

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007232.D
 Acq On : 25 Jan 2019 16:42
 Operator : JC/SP
 Sample : VX0126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:41 PM

Quant Time: Jan 28 00:35:42 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	476974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	713986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	640743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	324231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248667	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	223780	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	817323	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	288832	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65990	16.848	ug/l	96
3) Chloromethane	1.33	50	77907	17.086	ug/l	99
4) Vinyl Chloride	1.41	62	85415	17.414	ug/l	100
5) Bromomethane	1.64	94	87071	16.615	ug/l	96
6) Chloroethane	1.73	64	56723	16.562	ug/l	100
7) Trichlorofluoromethane	1.93	101	142632	17.997	ug/l	98
8) Diethyl Ether	2.19	74	57108	18.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85036	17.922	ug/l	98
10) Methyl Iodide	2.51	142	121979	19.058	ug/l	99
11) Tert butyl alcohol	3.07	59	115795	98.475	ug/l	98
12) 1,1-Dichloroethene	2.38	96	77576	17.696	ug/l	99
13) Acrolein	2.30	56	48148	96.854	ug/l	97
14) Allyl chloride	2.73	41	137486	18.300	ug/l	99
15) Acrylonitrile	3.15	53	264537	97.999	ug/l	98
16) Acetone	2.45	43	237029	96.184	ug/l	98
17) Carbon Disulfide	2.57	76	160296	14.203	ug/l	96
18) Methyl Acetate	2.78	43	150866	21.140	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	295033	19.390	ug/l	99
20) Methylene Chloride	2.86	84	93717	19.651	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83625	17.118	ug/l	98
22) Diisopropyl ether	3.87	45	271014	19.188	ug/l	93
23) Vinyl Acetate	3.82	43	1092310	91.704	ug/l	99
24) 1,1-Dichloroethane	3.70	63	151410	19.171	ug/l	99
25) 2-Butanone	4.70	43	349163	99.023	ug/l	95
26) 2,2-Dichloropropane	4.59	77	105888	17.436	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98156	18.216	ug/l	98
28) Bromochloromethane	5.02	49	71385	20.630	ug/l	94
29) Tetrahydrofuran	5.15	42	219414	95.751	ug/l	98
30) Chloroform	5.22	83	157234	19.015	ug/l	98
31) Cyclohexane	5.57	56	118795	16.900	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	128459	18.328	ug/l	98
36) 1,1-Dichloropropene	5.80	75	106610	17.174	ug/l	99
37) Ethyl Acetate	4.85	43	127532	19.163	ug/l	98
38) Carbon Tetrachloride	5.78	117	109894	17.596	ug/l	96

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Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:41 PM

Quant Time: Jan 28 00:35:42 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	129038	16.306	ug/l	93
40) Benzene	6.14	78	344301	18.178	ug/l	98
41) Methacrylonitrile	5.06	41	68736	17.929	ug/l	98
42) 1,2-Dichloroethane	6.20	62	120996	18.486	ug/l	99
43) Isopropyl Acetate	6.46	43	196281	18.698	ug/l	97
44) Trichloroethene	7.21	130	98801	17.407	ug/l	98
45) 1,2-Dichloropropane	7.52	63	89815	18.861	ug/l	99
46) Dibromomethane	7.66	93	62791	18.762	ug/l	98
47) Bromodichloromethane	7.90	83	104841	18.405	ug/l	98
48) Methyl methacrylate	7.77	41	100747	18.689	ug/l	96
49) 1,4-Dioxane	7.75	88	49409	396.160	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	687454	101.902	ug/l	99
52) Toluene	8.79	92	220745	18.132	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	111790	17.698	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	127621	18.295	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99514	20.422	ug/l	100
56) Ethyl methacrylate	9.18	69	136690	19.215	ug/l	96
57) 1,3-Dichloropropane	9.37	76	154602	19.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338151	92.453	ug/l	99
59) 2-Hexanone	9.49	43	522206	101.576	ug/l	98
60) Dibromochloromethane	9.58	129	92255	19.497	ug/l	97
61) 1,2-Dibromoethane	9.67	107	101251	18.874	ug/l	100
64) Tetrachloroethene	9.34	164	108078	19.483	ug/l	94
65) Chlorobenzene	10.14	112	260915	18.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92300	19.633	ug/l	99
67) Ethyl Benzene	10.25	91	421860	18.285	ug/l	99
68) m/p-Xylenes	10.36	106	330318	36.340	ug/l	99
69) o-Xylene	10.69	106	160834	18.143	ug/l	96
70) Styrene	10.71	104	263508	18.769	ug/l	100
71) Bromoform	10.86	173	65763	18.885	ug/l #	100
73) Isopropylbenzene	11.02	105	431253	18.863	ug/l	99
74) N-amyl acetate	10.90	43	176391	19.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	145085	19.989	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133061m	20.252	ug/l	
77) Bromobenzene	11.26	156	118625	18.831	ug/l	99
78) n-propylbenzene	11.36	91	473198	18.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	284444	18.827	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	355021	18.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33270	17.908	ug/l	92
82) 4-Chlorotoluene	11.51	91	324620	18.557	ug/l	99
83) tert-Butylbenzene	11.77	119	362202	19.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	364338	18.966	ug/l	100
85) sec-Butylbenzene	11.94	105	428257	18.814	ug/l	100
86) p-Isopropyltoluene	12.06	119	378399	18.585	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208375	18.300	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211907	19.730	ug/l	99
89) n-Butylbenzene	12.39	91	311844	17.967	ug/l	100
90) Hexachloroethane	12.60	117	55586	19.014	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	210458	18.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26597	18.528	ug/l	98

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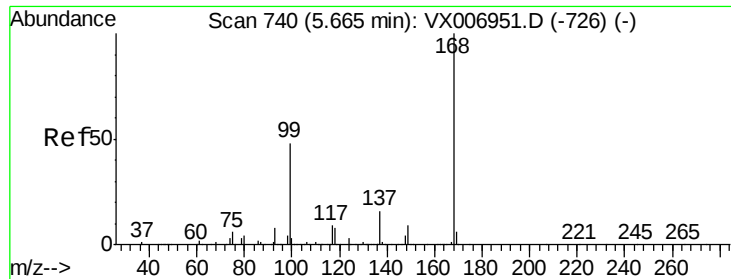
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144171	18.701	ug/l	98
94) Hexachlorobutadiene	13.78	225	70083	20.486	ug/l	95
95) Naphthalene	13.83	128	435626	18.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143957	18.798	ug/l	98

(#) = 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: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion:168 Resp: 476974

Ion Ratio Lower Upper

168 100

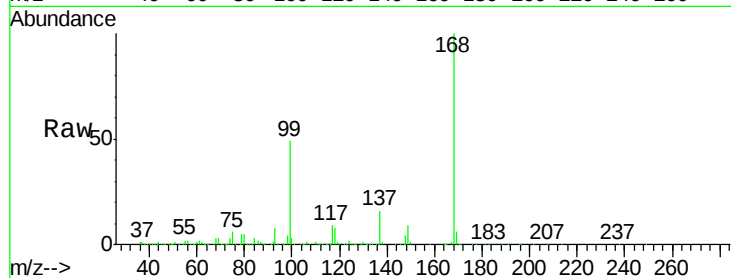
99 49.5 41.8 62.8

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

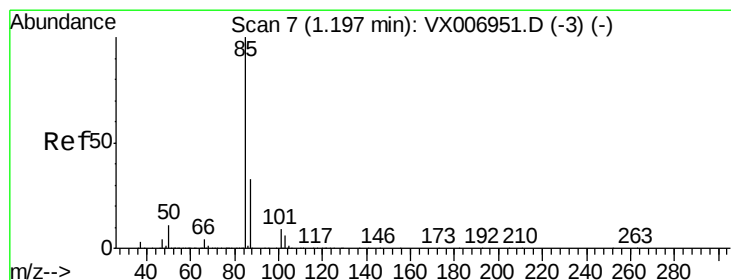
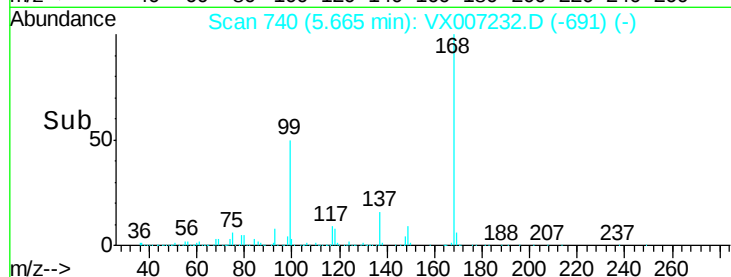
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.848 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007232.D

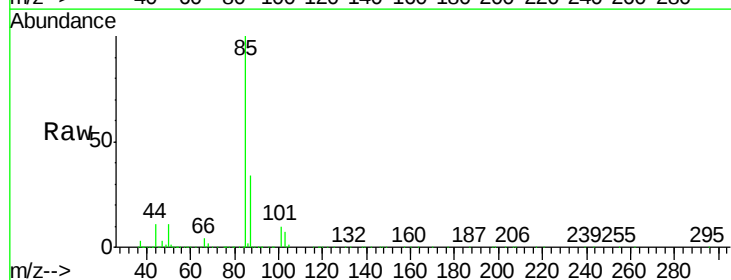
Acq: 25 Jan 2019 16:42

Tgt Ion: 85 Resp: 65990

Ion Ratio Lower Upper

85 100

87 33.9 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

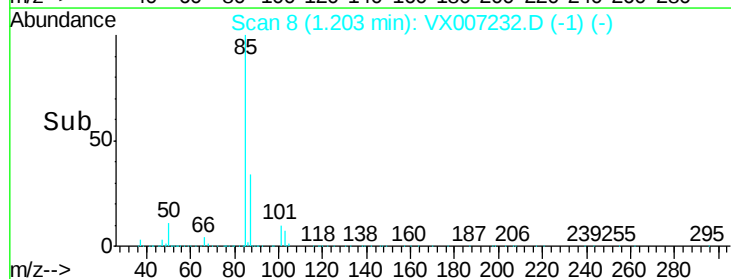
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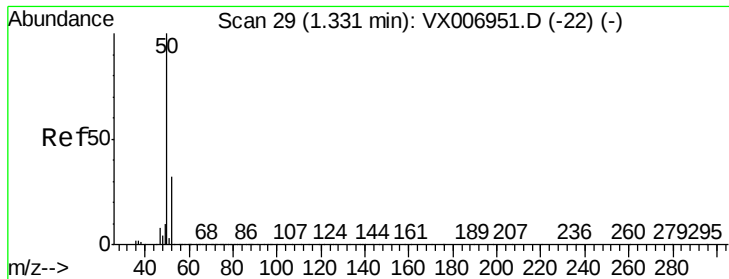
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20000

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Time-->





#3

Chloromethane

Concen: 17.086 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 50 Resp: 77907

Ion Ratio Lower Upper

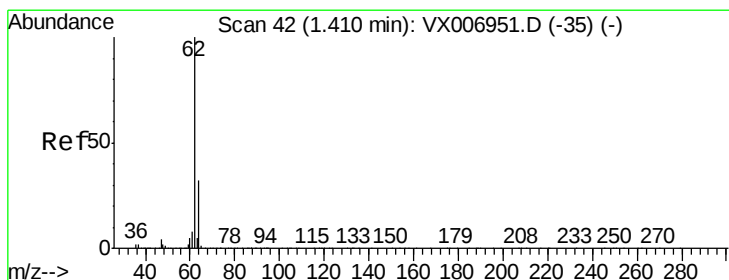
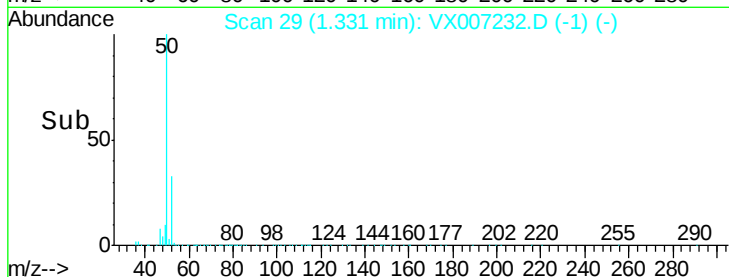
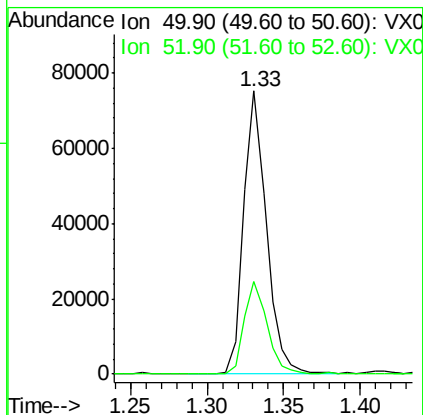
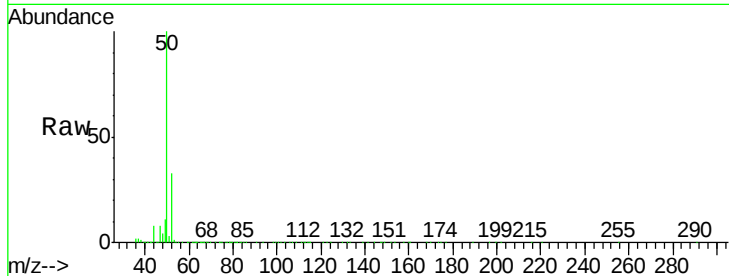
50 100

52 32.6 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007232.D

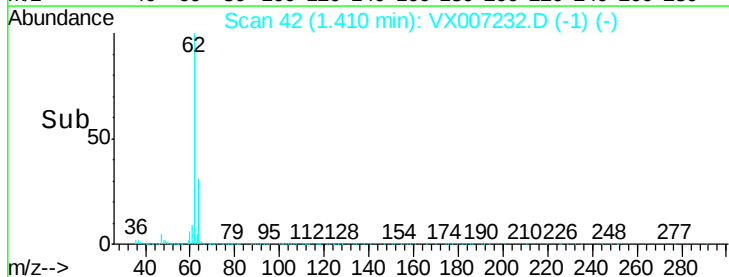
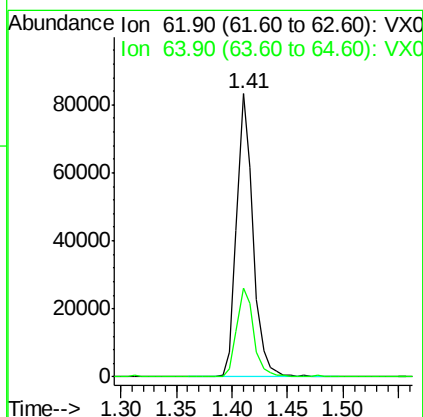
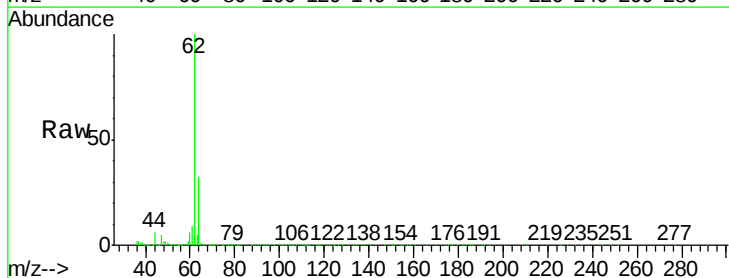
Acq: 25 Jan 2019 16:42

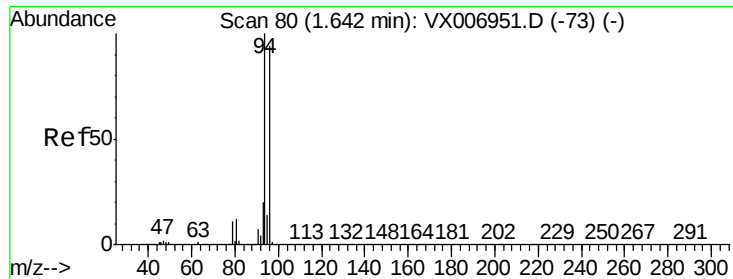
Tgt Ion: 62 Resp: 85415

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 16.615 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 94 Resp: 87071

Ion Ratio Lower Upper

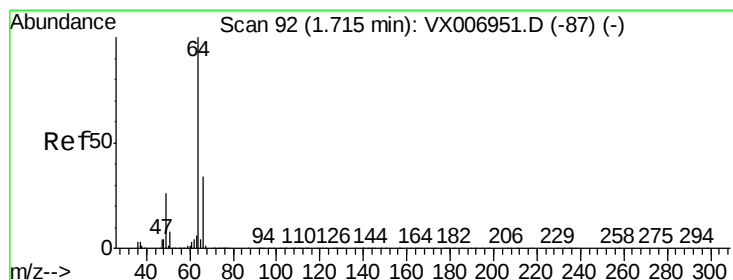
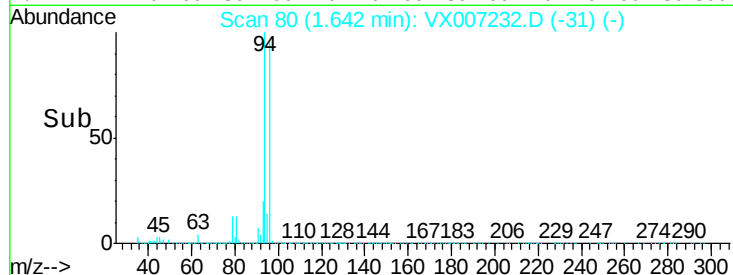
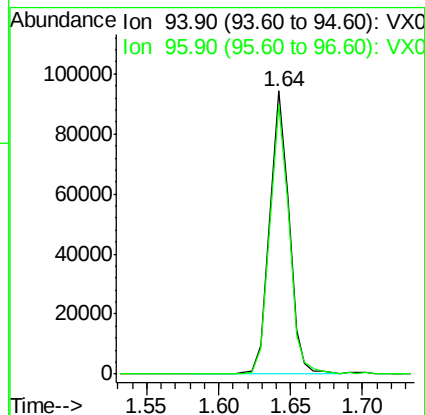
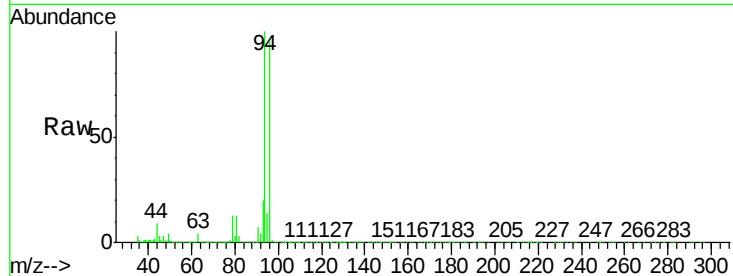
94 100

96 95.3 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 16.562 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007232.D

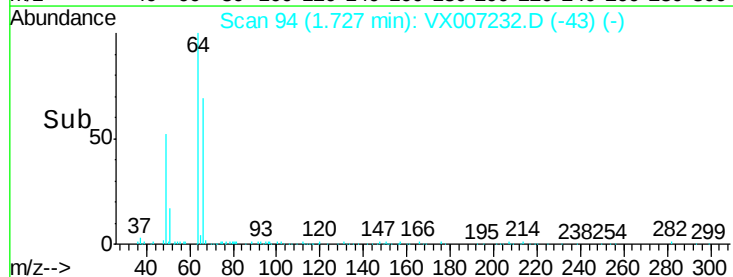
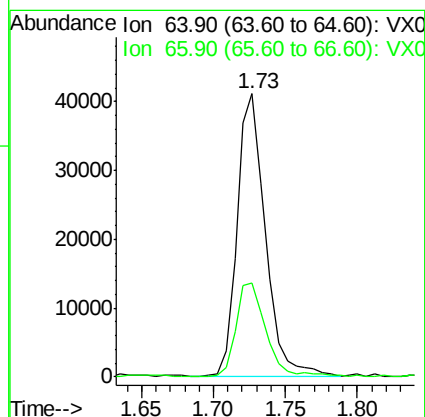
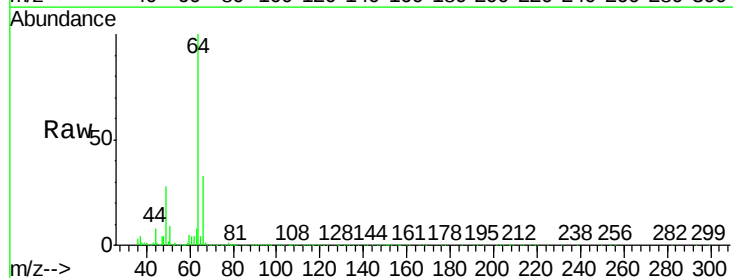
Acq: 25 Jan 2019 16:42

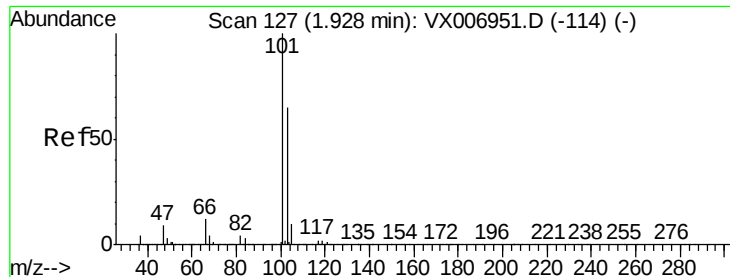
Tgt Ion: 64 Resp: 56723

Ion Ratio Lower Upper

64 100

66 32.7 26.4 39.6





#7

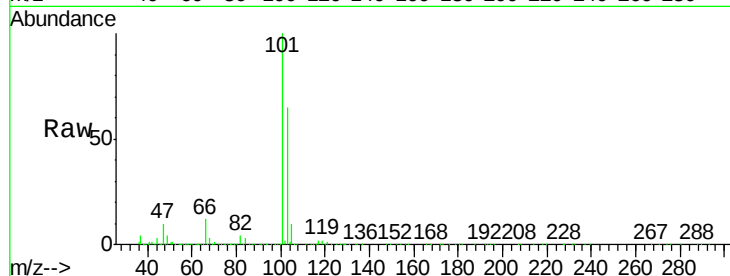
Trichlorofluoromethane
Concen: 17.997 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

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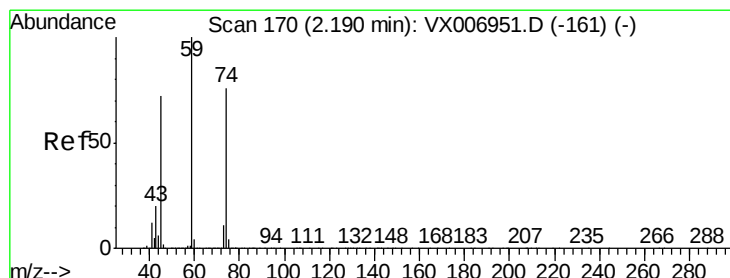
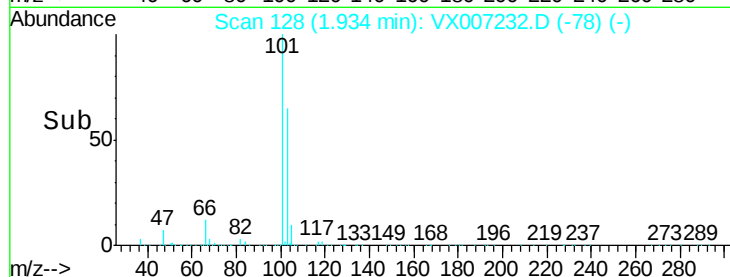
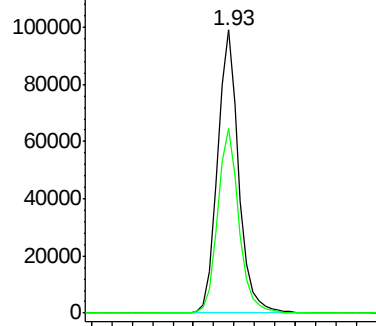
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

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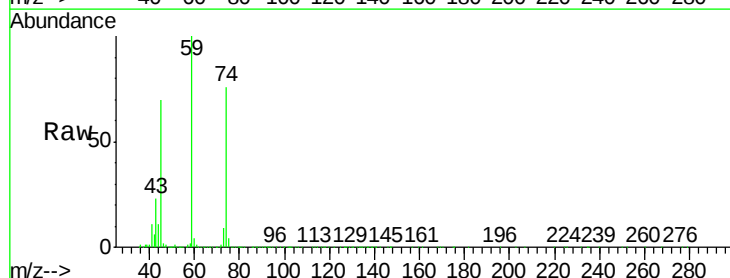
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



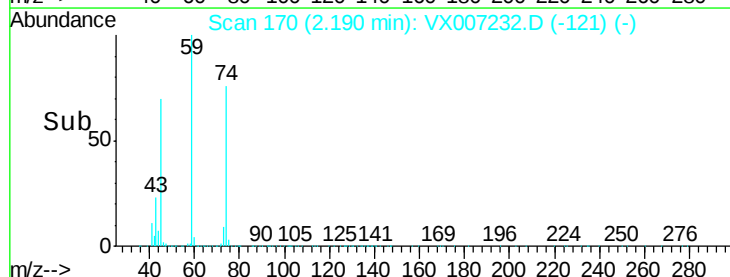
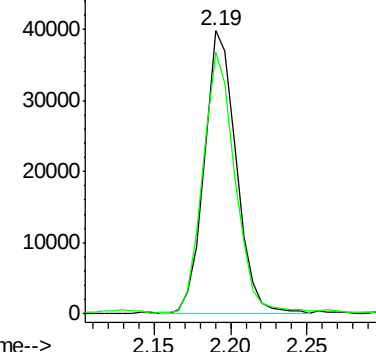
#8

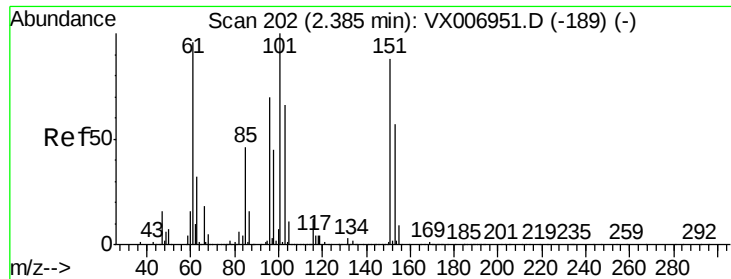
Diethyl Ether
Concen: 18.112 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	46.3	138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.922 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

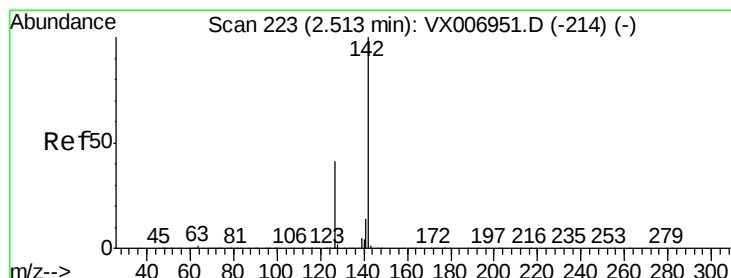
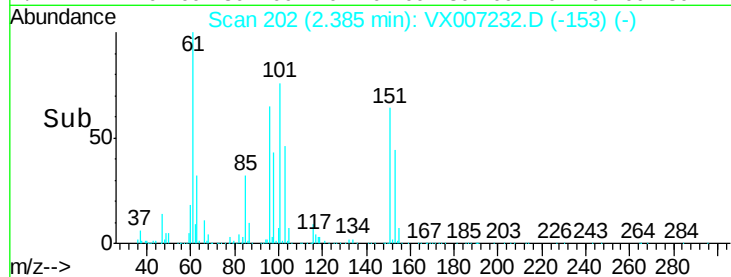
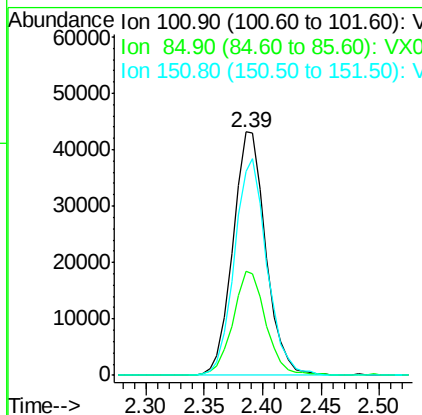
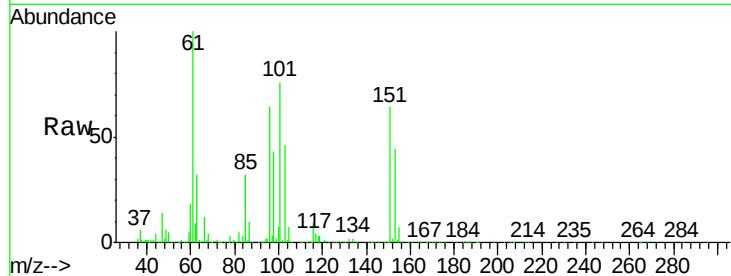
ClientSampleId :

VX0126WBS01

Tot Ion:	101	Resp:	85036
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	88.1	68.9	103.3

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#10

Methyl Iodide

Concen: 19.058 ug/l

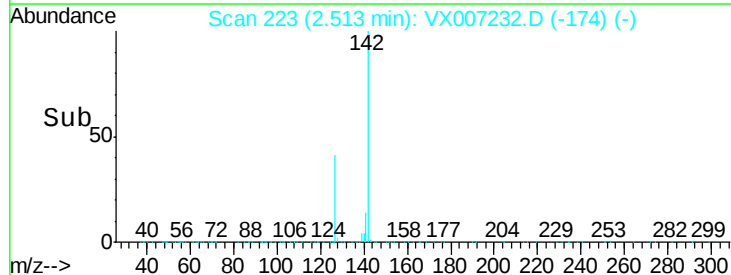
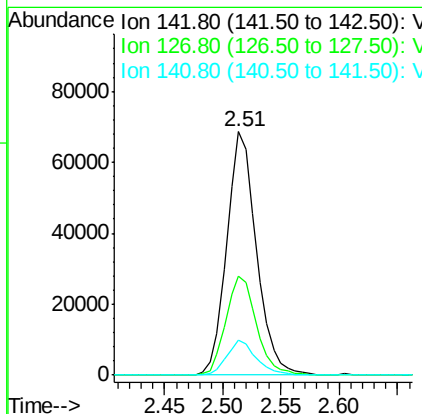
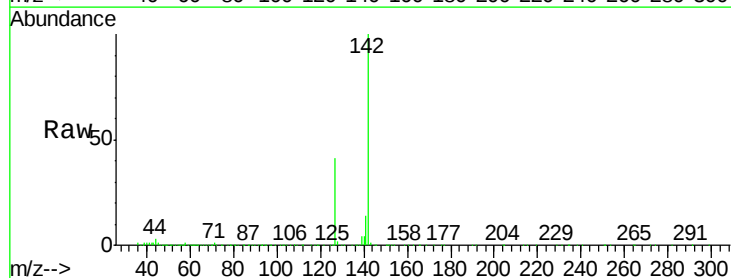
RT: 2.51 min Scan# 223

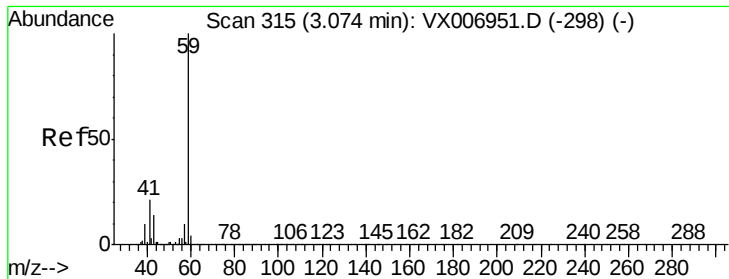
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	142	Resp:	121979
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.9	50.9
141	14.1	11.4	17.0





#11

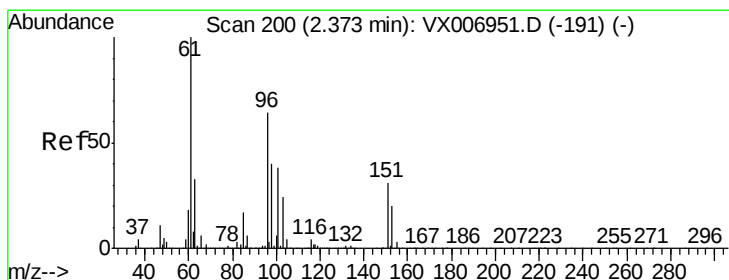
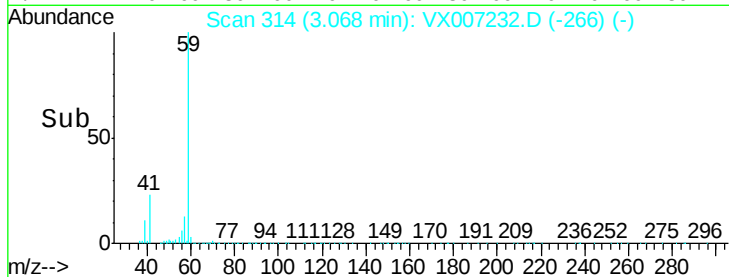
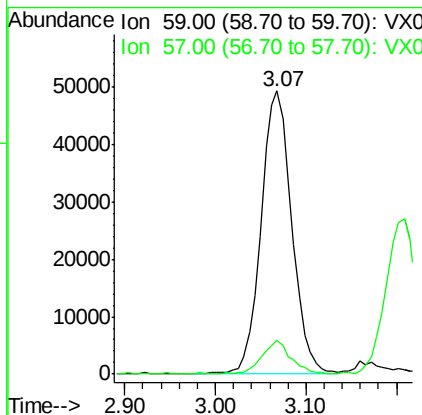
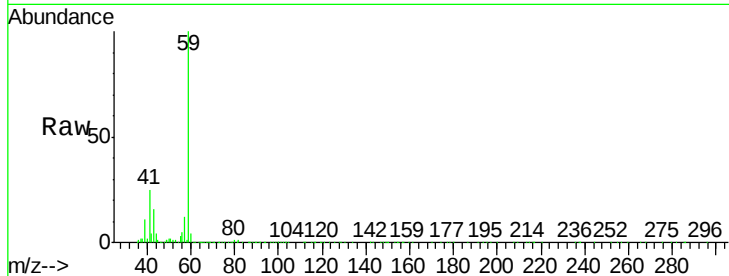
Tert butyl alcohol
Concen: 98.475 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.5	12.7

Manual Integrations
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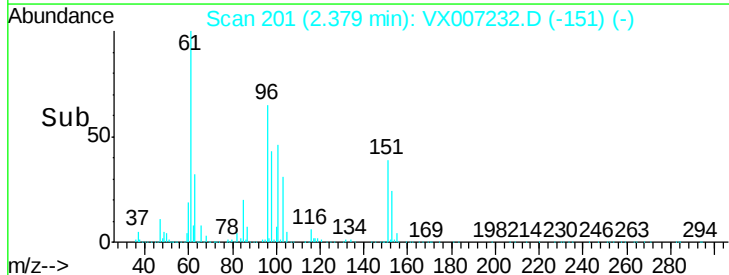
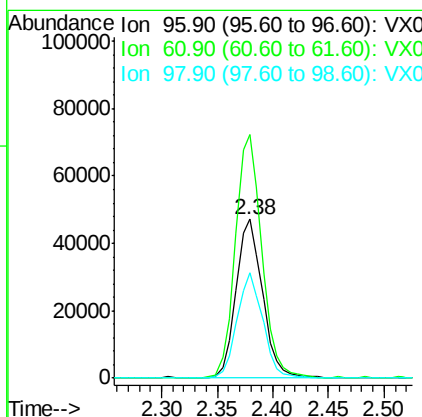
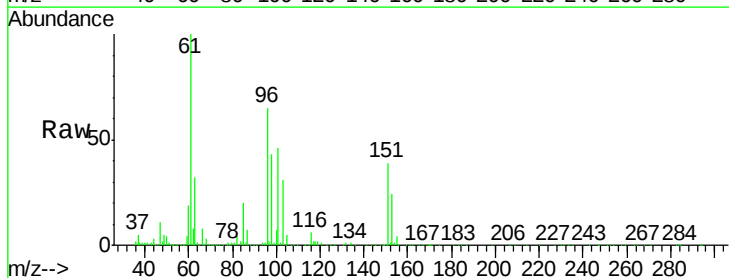
MMDadoda
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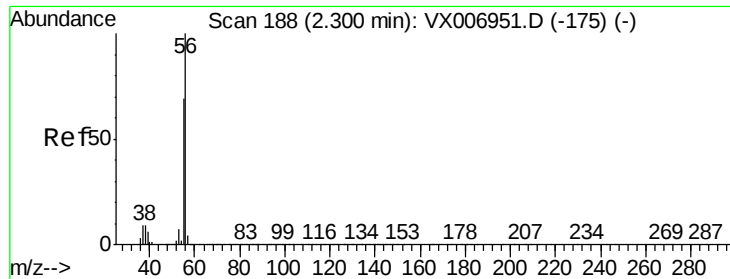


#12

1,1-Dichloroethene
Concen: 17.696 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	121.4	182.2
98	65.9	51.9	77.9





#13

Acrolein

Concen: 96.854 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 56 Resp: 48148

Ion Ratio Lower Upper

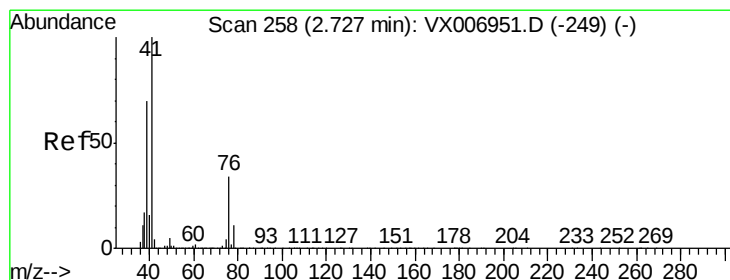
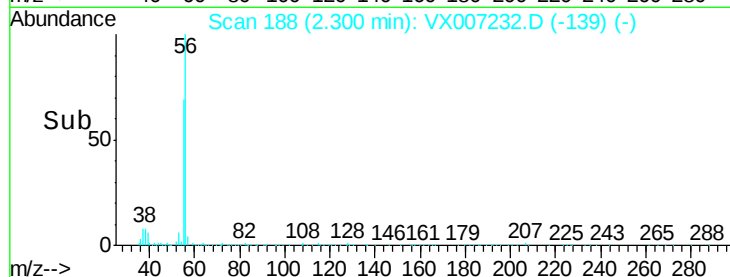
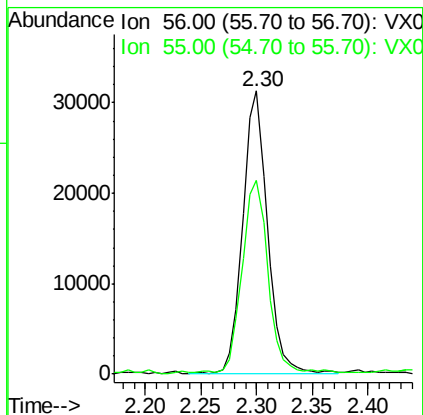
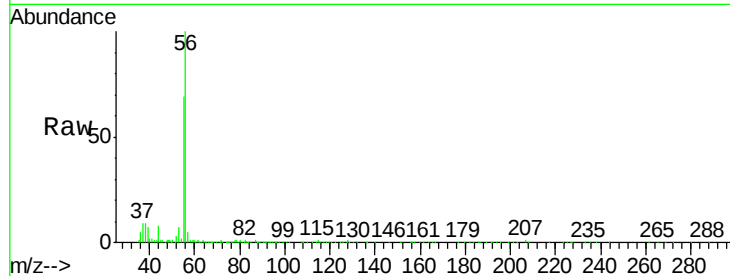
56 100

55 69.9 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.300 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

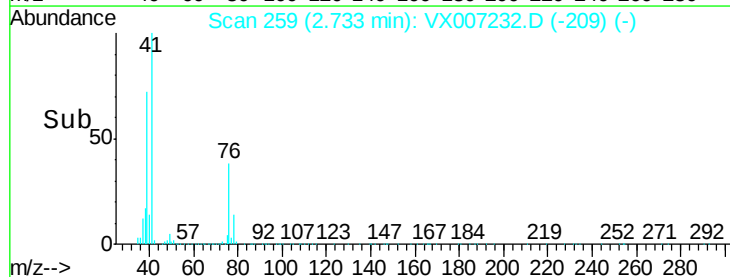
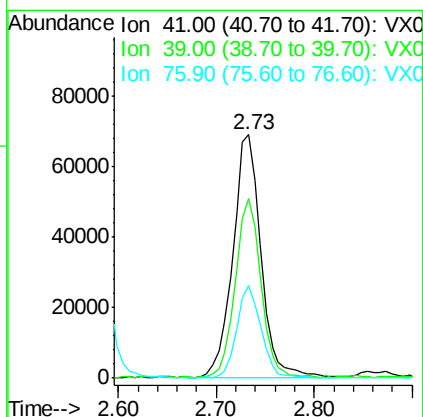
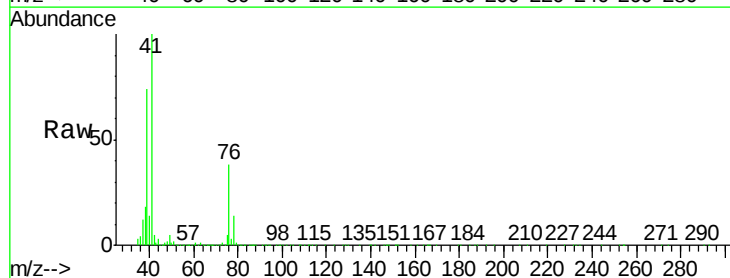
Tgt Ion: 41 Resp: 137486

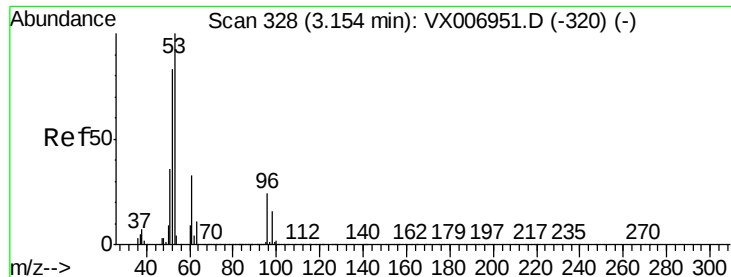
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 97.999 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

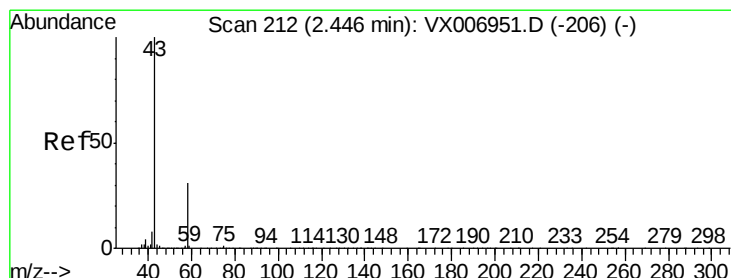
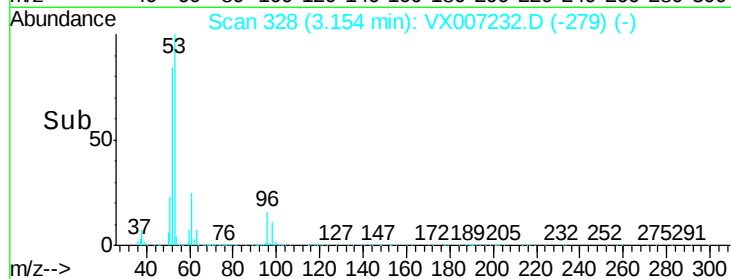
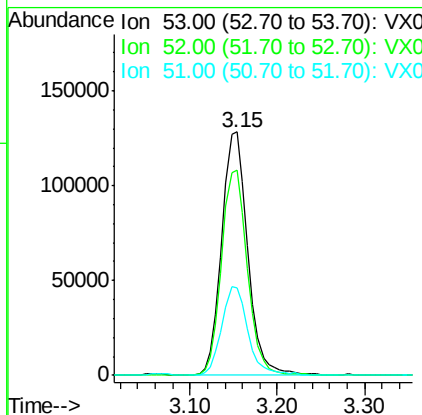
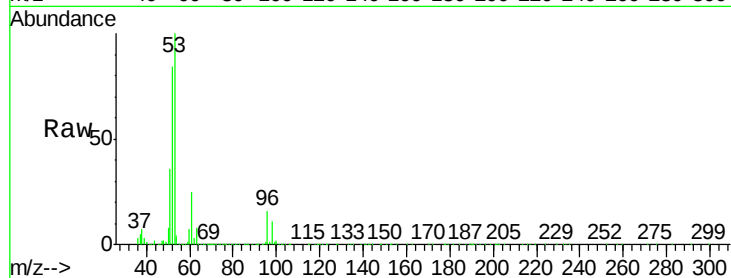
ClientSampleId :

VX0126WBS01

Tot Ion:	53	Resp:	264537
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.0	99.0
51	36.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 96.184 ug/l

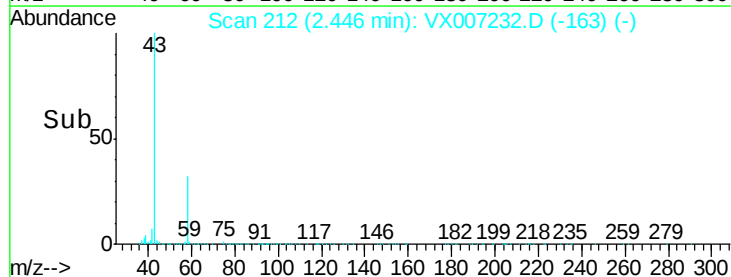
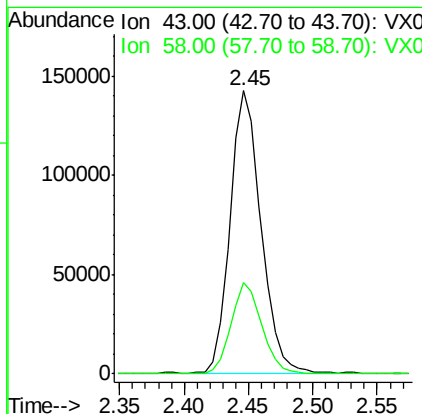
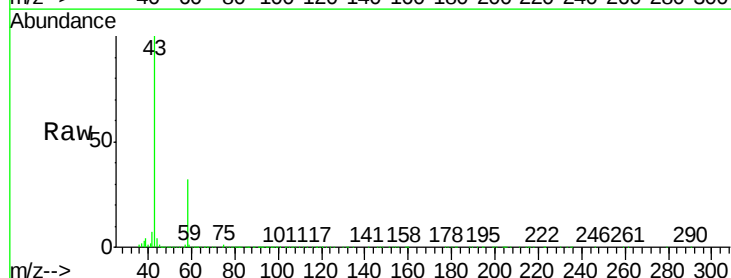
RT: 2.45 min Scan# 212

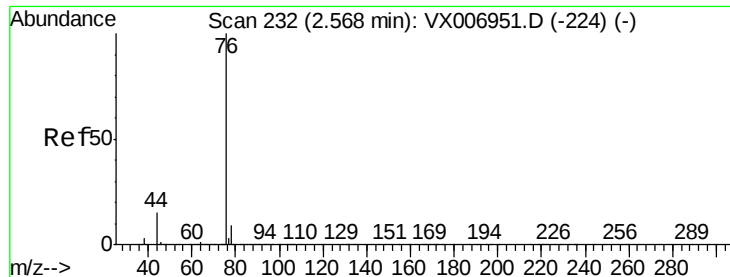
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	43	Resp:	237029
Ion Ratio		Lower	Upper
43	100		
58	32.4	25.0	37.6





#17

Carbon Disulfide

Concen: 14.203 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tot Ion: 76 Resp: 160296

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.6

Instrument :

MSVOA_X

ClientSampleId :

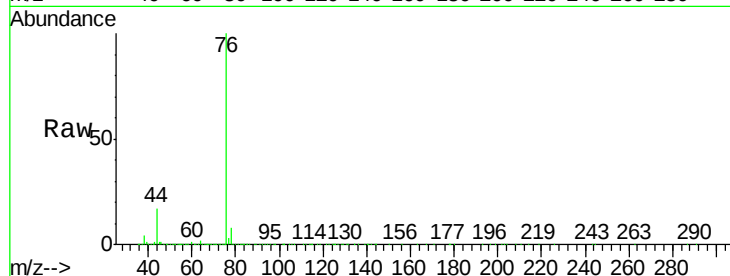
VX0126WBS01

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

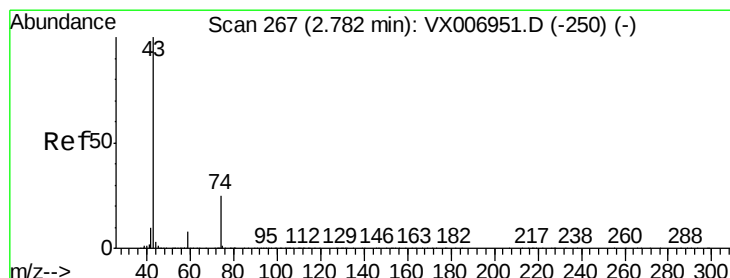
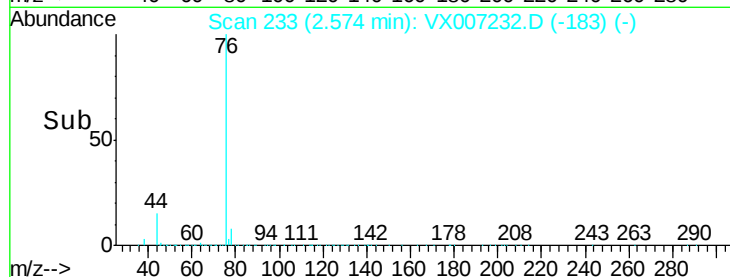
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 21.140 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007232.D

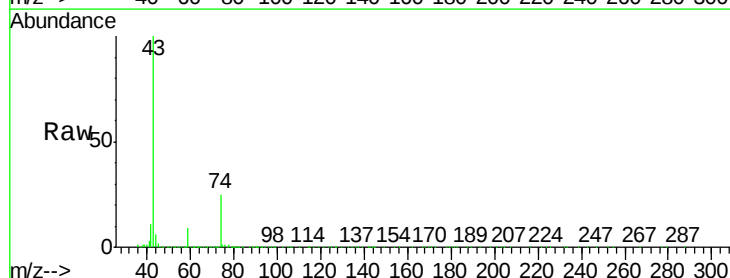
Acq: 25 Jan 2019 16:42

Tgt Ion: 43 Resp: 150866

Ion Ratio Lower Upper

43 100

74 25.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

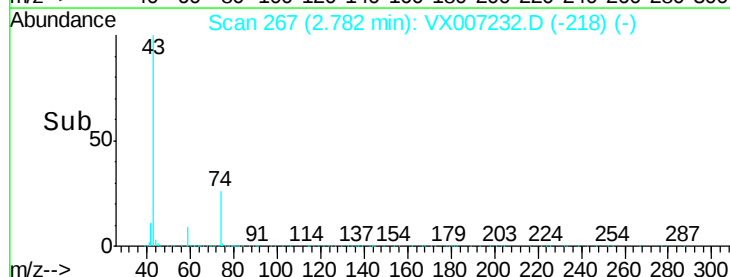
60000

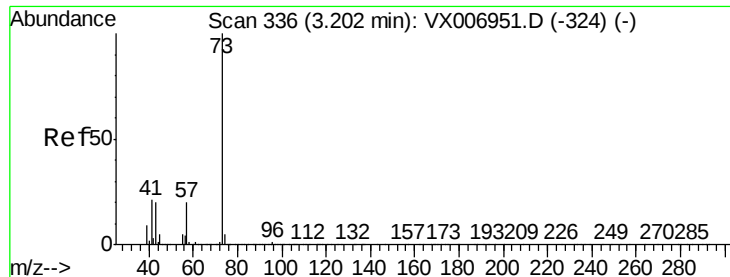
40000

20000

0

Time-->





#19

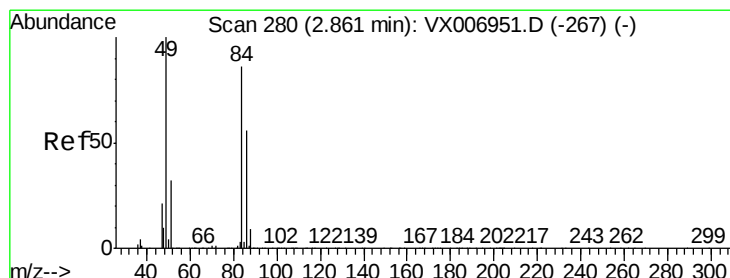
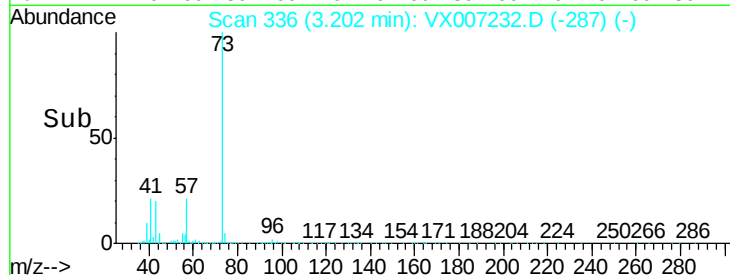
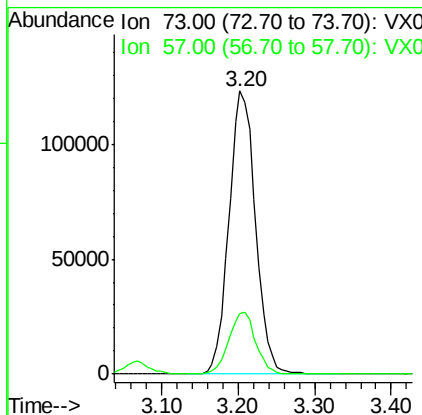
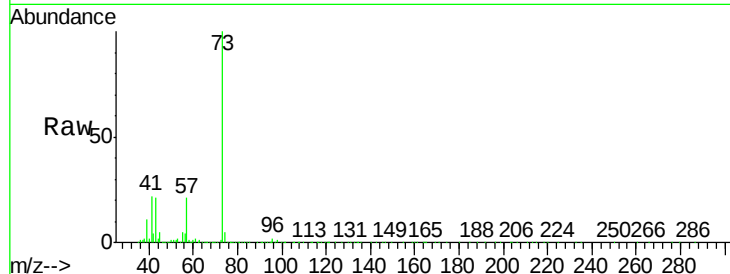
Methyl tert-butyl Ether
 Concen: 19.390 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

Manual Integrations
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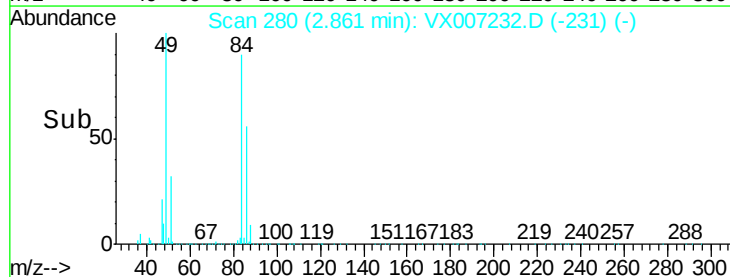
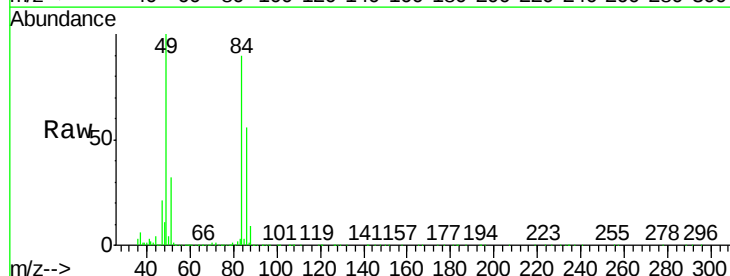
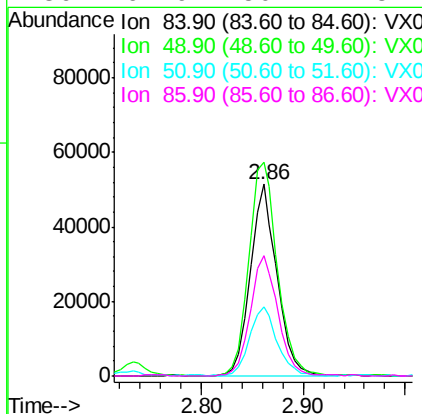
MMDadoda
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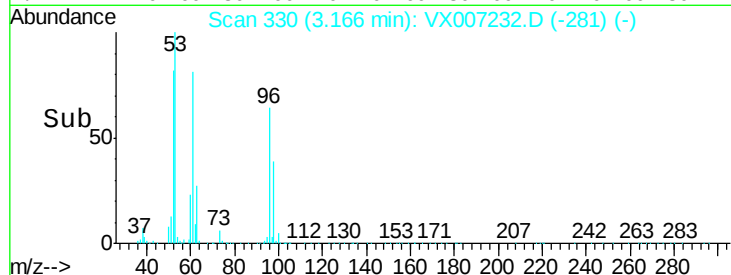
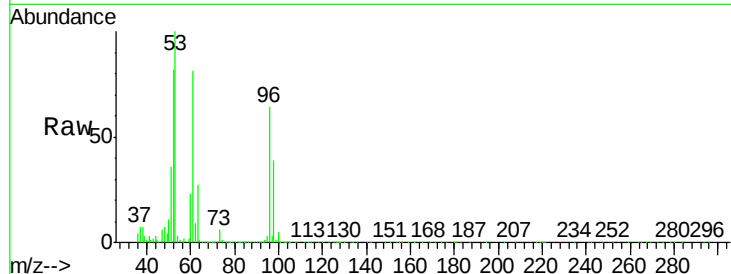
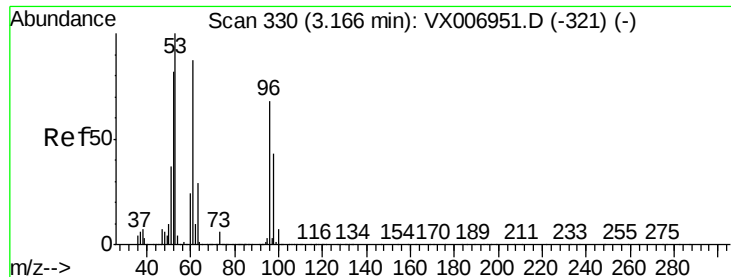


#20

Methylene Chloride
 Concen: 19.651 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	91.8	137.6
51	35.6	28.5	42.7
86	62.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.118 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007232.D

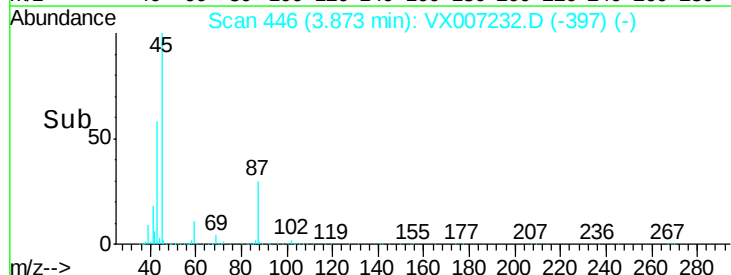
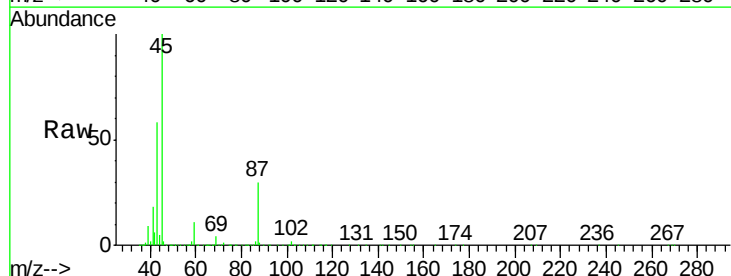
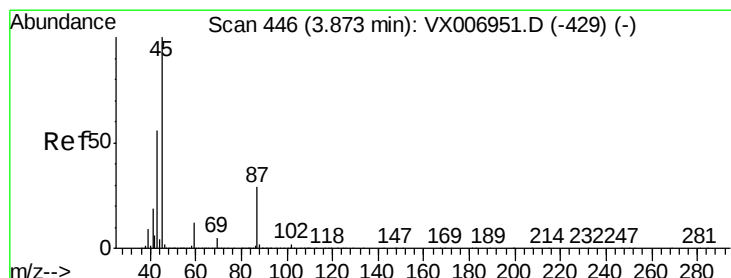
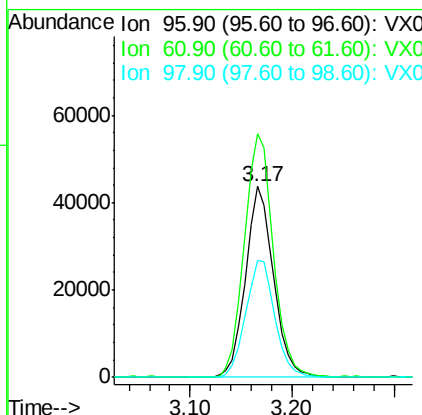
Acq: 25 Jan 2019 16:42

Tot Ion:	96	Resp:	83625
Ion Ratio	Lower	Upper	
96	100		
61	127.4	103.7	155.5
98	61.2	51.0	76.6

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.188 ug/l

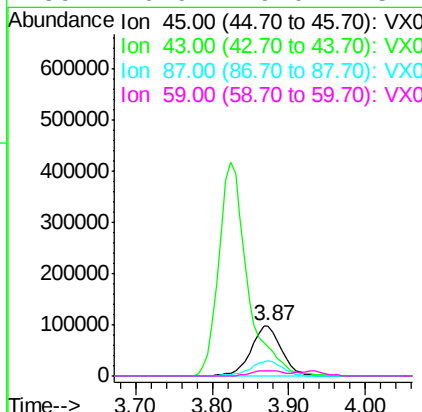
RT: 3.87 min Scan# 446

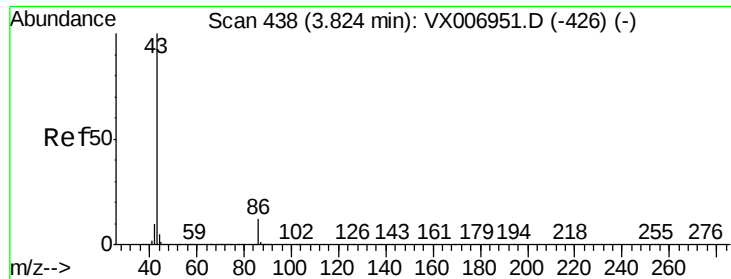
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	45	Resp:	271014
Ion Ratio	Lower	Upper	
45	100		
43	57.0	51.2	76.8
87	30.0	25.8	38.6
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 91.704 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 43 Resp: 1092310

Ion Ratio Lower Upper

43 100

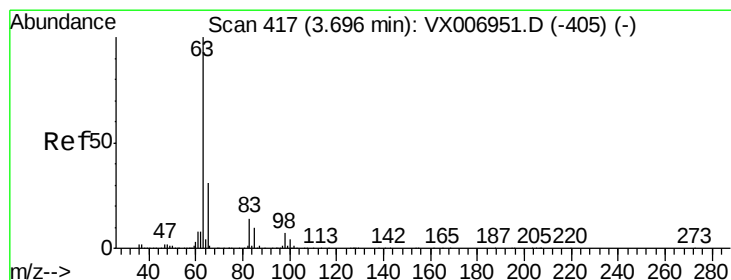
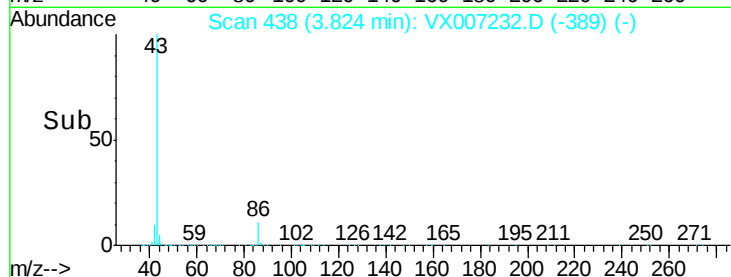
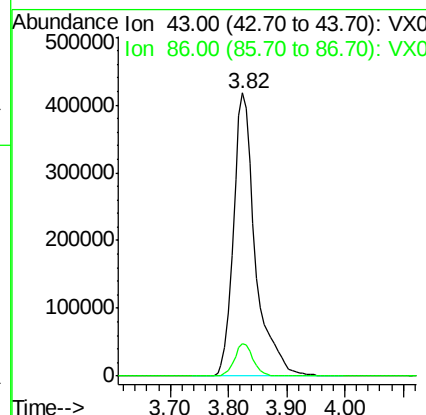
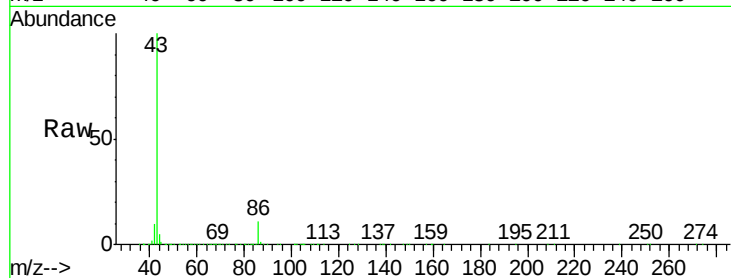
86 11.3 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.171 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

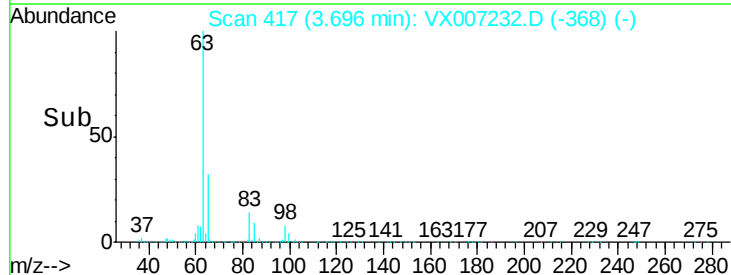
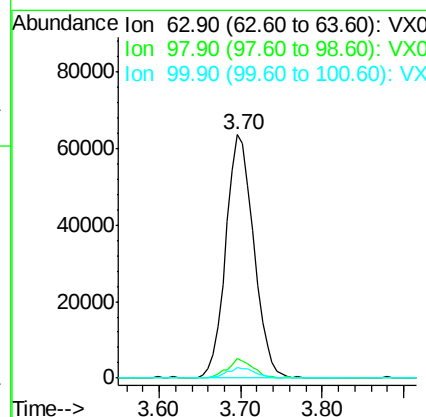
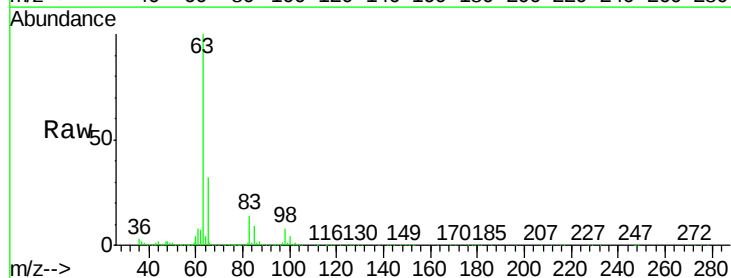
Tgt Ion: 63 Resp: 151410

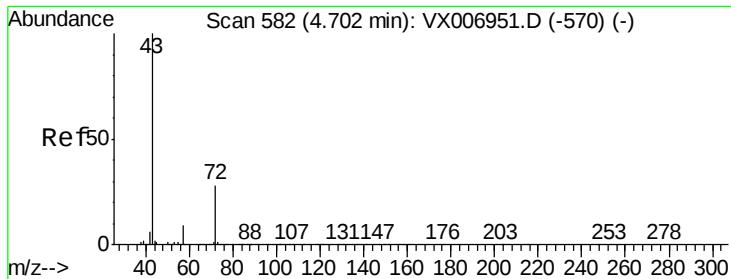
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 99.023 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tot Ion: 43 Resp: 349163

Ion Ratio Lower Upper

43 100

72 25.2 22.4 33.6

Instrument :

MSVOA_X

ClientSampled :

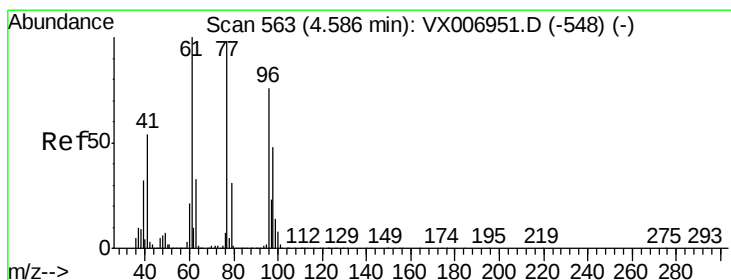
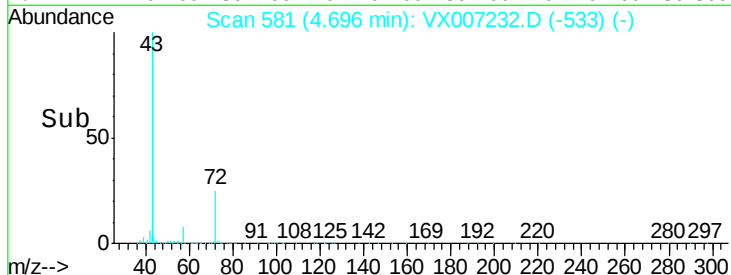
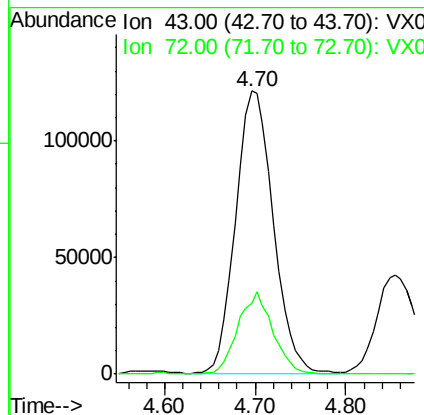
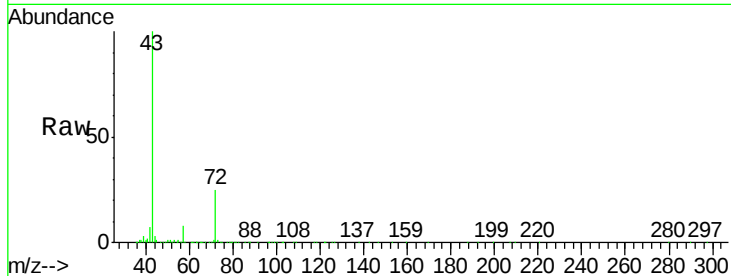
VX0126WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.436 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007232.D

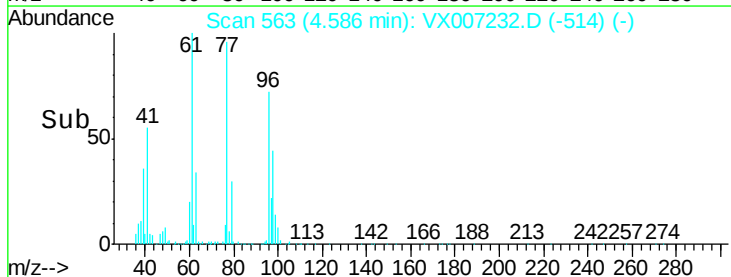
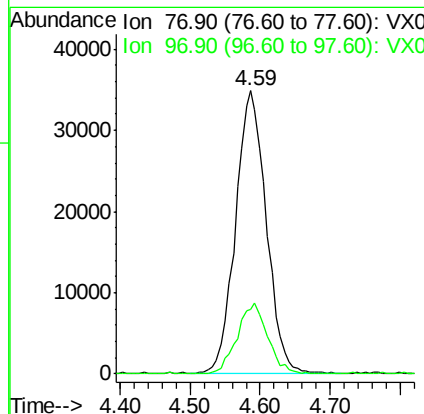
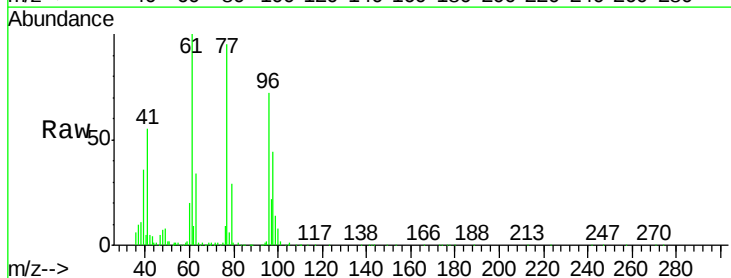
Acq: 25 Jan 2019 16:42

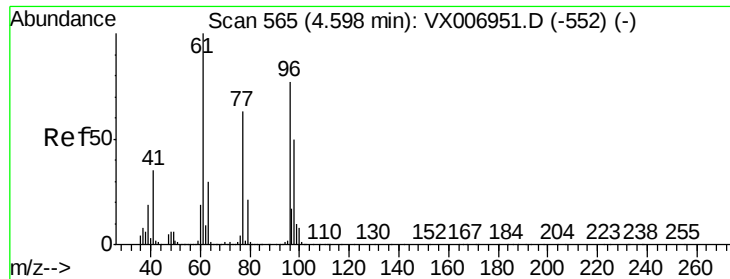
Tgt Ion: 77 Resp: 105888

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4





#27

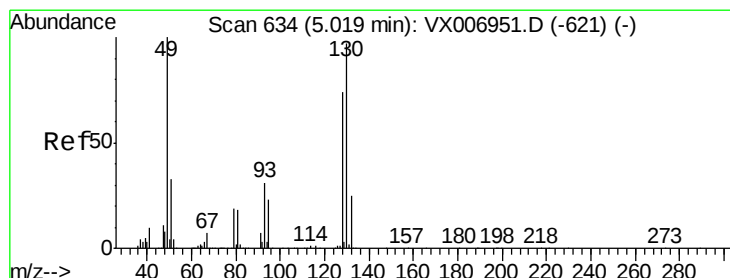
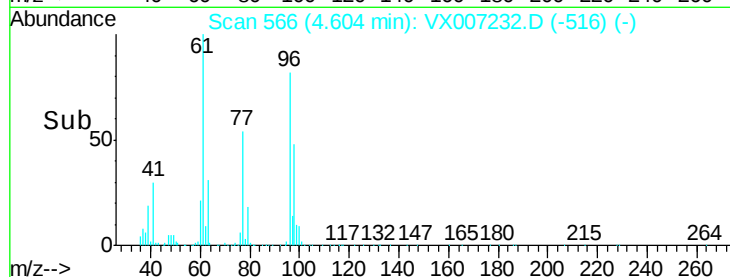
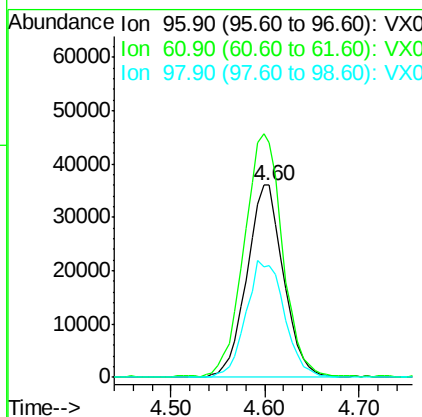
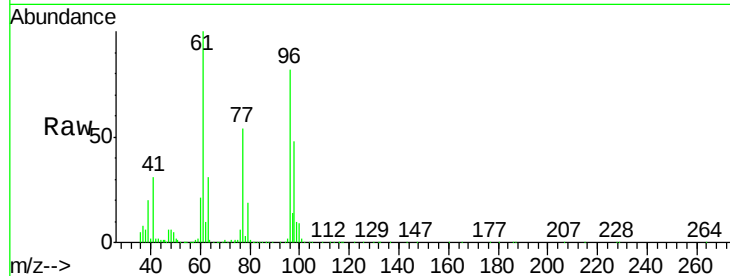
cis-1,2-Dichloroethene
Concen: 18.216 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	258.6
98	63.3	0.0	132.0

Manual Integrations
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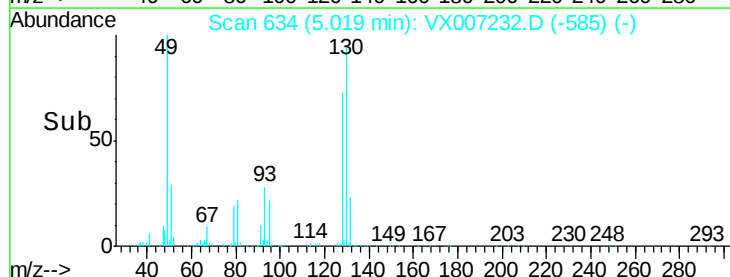
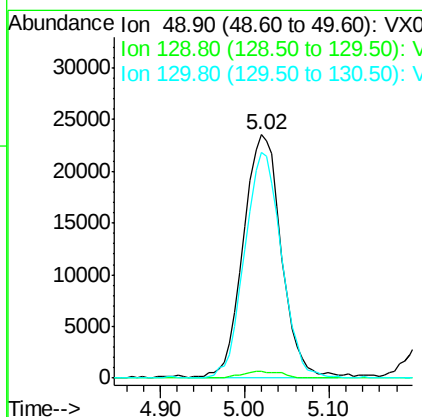
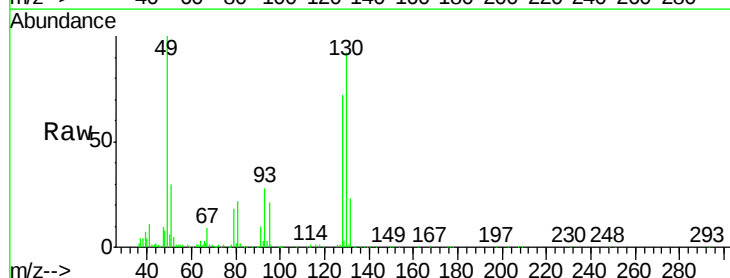
MMDadoda
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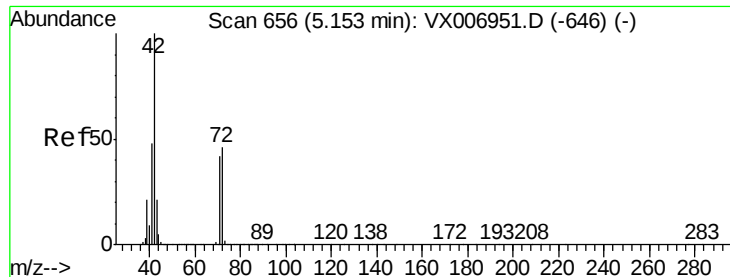


#28

Bromochloromethane
Concen: 20.630 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	91.3	77.7	116.5





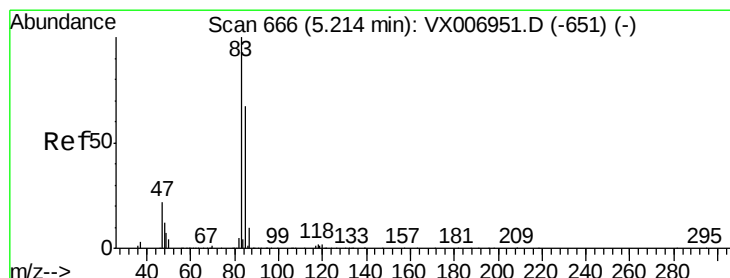
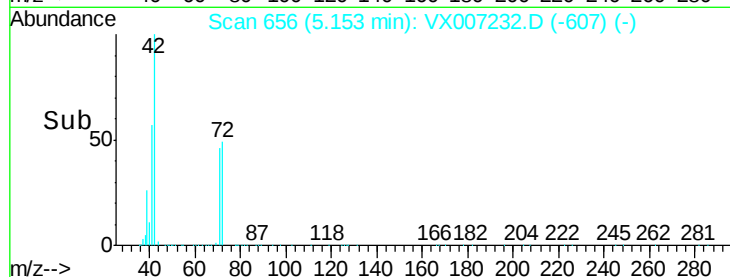
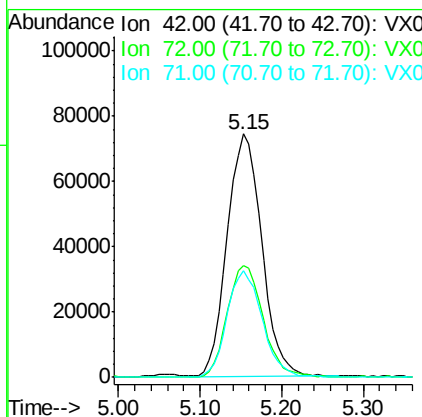
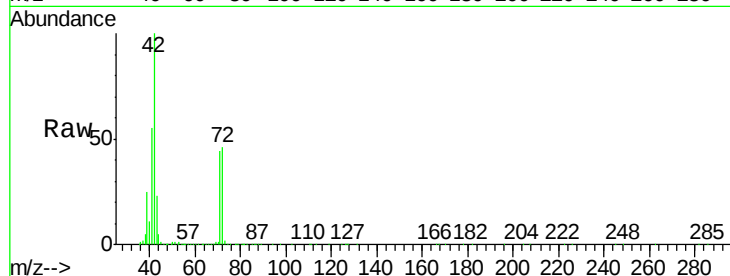
#29
Tetrahydrofuran
Concen: 95.751 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampled :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	44.5	36.2	54.4

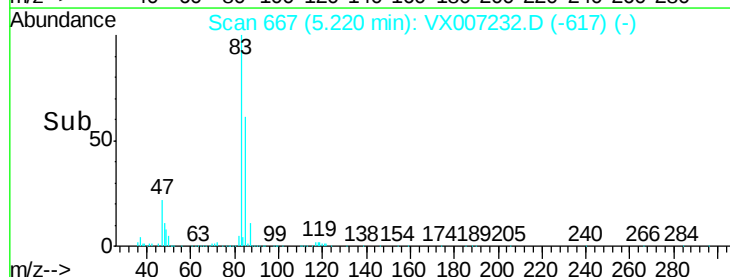
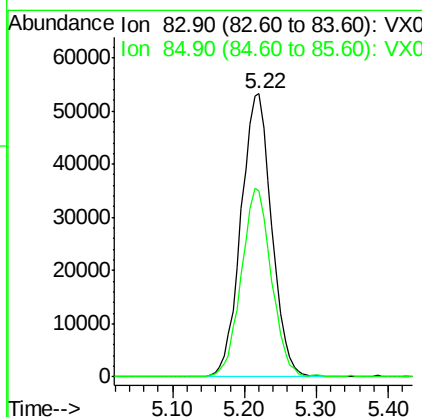
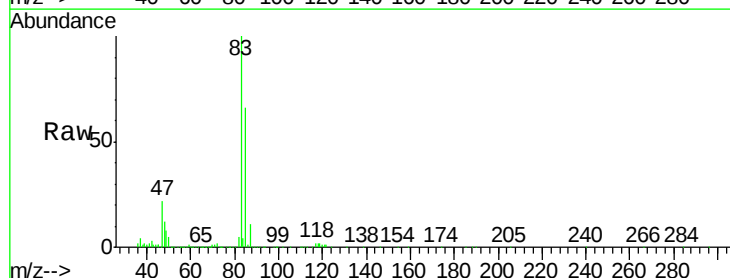
Manual Integrations
APPROVED

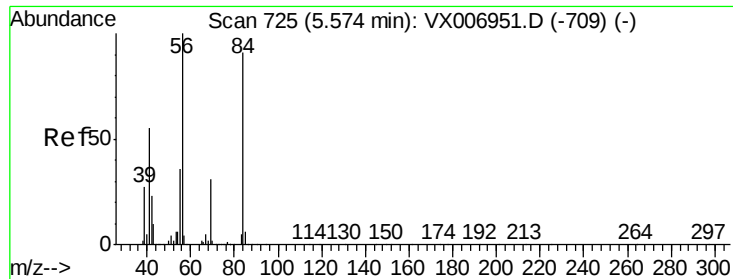
MMDadoda
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#30
Chloroform
Concen: 19.015 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8





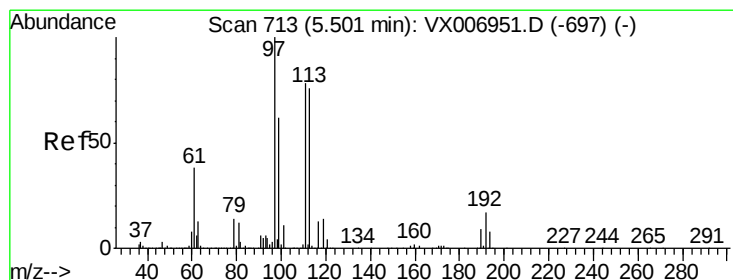
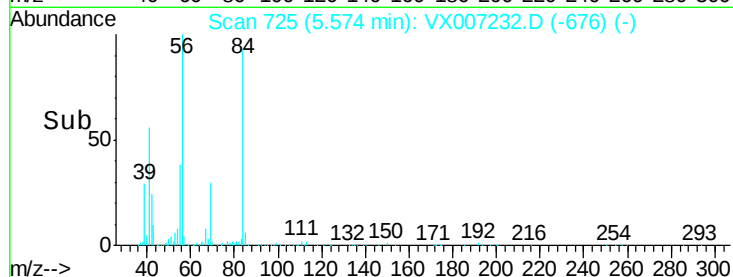
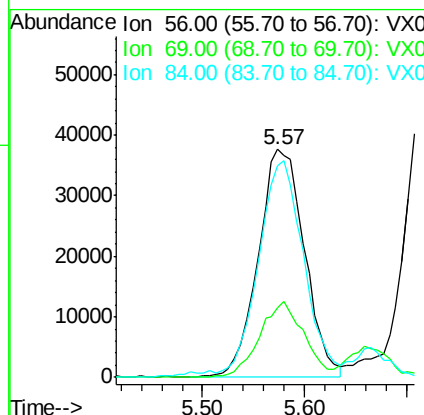
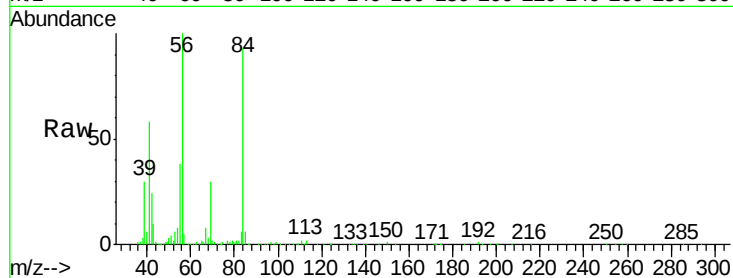
#31
Cyclohexane
Concen: 16.900 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	90.5	70.0	105.0

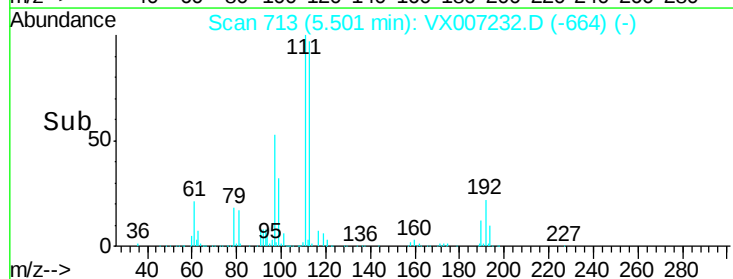
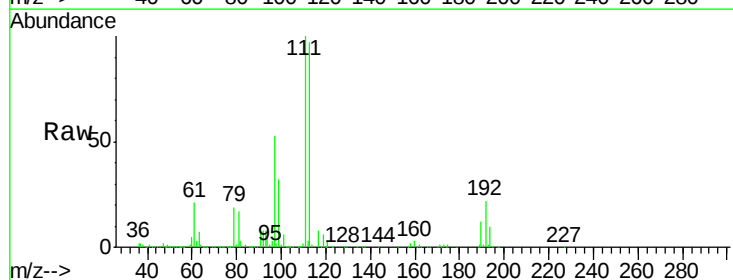
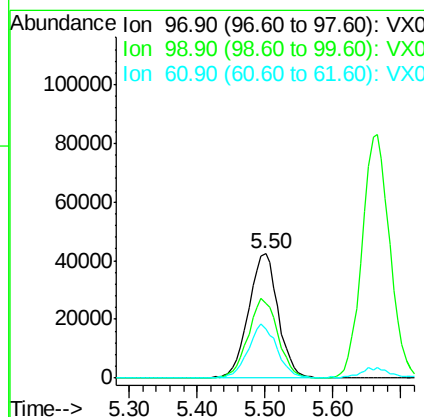
Manual Integrations
APPROVED

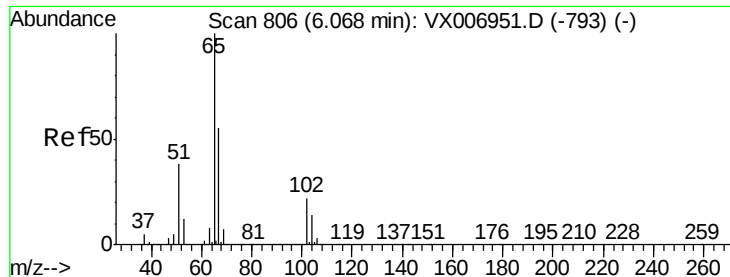
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#32
1,1,1-Trichloroethane
Concen: 18.328 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	42.3	31.3	46.9





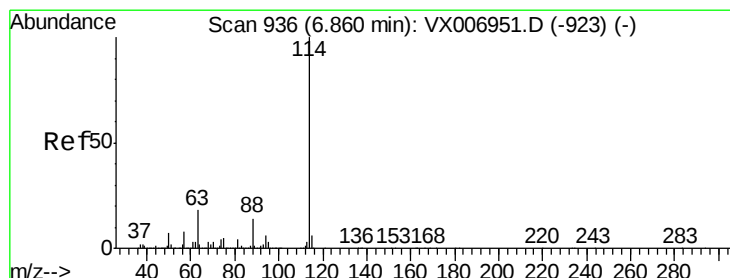
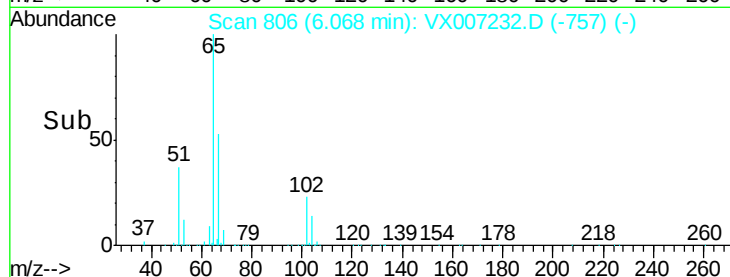
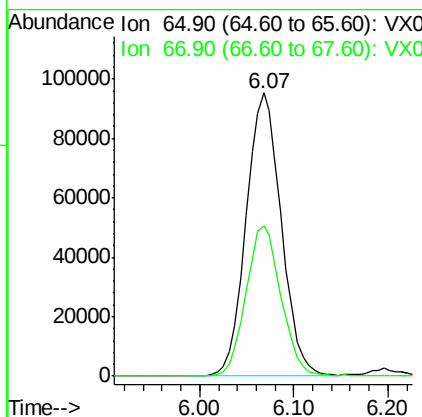
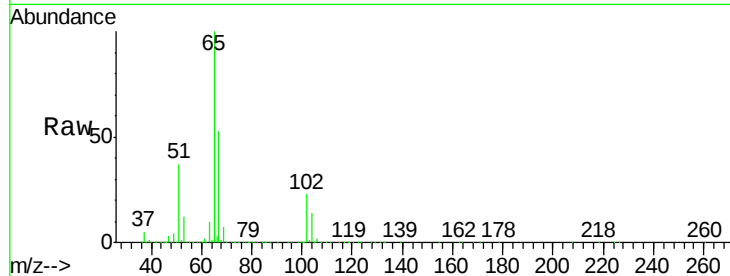
#33
 1,2-Dichloroethane-d4
 Concen: 49.885 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248667		
67	53.0	0.0	105.0	

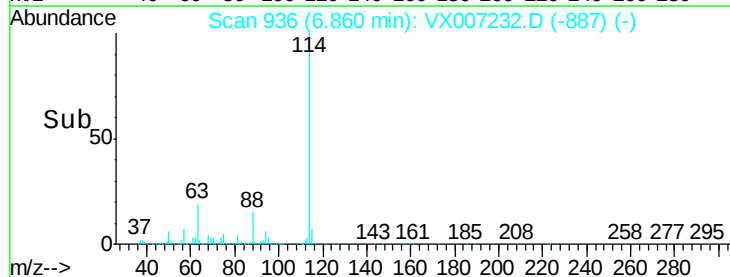
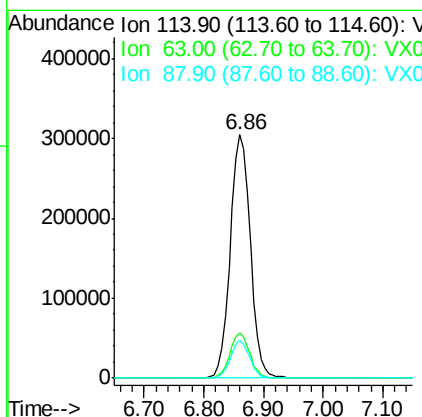
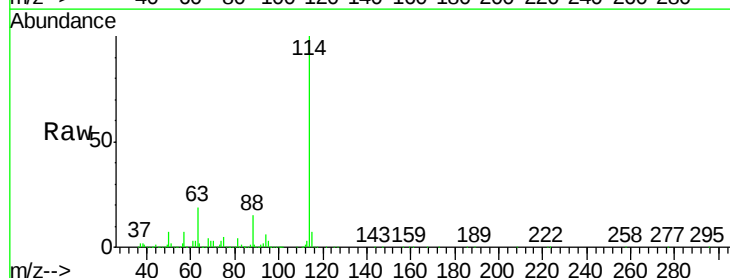
Manual Integrations
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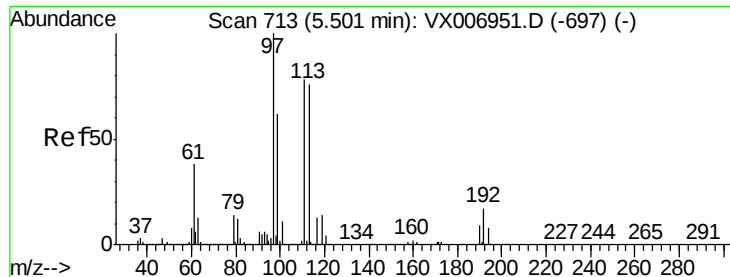
MMDadoda
 1/28/2019 12:01:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	713986		
63	18.8	0.0	34.8	
88	15.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

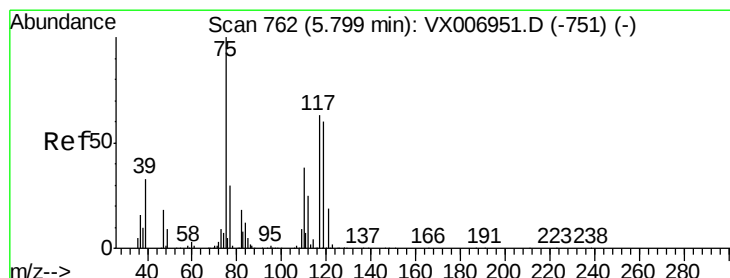
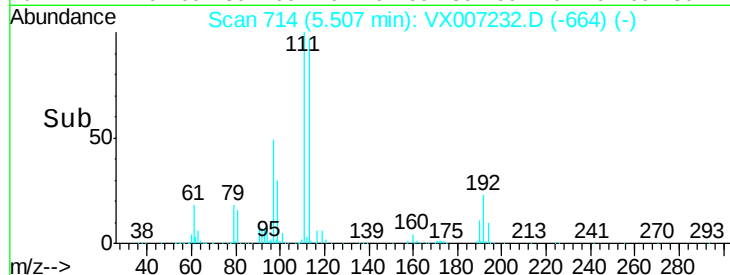
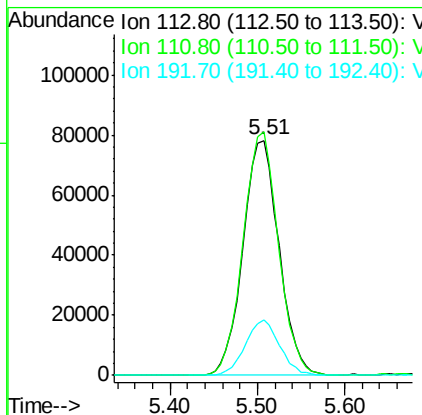
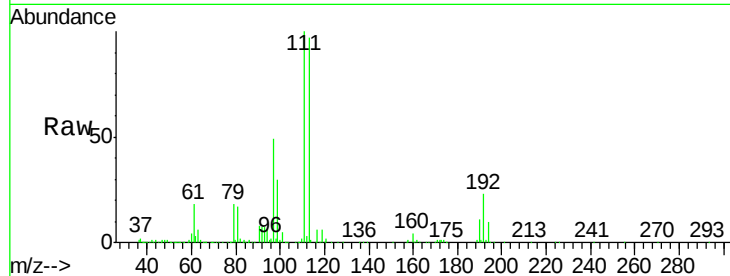
ClientSampleId :

VX0126WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	22.6	16.7	25.1

Manual Integrations
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1/28/2019 12:01:41 PM



#36

1,1-Dichloropropene

Concen: 17.174 ug/l

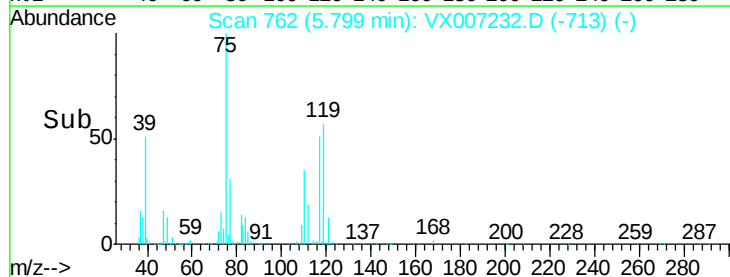
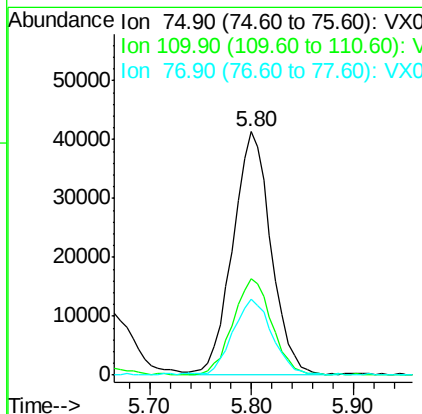
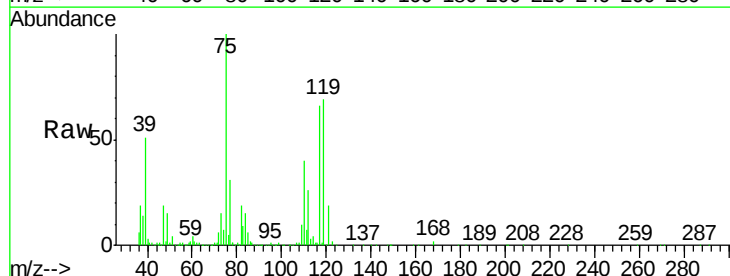
RT: 5.80 min Scan# 762

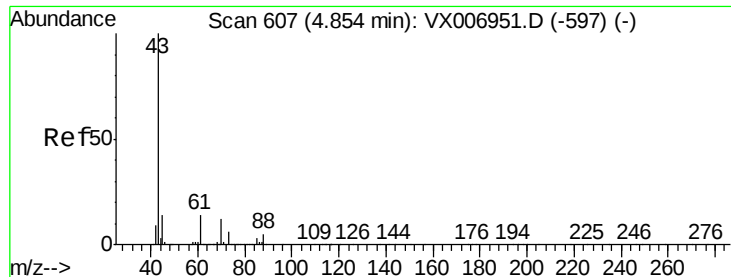
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	20.2	60.5
77	31.7	24.8	37.2





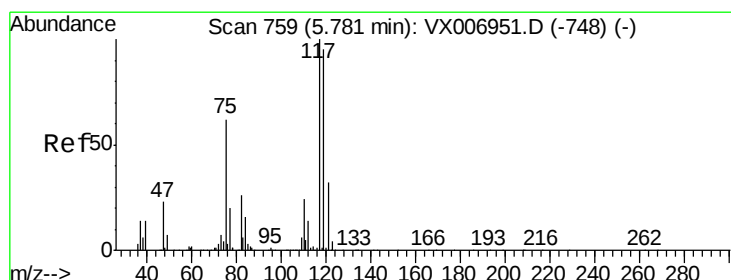
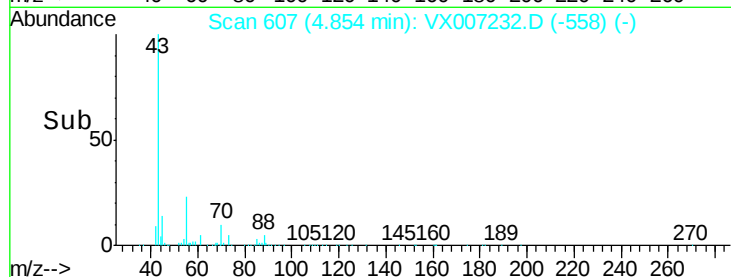
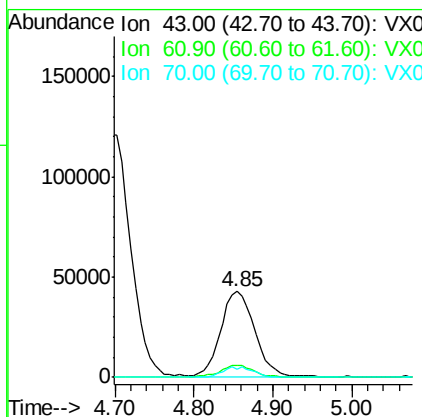
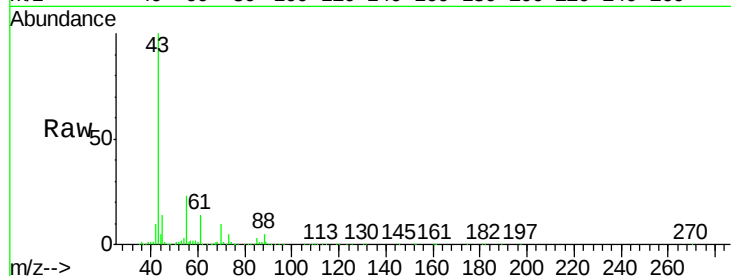
#37
Ethyl Acetate
Concen: 19.163 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion:	43	Resp:	127532
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.1	9.7	14.5

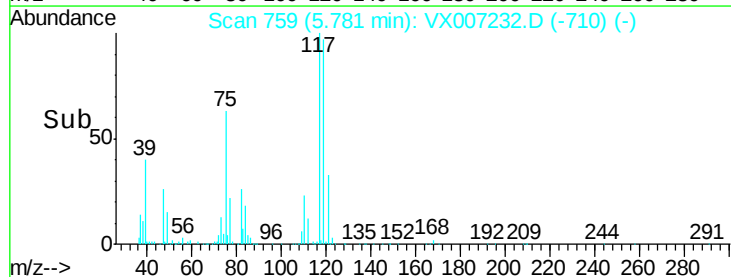
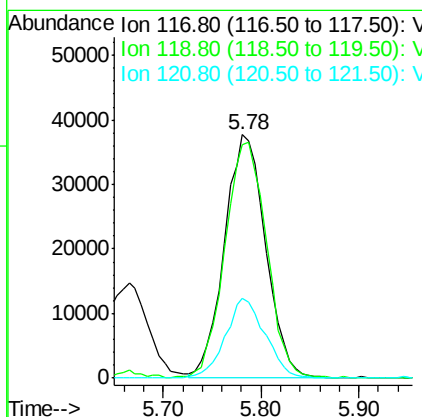
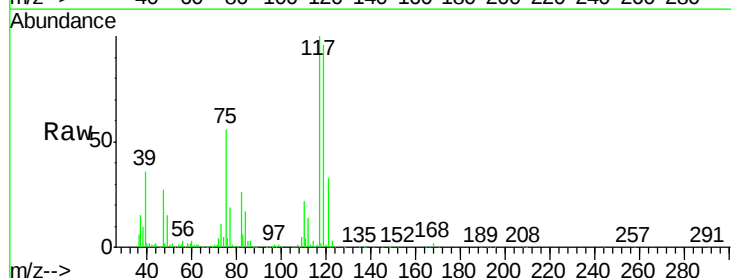
Manual Integrations
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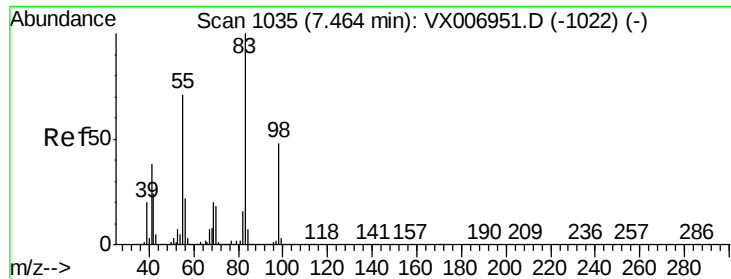
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#38
Carbon Tetrachloride
Concen: 17.596 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion:	117	Resp:	109894
Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.4	119.2
121	32.8	24.0	36.0





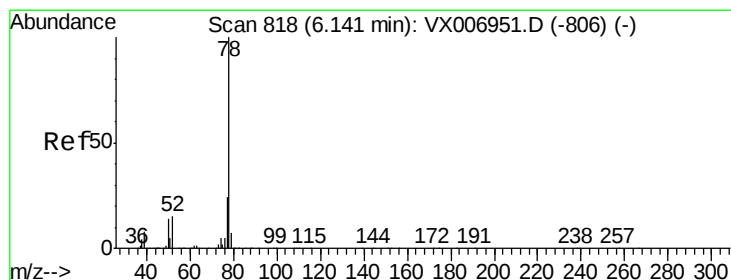
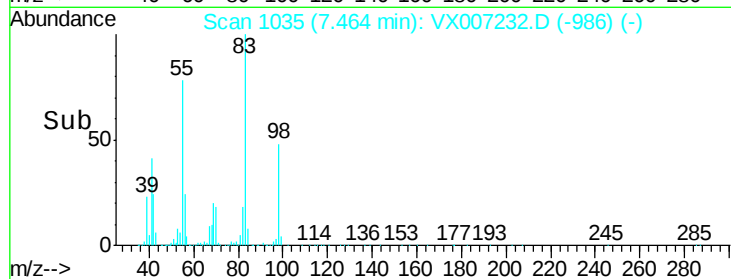
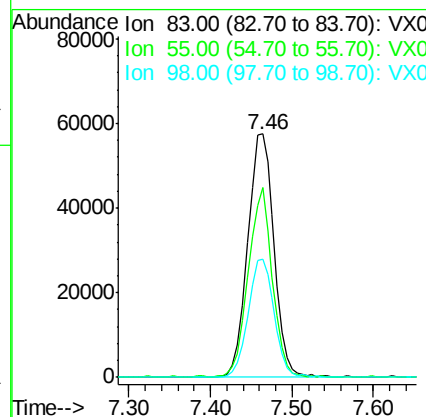
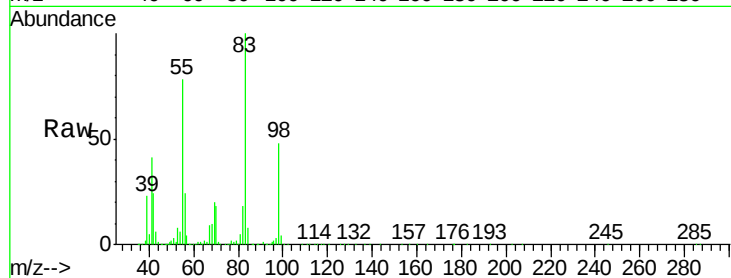
#39
Methvlcvclohexane
Concen: 16.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	54.9	82.3
98	48.3	37.9	56.9

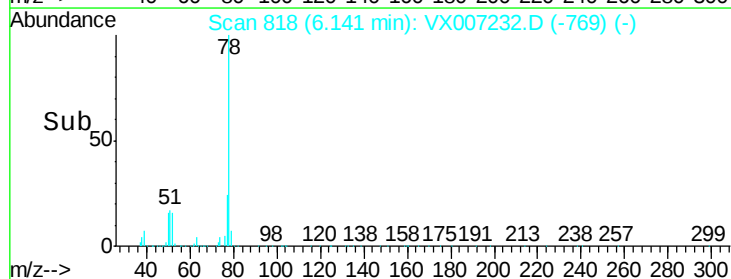
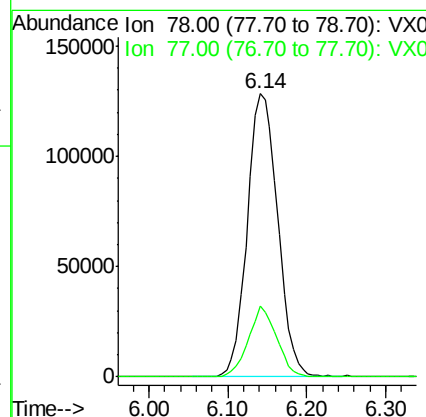
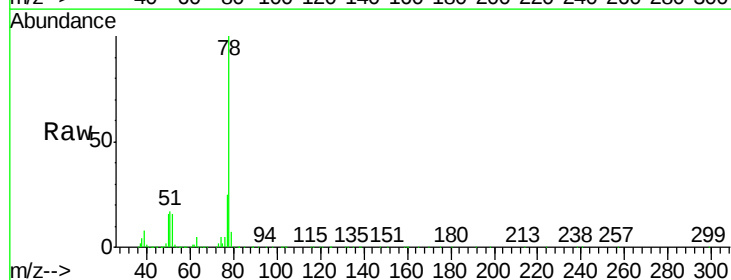
Manual Integrations
APPROVED

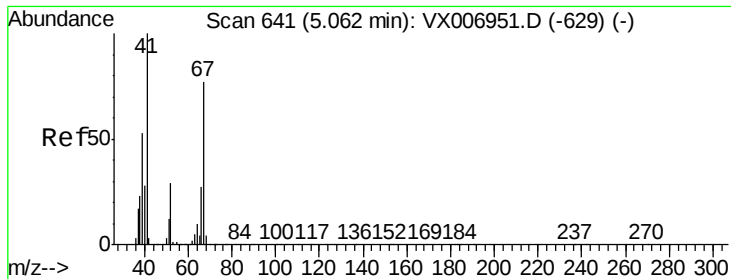
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#40
Benzene
Concen: 18.178 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8





#41

Methacrylonitrile

Concen: 17.929 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007232.D

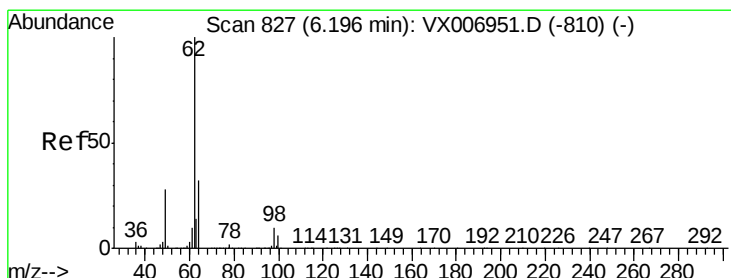
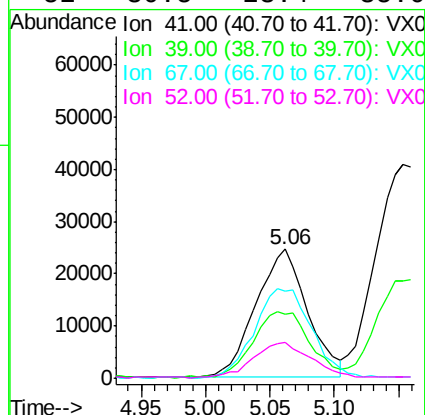
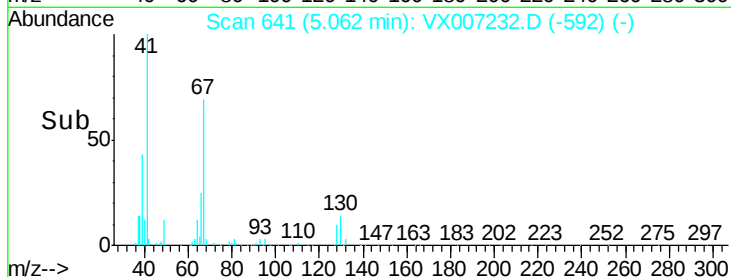
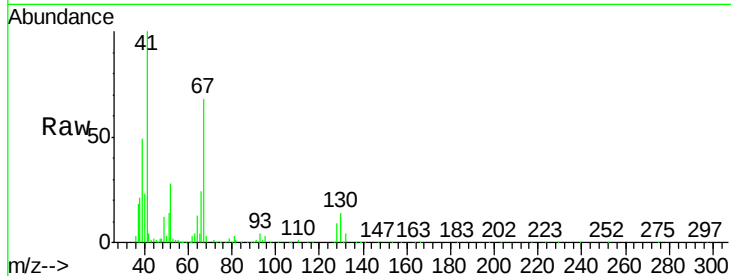
Acq: 25 Jan 2019 16:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		68736		
39	56.3	42.8	64.2		
67	77.0	62.1	93.1		
52	30.5	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.486 ug/l

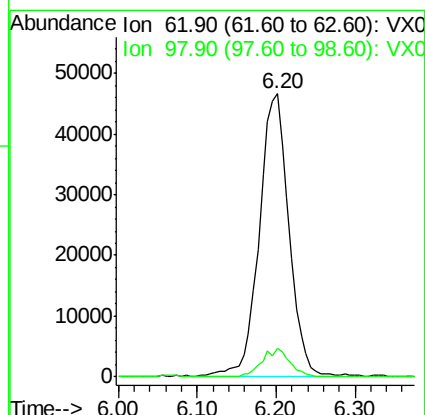
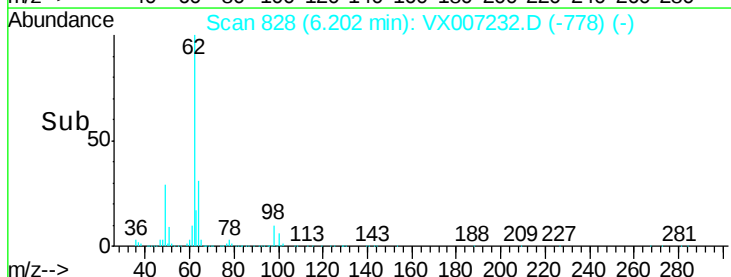
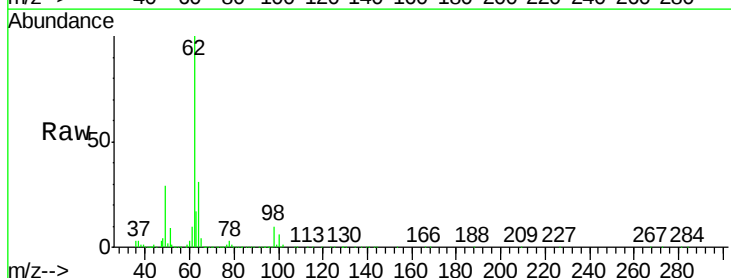
RT: 6.20 min Scan# 828

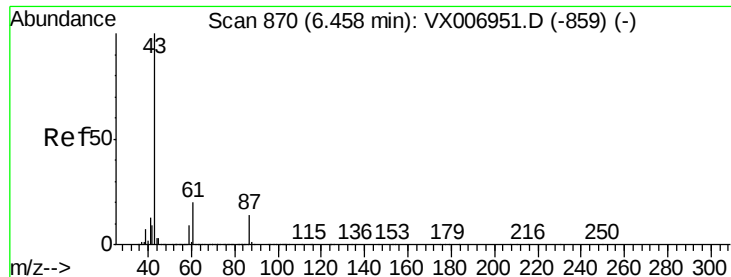
Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		120996		
98	9.7	0.0	20.2		





#43

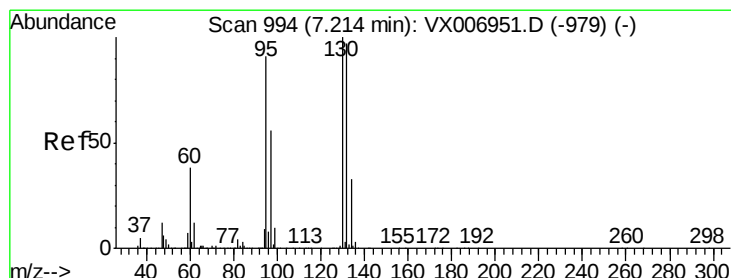
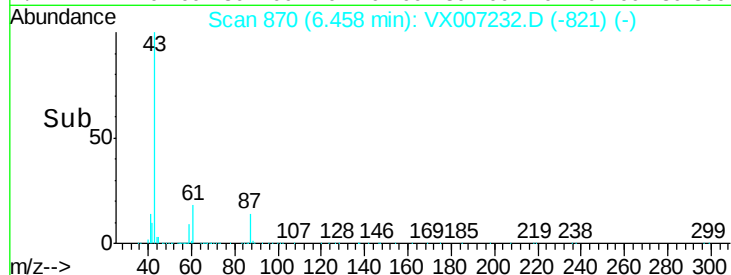
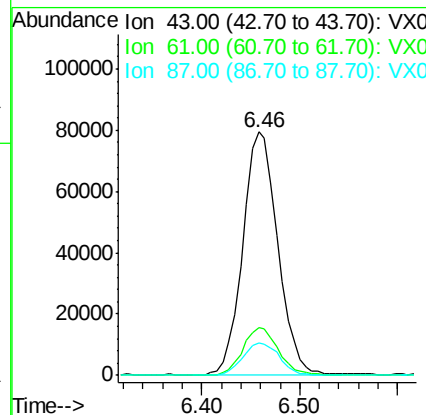
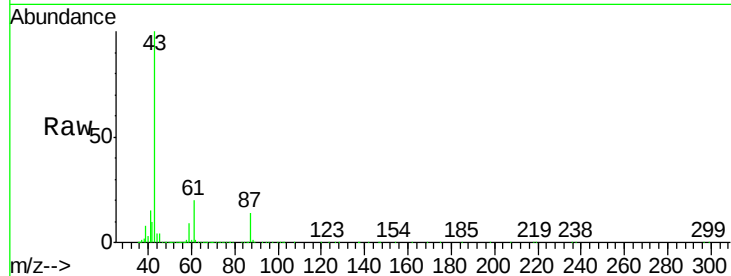
Isopropyl Acetate
 Concen: 18.698 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.1	12.4	18.6

Manual Integrations
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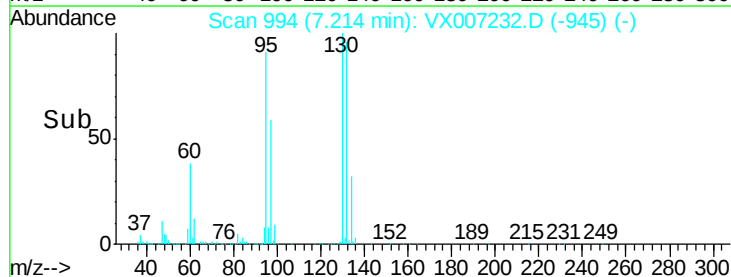
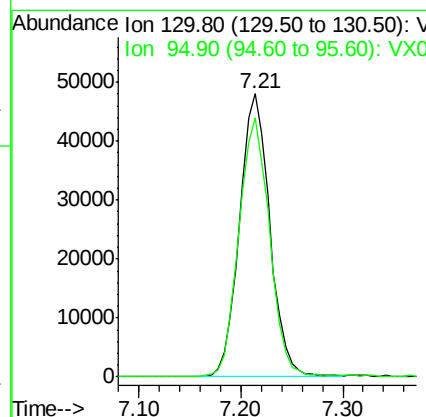
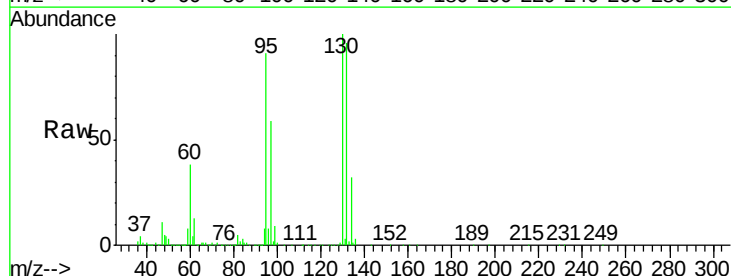
MMDadoda
 1/28/2019 12:01:41 PM

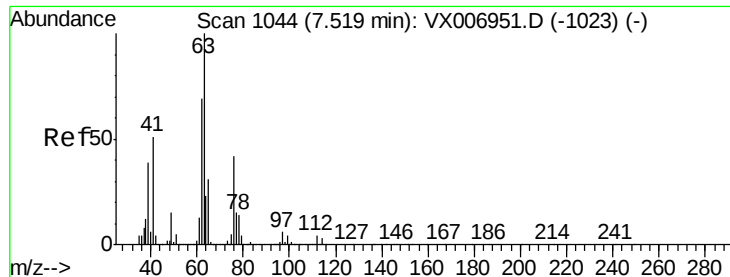


#44

Trichloroethene
 Concen: 17.407 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.861 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 63 Resp: 89815

Ion Ratio Lower Upper

63 100

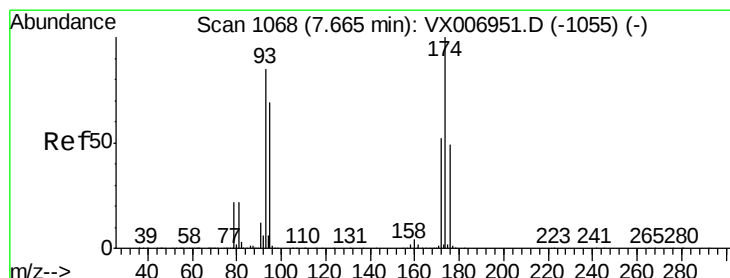
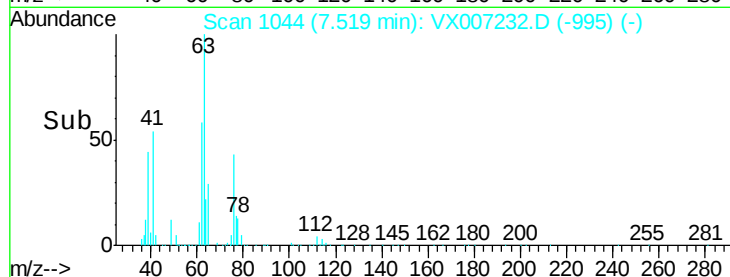
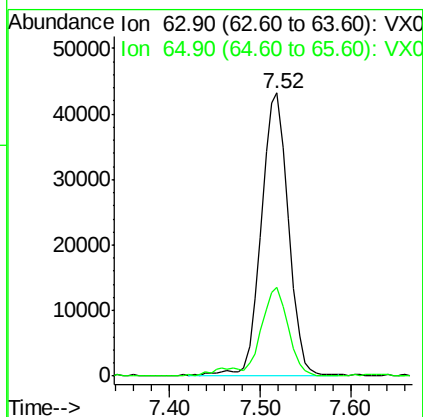
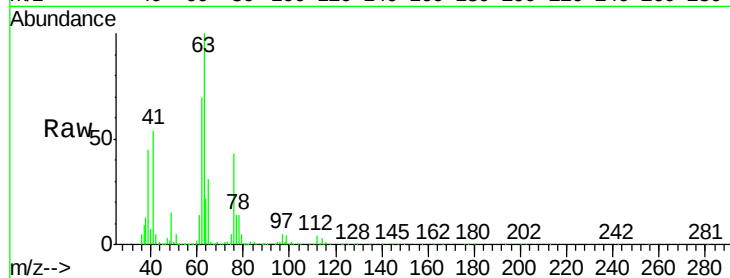
65 31.0 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 18.762 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

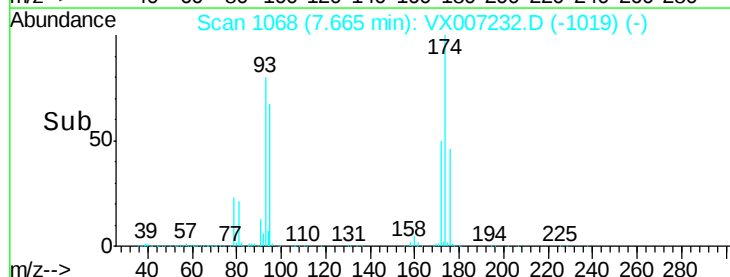
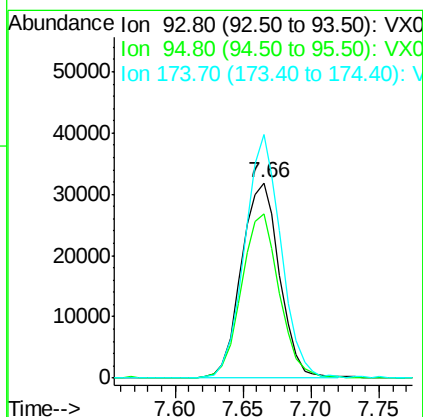
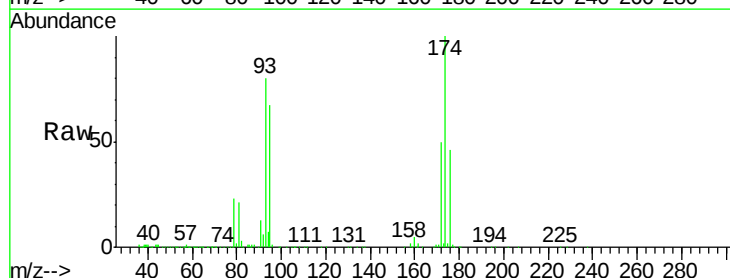
Tgt Ion: 93 Resp: 62791

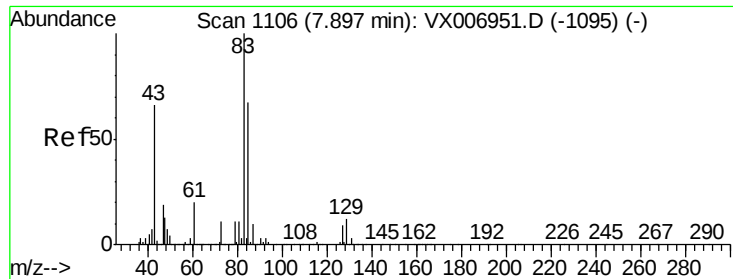
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 118.1 91.0 136.4





#47

Bromodichloromethane

Concen: 18.405 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

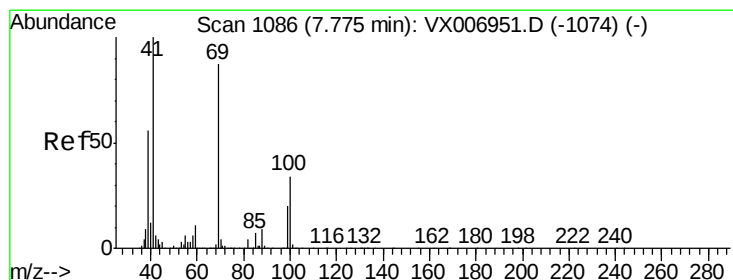
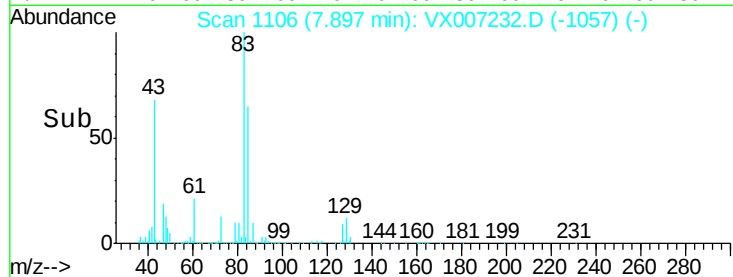
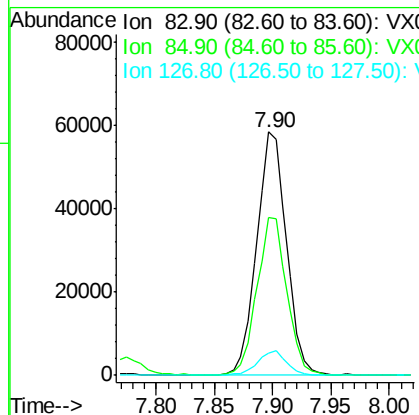
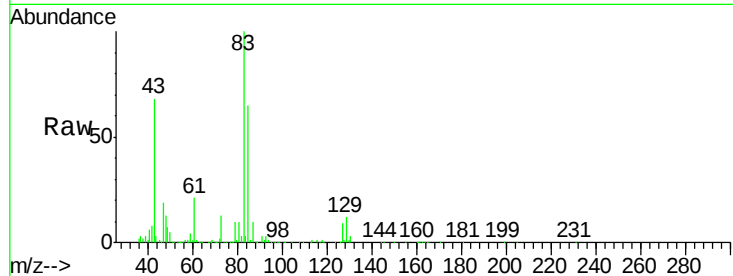
ClientSampleId :

VX0126WBS01

Tot Ion:	83	Resp:	104841
Ion Ratio	Lower	Upper	
83	100		
85	64.7	53.2	79.8
127	8.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.689 ug/l

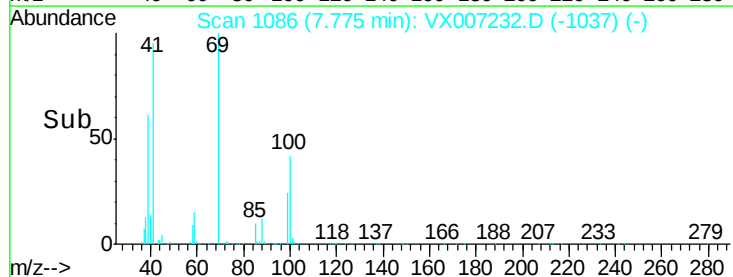
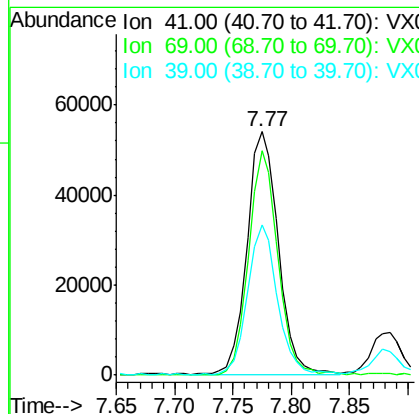
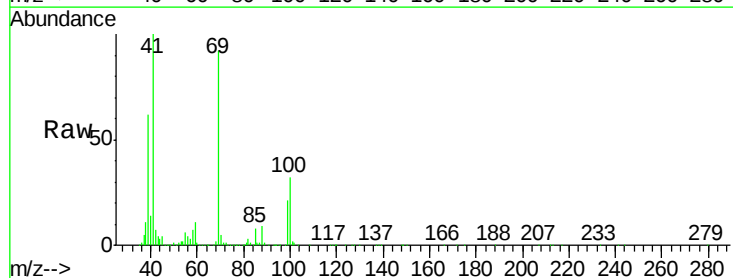
RT: 7.77 min Scan# 1086

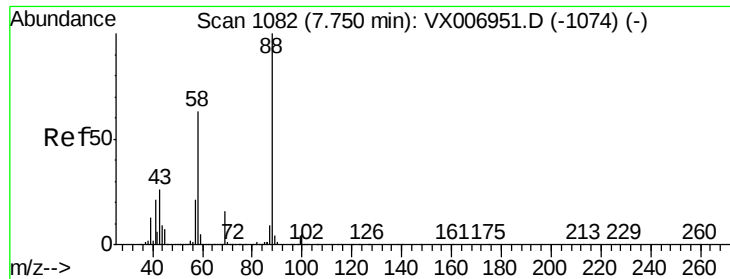
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	41	Resp:	100747
Ion Ratio	Lower	Upper	
41	100		
69	87.4	72.4	108.6
39	60.6	45.8	68.8





#49

1,4-Dioxane

Concen: 396.160 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

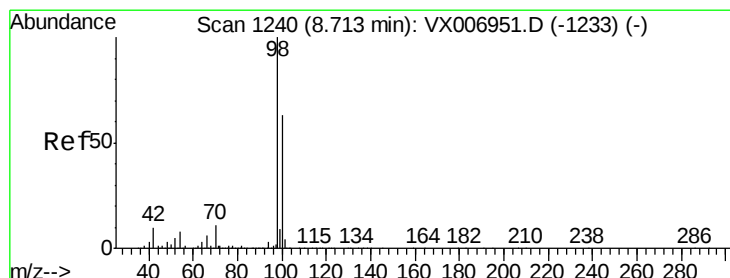
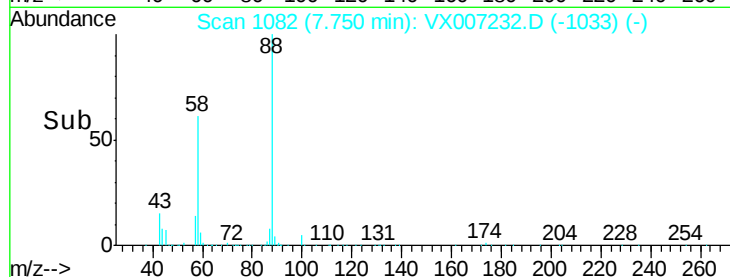
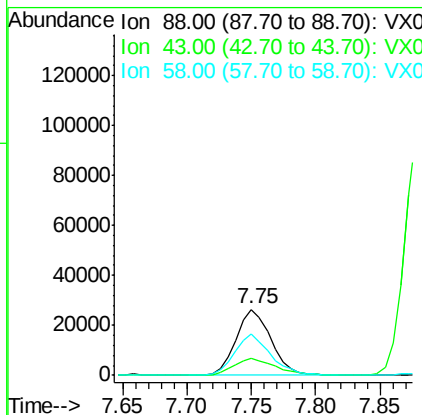
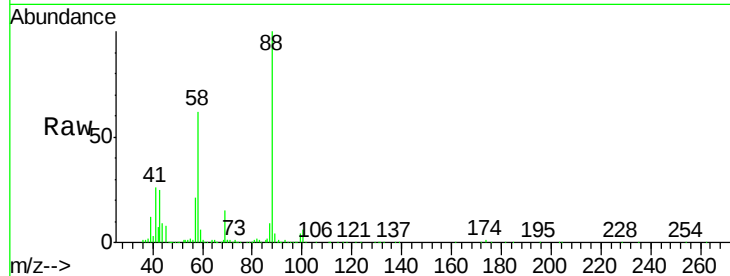
ClientSampleId :

VX0126WBS01

Tot Ion:	88	Resp:	49409
Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.2	33.4
58	62.8	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.836 ug/l

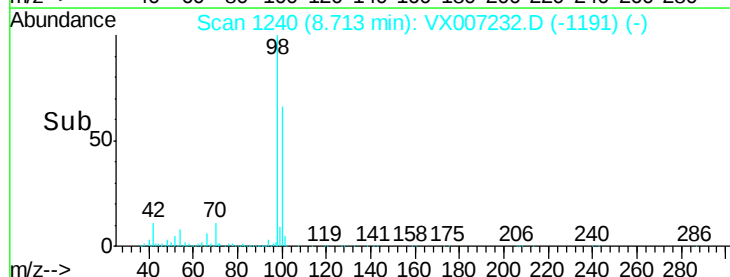
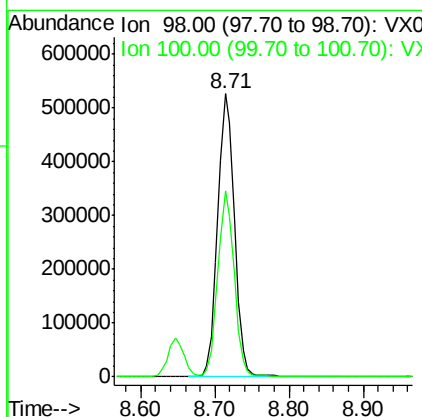
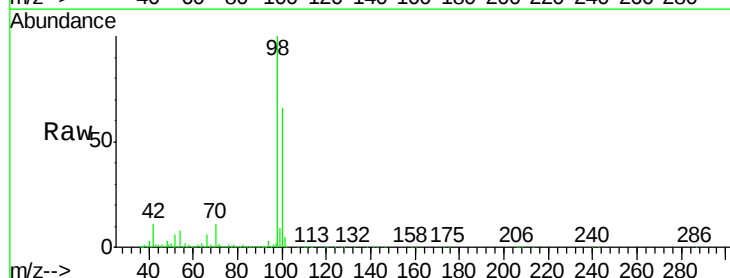
RT: 8.71 min Scan# 1240

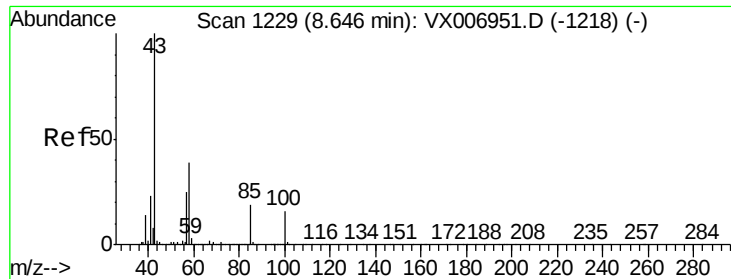
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	98	Resp:	817323
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





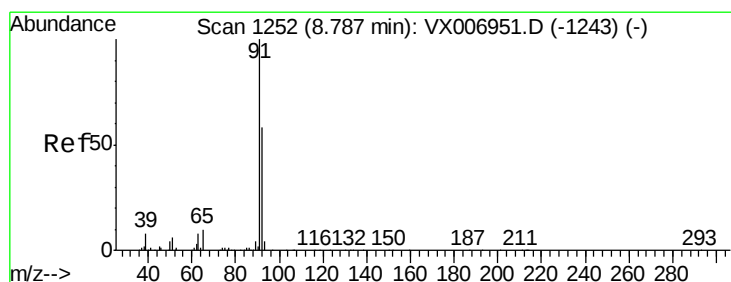
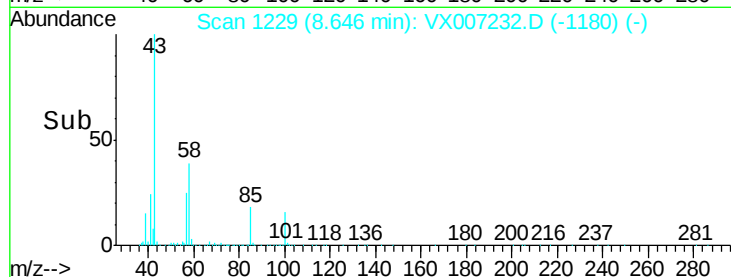
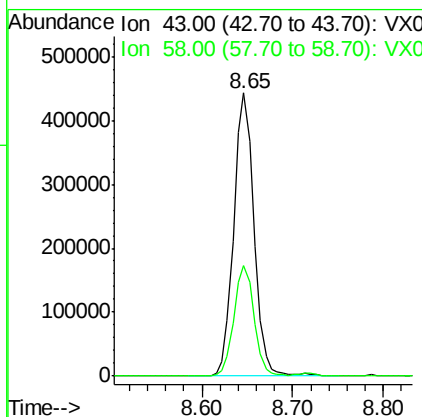
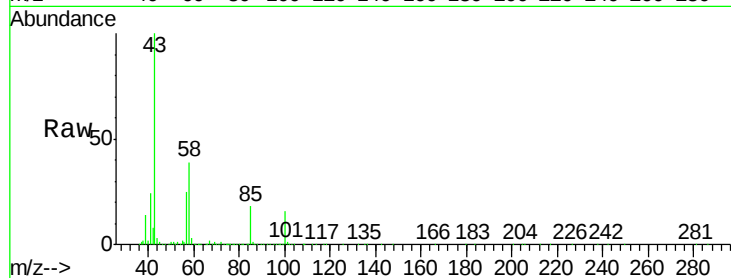
#51
4-Methyl-2-Pentanone
Concen: 101.902 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.8	47.6

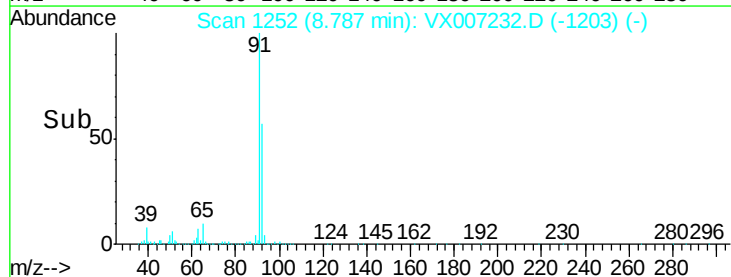
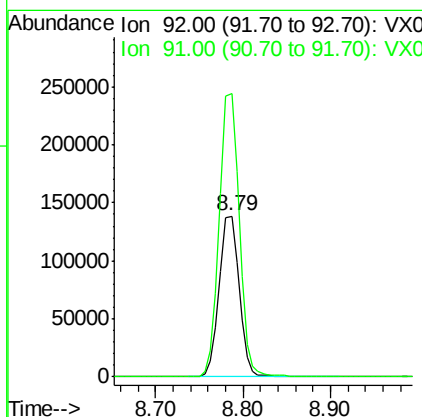
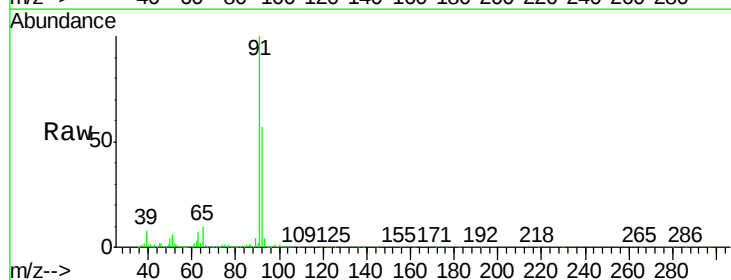
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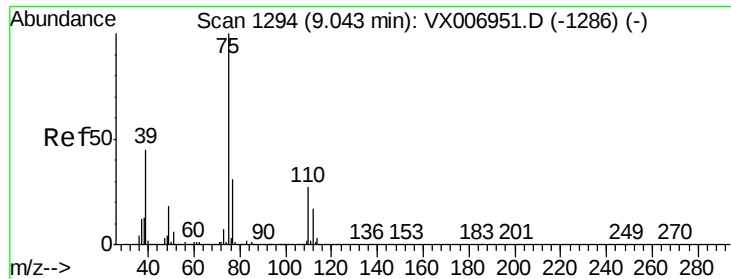
MMDadoda
1/28/2019 12:01:41 PM



#52
Toluene
Concen: 18.132 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.2	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 17.698 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 75 Resp: 111790

Ion Ratio Lower Upper

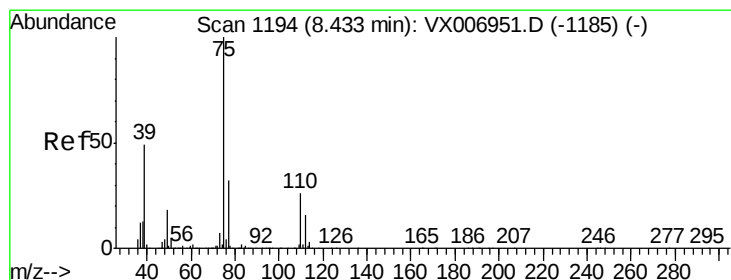
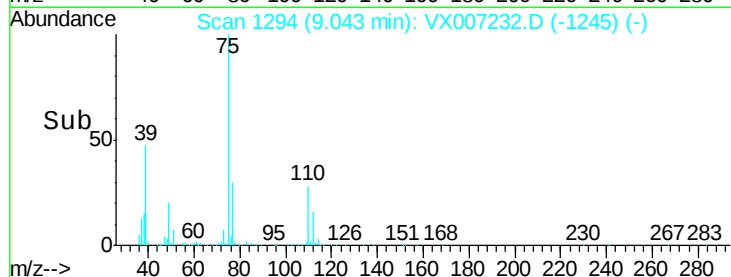
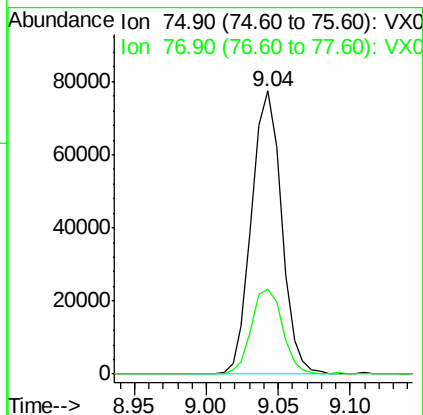
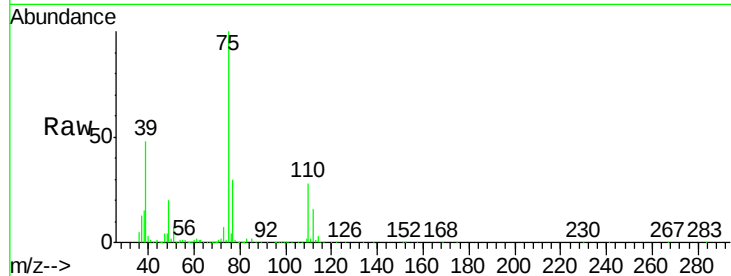
75 100

77 30.0 25.4 38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.295 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

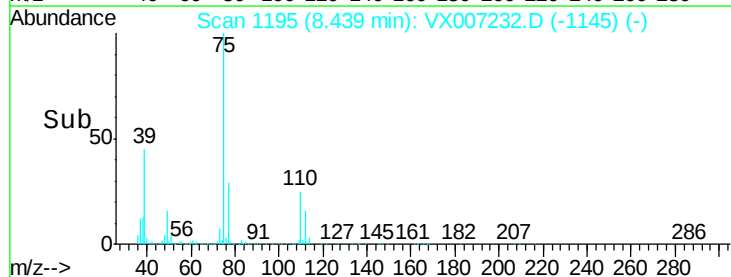
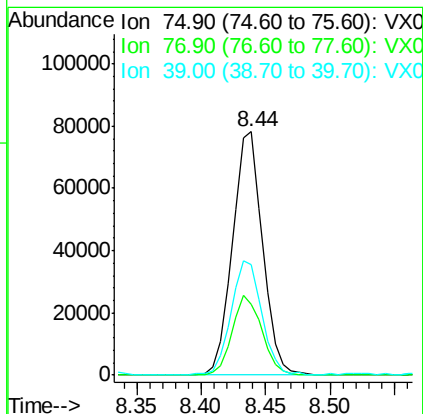
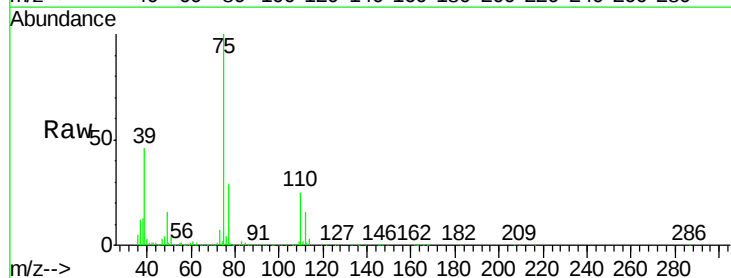
Tgt Ion: 75 Resp: 127621

Ion Ratio Lower Upper

75 100

77 29.2 26.2 39.2

39 45.4 36.7 55.1





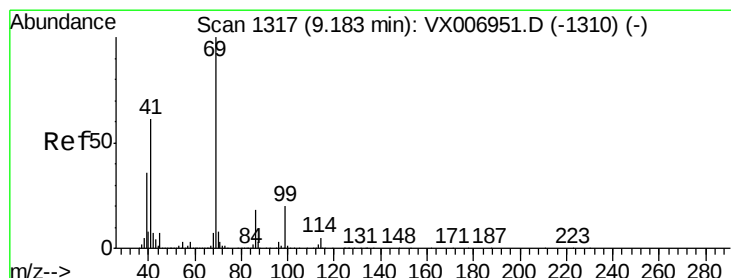
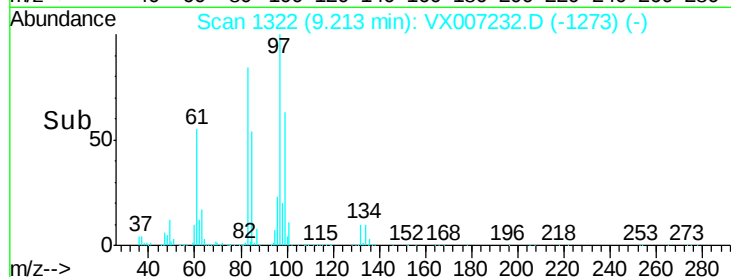
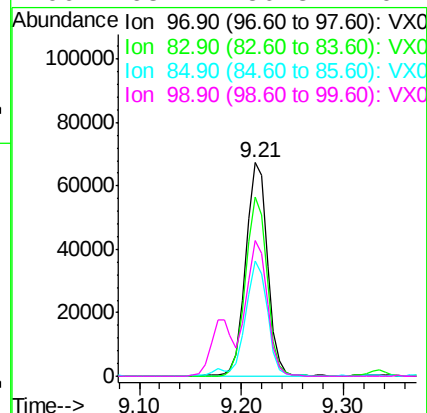
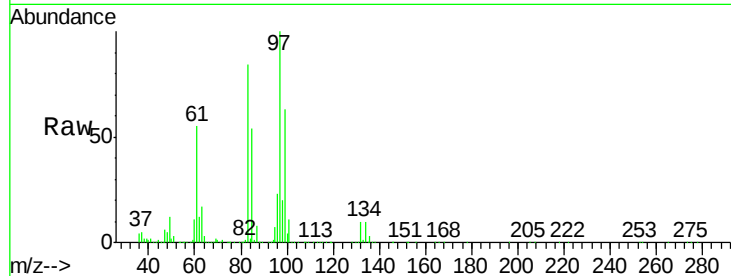
#55
 1,1,2-Trichloroethane
 Concen: 20.422 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		99514		
83	83.5	66.6	99.8		
85	53.4	42.7	64.1		
99	63.2	50.8	76.2		

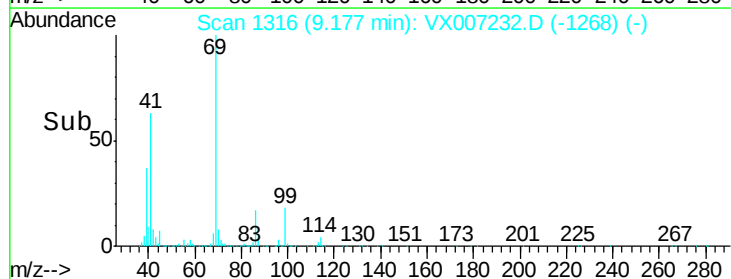
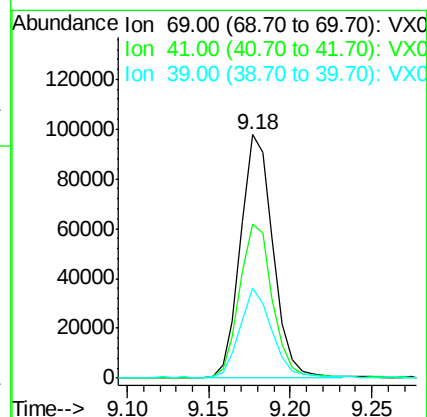
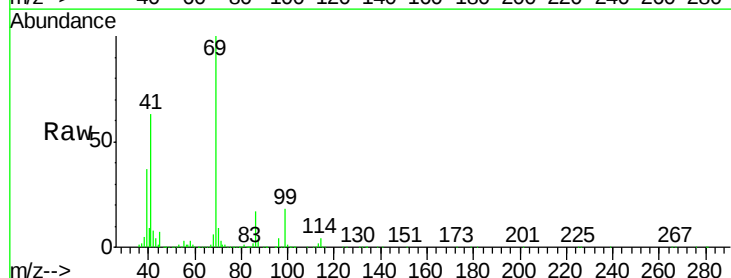
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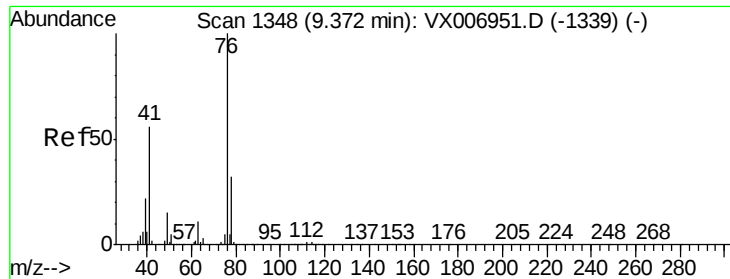
MMDadoda
 1/28/2019 12:01:41 PM



#56
 Ethyl methacrylate
 Concen: 19.215 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		136690		
41	64.2	48.7	73.1		
39	35.8	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 19.366 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 76 Resp: 154602

Ion Ratio Lower Upper

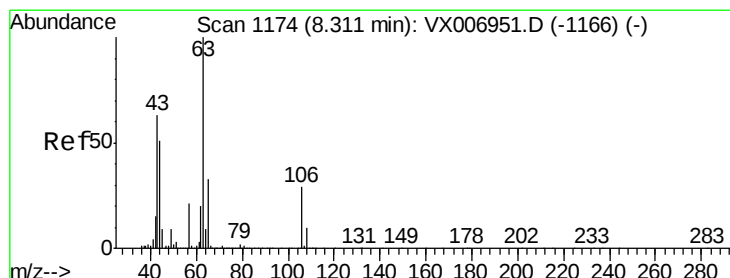
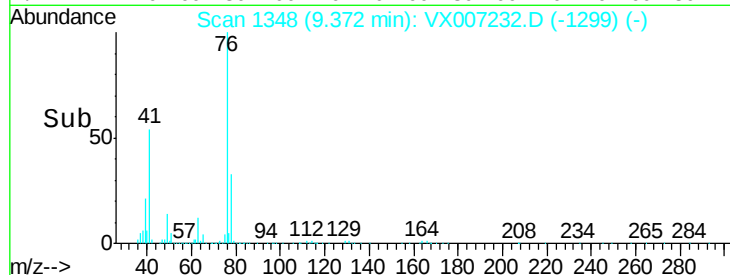
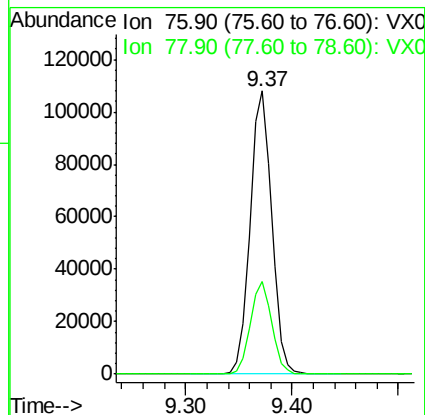
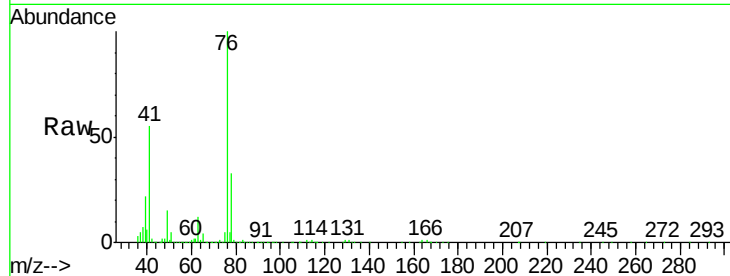
76 100

78 31.9 26.0 39.0

Manual Integrations
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1/28/2019 12:01:41 PM



#58

2-Chloroethyl Vinyl ether

Concen: 92.453 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007232.D

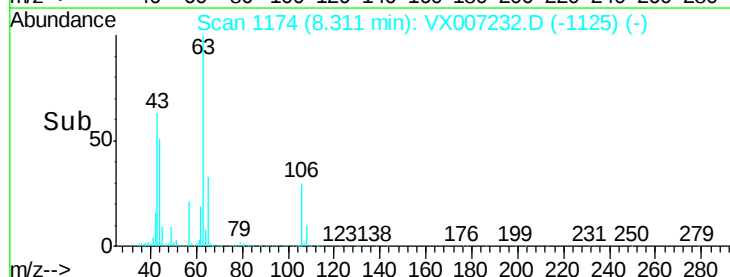
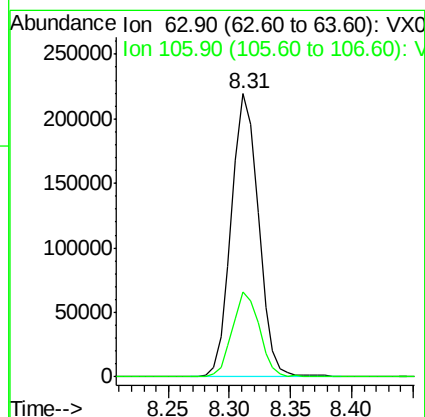
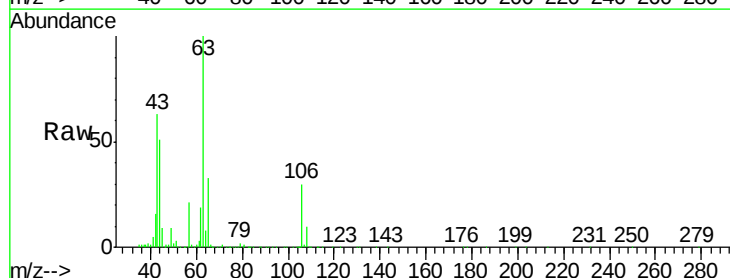
Acq: 25 Jan 2019 16:42

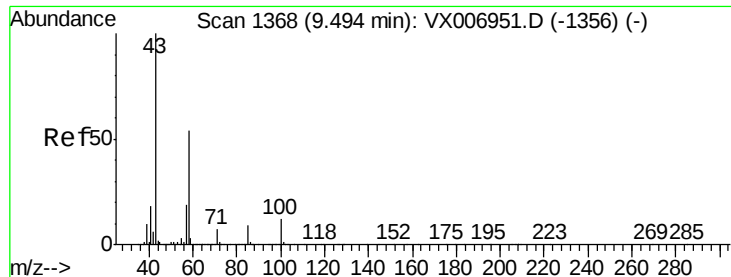
Tgt Ion: 63 Resp: 338151

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8





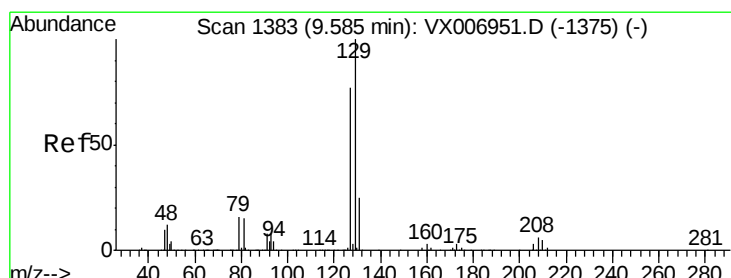
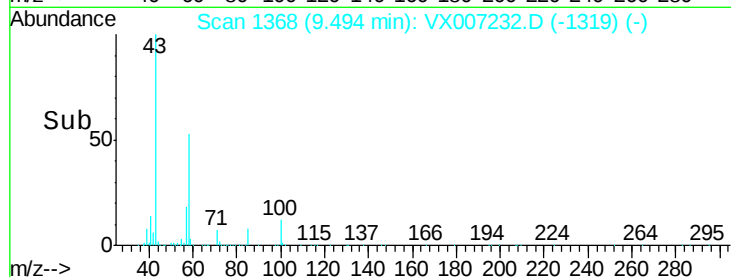
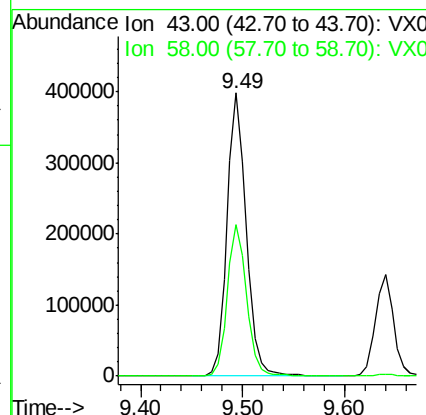
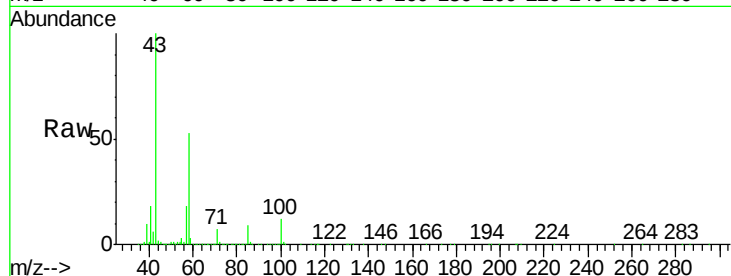
#59
2-Hexanone
Concen: 101.576 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion: 43 Resp: 522206
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

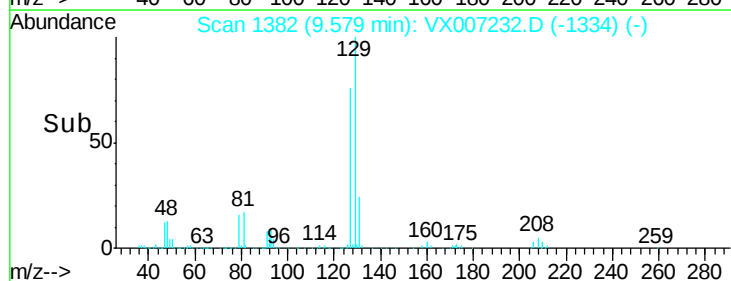
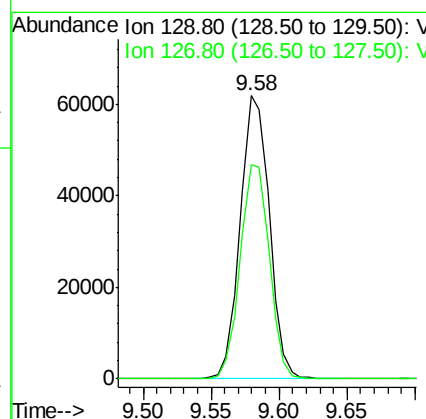
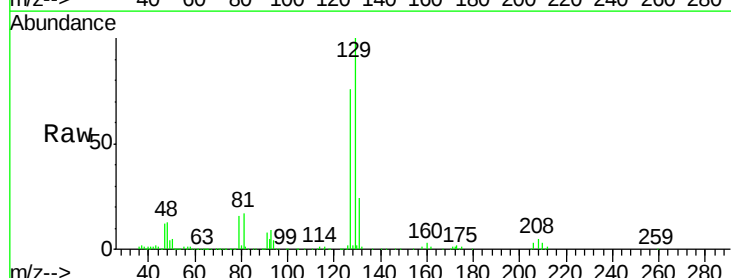
Manual Integrations
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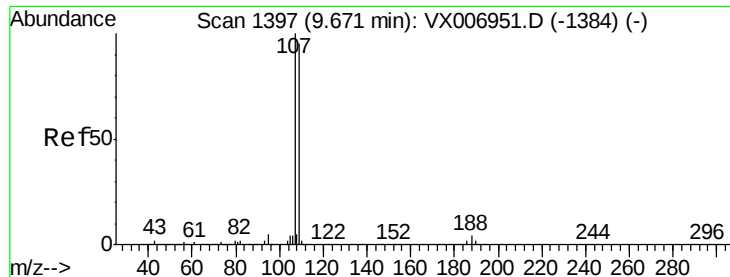
MMDadoda
1/28/2019 12:01:41 PM



#60
Dibromochloromethane
Concen: 19.497 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 129 Resp: 92255
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.874 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 107 Resp: 101251

Ion Ratio Lower Upper

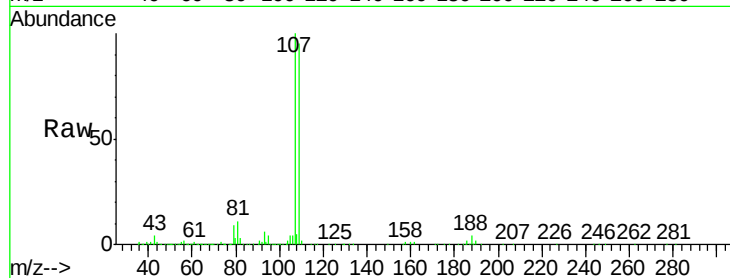
107 100

109 94.7 75.8 113.6

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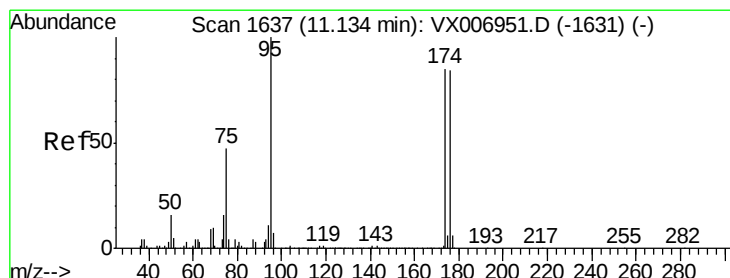
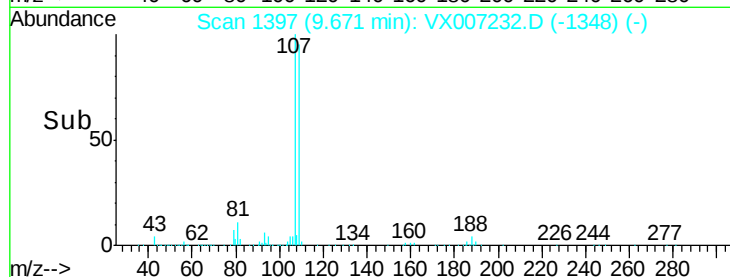
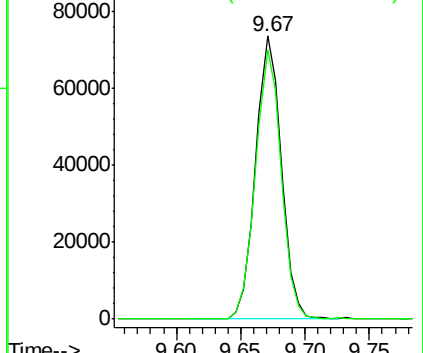
MMDadoda

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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: 49.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

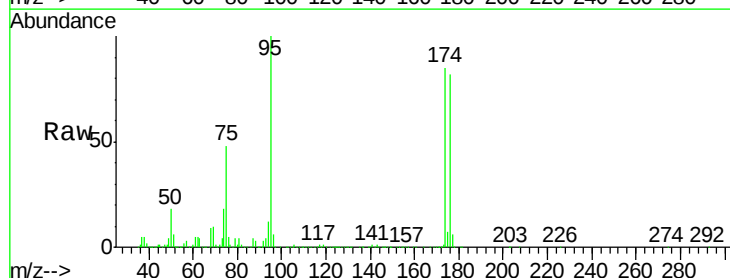
Tgt Ion: 95 Resp: 288832

Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.2

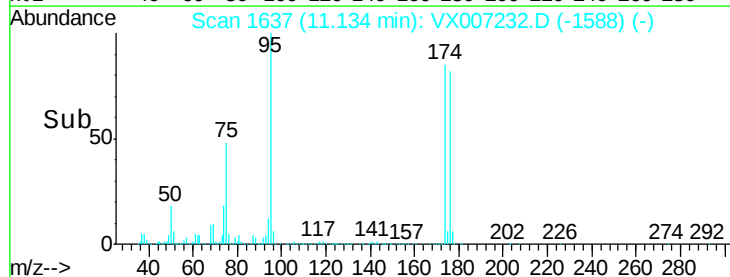
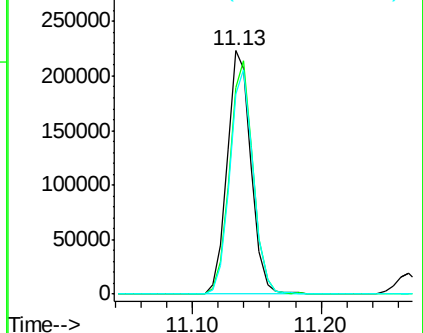
176 91.3 0.0 178.8

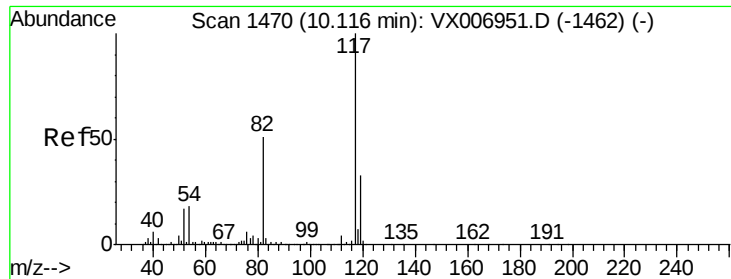


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





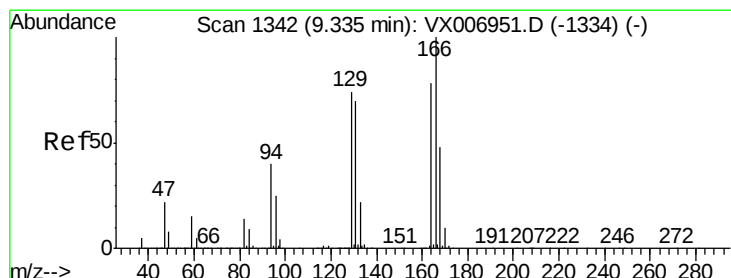
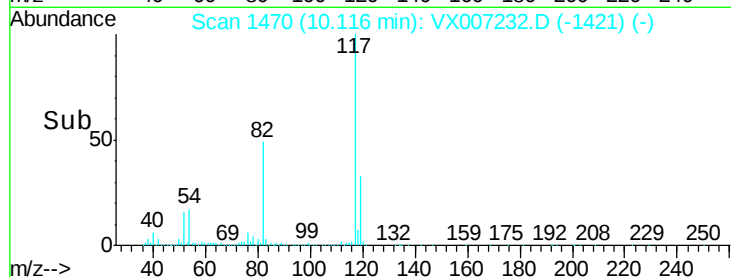
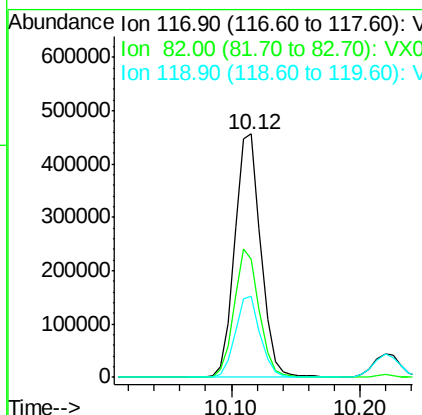
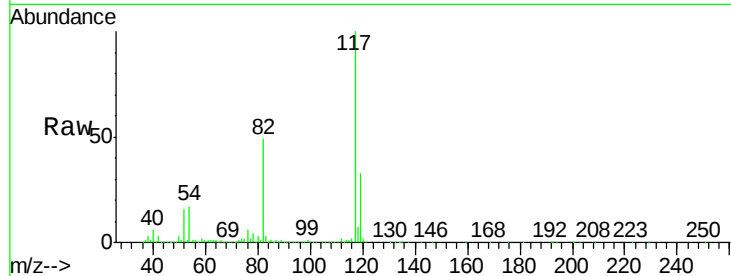
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.0	61.6
119	33.1	25.4	38.0

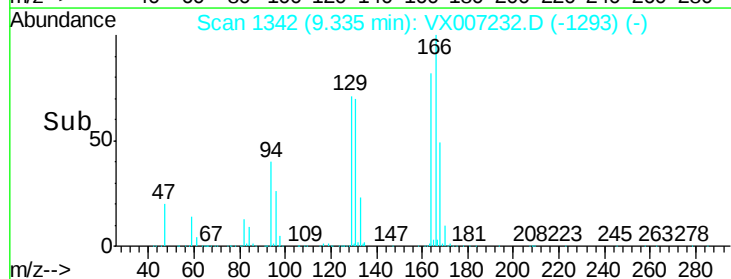
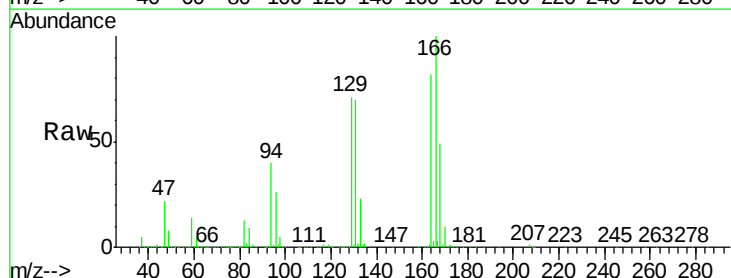
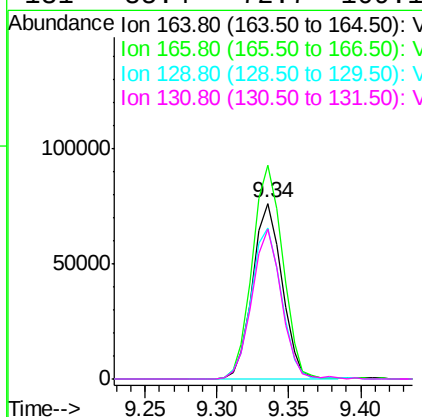
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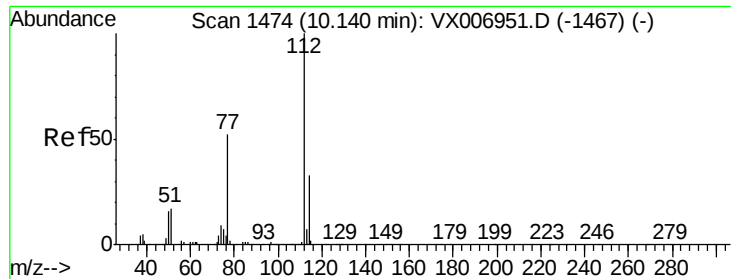
MMDadoda
1/28/2019 12:01:41 PM



#64
Tetrachloroethene
Concen: 19.483 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	102.5	153.7
129	86.0	75.1	112.7
131	85.4	72.7	109.1





#65

Chlorobenzene

Concen: 18.670 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion:112 Resp: 260915

Ion Ratio Lower Upper

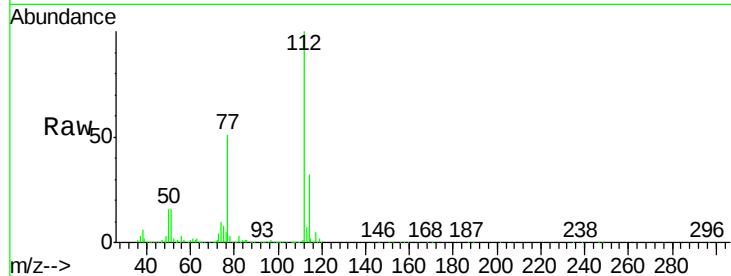
112 100

114 32.4 25.7 38.5

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

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

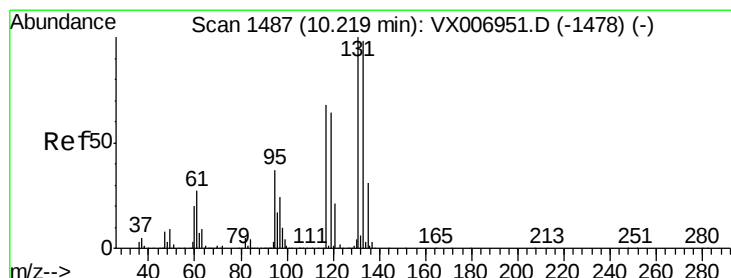
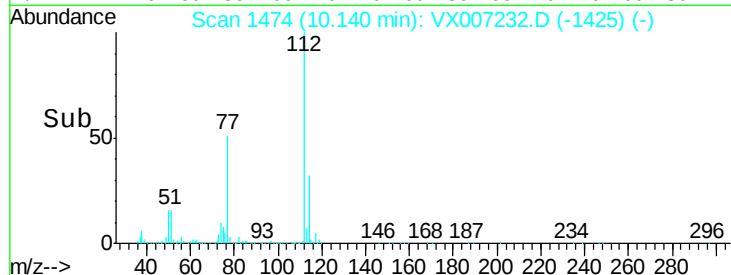
0

10.10

10.14

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.633 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

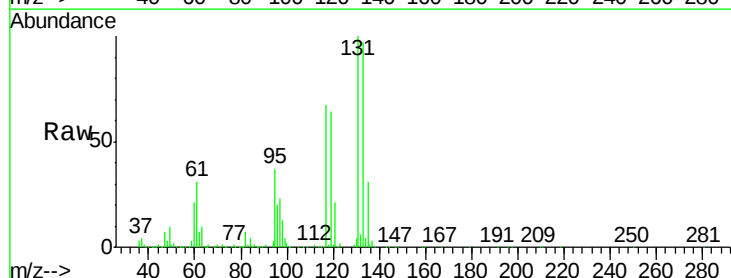
Tgt Ion:131 Resp: 92300

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.2

119 65.7 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

200000

150000

100000

50000

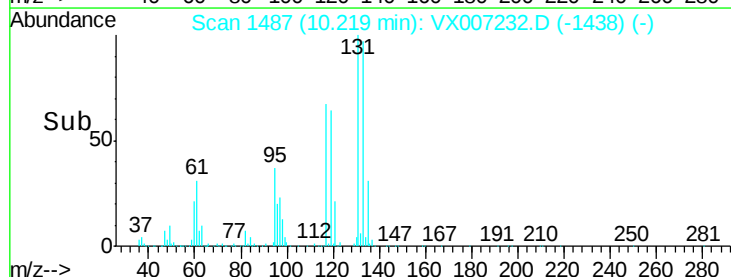
0

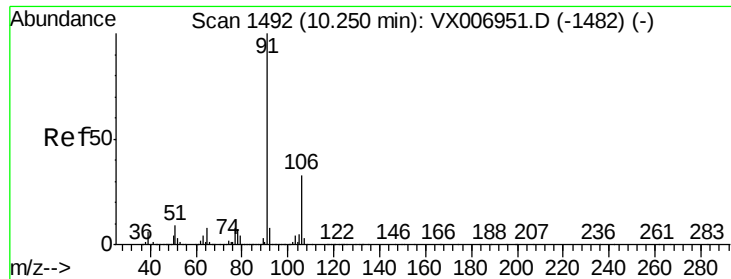
10.20

10.22

10.30

Time-->





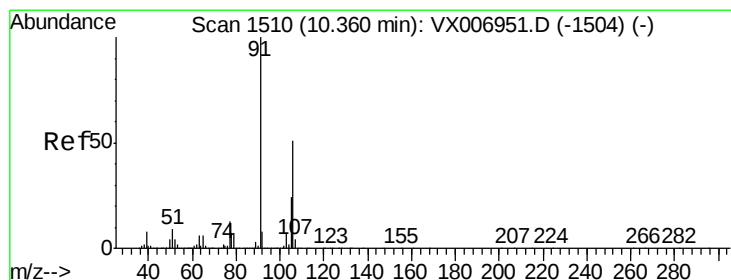
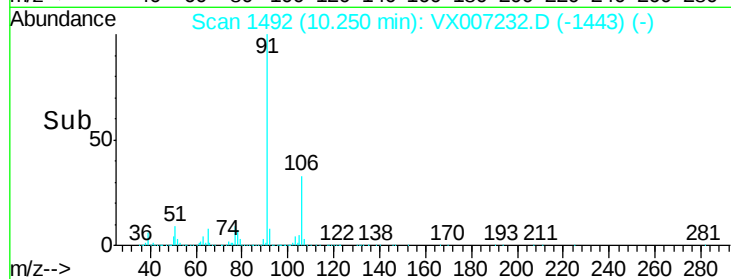
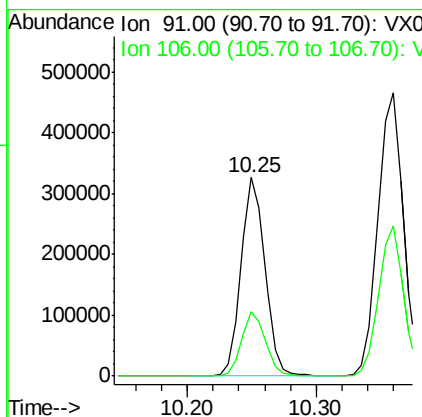
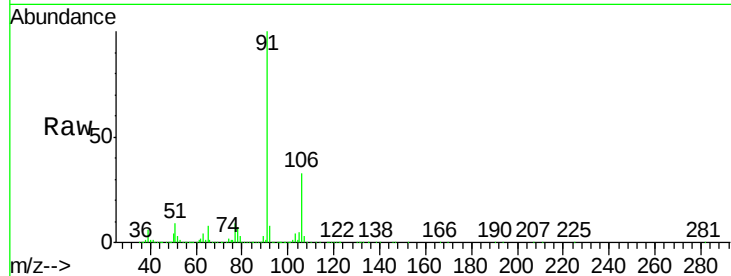
#67
Ethyl Benzene
Concen: 18.285 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampled :
VX0126WBS01

Tot Ion: 91 Resp: 421860
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6

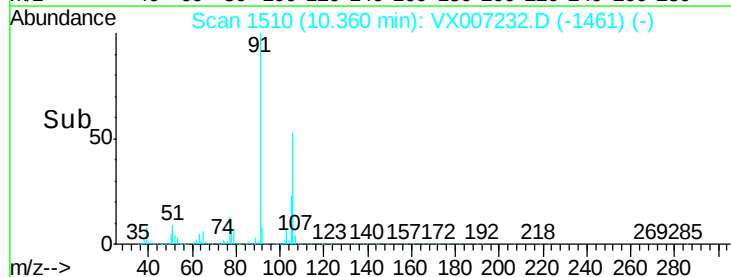
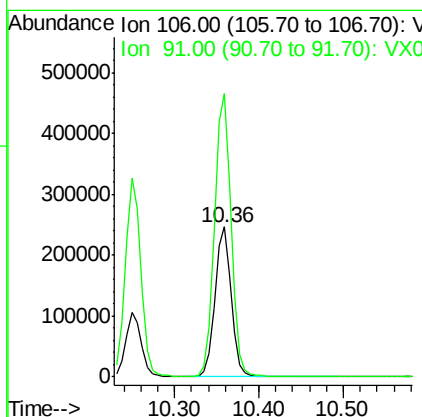
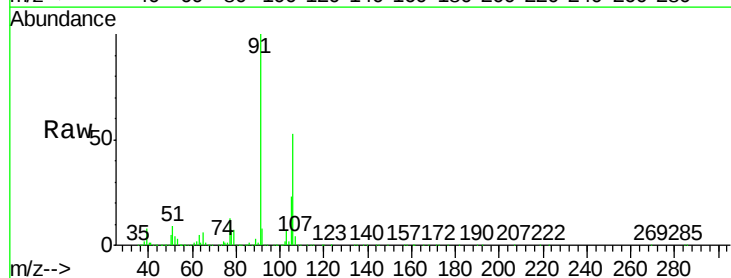
Manual Integrations
APPROVED

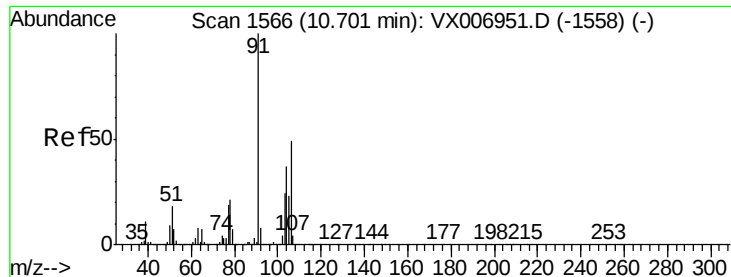
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#68
m/p-Xylenes
Concen: 36.340 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 106 Resp: 330318
Ion Ratio Lower Upper
106 100
91 192.8 155.8 233.6





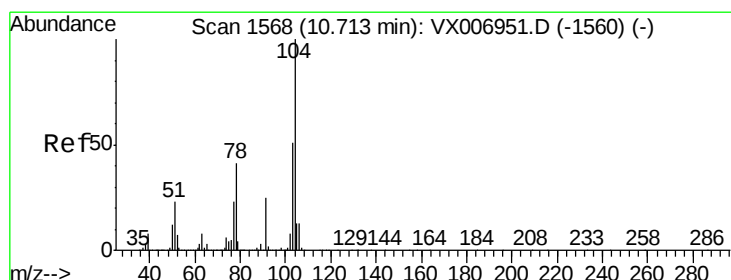
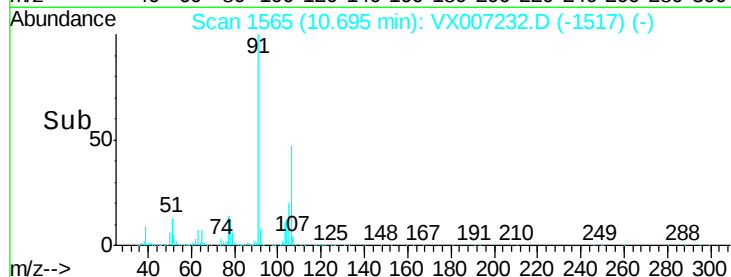
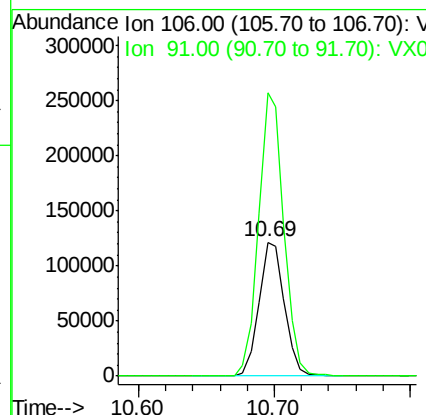
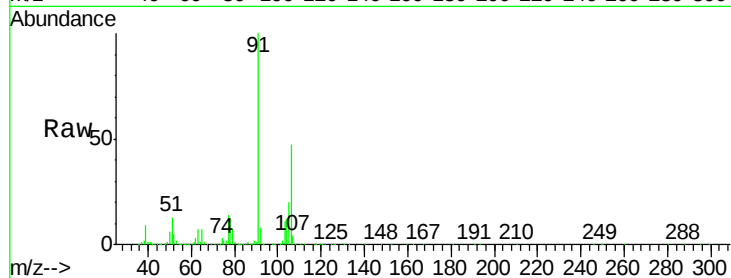
#69
o-Xylene
Concen: 18.143 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.0	101.3	303.7

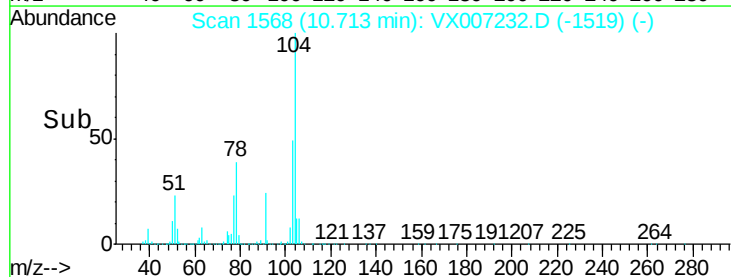
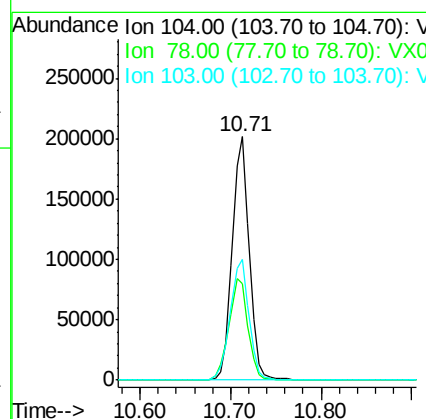
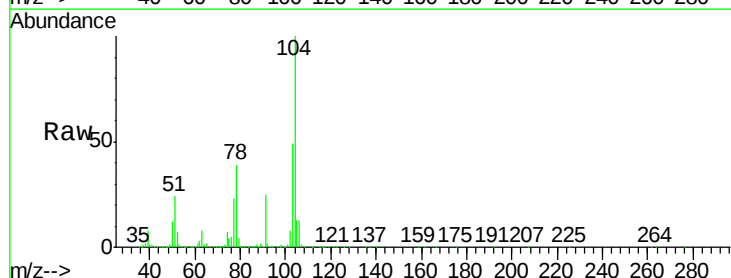
Manual Integrations
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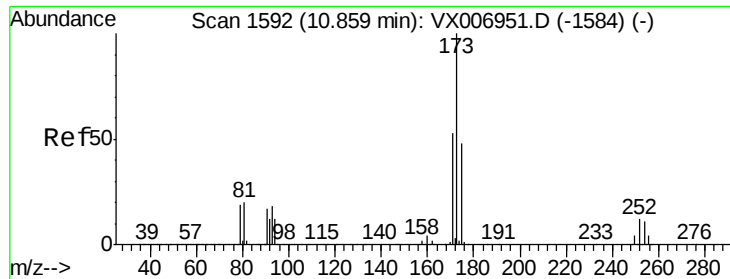
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#70
Styrene
Concen: 18.769 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.7	56.5
103	55.0	43.8	65.8





#71

Bromoform

Concen: 18.885 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion:173 Resp: 65763

Ion Ratio Lower Upper

173 100

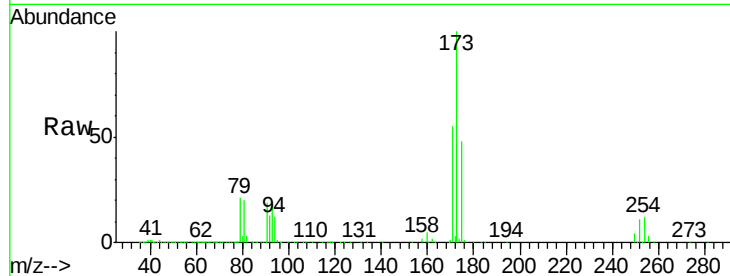
175 49.7 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations
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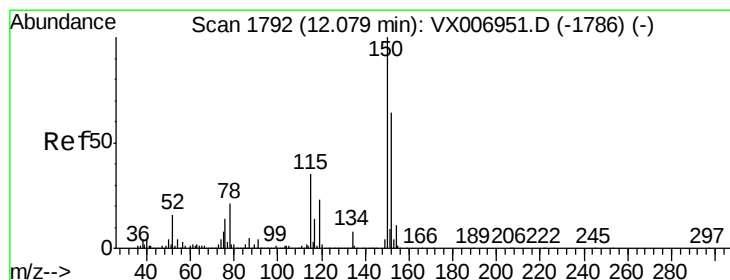
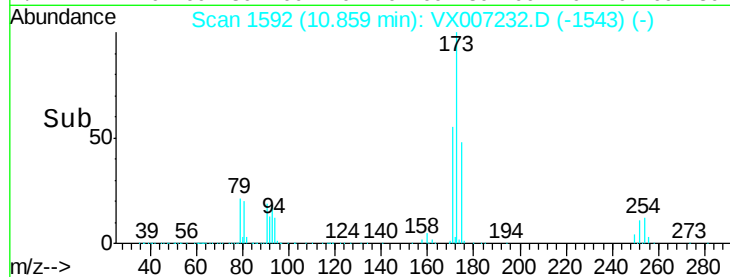
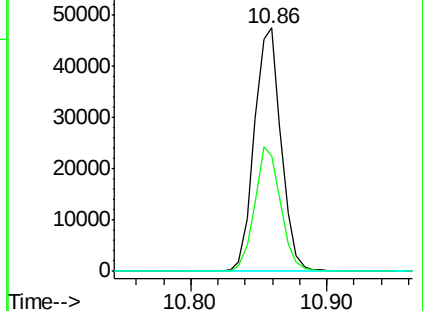
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX007232.D

Acq: 25 Jan 2019 16:42

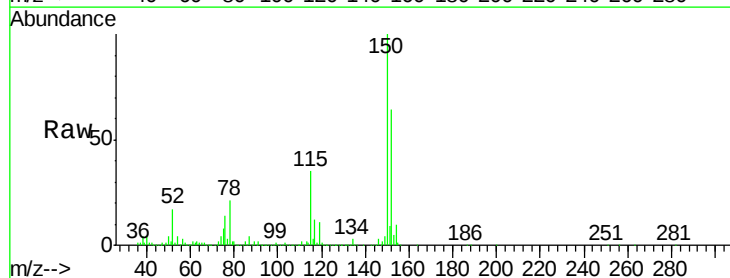
Tgt Ion:152 Resp: 324231

Ion Ratio Lower Upper

152 100

115 64.1 39.1 117.2

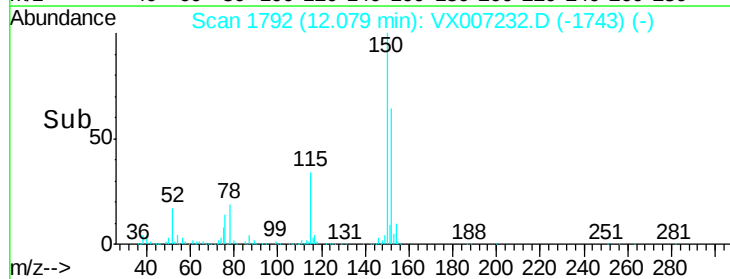
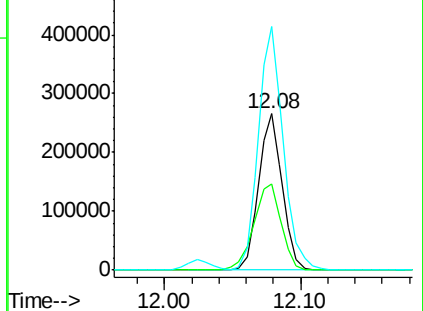
150 164.3 0.0 344.8

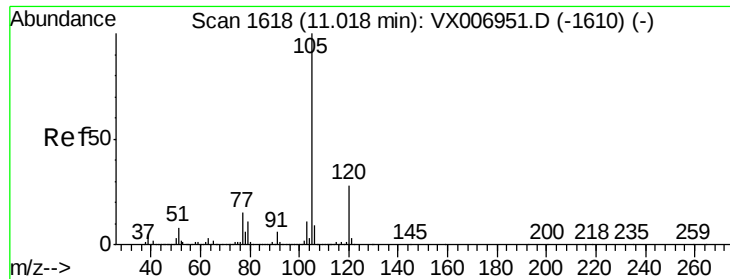


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.863 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion: 105 Resp: 431253

Ion Ratio Lower Upper

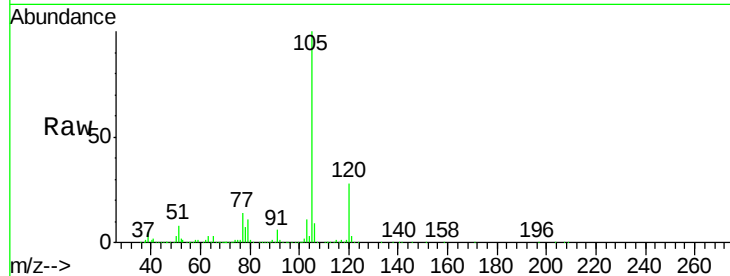
105 100

120 28.0 14.1 42.4

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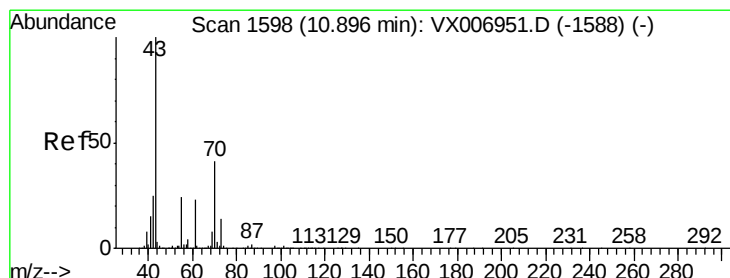
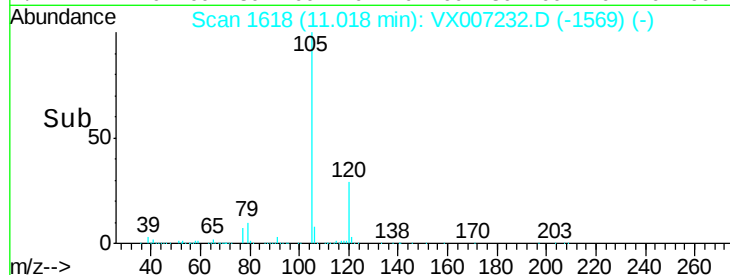
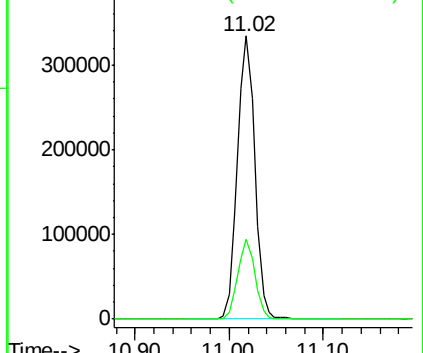
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.162 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion: 43 Resp: 176391

Ion Ratio Lower Upper

43 100

70 41.6 35.8 53.8

55 25.0 19.4 29.0

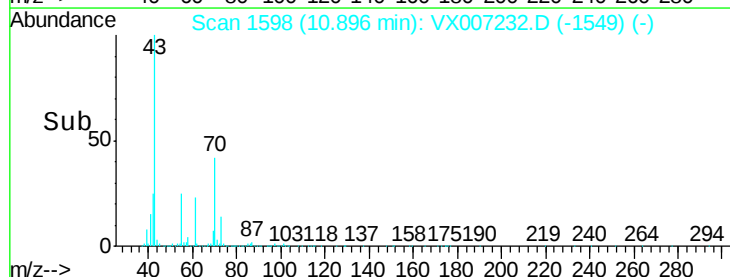
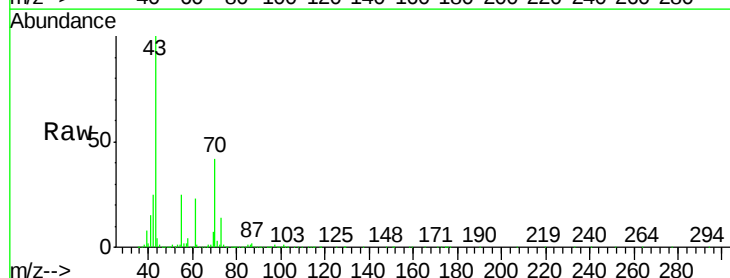
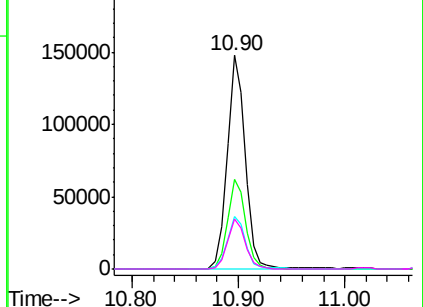
61 23.5 20.1 30.1

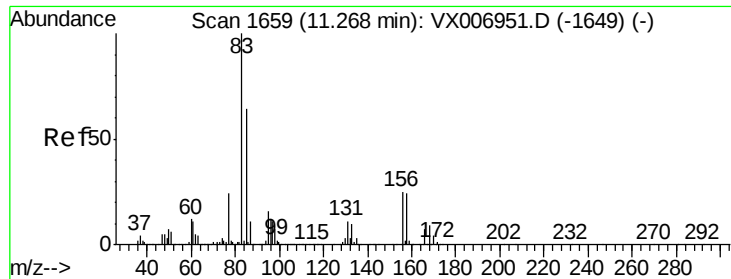
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.989 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampled :

VX0126WBS01

Tot Ion: 83 Resp: 145085

Ion Ratio Lower Upper

83 100

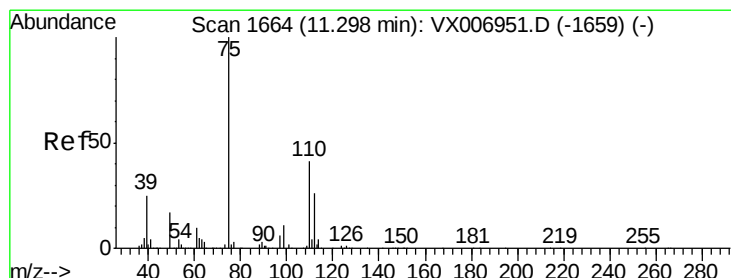
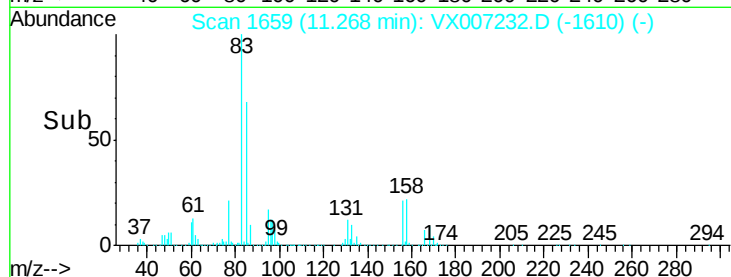
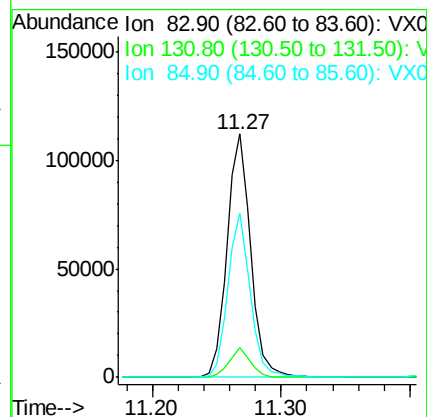
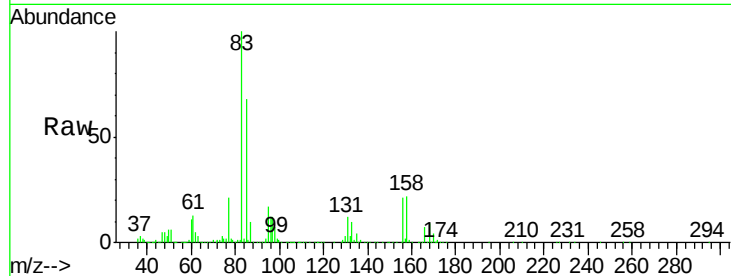
131 11.0 5.7 17.1

85 64.5 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.252 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007232.D

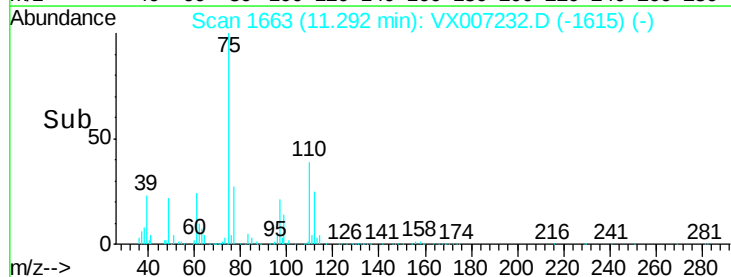
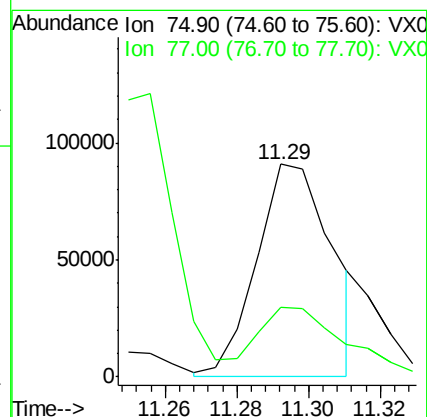
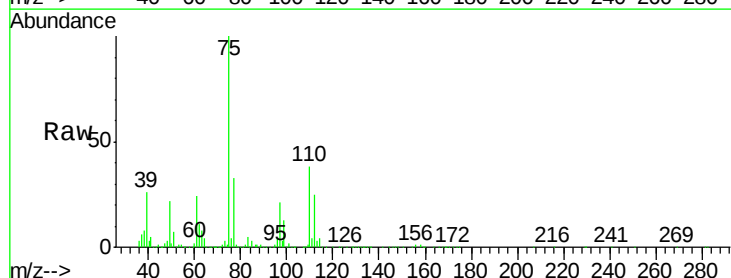
Acq: 25 Jan 2019 16:42

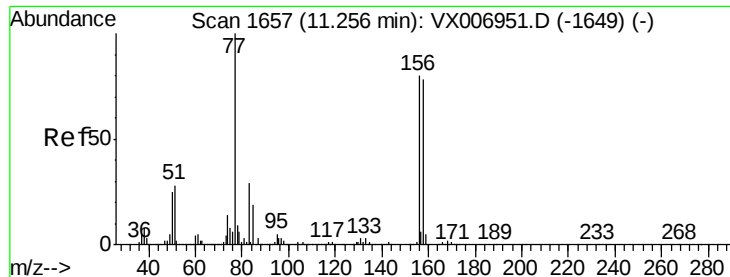
Tgt Ion: 75 Resp: 133061

Ion Ratio Lower Upper

75 100

77 39.3 18.5 55.5





#77

Bromobenzene

Concen: 18.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion:156 Resp: 118625

Ion Ratio Lower Upper

156 100

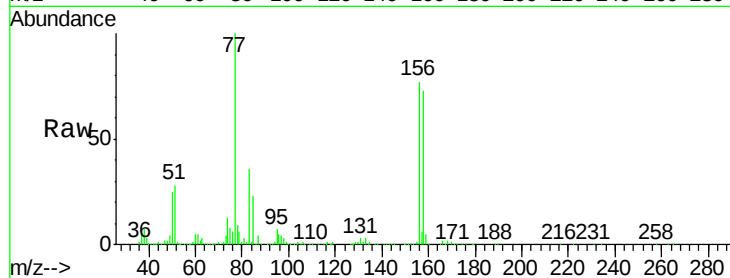
77 135.6 68.0 204.0

158 97.4 48.3 144.8

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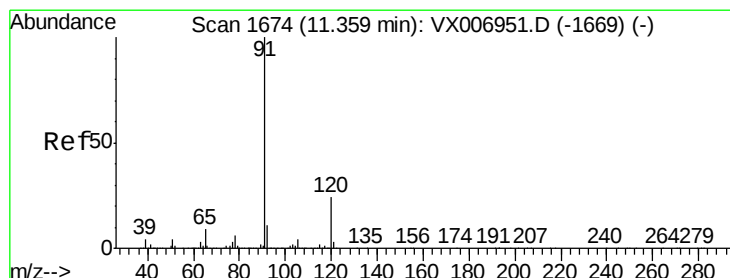
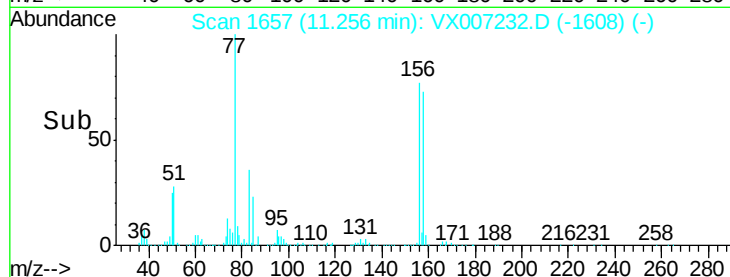
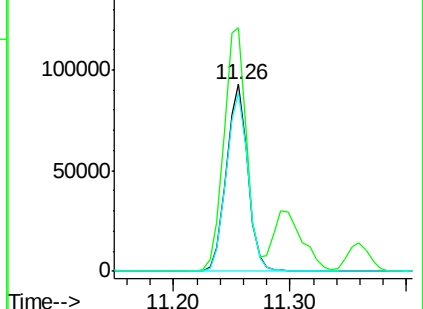
1/28/2019 12:01:41 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.854 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007232.D

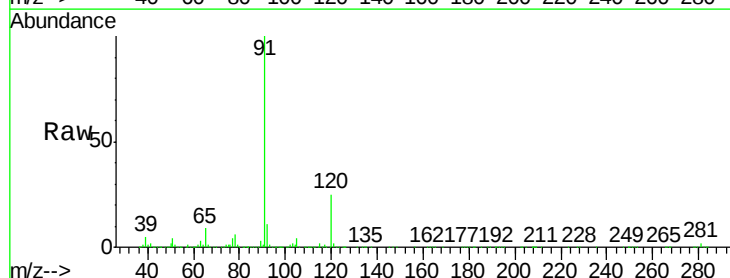
Acq: 25 Jan 2019 16:42

Tgt Ion: 91 Resp: 473198

Ion Ratio Lower Upper

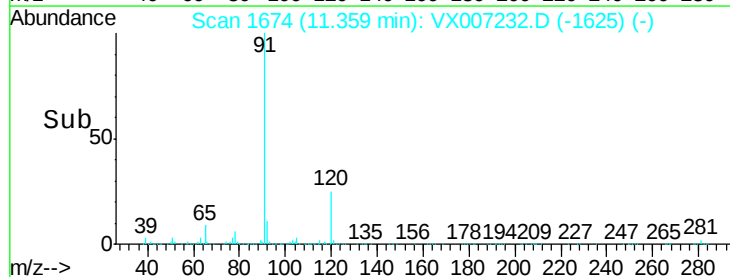
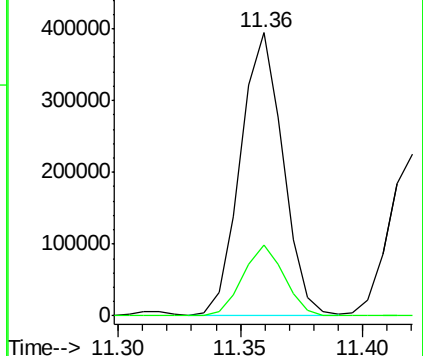
91 100

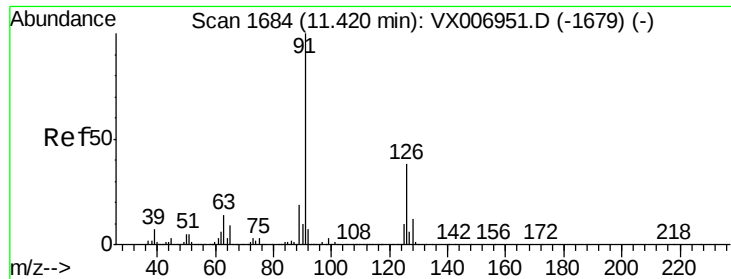
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.827 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampled :

VX0126WBS01

Tot Ion: 91 Resp: 284444

Ion Ratio Lower Upper

91 100

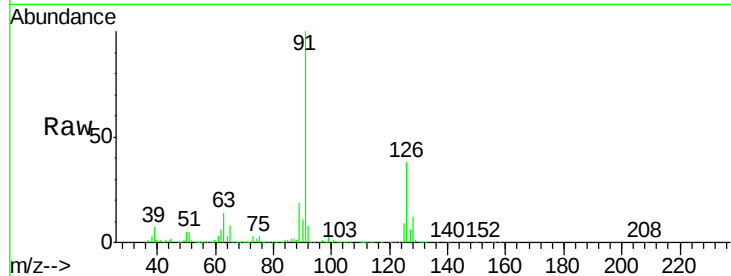
126 37.0 18.6 56.0

Manual Integrations

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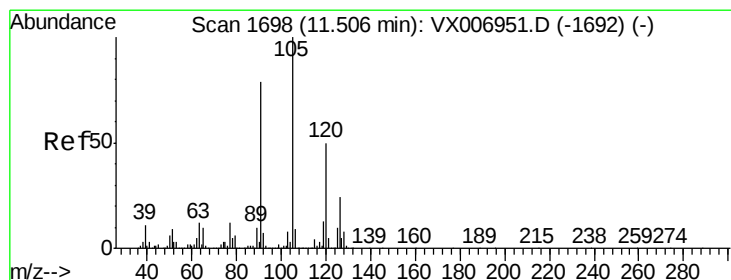
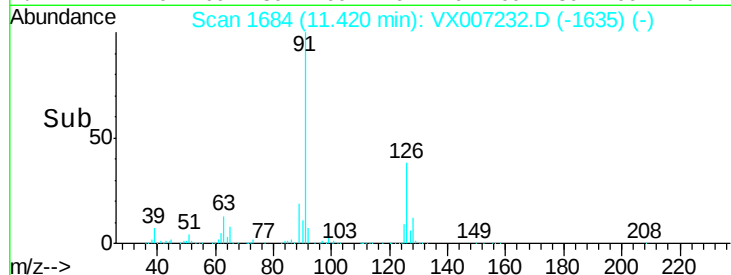
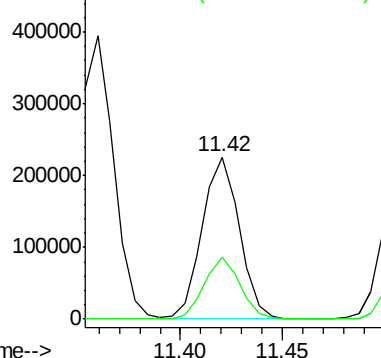
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.584 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007232.D

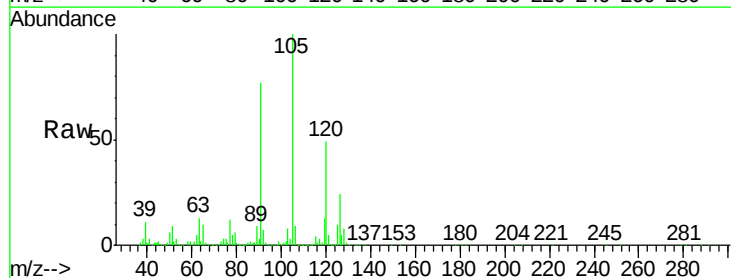
Acq: 25 Jan 2019 16:42

Tgt Ion: 105 Resp: 355021

Ion Ratio Lower Upper

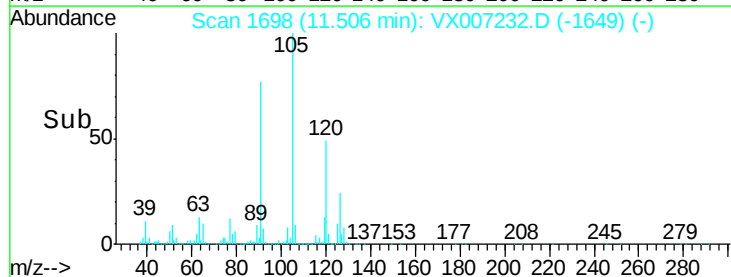
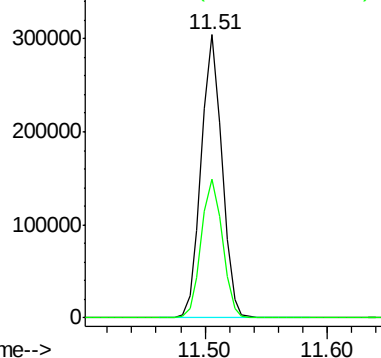
105 100

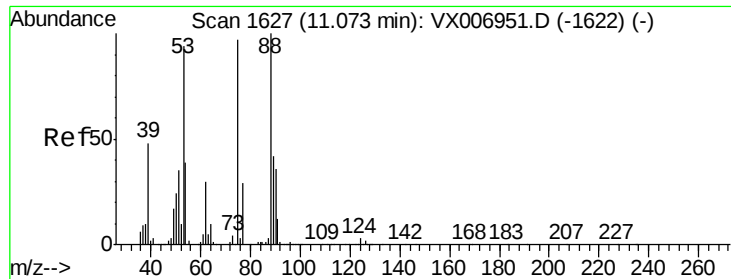
120 50.2 25.1 75.3



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: 17.908 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

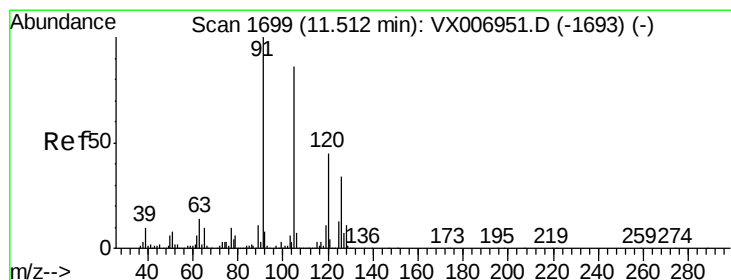
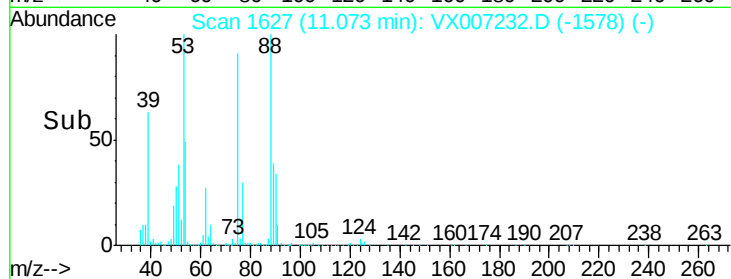
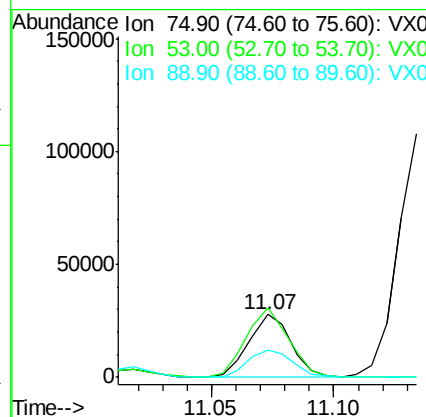
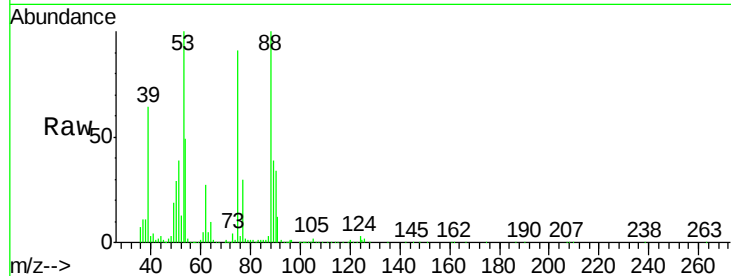
ClientSampleId :

VX0126WBS01

Tot Ion:	75	Resp:	33270
Ion	Ratio	Lower	Upper
75	100		
53	111.8	79.7	119.5
89	47.3	38.0	57.0

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#82

4-Chlorotoluene

Concen: 18.557 ug/l

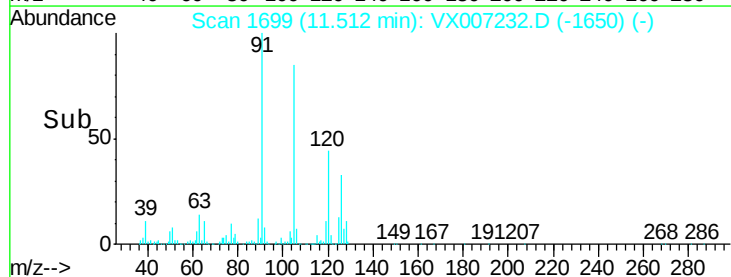
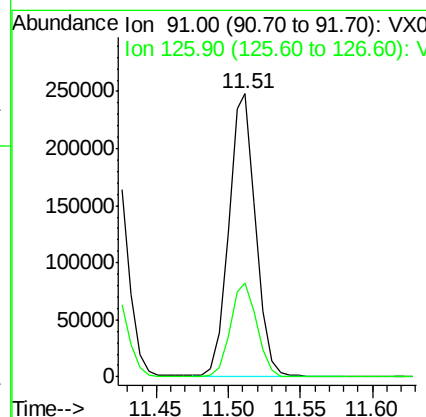
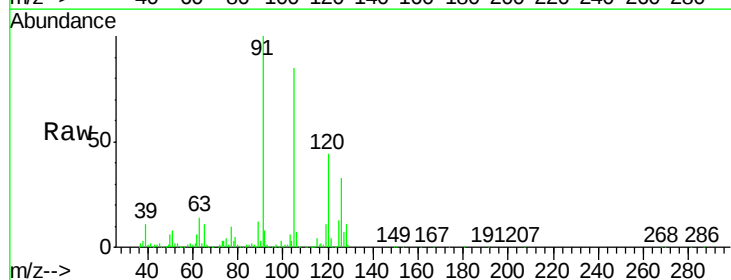
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	91	Resp:	324620
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.003 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

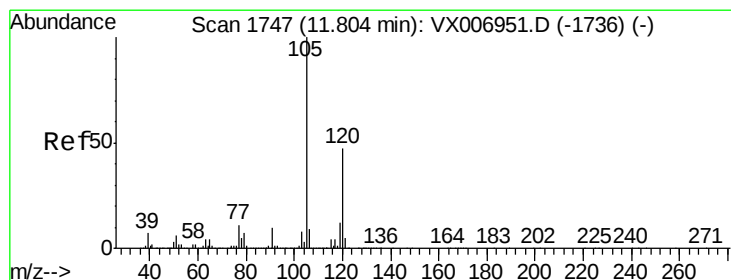
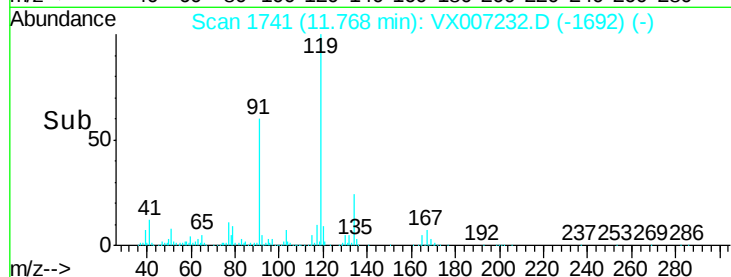
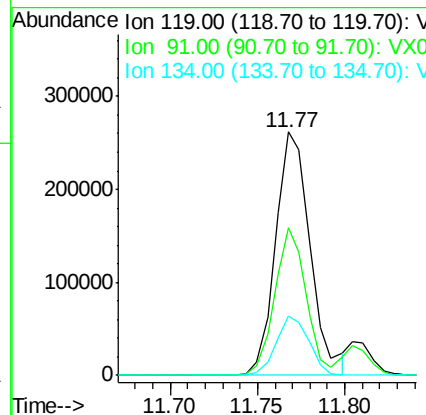
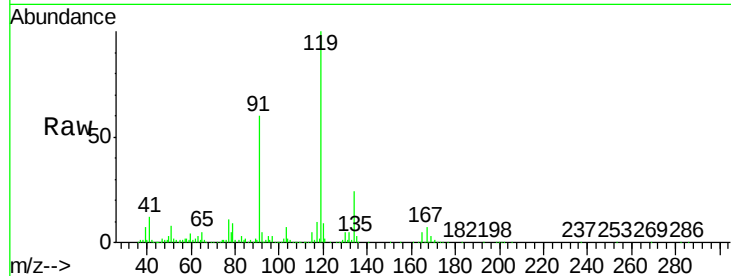
ClientSampleId :

VX0126WBS01

Tot Ion:	119	Resp:	362202
Ion Ratio	Lower	Upper	
119	100		
91	55.1	27.7	83.1
134	23.2	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 18.966 ug/l

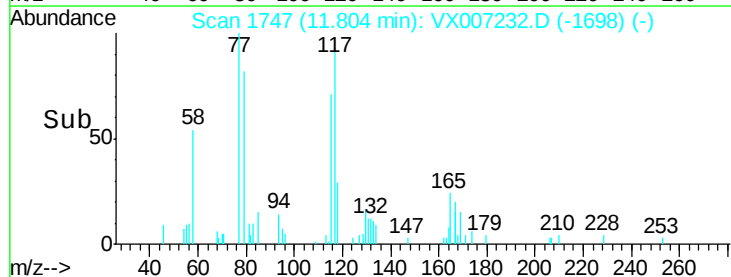
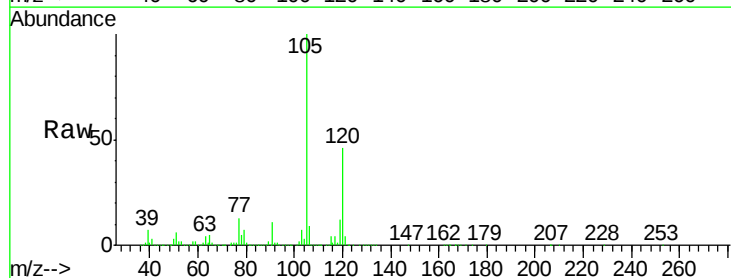
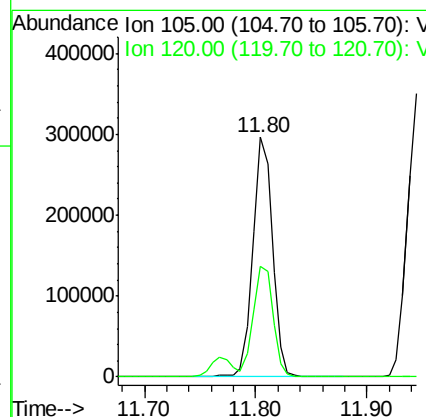
RT: 11.80 min Scan# 1747

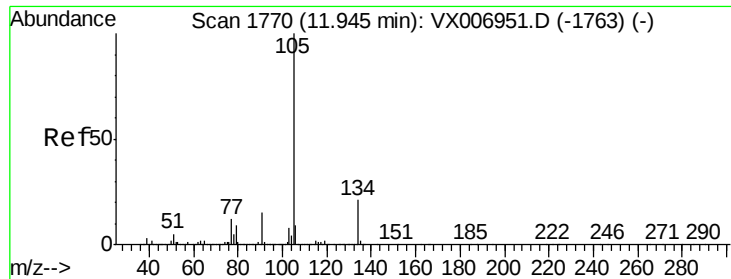
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	105	Resp:	364338
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.814 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

VX0126WBS01

Tot Ion:105 Resp: 428257

Ion Ratio Lower Upper

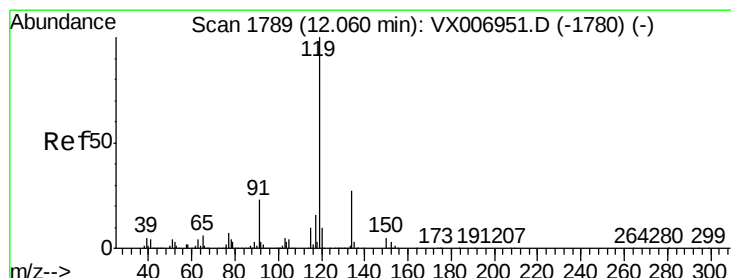
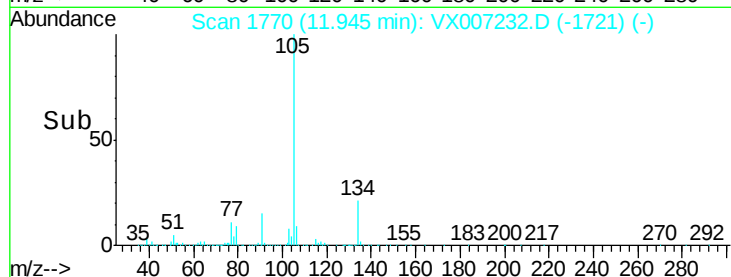
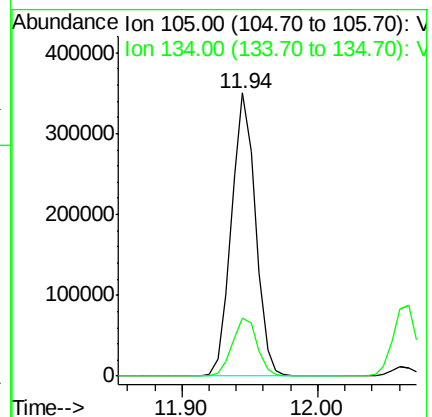
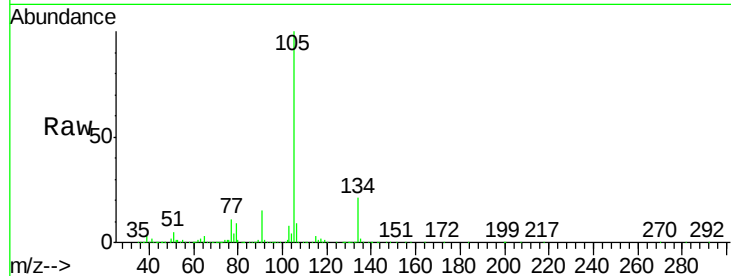
105 100

134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.585 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

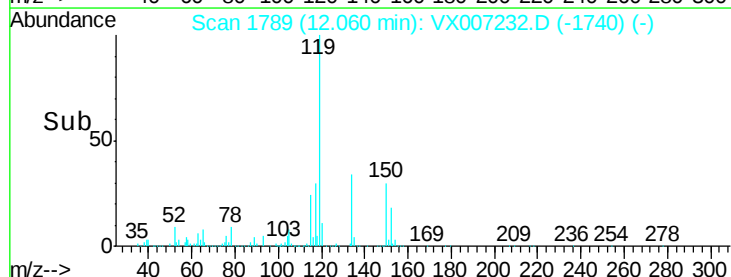
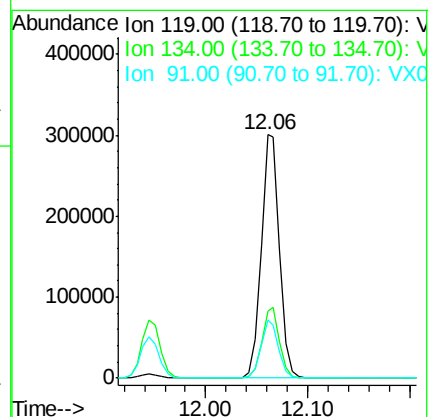
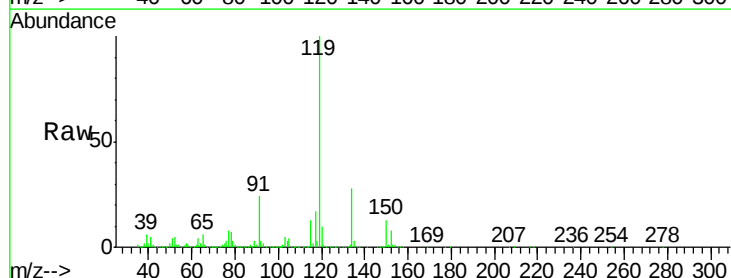
Tgt Ion:119 Resp: 378399

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

91 22.9 11.3 33.9





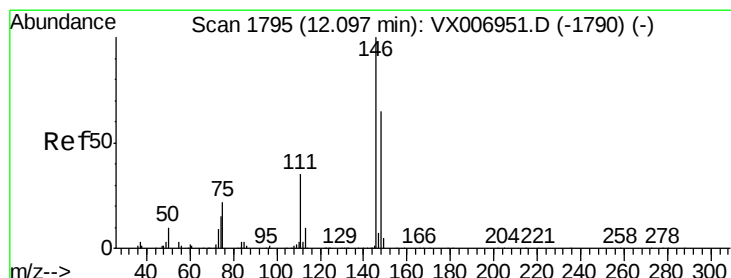
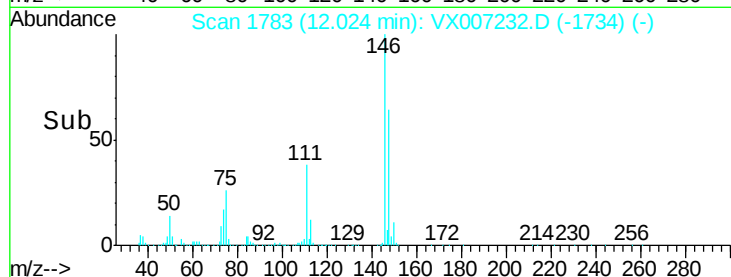
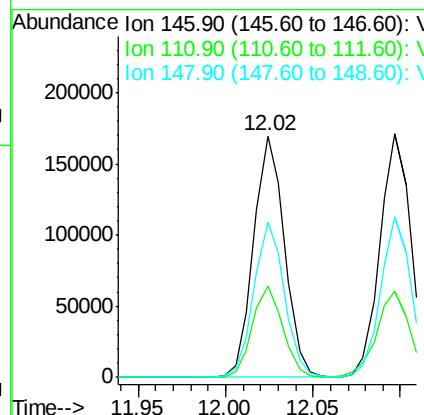
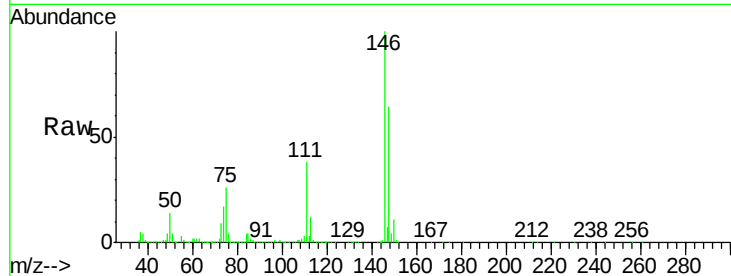
#87
 1,3-Dichlorobenzene
 Concen: 18.300 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.1	31.8	95.3

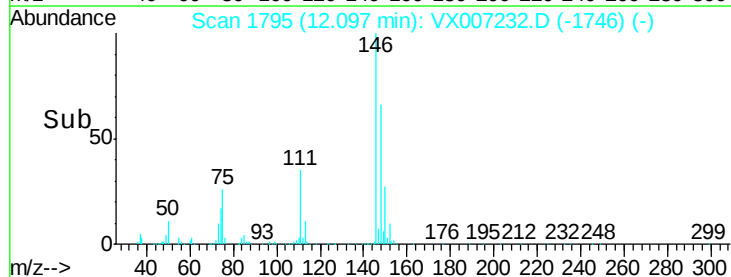
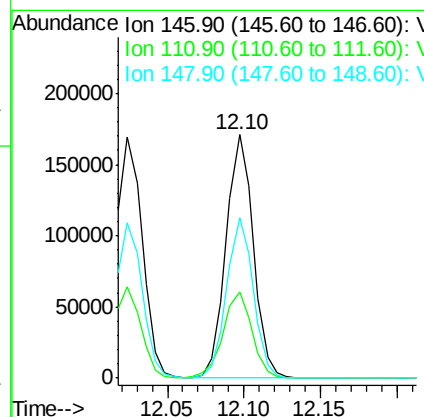
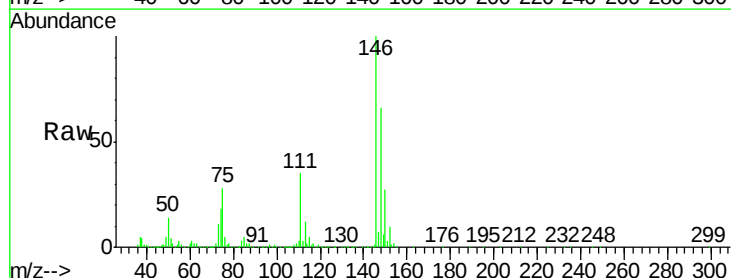
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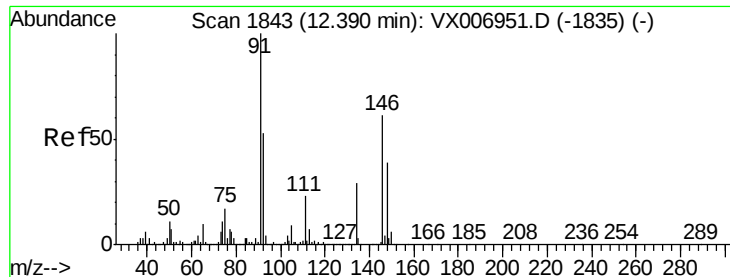
MMDadoda
 1/28/2019 12:01:41 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.730 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.4	31.9	95.9





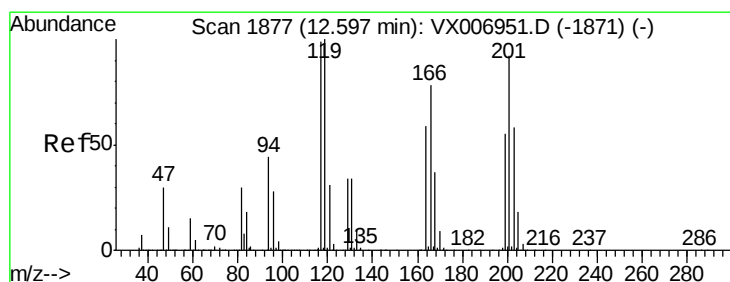
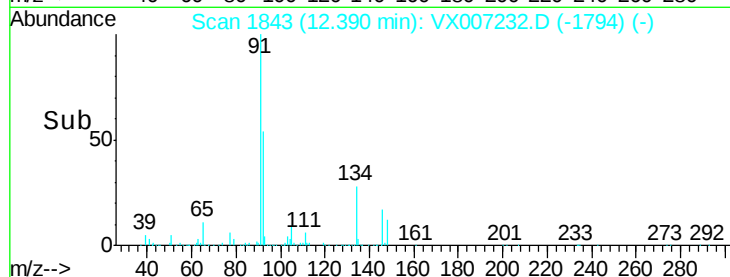
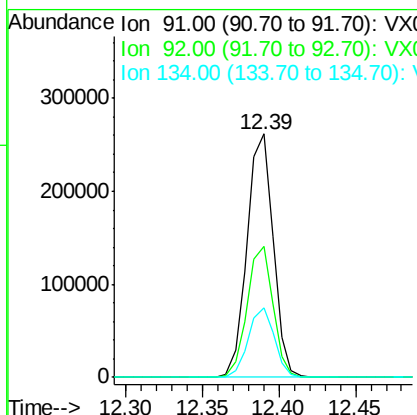
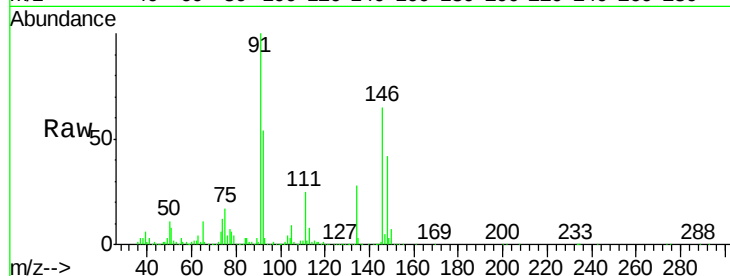
#89
n-Butylbenzene
Concen: 17.967 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.4
134	28.6	14.4	43.2

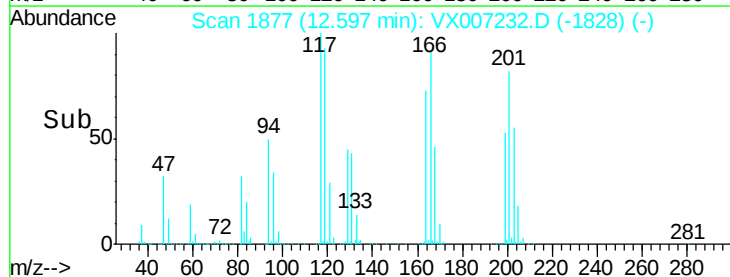
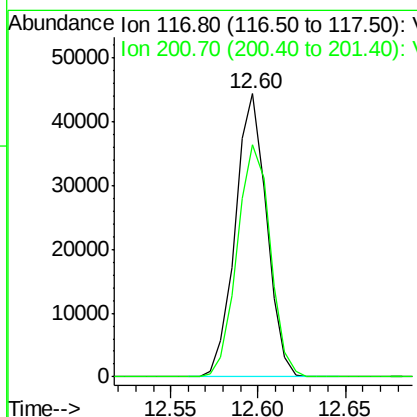
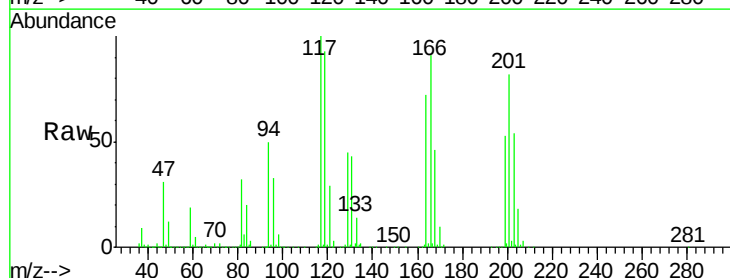
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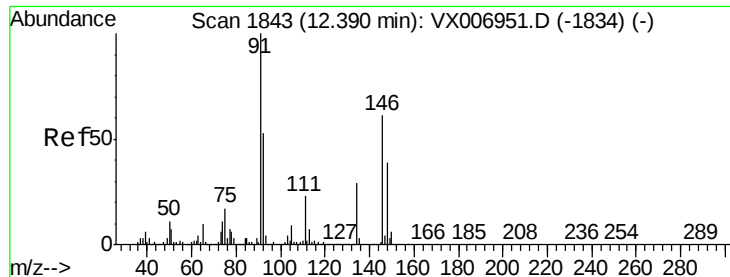
MMDadoda
1/28/2019 12:01:41 PM



#90
Hexachloroethane
Concen: 19.014 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 18.730 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

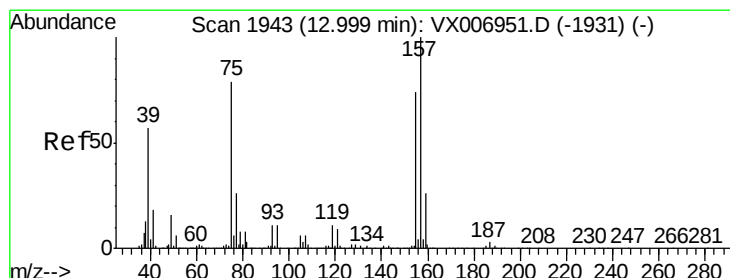
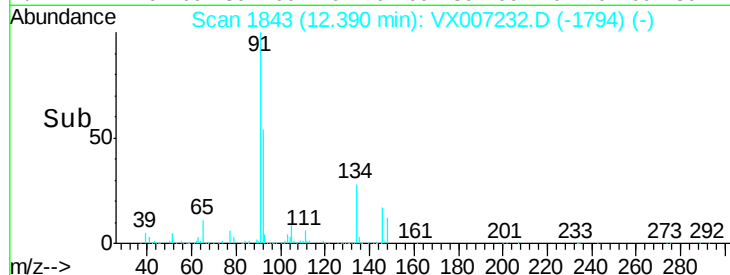
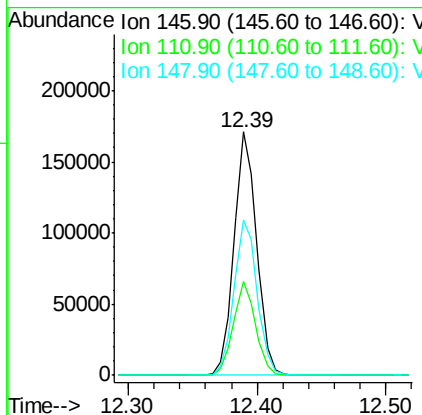
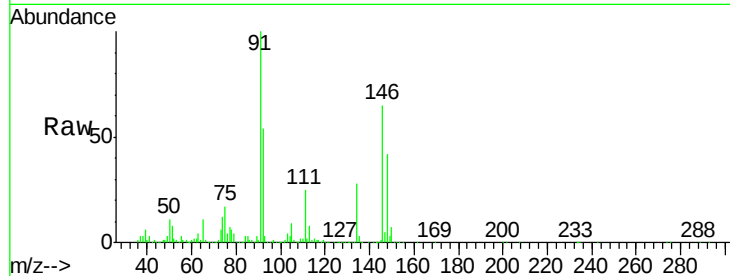
ClientSampleId :

VX0126WBS01

Tot Ion:	146	Resp:	210458
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.4	58.2
148	65.1	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.528 ug/l

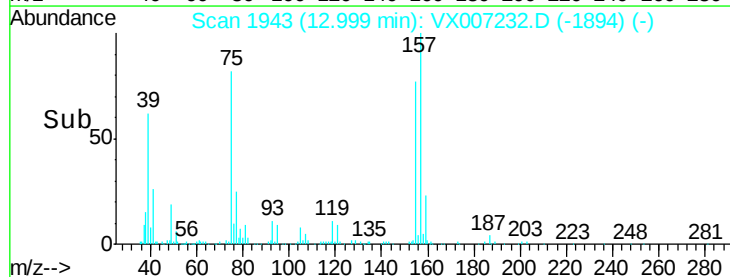
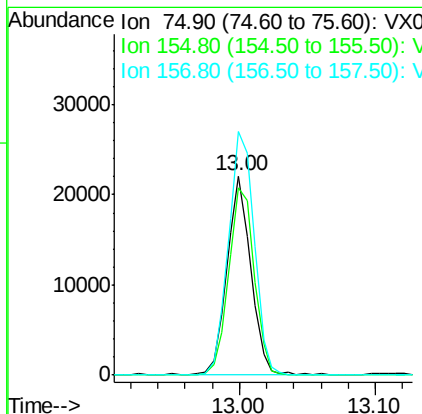
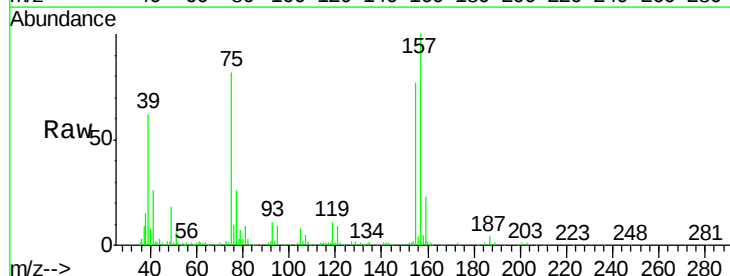
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion:	75	Resp:	26597
Ion Ratio	Lower	Upper	
75	100		
155	101.8	50.6	151.8
157	133.7	64.6	193.8





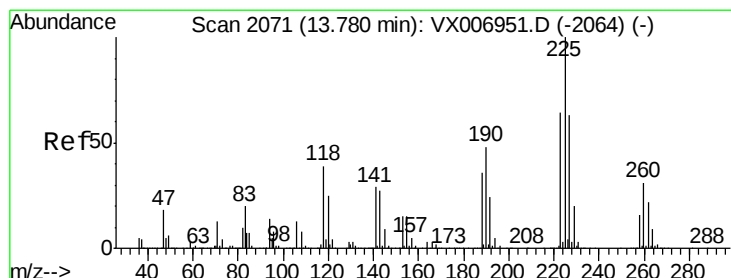
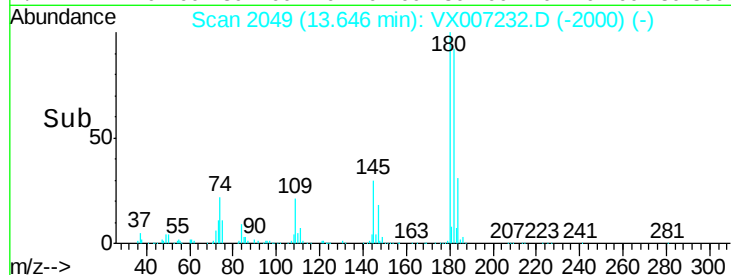
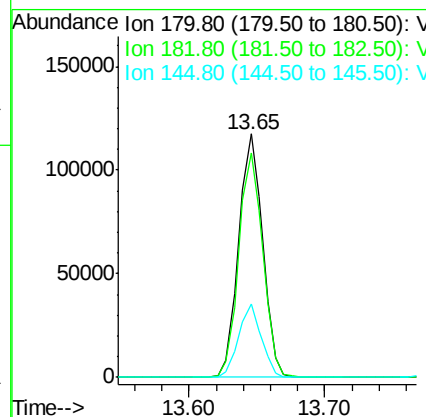
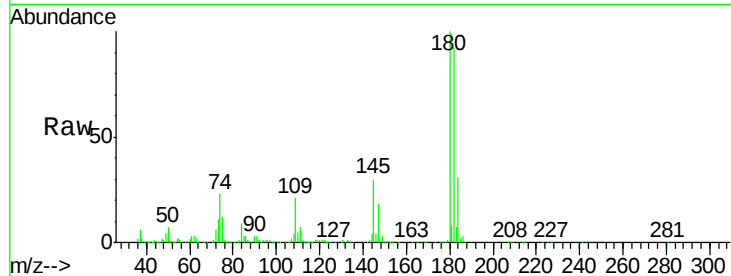
#93
 1,2,4-Trichlorobenzene
 Concen: 18.701 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144171		
182	92.4	47.3	142.0	
145	28.9	14.8	44.3	

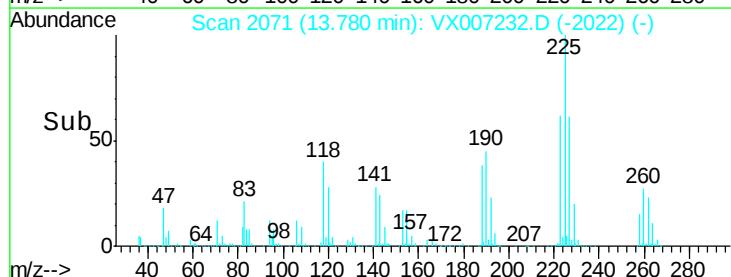
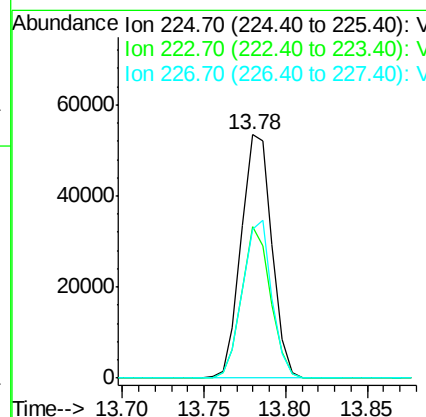
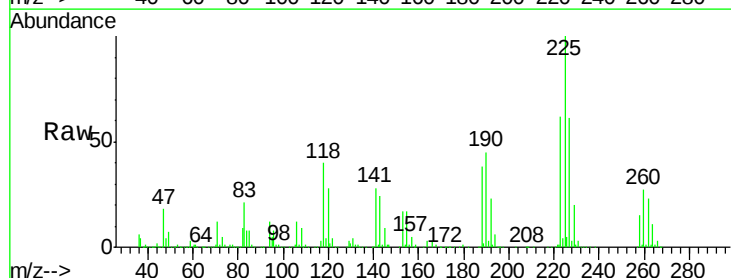
Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:41 PM



#94
 Hexachlorobutadiene
 Concen: 20.486 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70083		
223	58.6	32.1	96.3	
227	61.9	32.3	96.8	





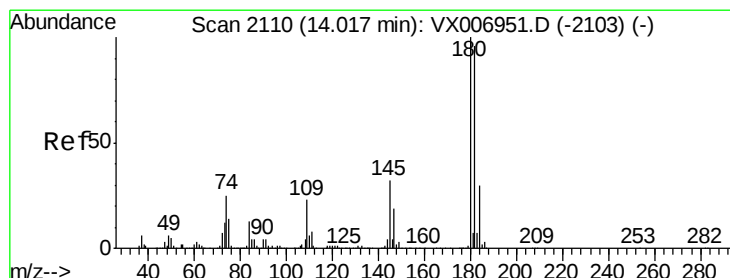
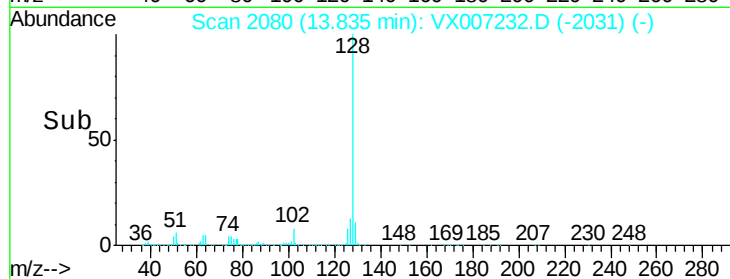
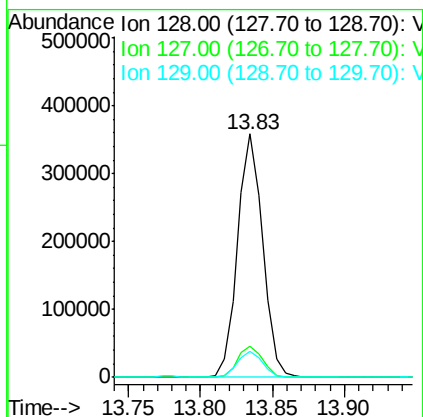
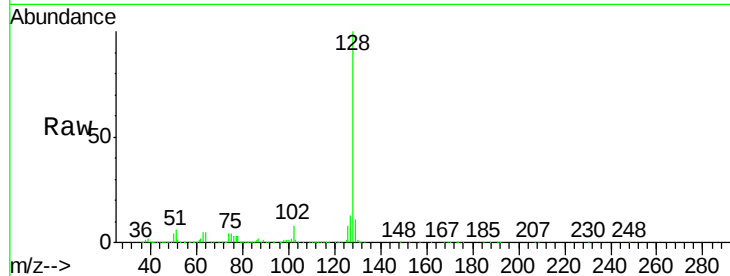
#95
Naphthalene
Concen: 18.648 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
VX0126WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:01:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.798 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.5
145	30.1	16.0	47.9

