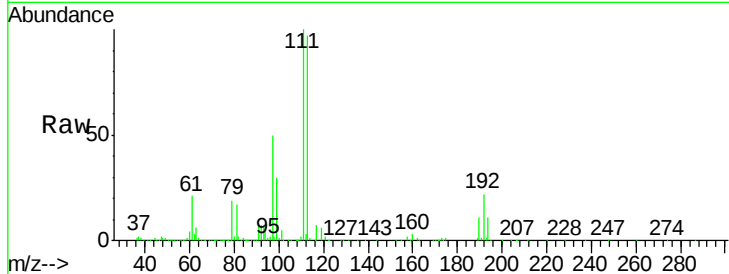
ClientSampleId :

VX0126WBSD01

Tot Ion:	113	Resp:	229603
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.6	122.4
192	23.1	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.287 ug/l

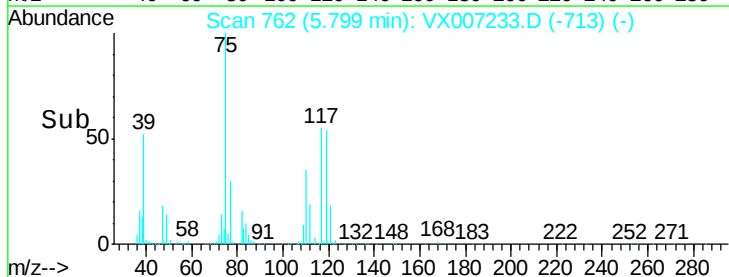
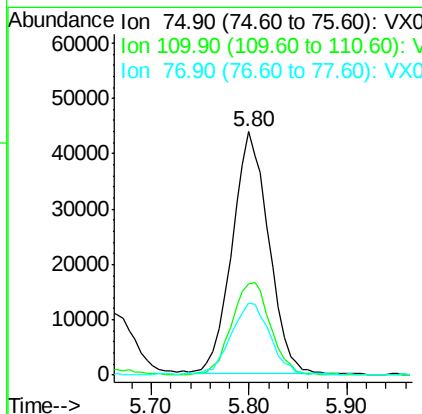
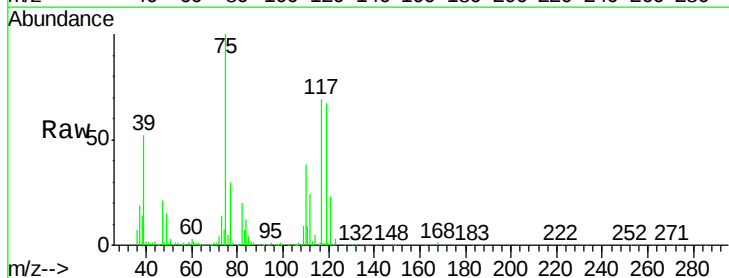
RT: 5.80 min Scan# 762

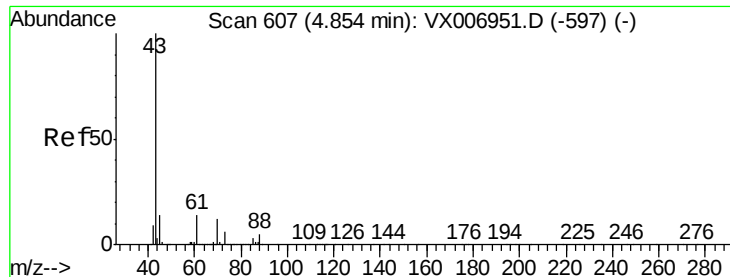
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	75	Resp:	113671
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.2	60.5
77	31.1	24.8	37.2





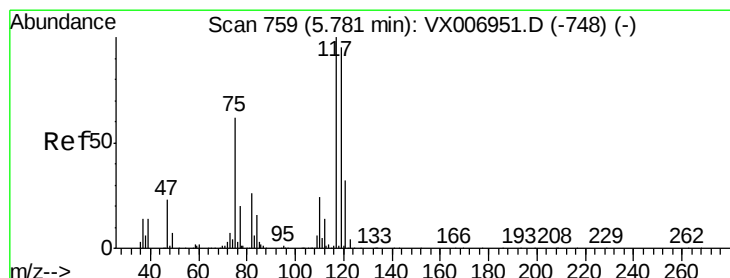
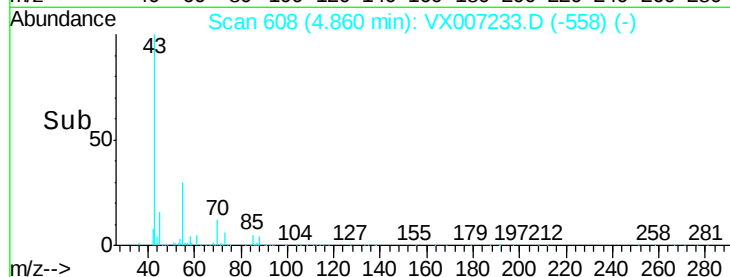
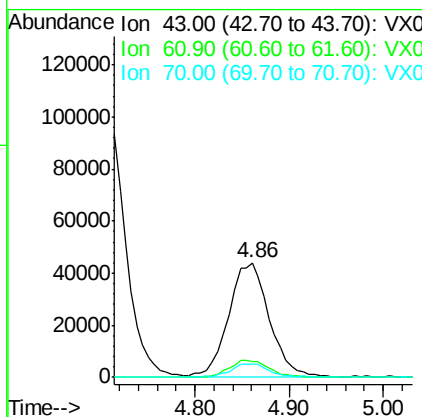
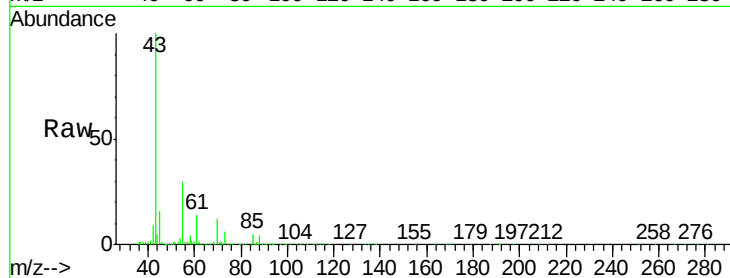
#37
Ethyl Acetate
Concen: 19.511 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.9	9.7	14.5

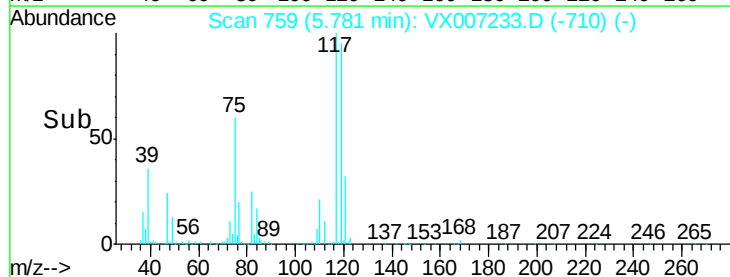
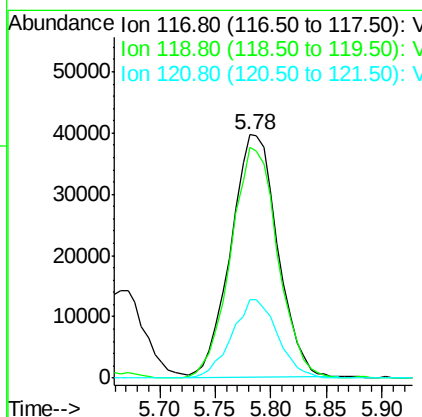
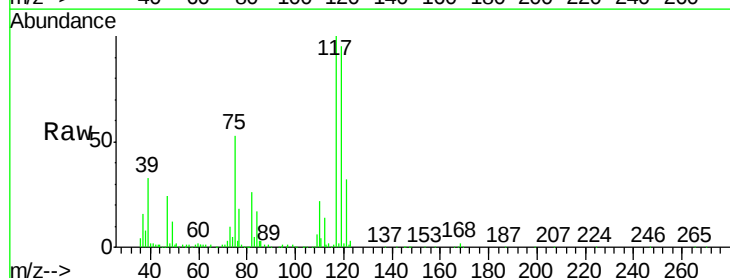
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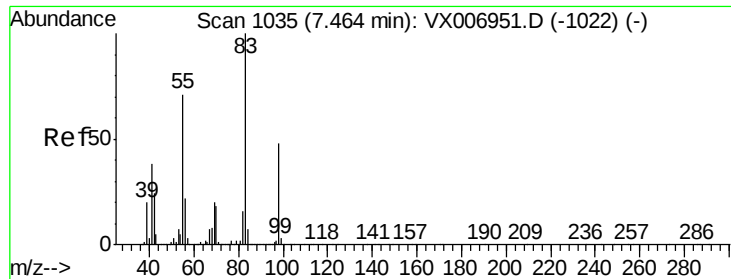
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#38
Carbon Tetrachloride
Concen: 18.435 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
121	32.0	24.0	36.0





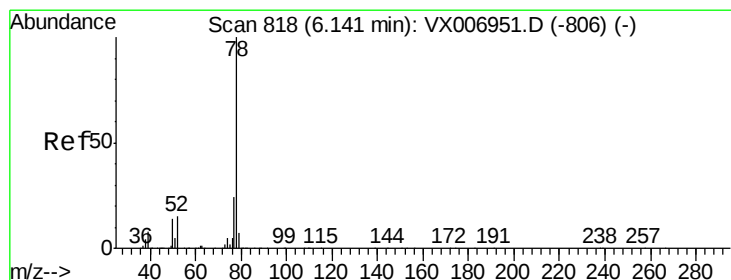
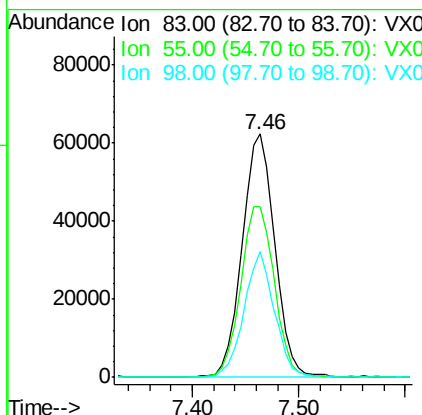
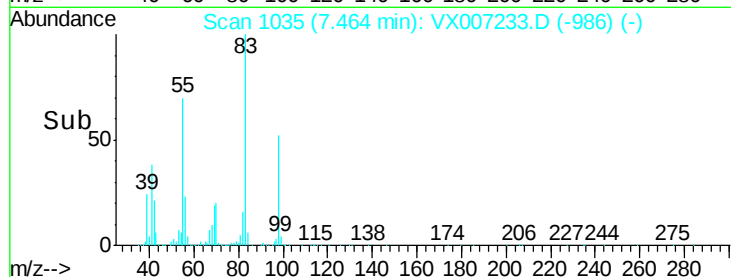
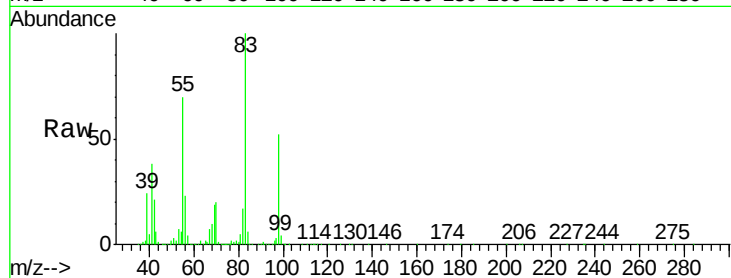
#39
Methvlcvclohexane
Concen: 17.019 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	54.9	82.3
98	51.6	37.9	56.9

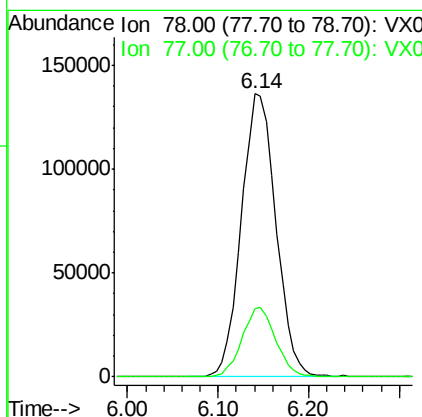
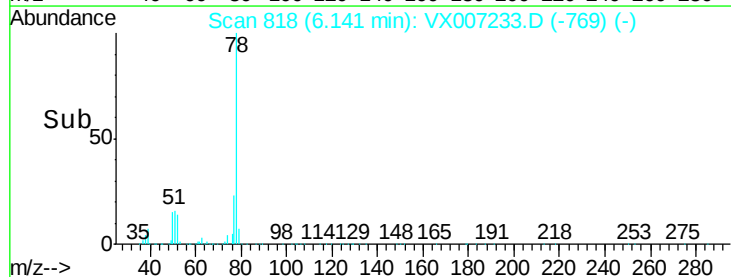
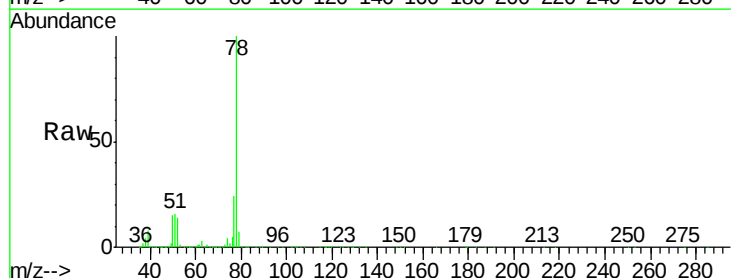
Manual Integrations
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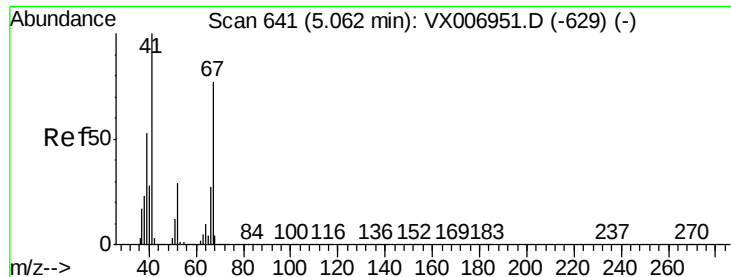
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#40
Benzene
Concen: 18.953 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





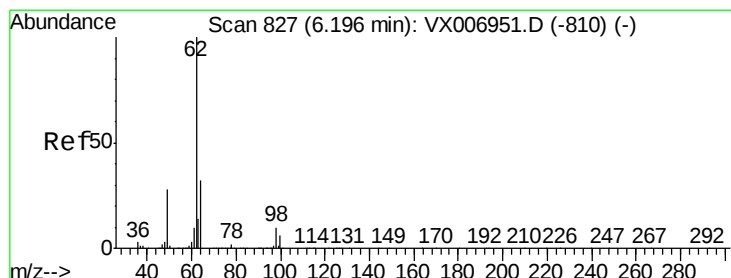
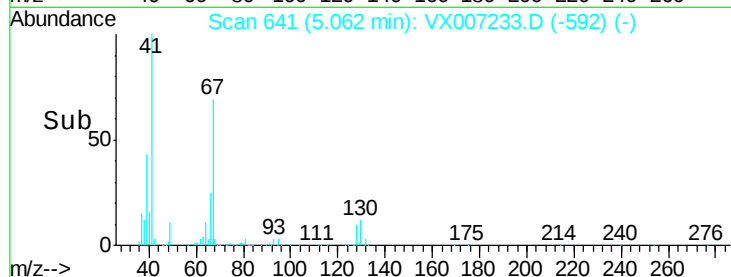
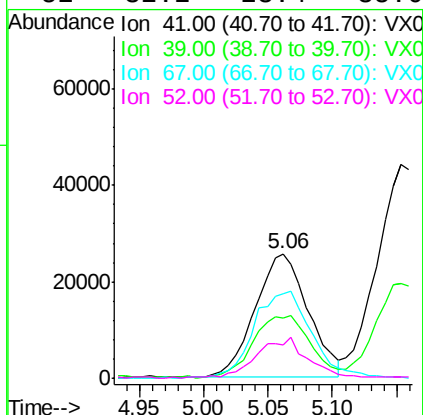
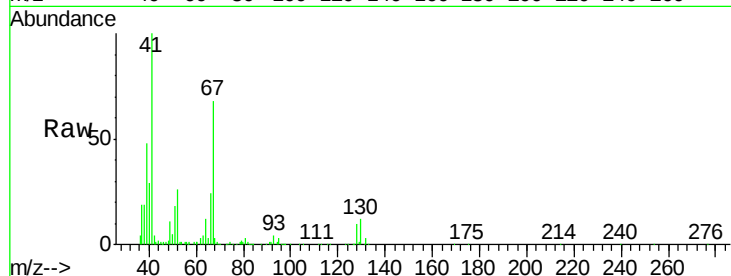
#41
Methacrylonitrile
Concen: 19.222 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.8	64.2	
67	76.5	62.1	93.1	
52	32.2	23.4	35.0	

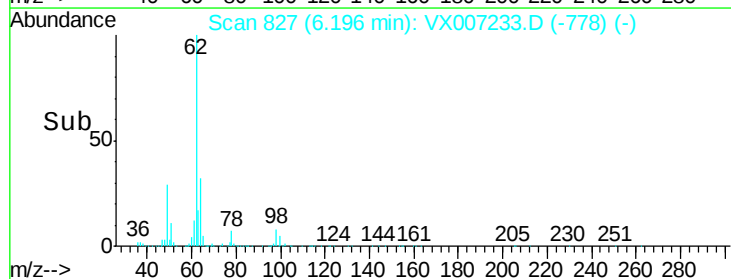
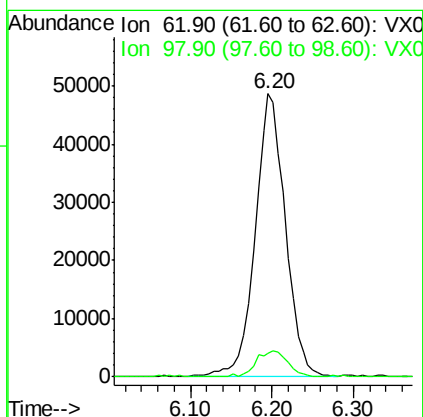
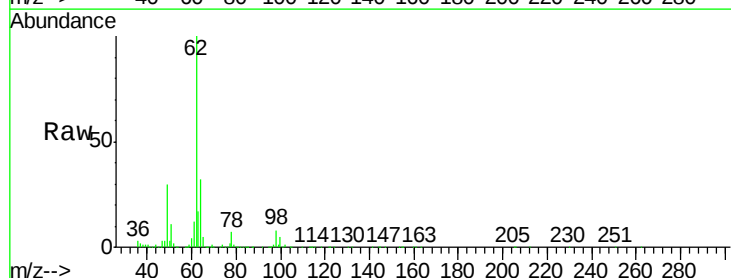
Manual Integrations
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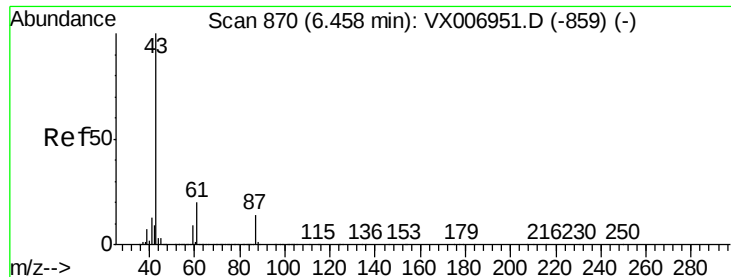
MMDadoda
1/28/2019 12:01:46 PM



#42
1,2-Dichloroethane
Concen: 19.224 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.2	





#43

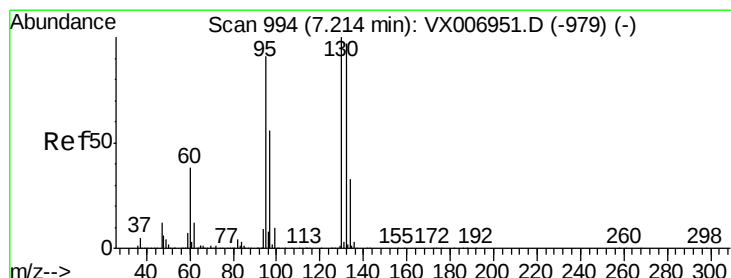
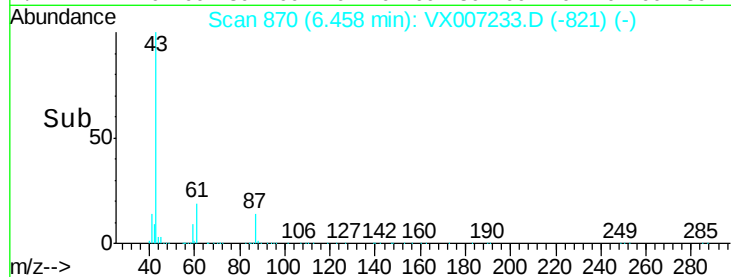
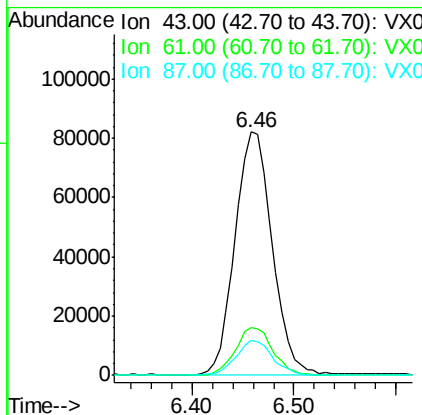
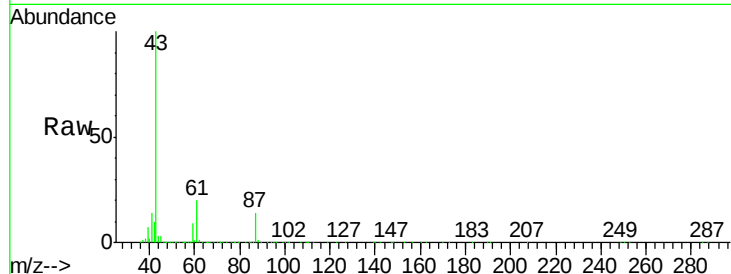
Isopropyl Acetate
 Concen: 19.737 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
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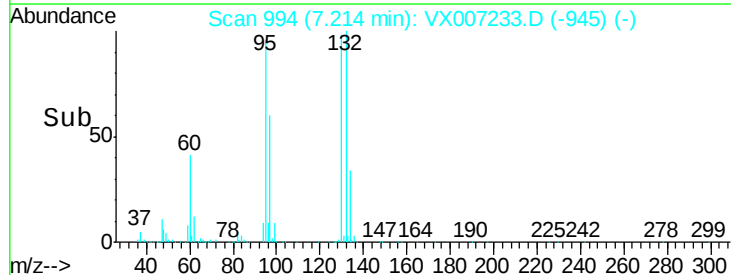
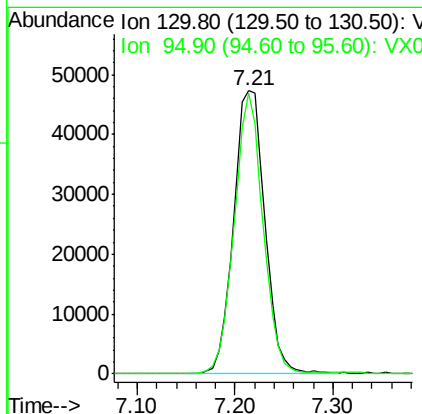
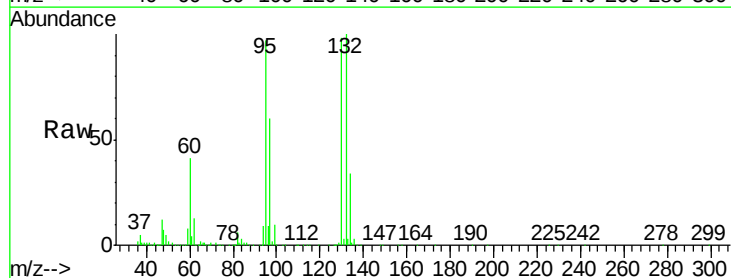
MMDadoda
 1/28/2019 12:01:46 PM

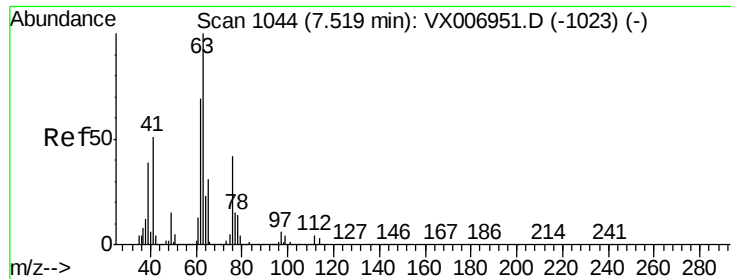


#44

Trichloroethene
 Concen: 18.505 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.740 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 63 Resp: 94128

Ion Ratio Lower Upper

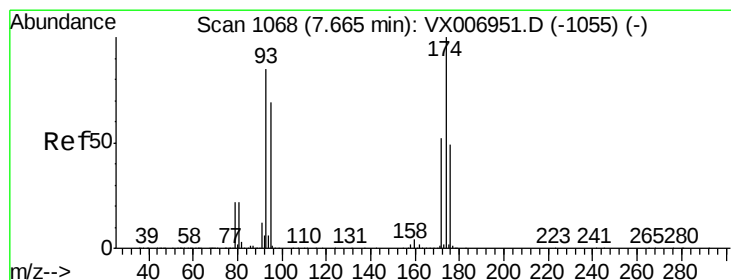
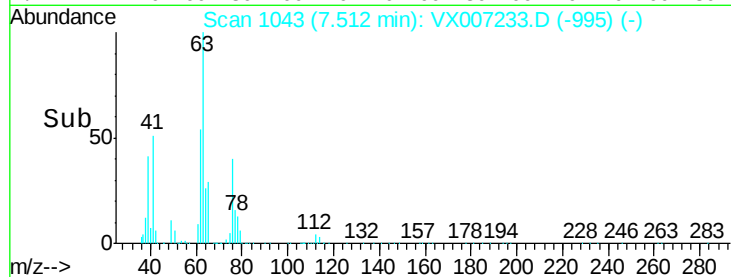
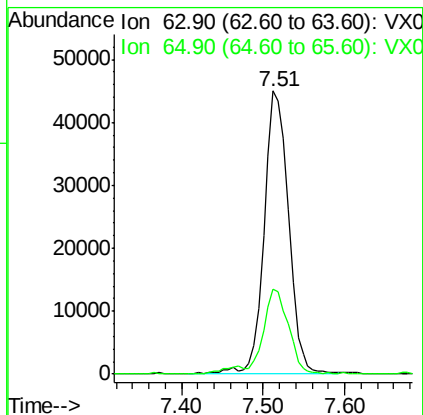
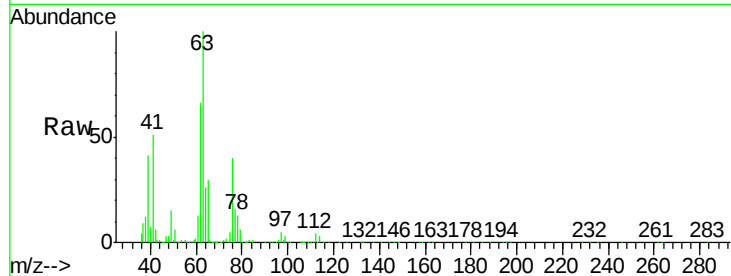
63 100

65 29.7 25.4 38.0

Manual Integrations
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#46

Dibromomethane

Concen: 19.819 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

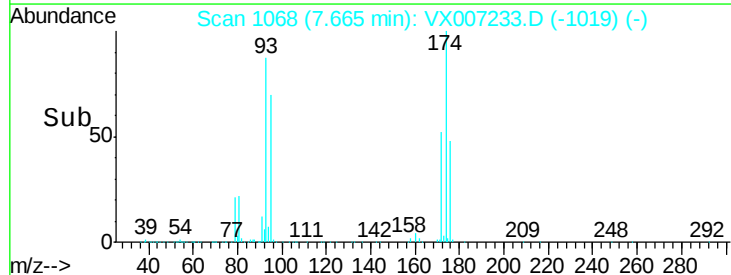
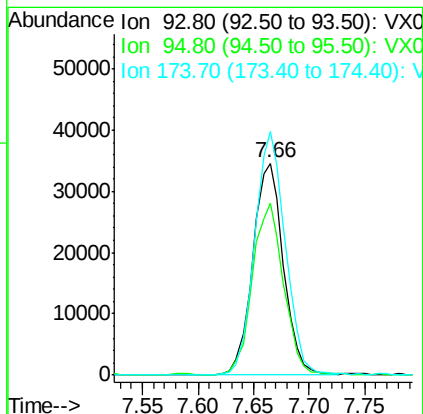
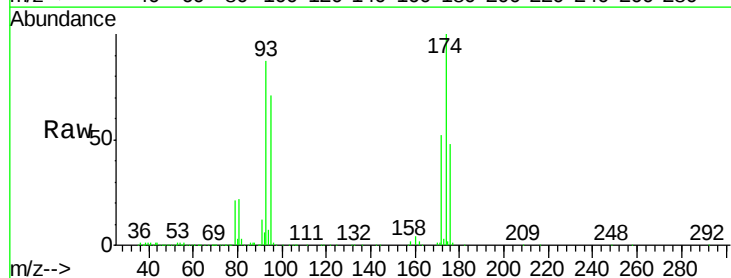
Tgt Ion: 93 Resp: 66415

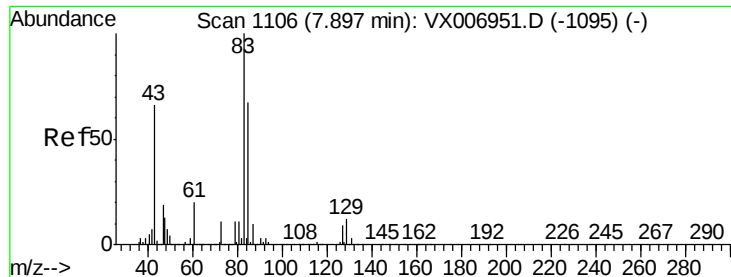
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 114.7 91.0 136.4





#47

Bromodichloromethane

Concen: 19.831 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

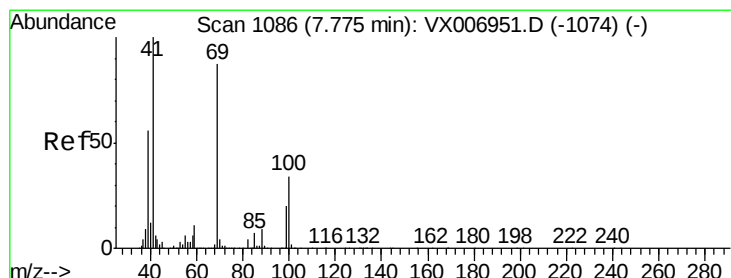
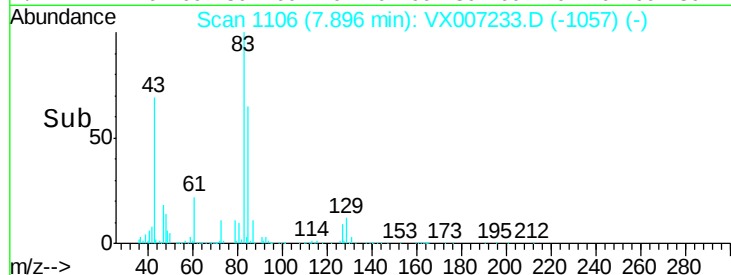
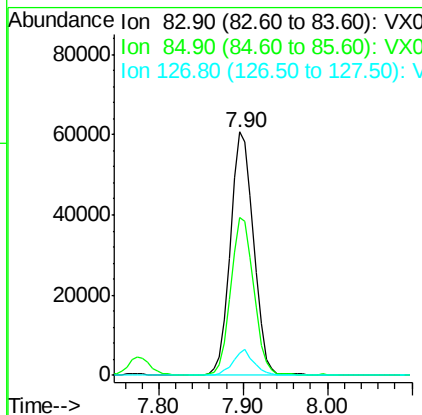
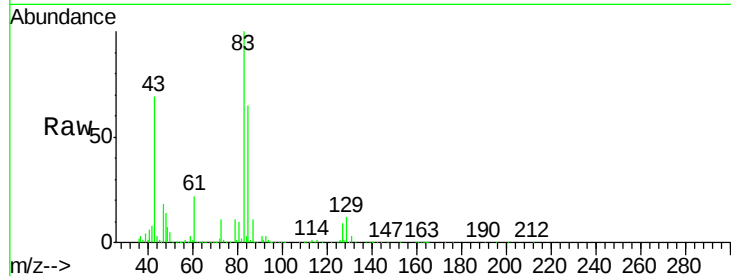
ClientSampleId :

VX0126WBSD01

Tot Ion:	83	Resp:	113121
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.2	79.8
127	9.2	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.113 ug/l

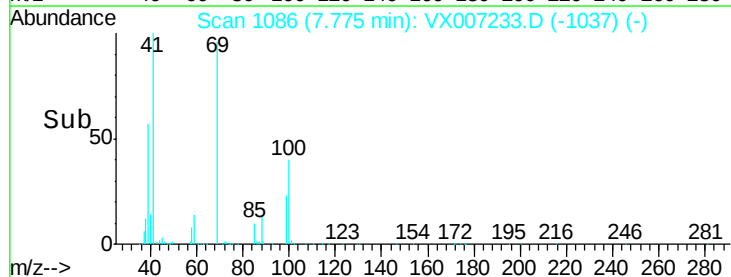
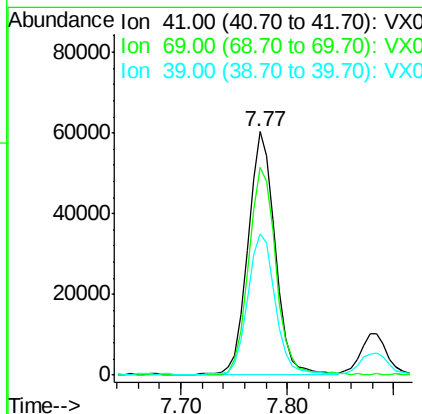
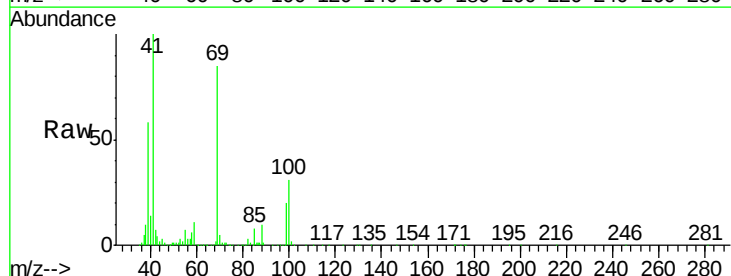
RT: 7.77 min Scan# 1086

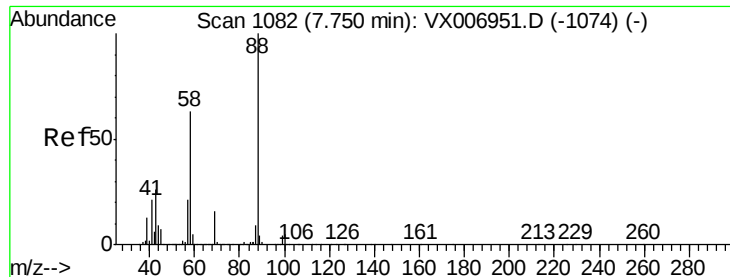
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	41	Resp:	108570
Ion	Ratio	Lower	Upper
41	100		
69	86.1	72.4	108.6
39	58.7	45.8	68.8





#49

1,4-Dioxane

Concen: 429.676 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

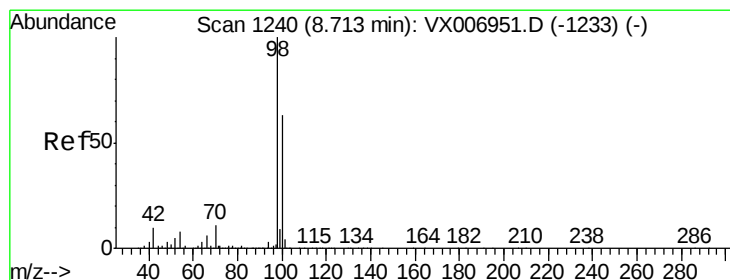
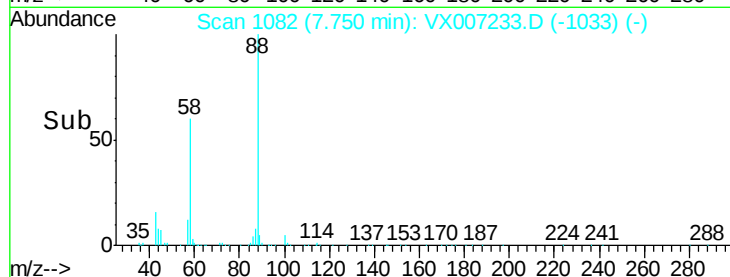
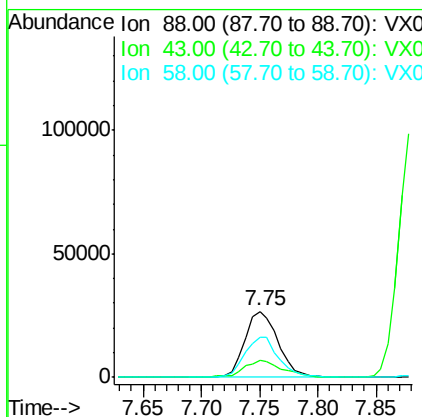
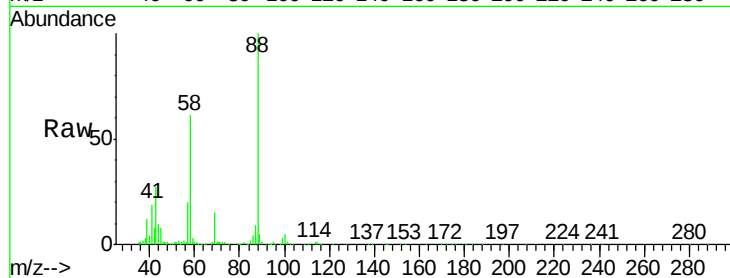
ClientSampleId :

VX0126WBSD01

Tot Ion:	88	Resp:	53572
Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.2	33.4
58	62.8	51.0	76.4

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#50

Toluene-d8

Concen: 50.595 ug/l

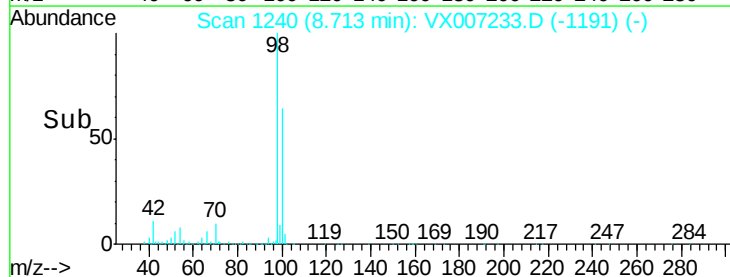
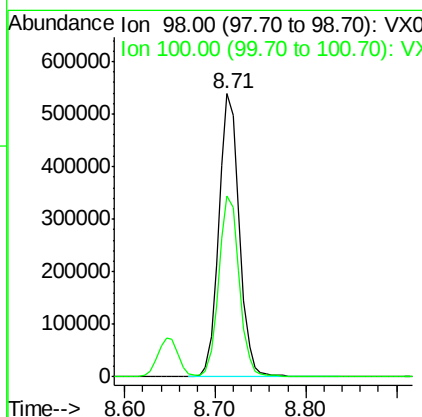
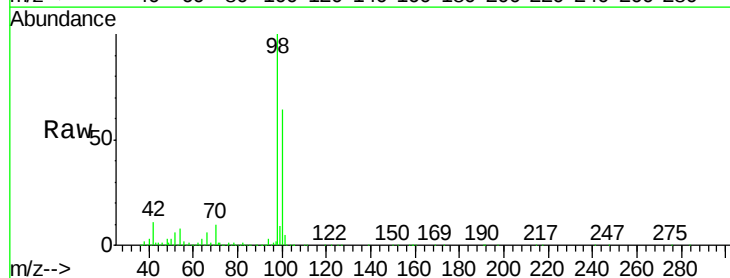
RT: 8.71 min Scan# 1240

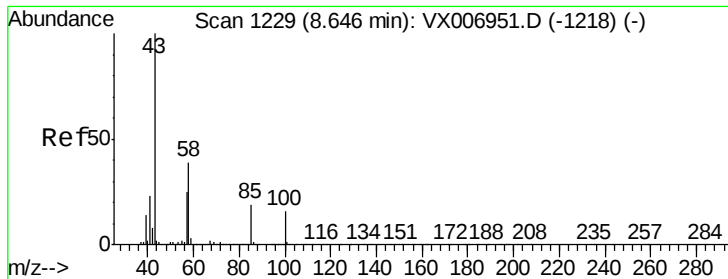
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	98	Resp:	847905
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





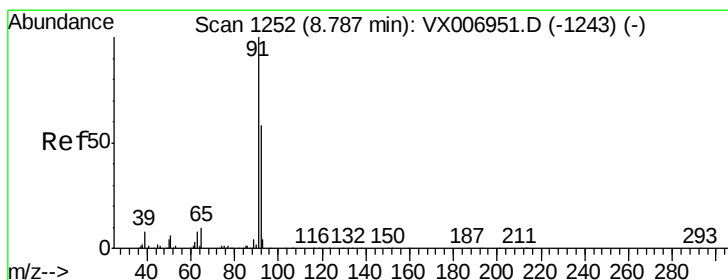
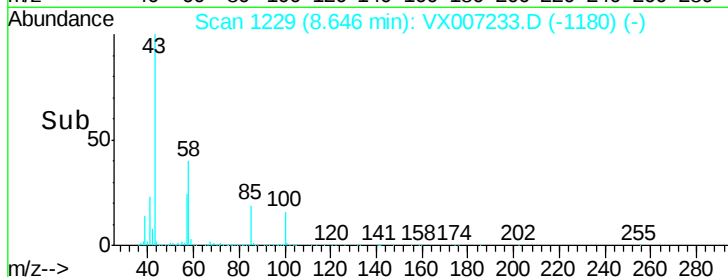
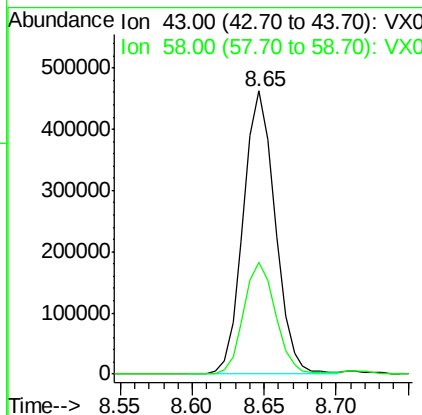
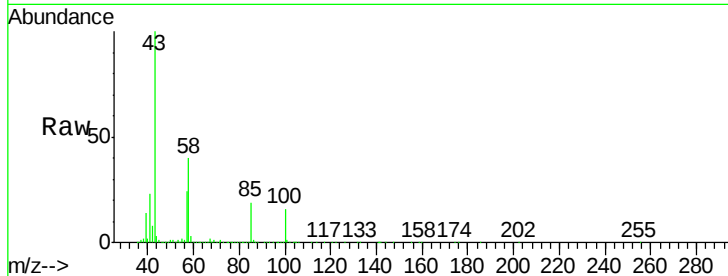
#51
 4-Methyl-2-Pentanone
 Concen: 105.268 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.6

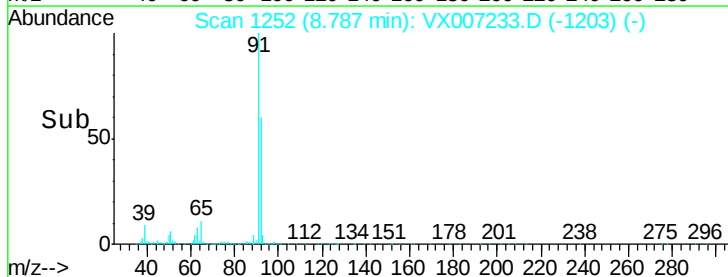
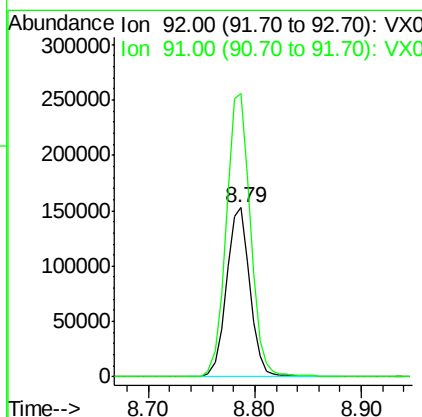
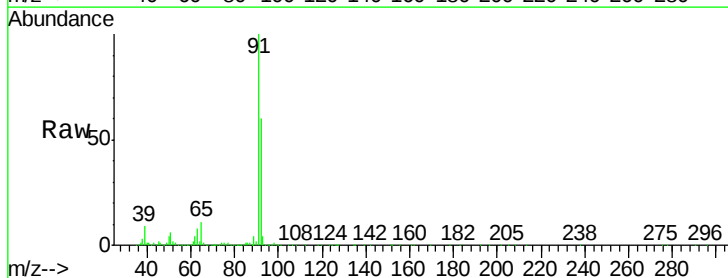
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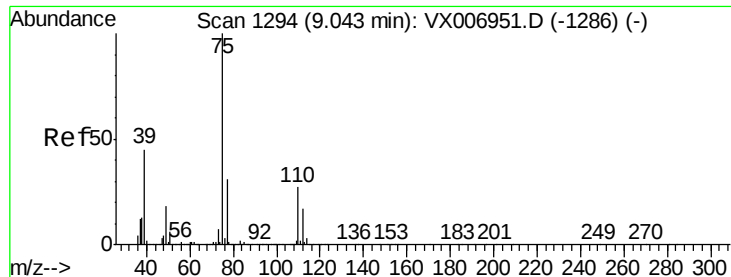
MMDadoda
 1/28/2019 12:01:46 PM



#52
 Toluene
 Concen: 19.331 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 18.844 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 75 Resp: 119193

Ion Ratio Lower Upper

75 100

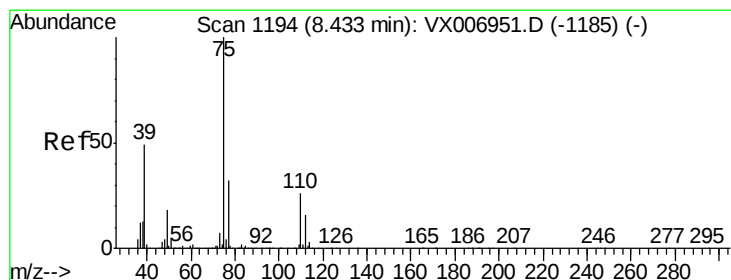
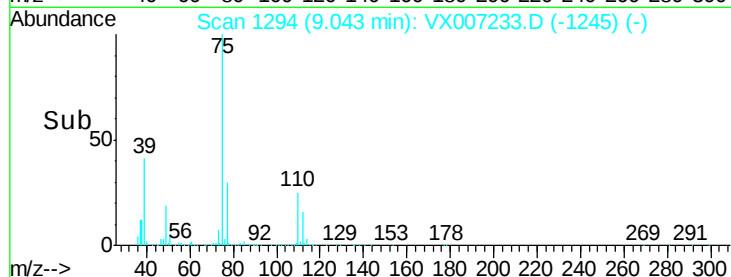
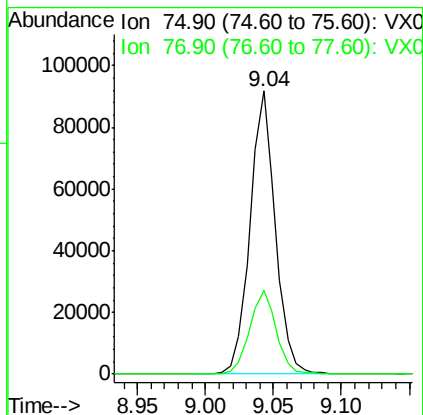
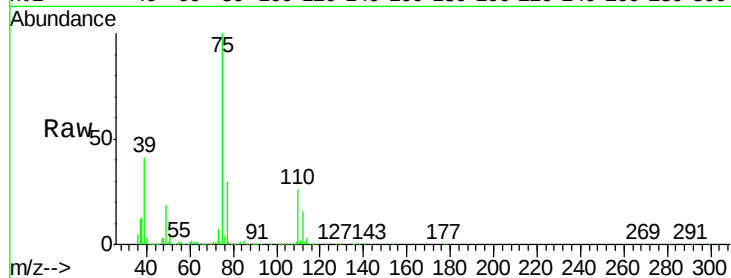
77 29.6 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.123 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

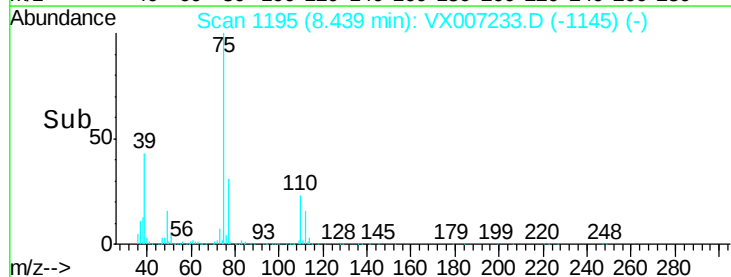
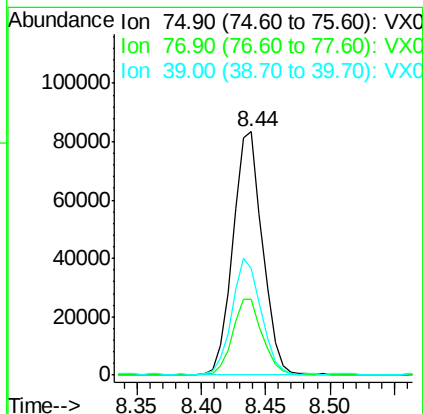
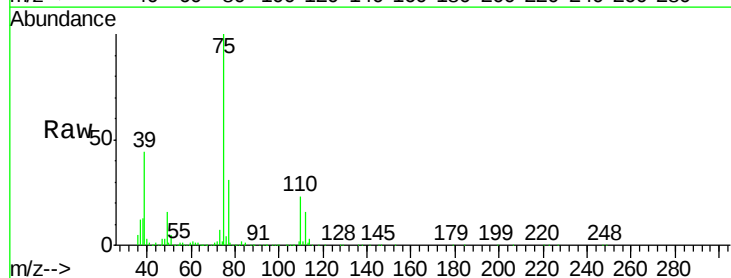
Tgt Ion: 75 Resp: 133576

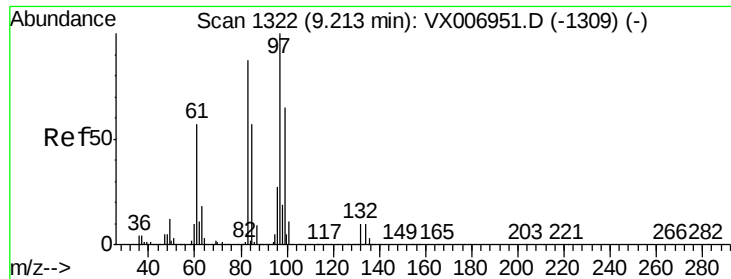
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

39 43.3 36.7 55.1





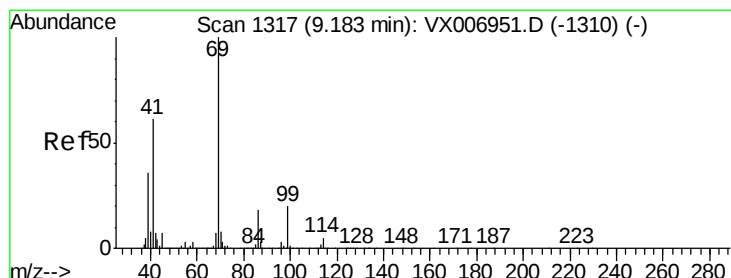
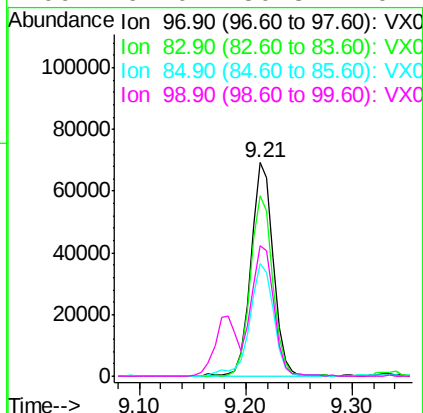
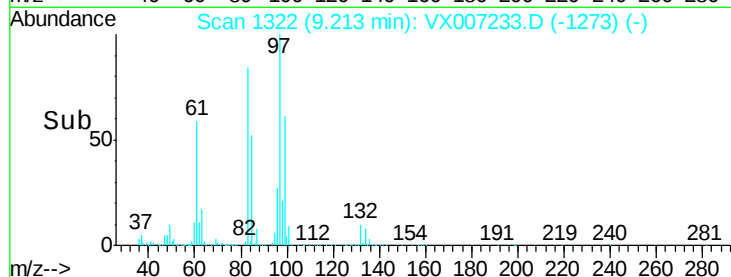
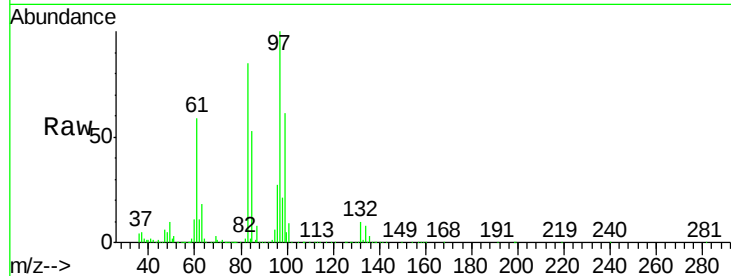
#55
1,1,2-Trichloroethane
Concen: 21.054 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.6	99.8
85	52.4	42.7	64.1
99	61.0	50.8	76.2

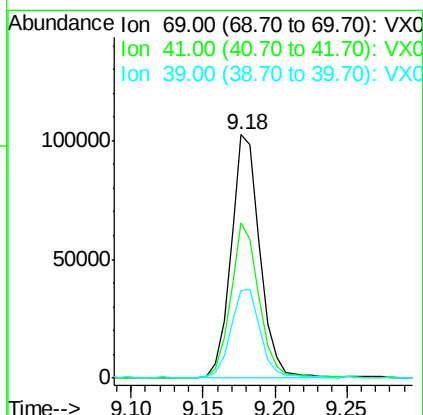
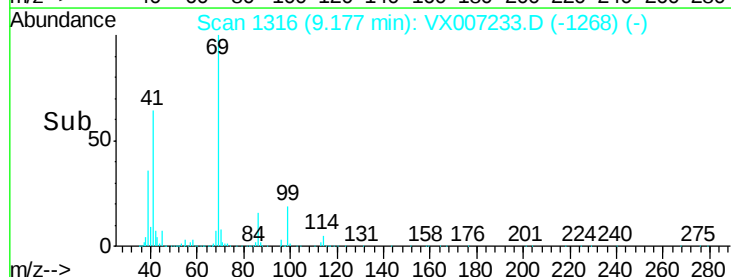
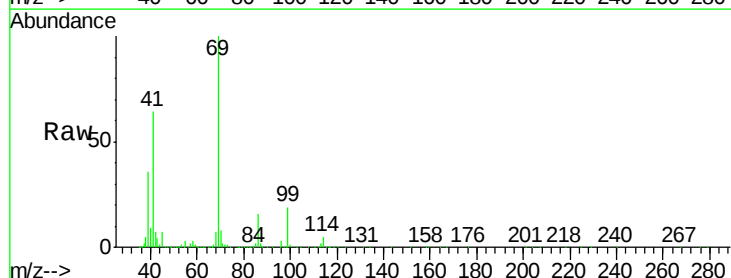
Manual Integrations
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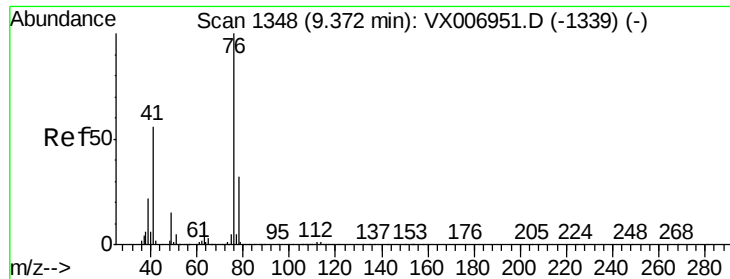
MMDadoda
1/28/2019 12:01:46 PM



#56
Ethyl methacrylate
Concen: 20.065 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.4	48.7	73.1
39	37.2	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.272 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 76 Resp: 162047

Ion Ratio Lower Upper

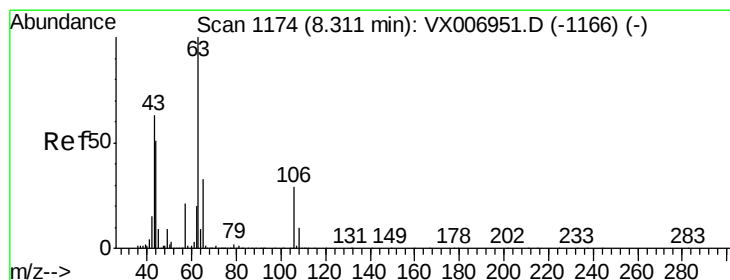
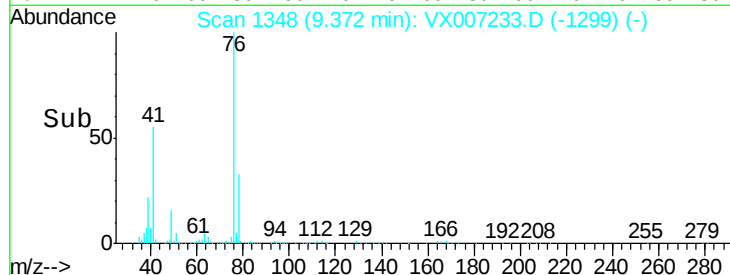
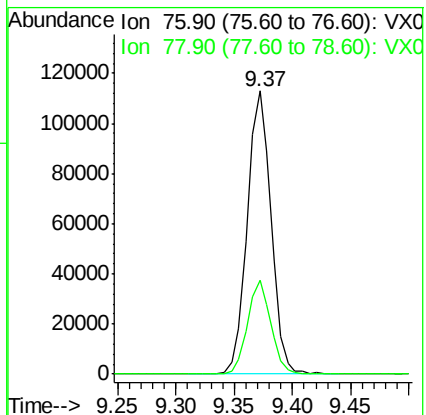
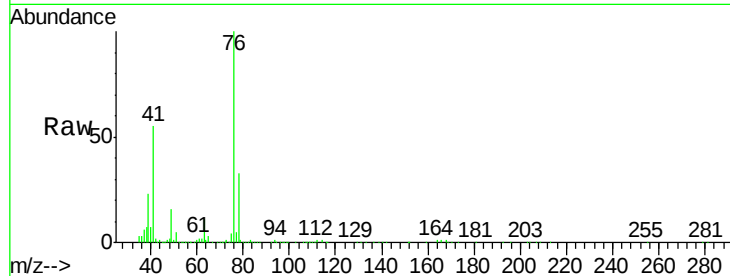
76 100

78 32.8 26.0 39.0

Manual Integrations
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1/28/2019 12:01:46 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.941 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007233.D

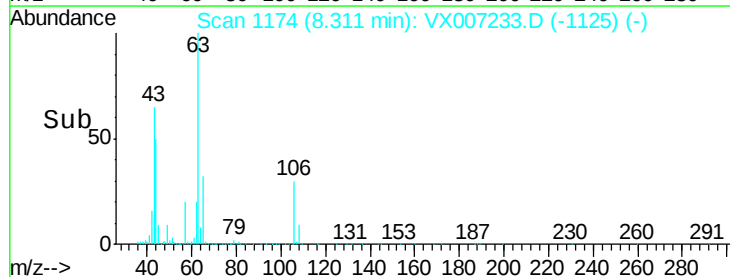
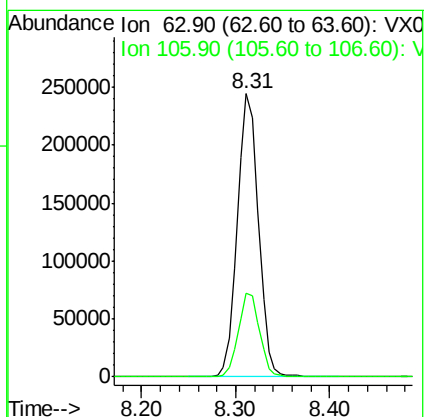
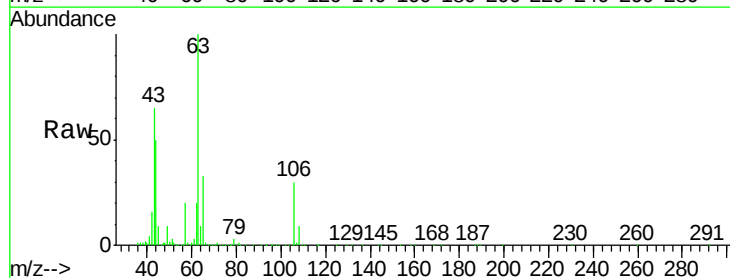
Acq: 25 Jan 2019 17:08

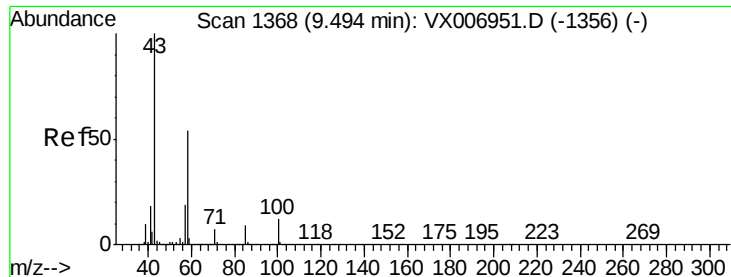
Tgt Ion: 63 Resp: 380682

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8





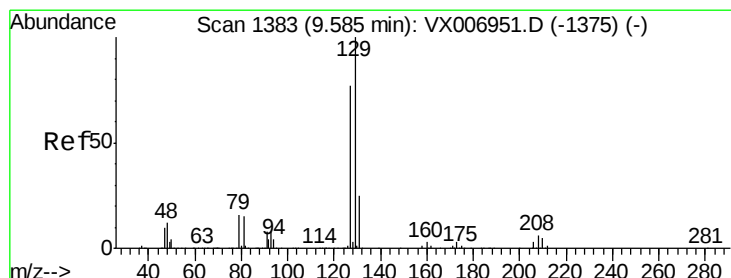
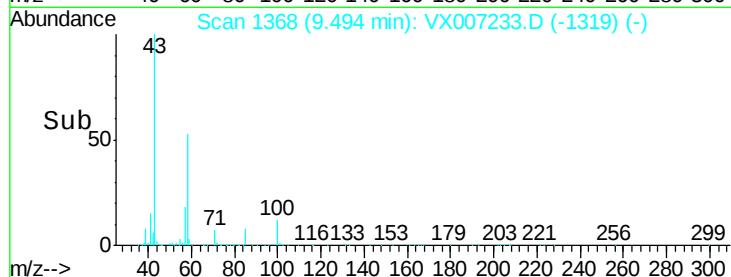
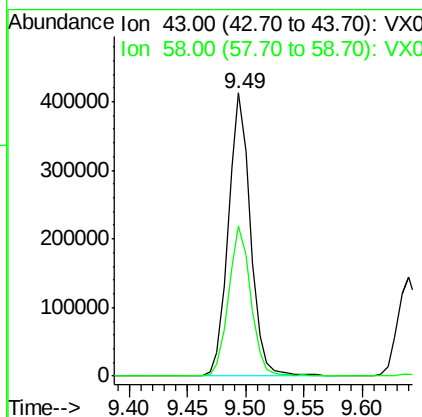
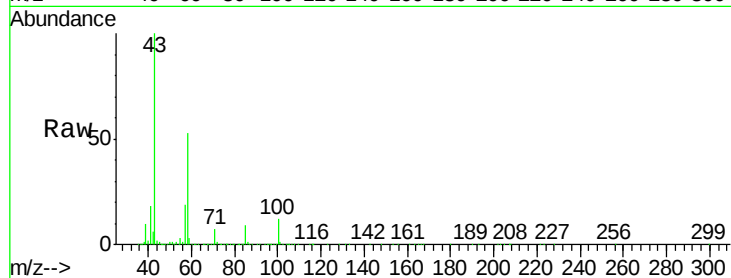
#59
2-Hexanone
Concen: 105.866 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion: 43 Resp: 544997
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

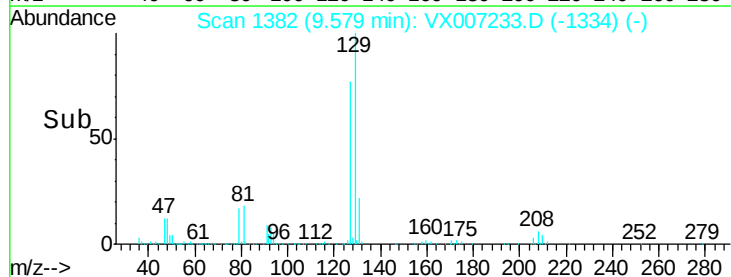
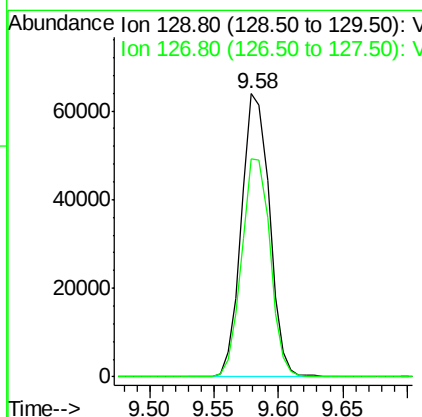
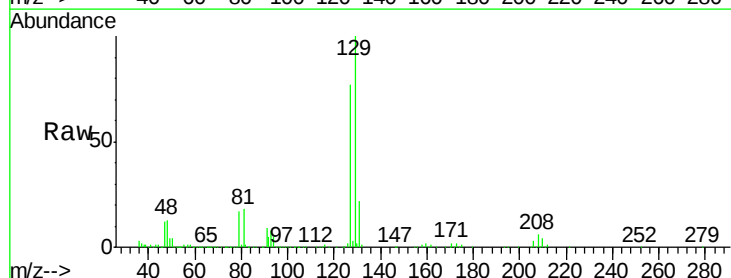
Manual Integrations
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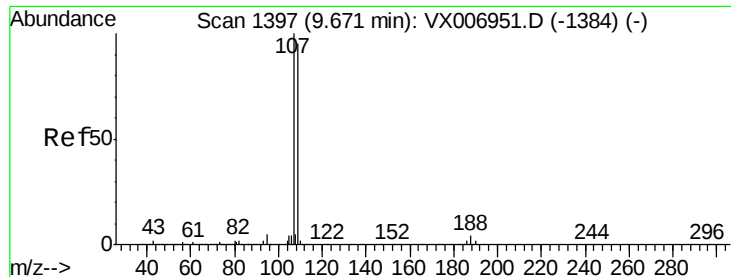
MMDadoda
1/28/2019 12:01:46 PM



#60
Dibromochloromethane
Concen: 20.353 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion: 129 Resp: 96435
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.925 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 107 Resp: 107033

Ion Ratio Lower Upper

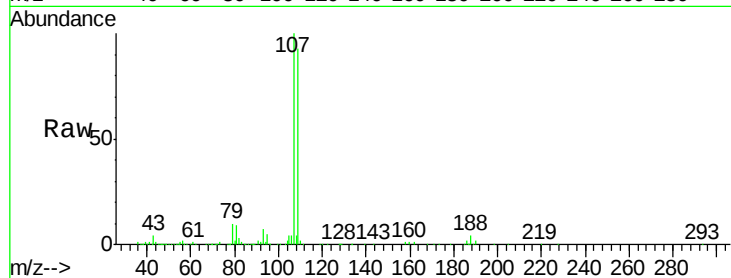
107 100

109 94.2 75.8 113.6

Manual Integrations
APPROVED

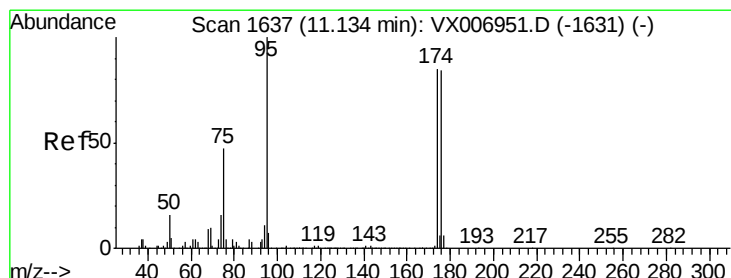
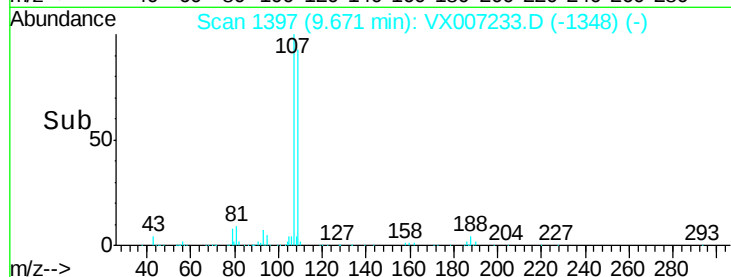
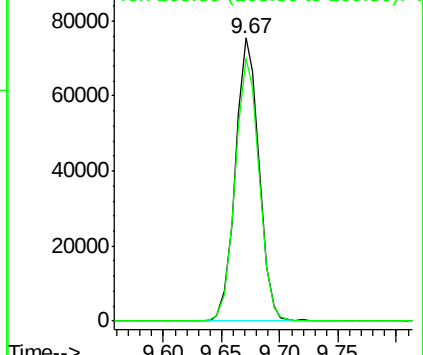
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

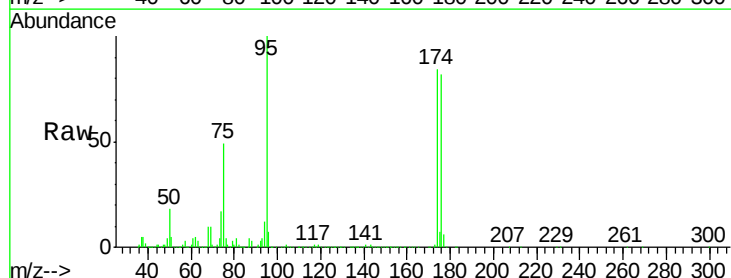
Tgt Ion: 95 Resp: 306217

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

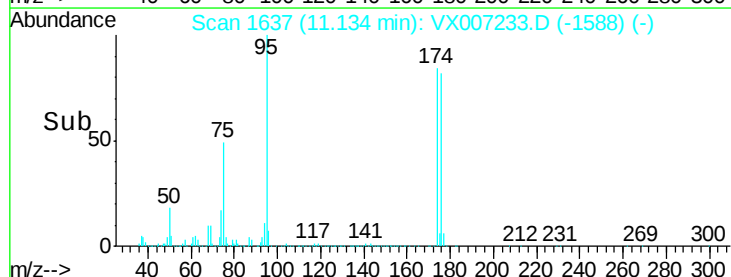
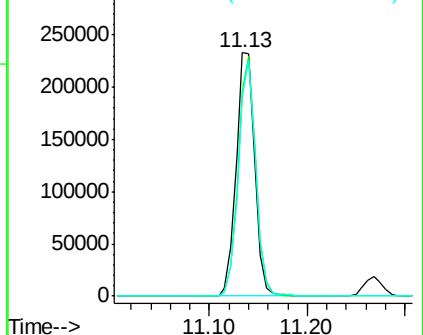
176 90.5 0.0 178.8

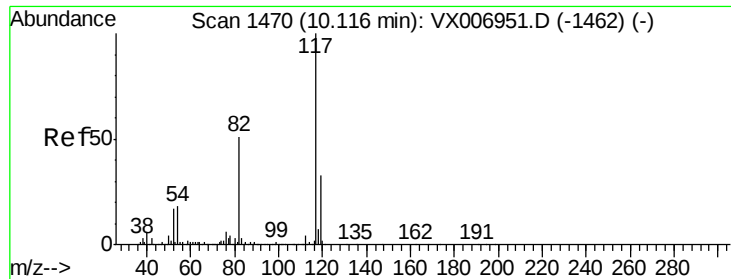


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





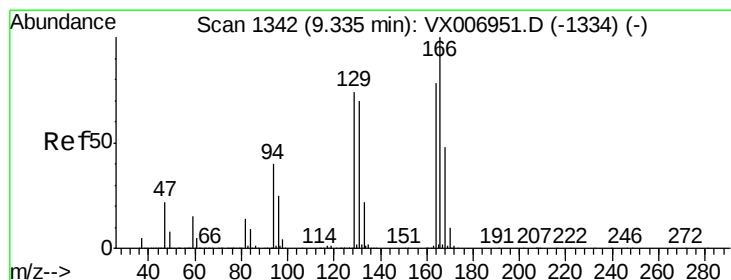
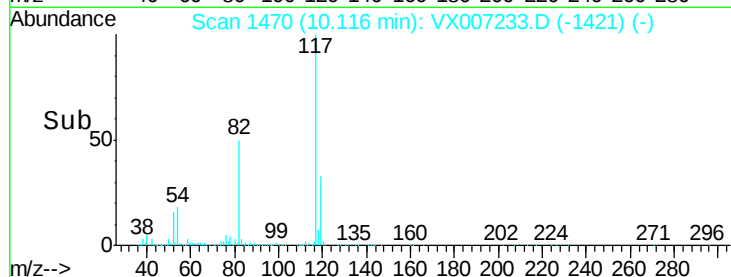
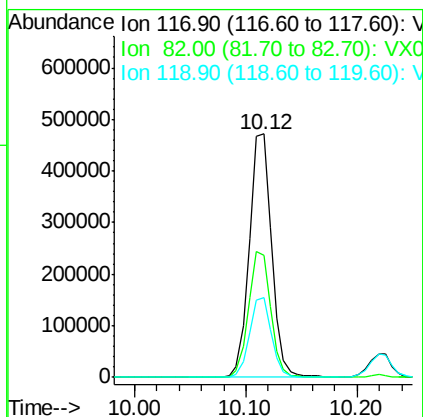
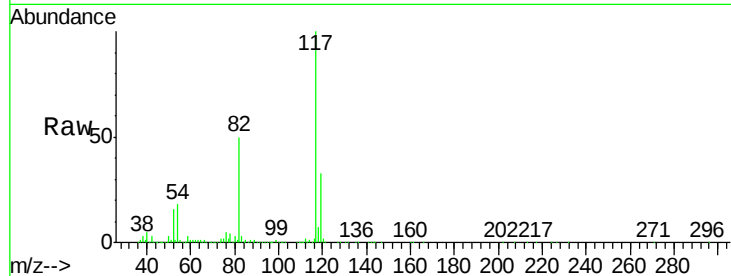
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.0	61.6
119	32.6	25.4	38.0

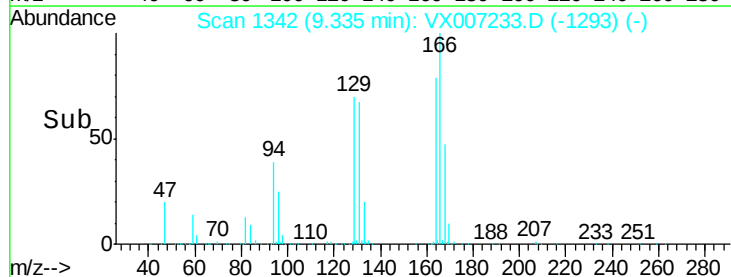
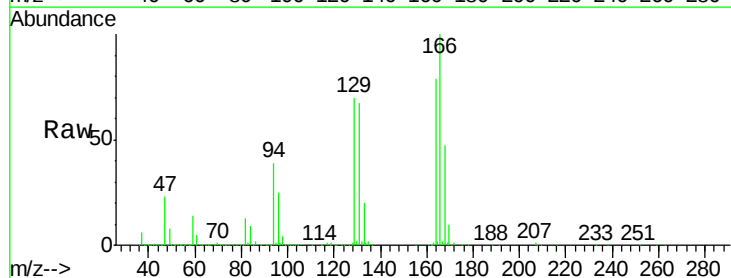
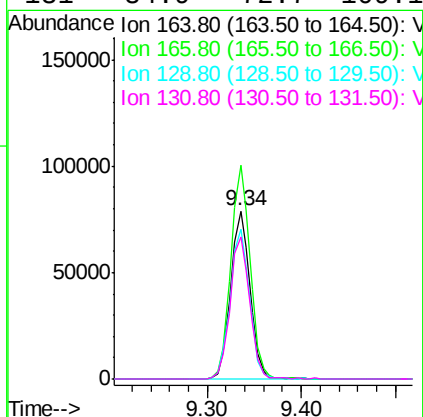
Manual Integrations
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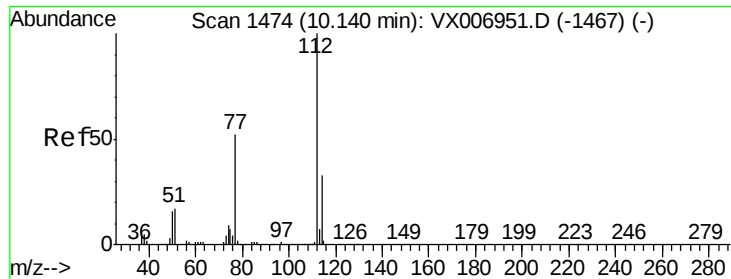
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#64
Tetrachloroethene
Concen: 19.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.5	153.7
129	88.9	75.1	112.7
131	84.9	72.7	109.1





#65

Chlorobenzene

Concen: 19.064 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion:112 Resp: 274154

Ion Ratio Lower Upper

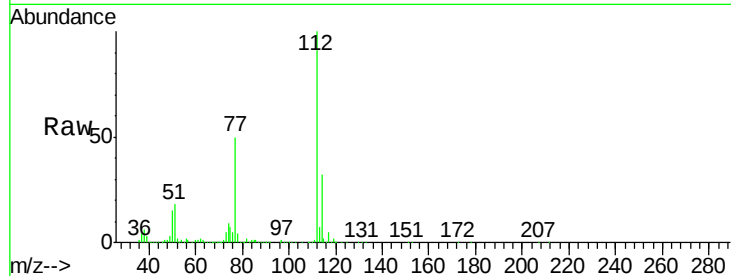
112 100

114 32.2 25.7 38.5

Manual Integrations
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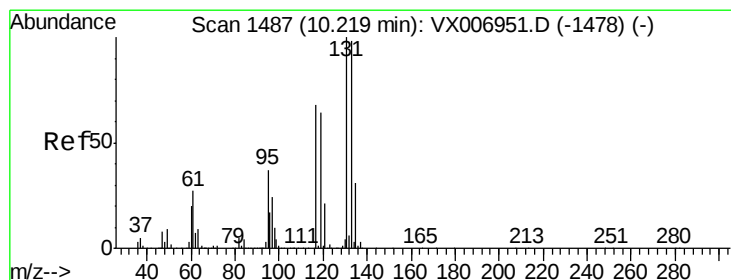
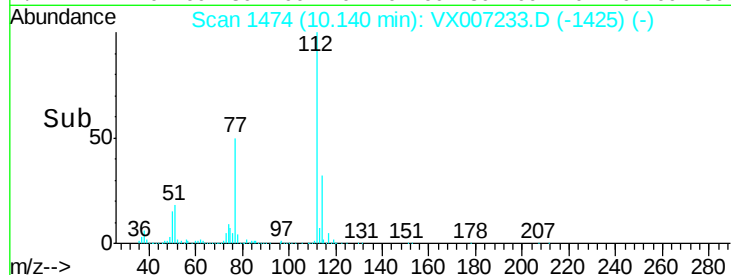
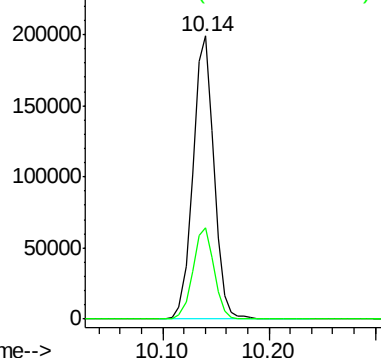
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.465 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

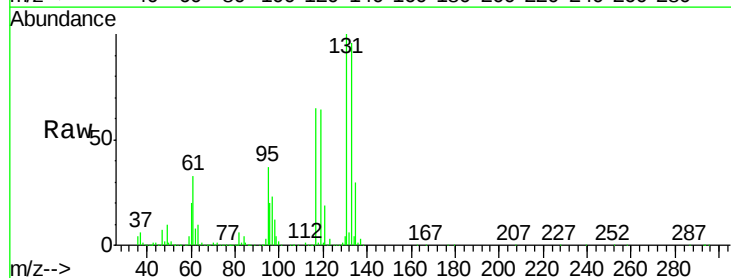
Tgt Ion:131 Resp: 99003

Ion Ratio Lower Upper

131 100

133 93.3 48.0 144.2

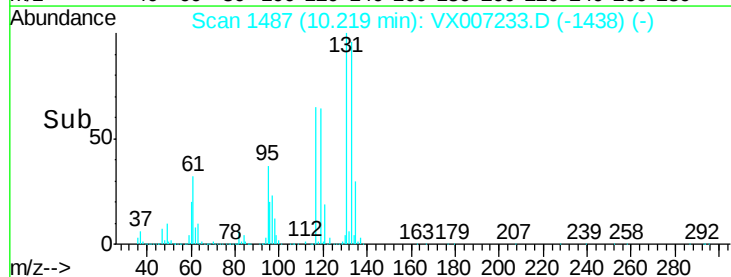
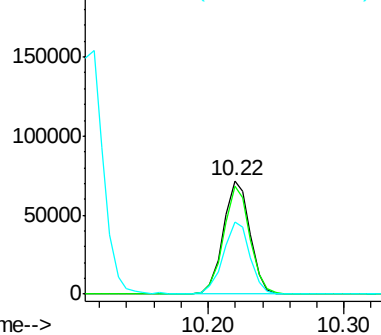
119 63.3 32.6 97.8

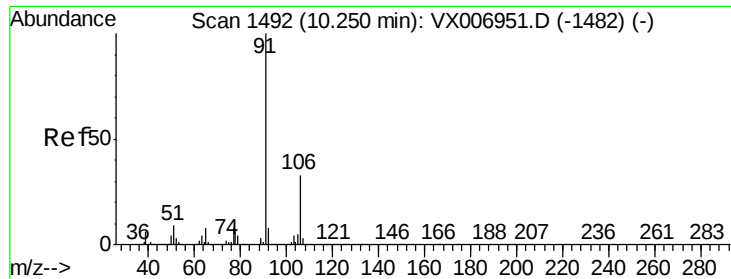


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.526 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 91 Resp: 439817

Ion Ratio Lower Upper

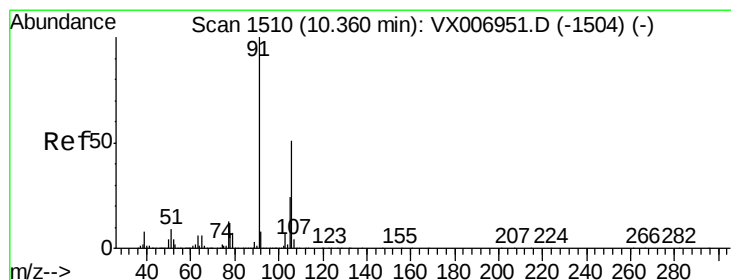
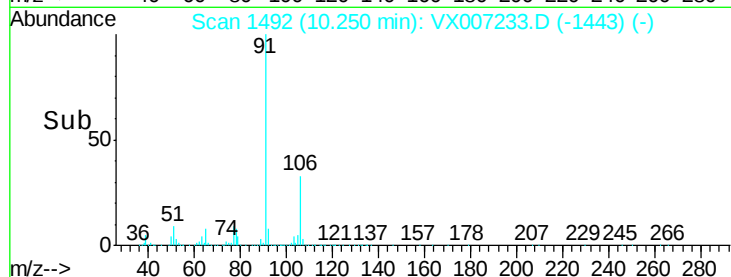
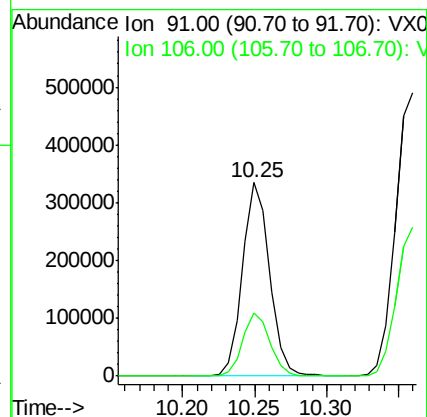
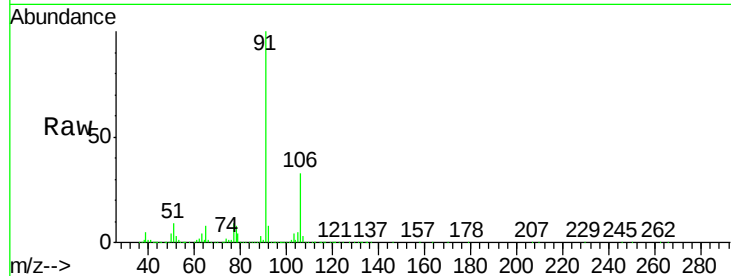
91 100

106 32.6 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.067 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007233.D

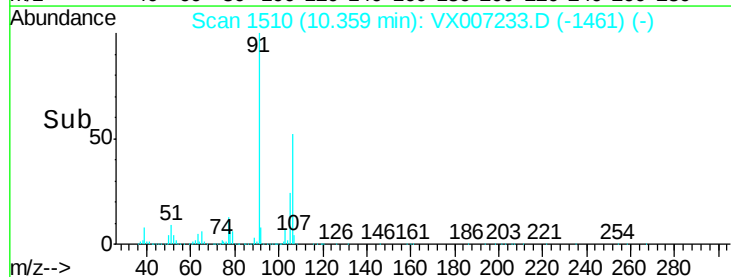
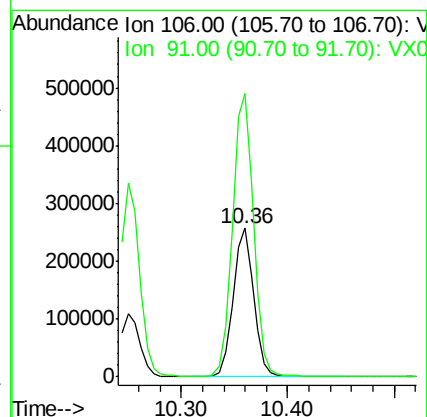
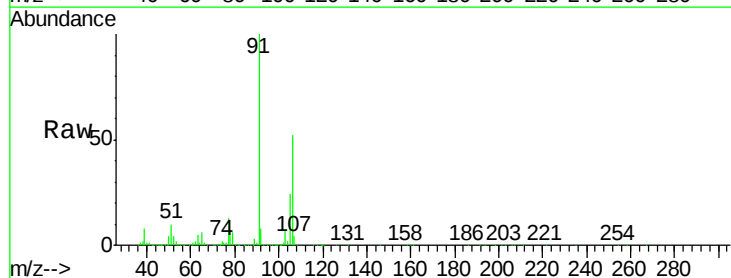
Acq: 25 Jan 2019 17:08

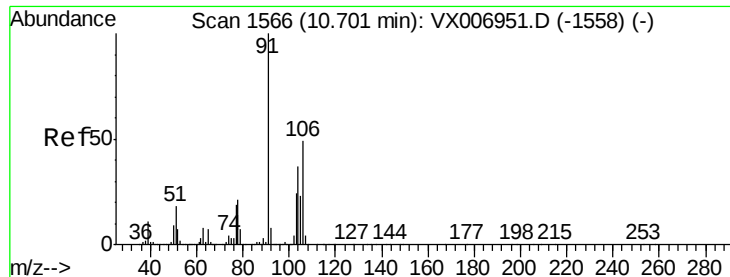
Tgt Ion: 106 Resp: 346696

Ion Ratio Lower Upper

106 100

91 195.4 155.8 233.6





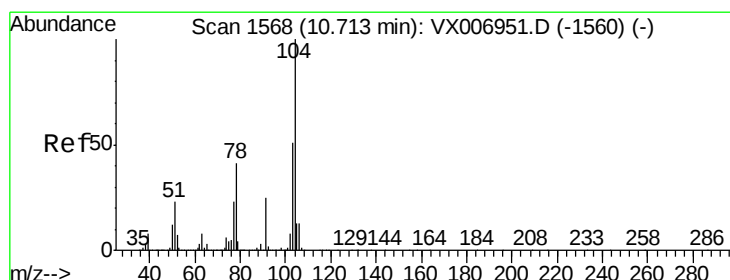
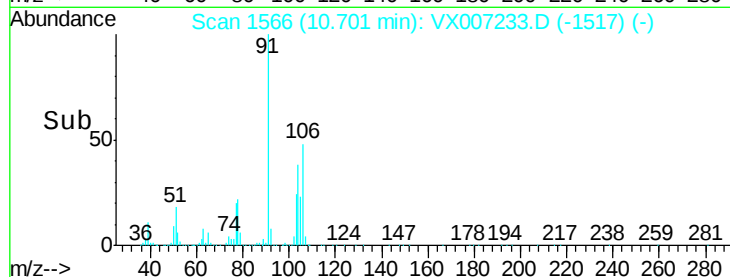
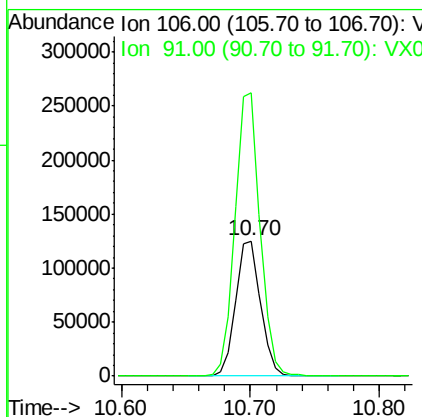
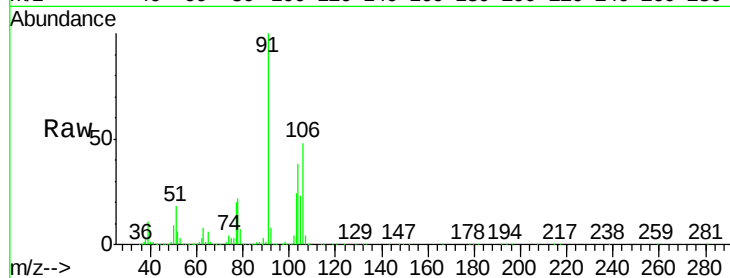
#69
o-Xylene
Concen: 18.625 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	101.3	303.7

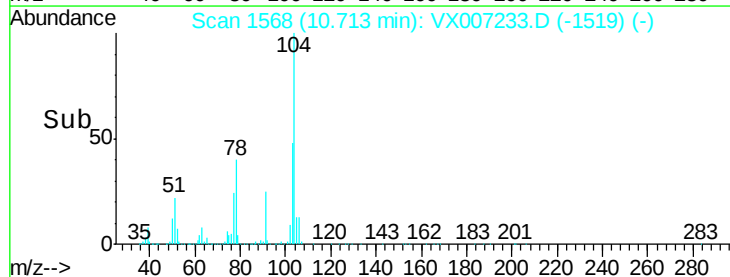
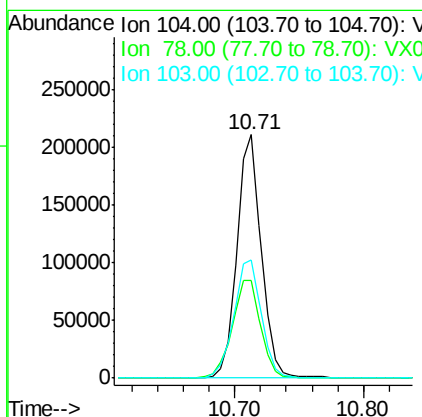
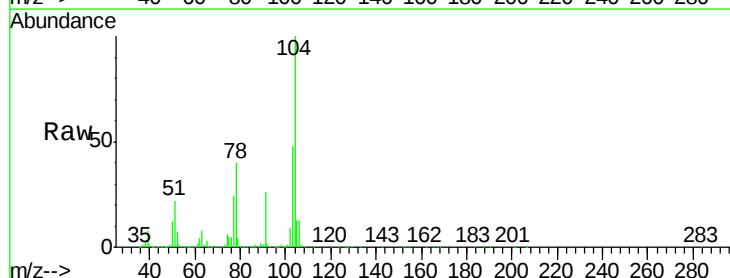
Manual Integrations
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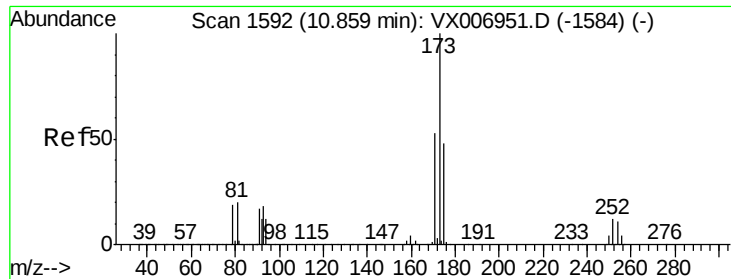
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#70
Styrene
Concen: 19.169 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	55.4	43.8	65.8





#71

Bromoform

Concen: 19.902 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion:173 Resp: 72533

Ion Ratio Lower Upper

173 100

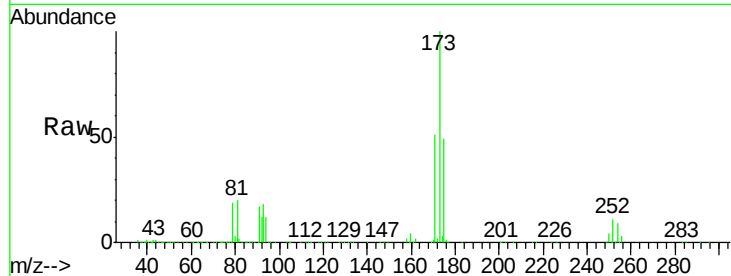
175 48.6 24.7 74.1

254 0.2 0.2 0.2

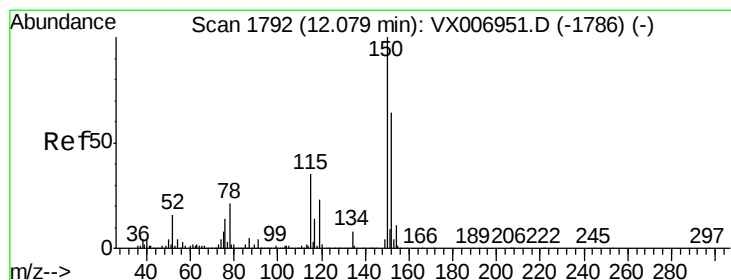
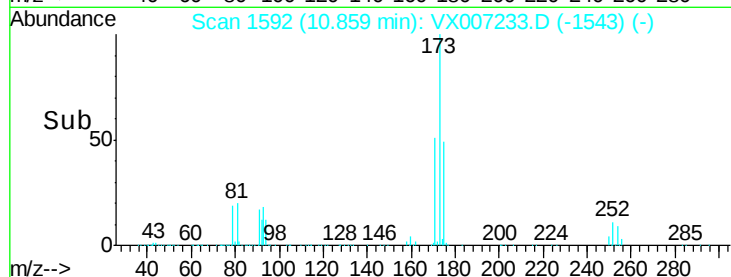
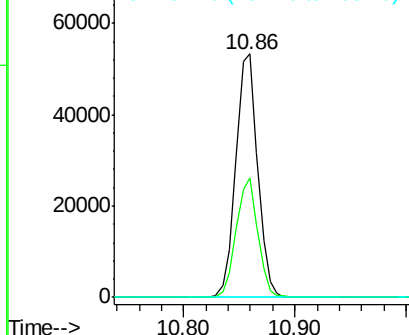
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

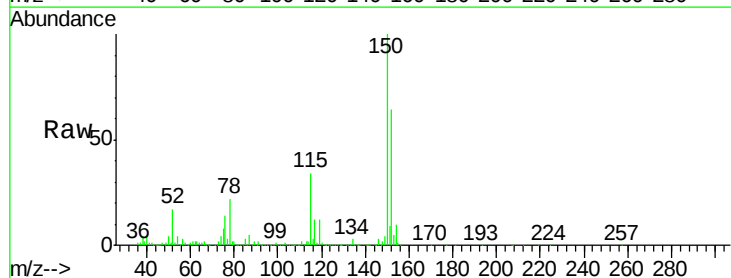
Tgt Ion:152 Resp: 334261

Ion Ratio Lower Upper

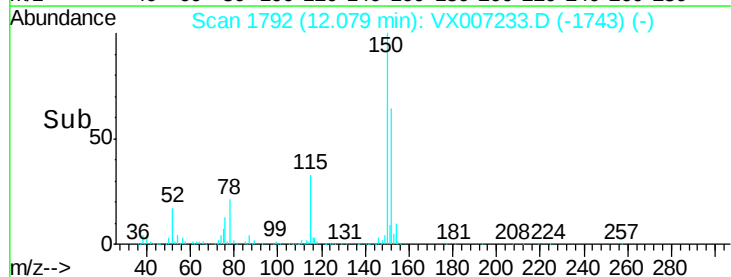
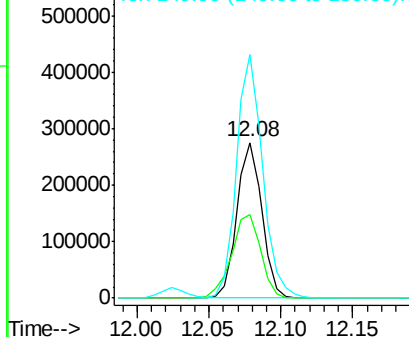
152 100

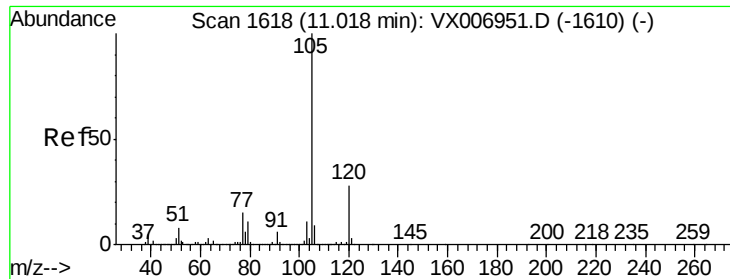
115 62.9 39.1 117.2

150 163.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.357 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 105 Resp: 456254

Ion Ratio Lower Upper

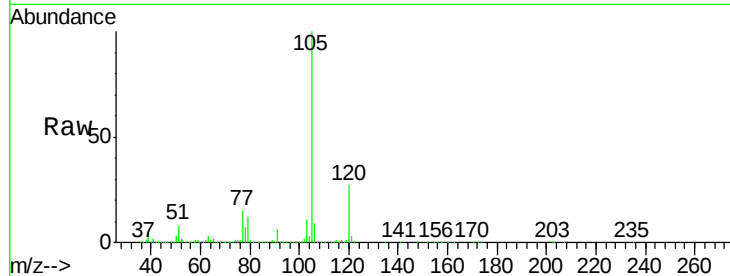
105 100

120 28.0 14.1 42.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

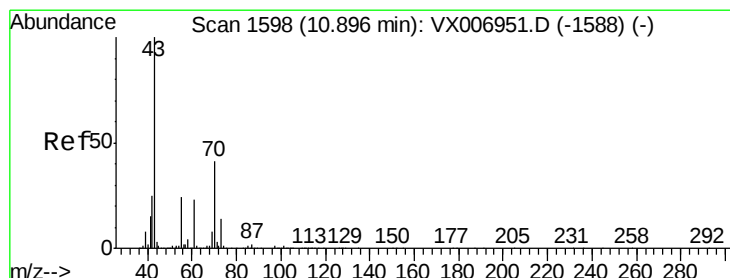
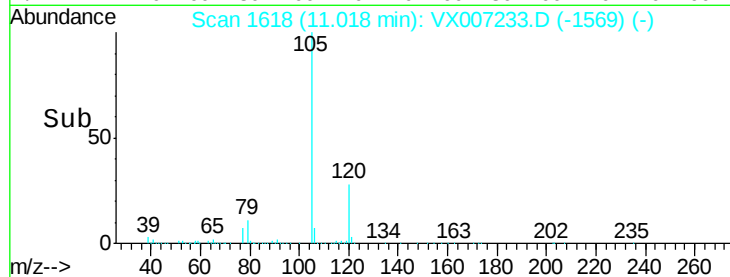
200000

100000

0

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.508 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion: 43 Resp: 185128

Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 25.3 19.4 29.0

61 23.8 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

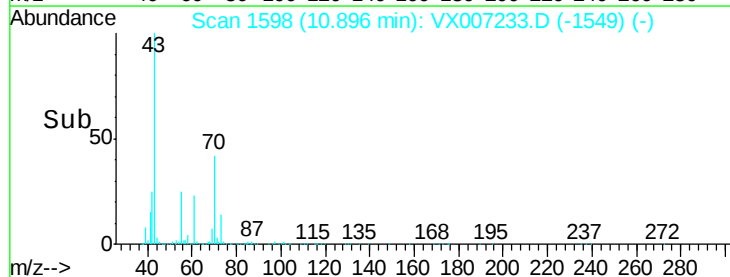
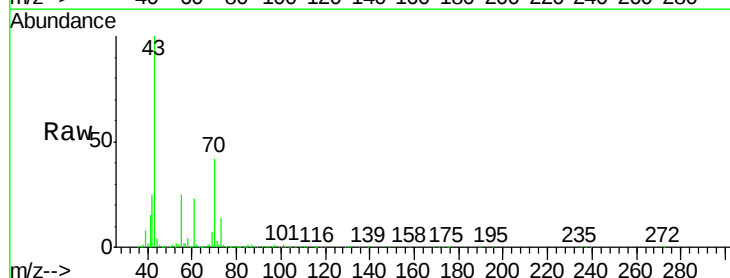
100000

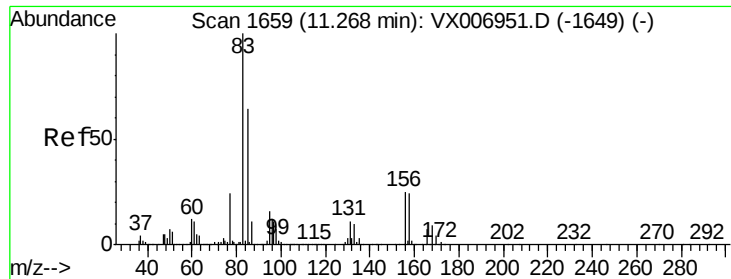
50000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.133 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

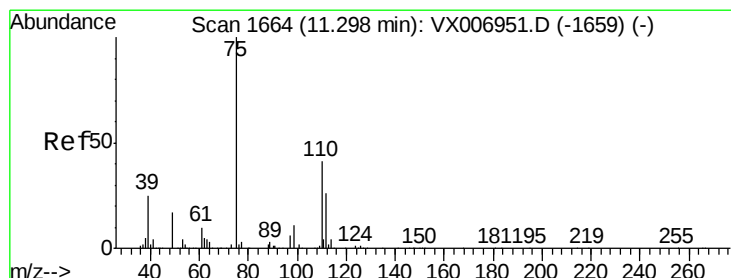
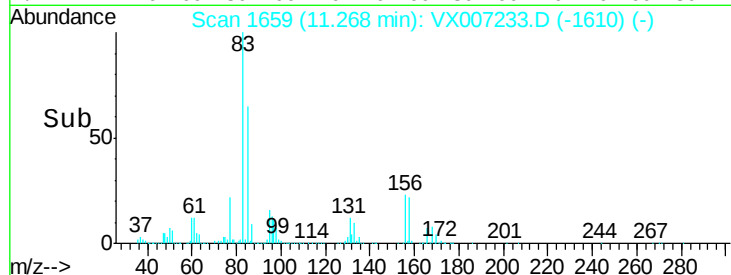
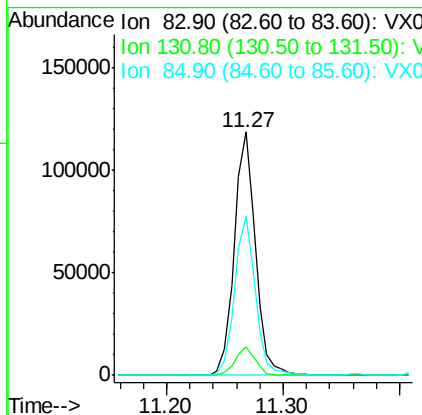
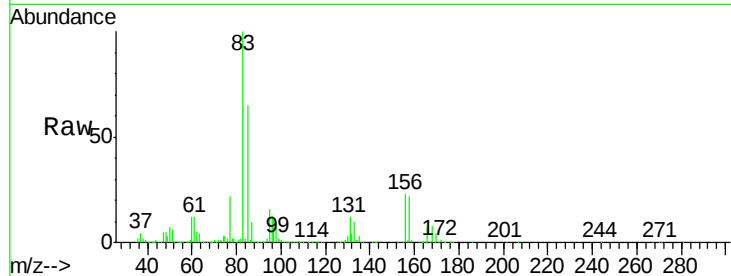
ClientSampleId :

VX0126WBSD01

Tot Ion:	83	Resp:	150647
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.956 ug/l m

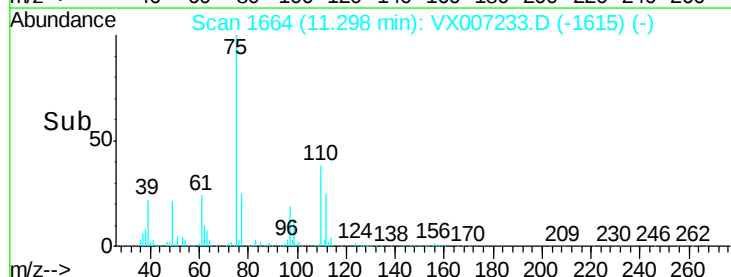
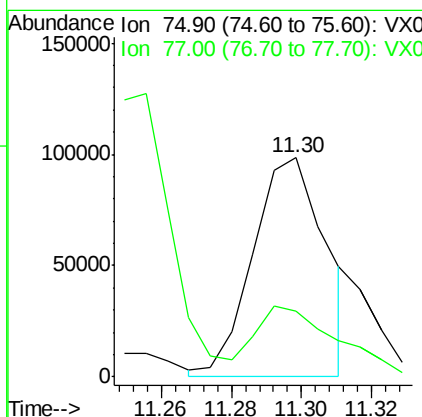
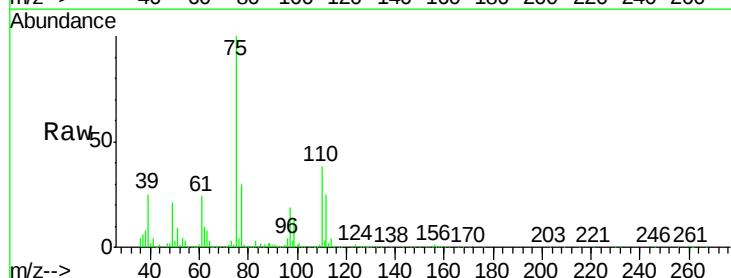
RT: 11.30 min Scan# 1664

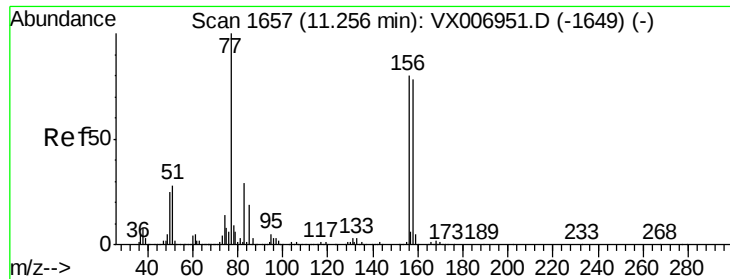
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	75	Resp:	141949
Ion Ratio	Lower	Upper	
75	100		
77	36.1	18.5	55.5





#77

Bromobenzene

Concen: 19.506 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

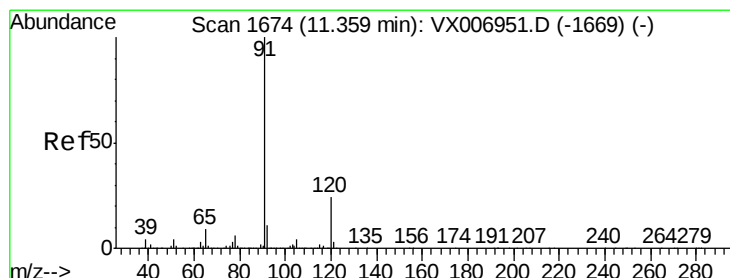
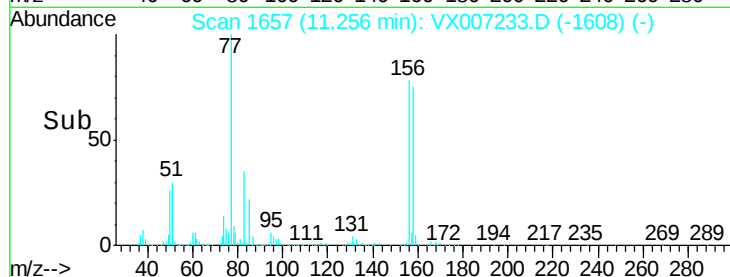
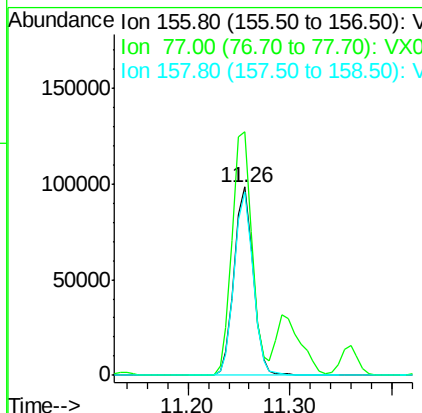
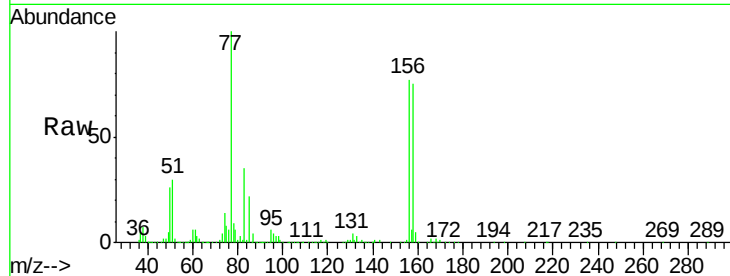
ClientSampleId :

VX0126WBSD01

Tot Ion:	156	Resp:	126683
Ion Ratio	Lower	Upper	
156	100		
77	136.2	68.0	204.0
158	96.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.283 ug/l

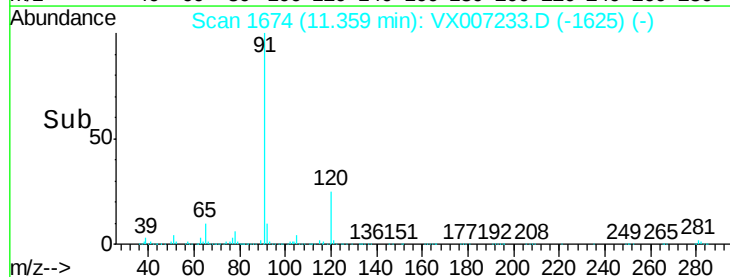
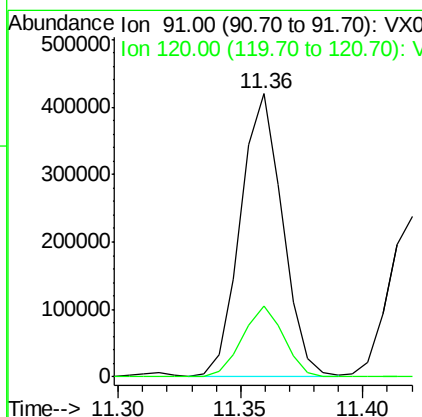
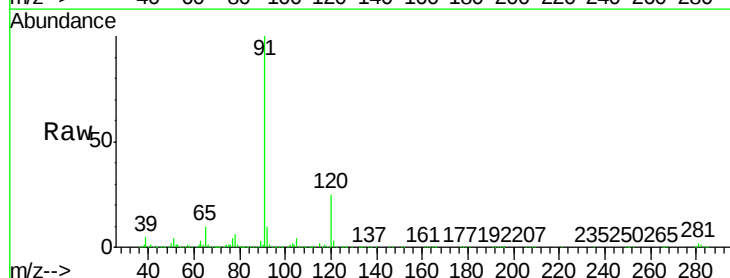
RT: 11.36 min Scan# 1674

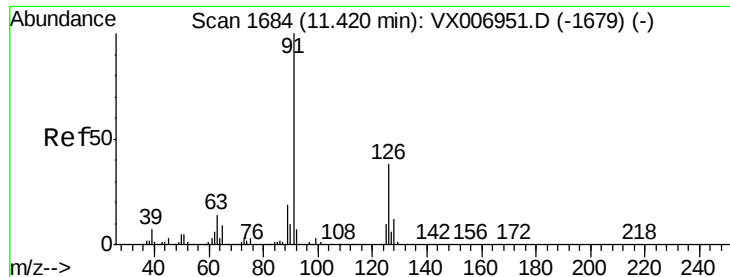
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	91	Resp:	498940
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.261 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion: 91 Resp: 300002

Ion Ratio Lower Upper

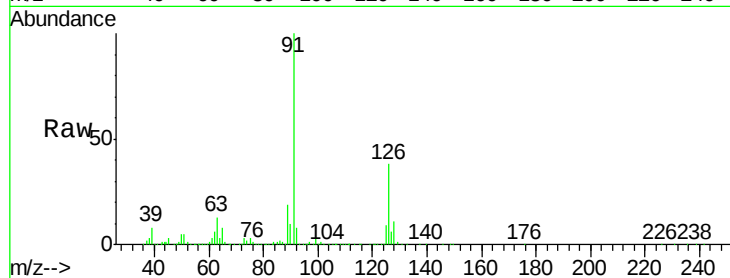
91 100

126 37.9 18.6 56.0

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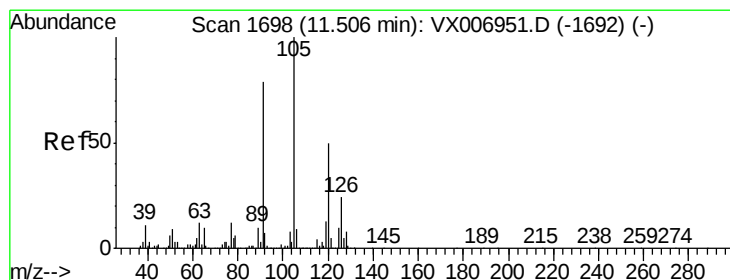
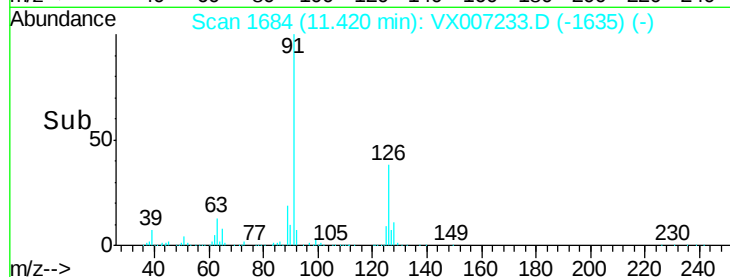
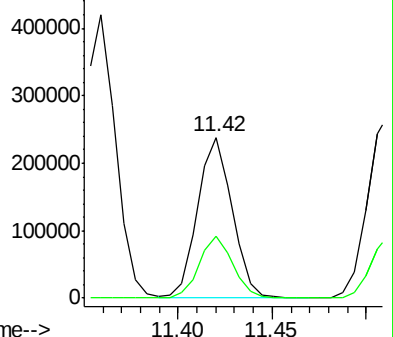
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.070 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007233.D

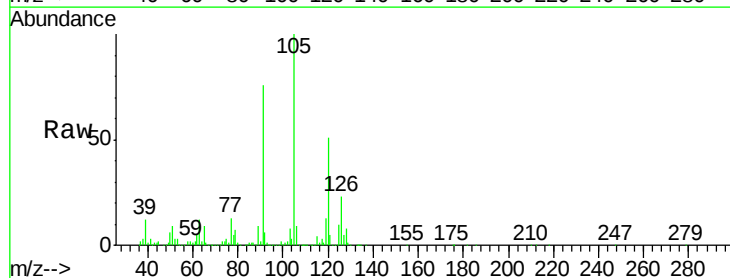
Acq: 25 Jan 2019 17:08

Tgt Ion:105 Resp: 375575

Ion Ratio Lower Upper

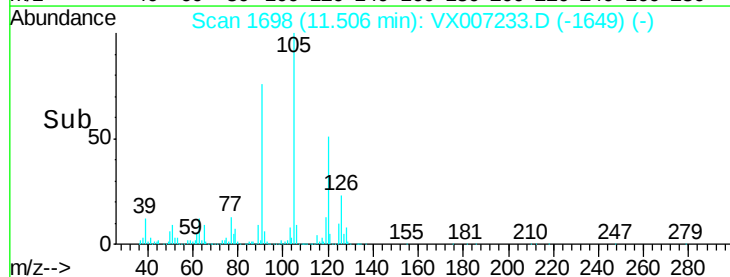
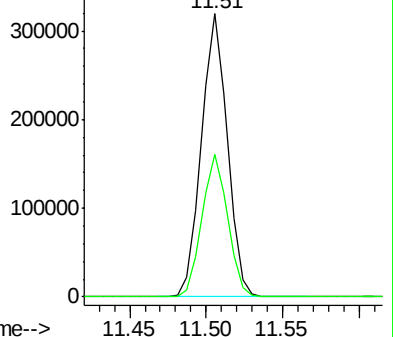
105 100

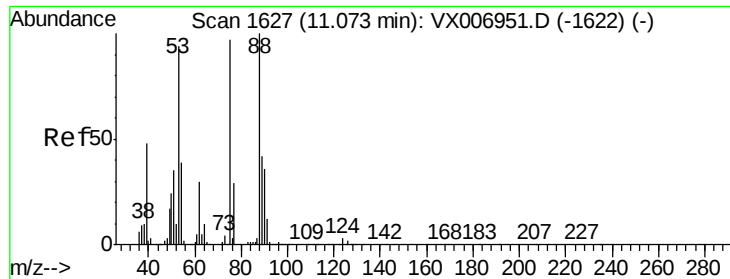
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





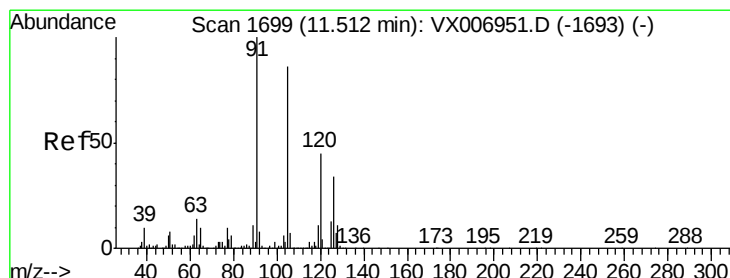
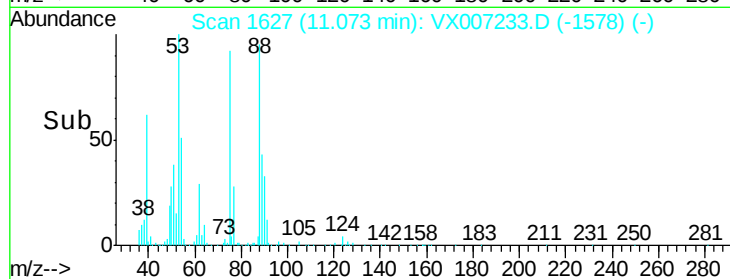
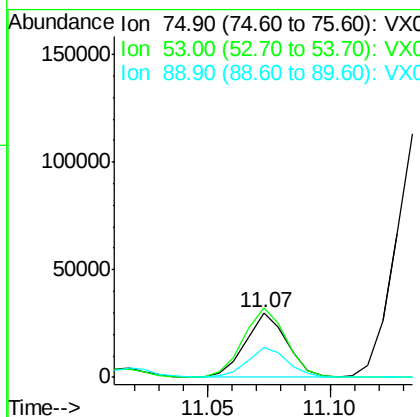
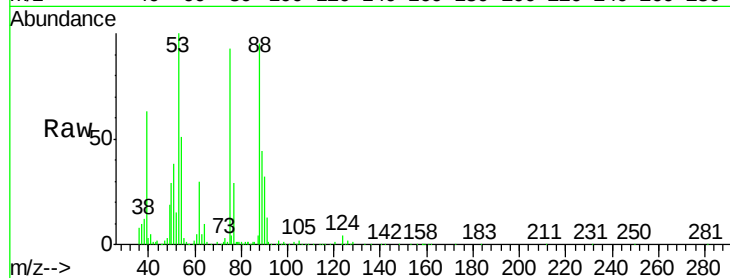
#81
trans-1,4-Dichloro-2-butene
Concen: 18.254 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	79.7	119.5
89	45.7	38.0	57.0

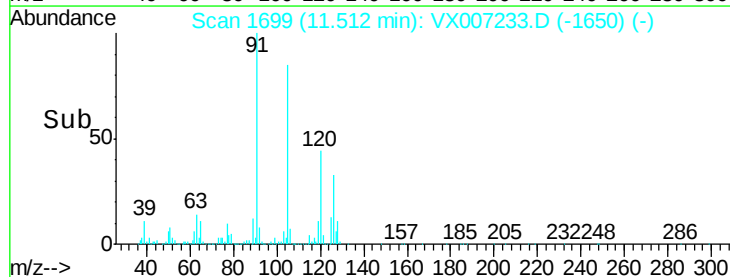
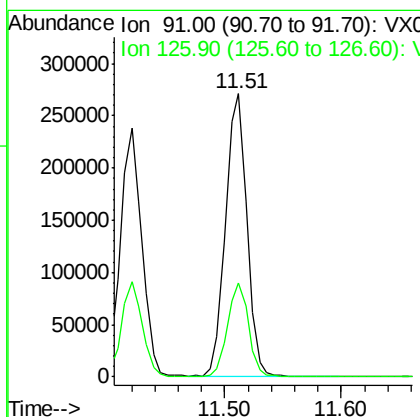
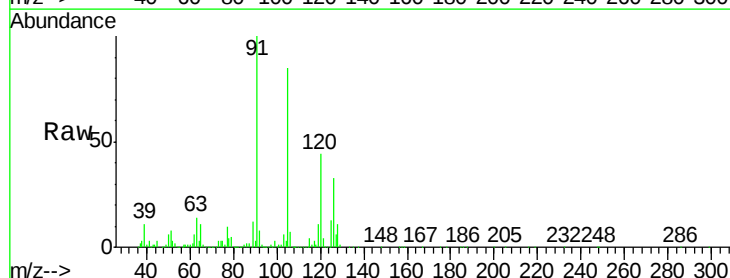
Manual Integrations
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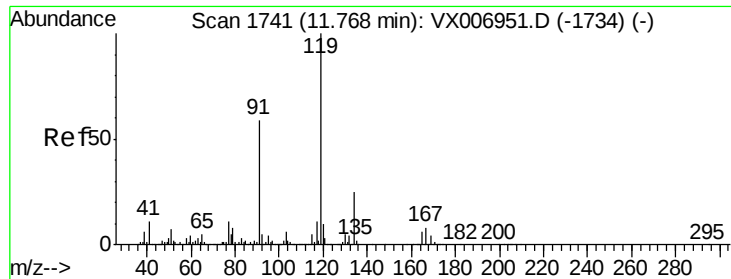
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#82
4-Chlorotoluene
Concen: 19.190 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.9





#83

tert-Butylbenzene

Concen: 18.911 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

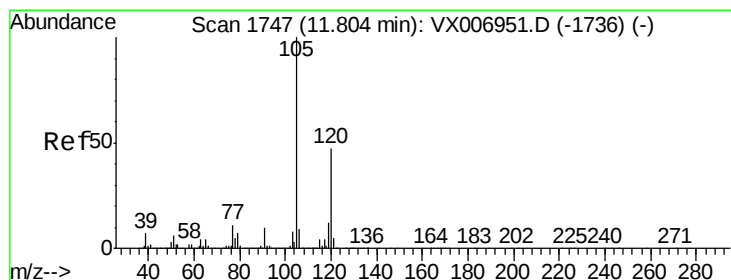
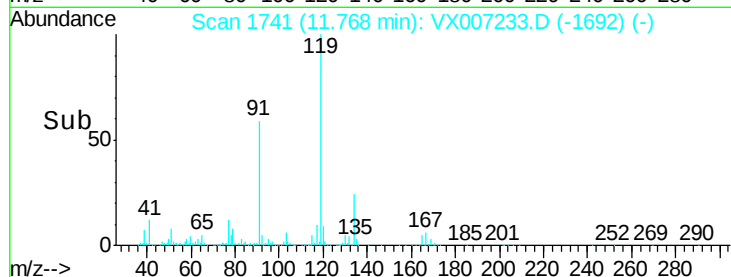
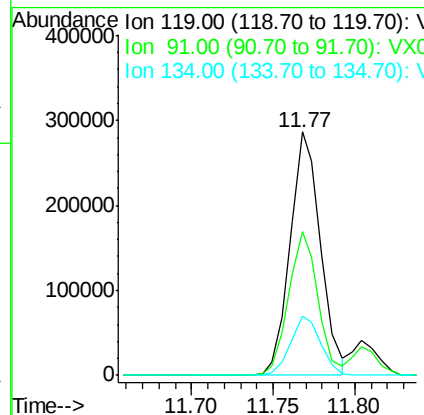
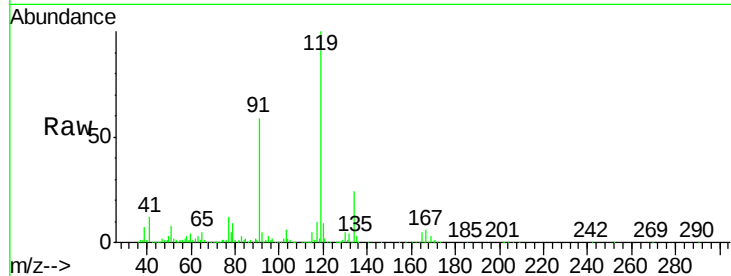
ClientSampleId :

VX0126WBSD01

Tot Ion:	119	Resp:	371606
Ion Ratio	Lower	Upper	
119	100		
91	57.4	27.7	83.1
134	24.3	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.689 ug/l

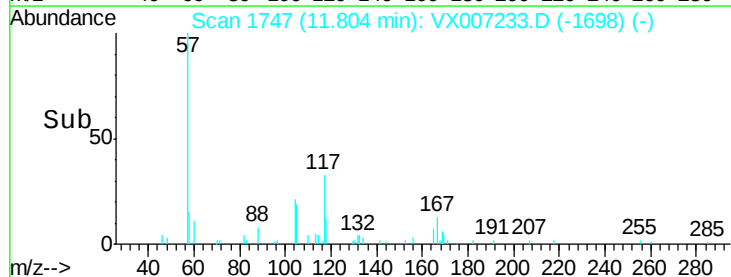
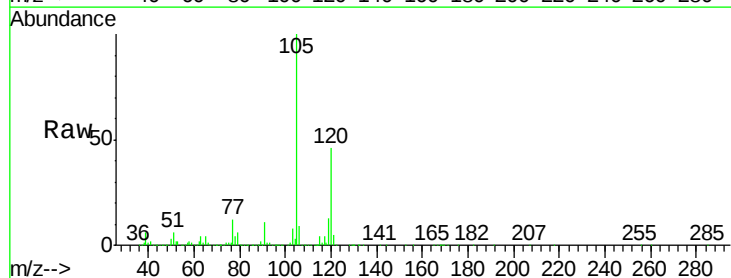
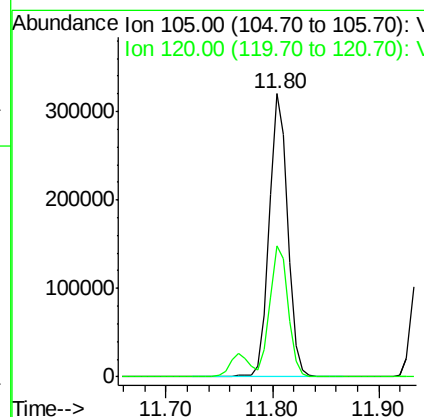
RT: 11.80 min Scan# 1747

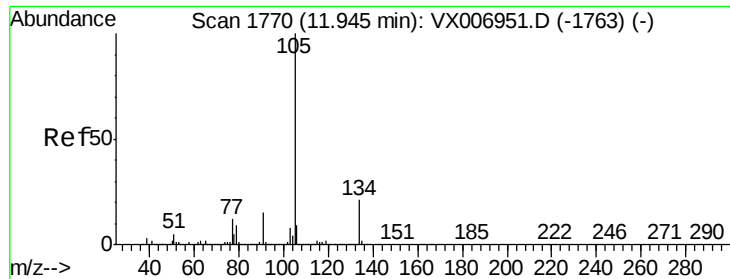
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	105	Resp:	389931
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.311 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBSD01

Tot Ion:105 Resp: 453182

Ion Ratio Lower Upper

105 100

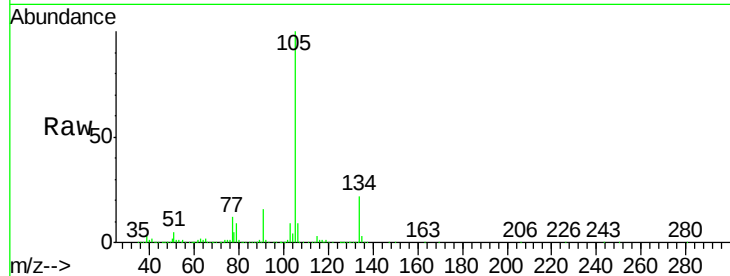
134 21.6 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

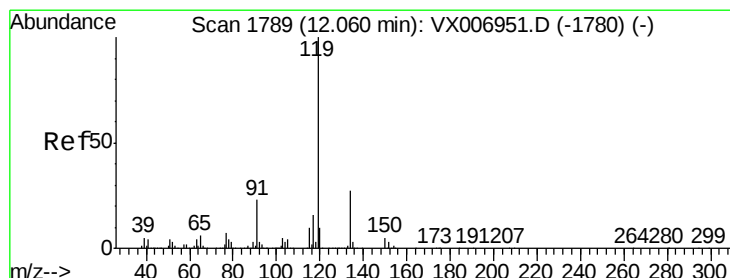
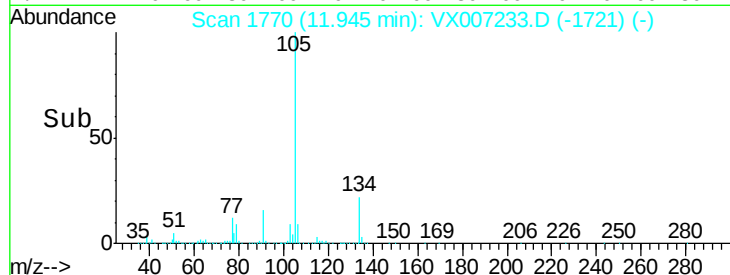
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.545 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

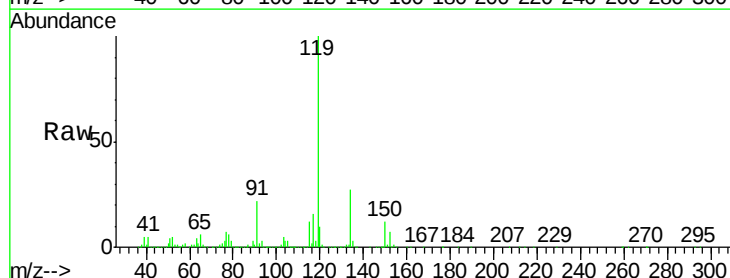
Tgt Ion:119 Resp: 410272

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

91 22.3 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

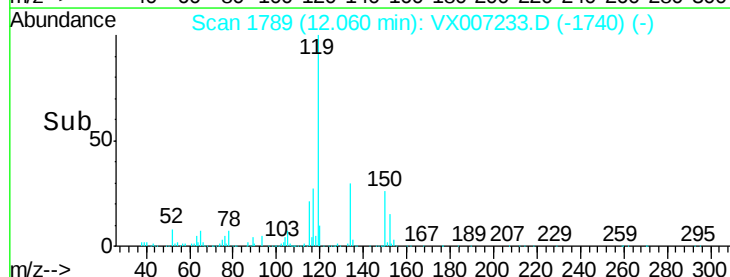
300000

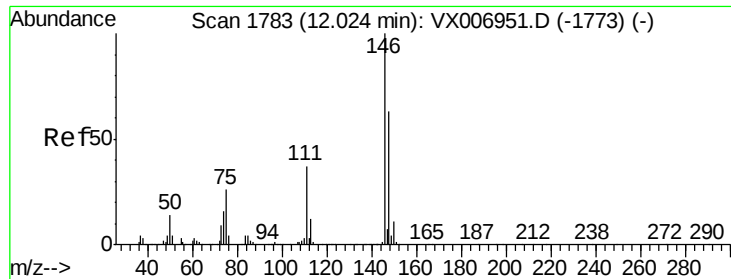
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.091 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

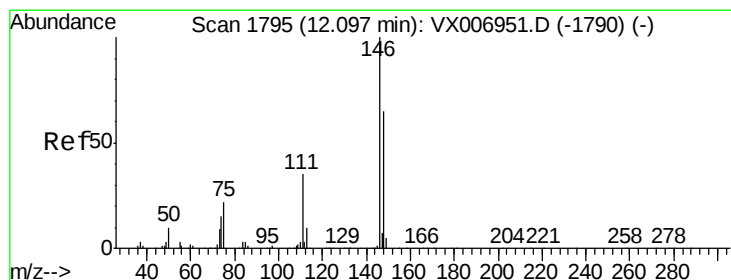
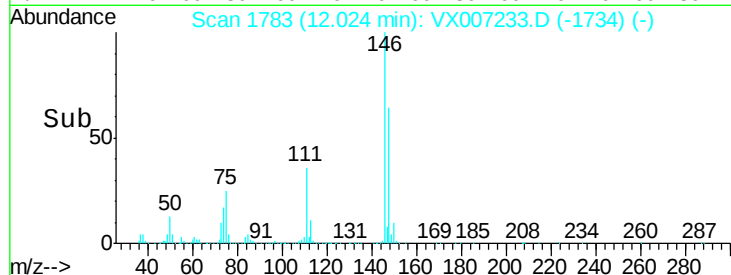
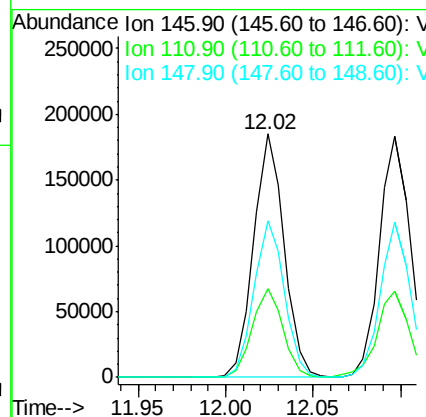
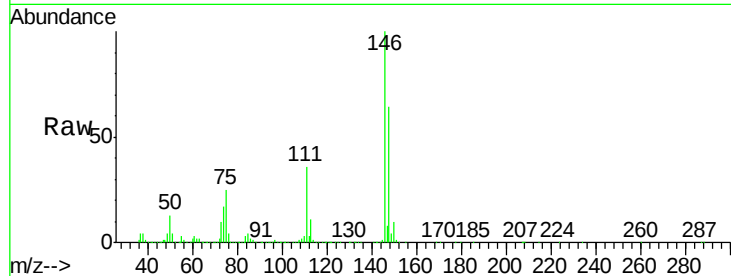
ClientSampleId :

VX0126WBSD01

Tot Ion:	146	Resp:	224105
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.6	55.8
148	64.2	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.169 ug/l

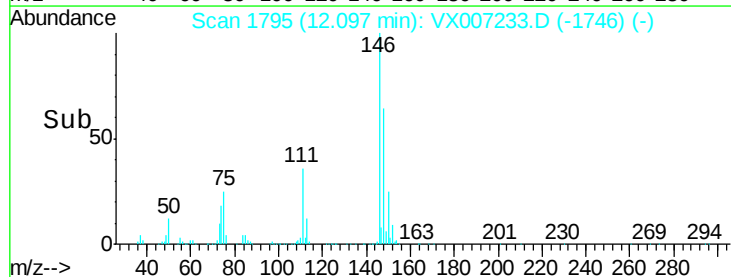
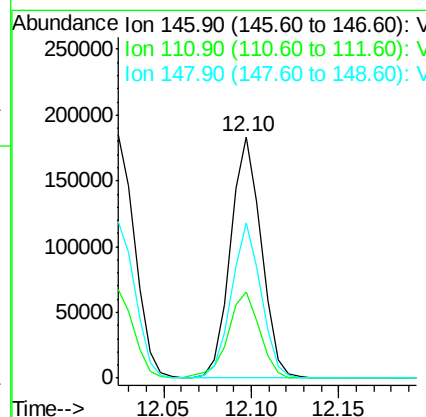
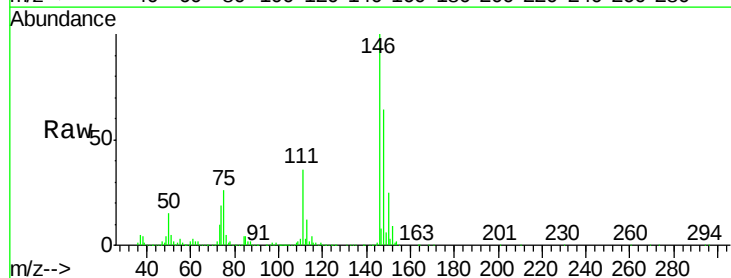
RT: 12.10 min Scan# 1795

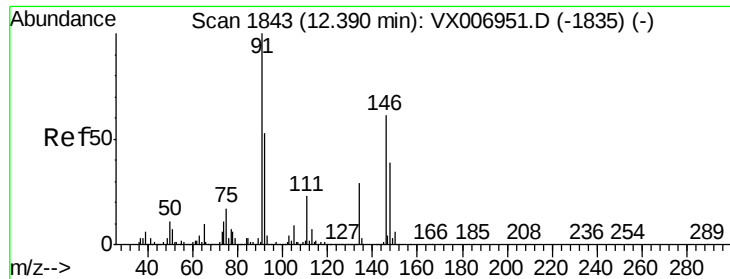
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	146	Resp:	223362
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.1	54.1
148	62.8	31.9	95.9





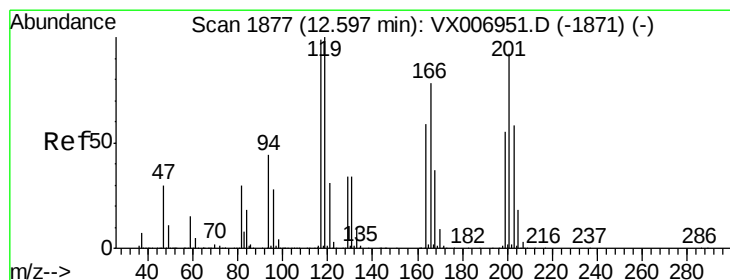
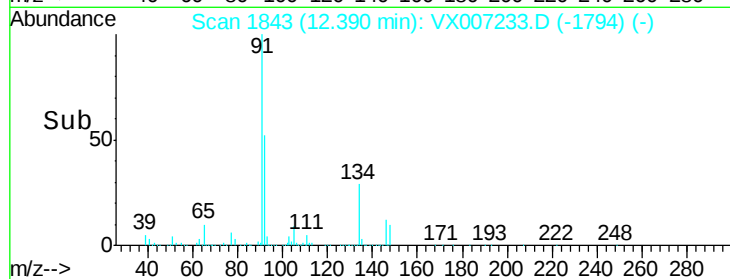
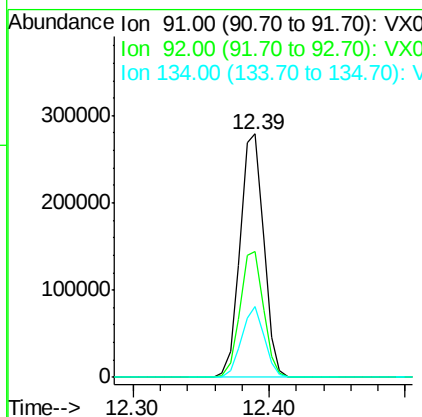
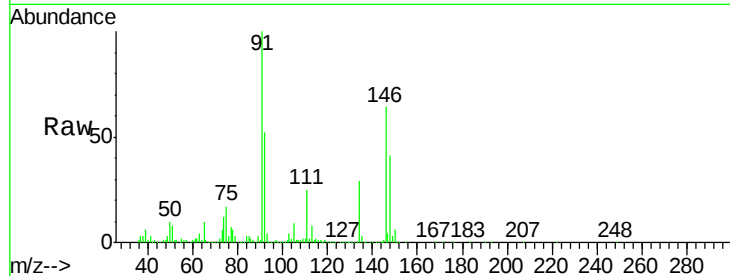
#89
n-Butylbenzene
Concen: 18.943 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.4
134	28.0	14.4	43.2

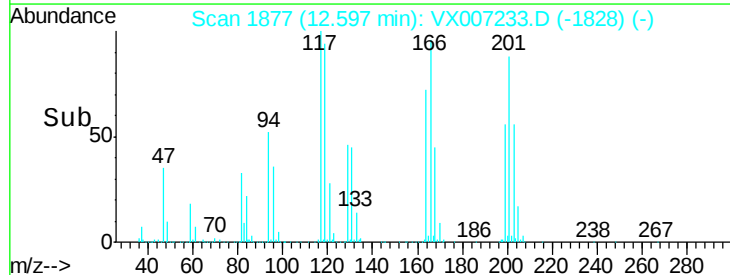
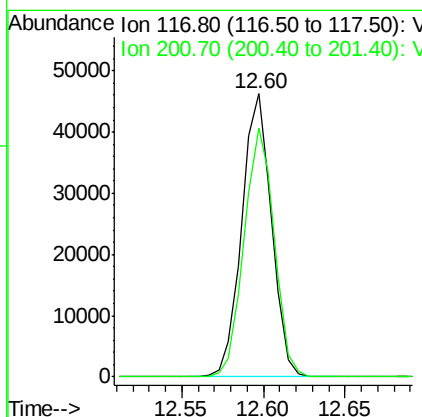
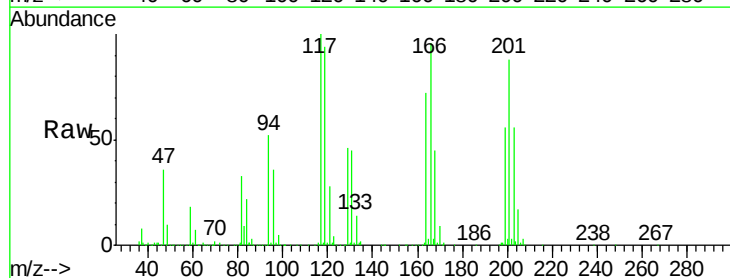
Manual Integrations
APPROVED

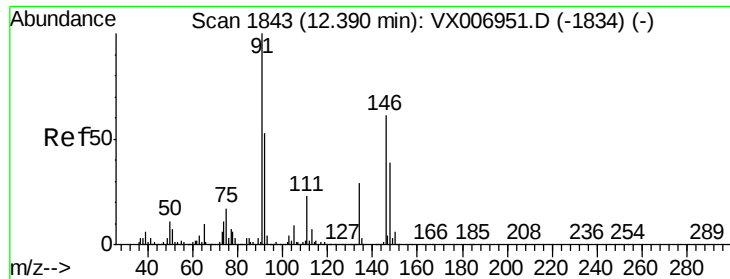
MMDadoda
1/28/2019 12:01:46 PM



#90
Hexachloroethane
Concen: 19.497 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 19.452 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Instrument :

MSVOA_X

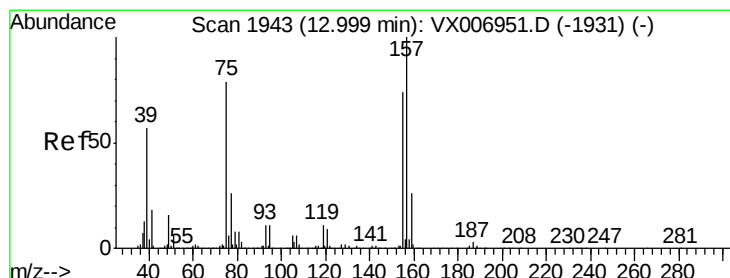
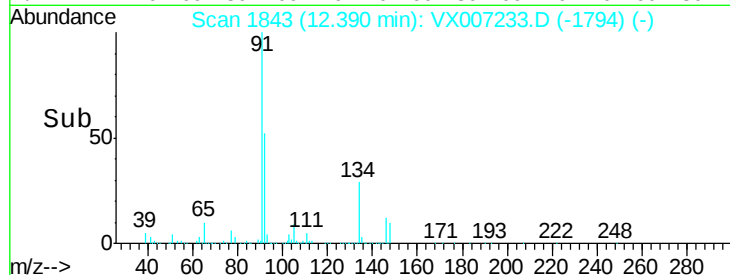
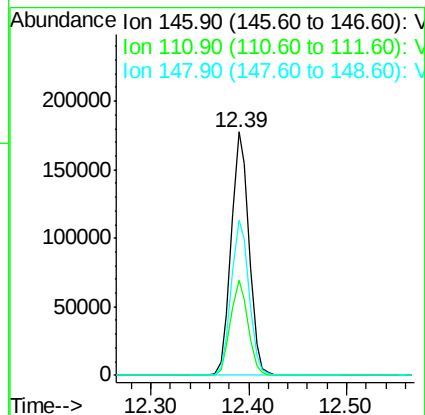
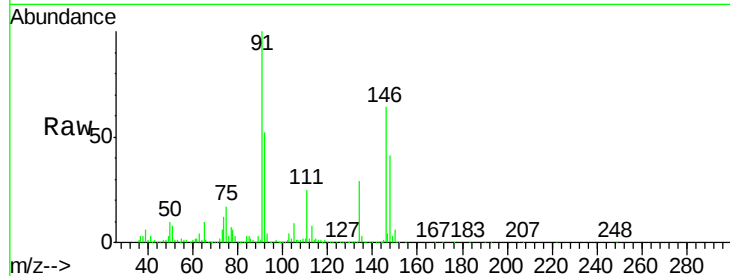
ClientSampleId :

VX0126WBSD01

Tot Ion:	146	Resp:	225338
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.2
148	63.7	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.801 ug/l

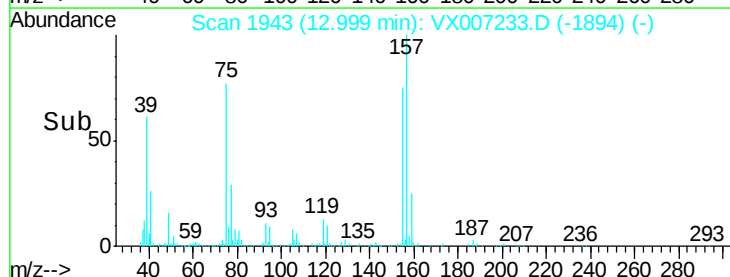
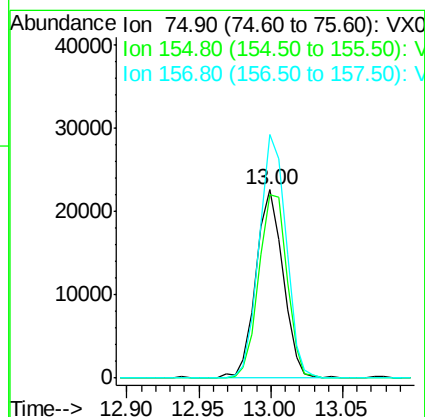
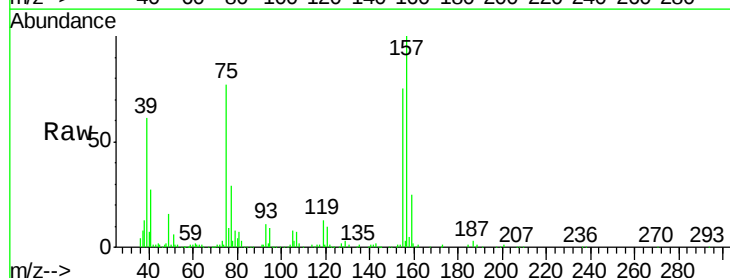
RT: 13.00 min Scan# 1943

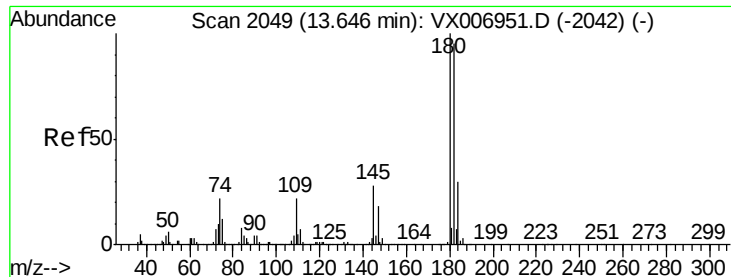
Delta R.T. -0.00 min

Lab File: VX007233.D

Acq: 25 Jan 2019 17:08

Tgt Ion:	75	Resp:	29303
Ion Ratio	Lower	Upper	
75	100		
155	101.7	50.6	151.8
157	128.6	64.6	193.8





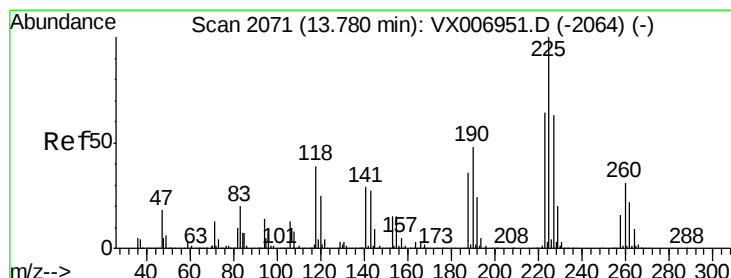
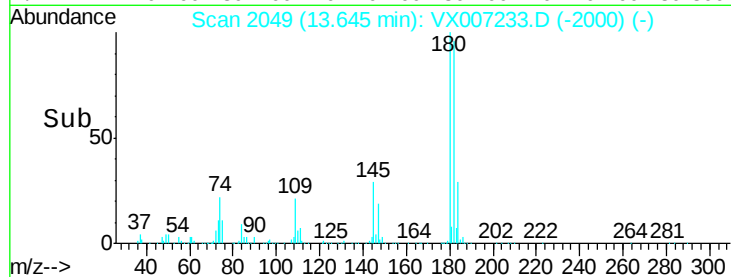
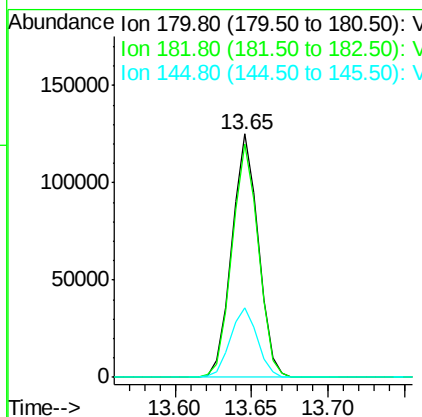
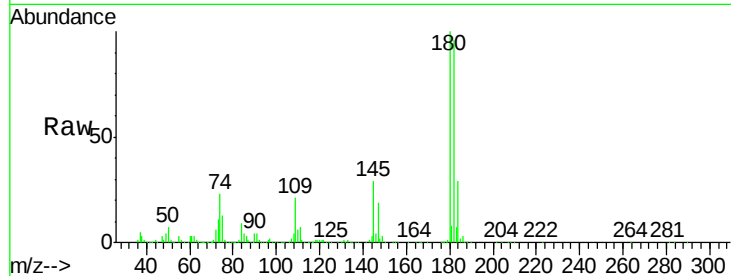
#93
 1,2,4-Trichlorobenzene
 Concen: 18.824 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149607		
182	95.8	47.3	142.0	
145	29.4	14.8	44.3	

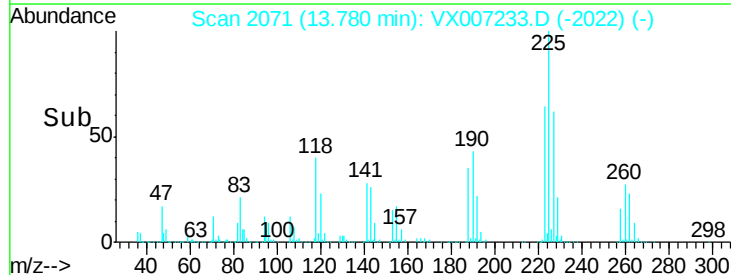
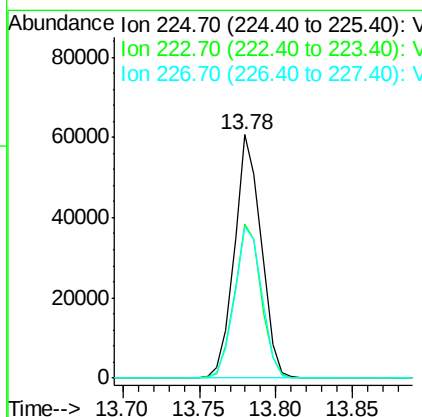
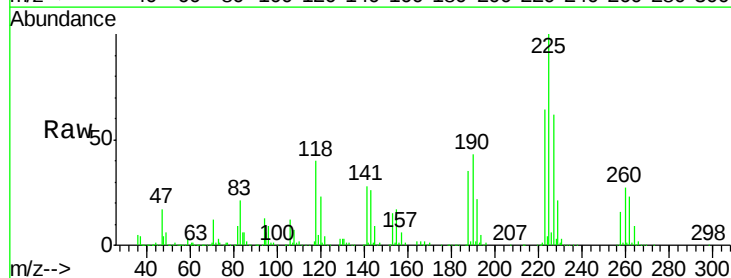
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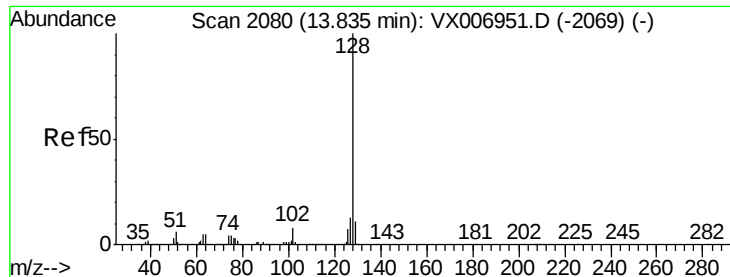
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#94
 Hexachlorobutadiene
 Concen: 20.690 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007233.D
 Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72970		
223	63.8	32.1	96.3	
227	63.8	32.3	96.8	





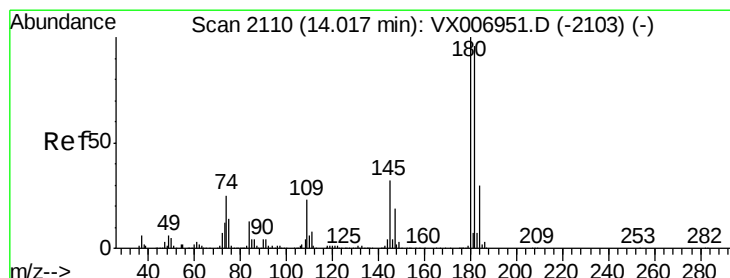
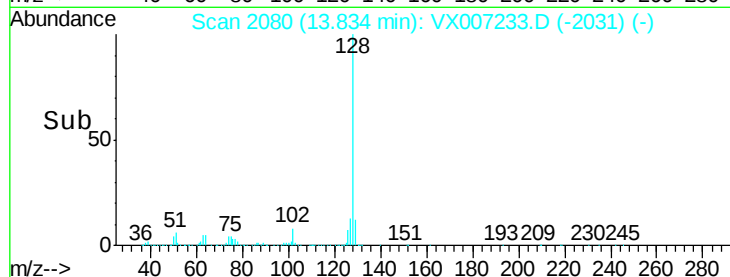
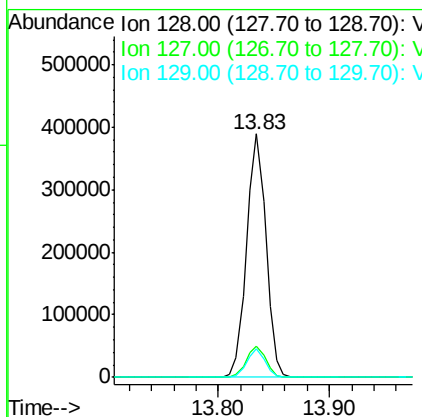
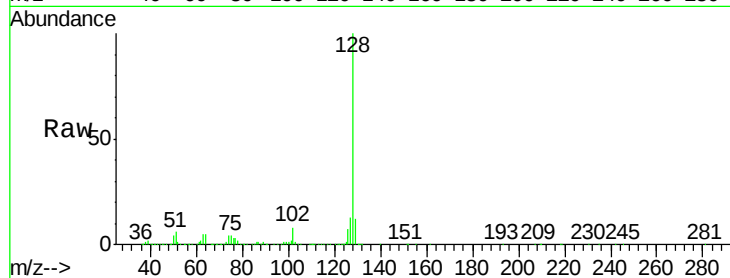
#95
Naphthalene
Concen: 19.545 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.497 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007233.D
Acq: 25 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.5	145.5
145	30.7	16.0	47.9

