

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007741.D
 Acq On : 27 Feb 2019 18:31
 Operator : JC/SP
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:54 PM

Quant Time: Feb 28 04:41:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174053	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.50	113	139253	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	530625	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
62) 4-Bromofluorobenzene	11.13	95	186093	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48841	17.977	ug/l	98
3) Chloromethane	1.33	50	54505	18.104	ug/l	99
4) Vinyl Chloride	1.41	62	57323	18.559	ug/l	100
5) Bromomethane	1.64	94	33760	16.304	ug/l	97
6) Chloroethane	1.72	64	37097	18.799	ug/l	98
7) Trichlorofluoromethane	1.93	101	81104	17.128	ug/l	100
8) Diethyl Ether	2.19	74	34996	18.009	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48364	16.899	ug/l	97
10) Methyl Iodide	2.51	142	64750	18.170	ug/l	100
11) Tert butyl alcohol	3.07	59	66488	95.924	ug/l	97
12) 1,1-Dichloroethene	2.38	96	45431	17.611	ug/l	92
13) Acrolein	2.30	56	52725	85.603	ug/l	100
14) Allyl chloride	2.73	41	94021	19.711	ug/l	94
15) Acrylonitrile	3.15	53	164928	101.111	ug/l	99
16) Acetone	2.45	43	153583	94.538	ug/l	97
17) Carbon Disulfide	2.57	76	114277	15.922	ug/l	100
18) Methyl Acetate	2.78	43	76806	21.666	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	168253	18.729	ug/l	98
20) Methylene Chloride	2.86	84	52642	17.549	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	48913	17.441	ug/l	91
22) Diisopropyl ether	3.87	45	195899	19.728	ug/l	96
23) Vinyl Acetate	3.82	43	842943	96.757	ug/l	96
24) 1,1-Dichloroethane	3.70	63	101991	18.899	ug/l	99
25) 2-Butanone	4.70	43	252215	101.920	ug/l	94
26) 2,2-Dichloropropane	4.59	77	69179	16.059	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61601	17.262	ug/l	91
28) Bromochloromethane	5.02	49	57306	21.812	ug/l	84
29) Tetrahydrofuran	5.15	42	165765	101.621	ug/l	92
30) Chloroform	5.21	83	103454	17.896	ug/l	96
31) Cyclohexane	5.57	56	91194	17.965	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	84087	17.589	ug/l	97
36) 1,1-Dichloropropene	5.80	75	74806	19.057	ug/l	97
37) Ethyl Acetate	4.85	43	93066	21.343	ug/l	99
38) Carbon Tetrachloride	5.78	117	71172	18.049	ug/l	99

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Manual Integrations
 APPROVED

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 2/28/2019 12:22:54 PM

Quant Time: Feb 28 04:41:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88014	17.740	ug/l	93
40) Benzene	6.14	78	234448	19.348	ug/l	99
41) Methacrylonitrile	5.06	41	52444	22.523	ug/l	96
42) 1,2-Dichloroethane	6.20	62	84922	20.851	ug/l	99
43) Isopropyl Acetate	6.46	43	140520	20.938	ug/l	97
44) Trichloroethene	7.21	130	63124	18.937	ug/l	97
45) 1,2-Dichloropropane	7.52	63	62551	19.927	ug/l	99
46) Dibromomethane	7.67	93	39266	17.931	ug/l	99
47) Bromodichloromethane	7.90	83	69611	18.343	ug/l	99
48) Methyl methacrylate	7.77	41	75654	21.506	ug/l	91
49) 1,4-Dioxane	7.75	88	29774	391.868	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	475366	105.819	ug/l	99
52) Toluene	8.78	92	143906	18.833	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74678	17.744	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84997	18.456	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	60716	19.055	ug/l	98
56) Ethyl methacrylate	9.18	69	89111	19.666	ug/l	95
57) 1,3-Dichloropropane	9.37	76	100045	19.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	260640	104.306	ug/l	97
59) 2-Hexanone	9.49	43	362560	102.800	ug/l	98
60) Dibromochloromethane	9.58	129	55933	18.243	ug/l	100
61) 1,2-Dibromoethane	9.67	107	62747	18.966	ug/l	100
64) Tetrachloroethene	9.34	164	65052	20.630	ug/l	96
65) Chlorobenzene	10.13	112	158689	18.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56026	19.119	ug/l	99
67) Ethyl Benzene	10.25	91	264300	18.992	ug/l	99
68) m/p-Xylenes	10.36	106	202762	37.451	ug/l	95
69) o-Xylene	10.69	106	98409	18.897	ug/l	95
70) Styrene	10.71	104	162651	19.002	ug/l	98
71) Bromoform	10.85	173	41131	18.717	ug/l #	98
73) Isopropylbenzene	11.02	105	263473	18.679	ug/l	100
74) N-amyl acetate	10.90	43	119718	19.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	88925	18.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	76385m	18.158	ug/l	
77) Bromobenzene	11.26	156	70936	20.050	ug/l	93
78) n-propylbenzene	11.36	91	293326	18.403	ug/l	98
79) 2-Chlorotoluene	11.42	91	178308	18.579	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	219486	18.917	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22756	16.633	ug/l	89
82) 4-Chlorotoluene	11.51	91	203186	18.098	ug/l	97
83) tert-Butylbenzene	11.77	119	210474	18.894	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	224563	18.922	ug/l	98
85) sec-Butylbenzene	11.94	105	257439	18.442	ug/l	99
86) p-Isopropyltoluene	12.06	119	229395	18.764	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	122810	18.714	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	124552	18.532	ug/l	99
89) n-Butylbenzene	12.38	91	190125	17.438	ug/l	99
90) Hexachloroethane	12.60	117	34296	16.650	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	125277	19.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18293	17.209	ug/l	93

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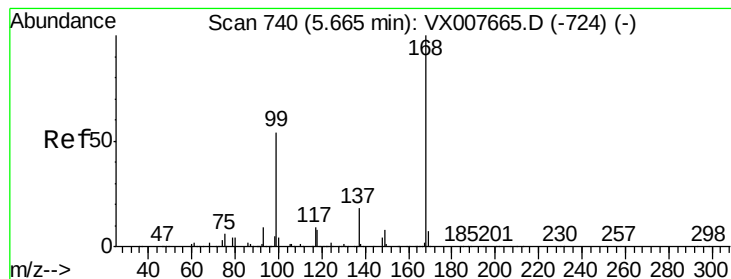
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82353	20.547	ug/l	98
94) Hexachlorobutadiene	13.78	225	46102	25.143	ug/l	98
95) Naphthalene	13.83	128	252480	19.443	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85010	21.123	ug/l	99

(#) = 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: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion:168 Resp: 294923

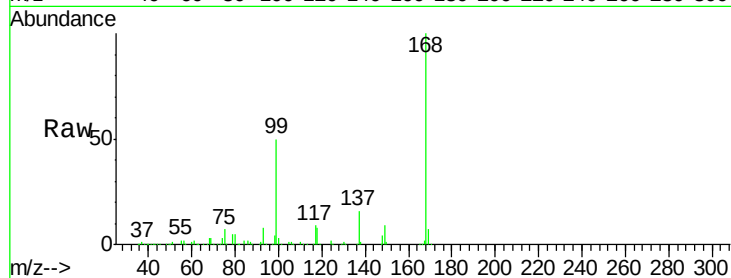
Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9

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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

120000

100000

80000

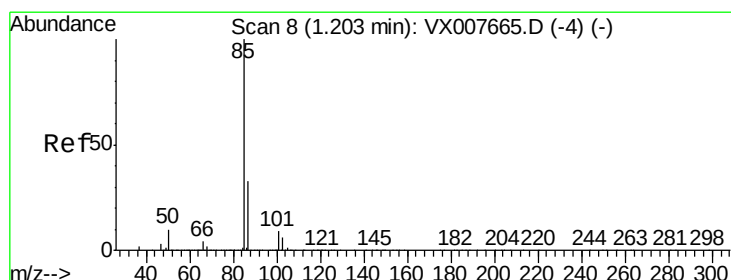
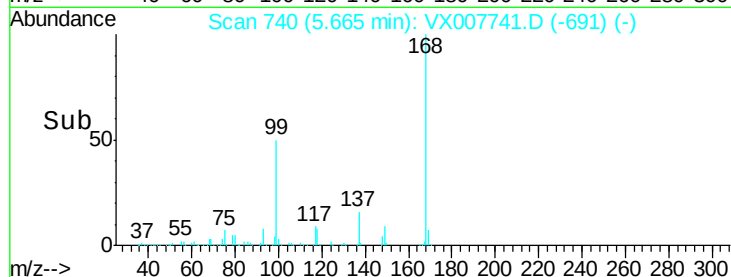
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.977 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007741.D

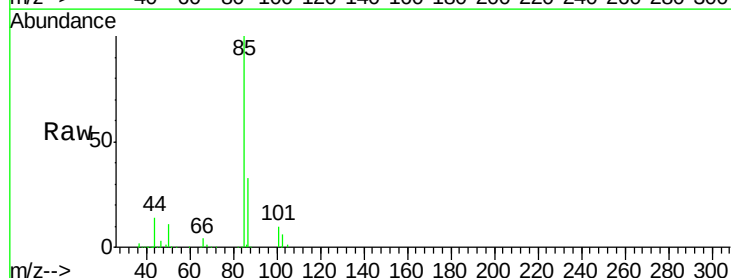
Acq: 27 Feb 2019 18:31

Tgt Ion: 85 Resp: 48841

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

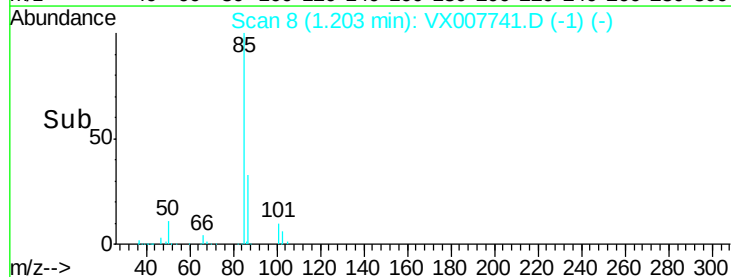
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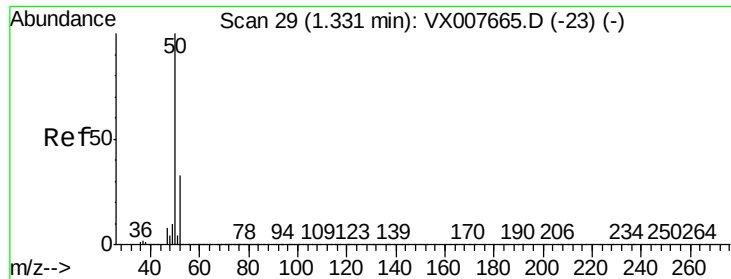
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.104 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion: 50 Resp: 54505

Ion Ratio Lower Upper

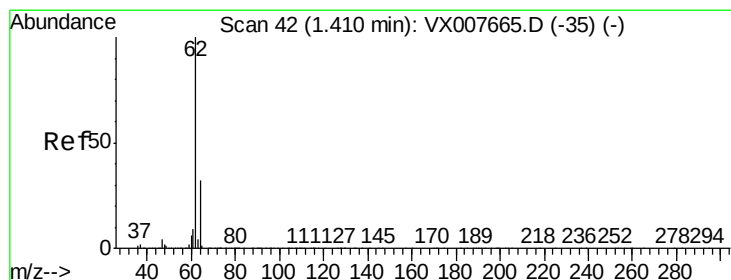
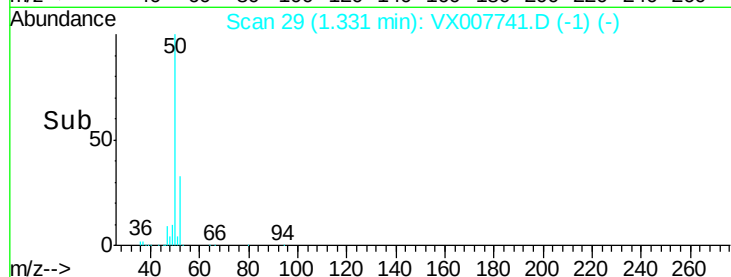
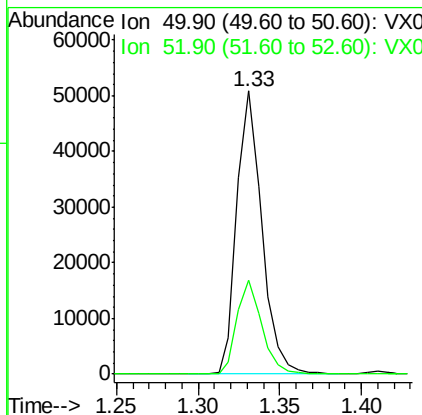
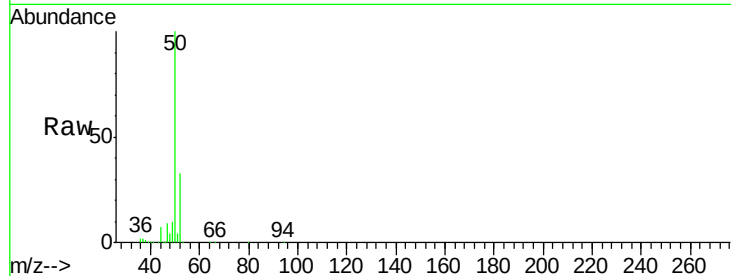
50 100

52 33.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.559 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007741.D

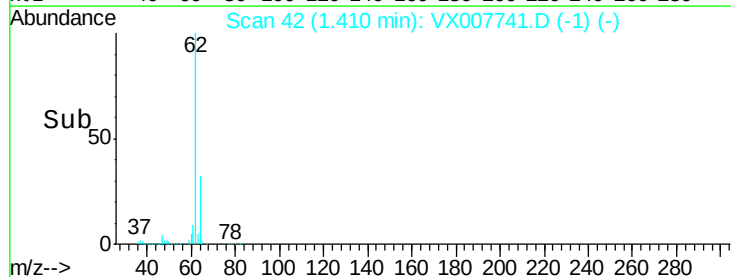
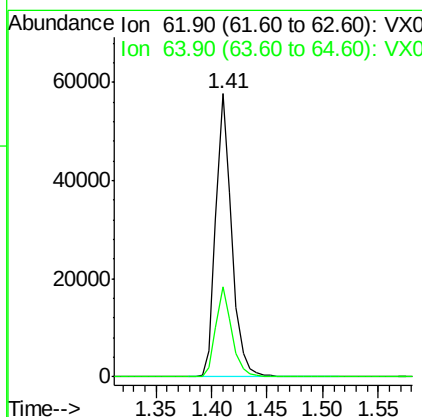
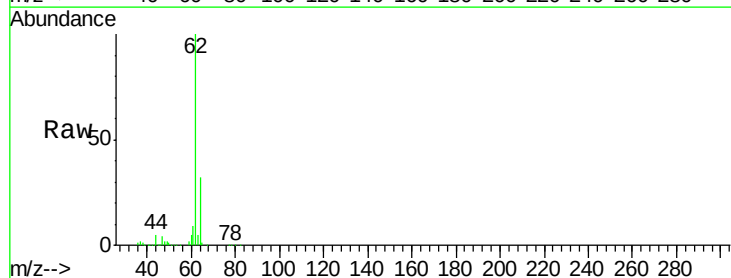
Acq: 27 Feb 2019 18:31

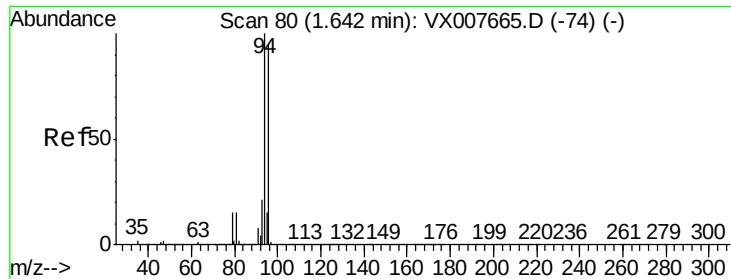
Tgt Ion: 62 Resp: 57323

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 16.304 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion: 94 Resp: 33760

Ion Ratio Lower Upper

94 100

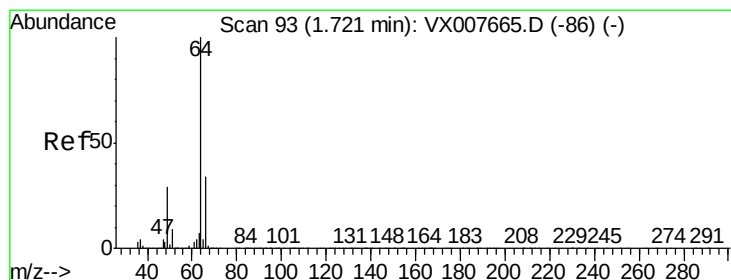
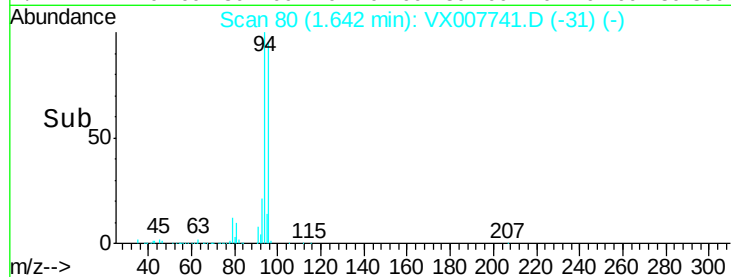
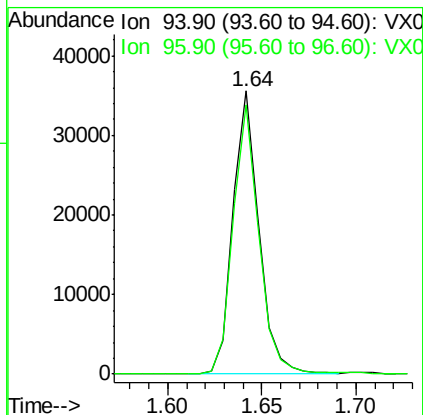
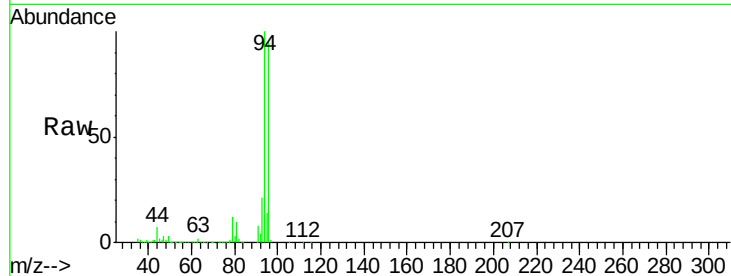
96 95.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.799 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007741.D

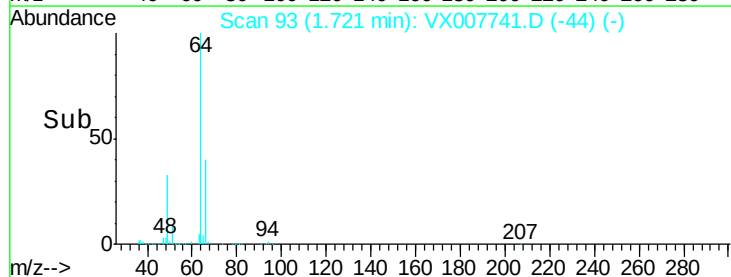
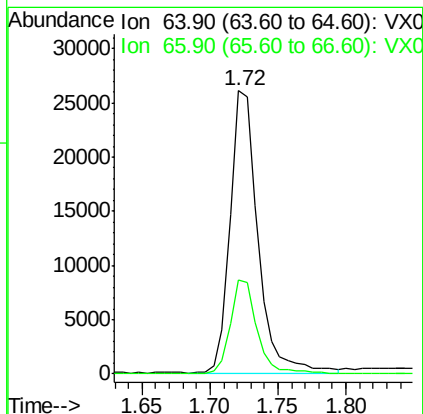
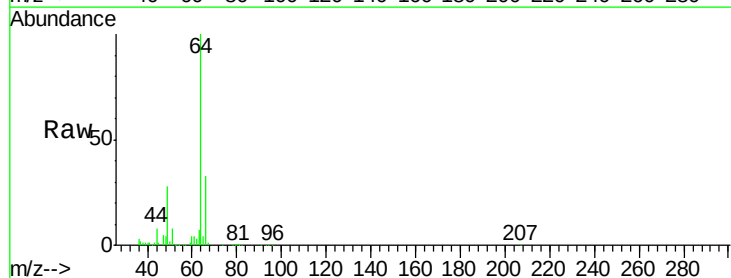
Acq: 27 Feb 2019 18:31

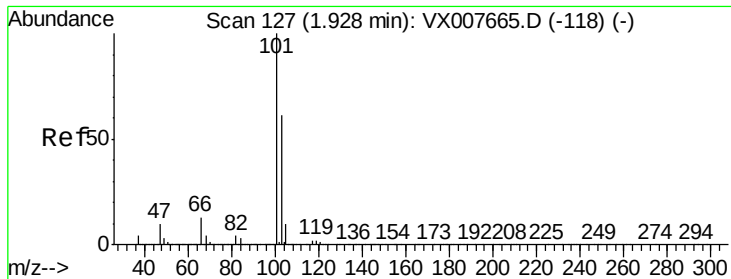
Tgt Ion: 64 Resp: 37097

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3





#7

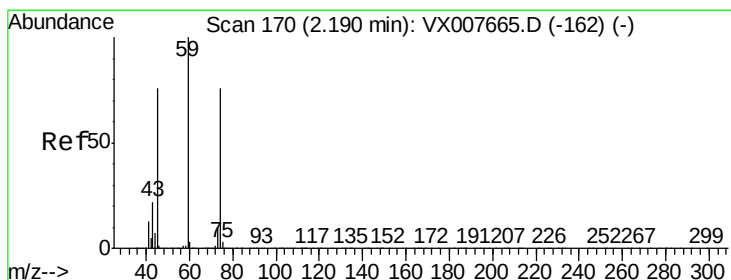
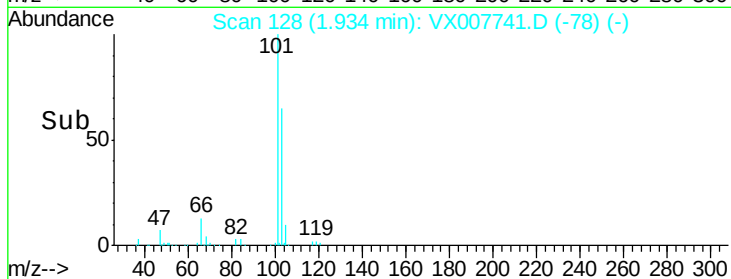
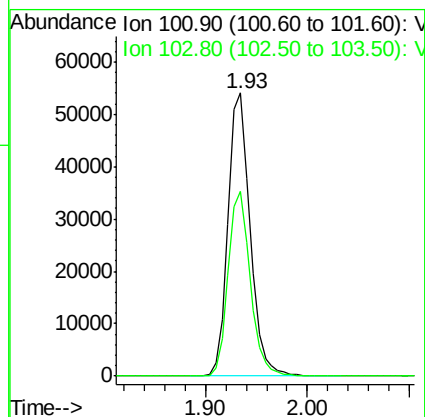
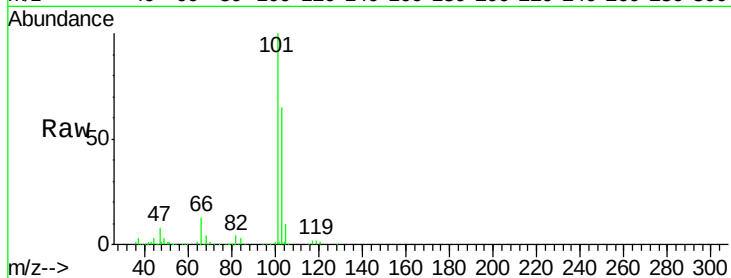
Trichlorofluoromethane
Concen: 17.128 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
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ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	79.0

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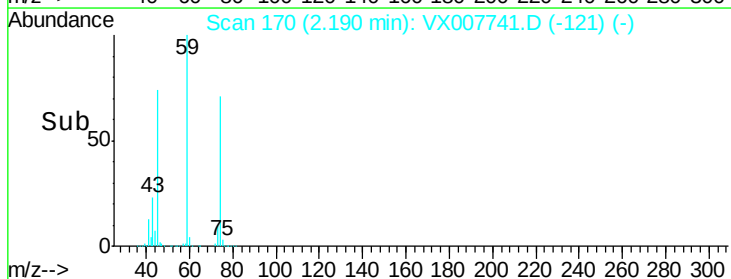
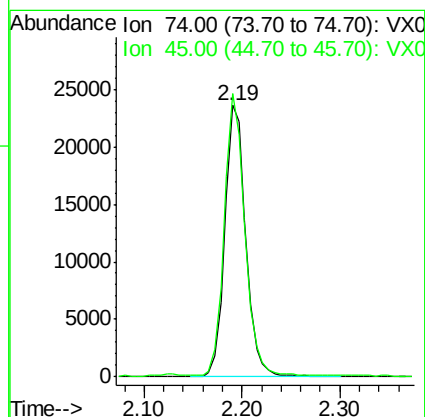
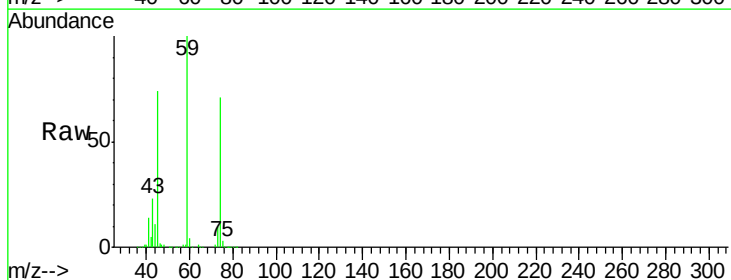
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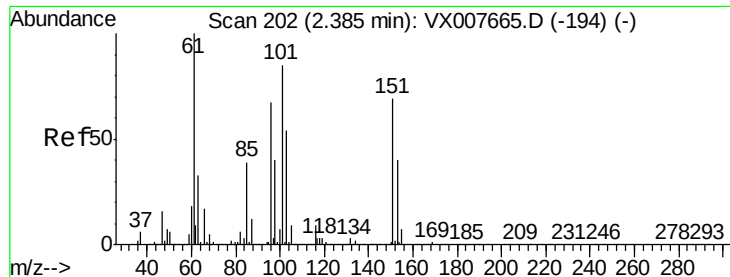


#8

Diethyl Ether
Concen: 18.009 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.899 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

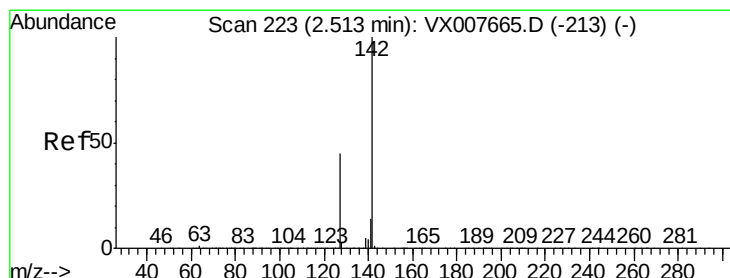
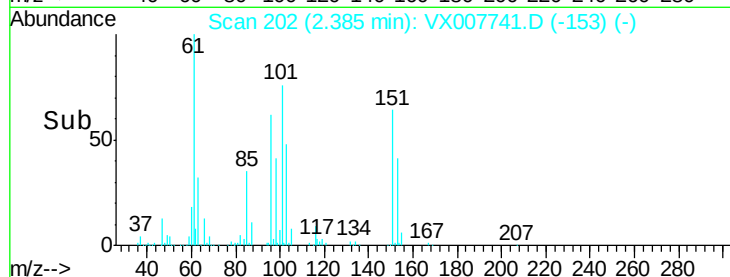
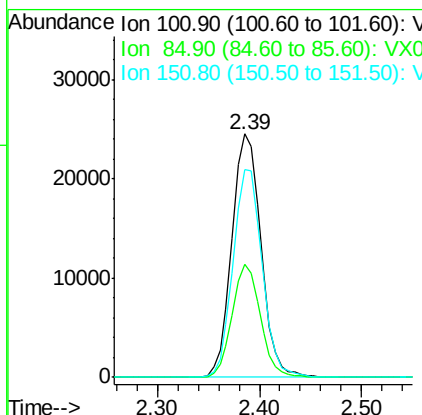
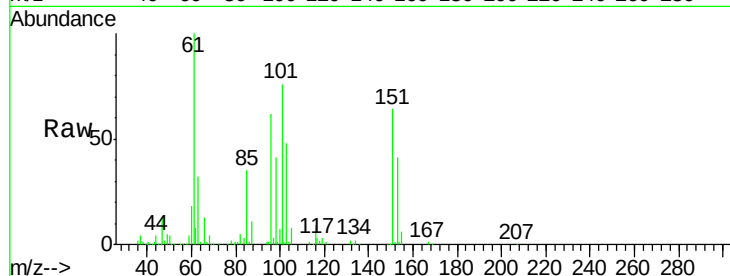
ClientSampleId :

VX0227WBSD01

Tot Ion:	101	Resp:	48364
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.1	51.1
151	85.7	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.170 ug/l

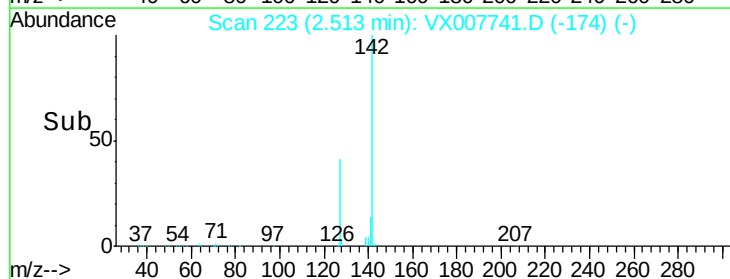
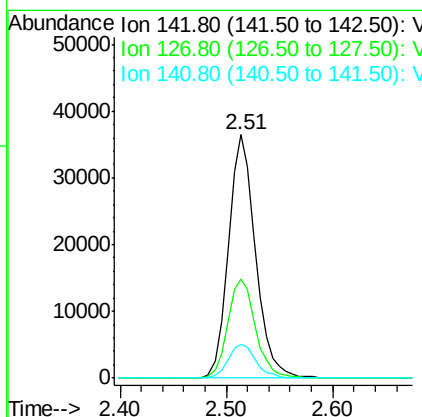
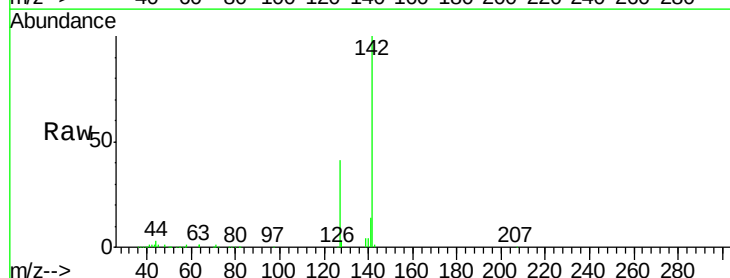
RT: 2.51 min Scan# 223

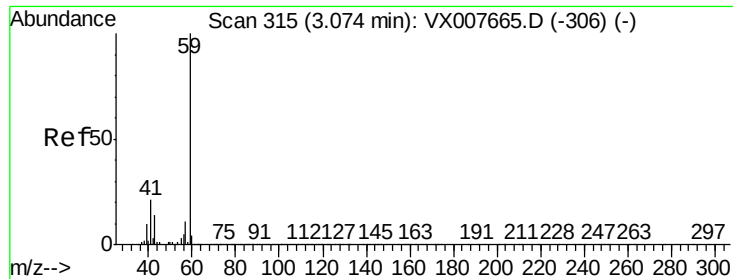
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	142	Resp:	64750
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.4	11.3	16.9





#11

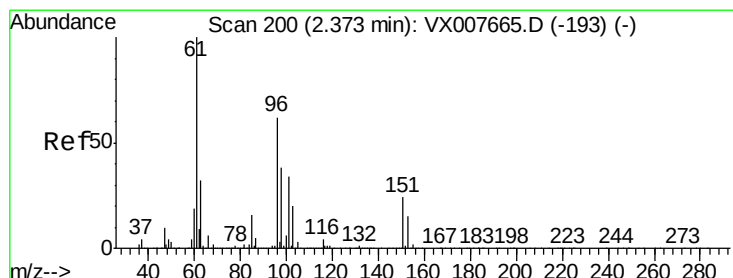
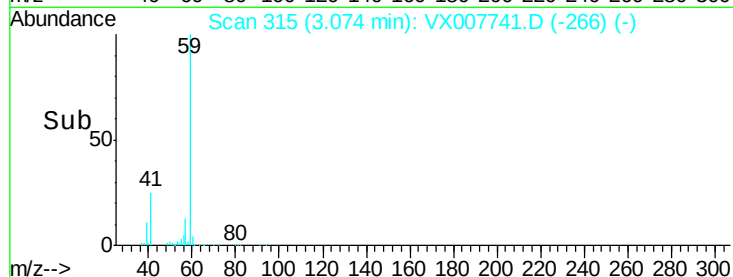
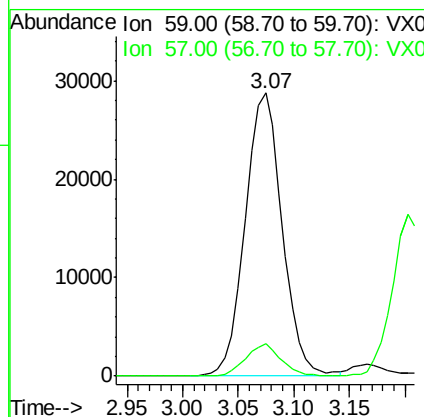
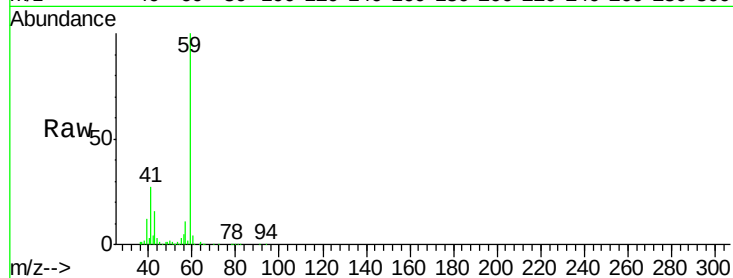
Tert butyl alcohol
Concen: 95.924 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.1	8.1	12.1

Manual Integrations
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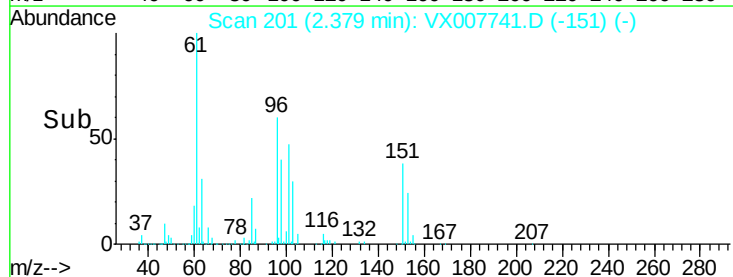
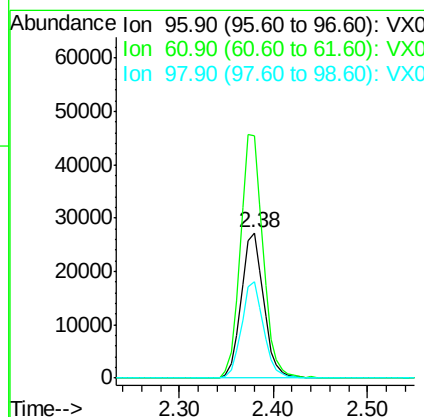
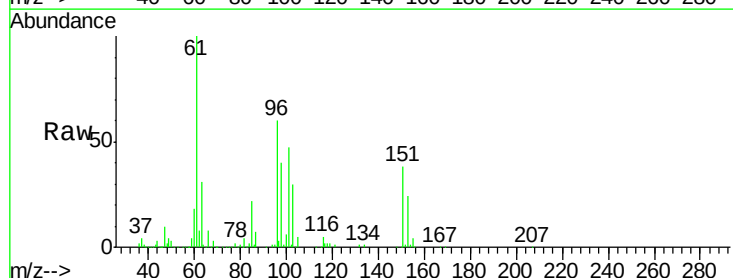
MMDadoda
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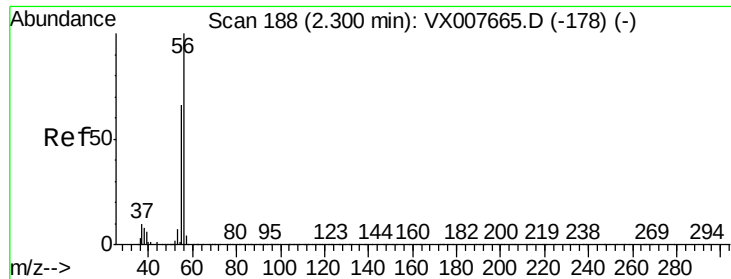


#12

1,1-Dichloroethene
Concen: 17.611 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	166.7	123.0	184.4
98	98	66.2	50.9	76.3





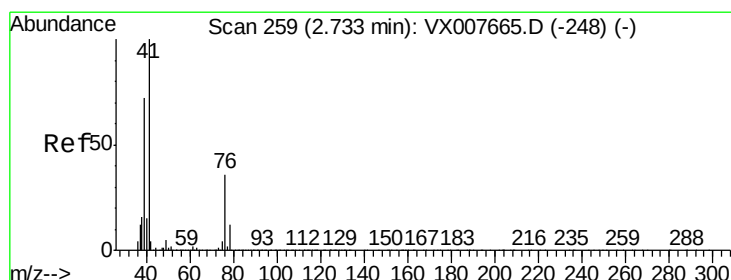
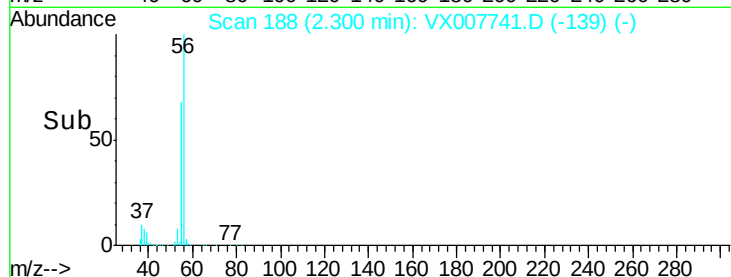
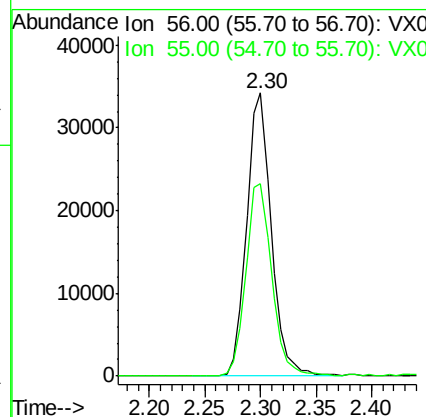
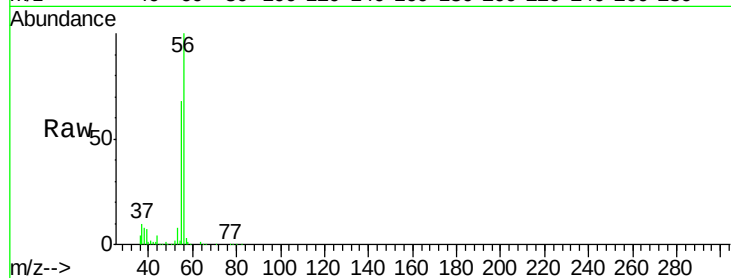
#13
Acrolein
Concen: 85.603 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.9	85.3

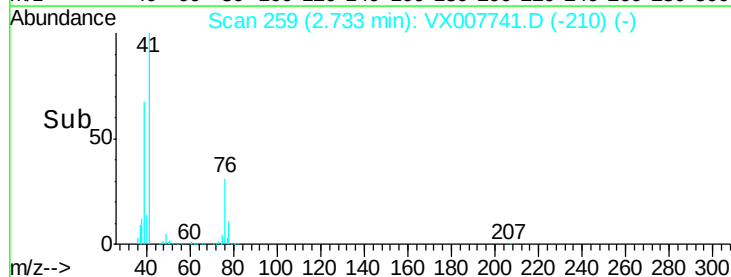
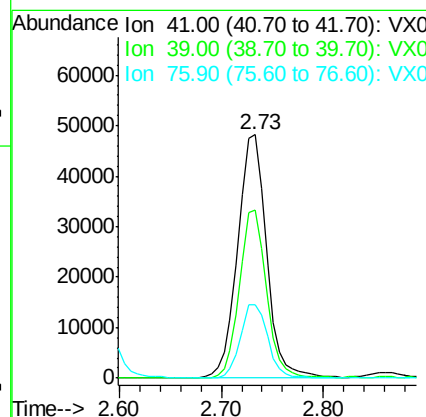
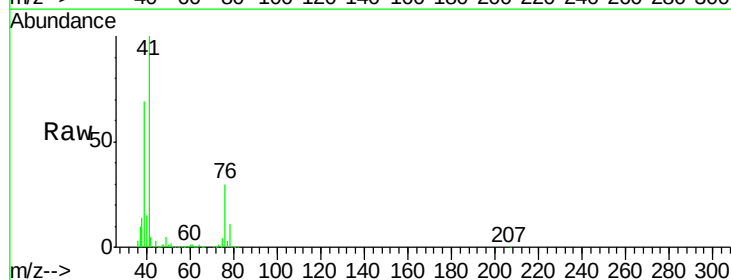
Manual Integrations
APPROVED

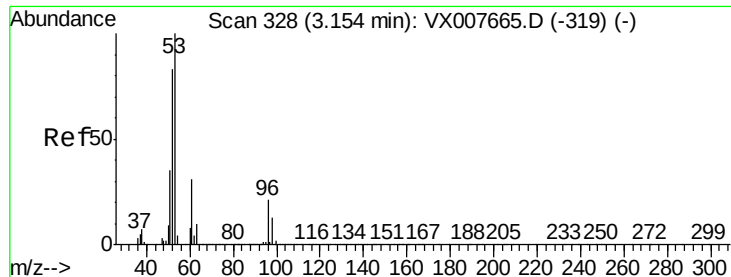
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#14
Allyl chloride
Concen: 19.711 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	54.1	81.1
76	29.2	27.8	41.8





#15

Acrylonitrile

Concen: 101.111 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

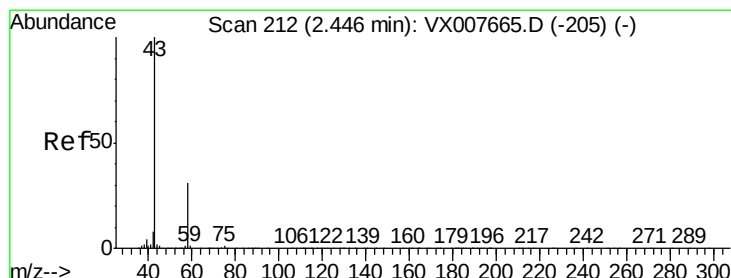
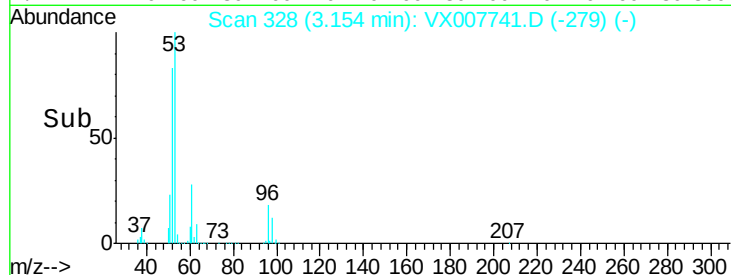
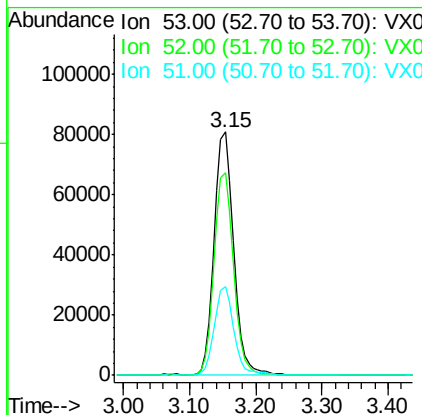
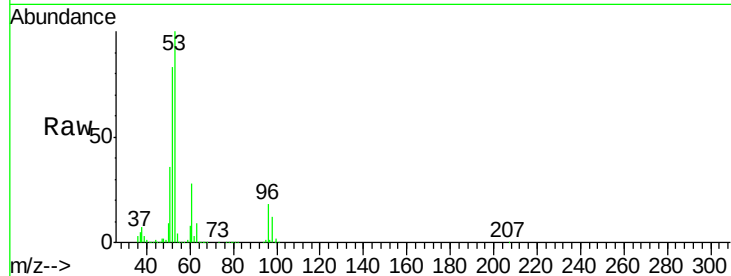
ClientSampleId :

VX0227WBSD01

Tot Ion:	53	Resp:	164928
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 94.538 ug/l

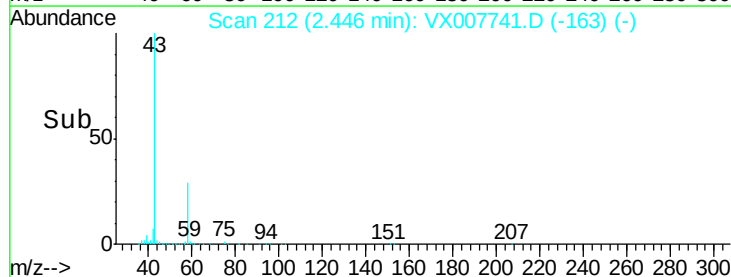
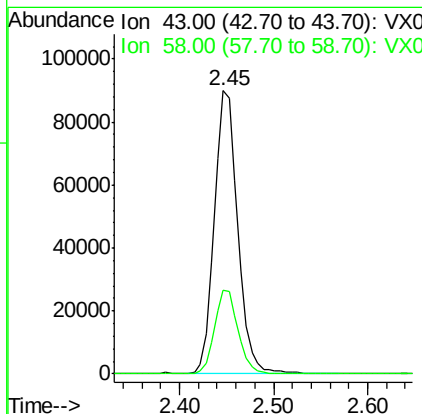
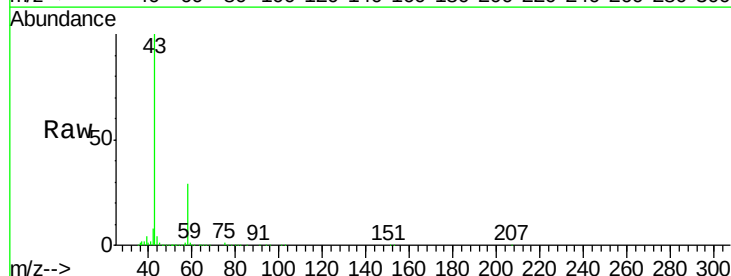
RT: 2.45 min Scan# 212

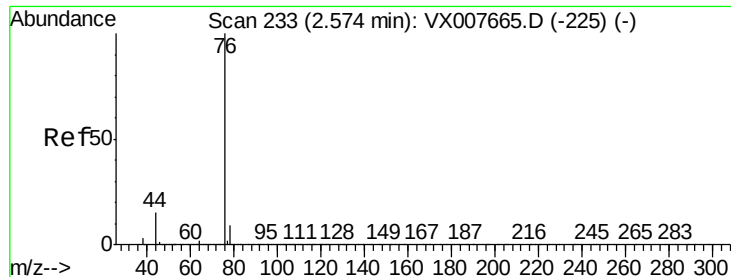
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	43	Resp:	153583
Ion Ratio		Lower	Upper
43	100		
58	29.3	24.9	37.3





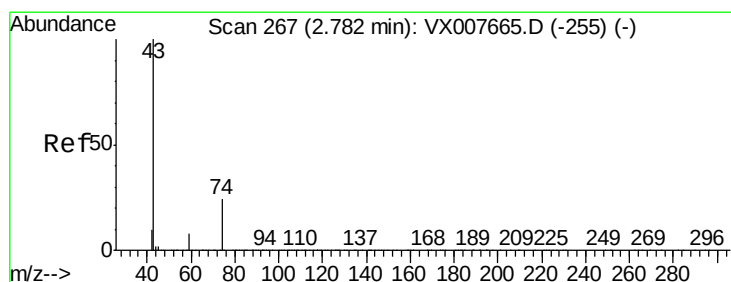
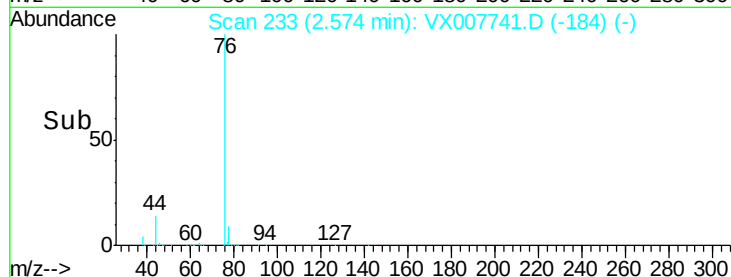
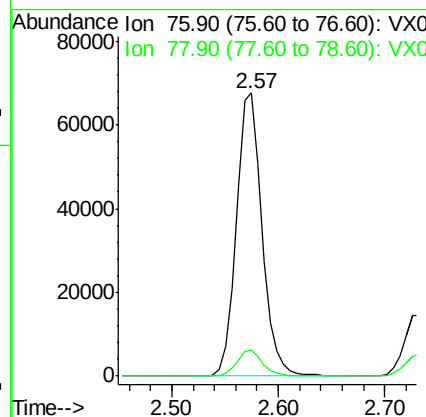
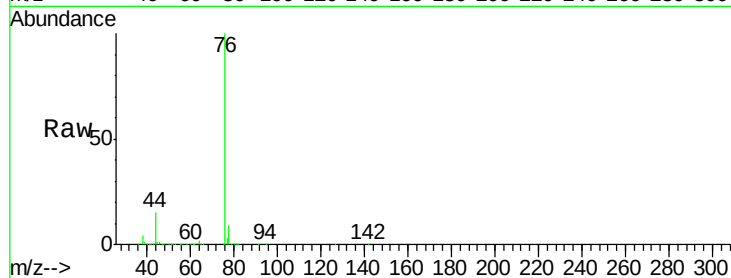
#17
Carbon Disulfide
Concen: 15.922 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

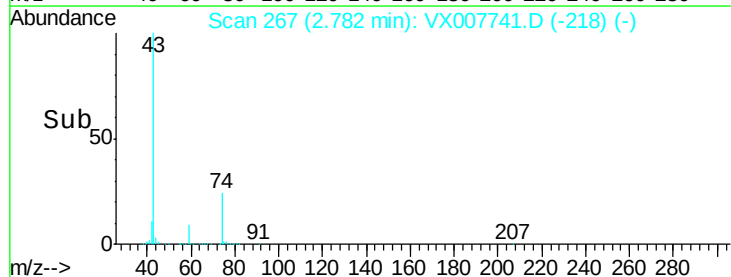
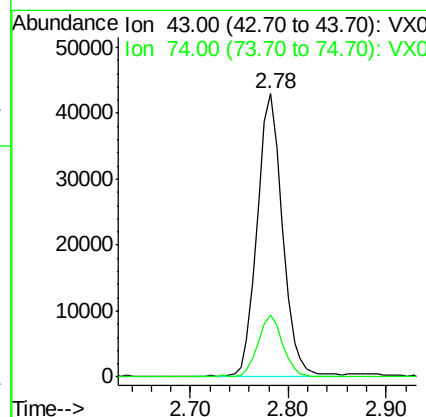
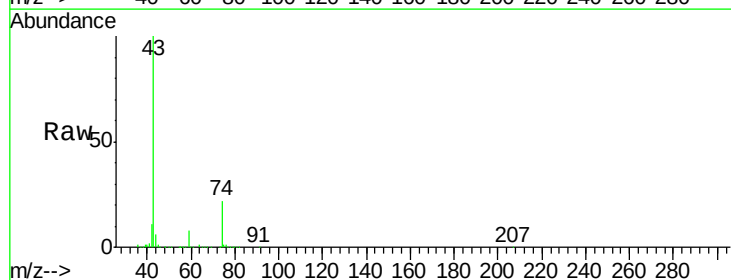
Manual Integrations
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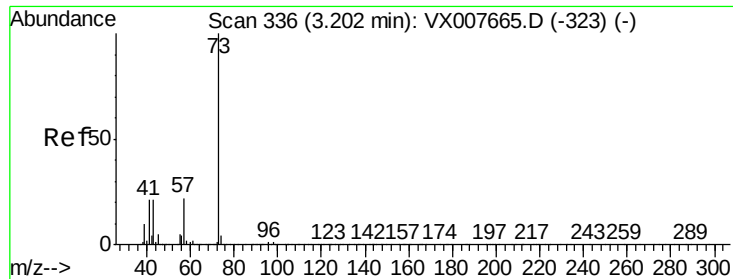
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#18
Methyl Acetate
Concen: 21.666 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	19.4	29.2





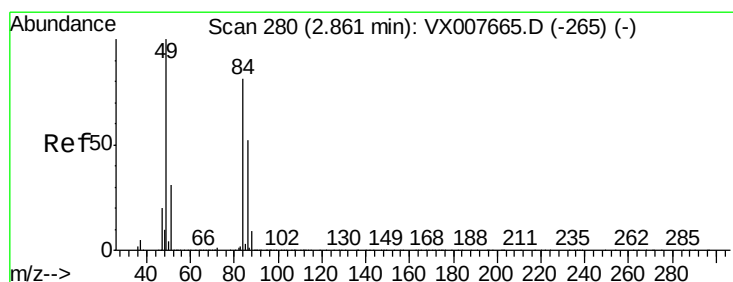
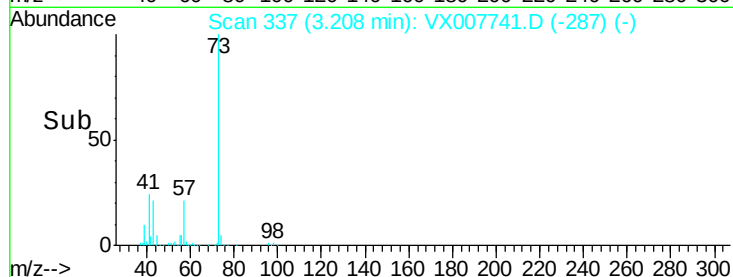
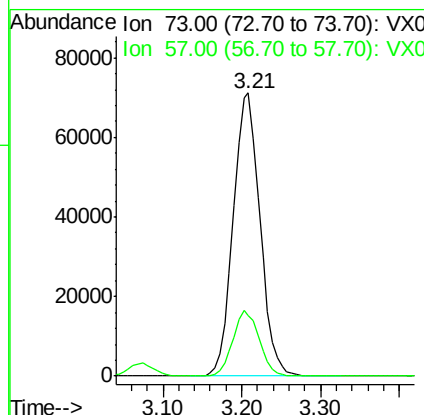
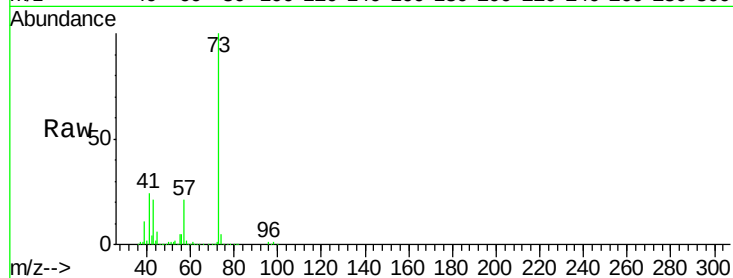
#19
Methyl tert-butyl Ether
Concen: 18.729 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.8	26.8

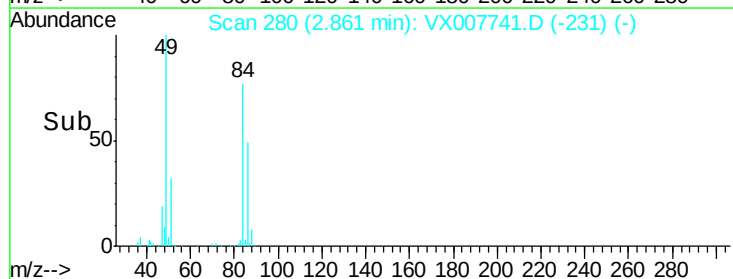
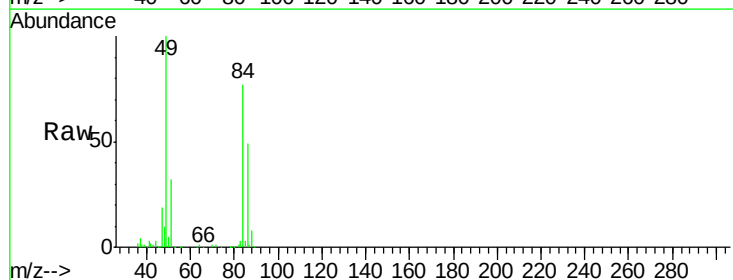
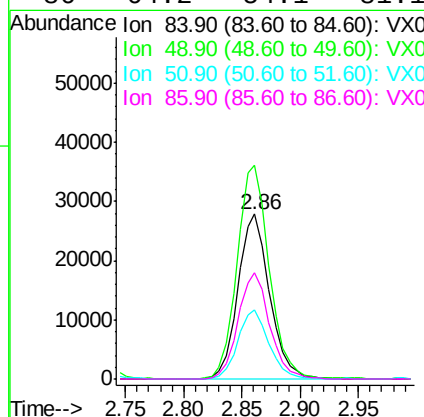
Manual Integrations
APPROVED

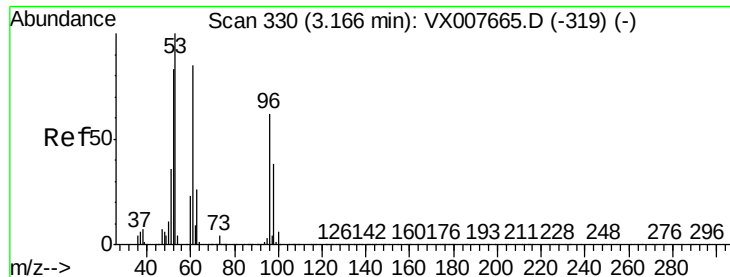
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#20
Methylene Chloride
Concen: 17.549 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.4	94.8	142.2
51	42.0	29.8	44.8
86	64.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.441 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

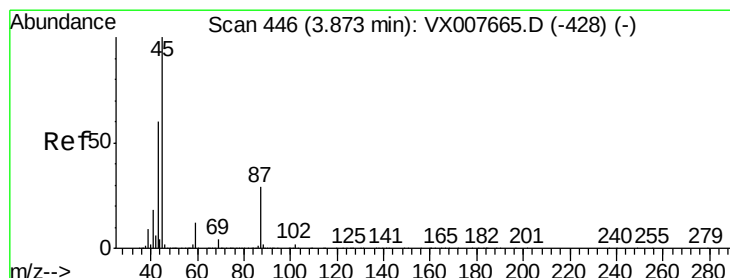
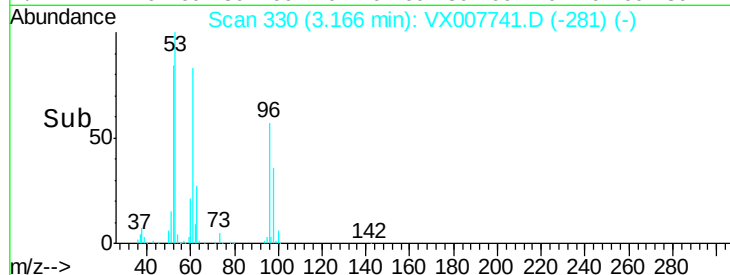
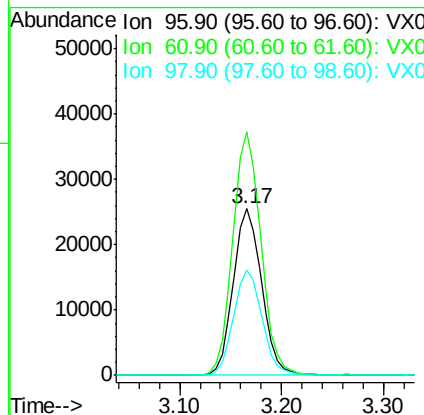
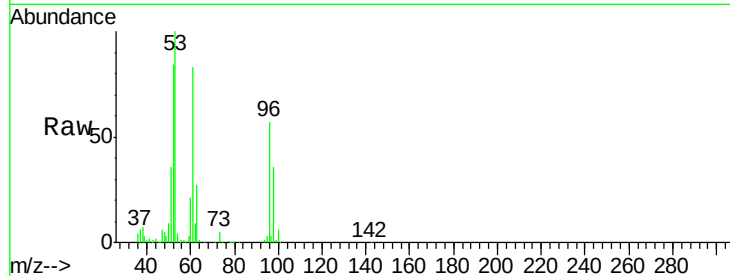
ClientSampleId :

VX0227WBSD01

Tot Ion:	96	Resp:	48913
Ion Ratio	Lower	Upper	
96	100		
61	146.3	104.6	156.8
98	63.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.728 ug/l

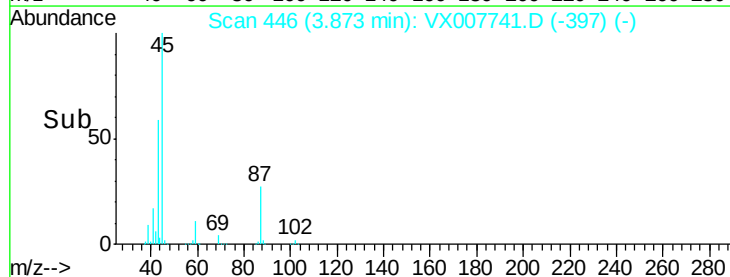
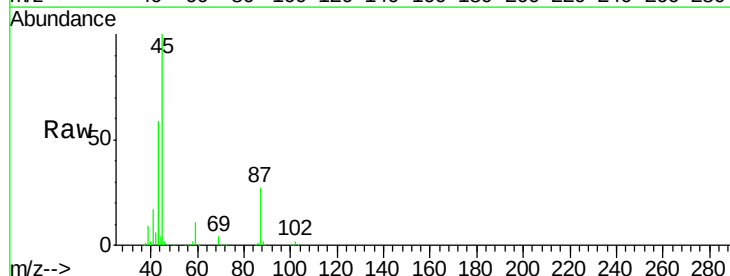
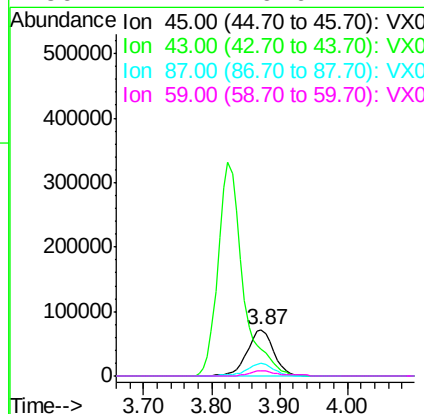
RT: 3.87 min Scan# 446

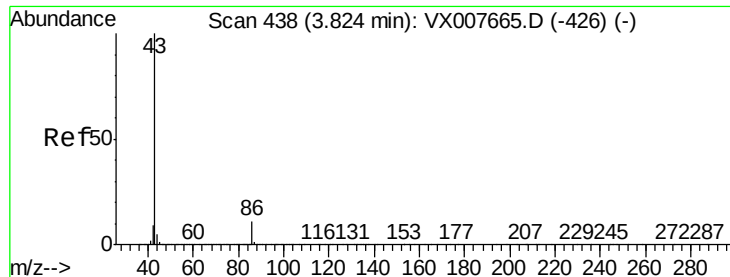
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	45	Resp:	195899
Ion Ratio	Lower	Upper	
45	100		
43	58.3	48.9	73.3
87	26.9	23.9	35.9
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 96.757 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tot Ion: 43 Resp: 842943

Ion Ratio Lower Upper

43 100

86 9.4 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

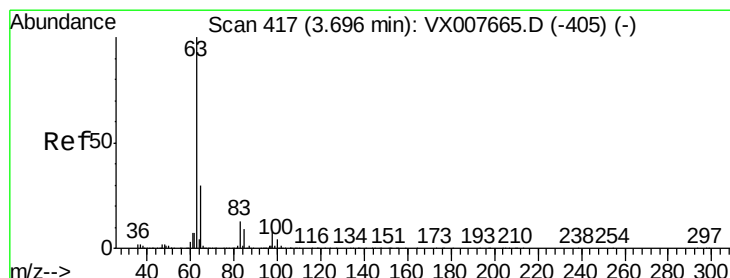
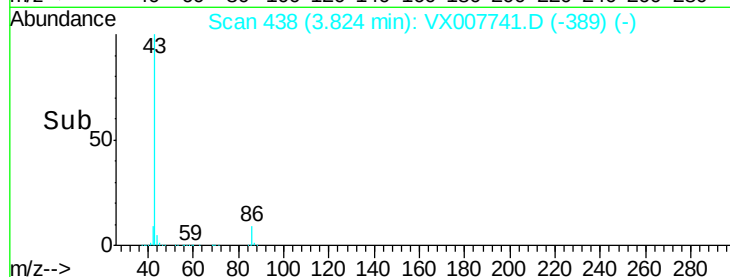
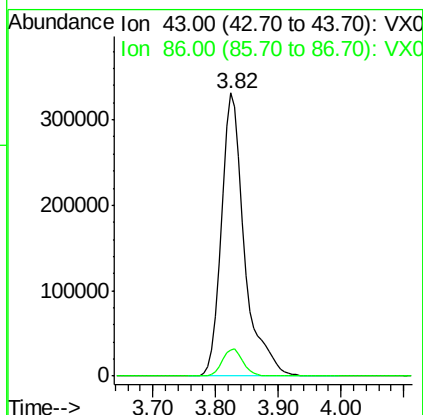
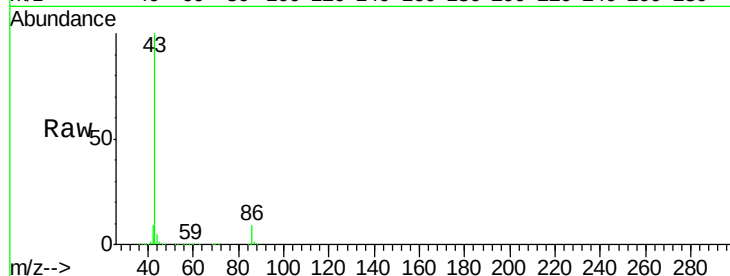
VX0227WBSD01

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#24

1,1-Dichloroethane

Concen: 18.899 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

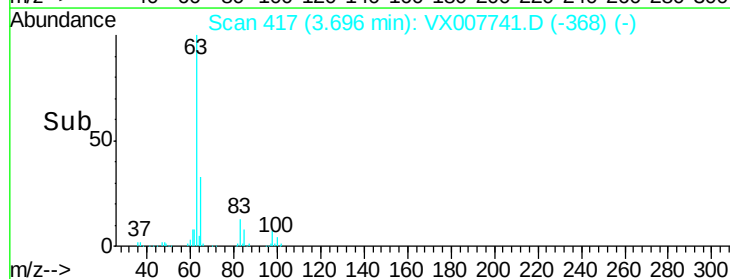
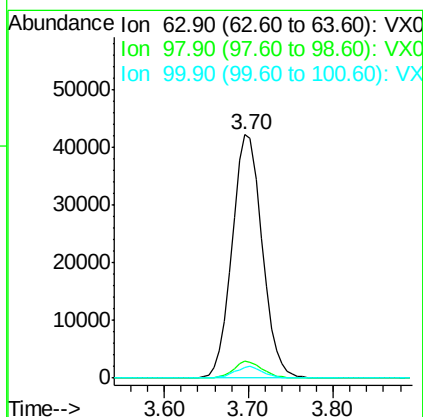
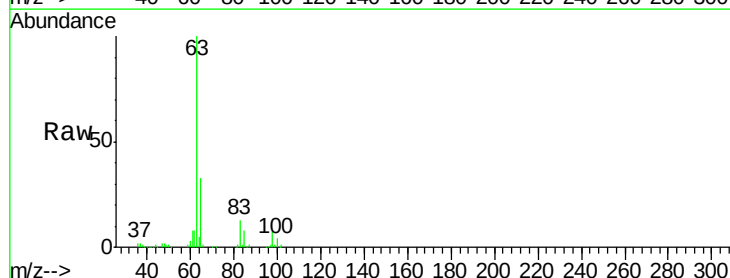
Tgt Ion: 63 Resp: 101991

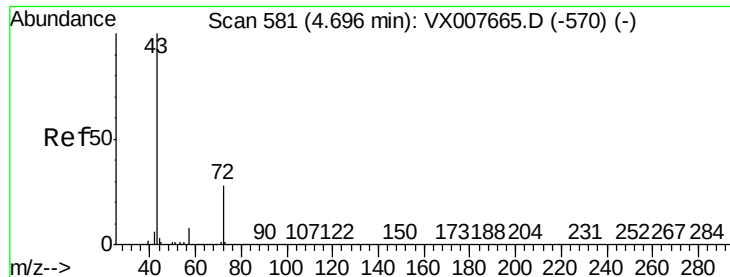
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 101.920 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tot Ion: 43 Resp: 252215

Ion Ratio Lower Upper

43 100

72 24.7 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

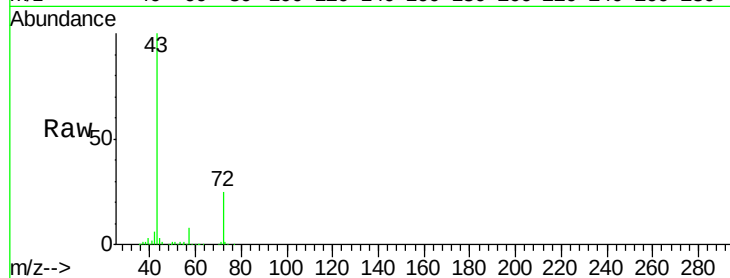
VX0227WBSD01

Manual Integrations

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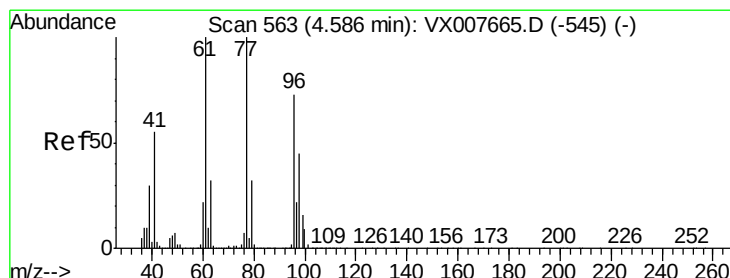
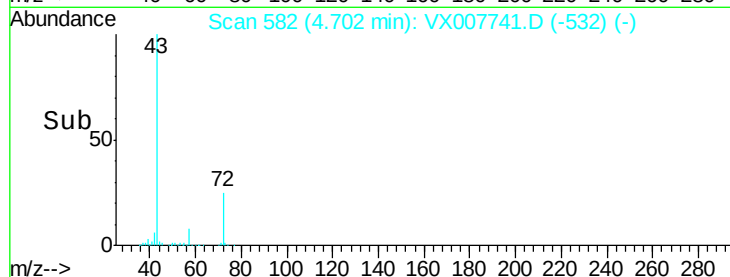
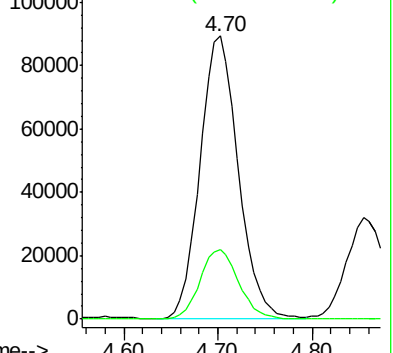
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.059 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007741.D

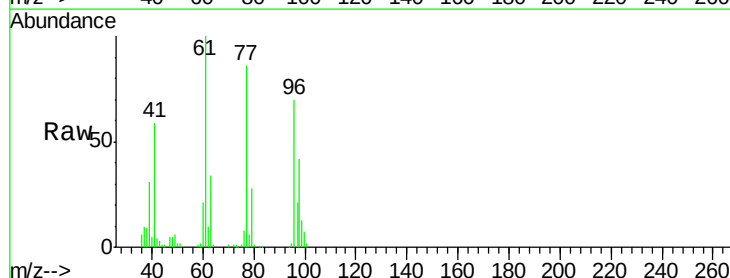
Acq: 27 Feb 2019 18:31

Tgt Ion: 77 Resp: 69179

Ion Ratio Lower Upper

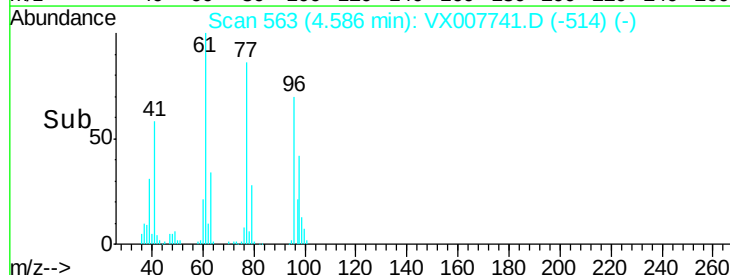
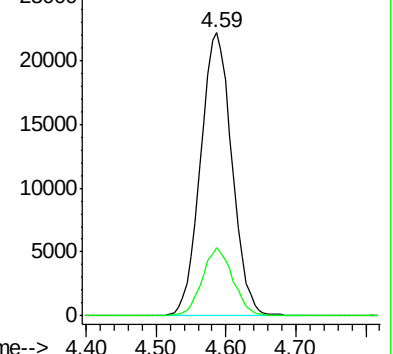
77 100

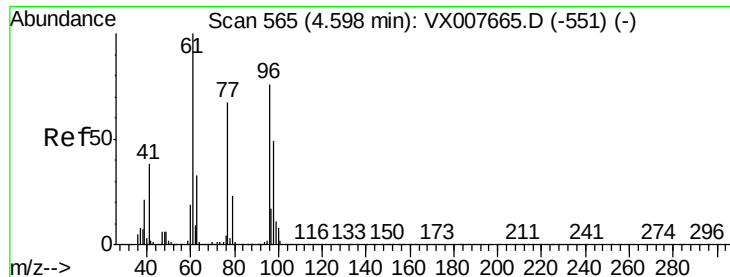
97 23.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

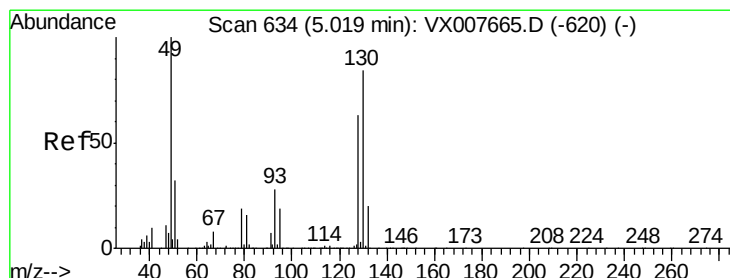
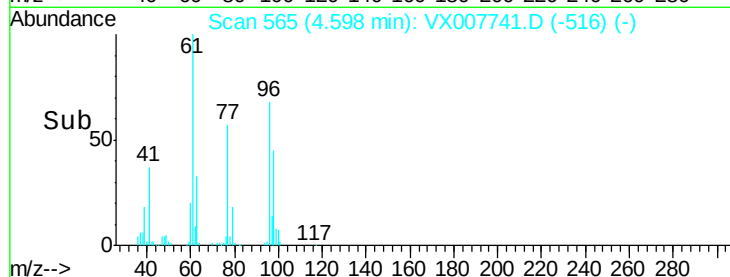
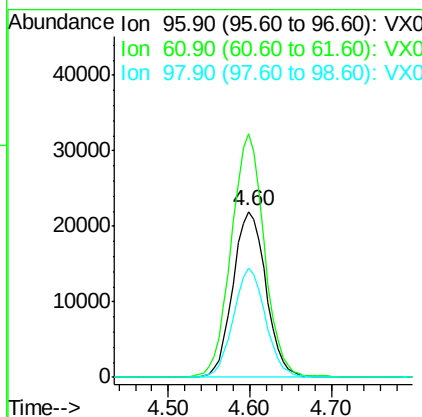
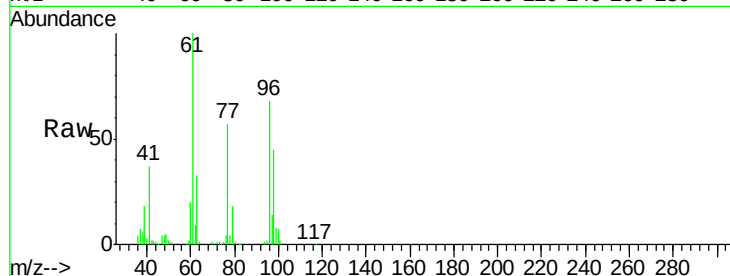
cis-1,2-Dichloroethene
Concen: 17.262 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	265.6
98	64.1	0.0	131.6

Manual Integrations
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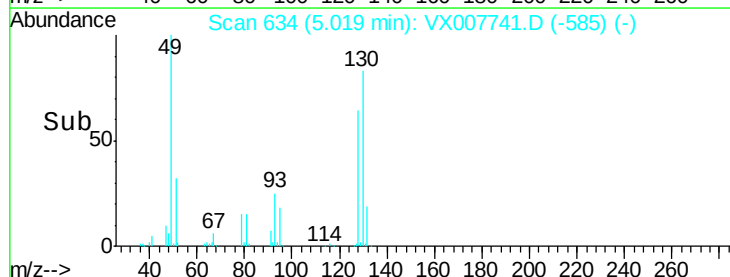
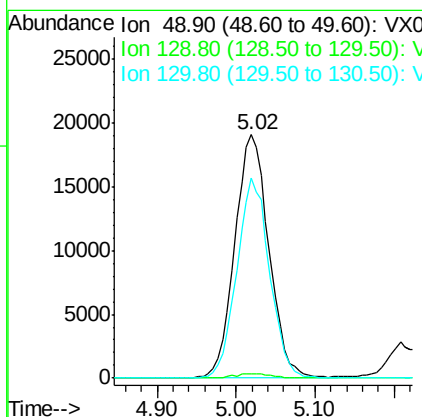
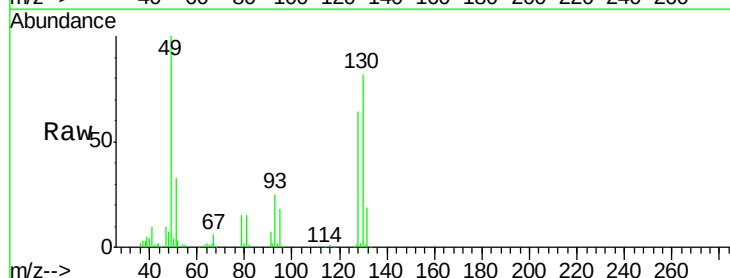
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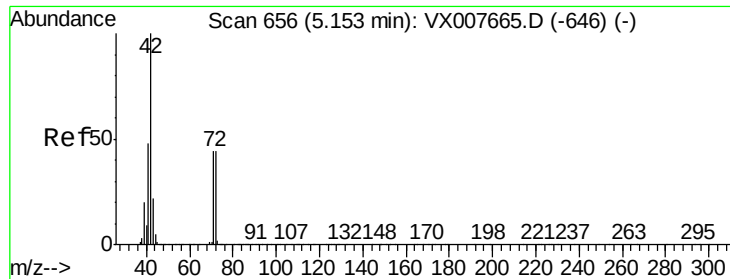


#28

Bromochloromethane
Concen: 21.812 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	79.1	75.6	113.4





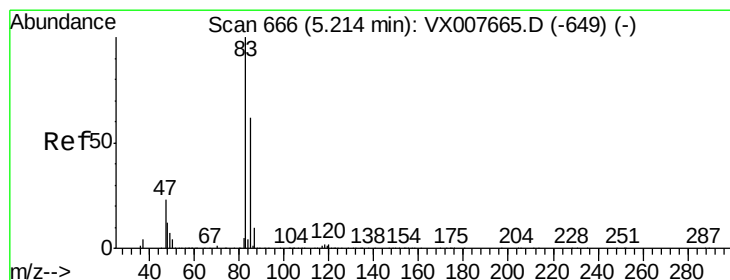
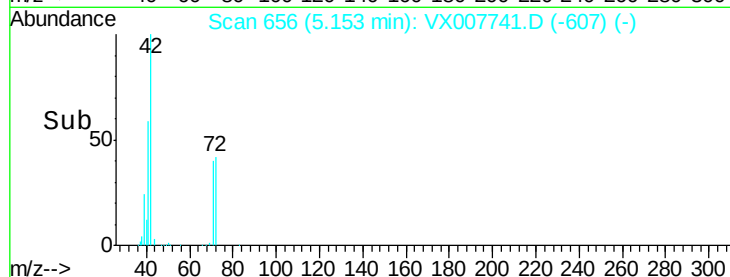
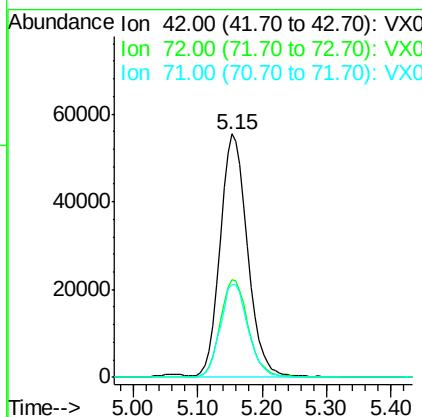
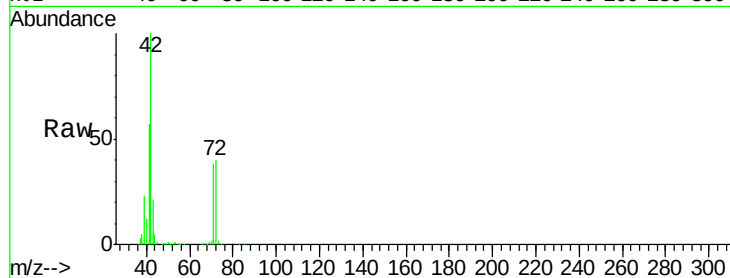
#29
Tetrahydrofuran
Concen: 101.621 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	165765		
72	41.3		37.6	56.4
71	39.0		34.6	51.8

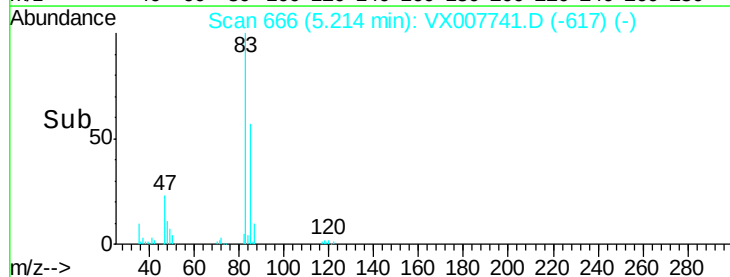
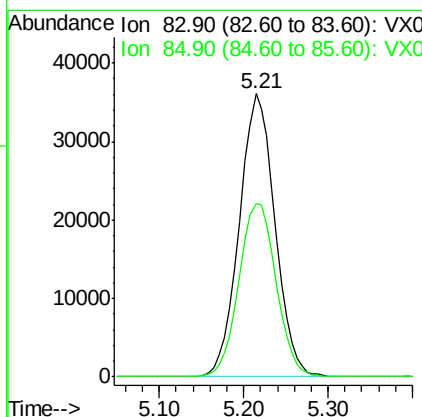
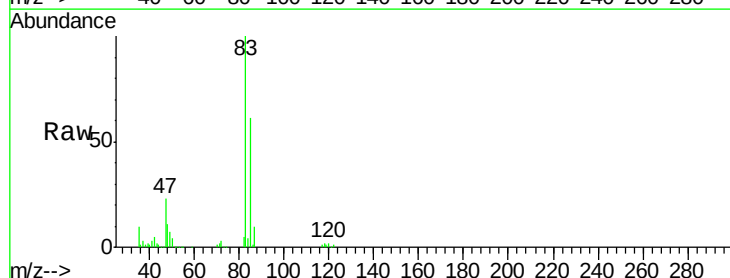
Manual Integrations
APPROVED

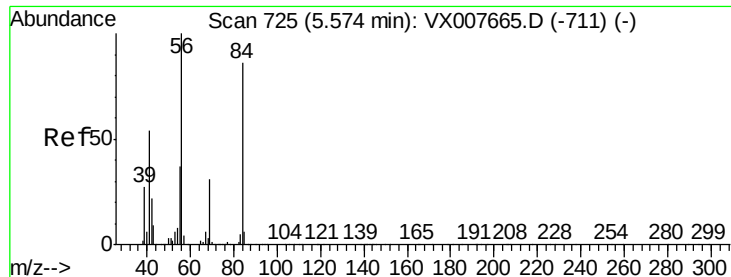
MMDadoda
2/28/2019 12:22:54 PM



#30
Chloroform
Concen: 17.896 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	103454		
85	61.4		51.6	77.4





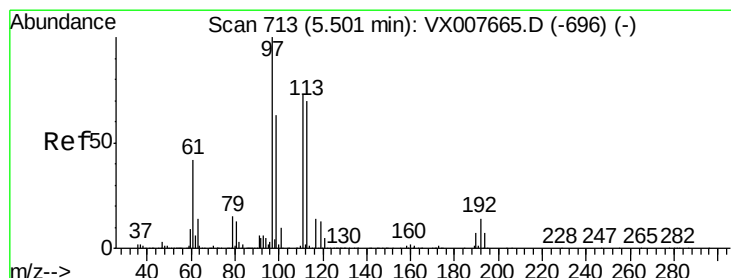
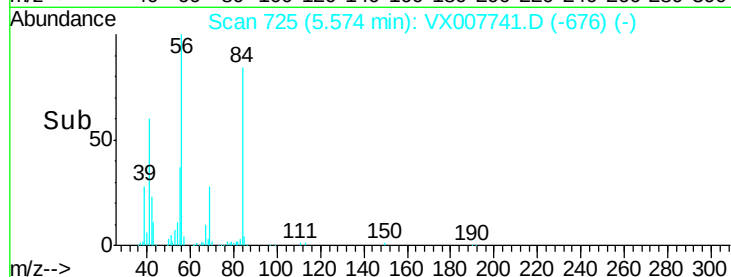
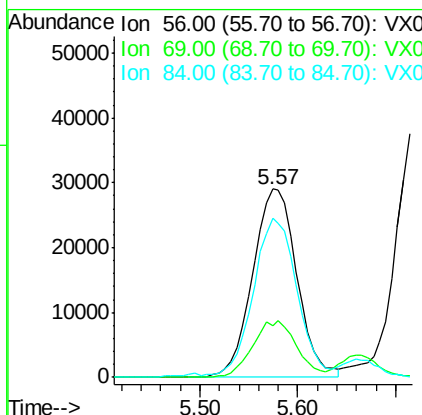
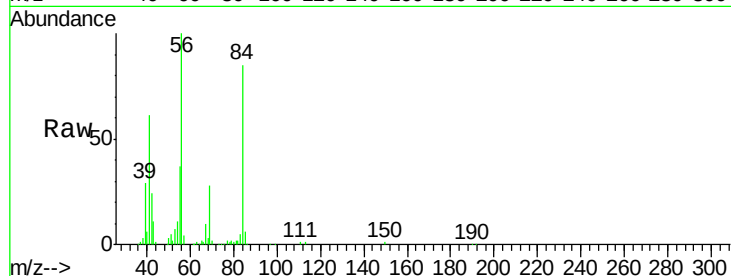
#31
Cyclohexane
Concen: 17.965 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.0	34.6
84	82.9	69.8	104.6

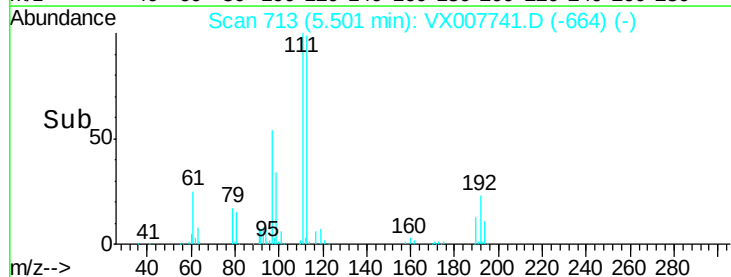
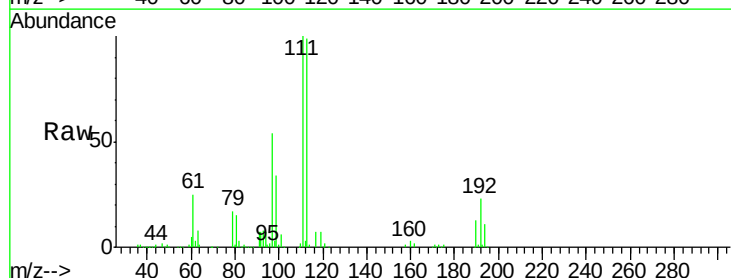
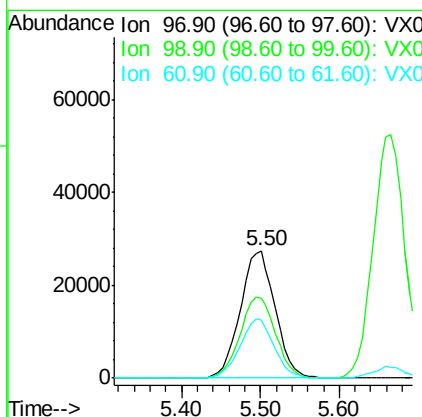
Manual Integrations
APPROVED

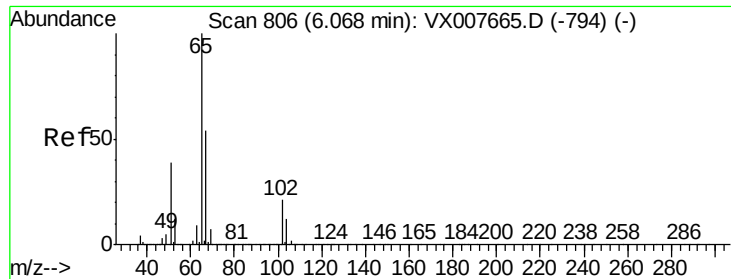
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.589 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	45.5	32.7	49.1





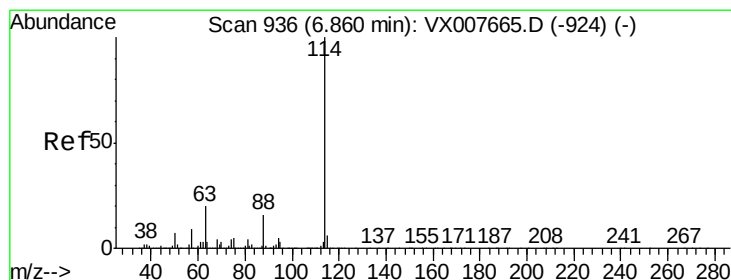
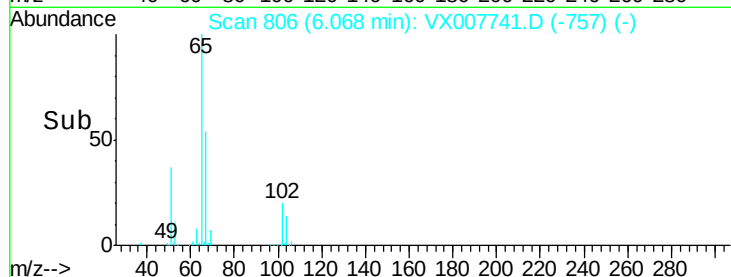
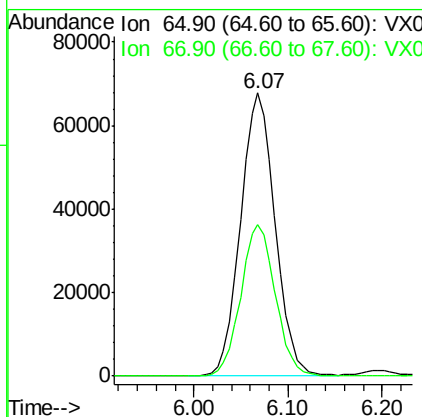
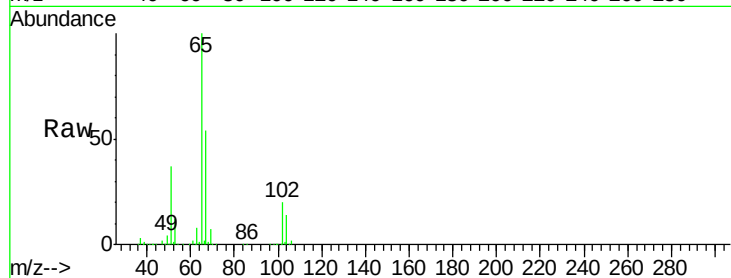
#33
 1,2-Dichloroethane-d4
 Concen: 47.644 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174053		
67	53.6	0.0	108.8	

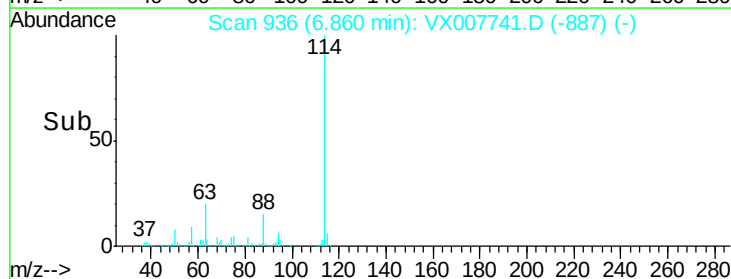
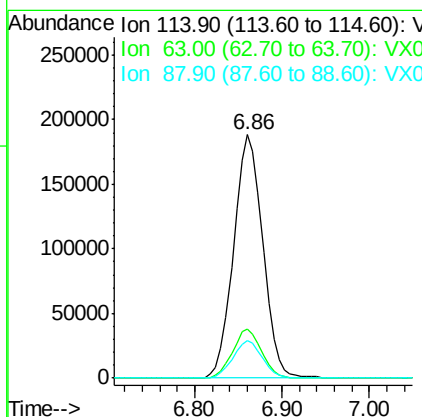
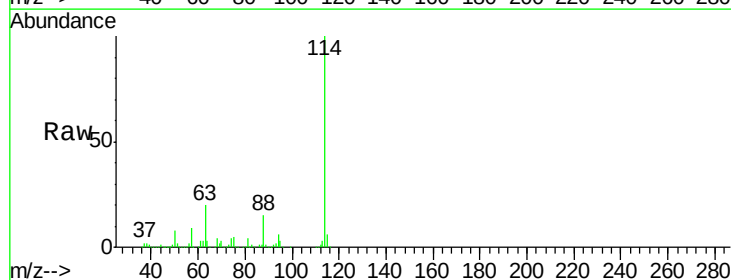
Manual Integrations
 APPROVED

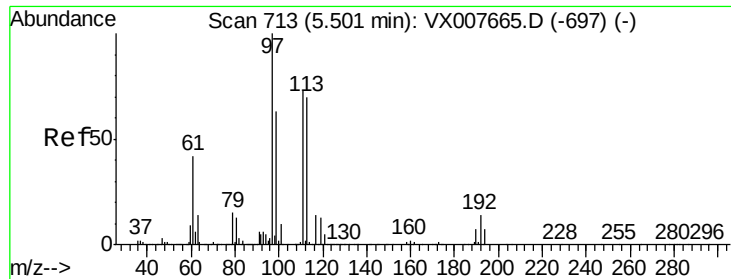
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436629		
63	20.3	0.0	35.6	
88	15.2	0.0	29.6	





#35

Dibromofluoromethane

Concen: 47.710 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

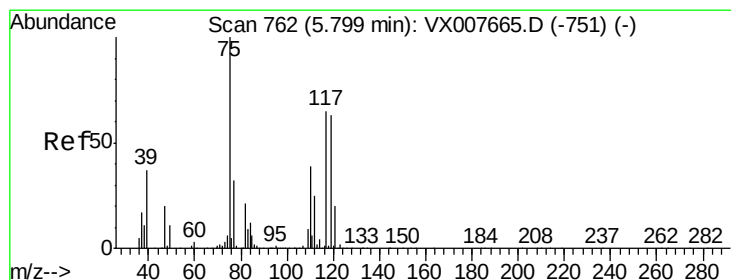
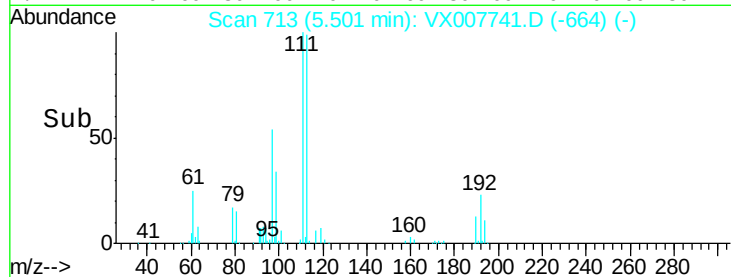
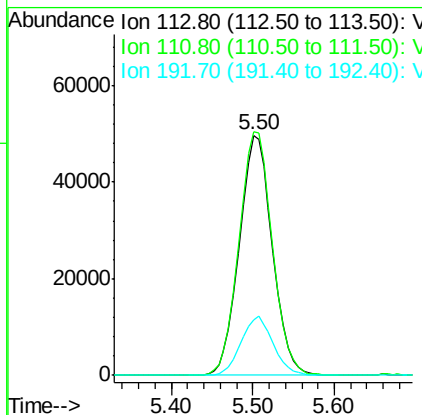
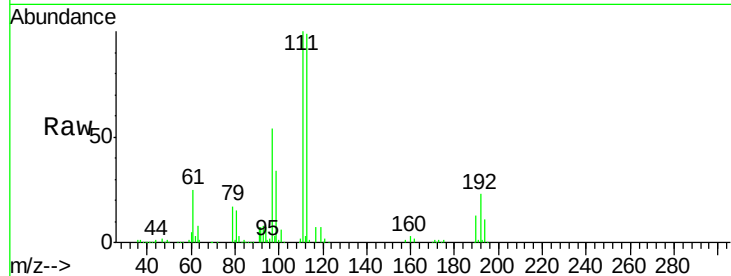
ClientSampleId :

VX0227WBSD01

Tot Ion:	113	Resp:	139253
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.8	122.8
192	24.1	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.057 ug/l

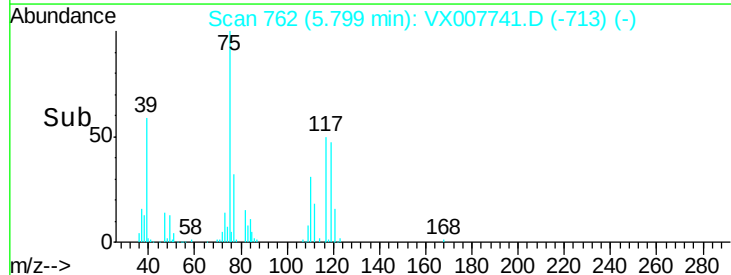
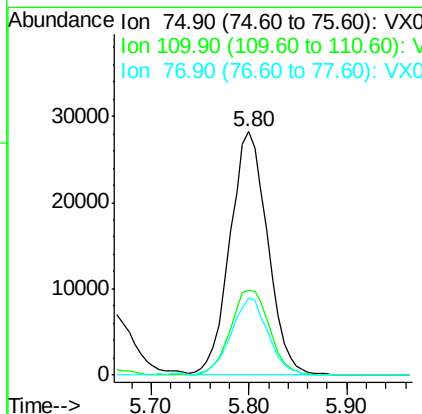
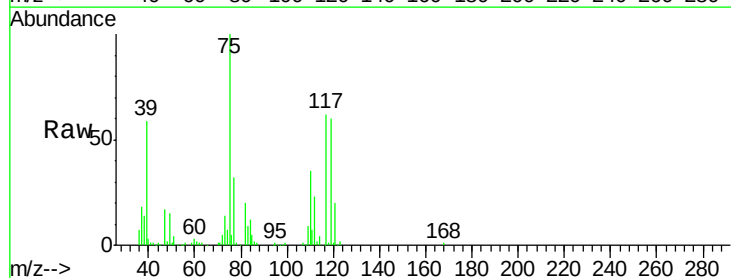
RT: 5.80 min Scan# 762

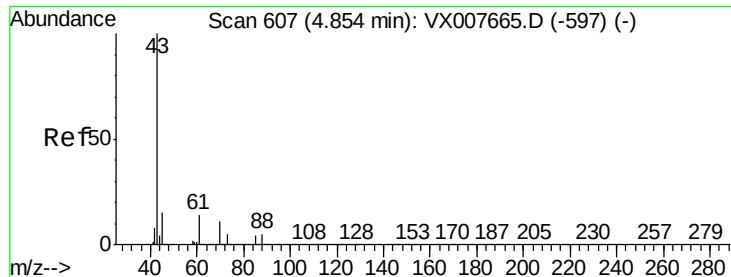
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	75	Resp:	74806
Ion Ratio	Lower	Upper	
75	100		
110	36.7	20.0	59.9
77	31.5	24.7	37.1





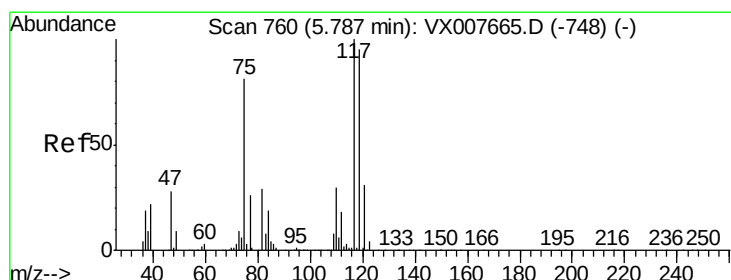
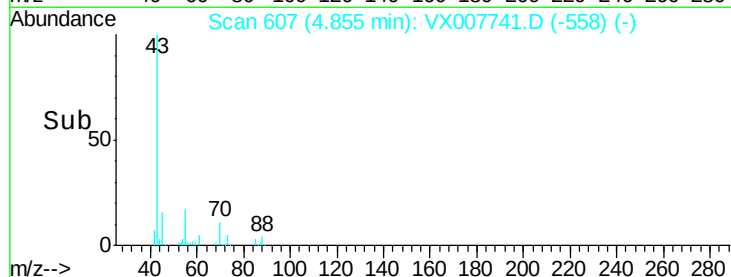
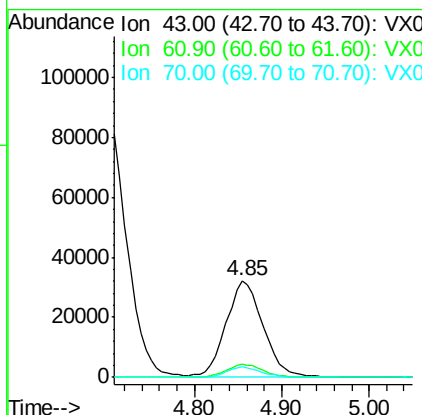
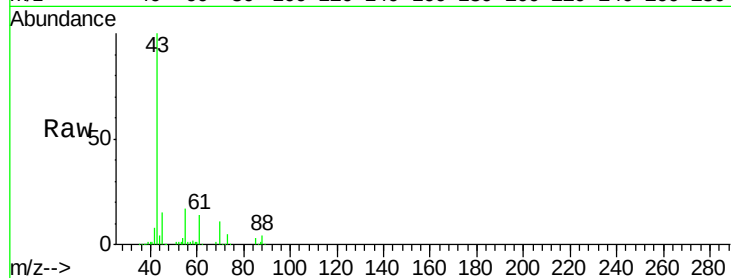
#37
Ethyl Acetate
Concen: 21.343 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampled :
VX0227WBSD01

Tot Ion:	43	Resp:	93066
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.4	8.6	13.0

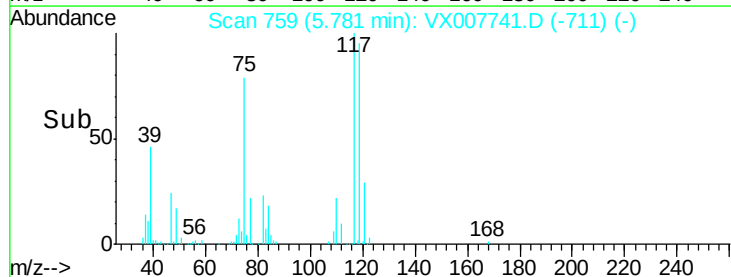
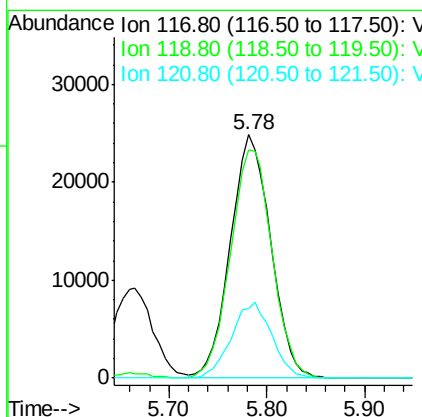
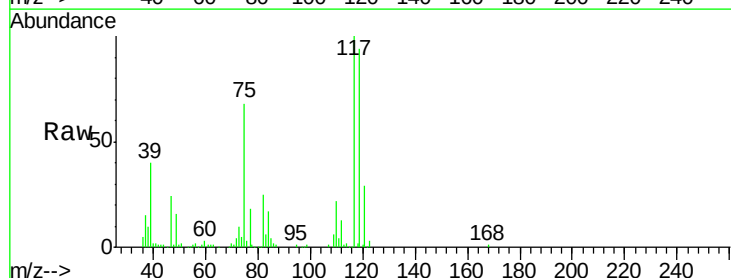
Manual Integrations
APPROVED

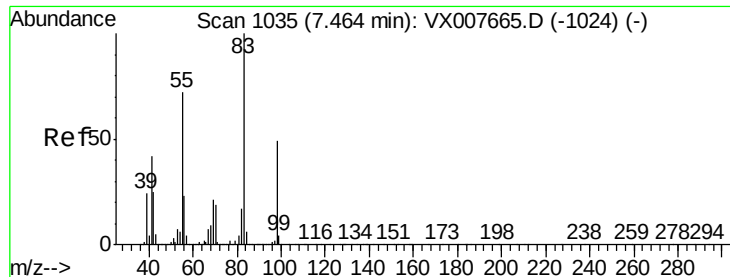
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#38
Carbon Tetrachloride
Concen: 18.049 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion:	117	Resp:	71172
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.3	112.9
121	28.7	25.0	37.4





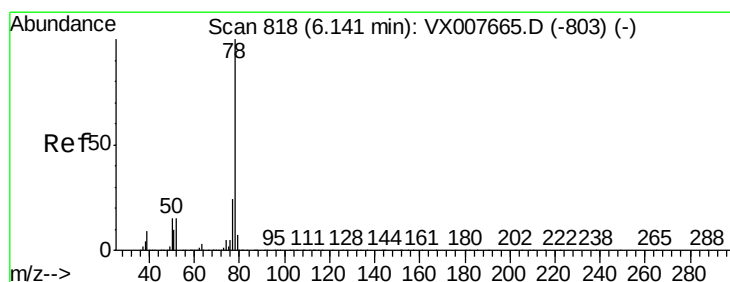
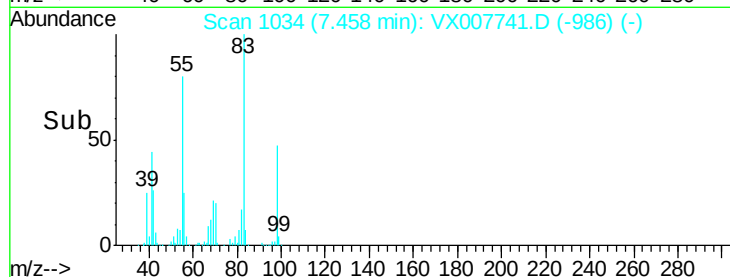
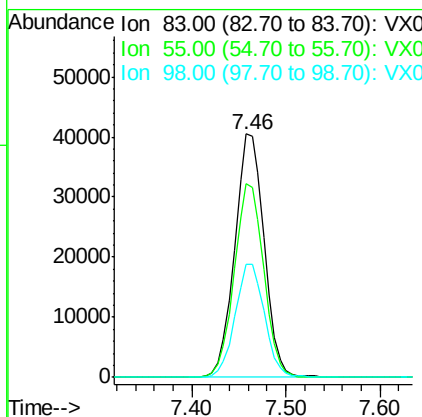
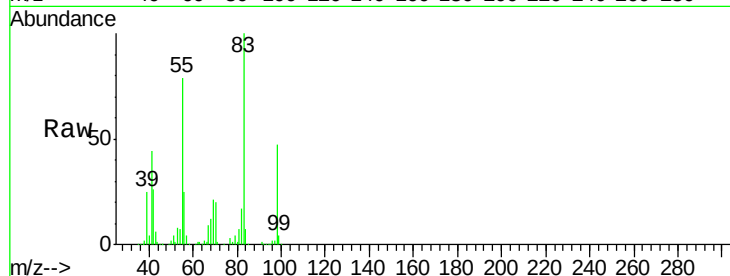
#39
Methylvlcyclohexane
Concen: 17.740 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	88014		
55	79.5		56.2	84.2
98	46.6		36.8	55.2

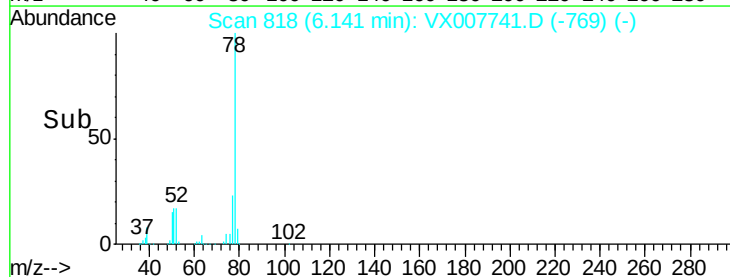
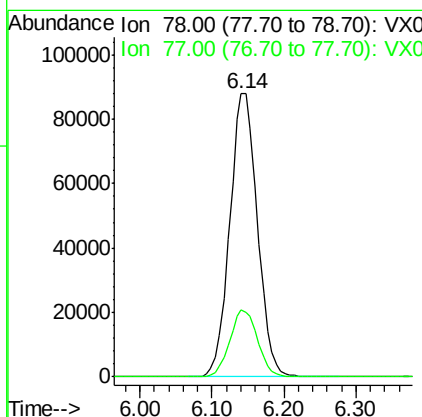
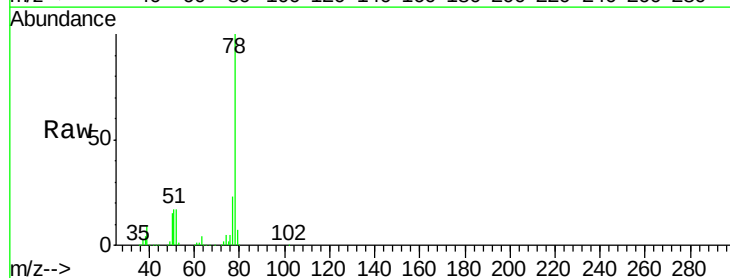
Manual Integrations
APPROVED

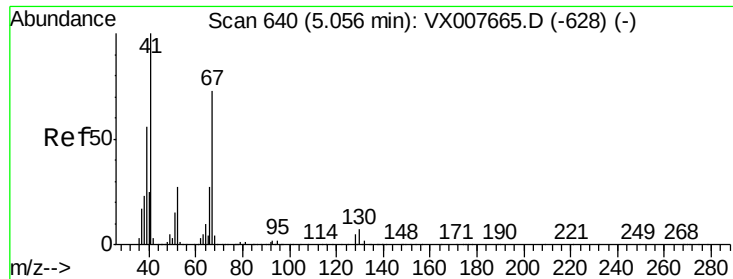
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#40
Benzene
Concen: 19.348 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	234448		
77	23.5		19.3	28.9





#41

Methacrylonitrile

Concen: 22.523 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

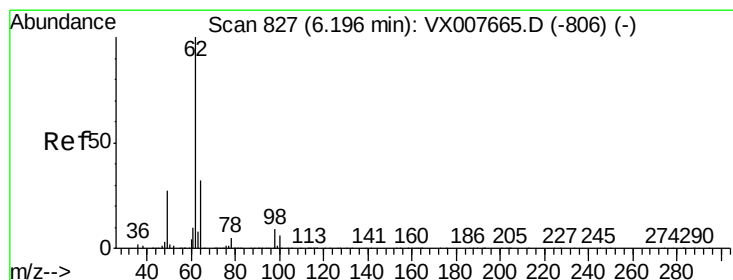
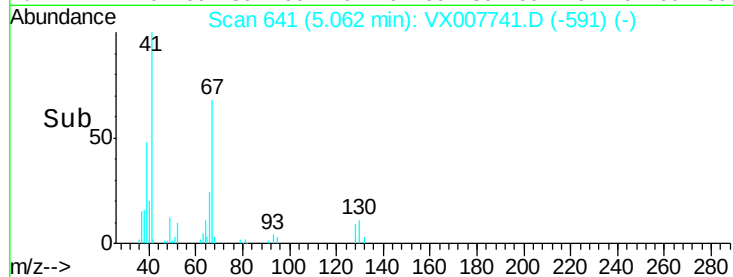
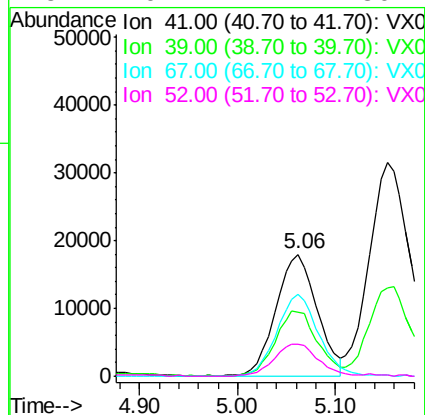
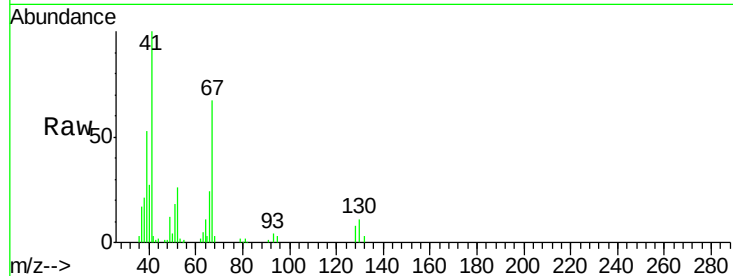
ClientSampleId :

VX0227WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	44.5	66.7	
67	68.5	60.4	90.6	
52	29.2	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.851 ug/l

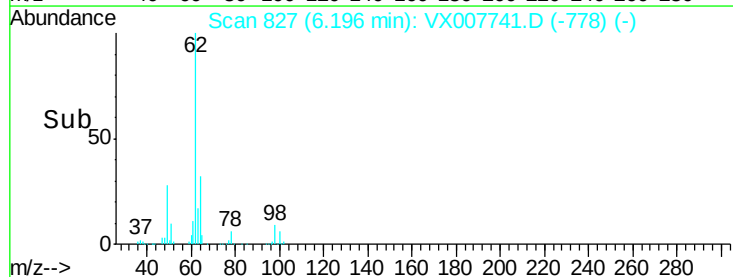
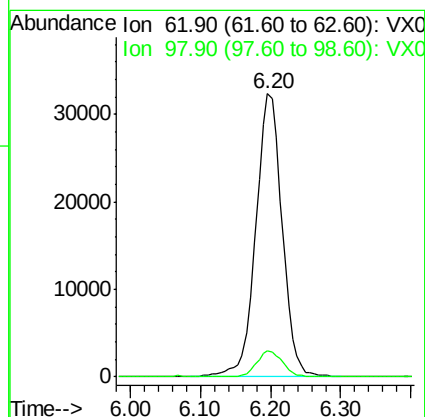
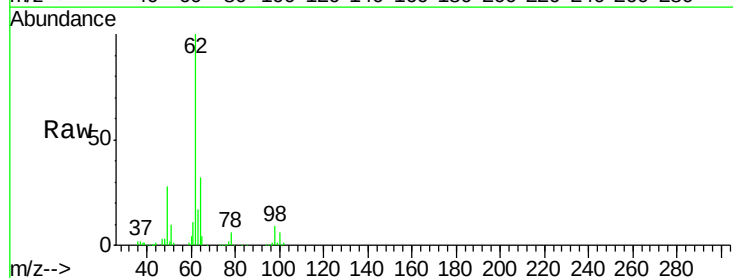
RT: 6.20 min Scan# 827

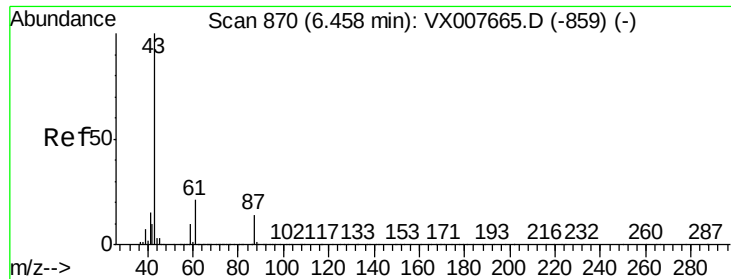
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	19.0	





#43

Isopropyl Acetate

Concen: 20.938 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

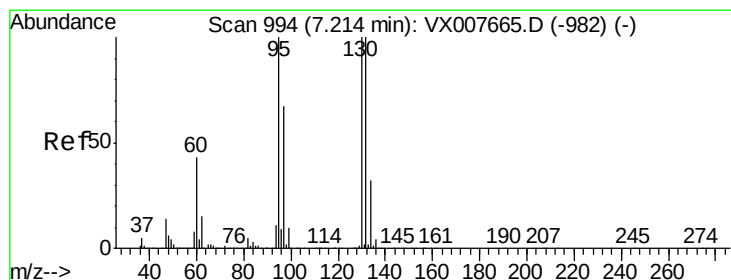
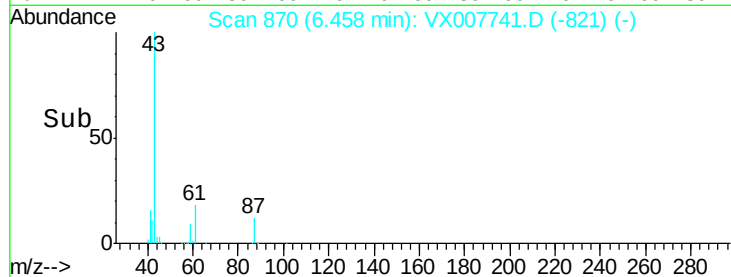
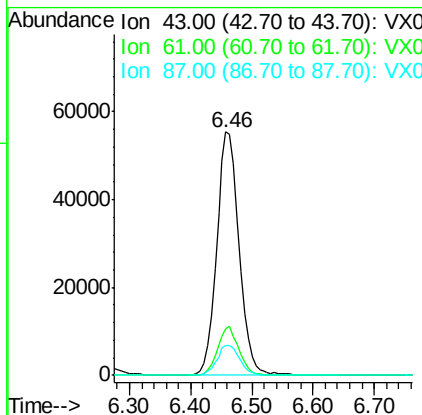
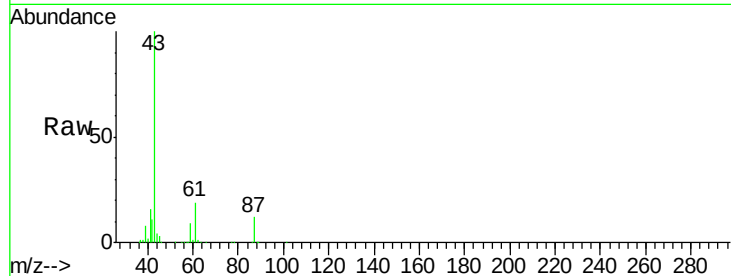
ClientSampleId :

VX0227WBSD01

Tot Ion:	43	Resp:	140520
Ion Ratio		Lower	Upper
43	100		
61	19.4	16.1	24.1
87	12.6	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 18.937 ug/l

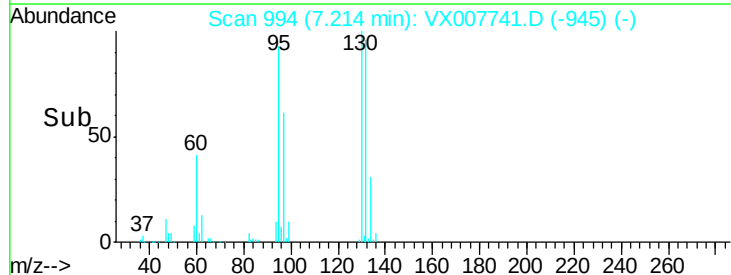
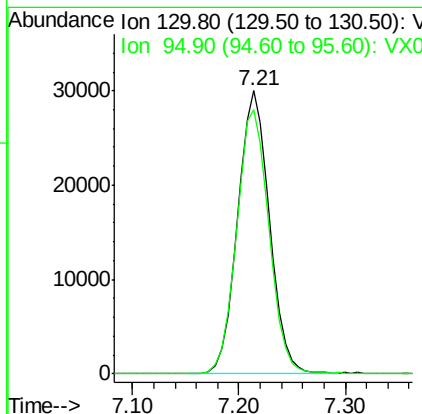
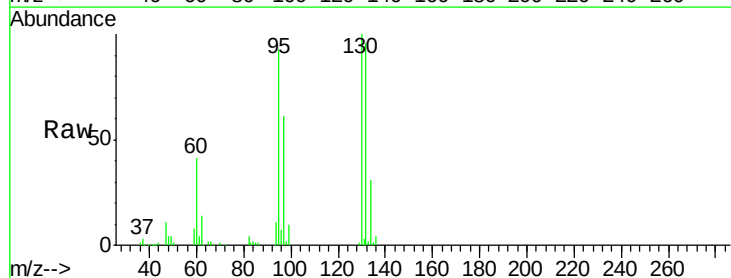
RT: 7.21 min Scan# 994

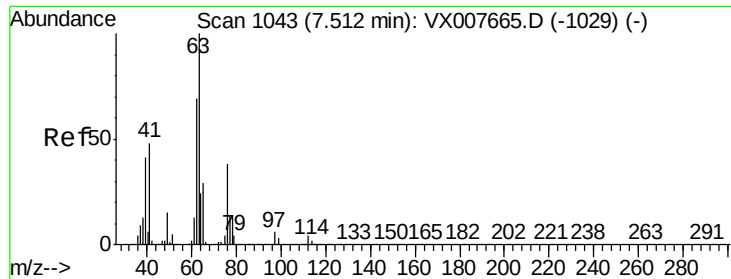
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	130	Resp:	63124
Ion Ratio		Lower	Upper
130	100		
95	93.2	0.0	180.0





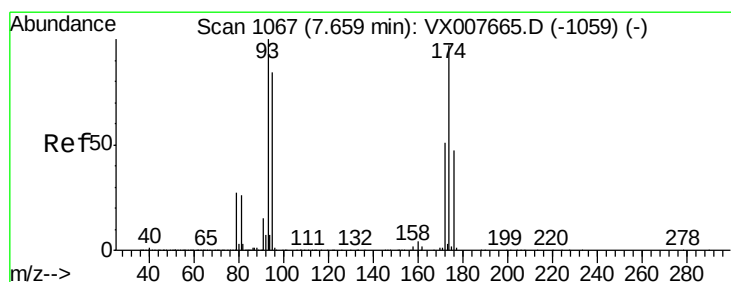
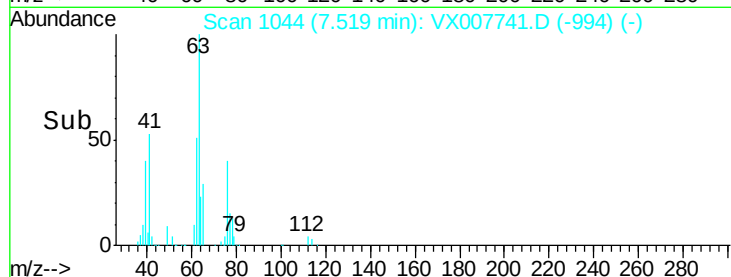
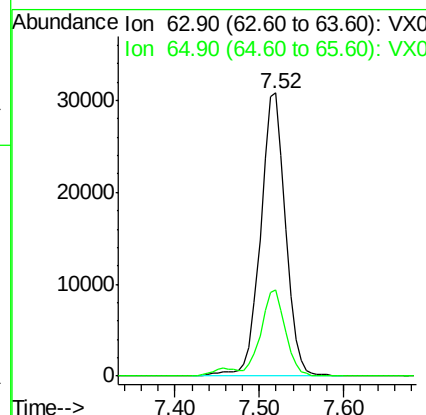
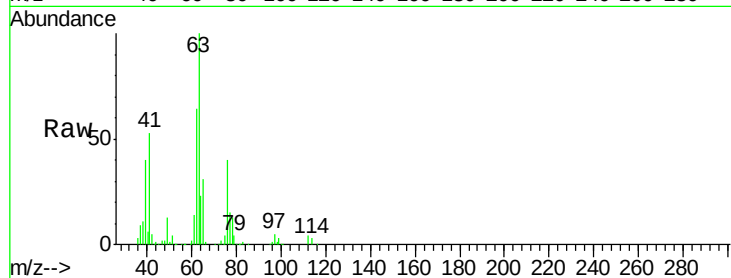
#45
 1,2-Dichloropropane
 Concen: 19.927 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.2

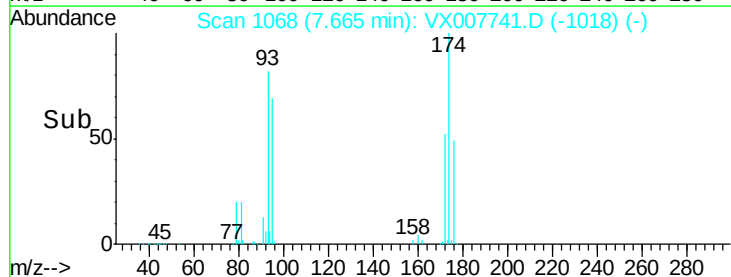
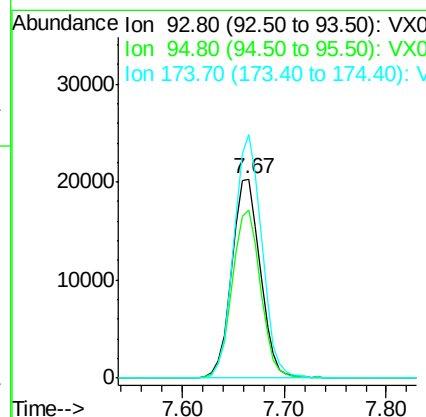
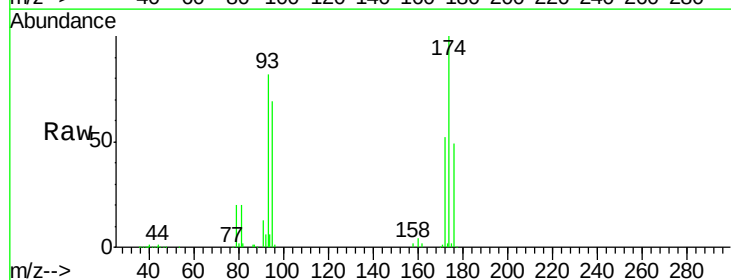
Manual Integrations
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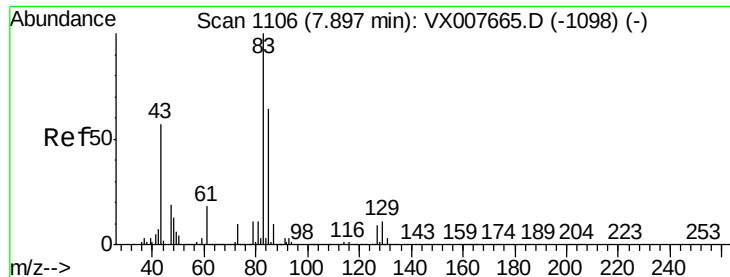
MMDadoda
 2/28/2019 12:22:54 PM



#46
 Dibromomethane
 Concen: 17.931 ug/l
 RT: 7.67 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.6	101.4
174	119.6	94.2	141.4





#47

Bromodichloromethane

Concen: 18.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

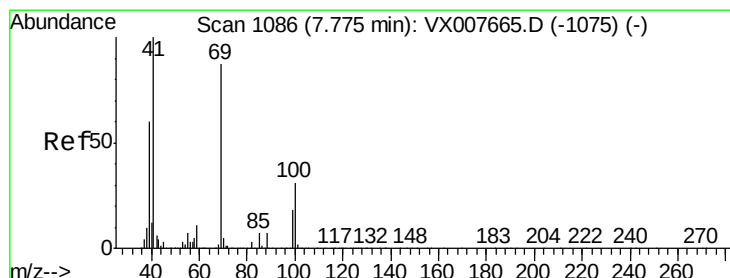
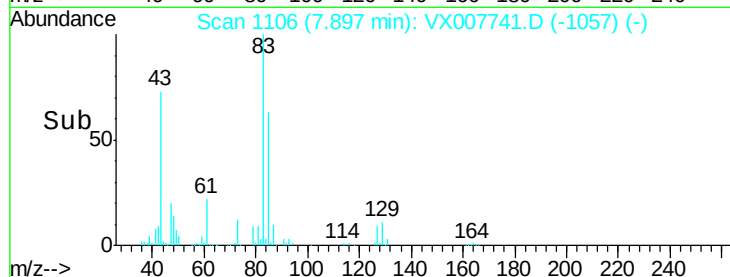
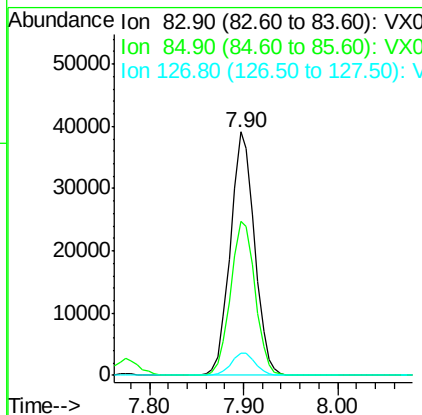
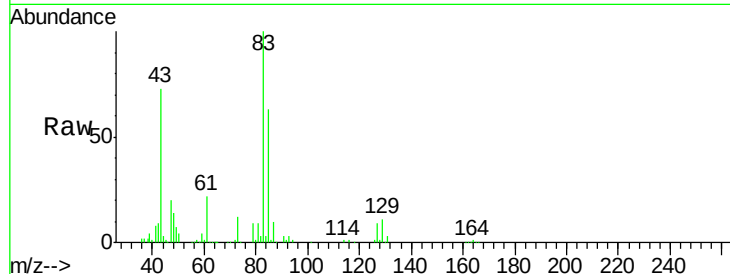
ClientSampleId :

VX0227WBSD01

Tot Ion:	83	Resp:	69611
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.506 ug/l

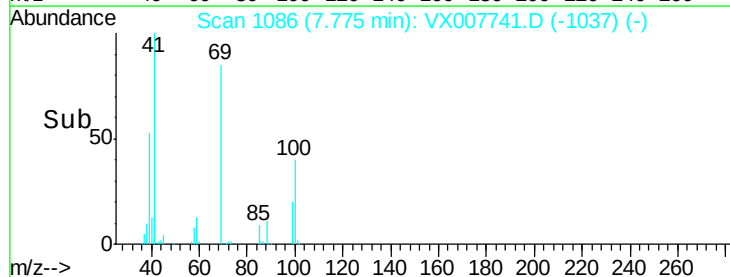
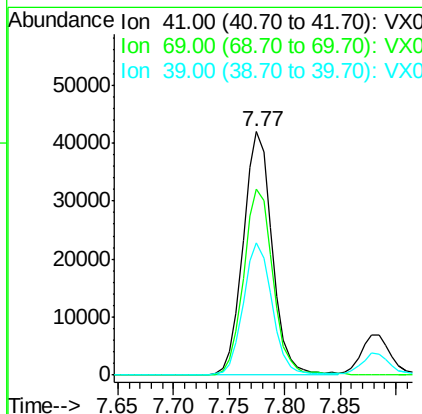
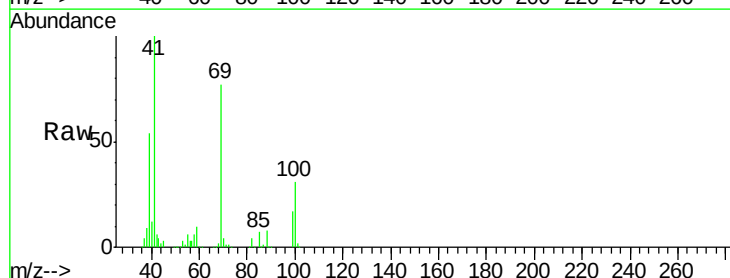
RT: 7.77 min Scan# 1086

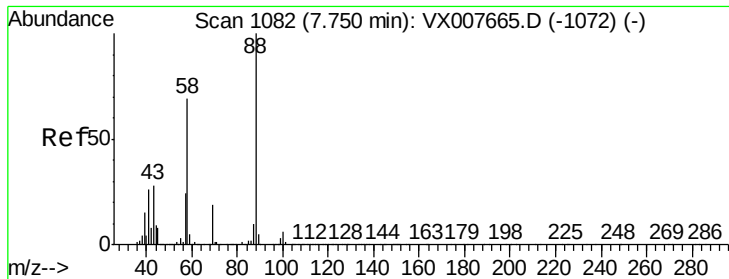
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	41	Resp:	75654
Ion Ratio	Lower	Upper	
41	100		
69	78.0	70.2	105.4
39	53.9	47.4	71.0





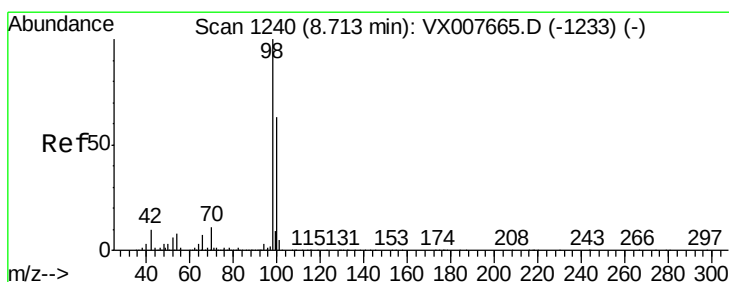
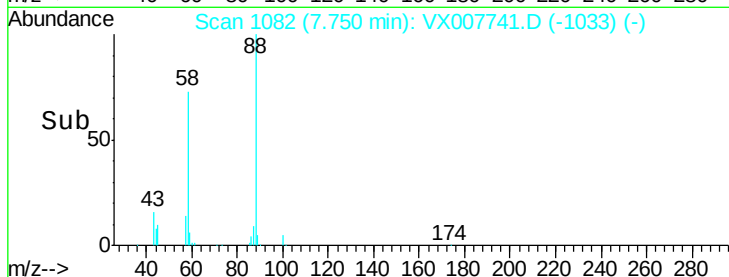
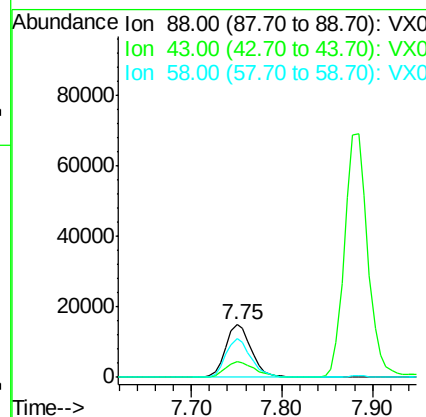
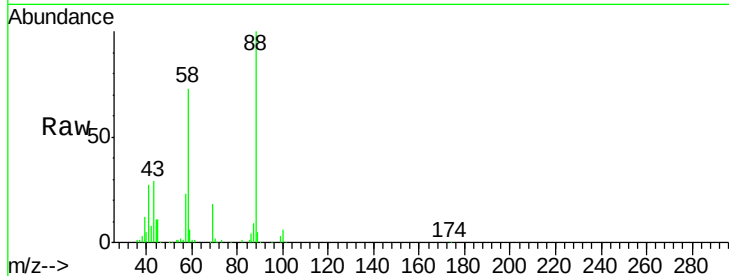
#49
1,4-Dioxane
Concen: 391.868 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	73.2	53.0	79.4

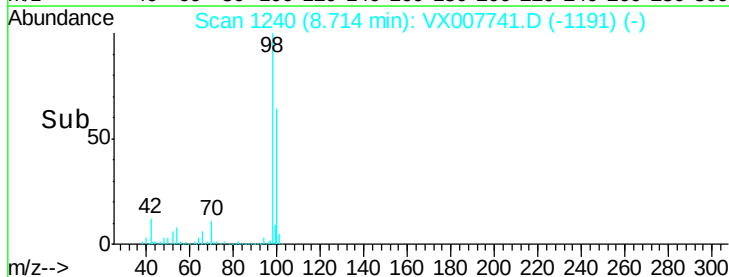
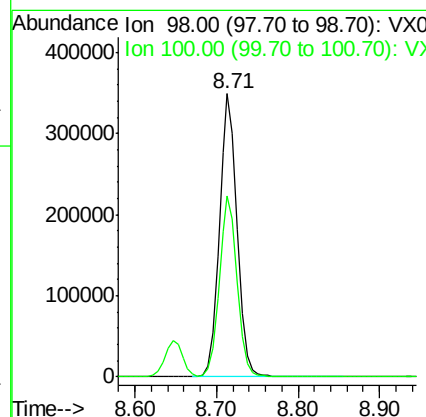
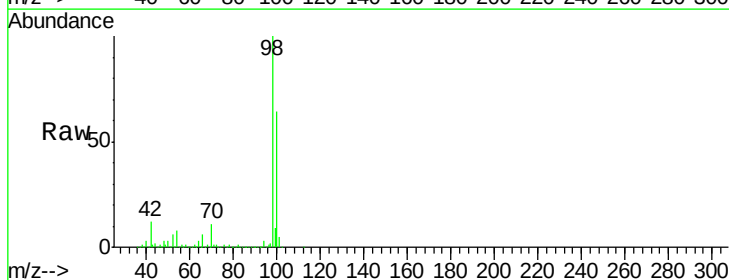
Manual Integrations
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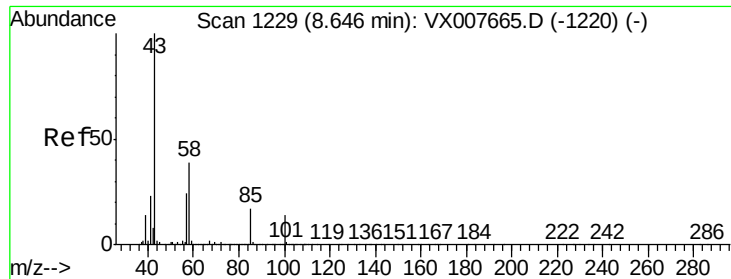
MMDadoda
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#50
Toluene-d8
Concen: 47.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





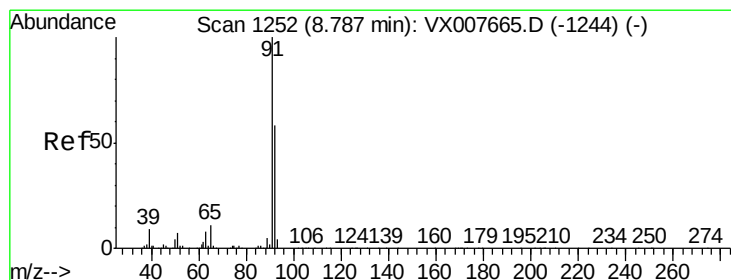
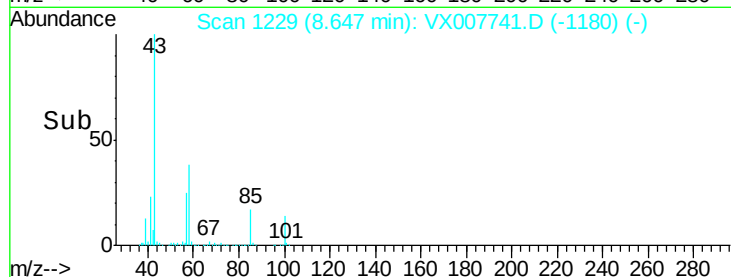
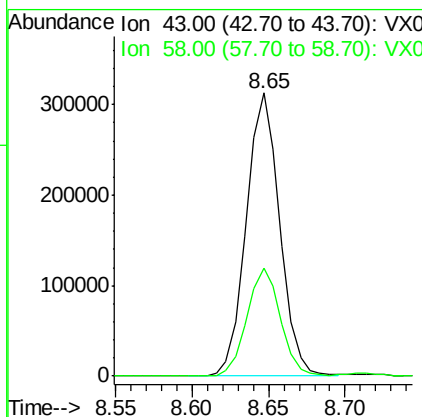
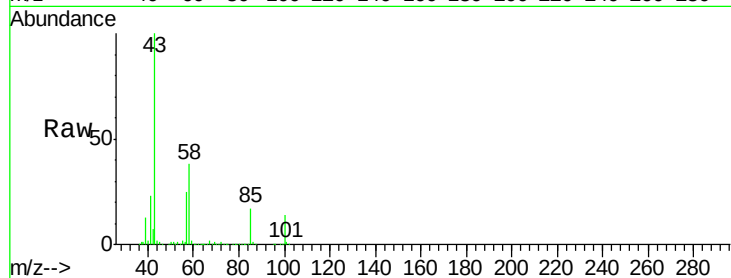
#51
4-Methyl-2-Pentanone
Concen: 105.819 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampled :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.2	46.8

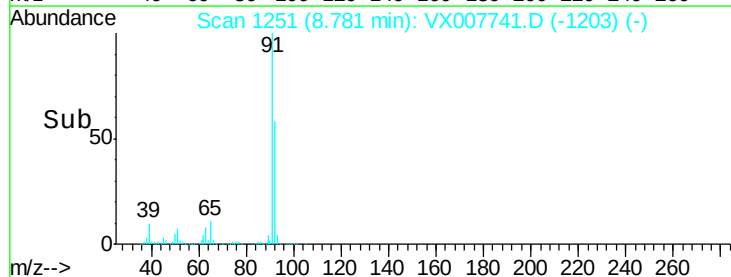
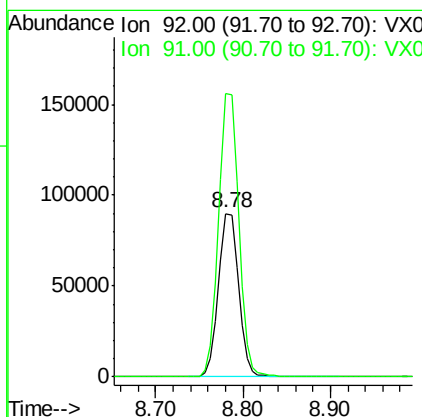
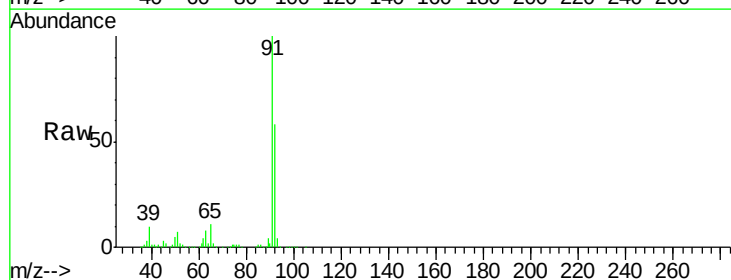
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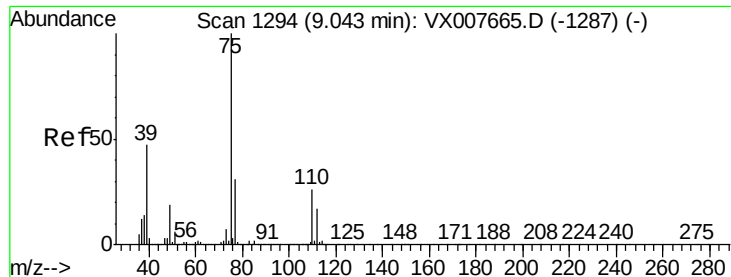
MMDadoda
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#52
Toluene
Concen: 18.833 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.1	208.7





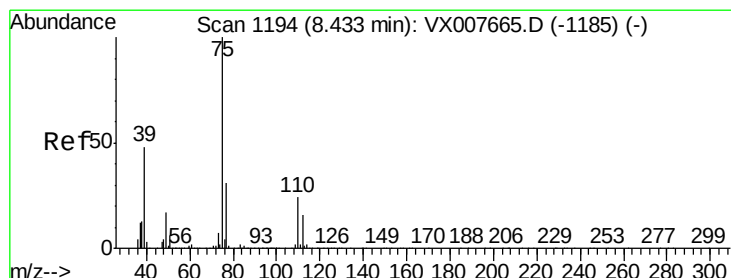
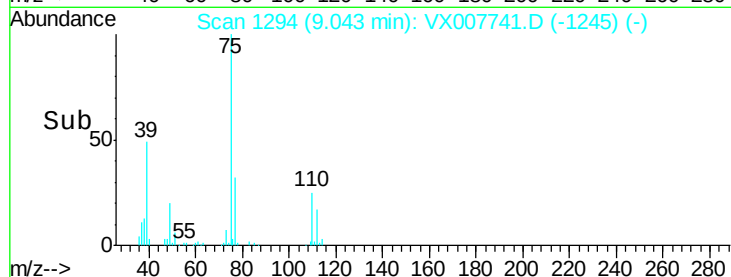
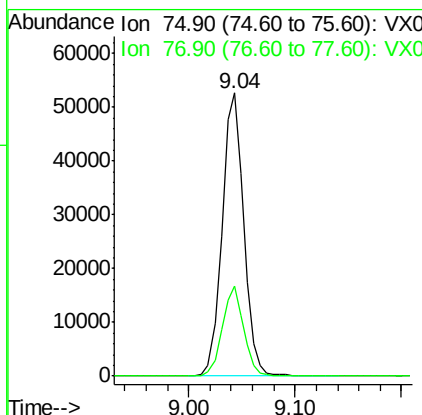
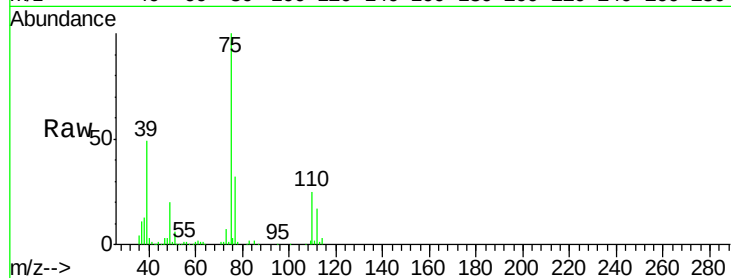
#53
 t-1,3-Dichloropropene
 Concen: 17.744 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8

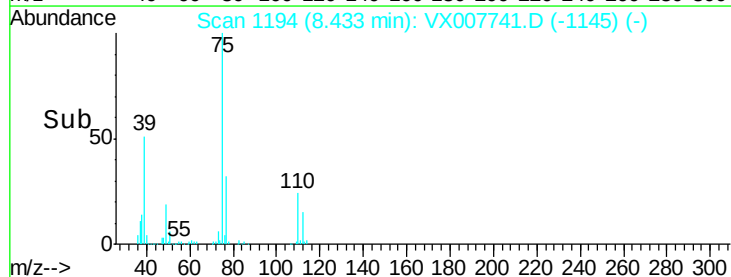
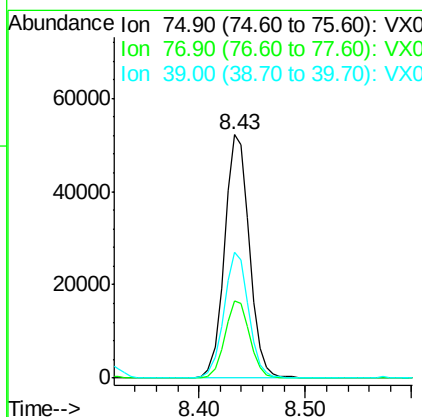
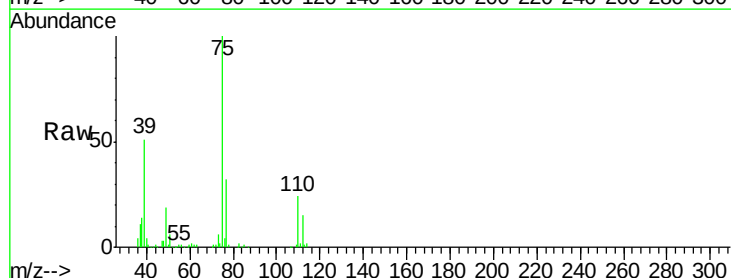
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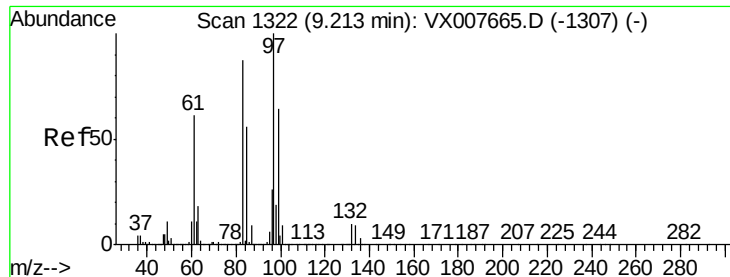
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#54
 cis-1,3-Dichloropropene
 Concen: 18.456 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.2	39.4
39	51.3	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 19.055 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

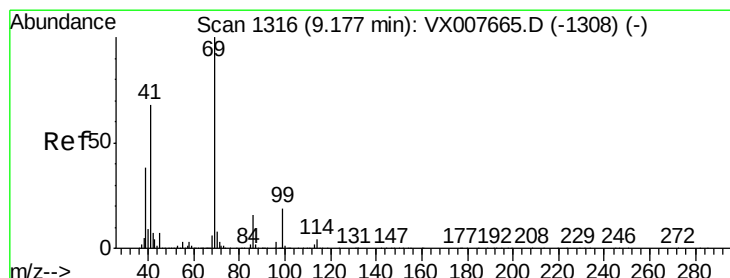
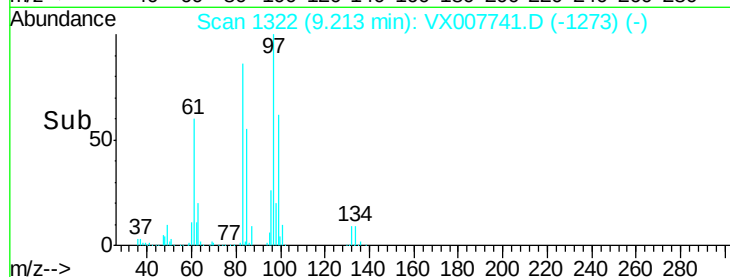
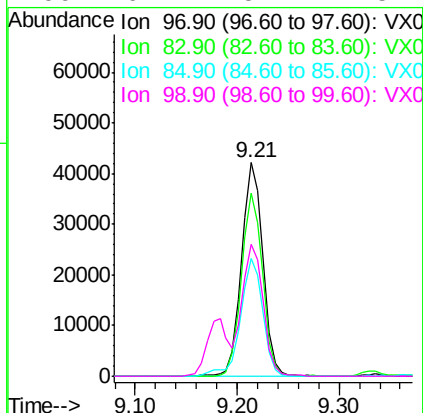
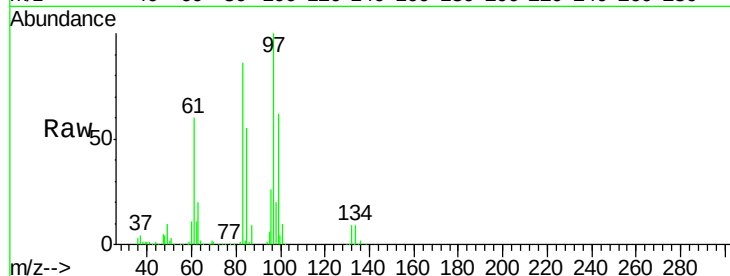
ClientSampleId :

VX0227WBSD01

Tot Ion:	97	Resp:	60716
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	102.8
85	55.3	44.5	66.7
99	61.7	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.666 ug/l

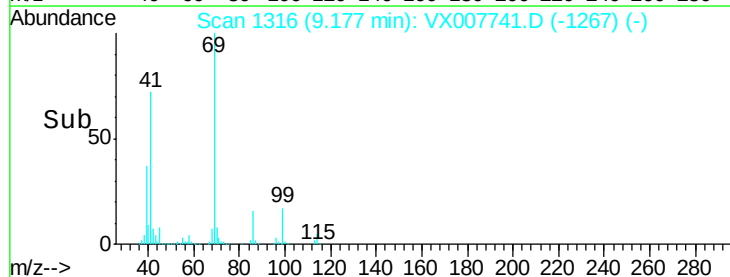
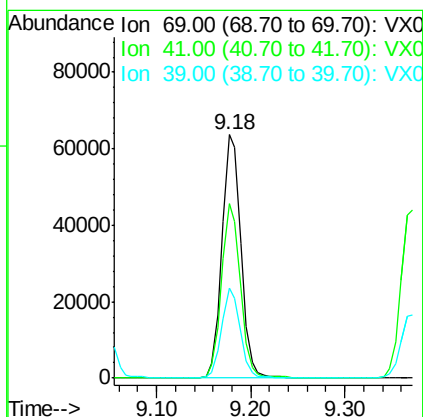
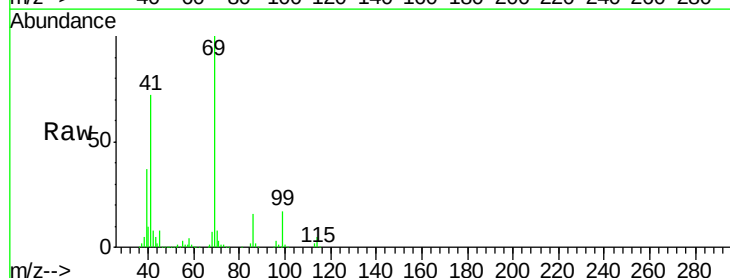
RT: 9.18 min Scan# 1316

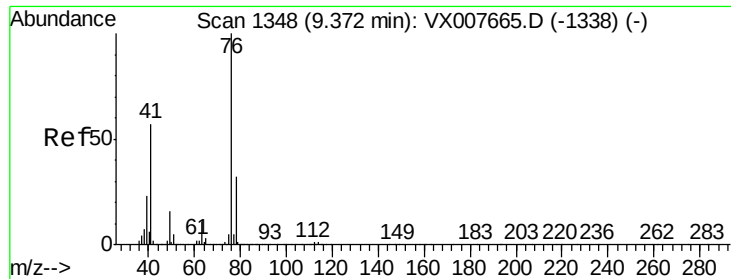
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	69	Resp:	89111
Ion	Ratio	Lower	Upper
69	100		
41	70.7	52.1	78.1
39	36.0	30.1	45.1





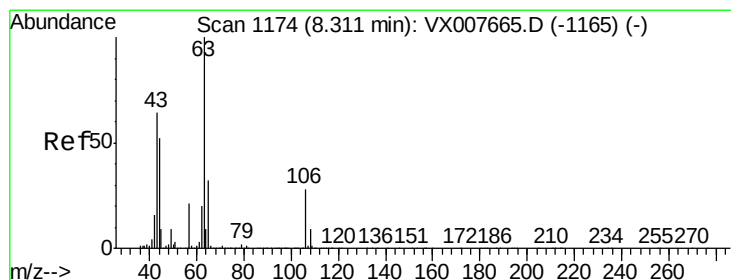
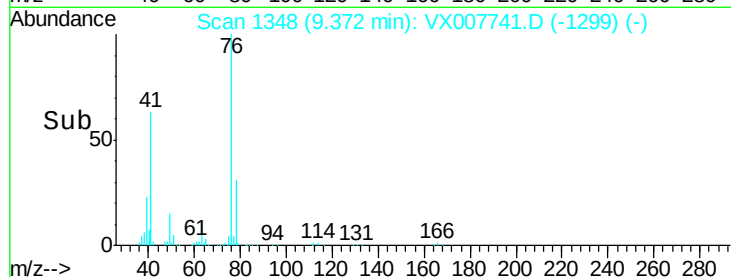
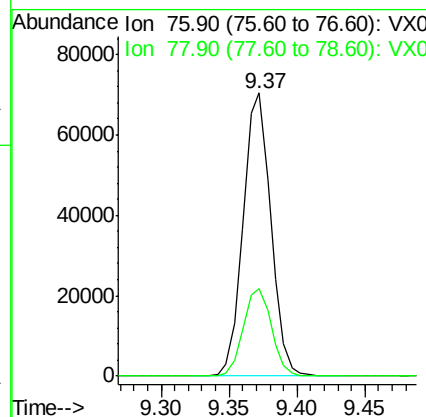
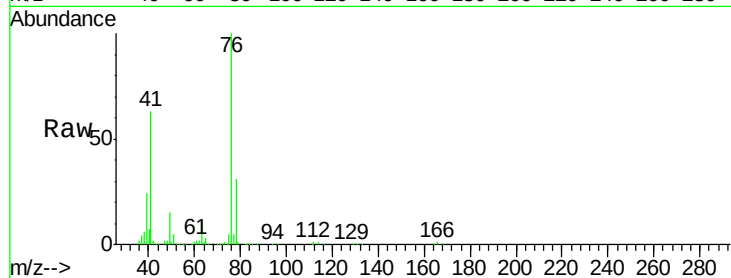
#57
 1,3-Dichloropropane
 Concen: 19.614 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

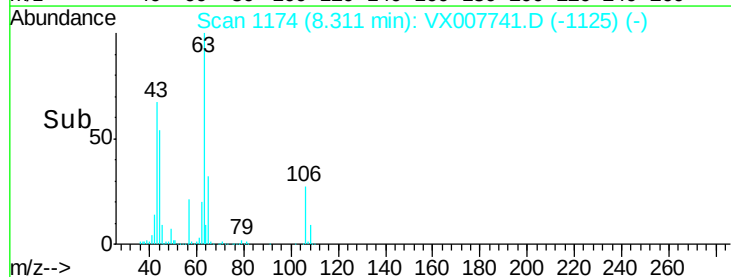
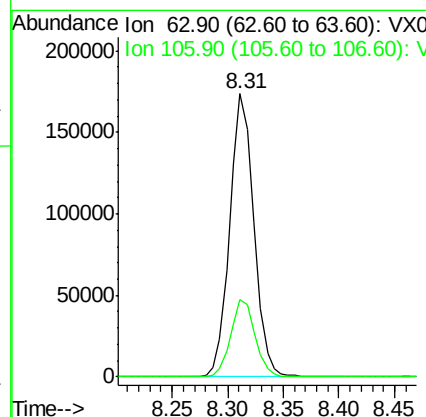
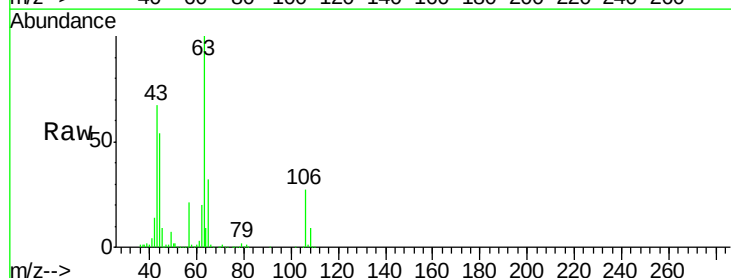
Manual Integrations
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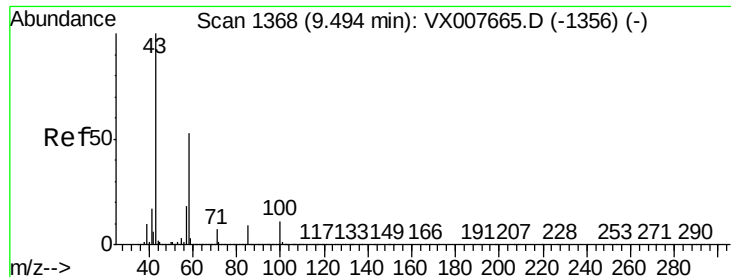
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.306 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	23.6	35.4





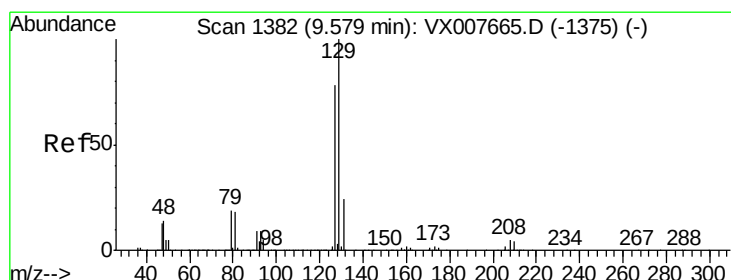
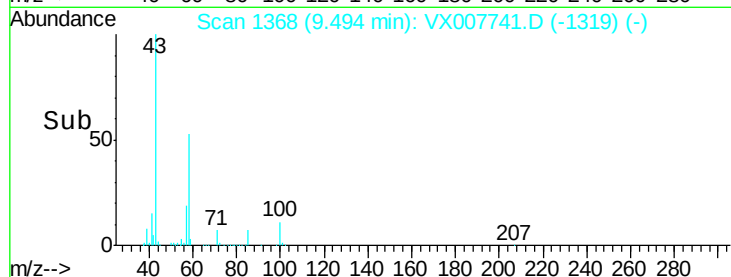
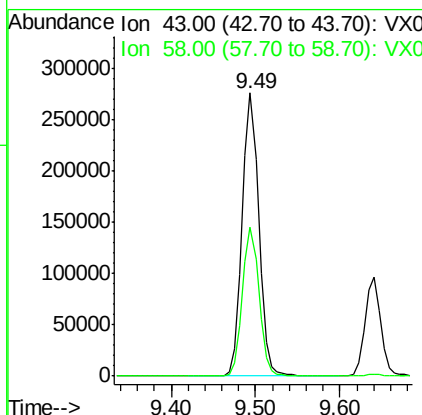
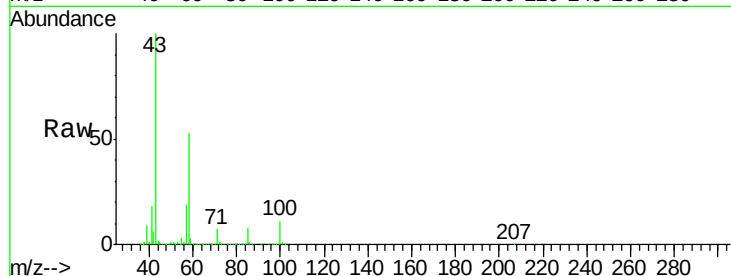
#59
2-Hexanone
Concen: 102.800 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion: 43 Resp: 362560
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3

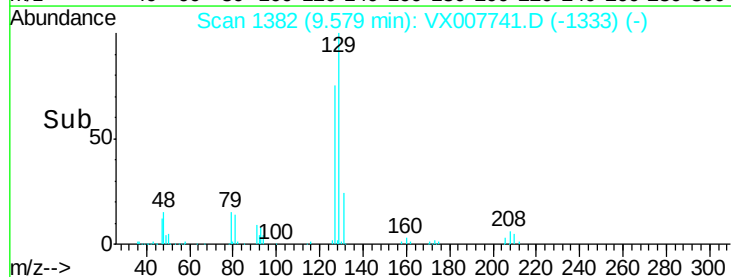
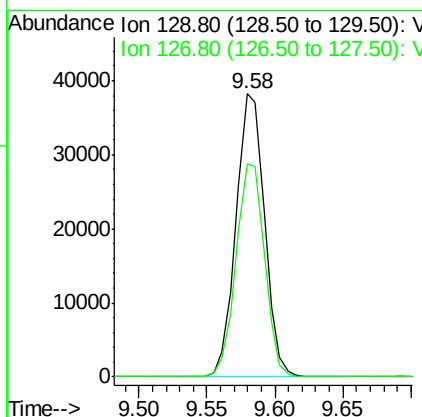
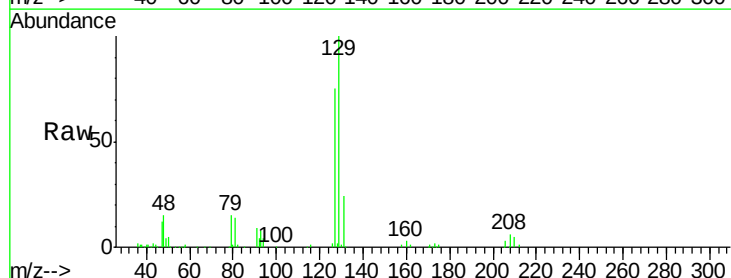
Manual Integrations
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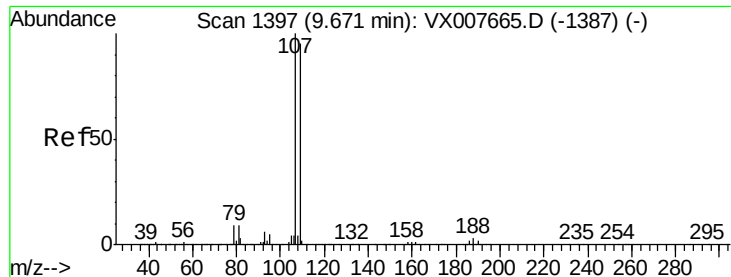
MMDadoda
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#60
Dibromochloromethane
Concen: 18.243 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion: 129 Resp: 55933
Ion Ratio Lower Upper
129 100
127 75.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.966 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion: 107 Resp: 62747

Ion Ratio Lower Upper

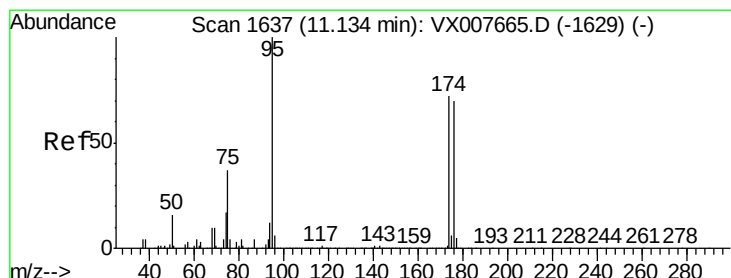
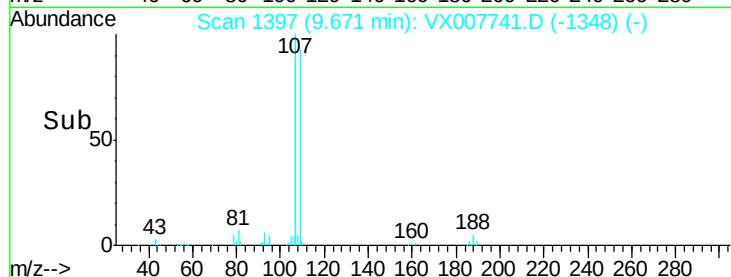
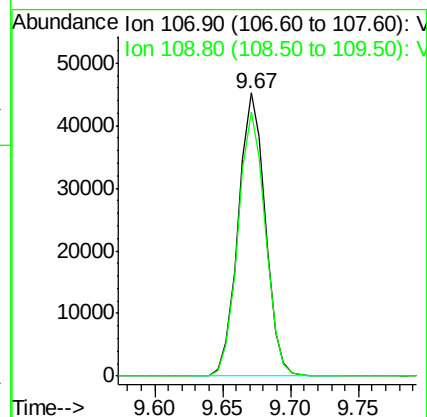
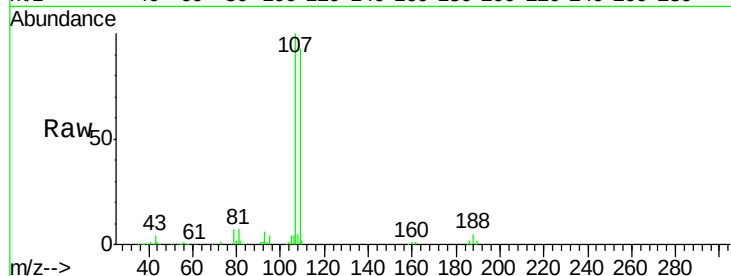
107 100

109 94.2 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.375 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

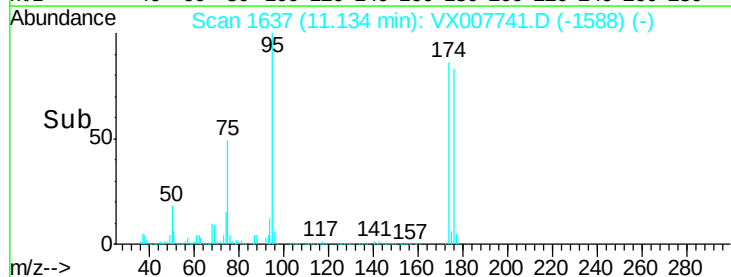
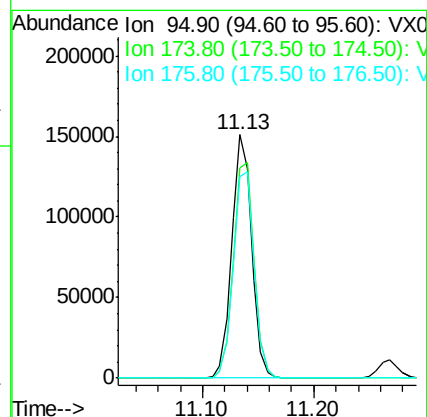
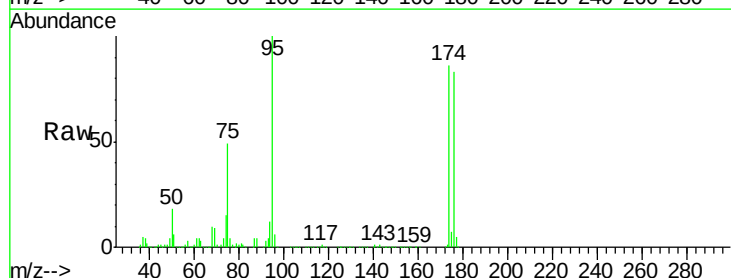
Tgt Ion: 95 Resp: 186093

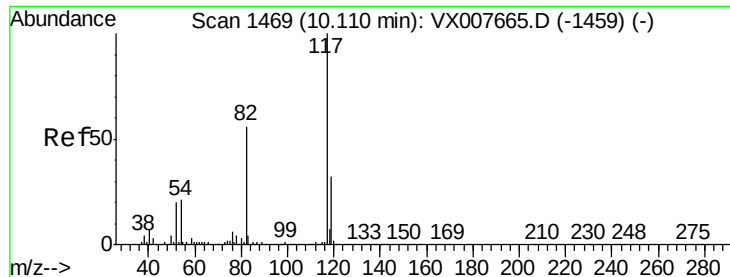
Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 88.8 0.0 186.2





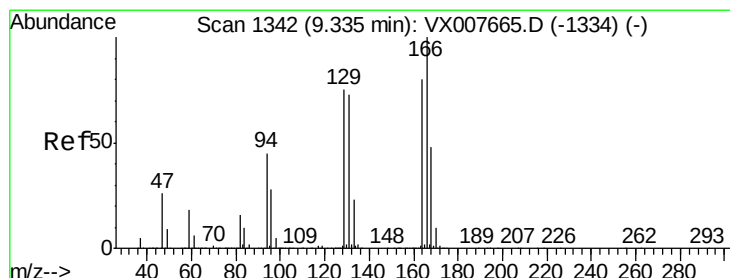
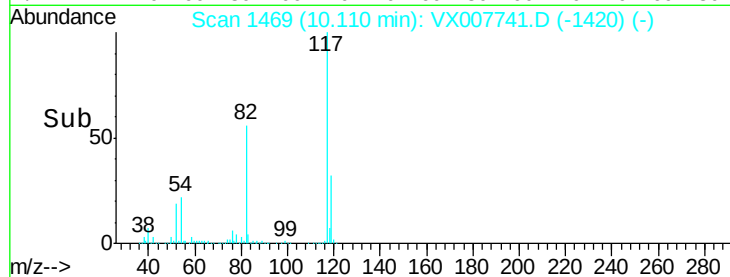
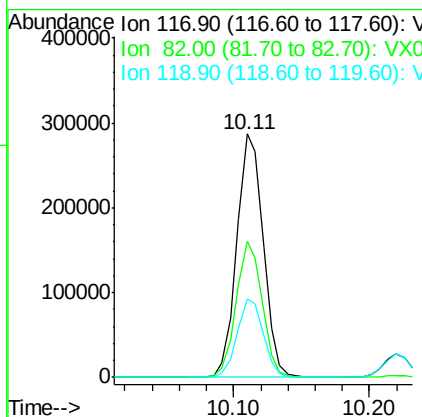
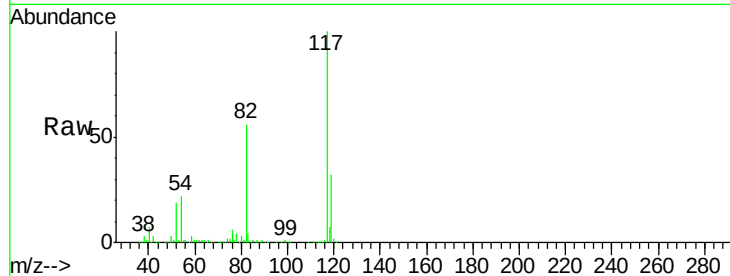
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388429		
82	55.8	42.1	63.1	
119	32.1	26.5	39.7	

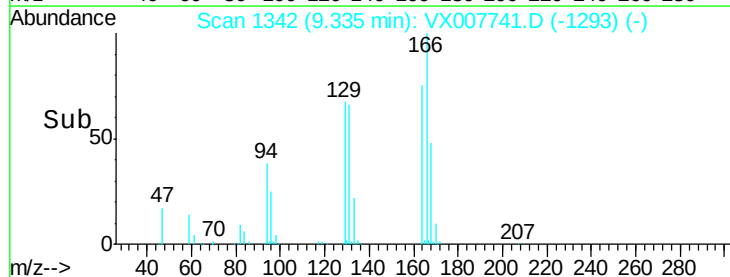
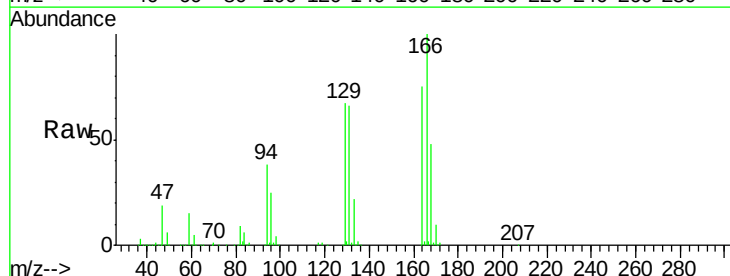
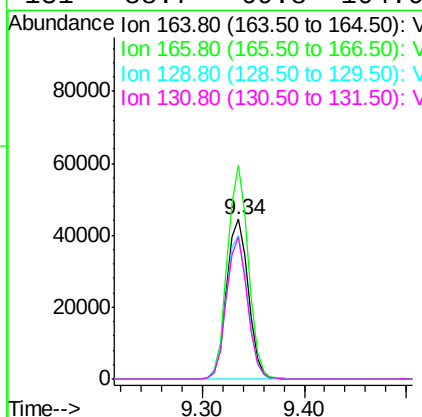
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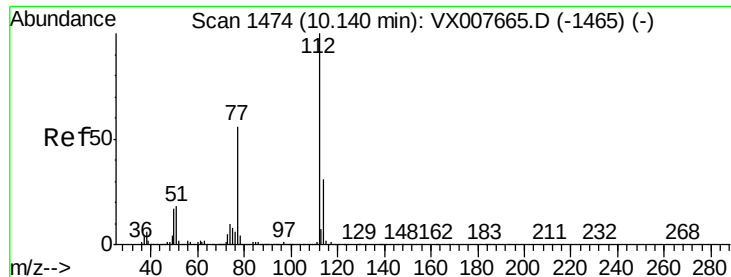
MMDadoda
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#64
Tetrachloroethene
Concen: 20.630 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65052		
166	133.7	101.0	151.4	
129	89.8	70.5	105.7	
131	88.7	69.8	104.6	





#65

Chlorobenzene

Concen: 18.889 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion:112 Resp: 158689

Ion Ratio Lower Upper

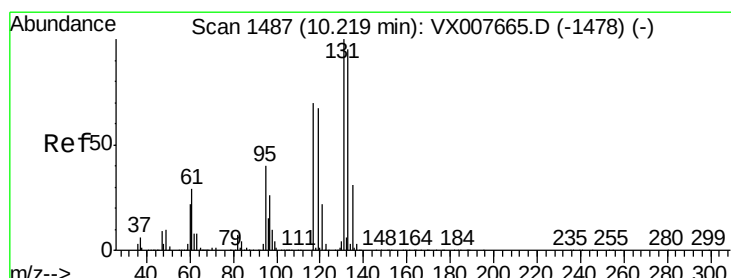
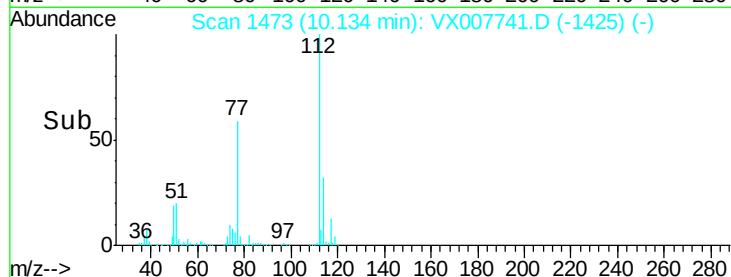
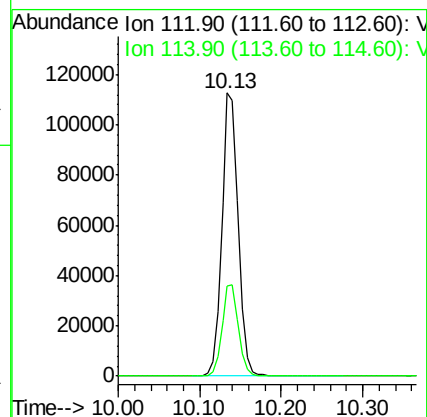
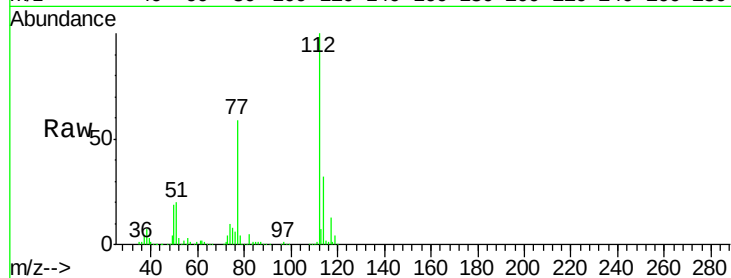
112 100

114 31.8 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.119 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

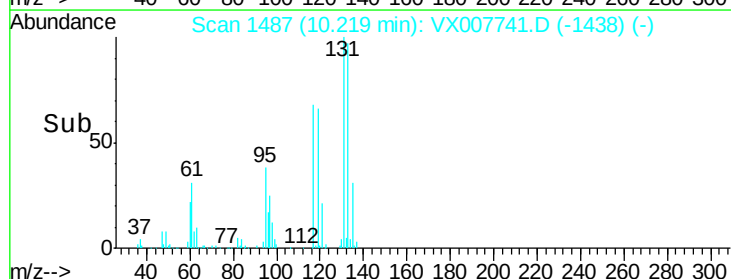
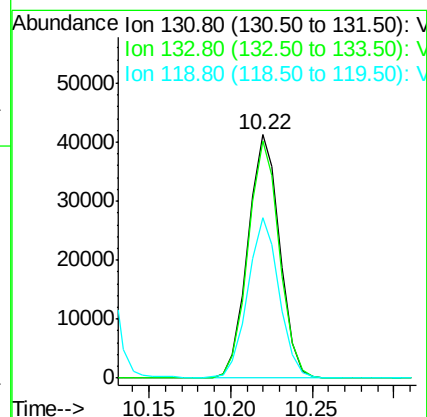
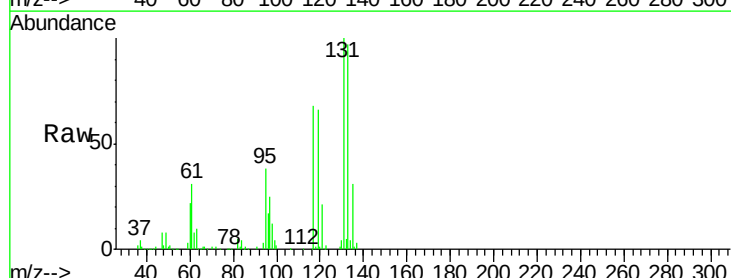
Tgt Ion:131 Resp: 56026

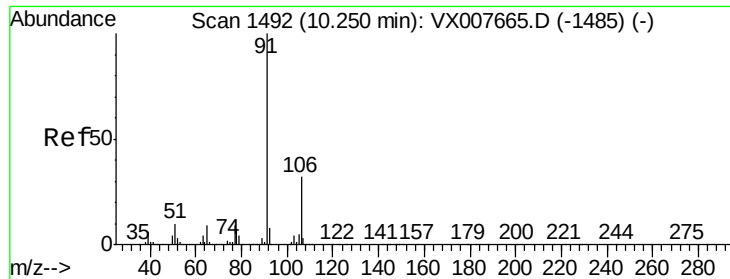
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

119 65.2 32.0 96.0





#67

Ethyl Benzene

Concen: 18.992 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

VX0227WBSD01

Tot Ion: 91 Resp: 264300

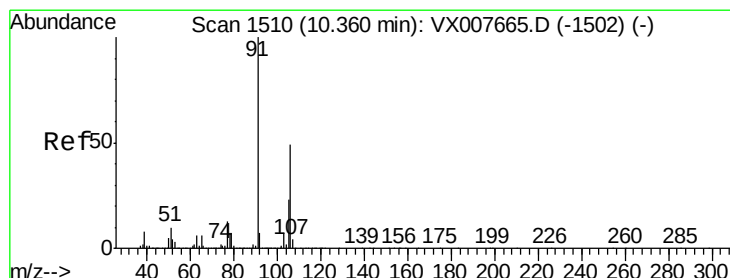
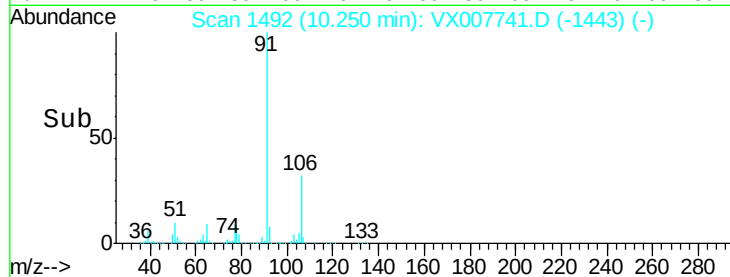
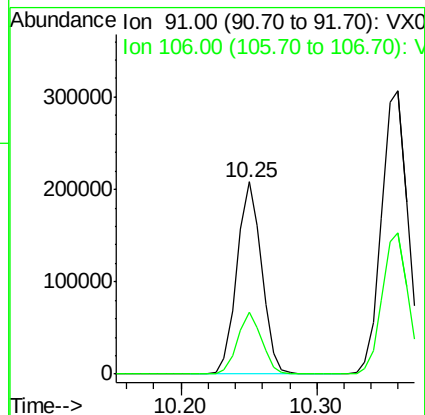
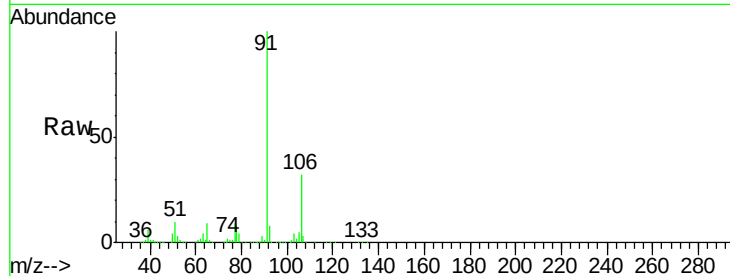
Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0

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#68

m/p-Xylenes

Concen: 37.451 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007741.D

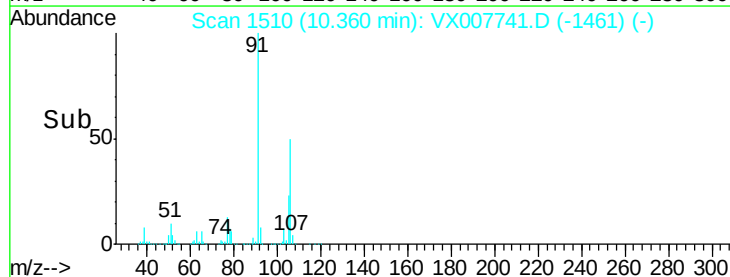
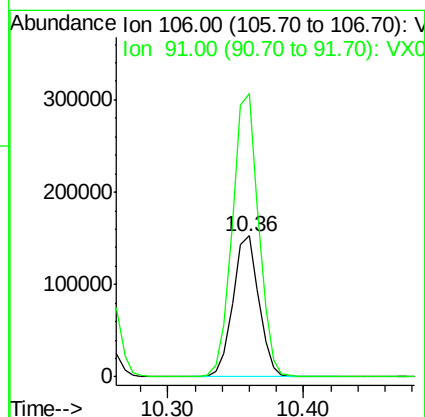
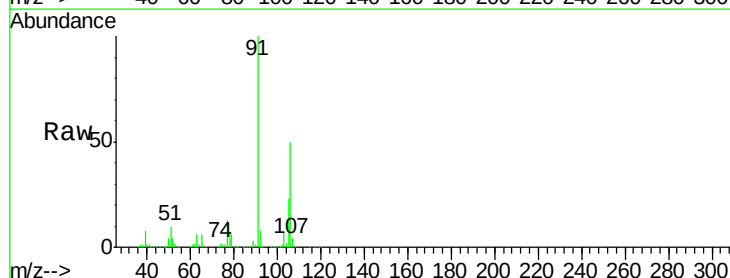
Acq: 27 Feb 2019 18:31

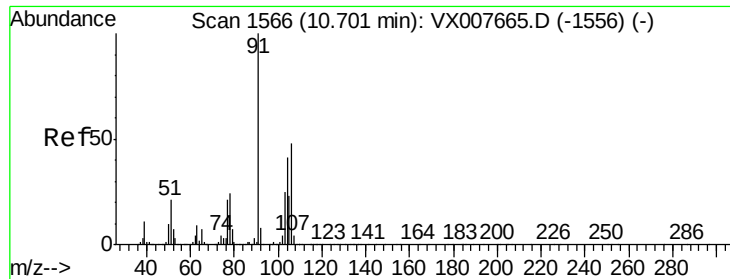
Tgt Ion: 106 Resp: 202762

Ion Ratio Lower Upper

106 100

91 203.2 156.6 234.8





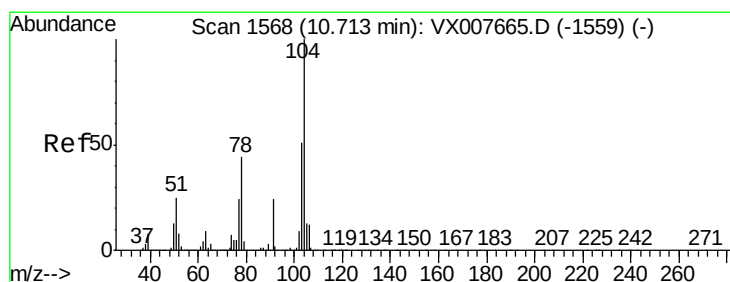
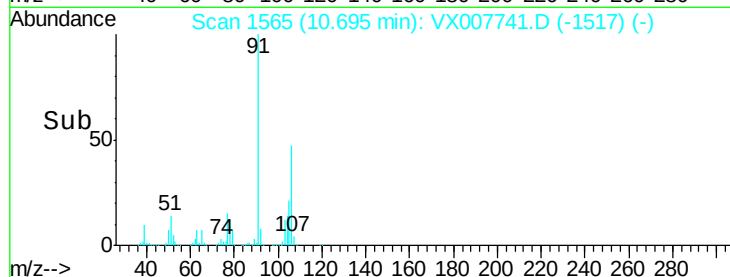
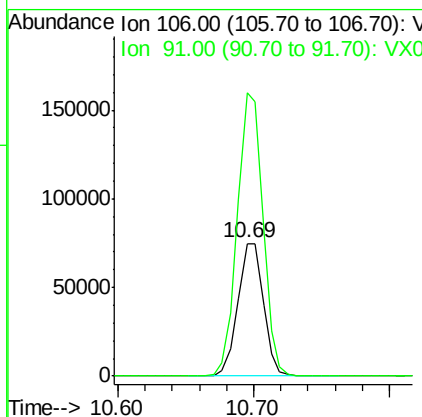
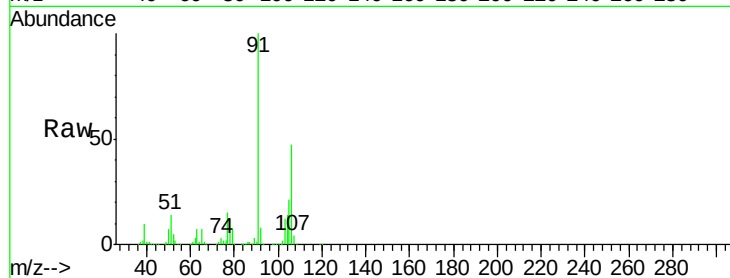
#69
o-Xylene
Concen: 18.897 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.2	102.9	308.7

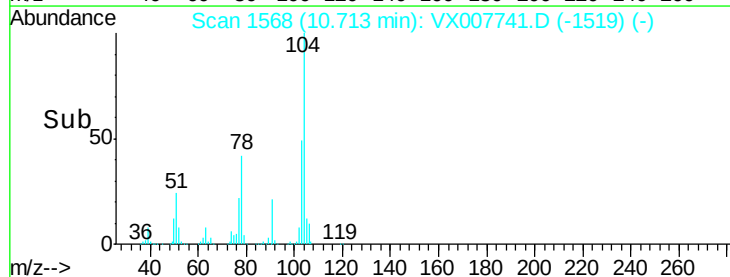
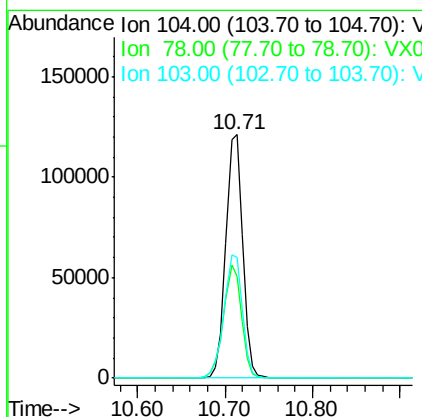
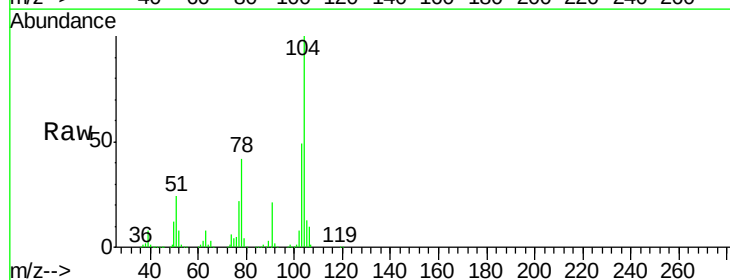
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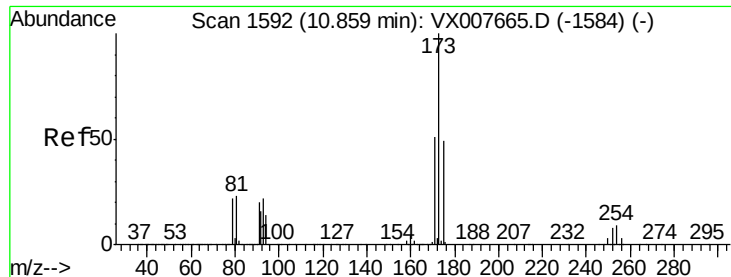
MMDadoda
2/28/2019 12:22:54 PM



#70
Styrene
Concen: 19.002 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.3	57.5
103	54.8	44.6	67.0





#71

Bromoform

Concen: 18.717 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

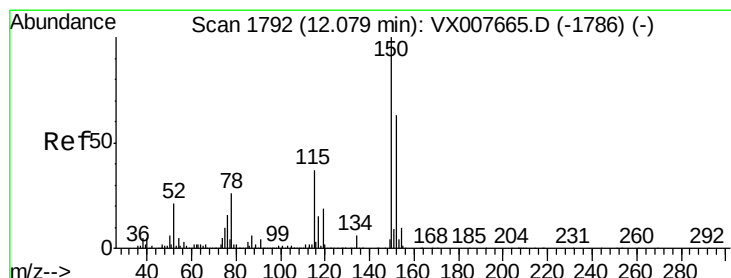
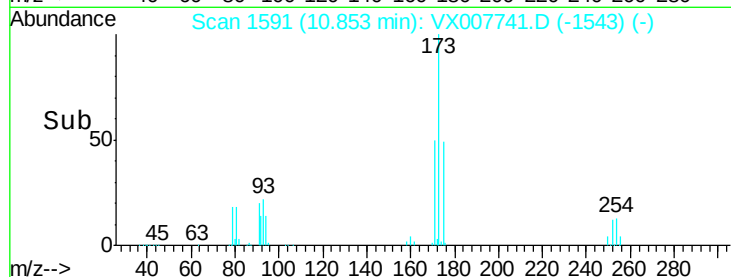
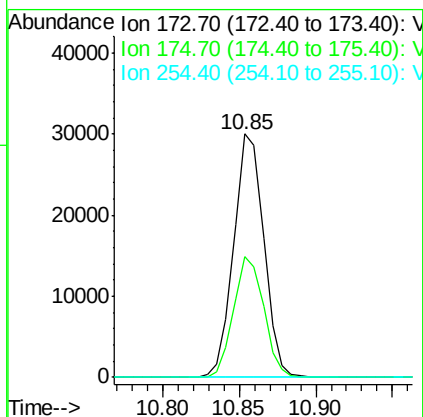
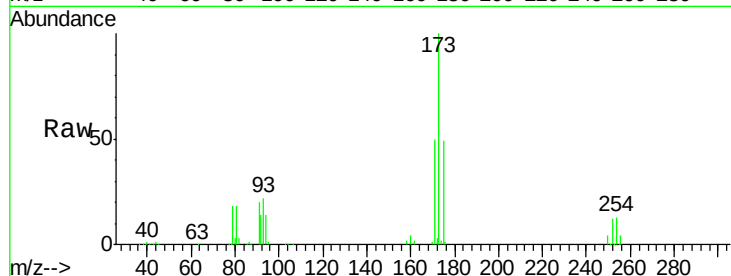
ClientSampleId :

VX0227WBSD01

Tot Ion:	173	Resp:	41131
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.2	72.6
254	0.1	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

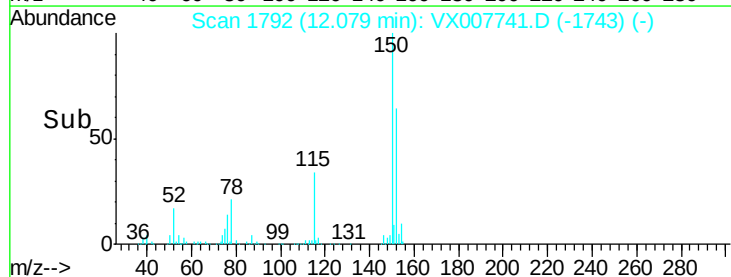
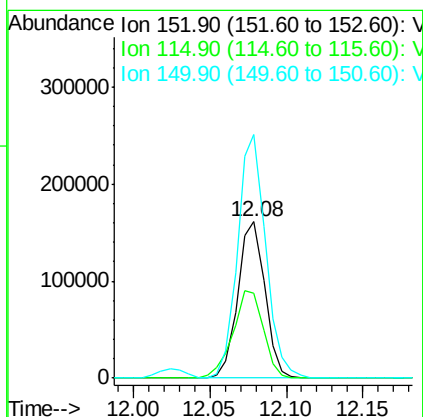
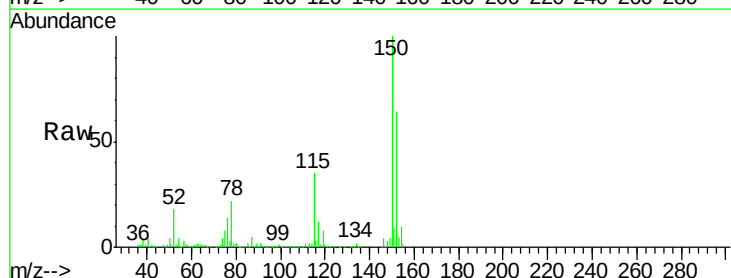
RT: 12.08 min Scan# 1792

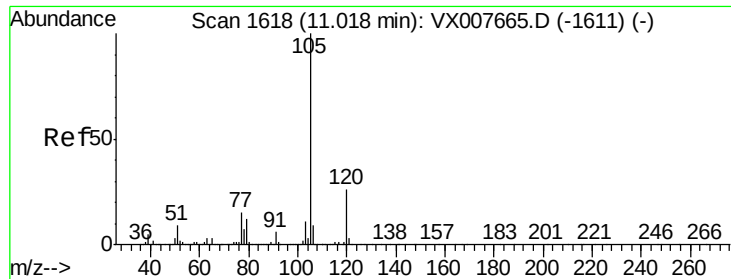
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	152	Resp:	197357
Ion Ratio	Lower	Upper	
152	100		
115	63.5	38.0	114.0
150	161.8	0.0	346.4





#73

Isopropylbenzene

Concen: 18.679 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion:105 Resp: 263473

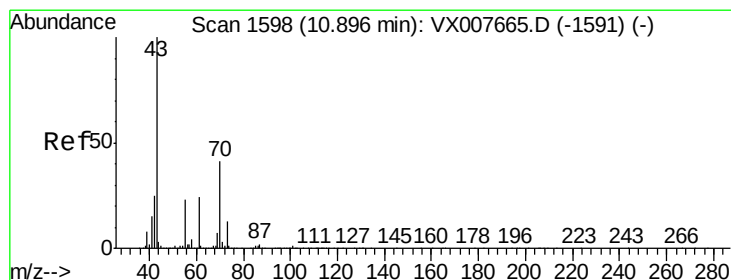
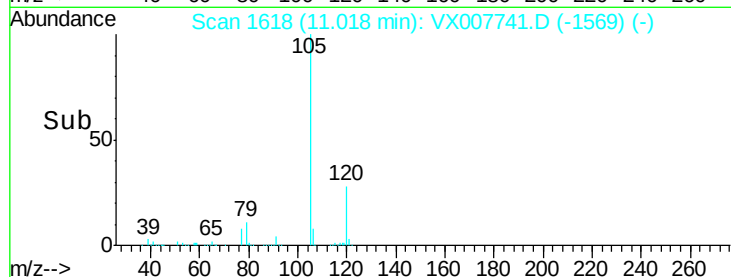
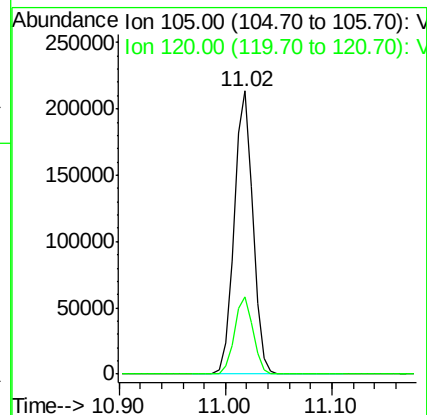
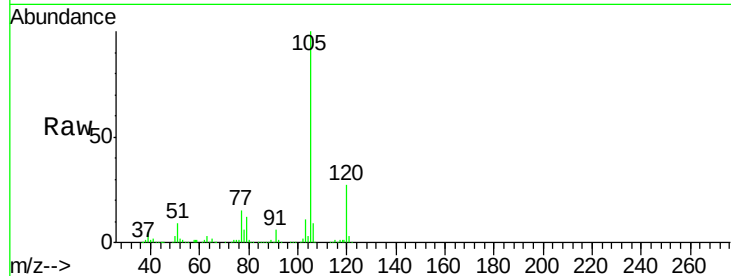
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.545 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion: 43 Resp: 119718

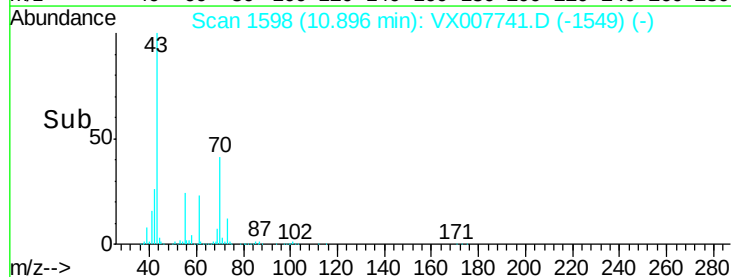
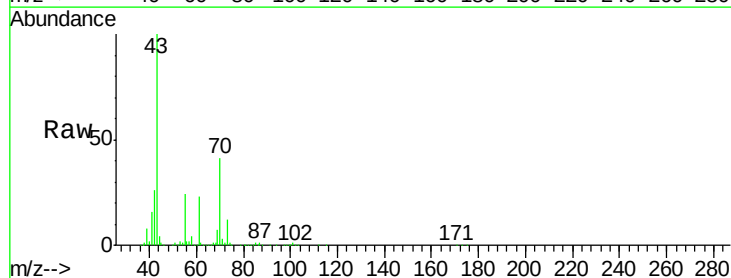
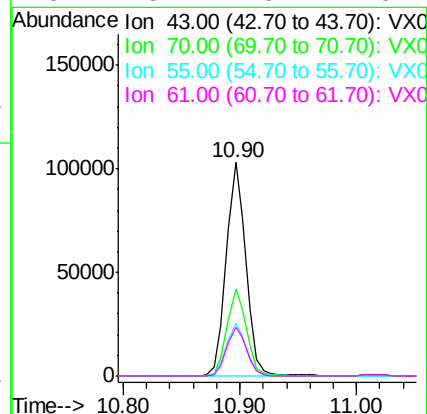
Ion Ratio Lower Upper

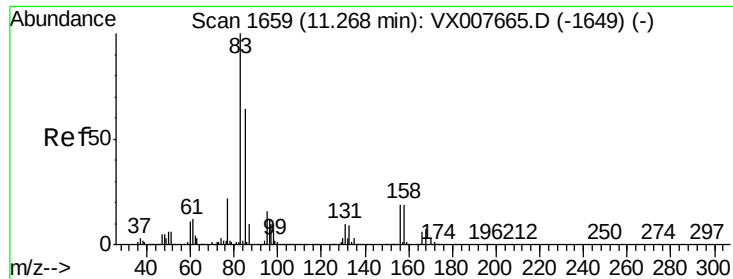
43 100

70 40.7 33.8 50.6

55 25.5 19.5 29.3

61 23.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.228 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

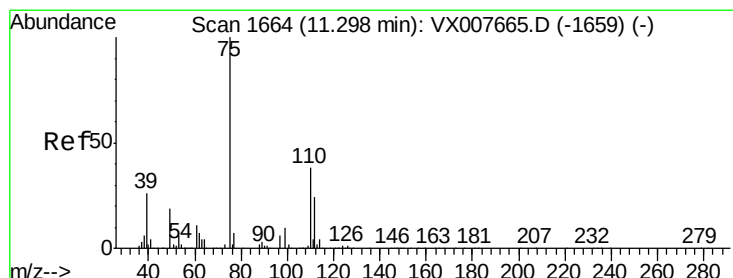
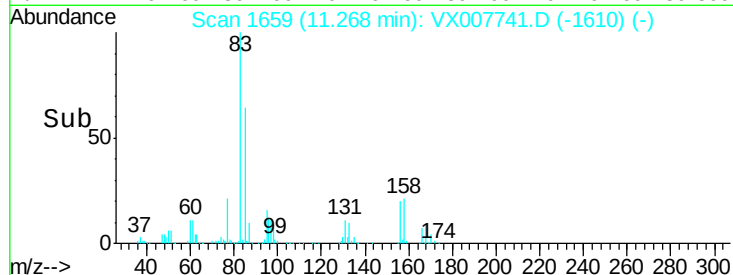
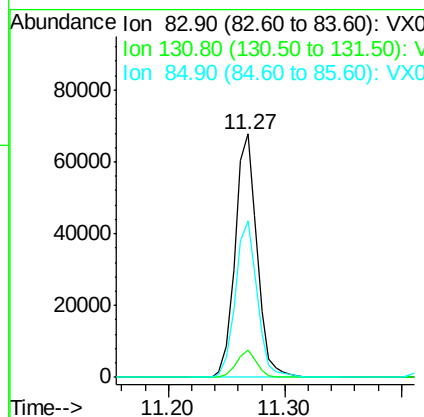
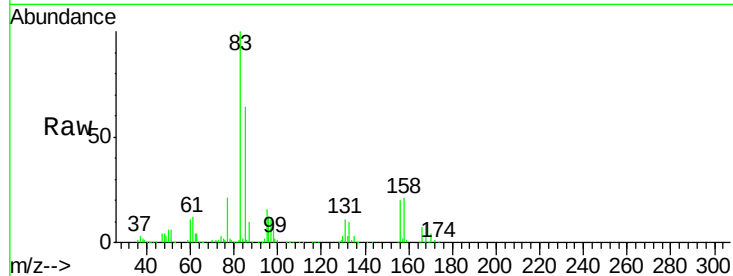
ClientSampleId :

VX0227WBSD01

Tot Ion:	83	Resp:	88925
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	64.3	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.158 ug/l m

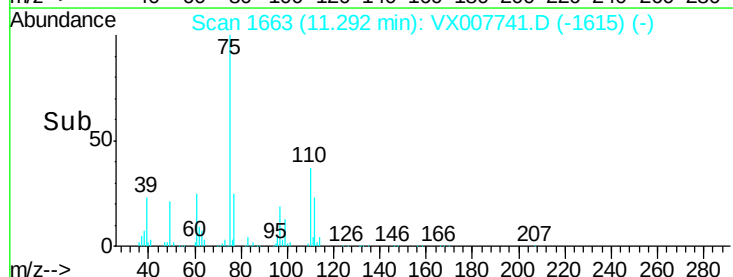
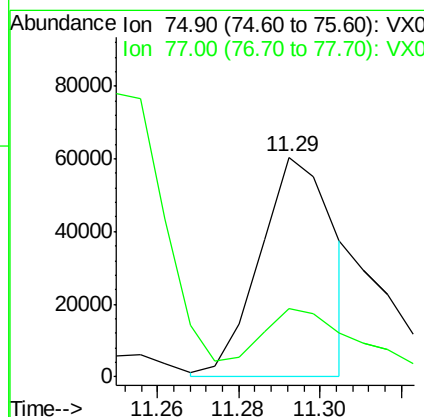
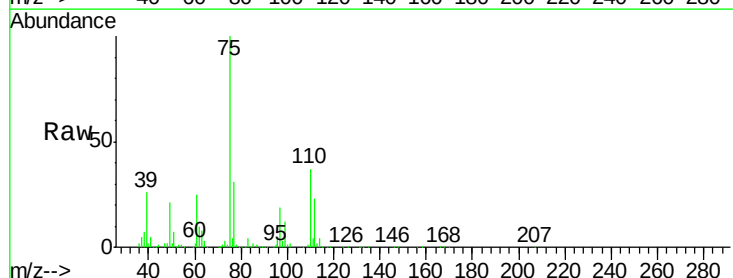
RT: 11.29 min Scan# 1663

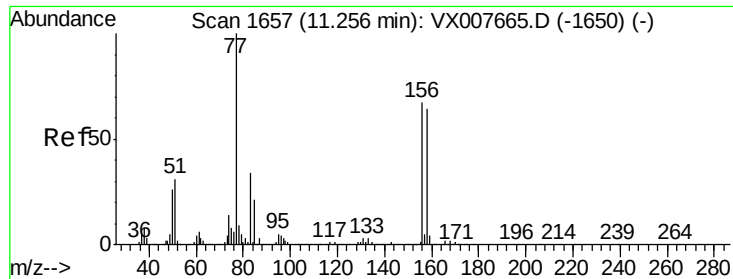
Delta R.T. -0.01 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	75	Resp:	76385
Ion Ratio	Lower	Upper	
75	100		
77	42.5	23.0	69.0





#77

Bromobenzene

Concen: 20.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion:156 Resp: 70936

Ion Ratio Lower Upper

156 100

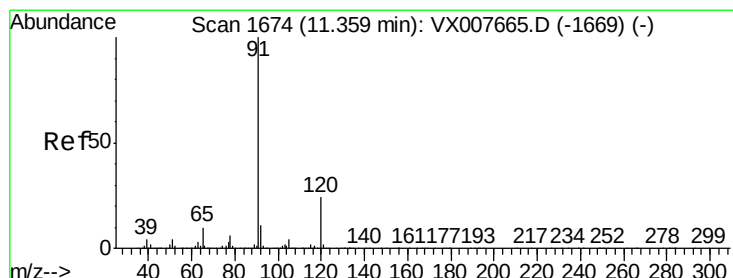
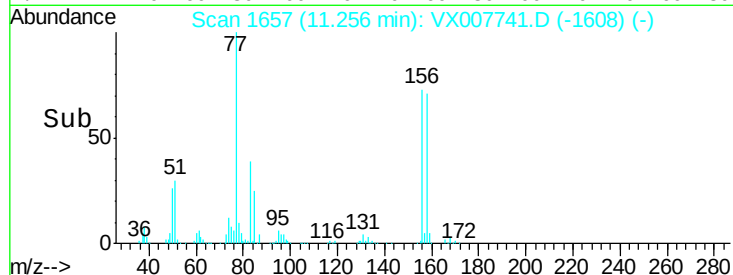
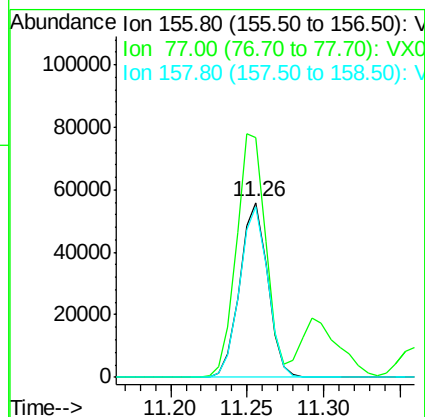
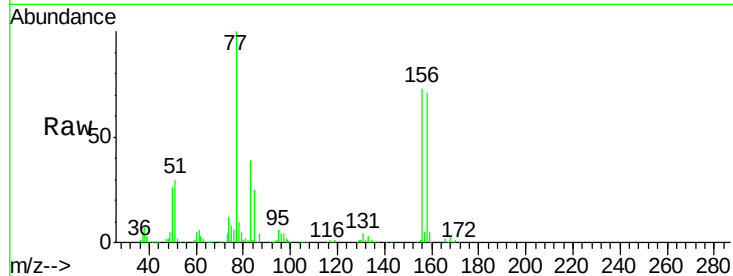
77 145.7 66.8 200.6

158 98.3 47.9 143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.403 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007741.D

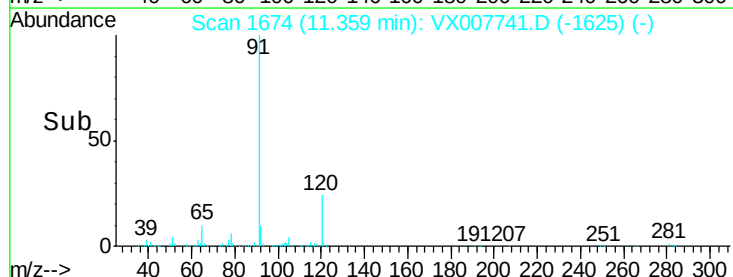
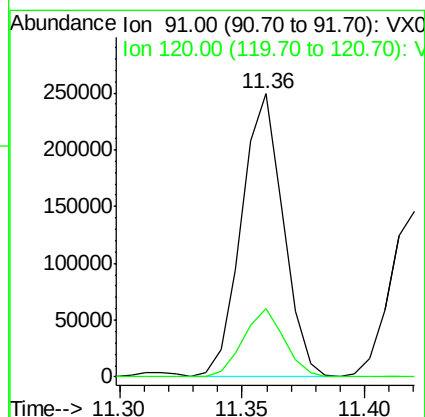
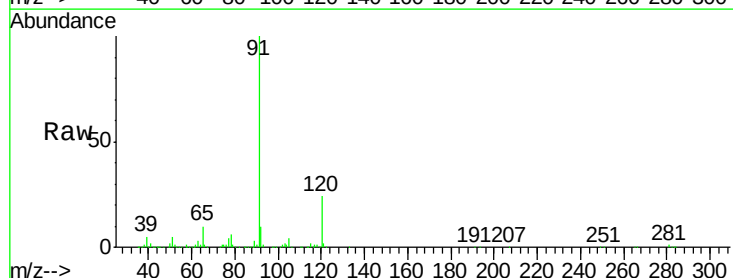
Acq: 27 Feb 2019 18:31

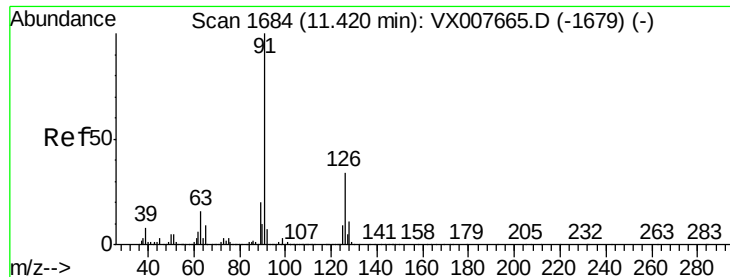
Tgt Ion: 91 Resp: 293326

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 18.579 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion: 91 Resp: 178308

Ion Ratio Lower Upper

91 100

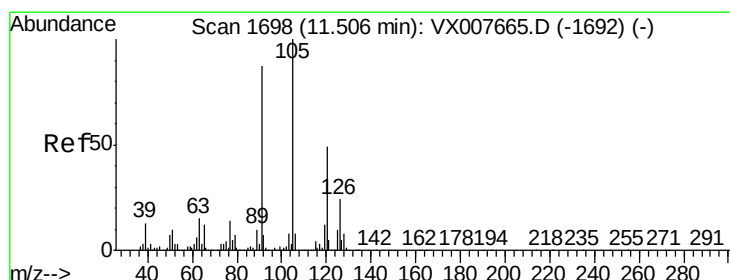
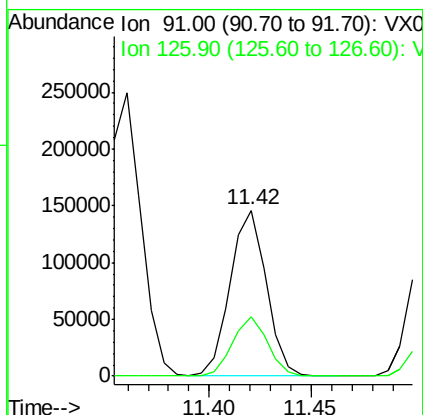
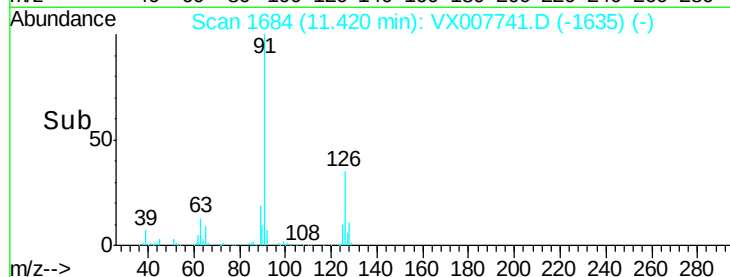
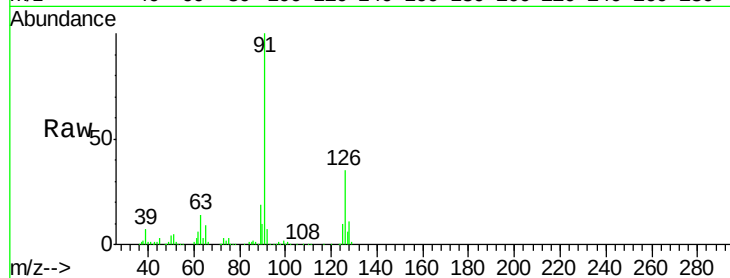
126 35.0 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.917 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007741.D

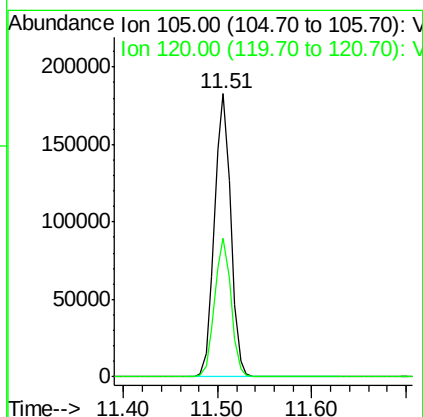
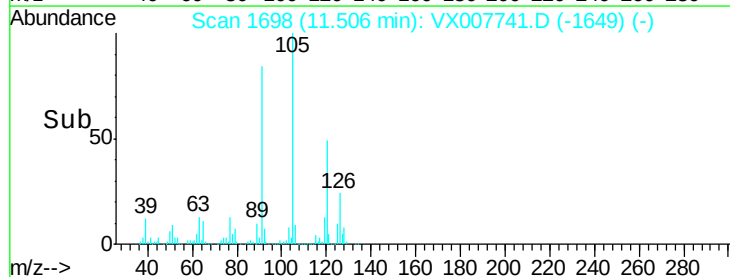
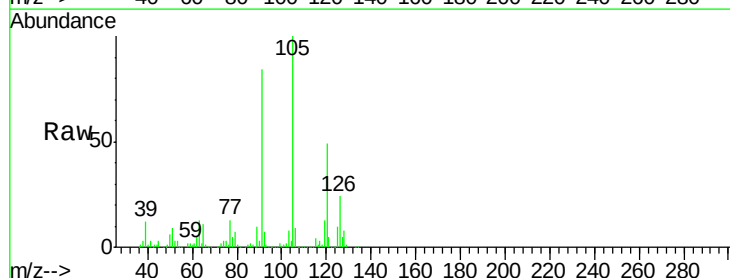
Acq: 27 Feb 2019 18:31

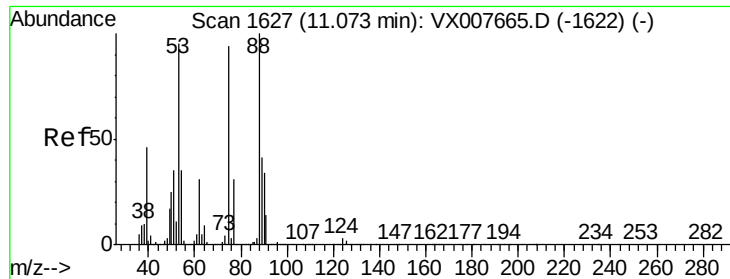
Tgt Ion: 105 Resp: 219486

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.8





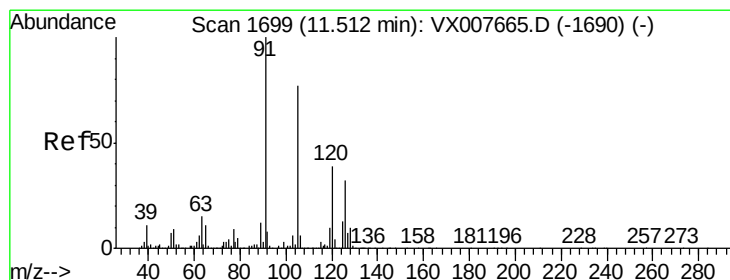
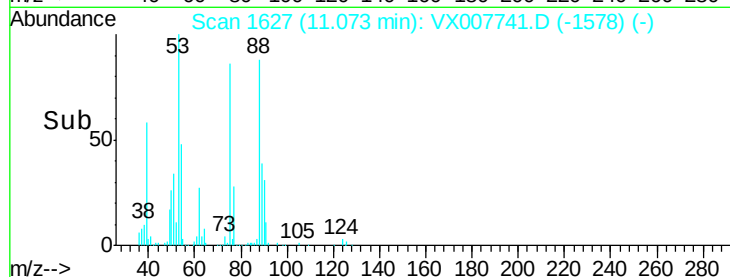
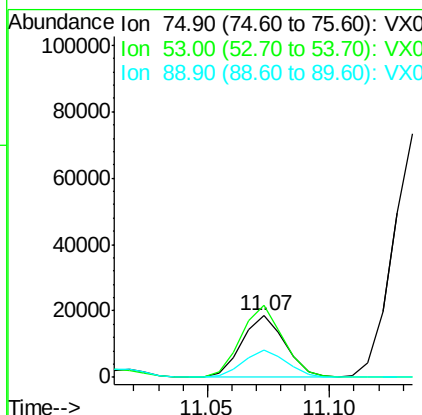
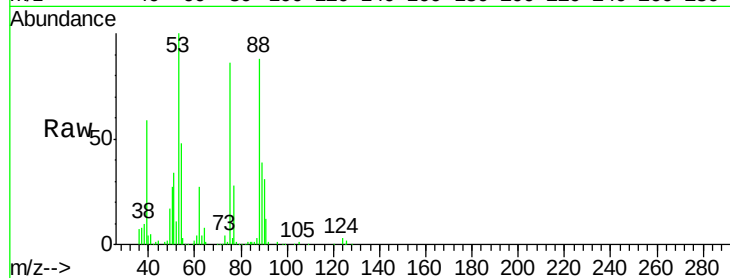
#81
trans-1,4-Dichloro-2-butene
Concen: 16.633 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.7	81.0	121.6
89	45.1	41.4	62.0

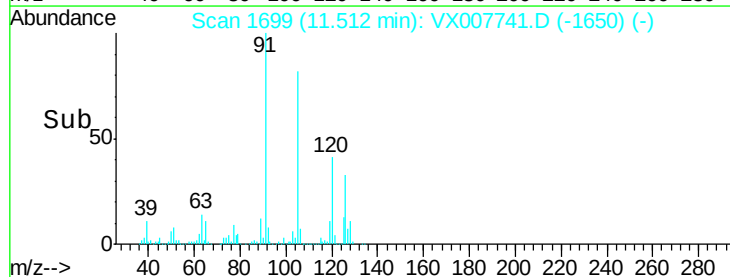
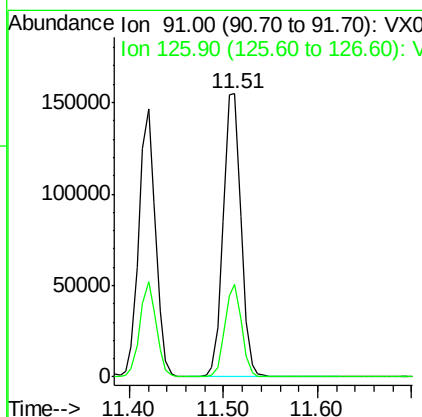
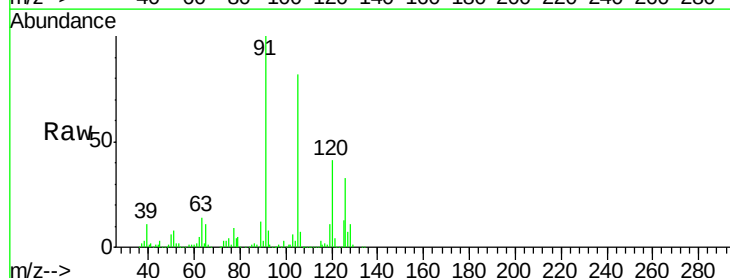
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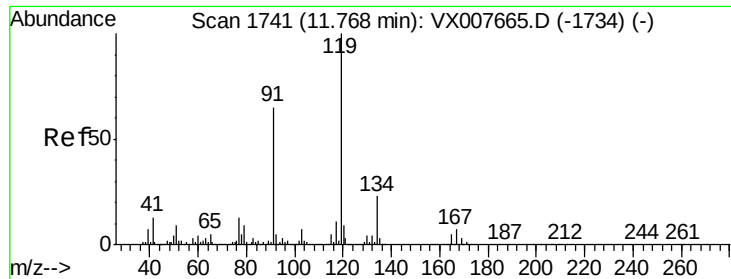
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.098 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 18.894 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

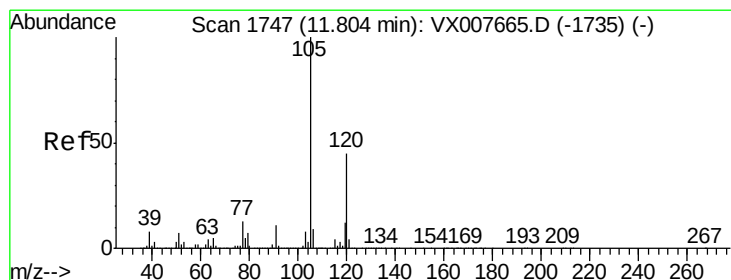
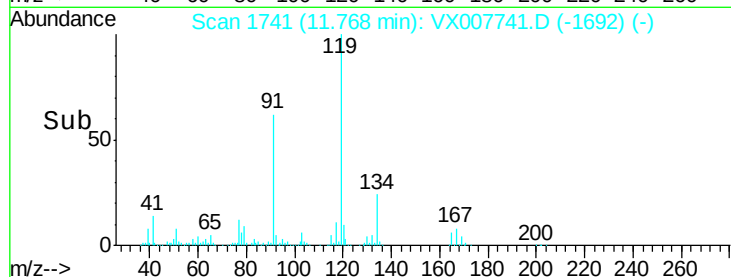
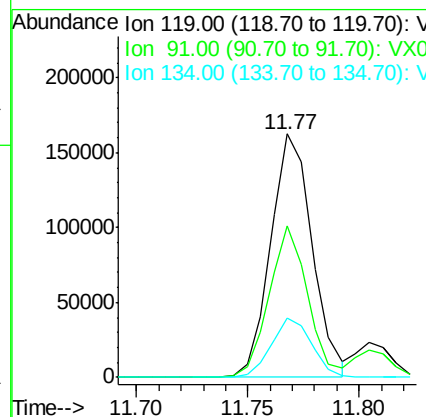
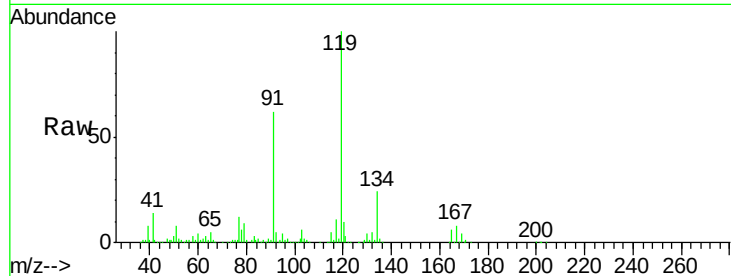
ClientSampleId :

VX0227WBSD01

Tot Ion:	119	Resp:	210474
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.5	85.6
134	23.7	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.922 ug/l

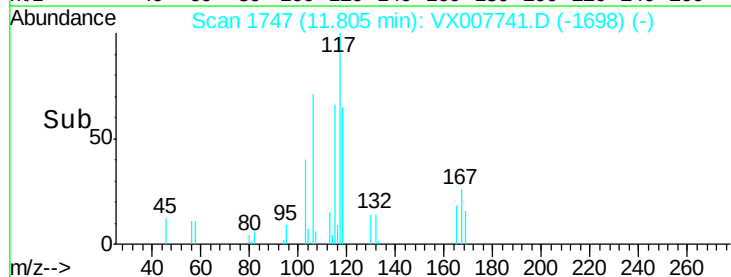
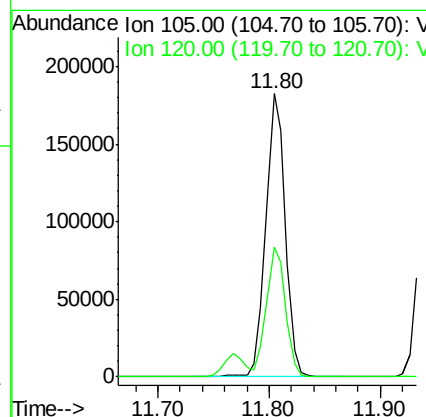
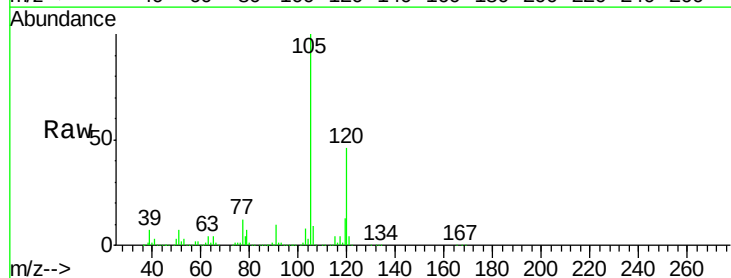
RT: 11.80 min Scan# 1747

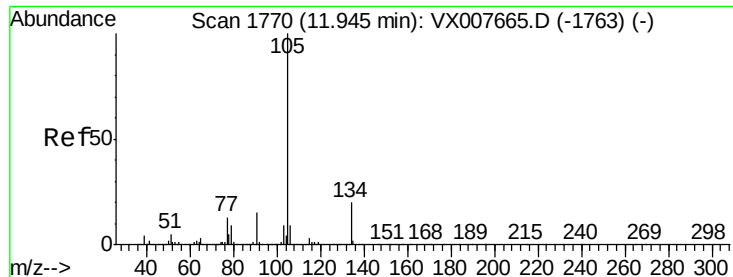
Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	105	Resp:	224563
Ion Ratio	Lower	Upper	
105	100		
120	45.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.442 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tot Ion:105 Resp: 257439

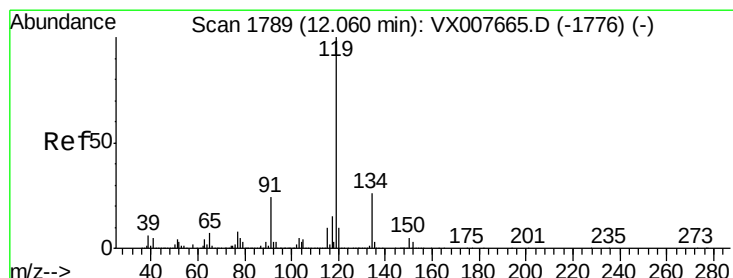
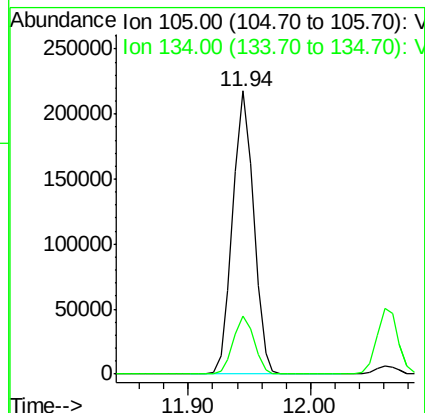
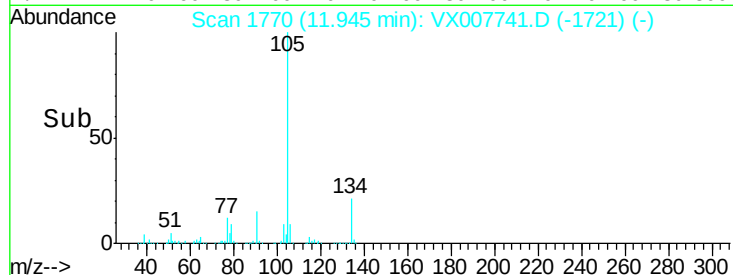
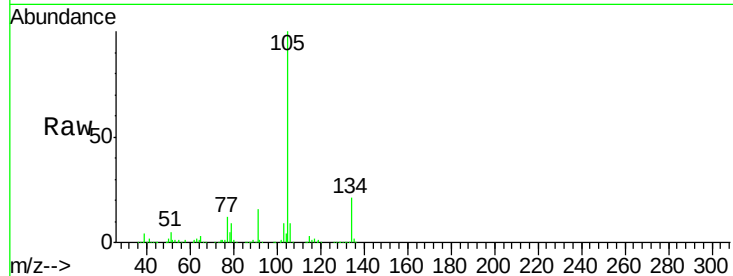
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 18.764 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

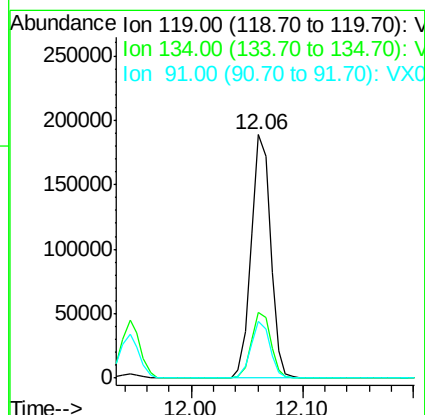
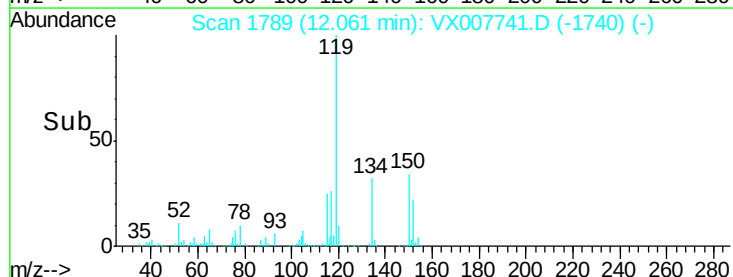
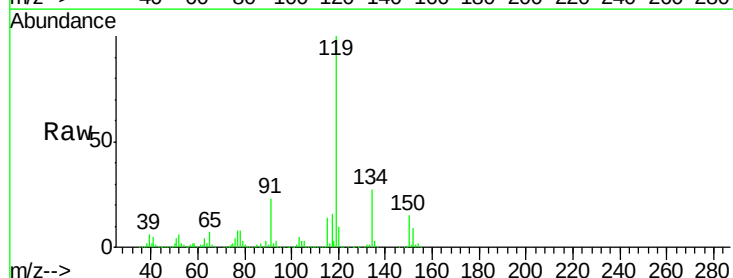
Tgt Ion:119 Resp: 229395

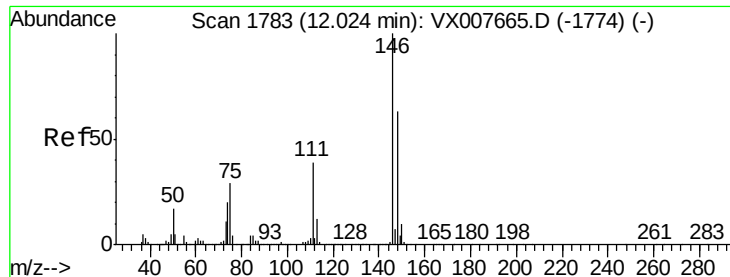
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.7 11.2 33.5





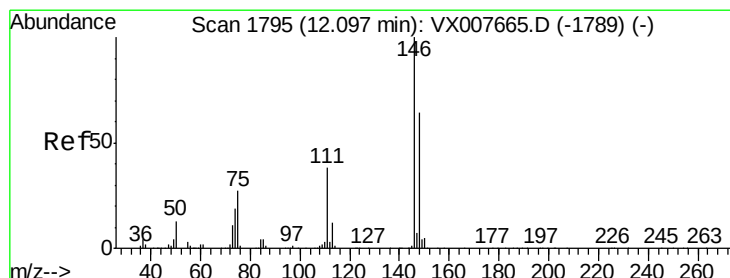
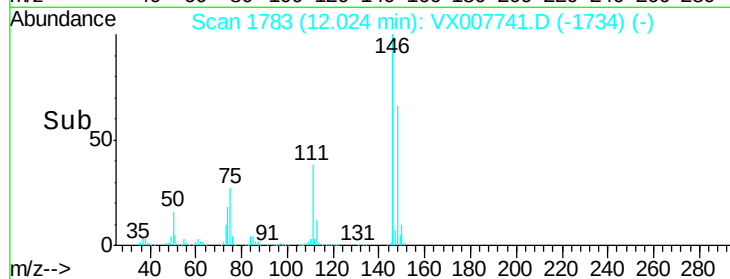
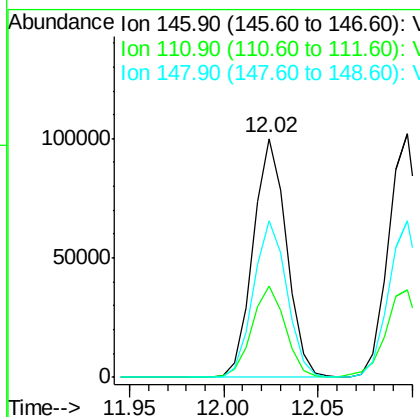
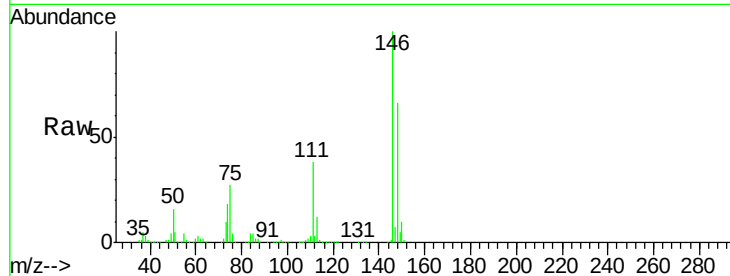
#87
 1,3-Dichlorobenzene
 Concen: 18.714 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	65.6	32.0	96.2

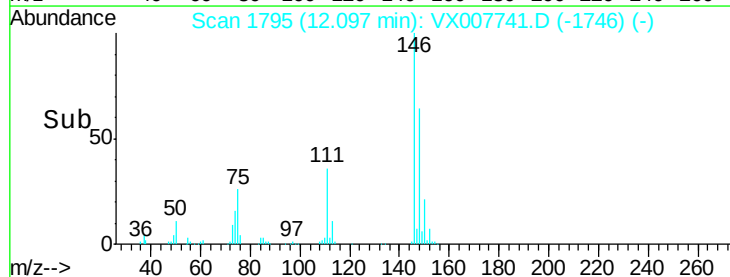
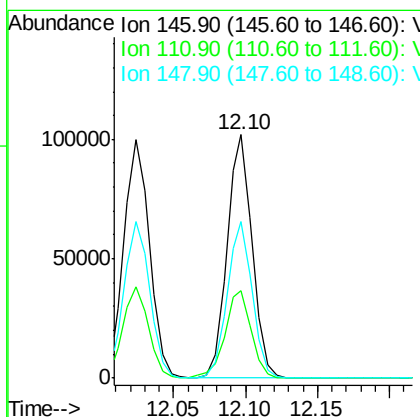
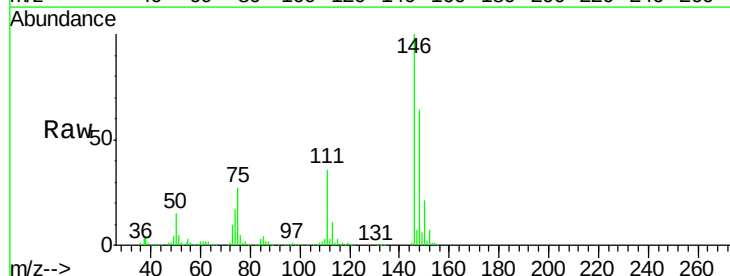
Manual Integrations
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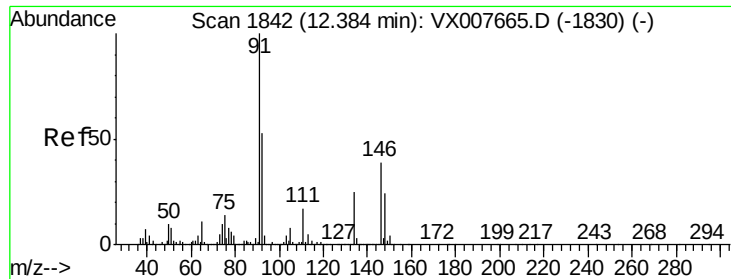
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#88
 1,4-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.3	32.3	96.9





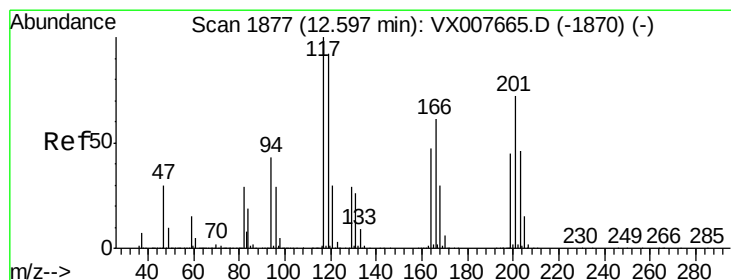
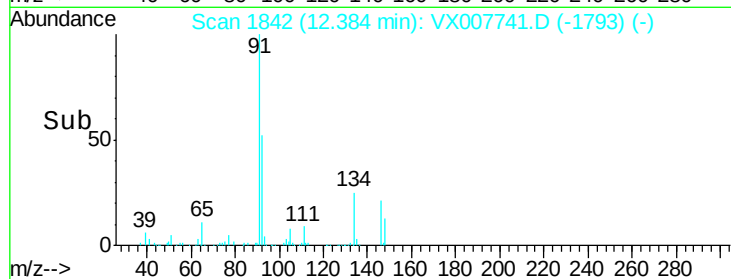
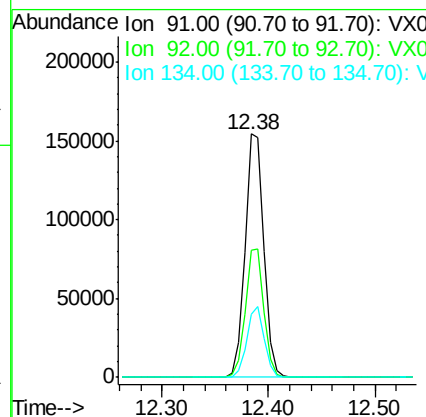
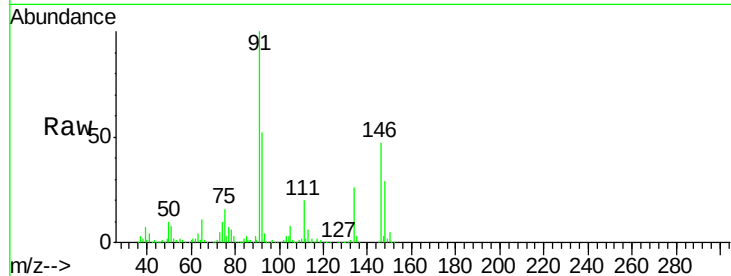
#89
n-Butylbenzene
Concen: 17.438 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190125		
92	52.3		26.3	78.9
134	27.1		13.9	41.6

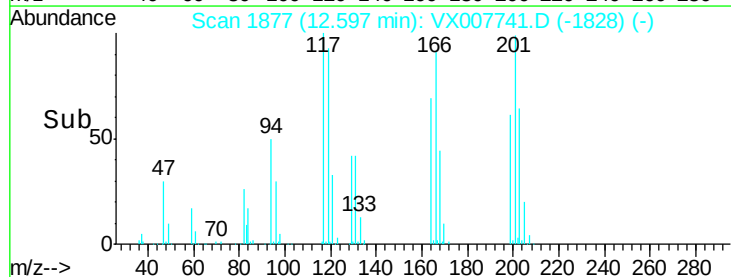
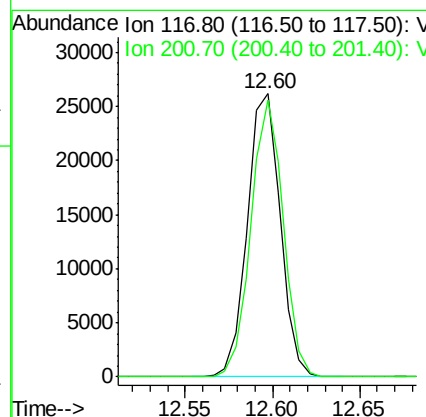
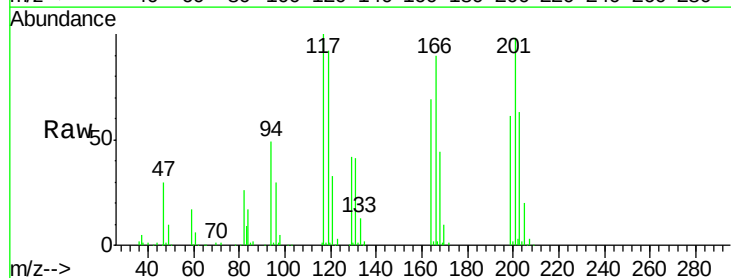
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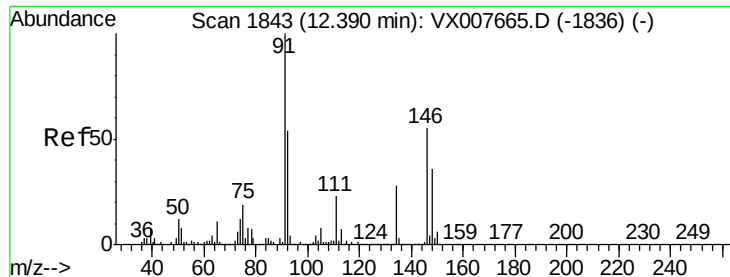
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#90
Hexachloroethane
Concen: 16.650 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007741.D
Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34296		
201	95.9		44.9	134.7





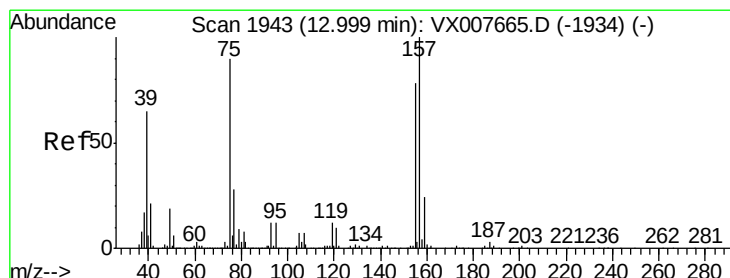
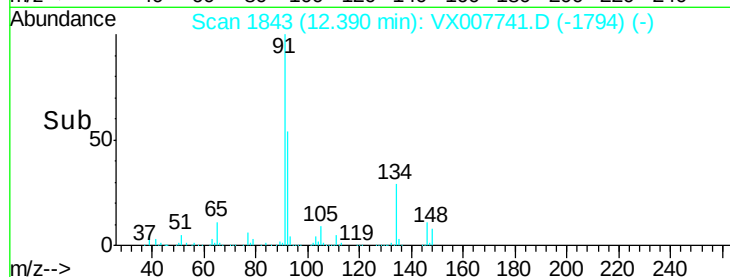
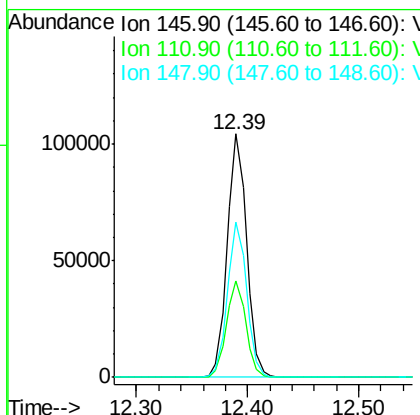
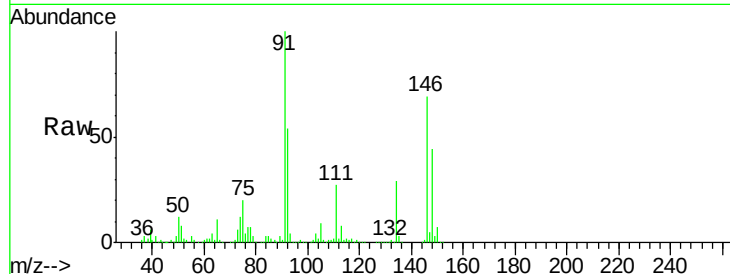
#91
 1,2-Dichlorobenzene
 Concen: 19.079 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.1	57.3
148	63.7	32.1	96.3

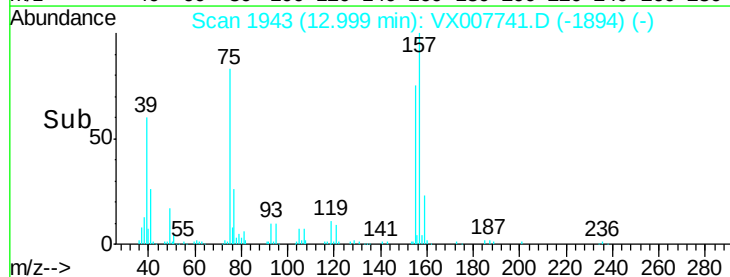
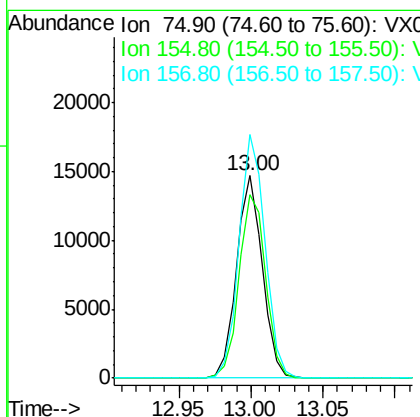
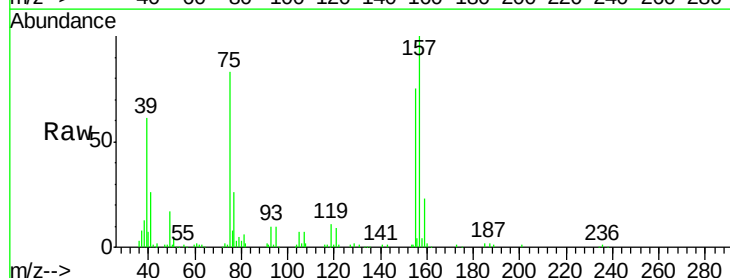
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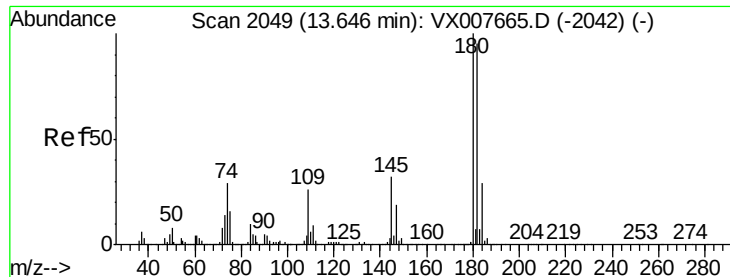
MMDadoda
 2/28/2019 12:22:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.209 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	49.6	149.0
157	120.5	65.1	195.3





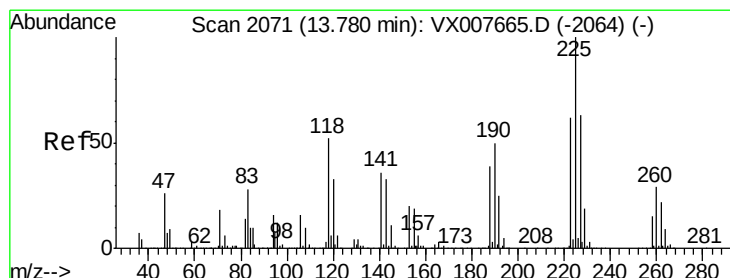
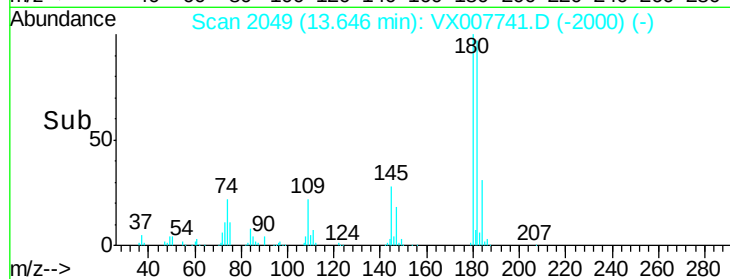
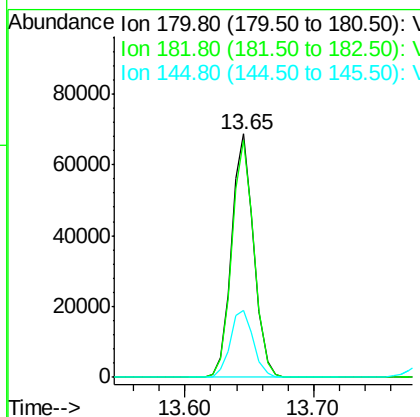
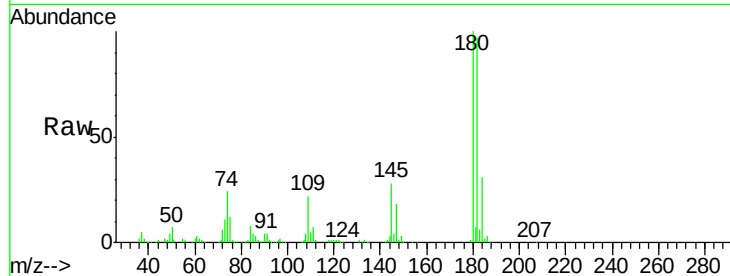
#93
 1,2,4-Trichlorobenzene
 Concen: 20.547 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82353		
182	97.4	47.8	143.3	
145	28.8	14.1	42.2	

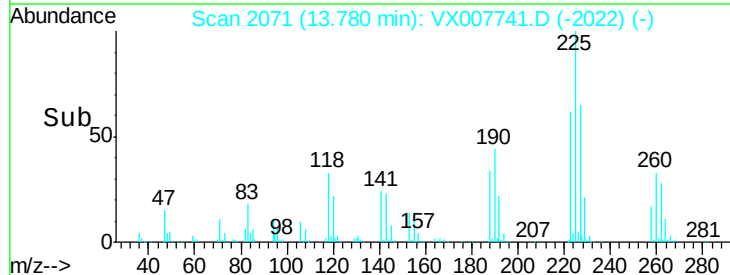
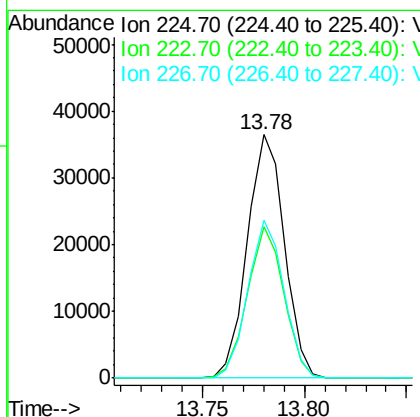
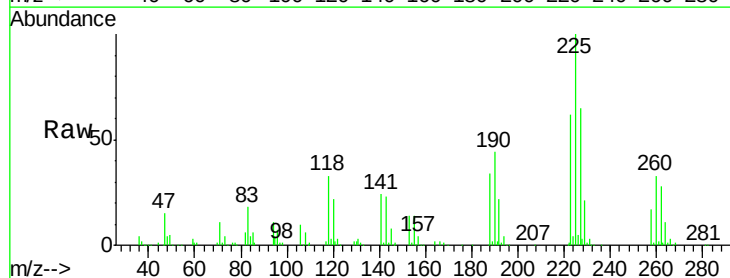
Manual Integrations
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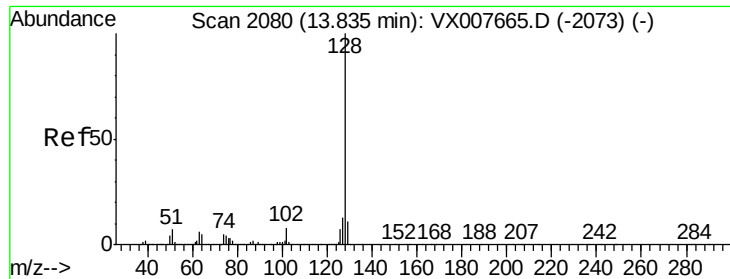
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#94
 Hexachlorobutadiene
 Concen: 25.143 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007741.D
 Acq: 27 Feb 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46102		
223	61.6	31.6	94.8	
227	63.2	32.1	96.3	





#95

Naphthalene

Concen: 19.443 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Instrument :

MSVOA_X

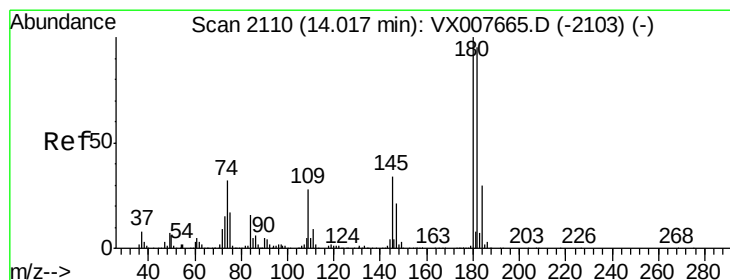
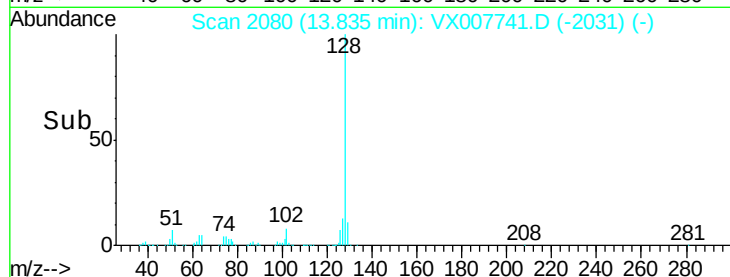
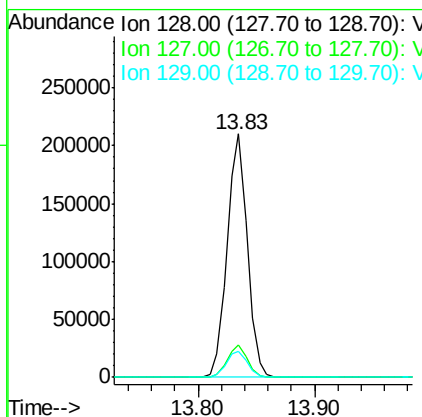
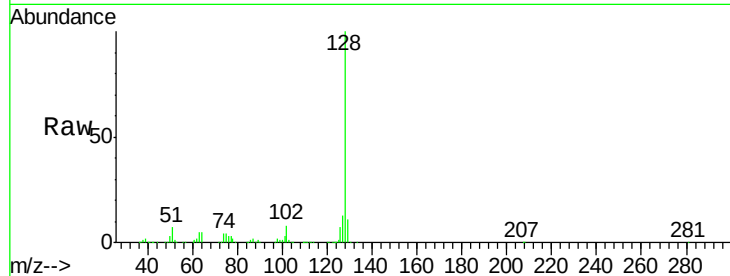
ClientSampleId :

VX0227WBSD01

Tot Ion:	128	Resp:	252480
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:22:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.123 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007741.D

Acq: 27 Feb 2019 18:31

Tgt Ion:	180	Resp:	85010
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.6
145	30.3	14.9	44.5

