

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000275.D
 Acq On : 12 Mar 2018 13:23
 Operator : JC/MD
 Sample : VX0312WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:38 AM

Quant Time: Mar 13 04:56:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	91375	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.52	113	69717	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.73	98	279012	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.15	95	106884	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25691	18.12	ug/l	96
3) Chloromethane	1.32	50	28014	20.24	ug/l	98
4) Vinyl Chloride	1.41	62	32196	19.96	ug/l	96
5) Bromomethane	1.64	94	30904	17.72	ug/l	97
6) Chloroethane	1.73	64	22497	22.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	58041	21.69	ug/l	99
8) Diethyl Ether	2.20	74	20870	21.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31765	21.25	ug/l	100
10) Methyl Iodide	2.52	142	28052	19.90	ug/l	97
11) Tert butyl alcohol	3.08	59	64180	96.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29603	21.57	ug/l	99
13) Acrolein	2.30	56	39825	114.28	ug/l	94
14) Allyl chloride	2.73	41	54603	21.54	ug/l	98
15) Acrylonitrile	3.16	53	121241	105.10	ug/l	98
16) Acetone	2.45	43	136967	105.72	ug/l	98
17) Carbon Disulfide	2.57	76	71857	19.11	ug/l	99
18) Methyl Acetate	2.79	43	59502	21.57	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	108616	22.22	ug/l	99
20) Methylene Chloride	2.86	84	32207	20.85	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32010	21.21	ug/l	98
22) Diisopropyl ether	3.89	45	81666	18.76	ug/l	96
23) Vinyl Acetate	3.84	43	380653	90.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54936	20.58	ug/l	98
25) 2-Butanone	4.73	43	159394	99.70	ug/l	98
26) 2,2-Dichloropropane	4.60	77	39490	20.24	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30504	21.31	ug/l	93
28) Bromochloromethane	5.03	49	24516	21.61	ug/l	98
29) Tetrahydrofuran	5.18	42	98152	97.75	ug/l	98
30) Chloroform	5.23	83	51123	19.81	ug/l	96
31) Cyclohexane	5.59	56	39347	19.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	45211	20.21	ug/l	98
36) 1,1-Dichloropropene	5.81	75	37400	18.98	ug/l	99
37) Ethyl Acetate	4.88	43	53376	18.74	ug/l	99
38) Carbon Tetrachloride	5.80	117	38480	19.29	ug/l	95

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44190	18.27	ug/l	94
40) Benzene	6.15	78	112624	19.81	ug/l	99
41) Methacrylonitrile	5.07	41	28072	19.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	46327	20.78	ug/l	99
43) Isopropyl Acetate	6.48	43	80342	19.51	ug/l	100
44) Trichloroethene	7.23	130	31309	19.24	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29699	20.63	ug/l	98
46) Dibromomethane	7.67	93	22855	20.07	ug/l	100
47) Bromodichloromethane	7.91	83	39394	19.66	ug/l	95
48) Methyl methacrylate	7.79	41	39210	19.33	ug/l	98
49) 1,4-Dioxane	7.77	88	17400	377.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	308396	99.22	ug/l	99
52) Toluene	8.79	92	76316	19.59	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47130	19.96	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	45277	19.82	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	32593	20.65	ug/l	100
56) Ethyl methacrylate	9.19	69	49076	20.78	ug/l	100
57) 1,3-Dichloropropane	9.38	76	53415	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	123437	103.53	ug/l	99
59) 2-Hexanone	9.51	43	260309	98.21	ug/l	98
60) Dibromochloromethane	9.59	129	31738	19.08	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35079	20.02	ug/l	99
64) Tetrachloroethene	9.34	164	30331	19.18	ug/l	95
65) Chlorobenzene	10.15	112	92129	20.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	31528	20.21	ug/l	98
67) Ethyl Benzene	10.26	91	153948	19.33	ug/l	99
68) m/p-Xylenes	10.37	106	119825	39.09	ug/l	100
69) o-Xylene	10.71	106	57186	19.41	ug/l	97
70) Styrene	10.72	104	96071	19.66	ug/l	99
71) Bromoform	10.87	173	24336	17.45	ug/l #	99
73) Isopropylbenzene	11.02	105	157719	19.73	ug/l	100
74) N-amyl acetate	6.48	43	80342	19.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	57449	20.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51572m	20.15	ug/l	
77) Bromobenzene	11.26	156	40472	19.58	ug/l	98
78) n-propylbenzene	11.37	91	186819	19.86	ug/l	99
79) 2-Chlorotoluene	11.43	91	108470	20.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	135385	20.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	15087	18.05	ug/l	92
82) 4-Chlorotoluene	11.52	91	131190	20.33	ug/l	99
83) tert-Butylbenzene	11.78	119	131148	20.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	141452	20.61	ug/l	97
85) sec-Butylbenzene	11.96	105	168374	20.50	ug/l	98
86) p-Isopropyltoluene	12.07	119	150407	20.76	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78110	19.88	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	81812	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	142483	20.42	ug/l	99
90) Hexachloroethane	12.60	117	22001	18.85	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	80534	20.70	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15208	19.32	ug/l	93

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ClientSampleId :
VX0312WBS01

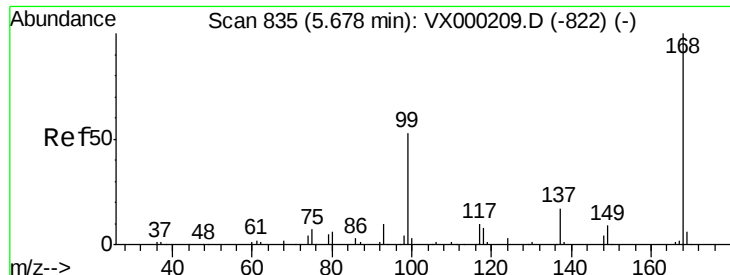
Manual Integrations
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3/13/2018 10:58:38 AM

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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56880	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	22301	18.93	ug/l	97
95) Naphthalene	13.84	128	201450	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	55629	19.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:168 Resp: 130134

Ion Ratio Lower Upper

168 100

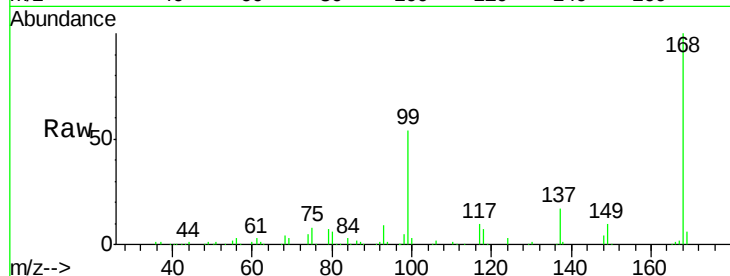
99 54.5 42.8 64.2

Manual Integrations

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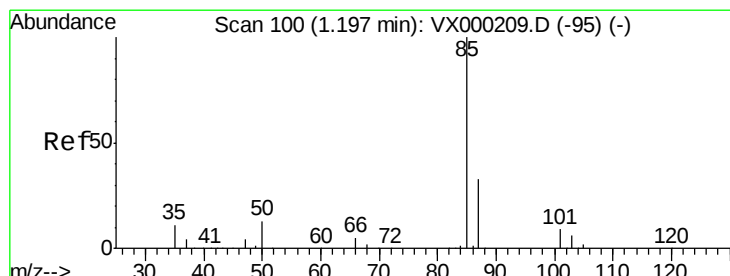
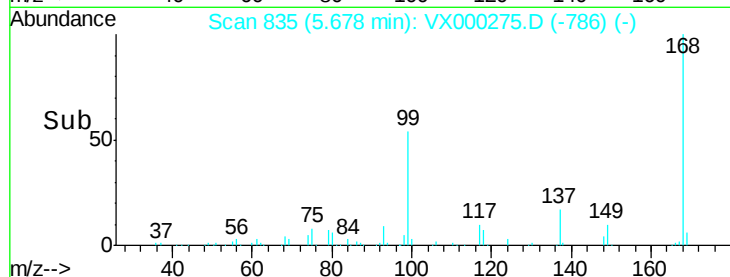
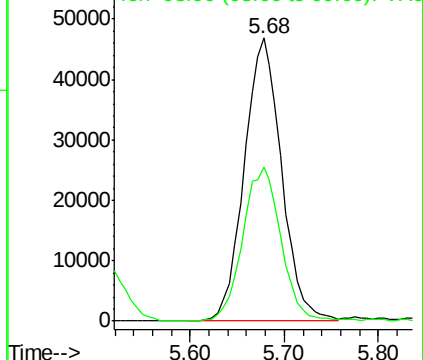
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000275.D

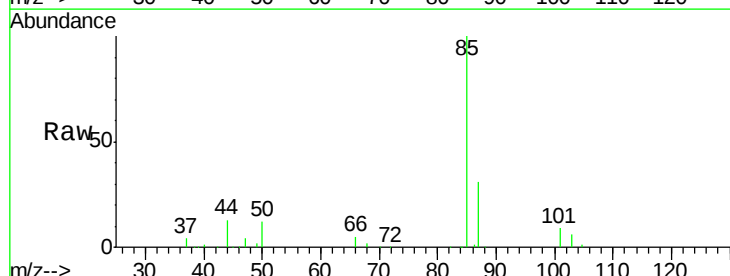
Acq: 12 Mar 2018 13:23

Tgt Ion: 85 Resp: 25691

Ion Ratio Lower Upper

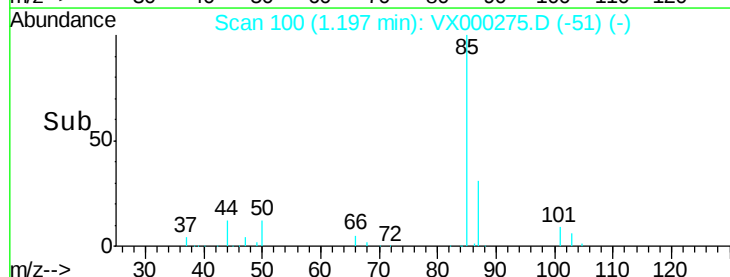
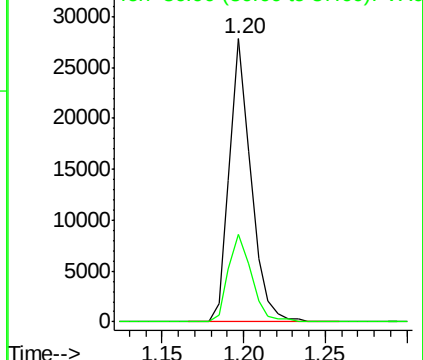
85 100

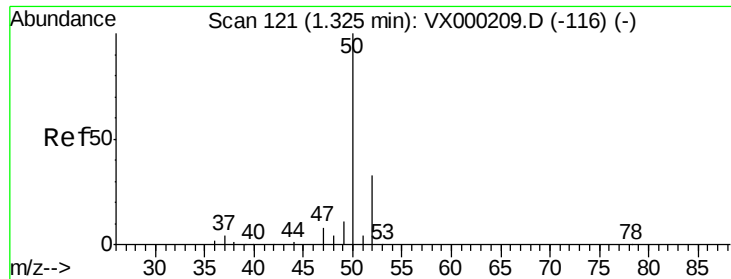
87 31.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 50 Resp: 28014

Ion Ratio Lower Upper

50 100

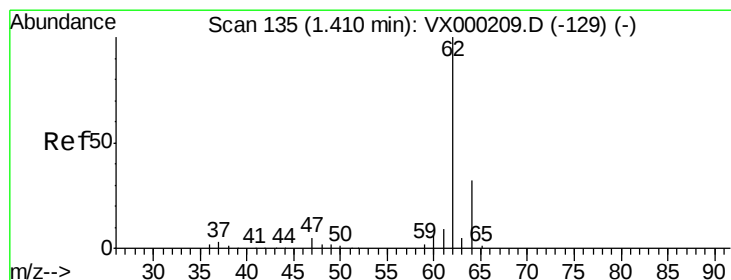
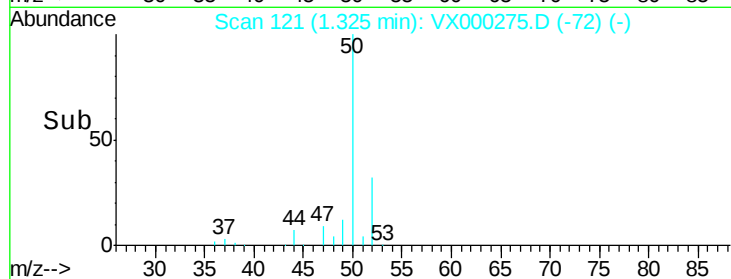
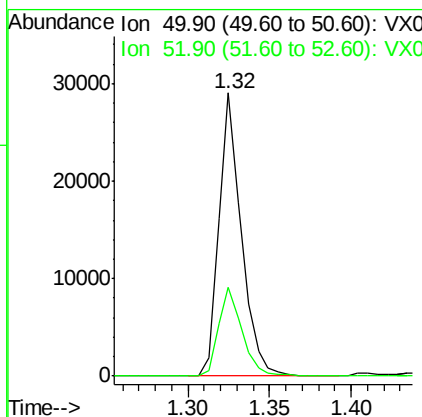
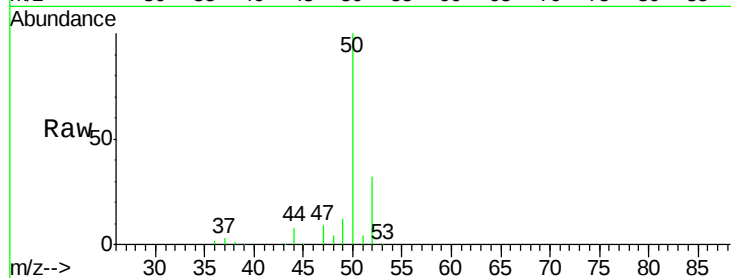
52 31.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.96 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000275.D

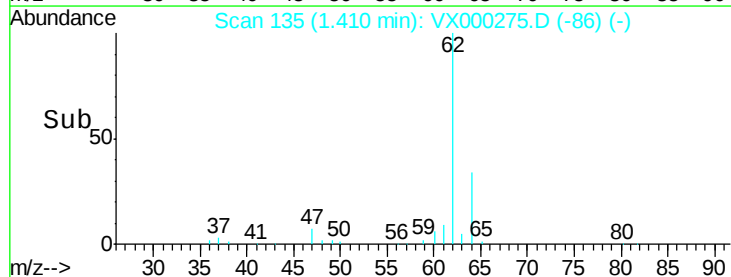
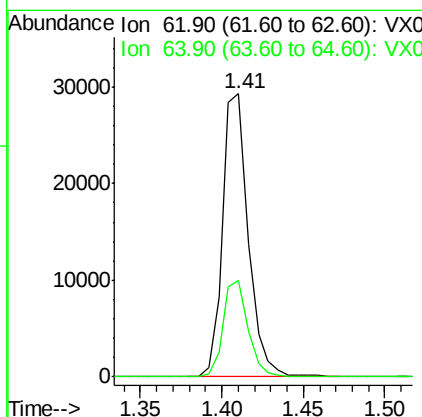
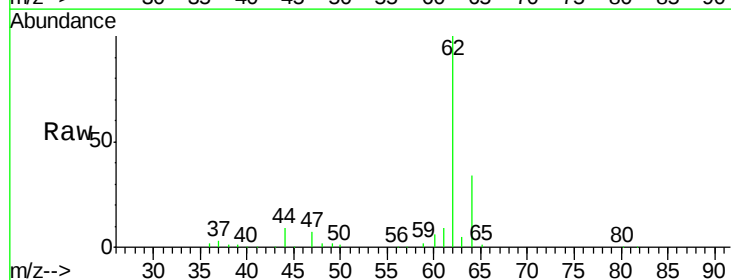
Acq: 12 Mar 2018 13:23

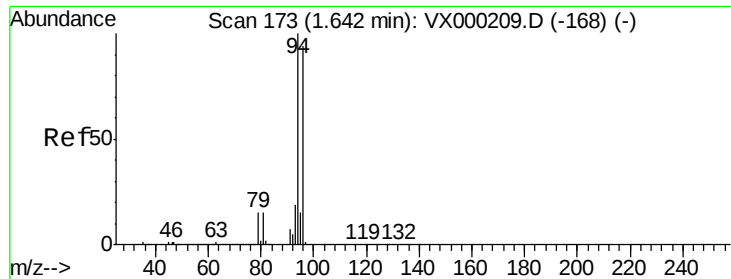
Tgt Ion: 62 Resp: 32196

Ion Ratio Lower Upper

62 100

64 34.1 25.7 38.5





#5

Bromomethane

Concen: 17.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 94 Resp: 30904

Ion Ratio Lower Upper

94 100

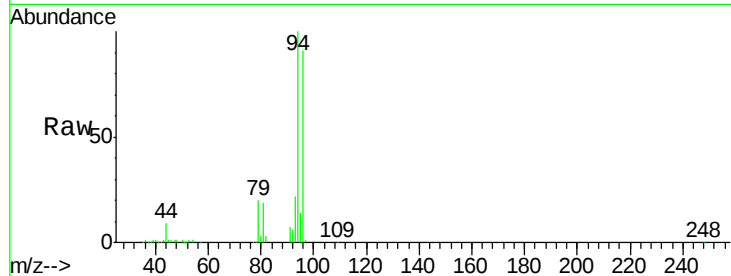
96 91.3 75.3 112.9

Manual Integrations

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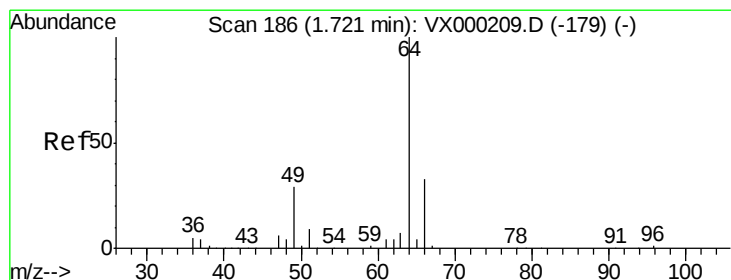
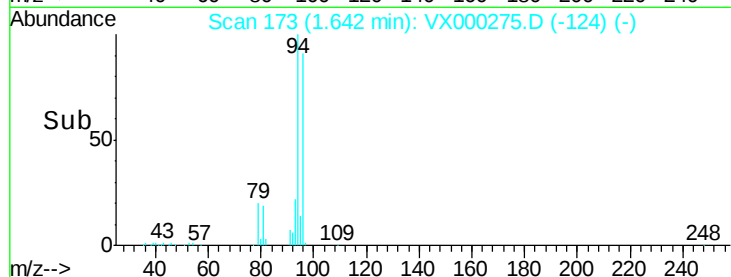
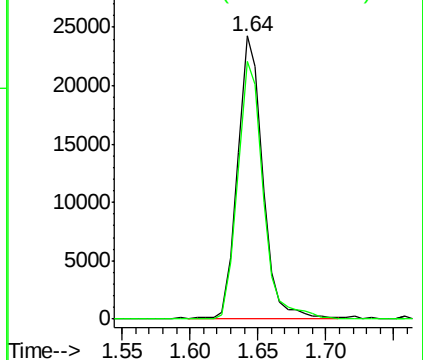
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000275.D

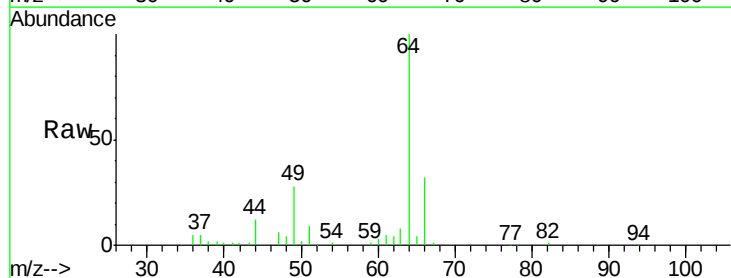
Acq: 12 Mar 2018 13:23

Tgt Ion: 64 Resp: 22497

Ion Ratio Lower Upper

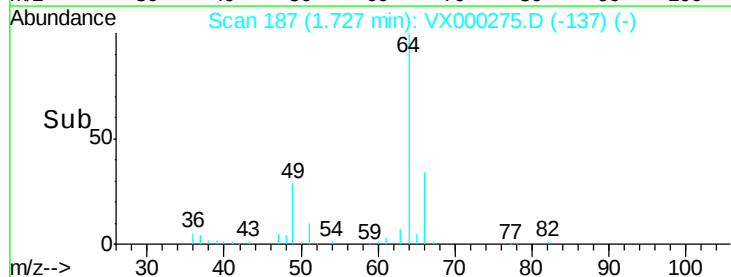
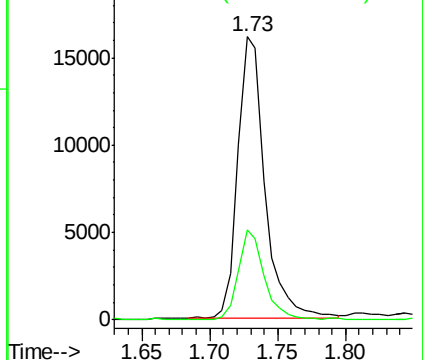
64 100

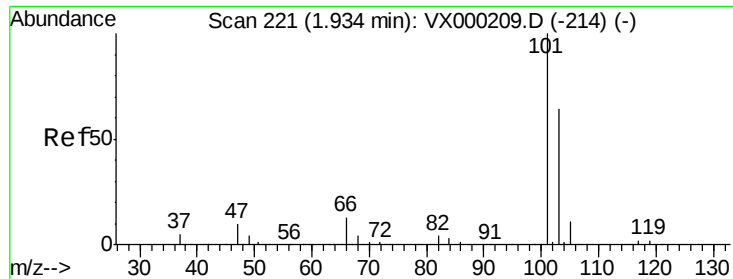
66 31.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

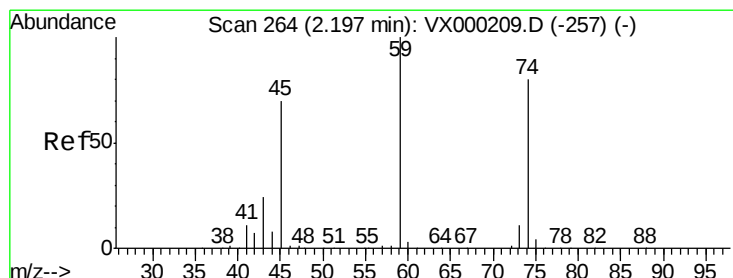
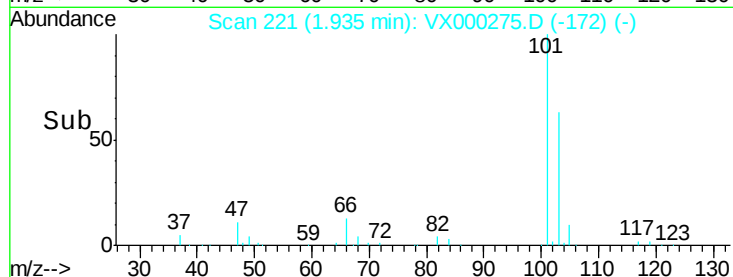
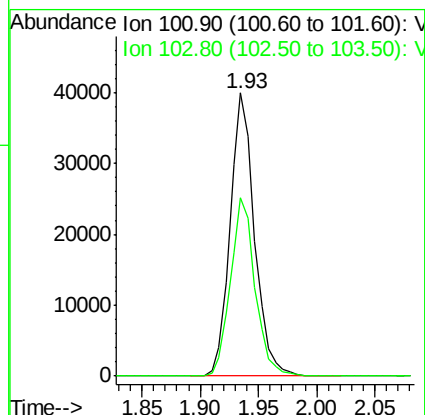
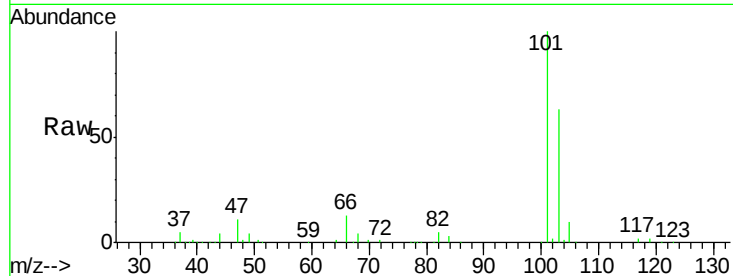
Trichlorofluoromethane
Concen: 21.69 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
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ClientSampleId :
VX0312WBS01

Tot Ion:101 Resp: 58041
Ion Ratio Lower Upper
101 100
103 63.0 51.2 76.8

Manual Integrations
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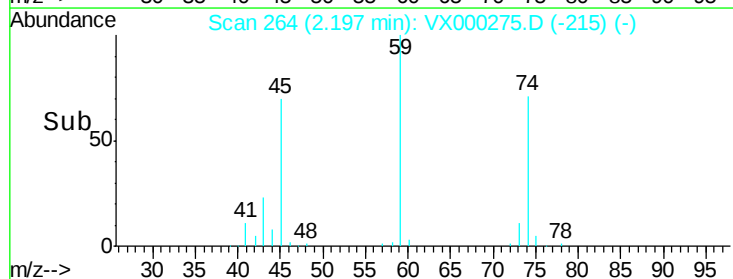
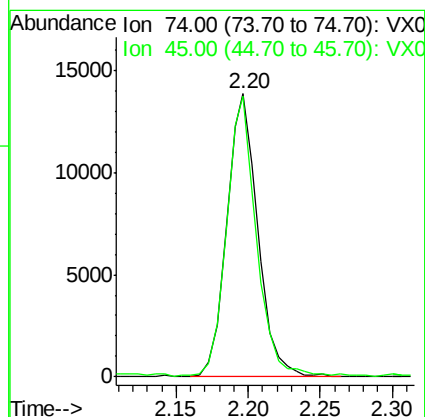
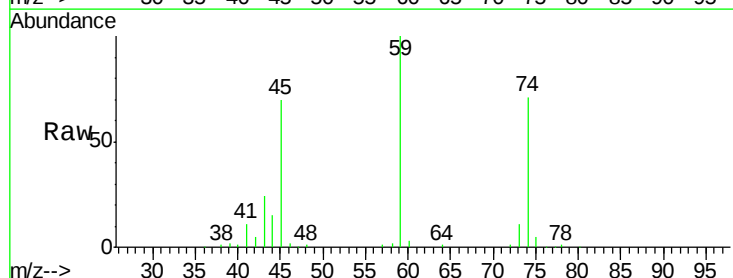
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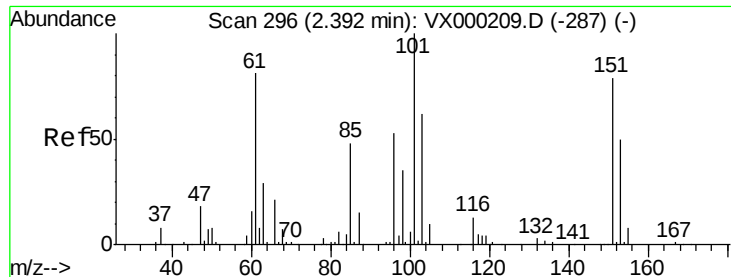


#8

Diethyl Ether
Concen: 21.24 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 74 Resp: 20870
Ion Ratio Lower Upper
74 100
45 97.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.25 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

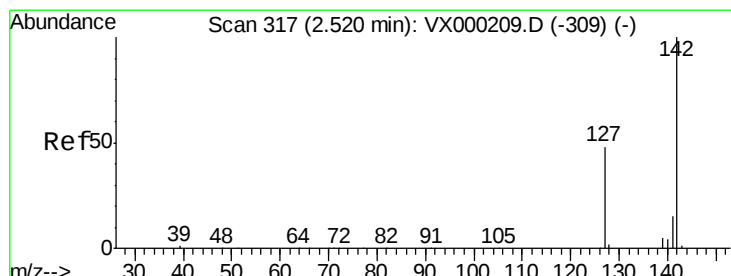
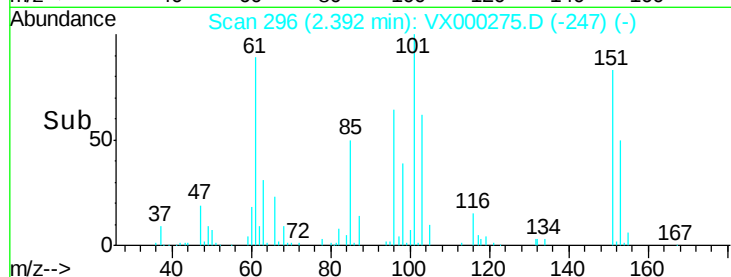
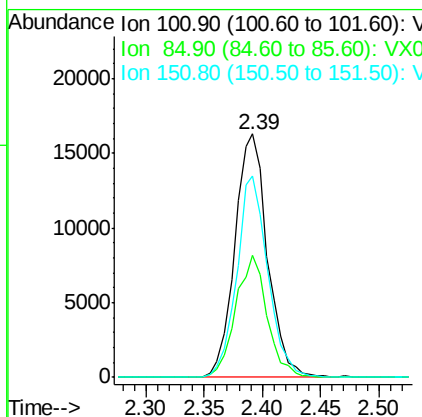
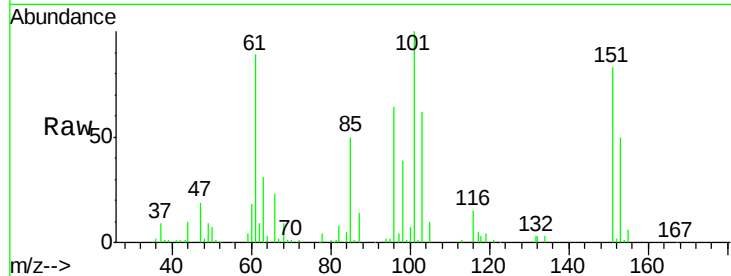
ClientSampleId :

VX0312WBS01

Tot Ion:	101	Resp:	31765
Ion Ratio	Lower	Upper	
101	100		
85	48.3	38.3	57.5
151	78.9	62.8	94.2

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#10

Methyl Iodide

Concen: 19.90 ug/l

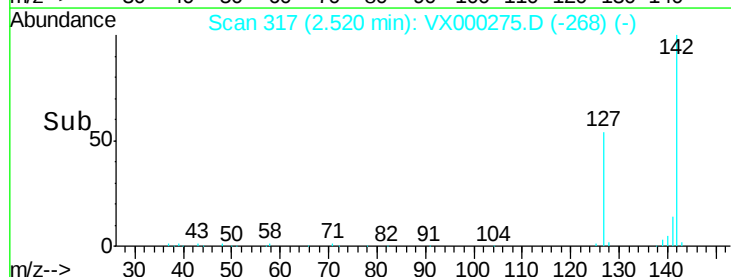
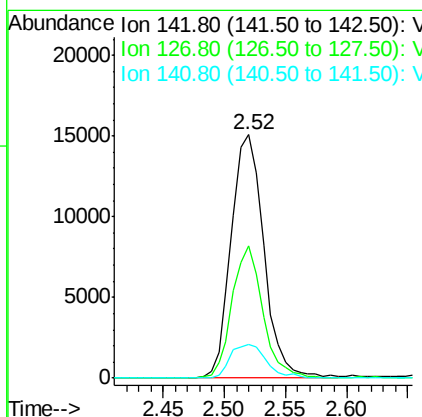
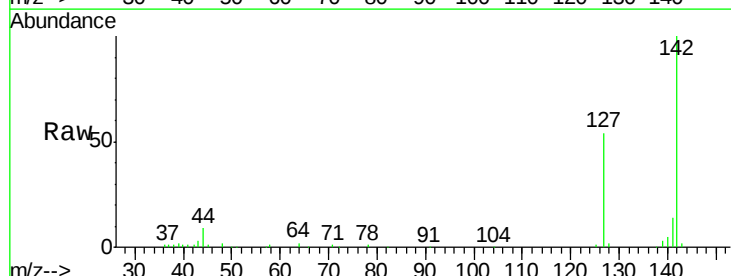
RT: 2.52 min Scan# 317

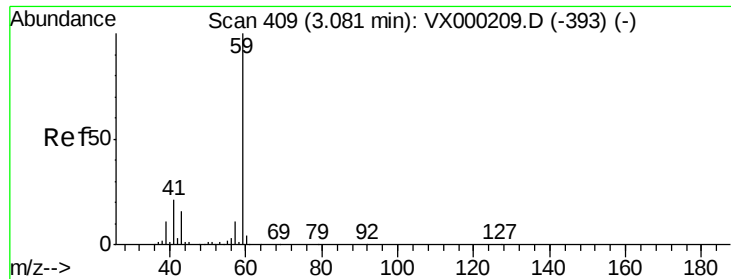
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	142	Resp:	28052
Ion Ratio	Lower	Upper	
142	100		
127	50.7	39.0	58.6
141	15.2	11.6	17.4





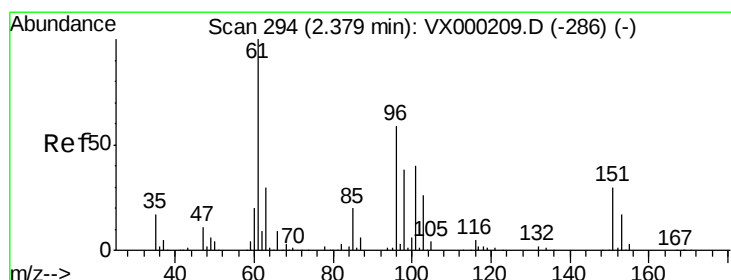
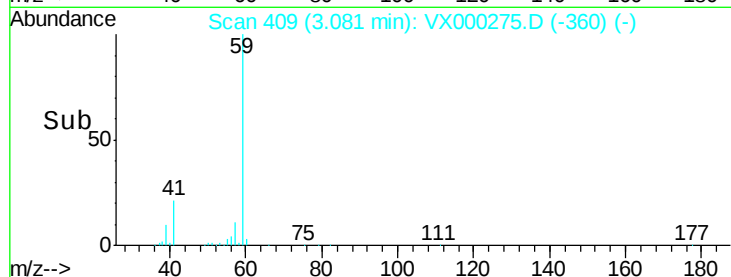
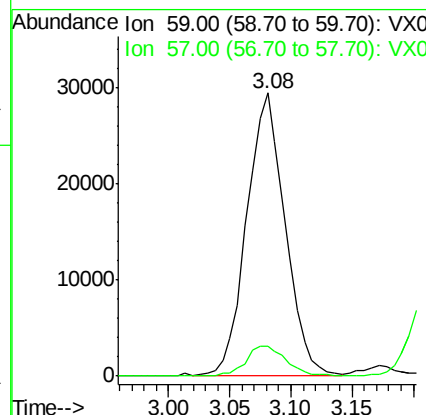
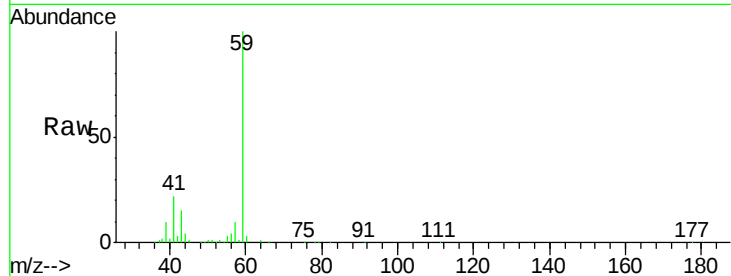
#11
Tert butyl alcohol
Concen: 96.82 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion: 59 Resp: 64180
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

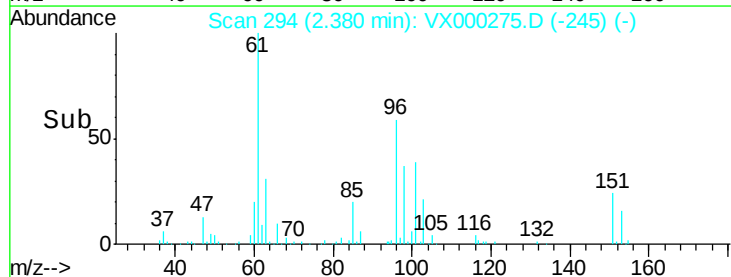
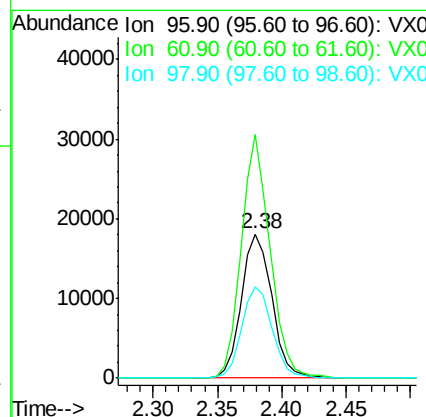
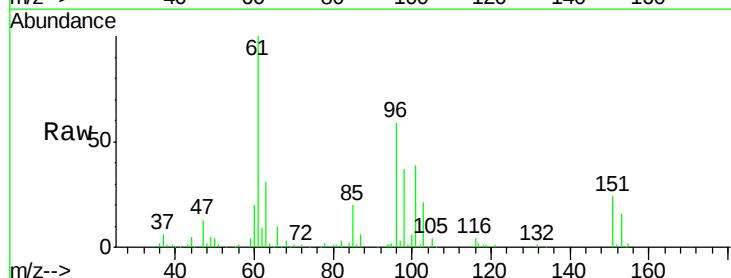
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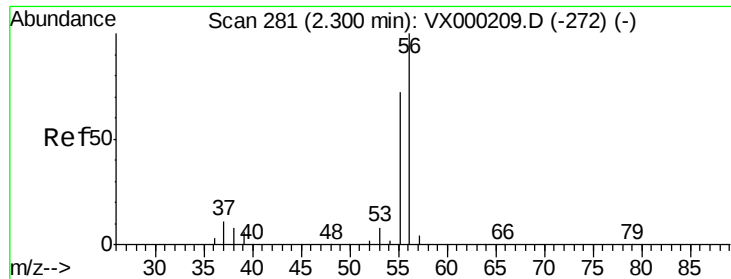
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#12
1,1-Dichloroethene
Concen: 21.57 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 96 Resp: 29603
Ion Ratio Lower Upper
96 100
61 168.6 135.8 203.6
98 63.0 51.1 76.7





#13

Acrolein

Concen: 114.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 56 Resp: 39825

Ion Ratio Lower Upper

56 100

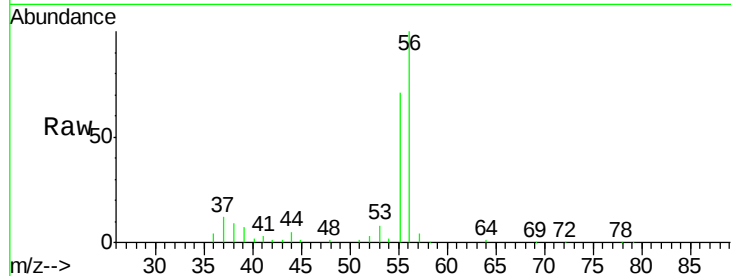
55 68.8 59.2 88.8

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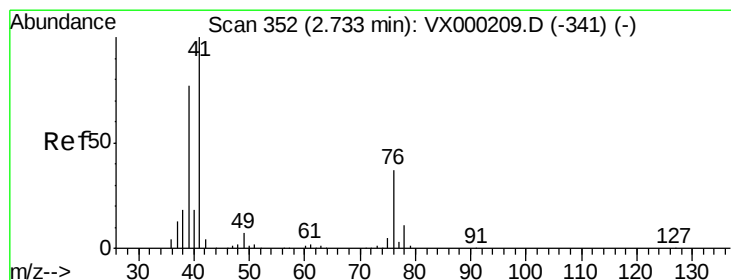
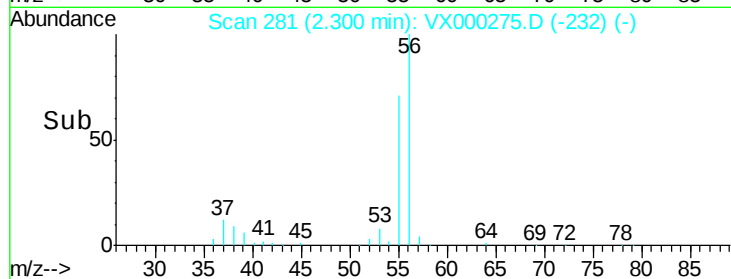
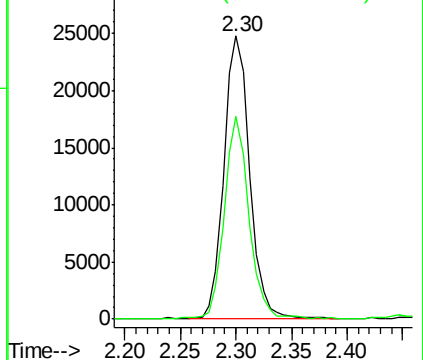
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

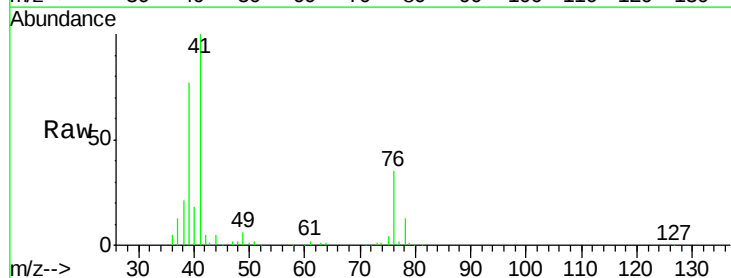
Tgt Ion: 41 Resp: 54603

Ion Ratio Lower Upper

41 100

39 70.0 57.0 85.6

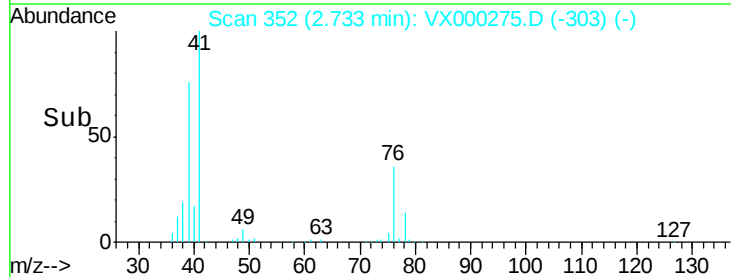
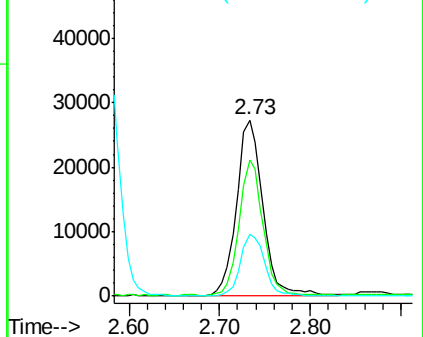
76 32.7 26.8 40.2

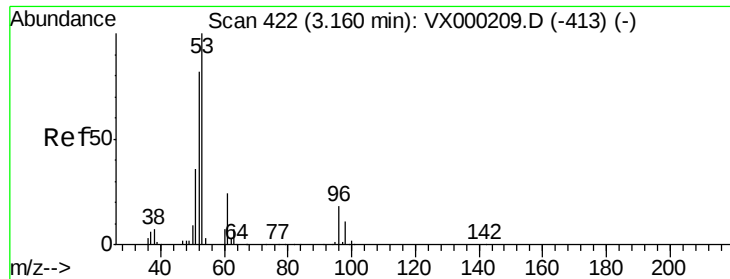


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.10 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

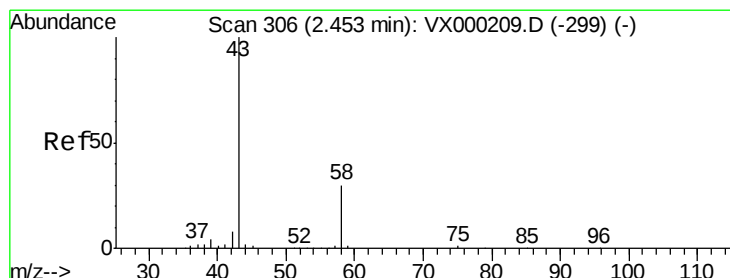
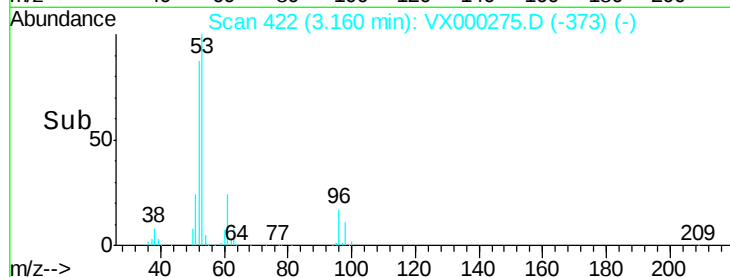
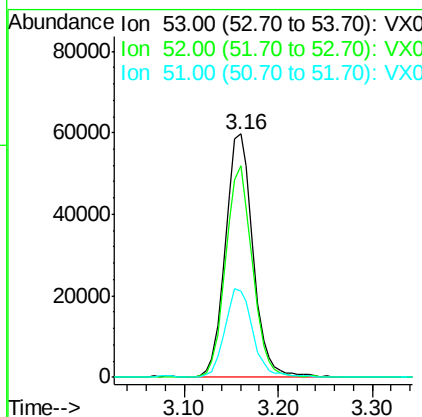
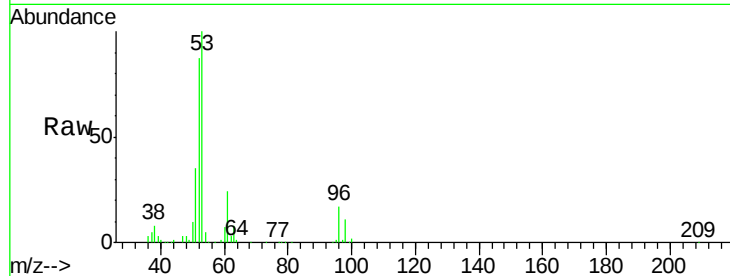
ClientSampleId :

VX0312WBS01

Tot Ion:	53	Resp:	121241
Ion Ratio		Lower	Upper
53	100		
52	84.8	66.3	99.5
51	37.4	29.6	44.4

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#16

Acetone

Concen: 105.72 ug/l

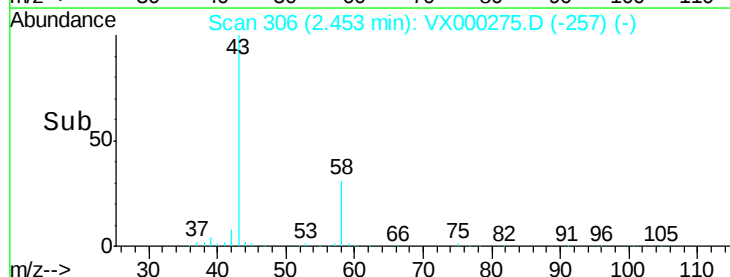
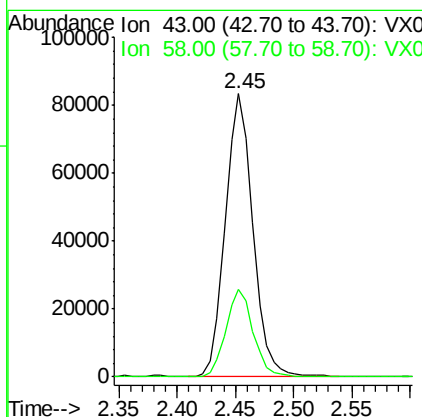
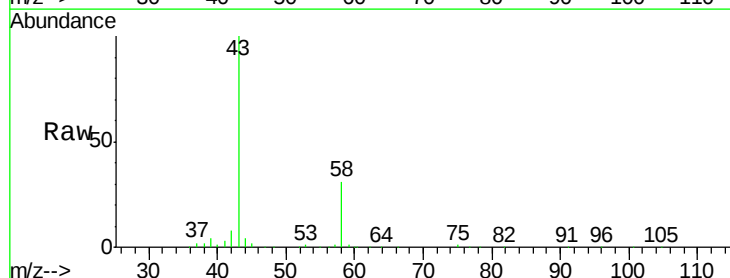
RT: 2.45 min Scan# 306

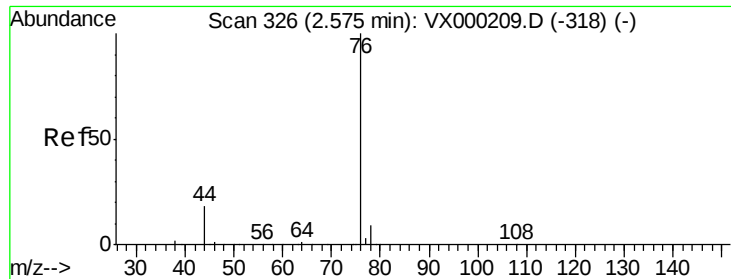
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	43	Resp:	136967
Ion Ratio		Lower	Upper
43	100		
58	30.8	23.8	35.6





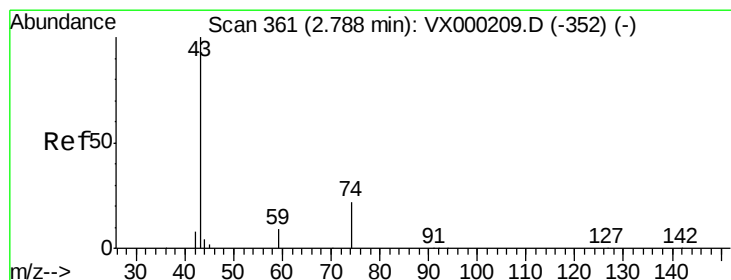
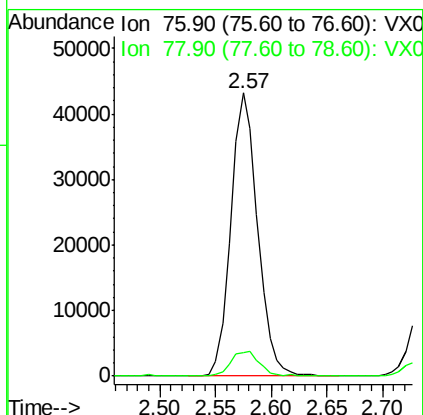
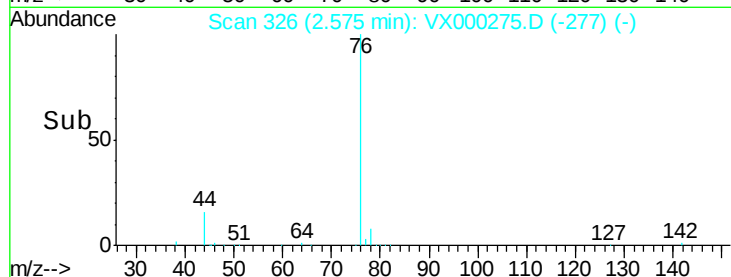
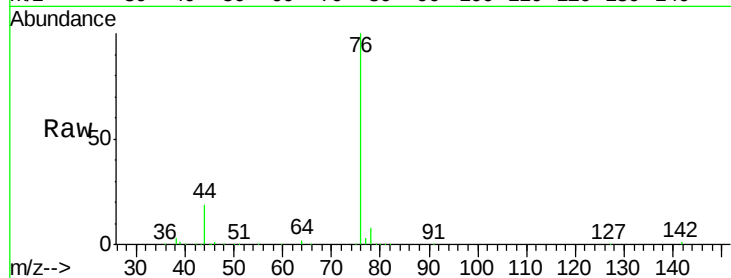
#17
Carbon Disulfide
Concen: 19.11 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

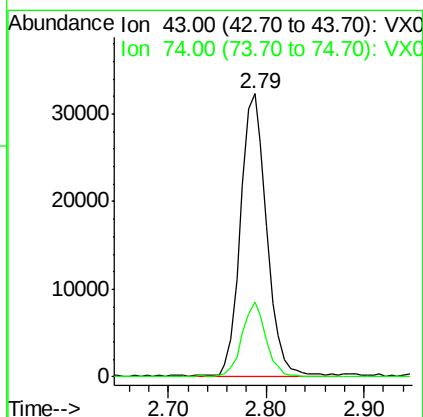
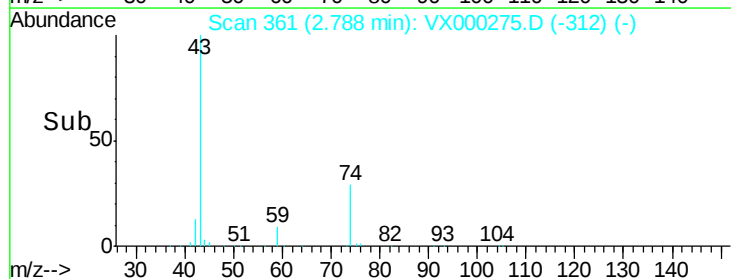
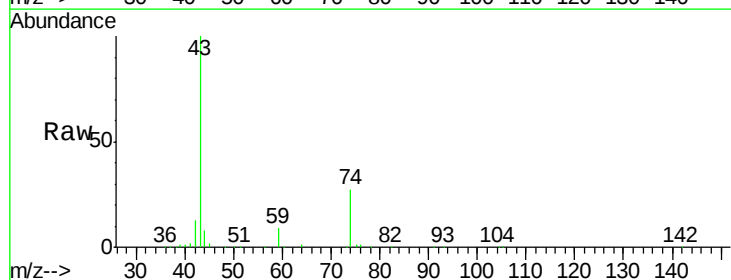
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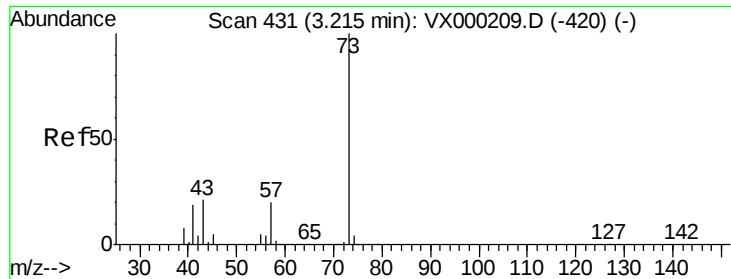
apatel
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#18
Methyl Acetate
Concen: 21.57 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.9	28.3





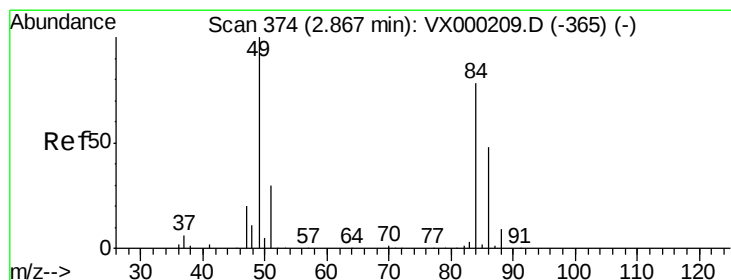
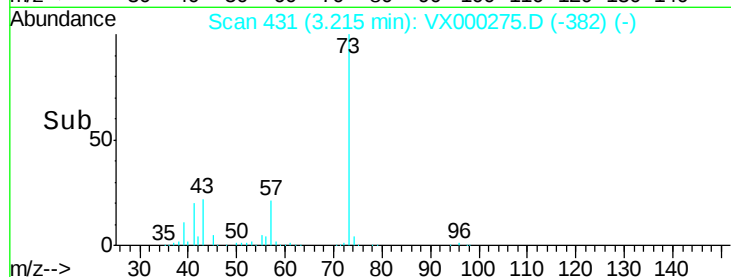
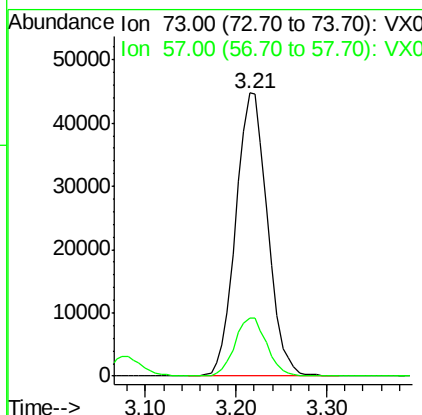
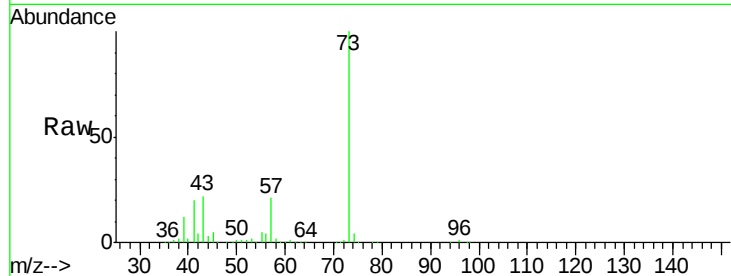
#19
Methvl tert-butvl Ether
Concen: 22.22 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion: 73 Resp: 108616
Ion Ratio Lower Upper
73 100
57 20.7 16.3 24.5

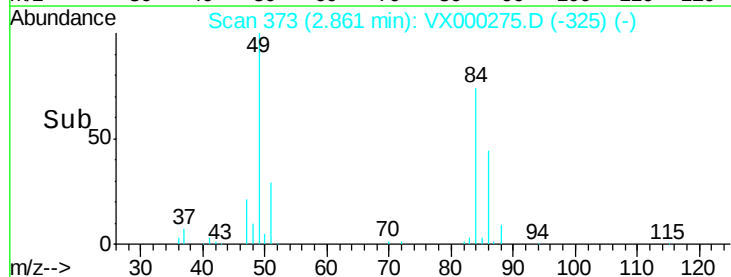
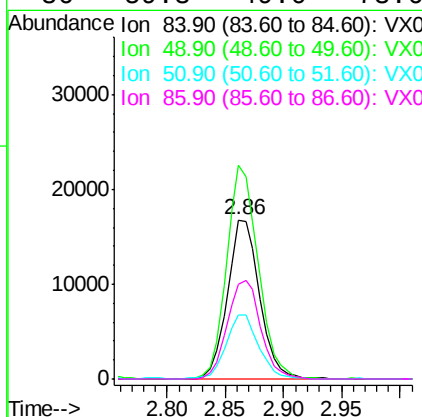
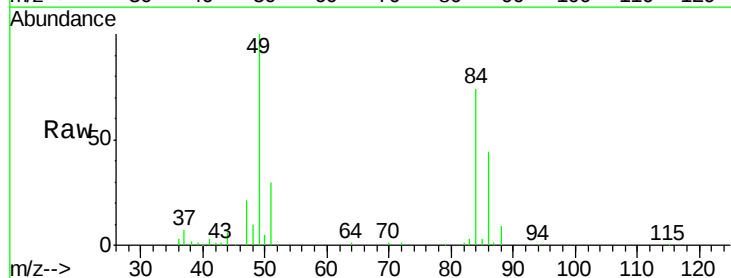
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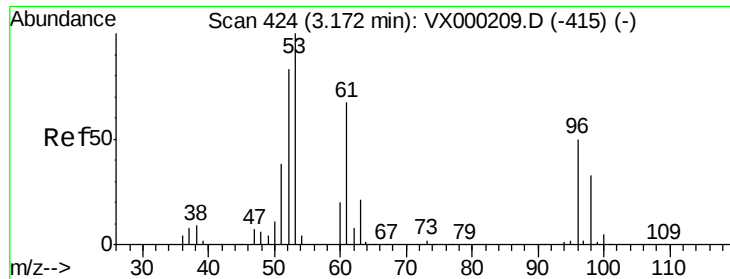
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#20
Methylene Chloride
Concen: 20.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 84 Resp: 32207
Ion Ratio Lower Upper
84 100
49 134.5 102.1 153.1
51 40.0 30.6 45.8
86 59.3 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 21.21 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

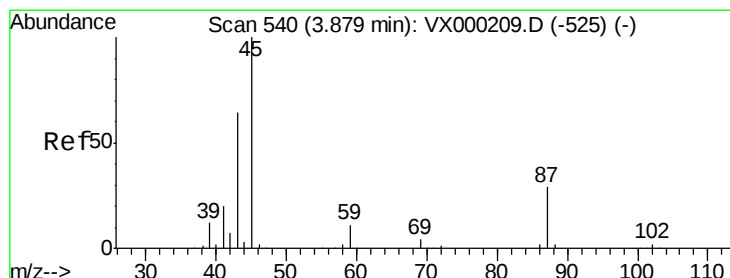
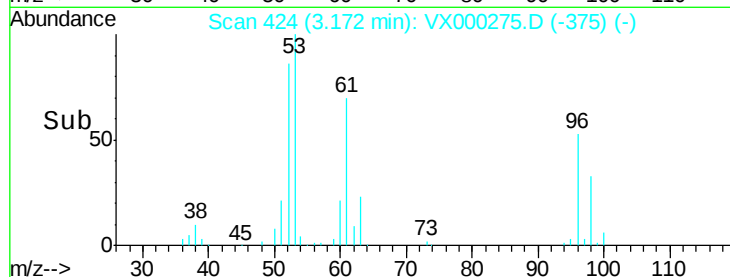
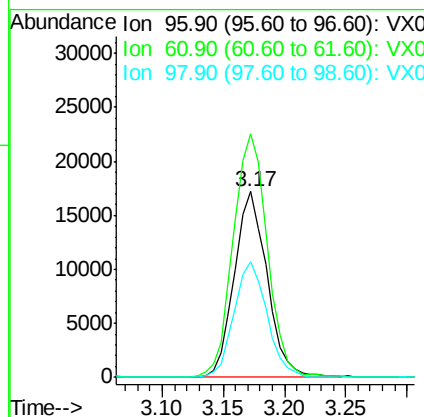
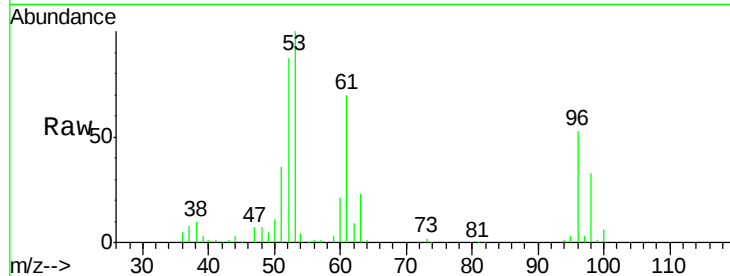
ClientSampleId :

VX0312WBS01

Tot Ion:	96	Resp:	32010
Ion	Ratio	Lower	Upper
96	100		
61	131.3	107.0	160.4
98	62.6	51.8	77.8

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#22

Diisopropyl ether

Concen: 18.76 ug/l

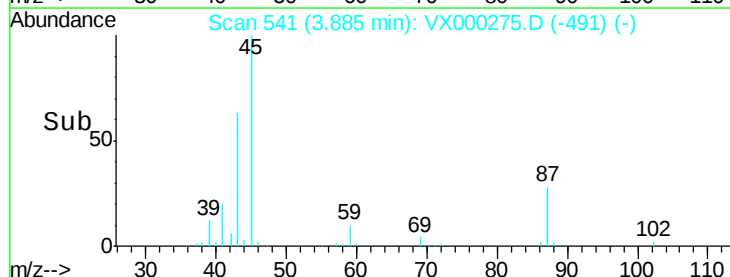
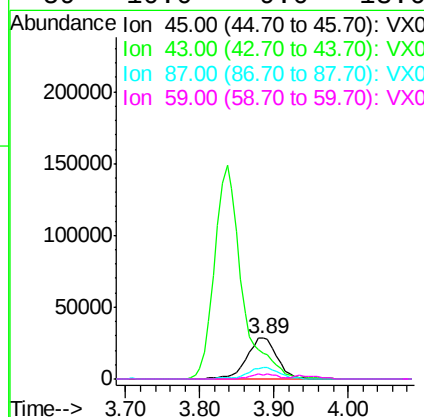
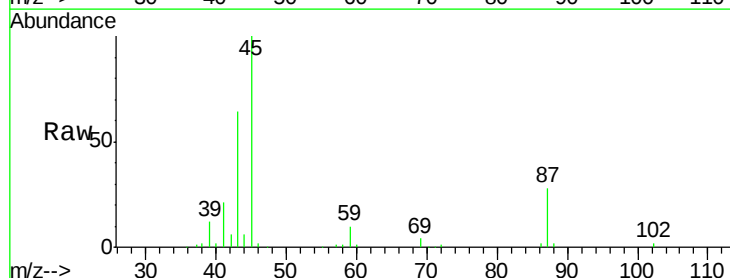
RT: 3.89 min Scan# 541

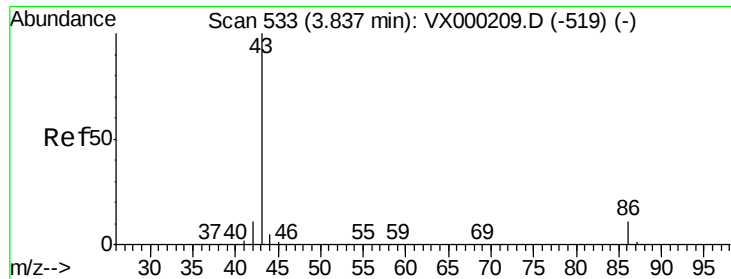
Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	45	Resp:	81666
Ion	Ratio	Lower	Upper
45	100		
43	62.6	53.5	80.3
87	28.4	23.3	34.9
59	10.0	9.0	13.6





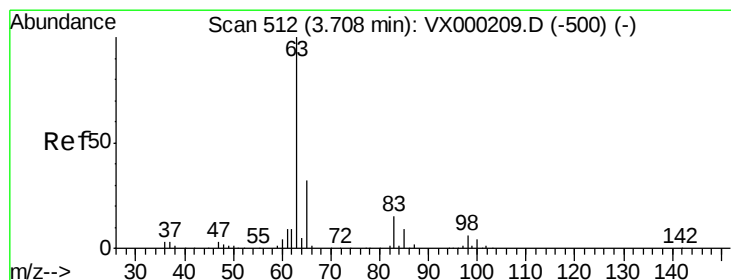
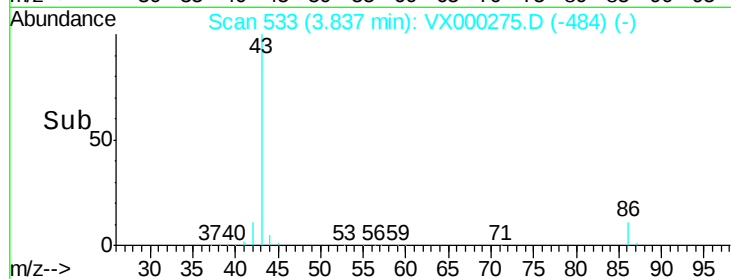
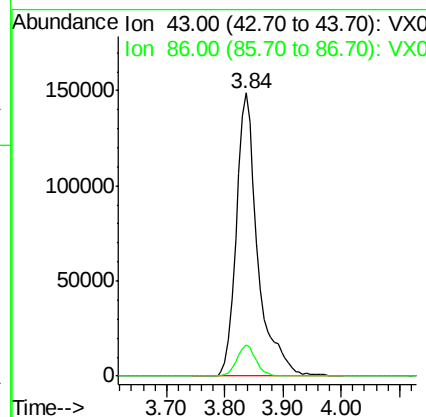
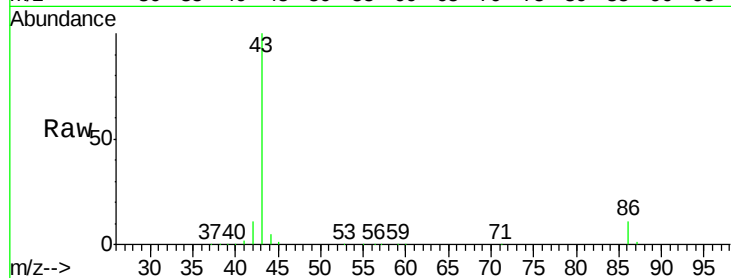
#23
 Vinyl Acetate
 Concen: 90.71 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.5	12.7

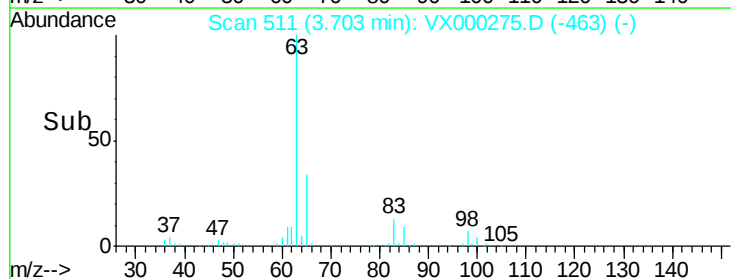
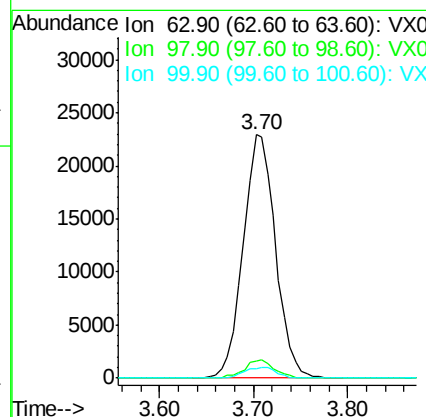
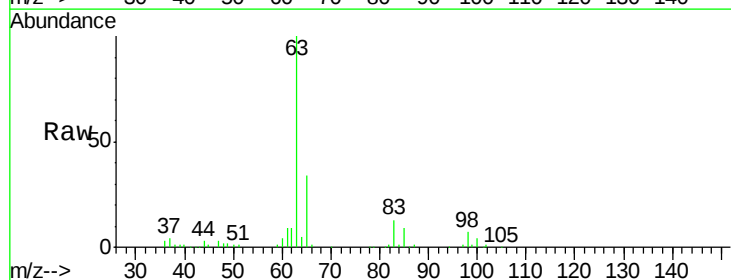
Manual Integrations
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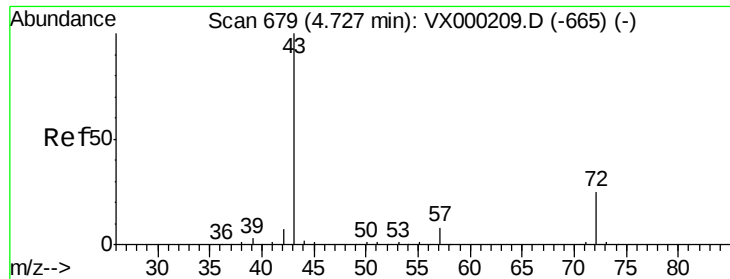
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#24
 1,1-Dichloroethane
 Concen: 20.58 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.1	9.4
100	4.0	2.2	6.6





#25

2-Butanone

Concen: 99.70 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 159394

Ion Ratio Lower Upper

43 100

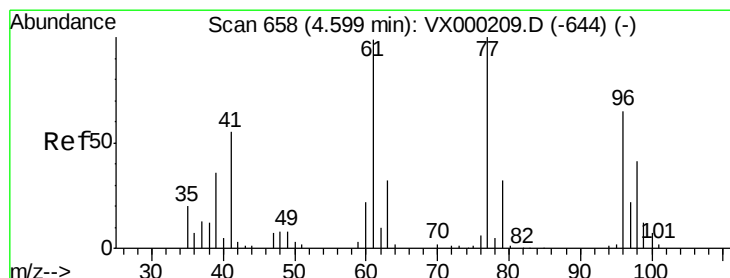
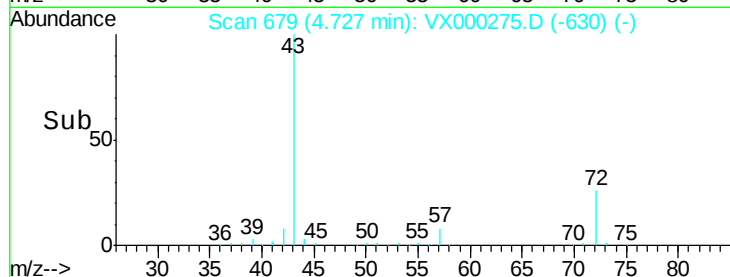
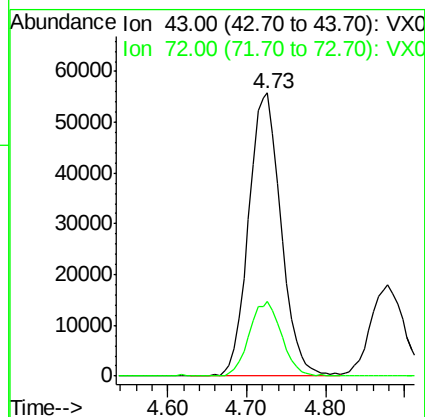
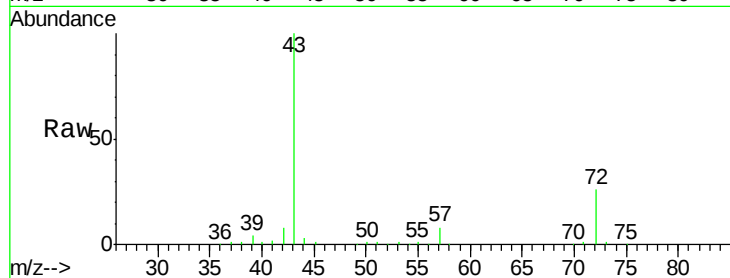
72 26.1 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.24 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000275.D

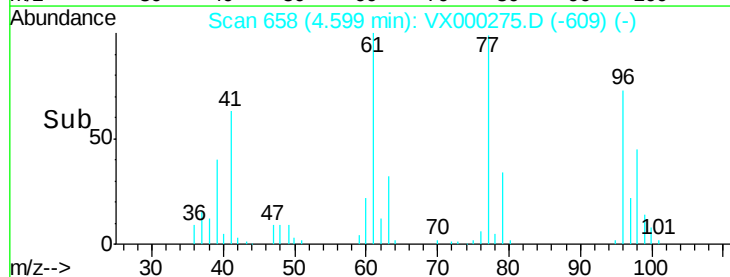
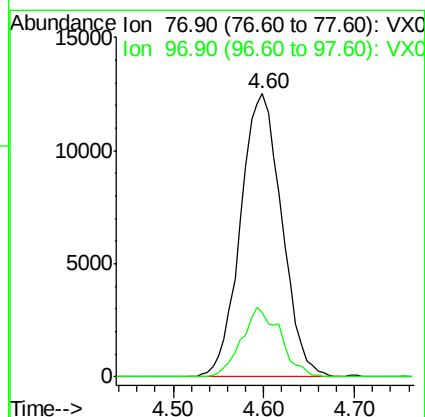
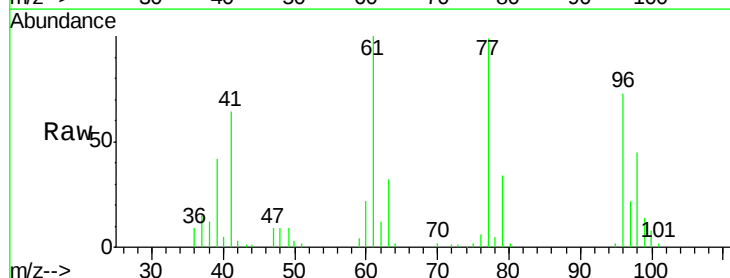
Acq: 12 Mar 2018 13:23

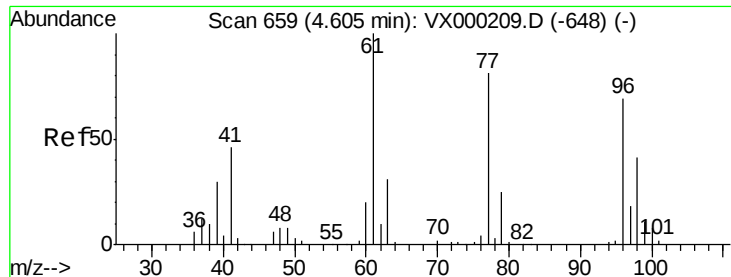
Tgt Ion: 77 Resp: 39490

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

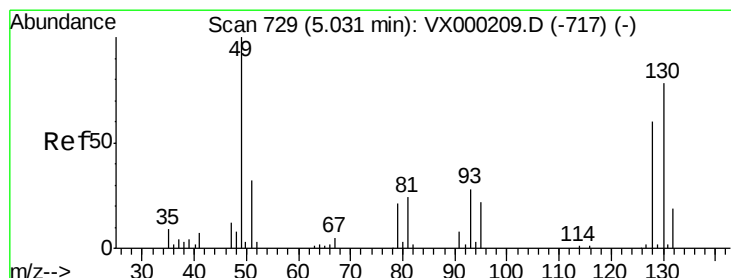
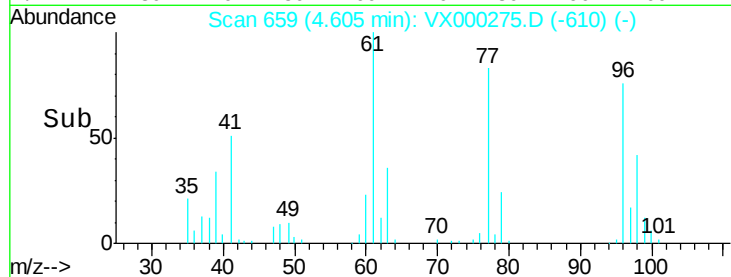
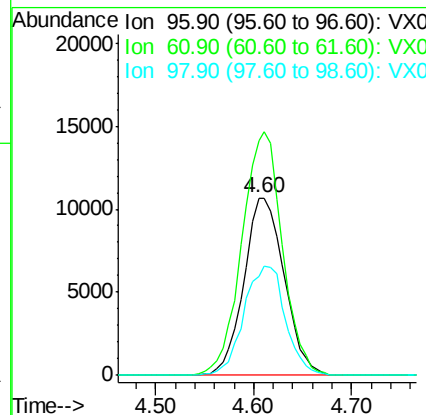
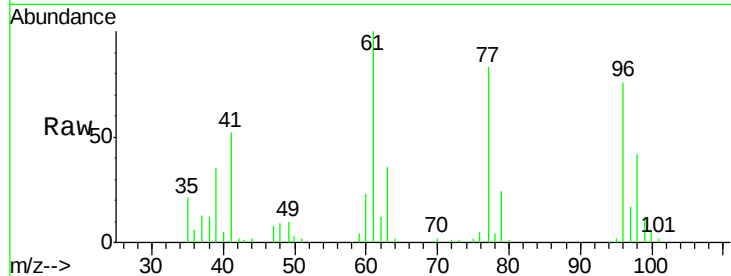
cis-1,2-Dichloroethene
 Concen: 21.31 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	296.4
98	63.1	0.0	130.6

Manual Integrations
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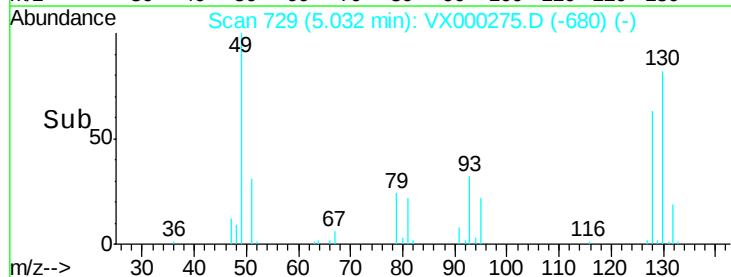
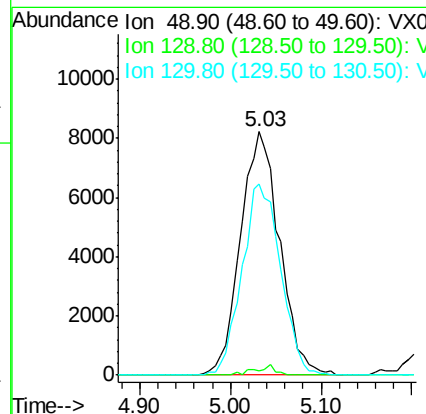
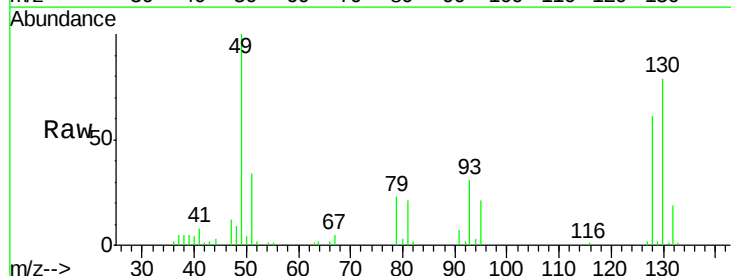
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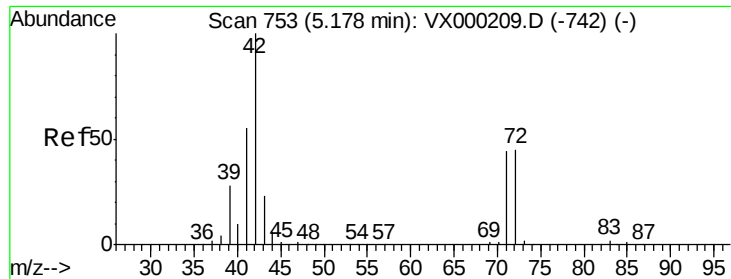


#28

Bromochloromethane
 Concen: 21.61 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	77.6	63.5	95.3





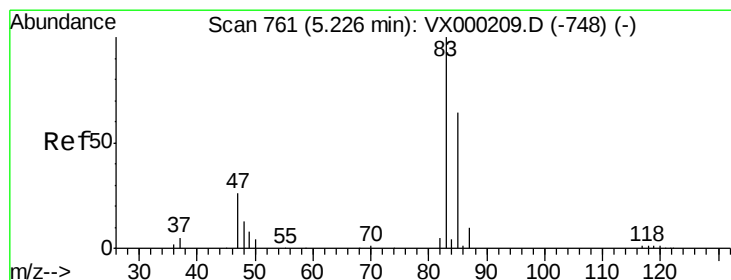
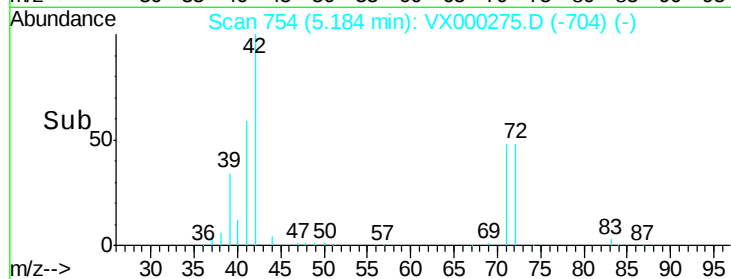
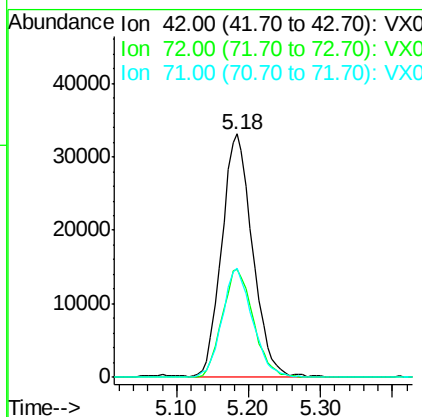
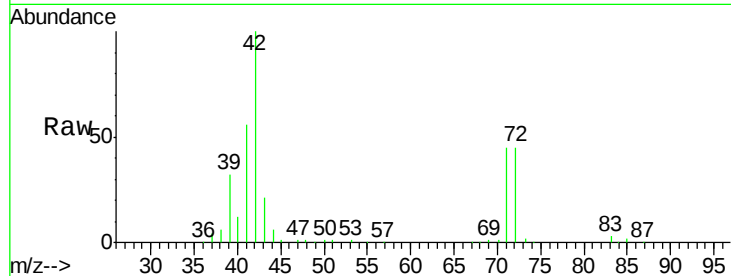
#29
Tetrahydrofuran
Concen: 97.75 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	37.3	55.9
71	44.4	35.0	52.4

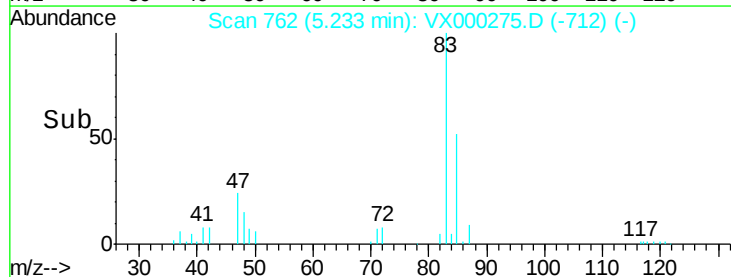
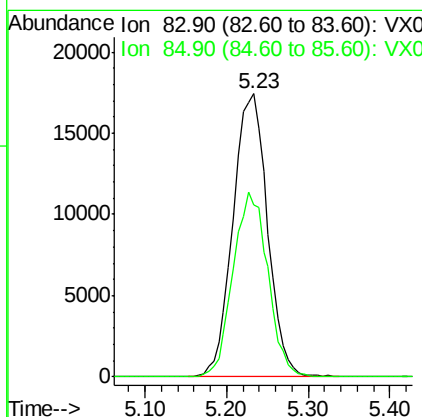
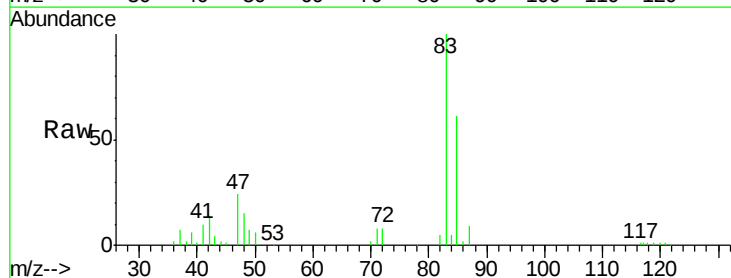
Manual Integrations
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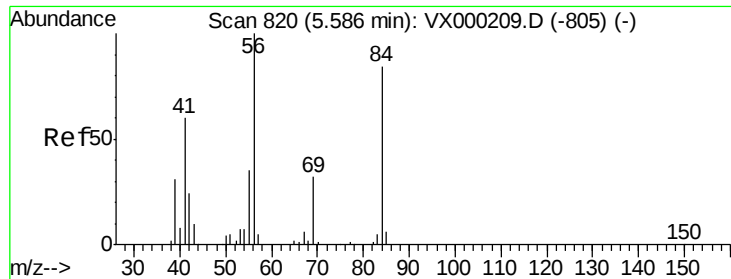
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#30
Chloroform
Concen: 19.81 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.0	76.6





#31

Cyclohexane

Concen: 19.93 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

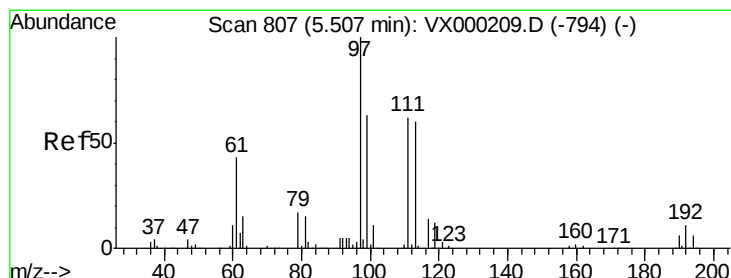
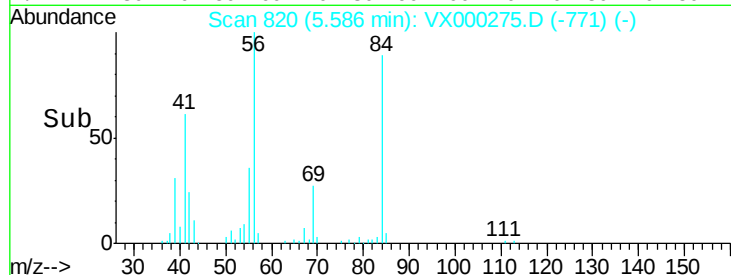
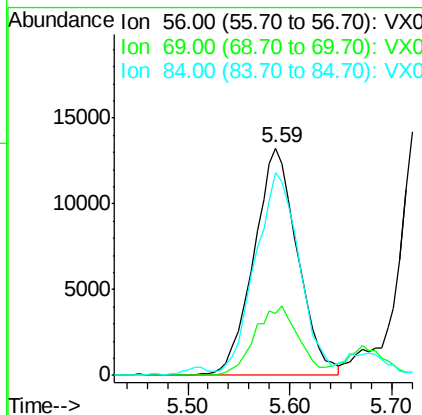
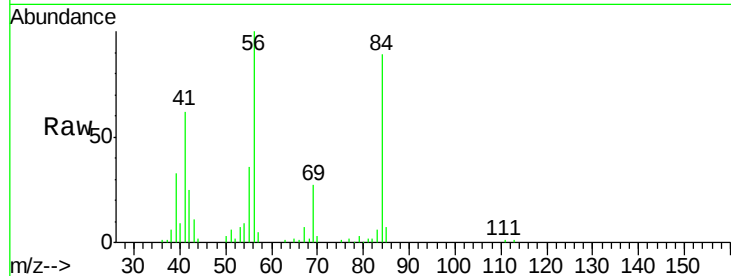
ClientSampleId :

VX0312WBS01

Tot Ion:	56	Resp:	39347
Ion Ratio	Lower	Upper	
56	100		
69	27.0	25.3	37.9
84	87.0	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.21 ug/l

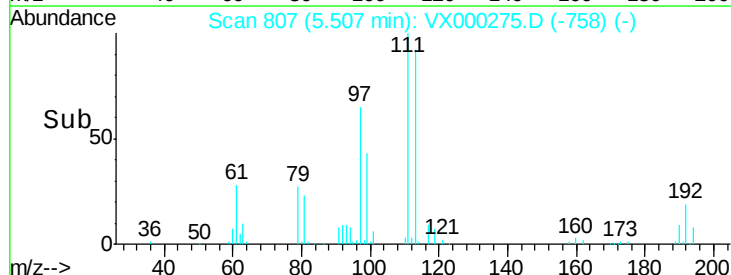
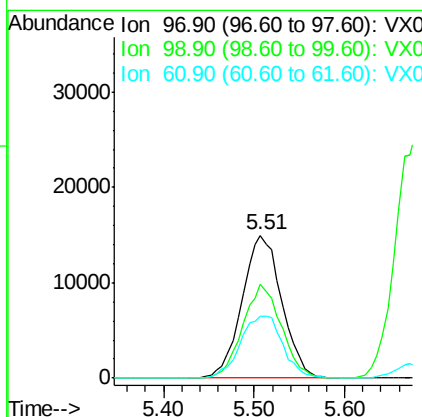
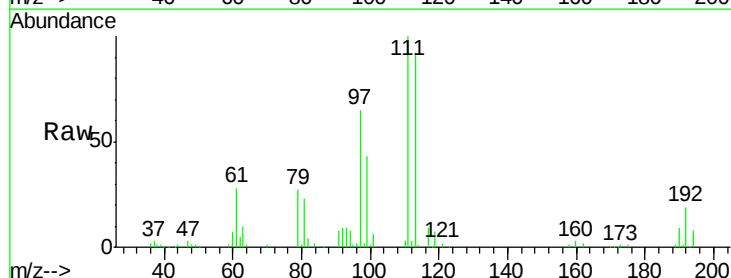
RT: 5.51 min Scan# 807

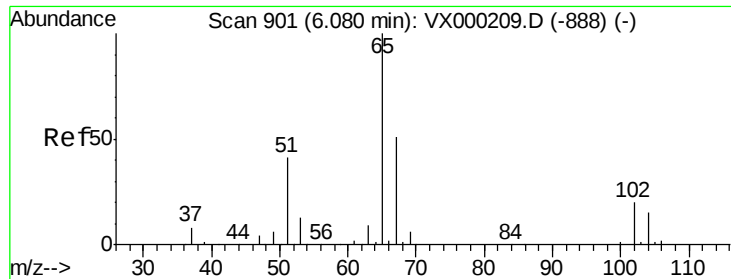
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	97	Resp:	45211
Ion Ratio	Lower	Upper	
97	100		
99	64.0	50.9	76.3
61	46.7	35.4	53.0





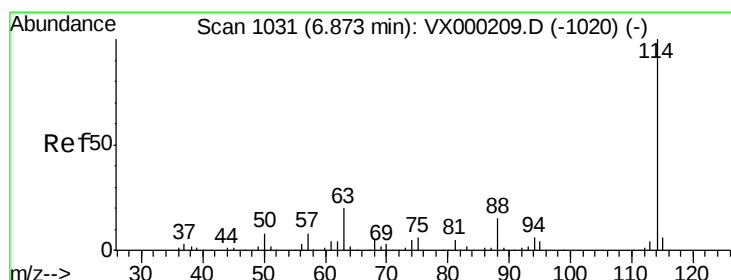
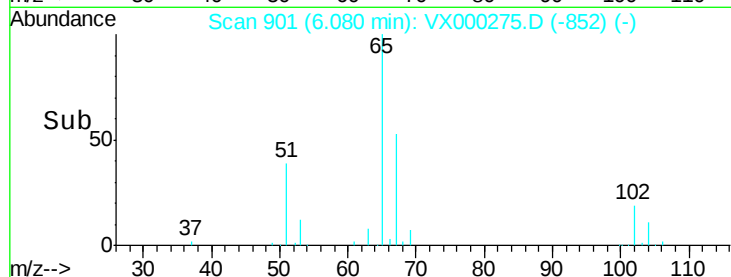
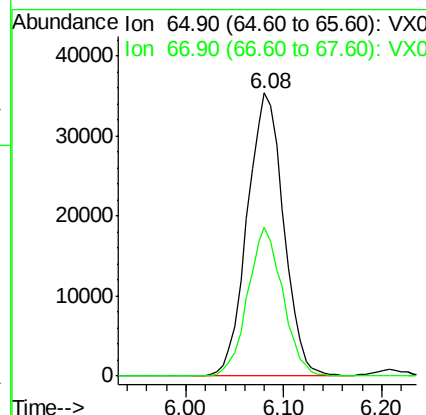
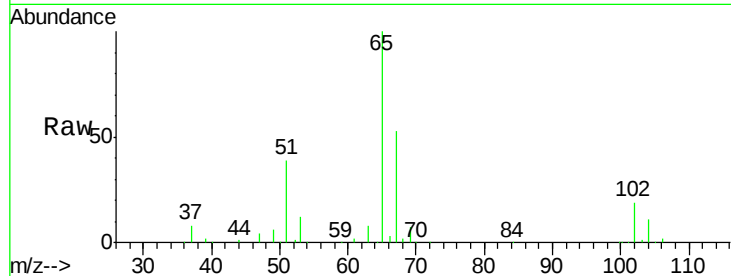
#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	103.4	

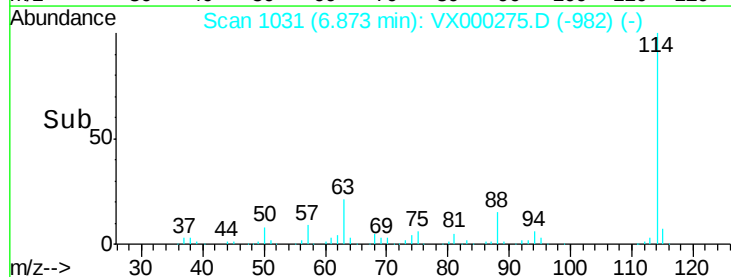
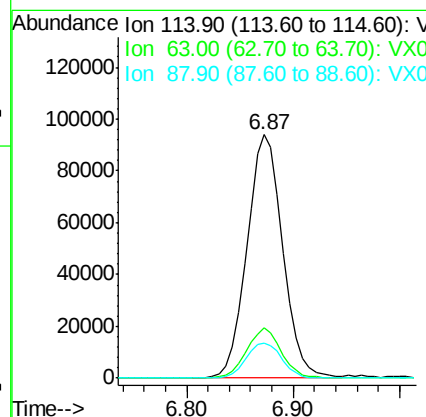
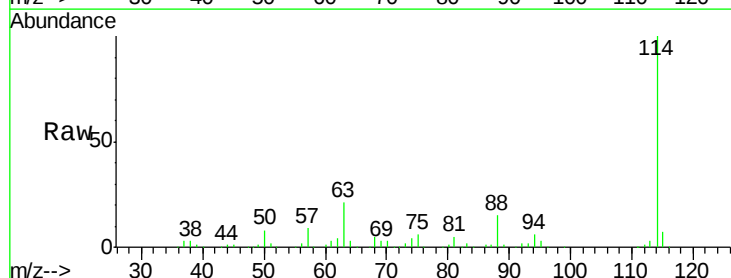
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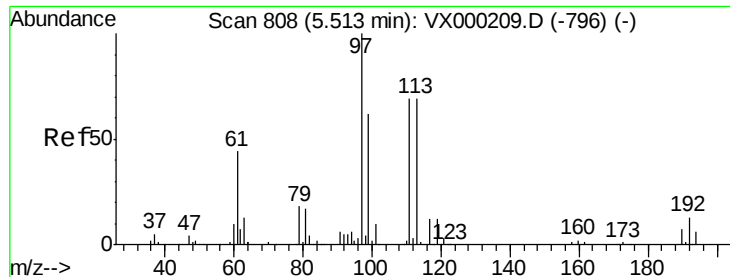
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	39.2	
88	14.5	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.10 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

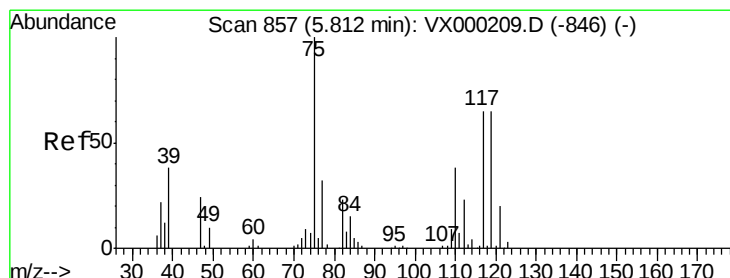
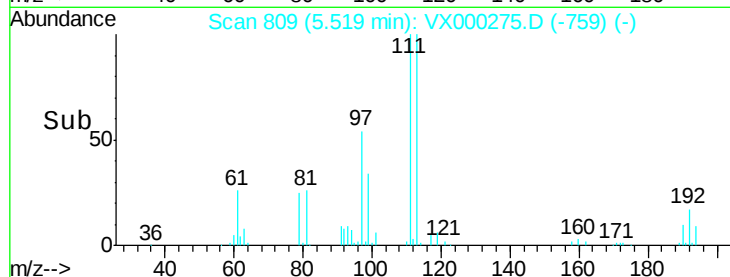
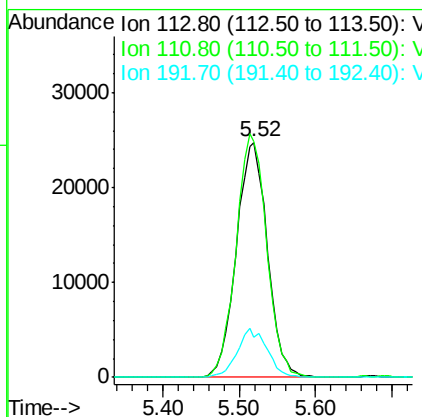
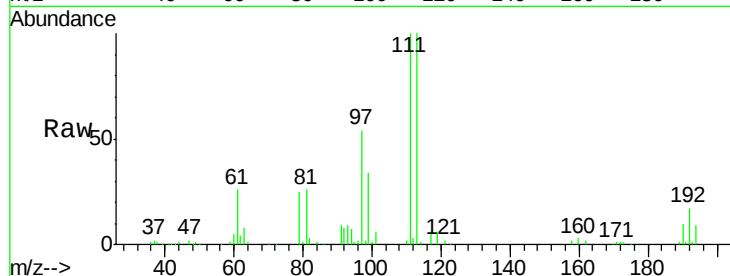
ClientSampleId :

VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	69717		
111	101.5	83.0	124.6	
192	19.8	15.5	23.3	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.98 ug/l

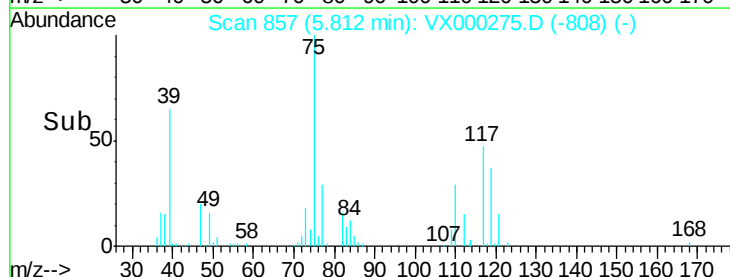
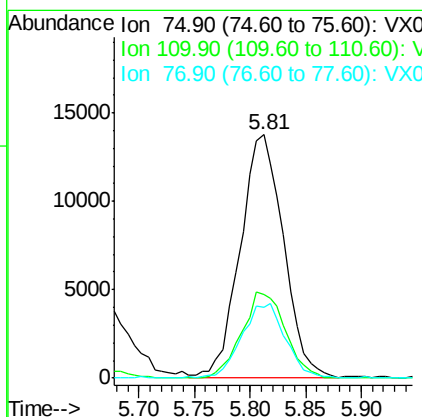
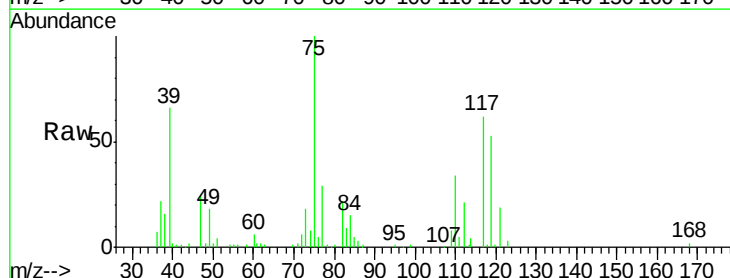
RT: 5.81 min Scan# 857

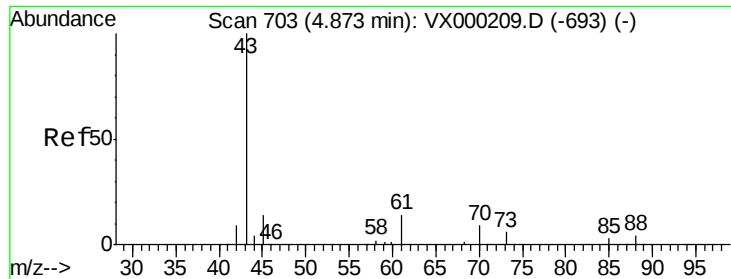
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37400		
110	35.3	17.8	53.5	
77	30.8	24.9	37.3	





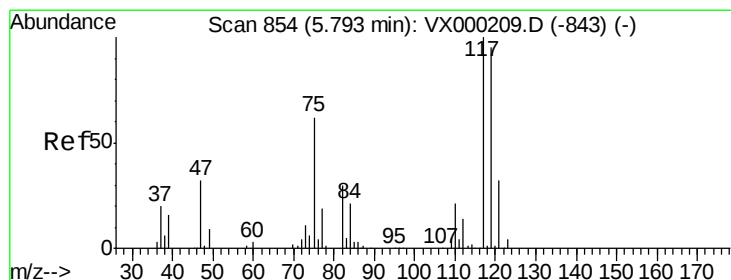
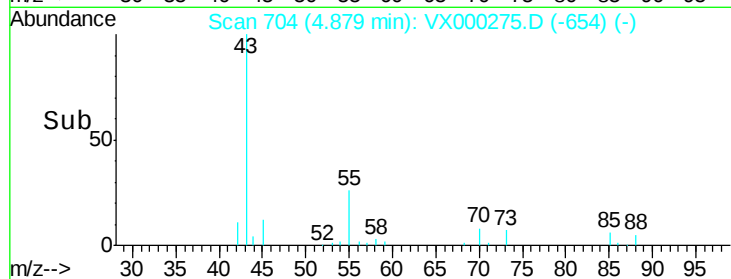
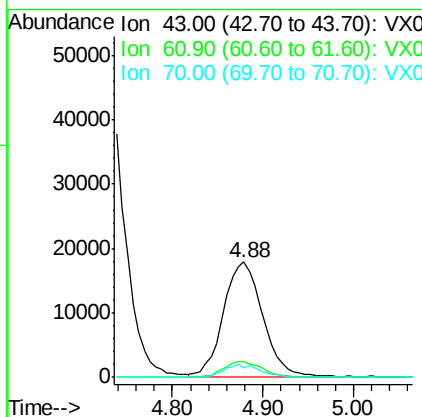
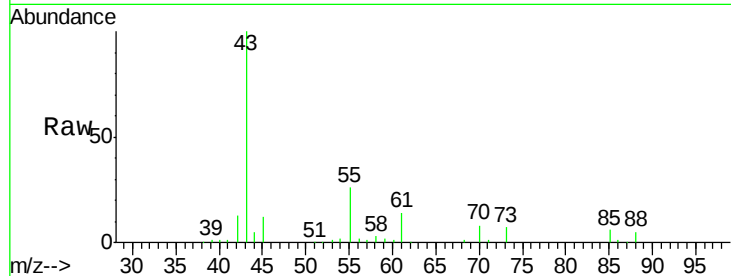
#37
Ethyl Acetate
Concen: 18.74 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	10.2	7.8	11.6

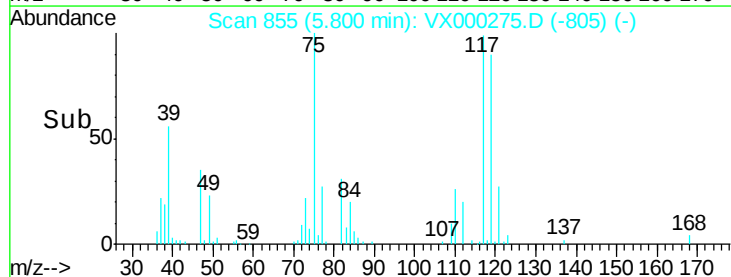
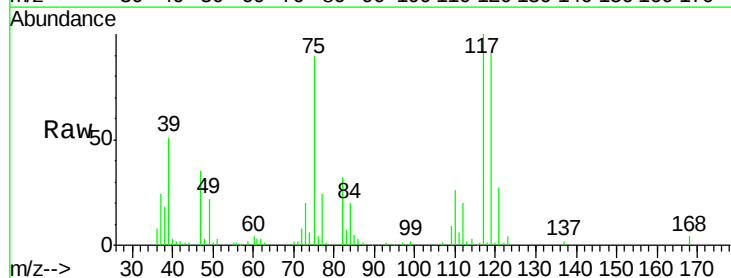
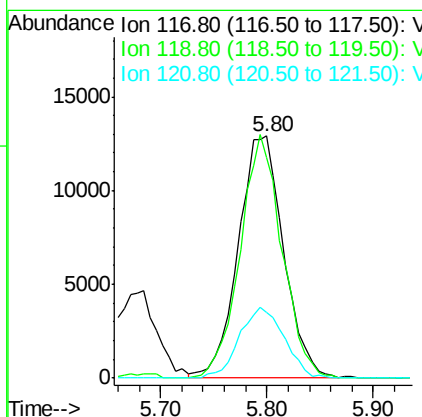
Manual Integrations
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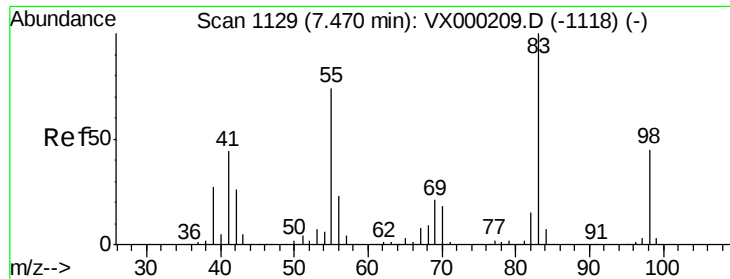
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#38
Carbon Tetrachloride
Concen: 19.29 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.9	113.9
121	27.2	25.8	38.6





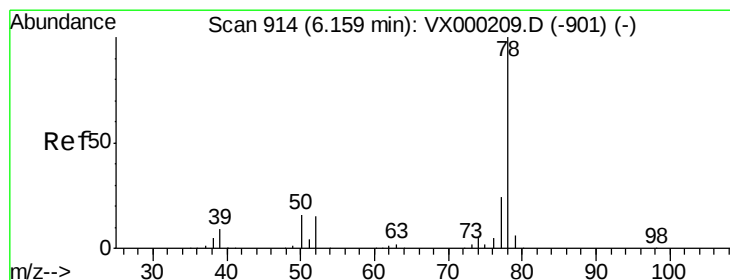
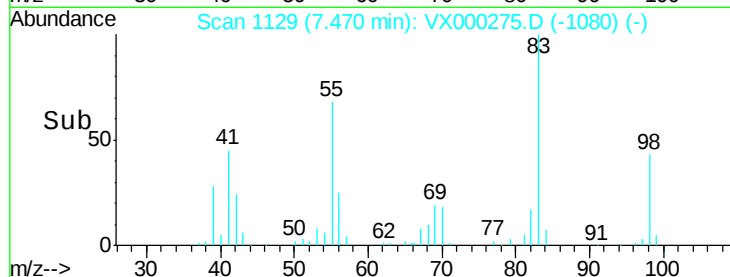
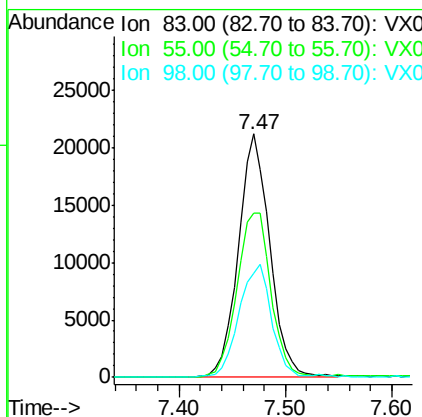
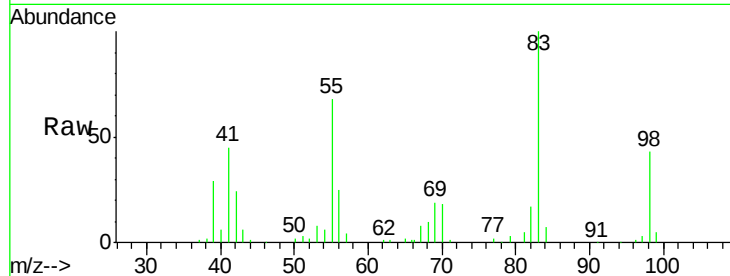
#39
Methvlcvclohexane
Concen: 18.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	83.00	Resp	44190
Ion	Ratio	Lower	Upper
83	100		
55	67.7	59.4	89.0
98	42.9	36.3	54.5

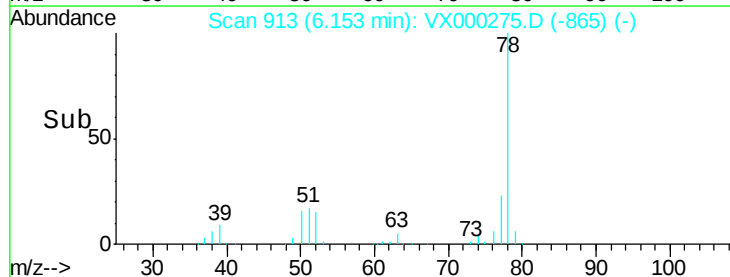
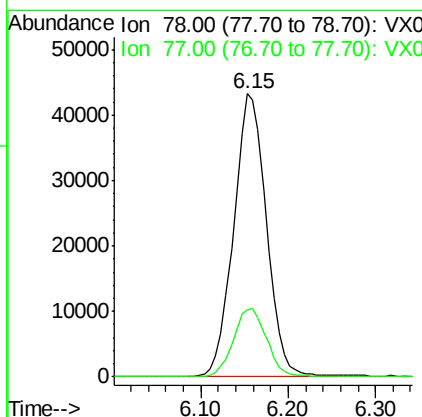
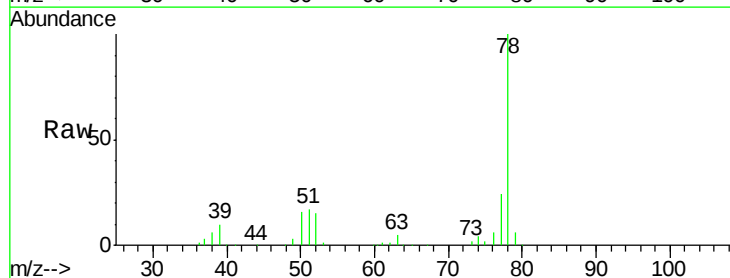
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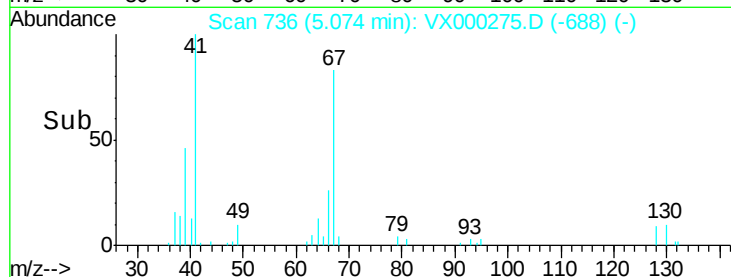
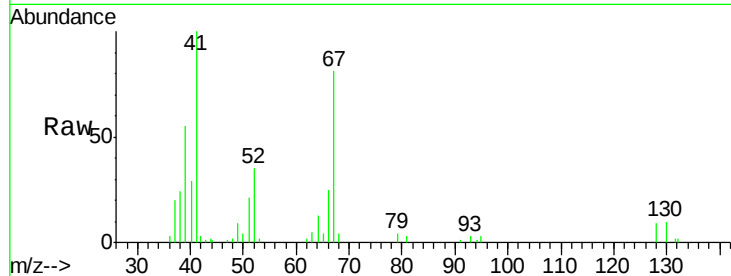
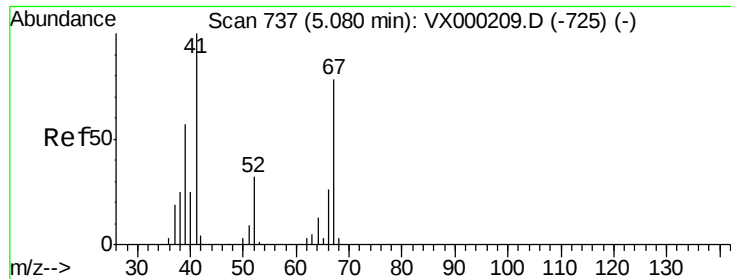
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#40
Benzene
Concen: 19.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	78	Resp	112624
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





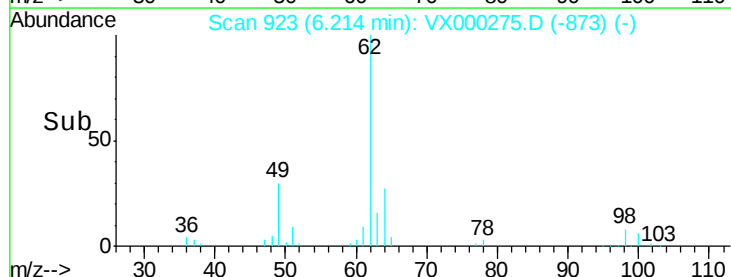
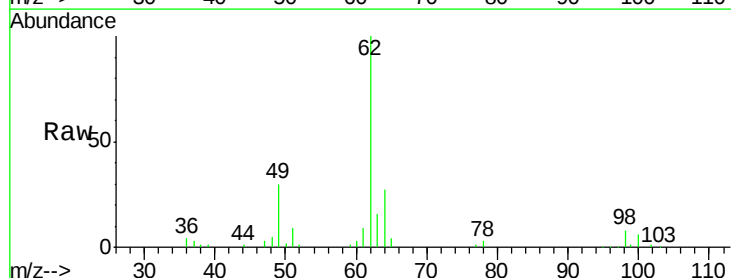
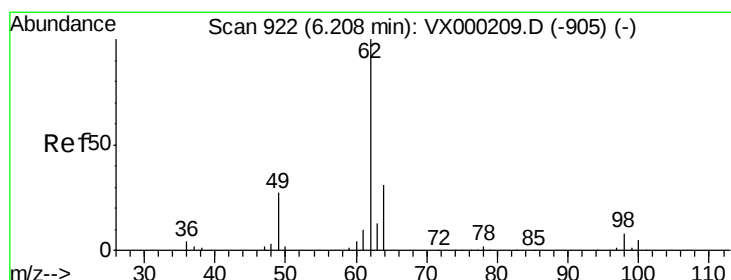
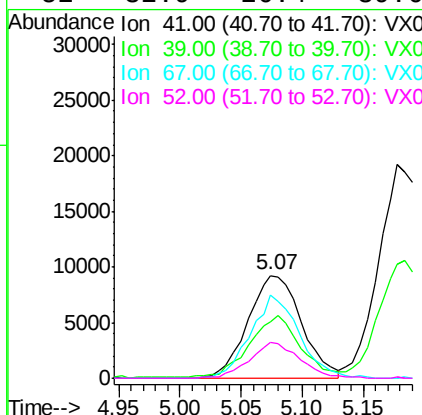
#41
Methacrylonitrile
Concen: 19.33 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tot Ion	Ion	Ratio	Lower	Upper
28072	41	100		
	39	56.8	47.8	71.6
	67	74.3	59.3	88.9
	52	32.9	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

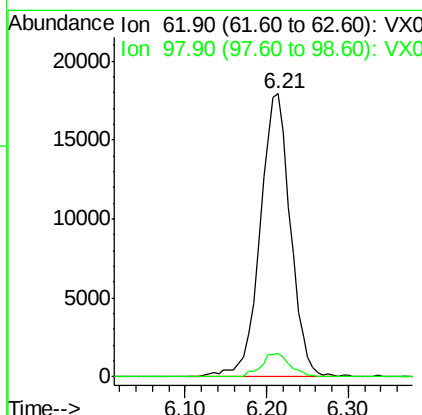
Manual Integrations
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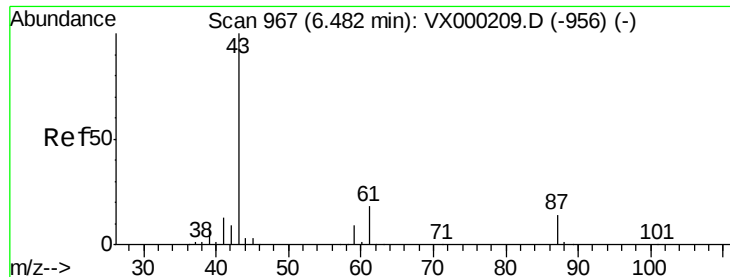
apatel
3/13/2018 10:58:38 AM



#42
1,2-Dichloroethane
Concen: 20.78 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
46327	62	100		
	98	7.9	0.0	16.2





#43

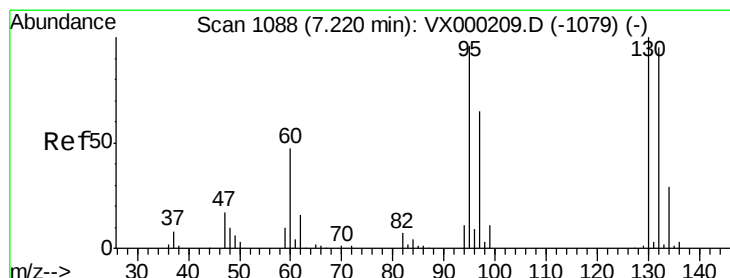
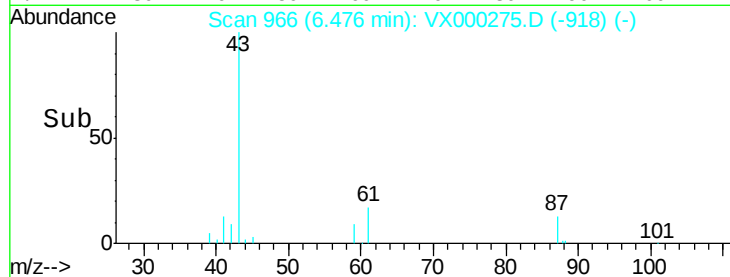
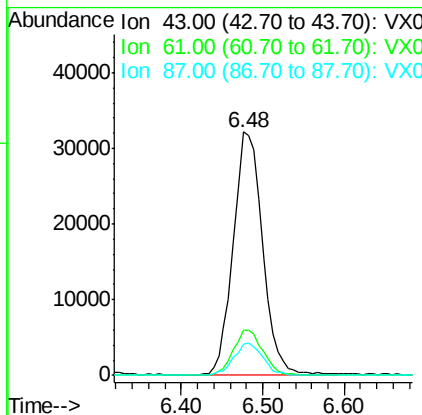
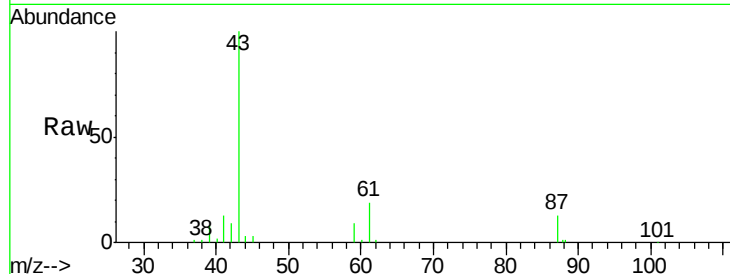
Isopropyl Acetate
 Concen: 19.51 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	13.0	10.6	16.0

Manual Integrations
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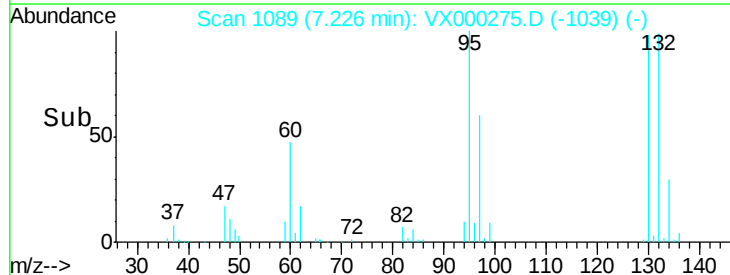
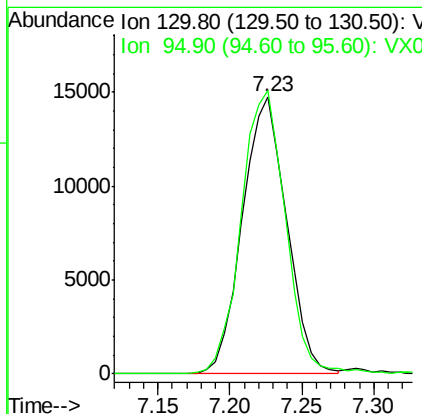
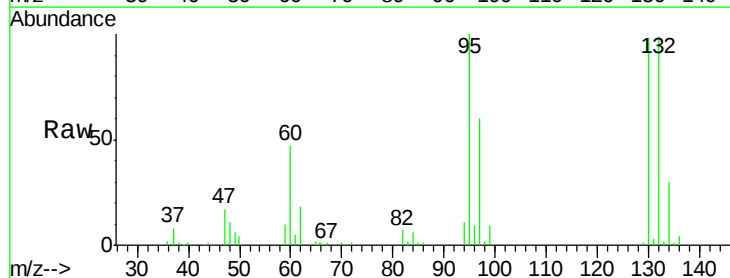
apatel
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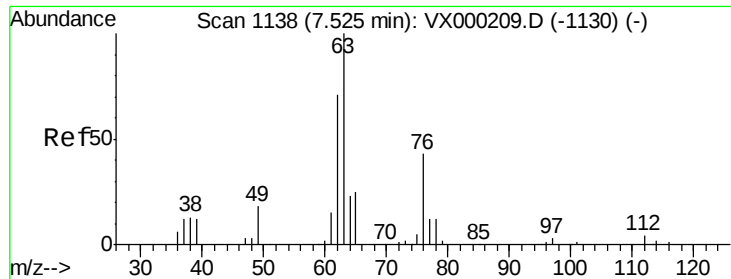


#44

Trichloroethene
 Concen: 19.24 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	191.8





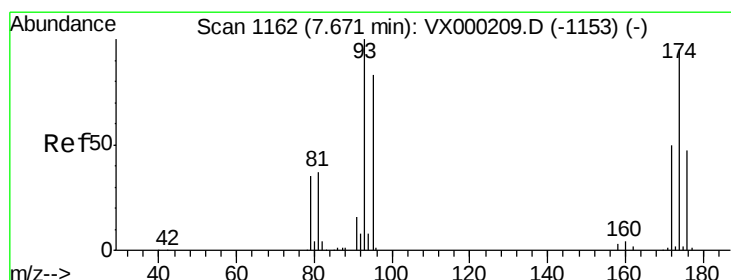
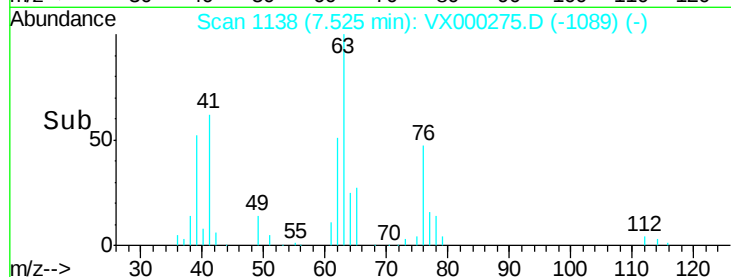
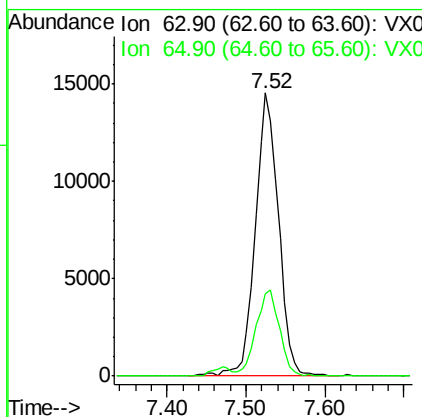
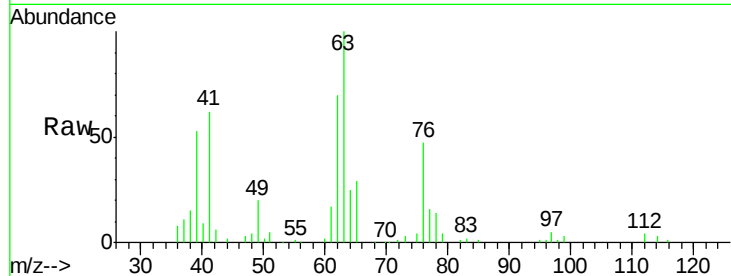
#45
 1,2-Dichloropropane
 Concen: 20.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion: 63 Resp: 29699
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.3 33.5

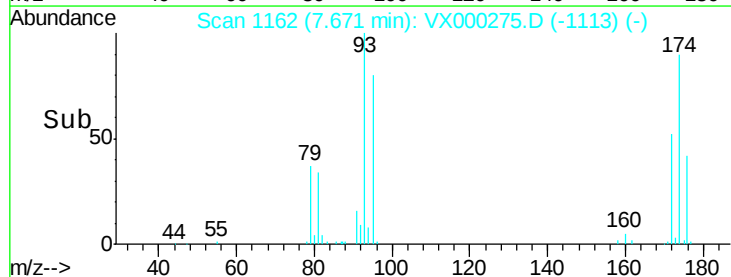
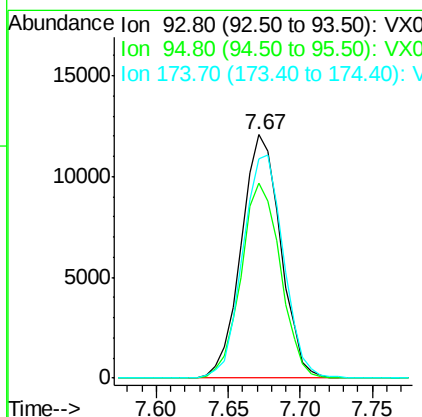
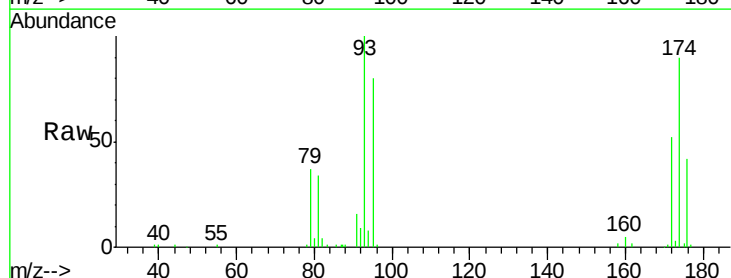
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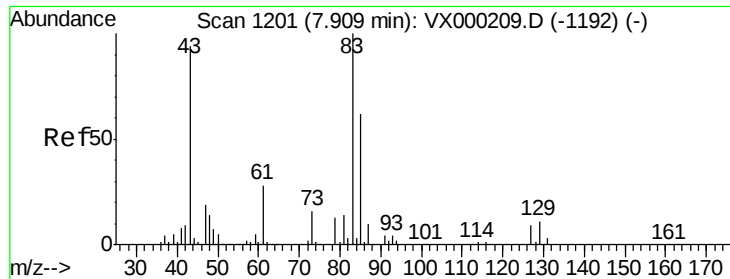
apatel
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#46
 Dibromomethane
 Concen: 20.07 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 93 Resp: 22855
 Ion Ratio Lower Upper
 93 100
 95 79.8 64.1 96.1
 174 94.6 75.8 113.8





#47

Bromodichloromethane

Concen: 19.66 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

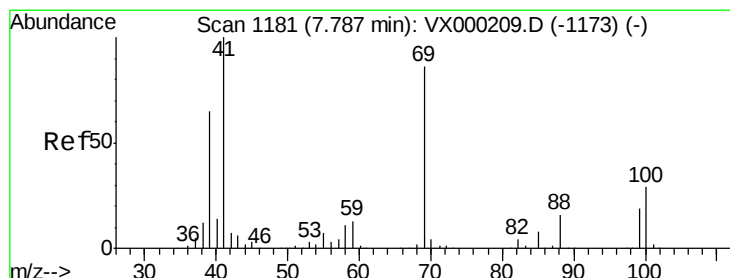
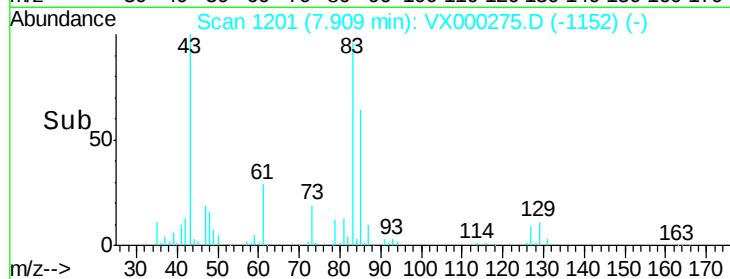
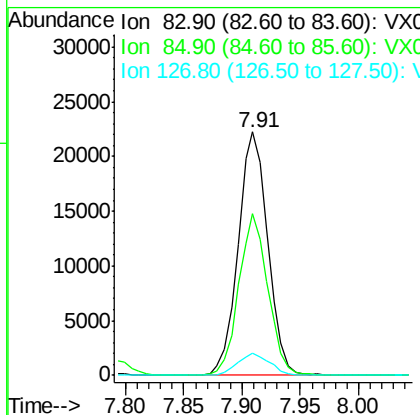
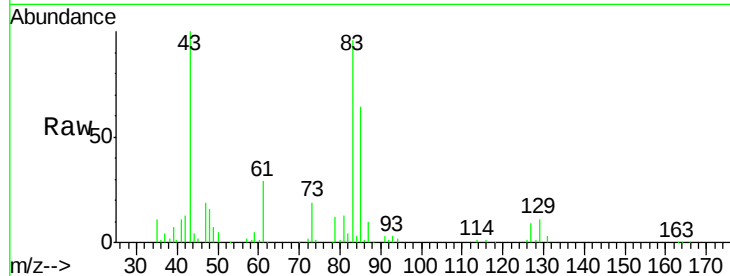
ClientSampleId :

VX0312WBS01

Tot Ion:	83	Resp:	39394
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.6	74.4
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.33 ug/l

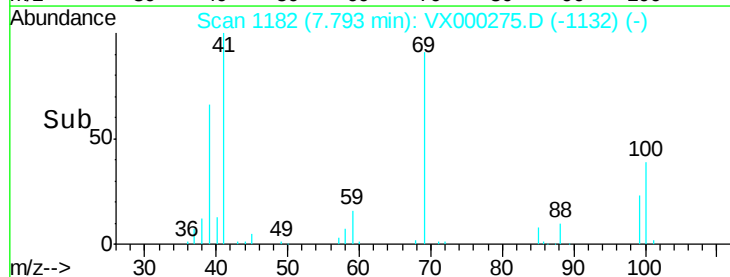
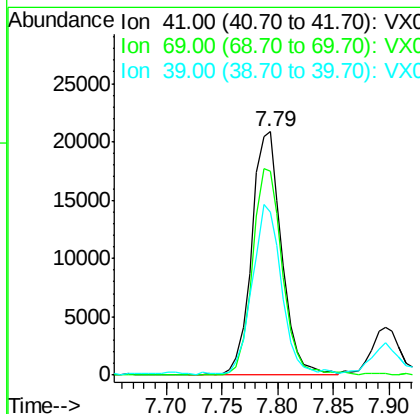
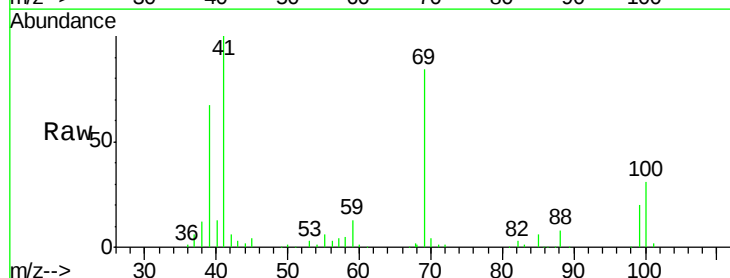
RT: 7.79 min Scan# 1182

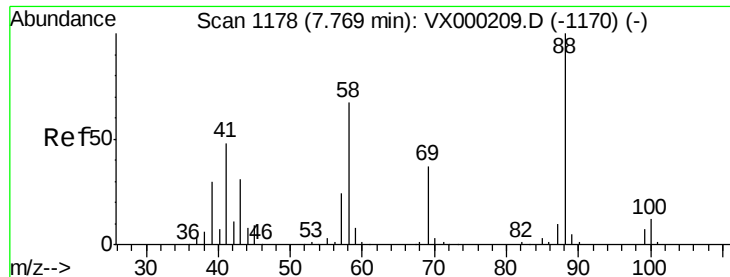
Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	41	Resp:	39210
Ion	Ratio	Lower	Upper
41	100		
69	84.8	70.0	105.0
39	67.3	53.6	80.4





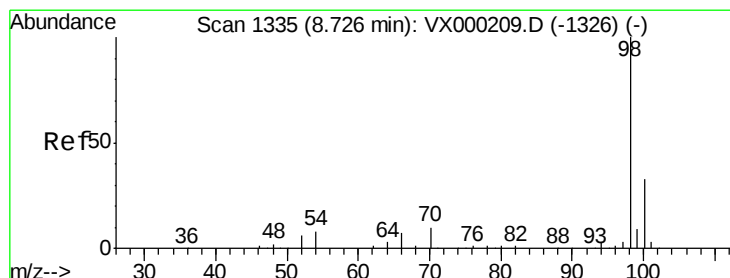
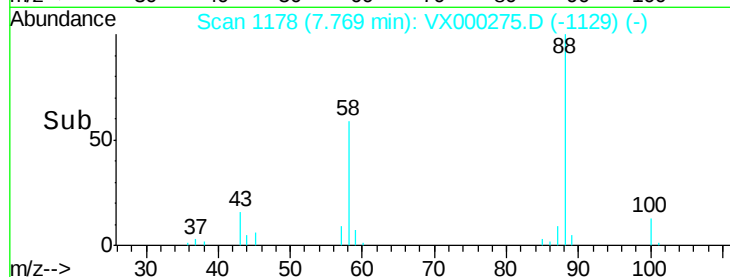
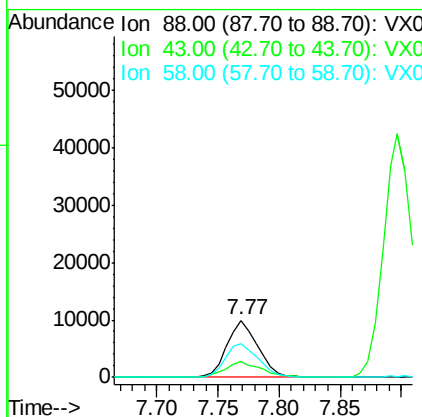
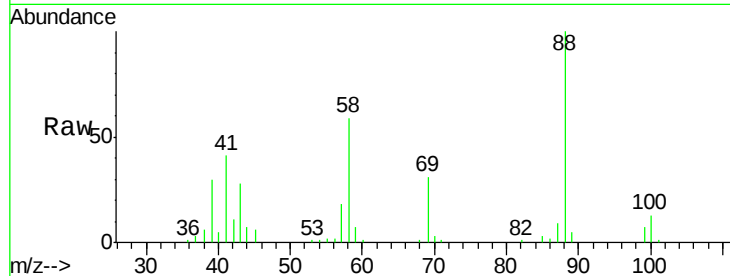
#49
1,4-Dioxane
Concen: 377.87 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.9	40.3
58	63.8	52.2	78.4

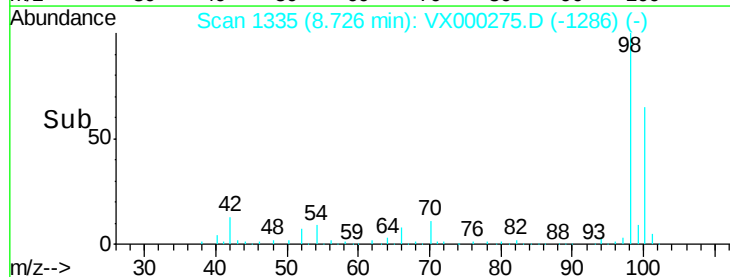
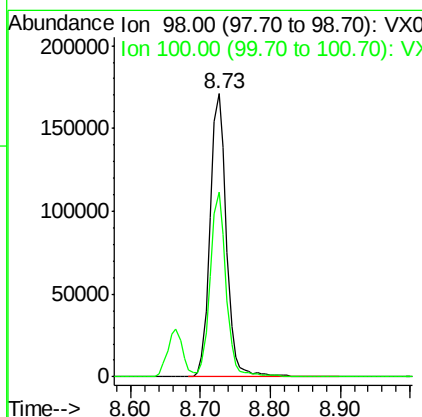
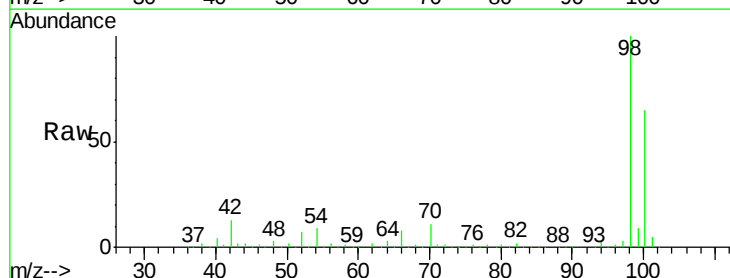
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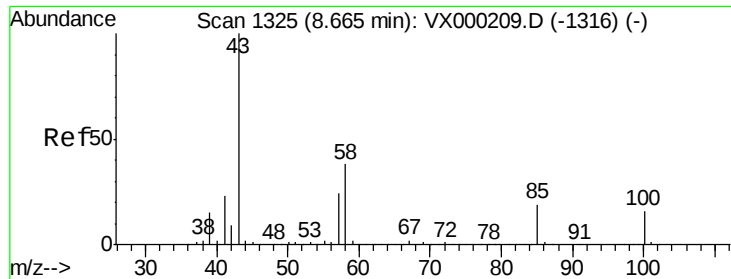
apatel
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#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 99.22 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 308396

Ion Ratio Lower Upper

43 100

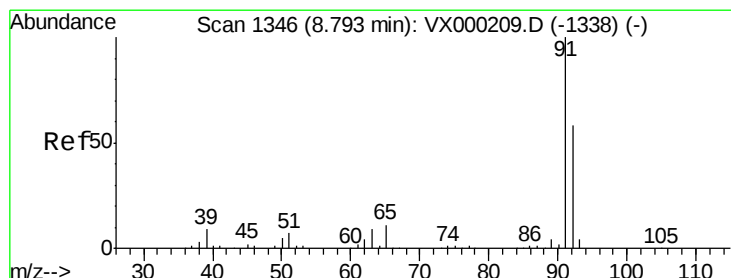
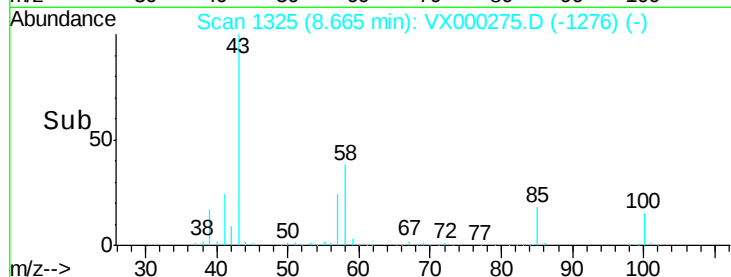
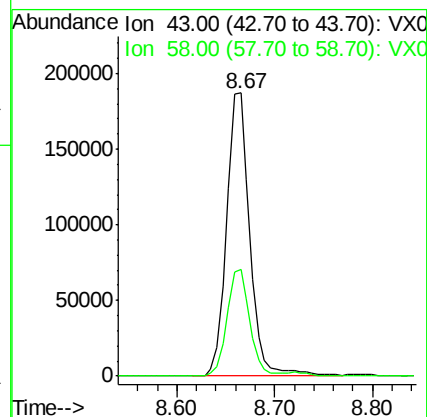
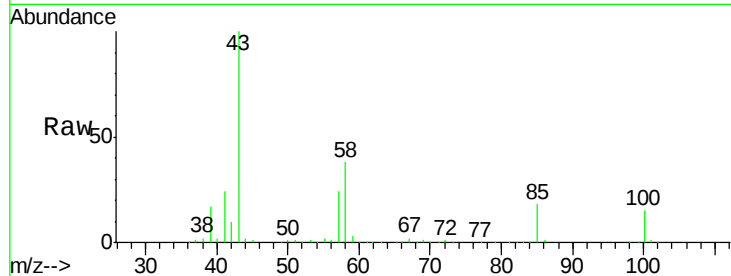
58 36.9 30.2 45.2

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#52

Toluene

Concen: 19.59 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000275.D

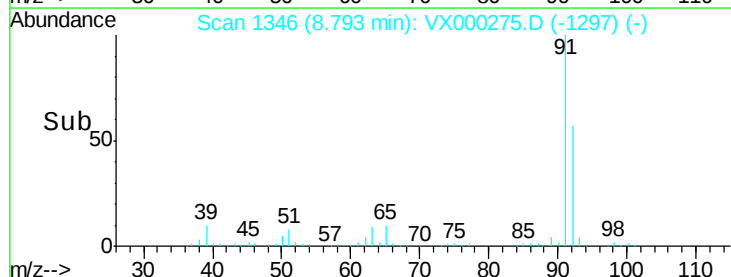
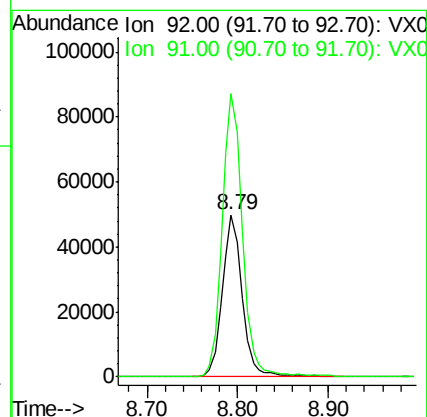
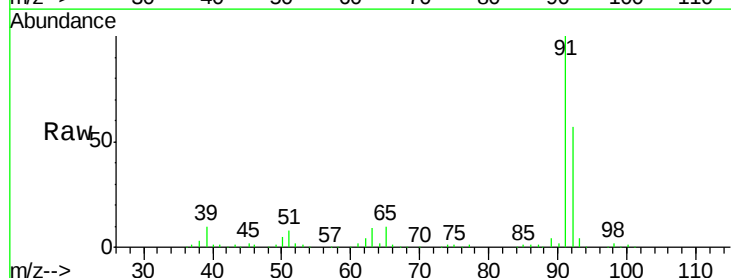
Acq: 12 Mar 2018 13:23

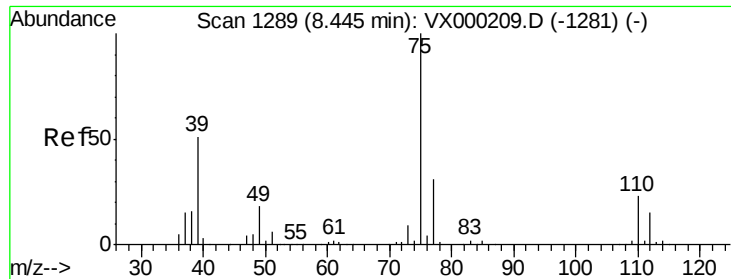
Tgt Ion: 92 Resp: 76316

Ion Ratio Lower Upper

92 100

91 179.8 139.0 208.6





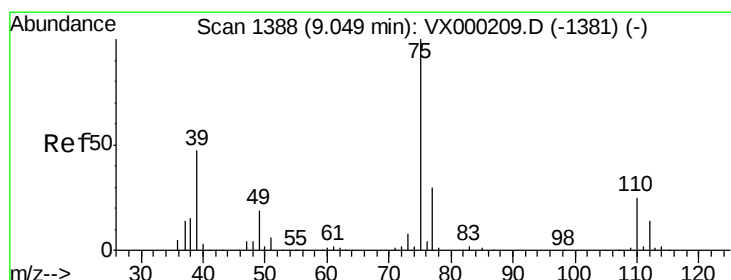
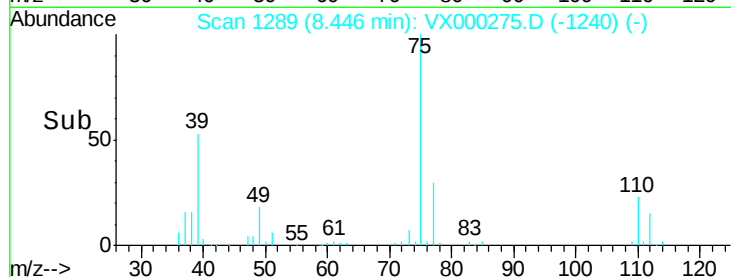
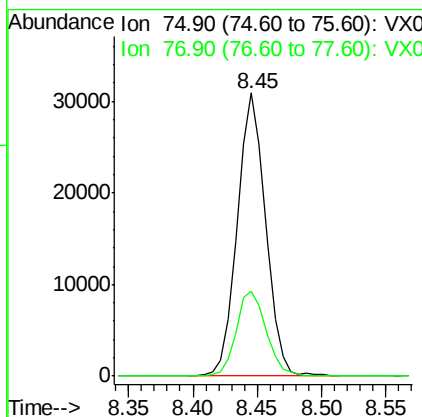
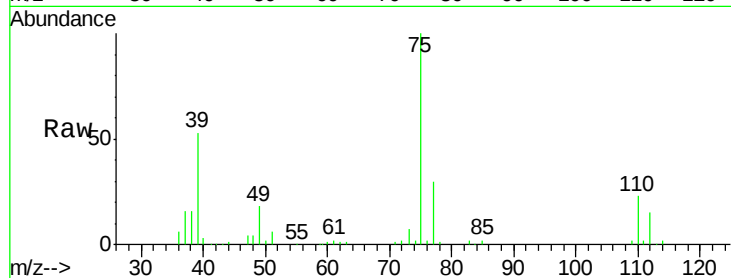
#53
 t-1,3-Dichloropropene
 Concen: 19.96 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion: 75 Resp: 47130
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.8 37.2

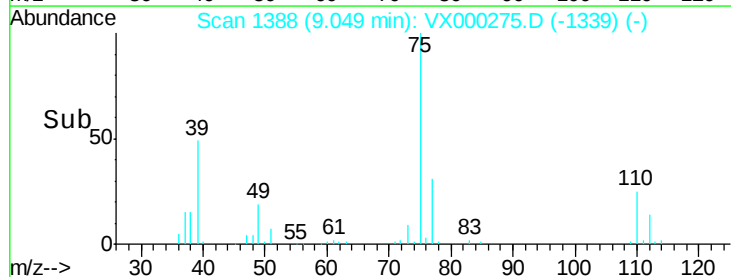
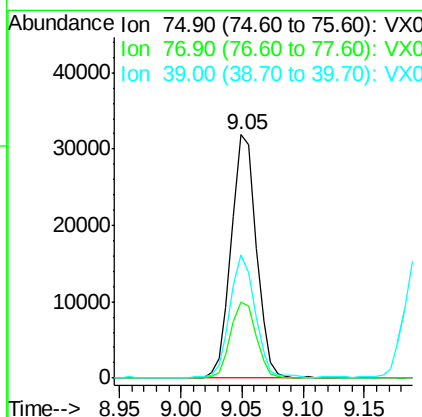
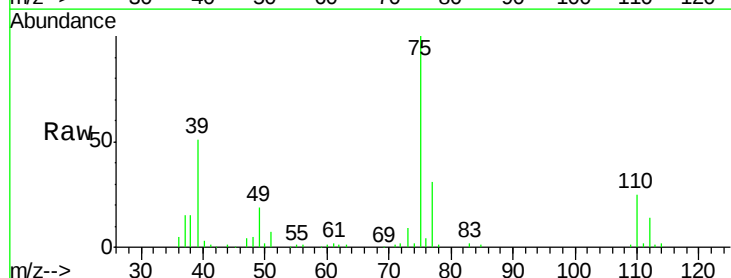
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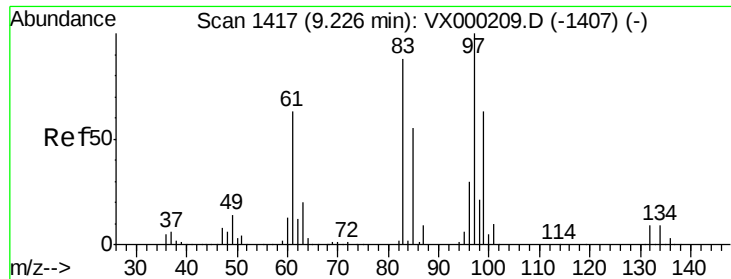
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#54
 cis-1,3-Dichloropropene
 Concen: 19.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 75 Resp: 45277
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.9 35.9
 39 50.2 37.4 56.2





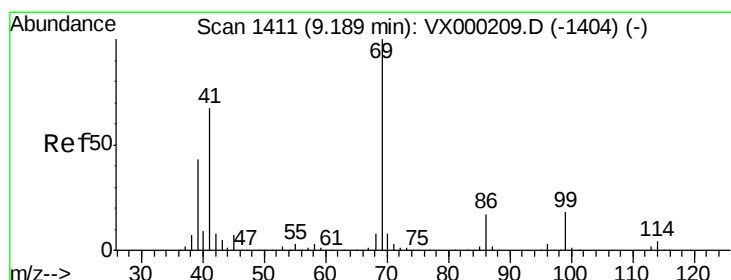
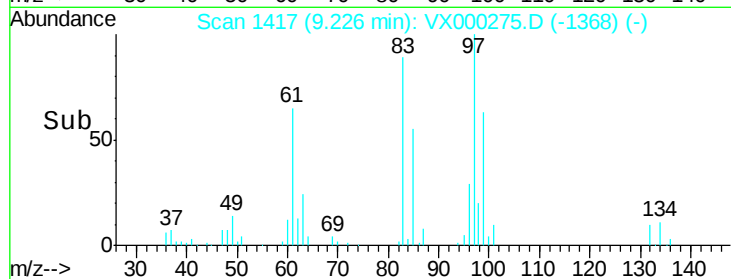
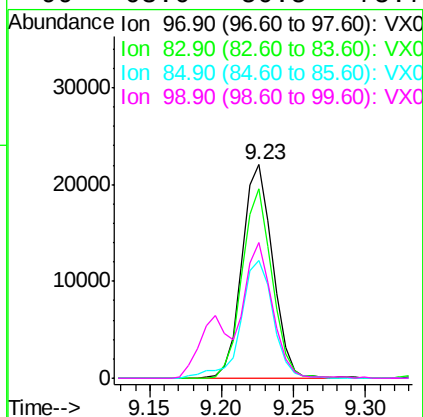
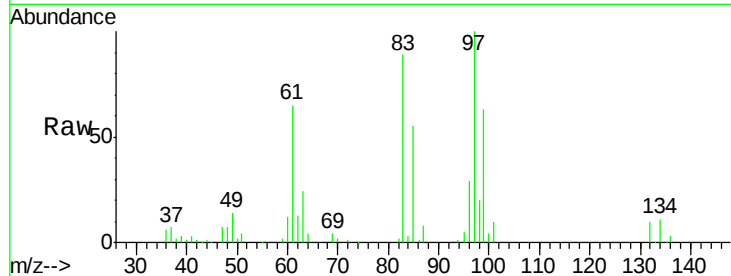
#55
 1,1,2-Trichloroethane
 Concen: 20.65 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion:	97	Resp:	32593
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.4	105.6
85	55.2	43.9	65.9
99	63.0	50.5	75.7

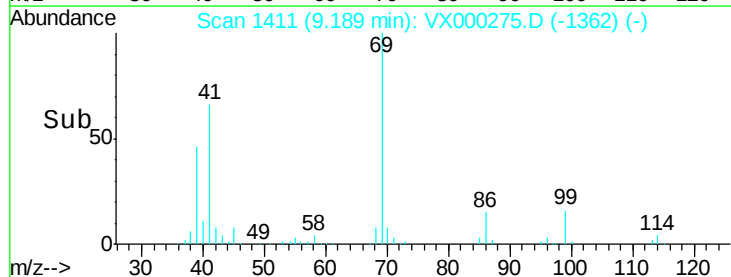
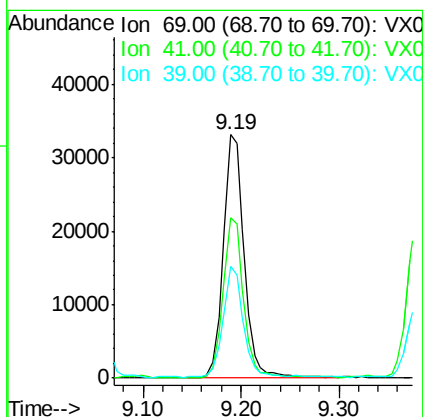
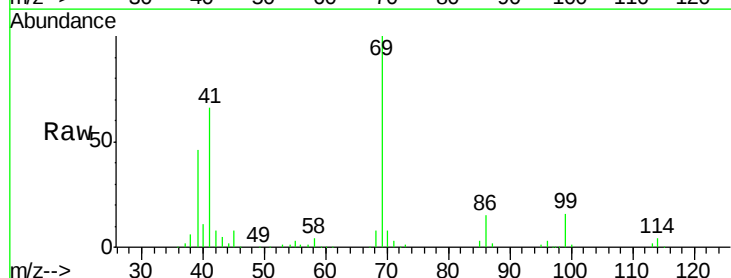
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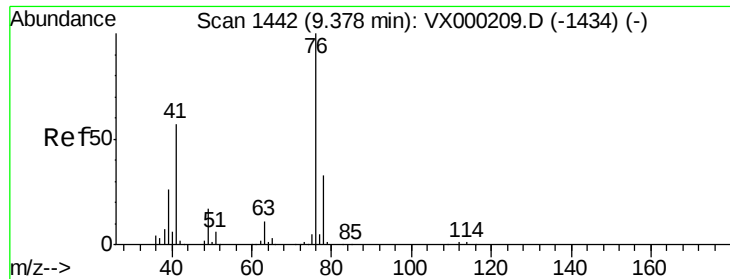
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#56
 Ethyl methacrylate
 Concen: 20.78 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion:	69	Resp:	49076
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.2	78.2
39	43.2	34.3	51.5





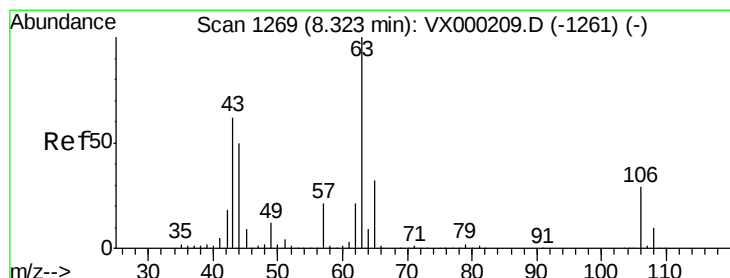
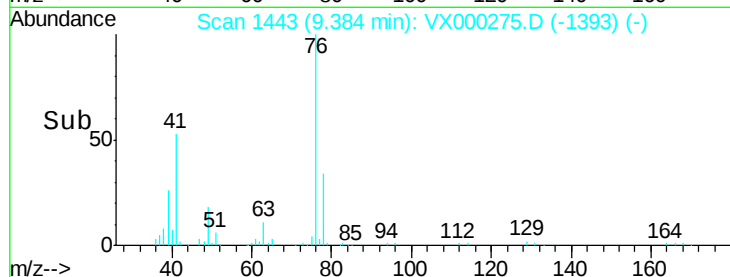
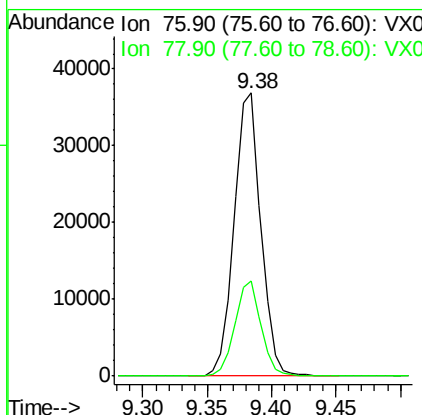
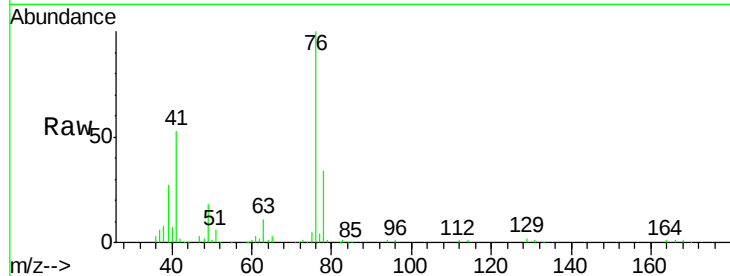
#57
 1,3-Dichloropropane
 Concen: 20.16 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion: 76 Resp: 53415
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

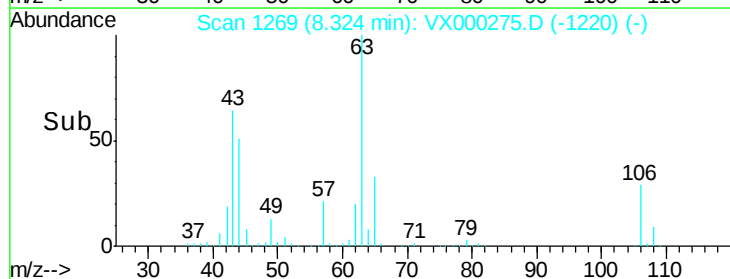
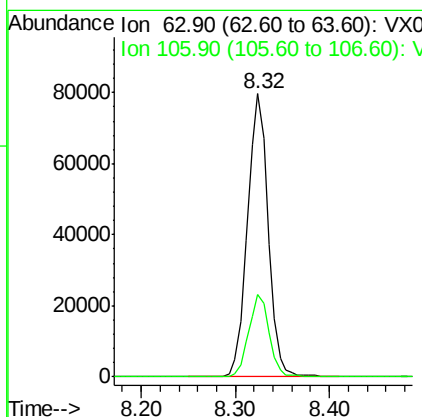
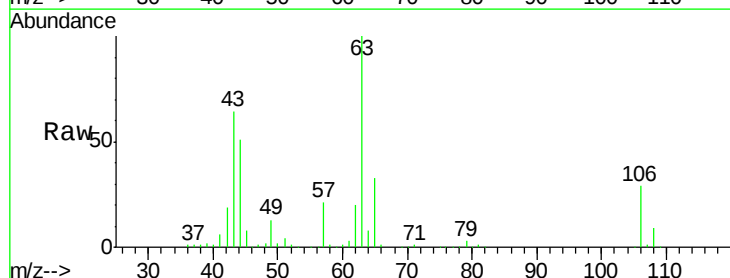
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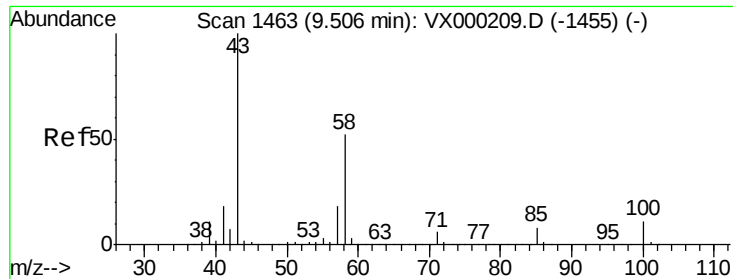
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.53 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 63 Resp: 123437
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8





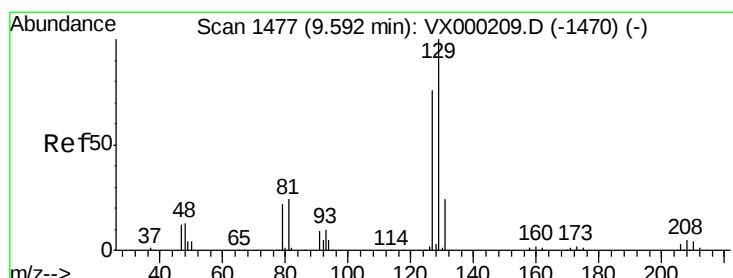
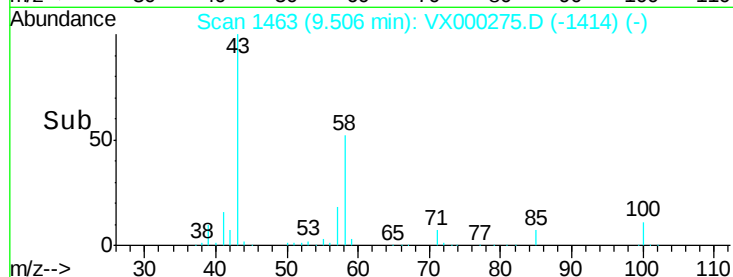
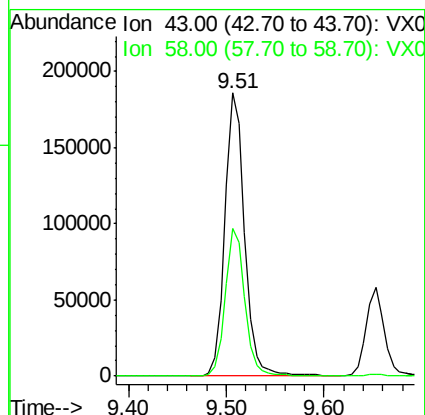
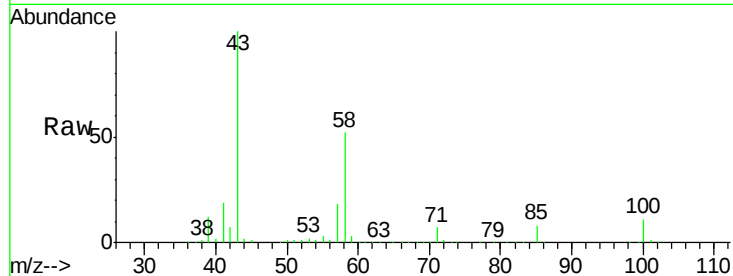
#59
2-Hexanone
Concen: 98.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion: 43 Resp: 260309
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7

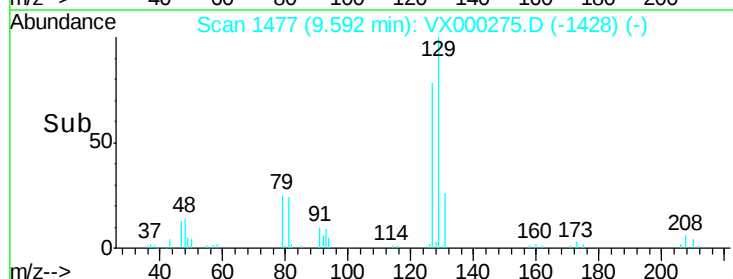
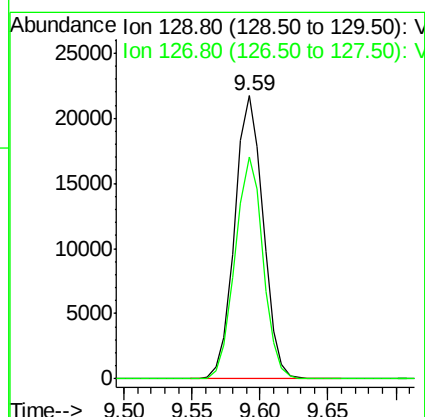
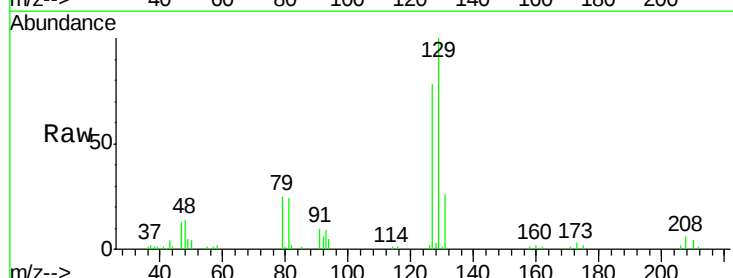
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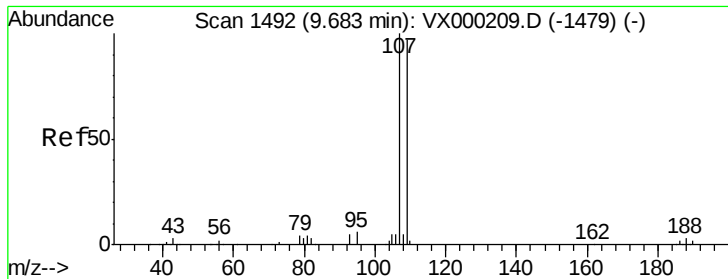
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#60
Dibromochloromethane
Concen: 19.08 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 129 Resp: 31738
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





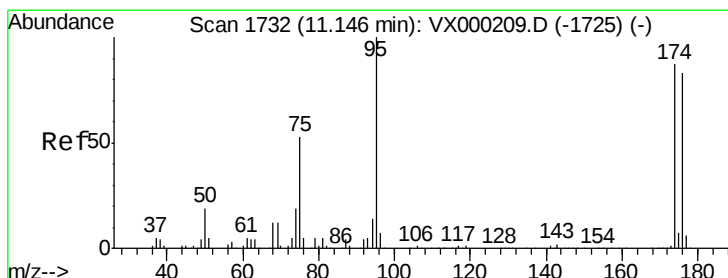
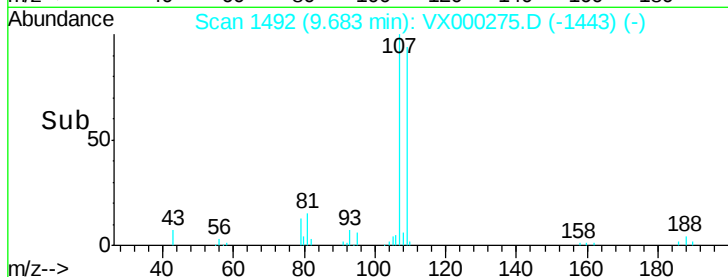
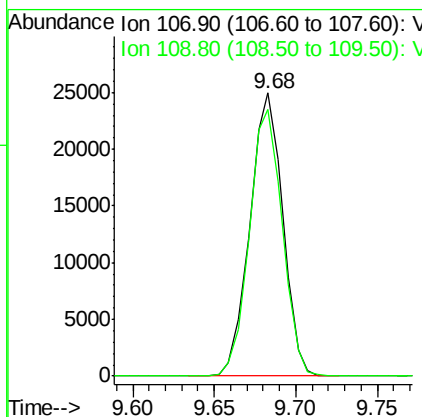
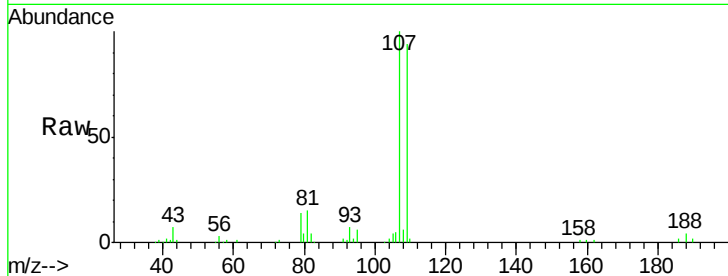
#61
 1,2-Dibromoethane
 Concen: 20.02 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion:107 Resp: 35079
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.8 115.2

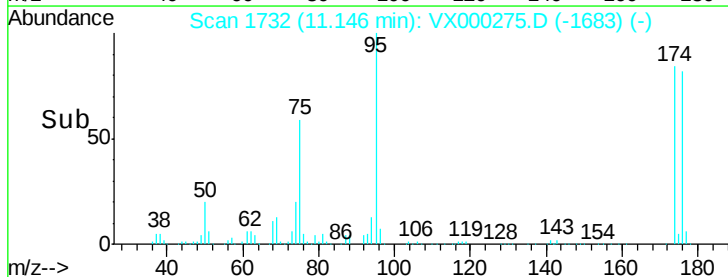
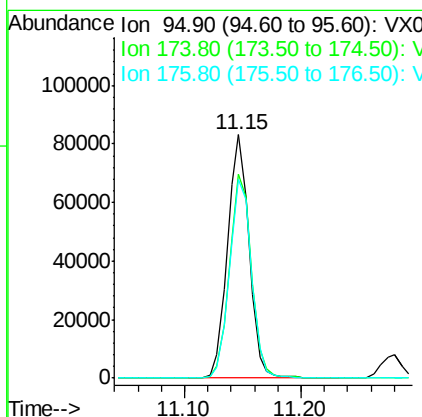
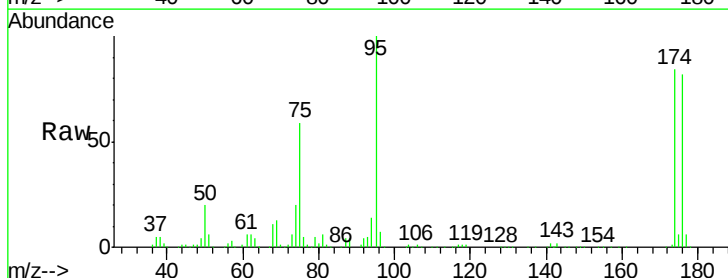
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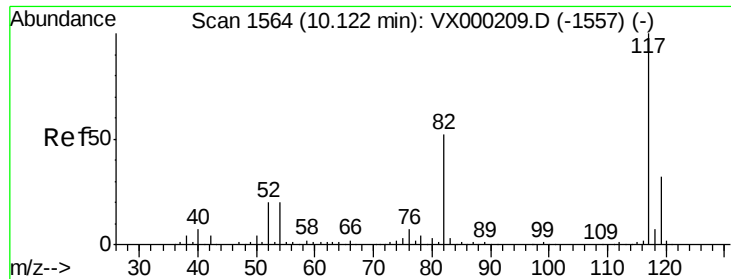
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.52 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 95 Resp: 106884
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 175.6
 176 83.7 0.0 171.0





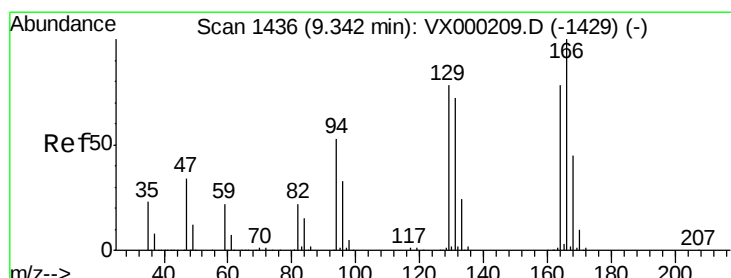
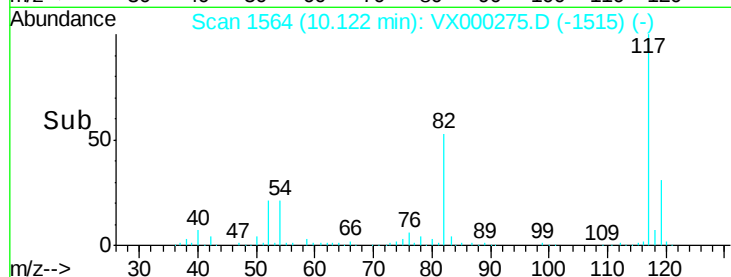
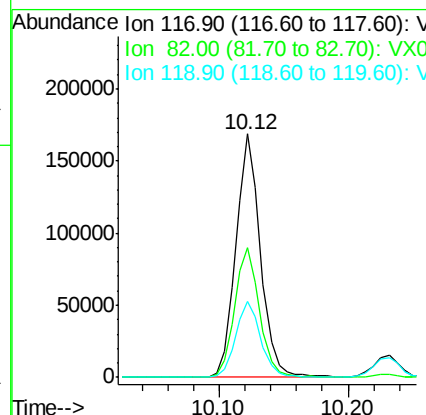
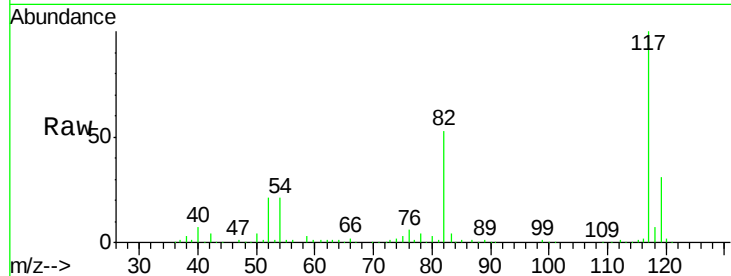
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	31.4	25.3	37.9

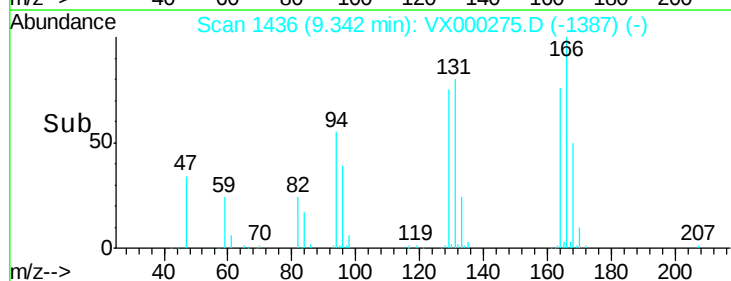
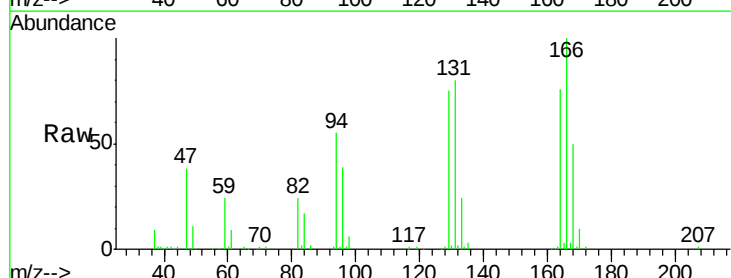
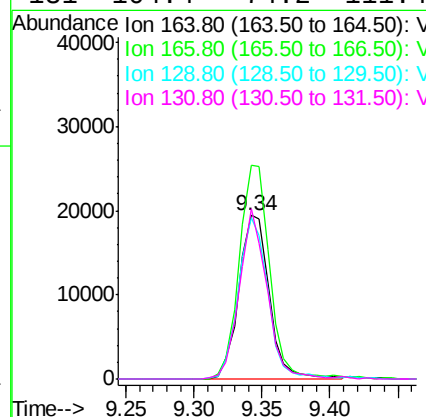
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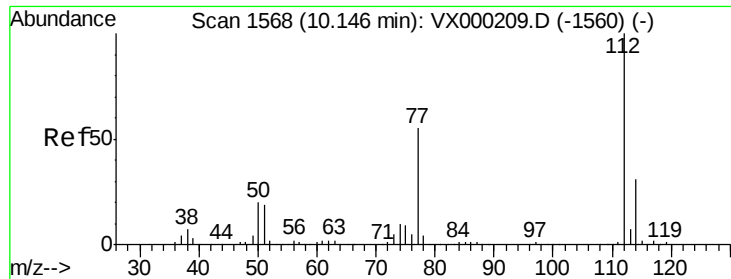
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#64
Tetrachloroethene
Concen: 19.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	103.0	154.6
129	98.5	80.2	120.4
131	104.4	74.2	111.4





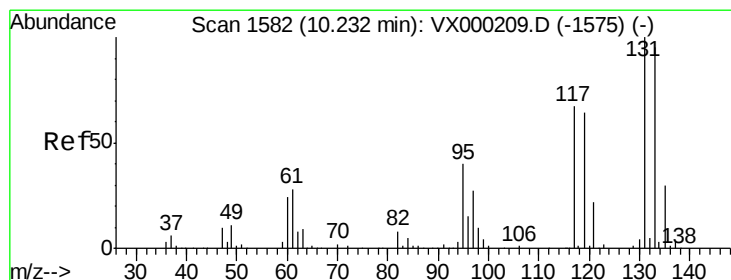
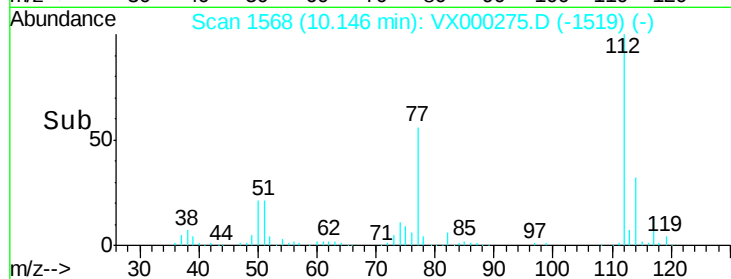
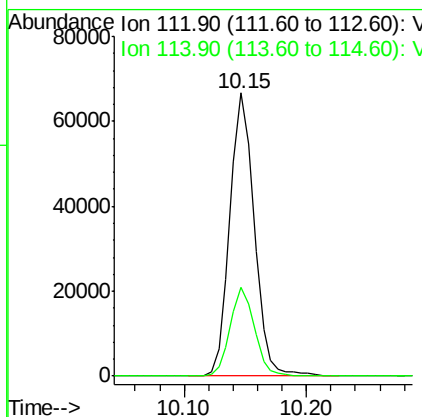
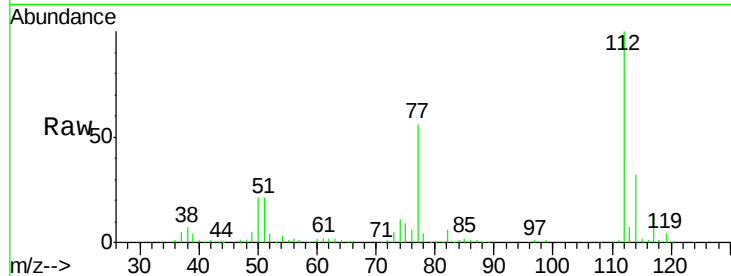
#65
Chlorobenzene
Concen: 20.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VX0312WBS01

Tot Ion:112 Resp: 92129
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

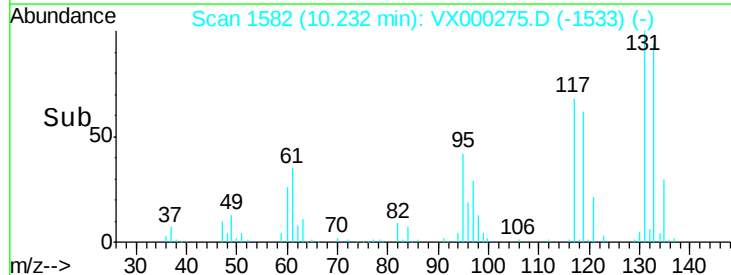
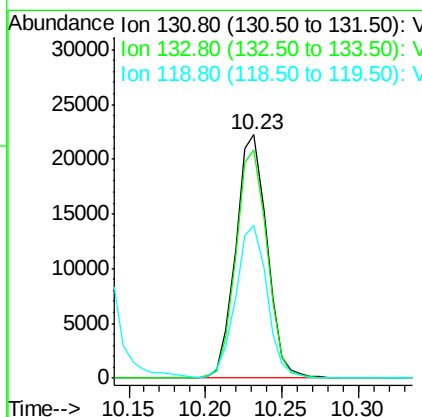
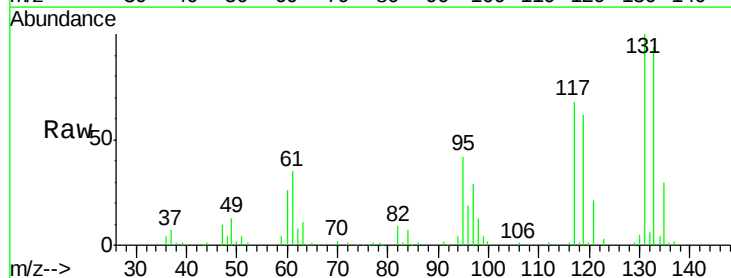
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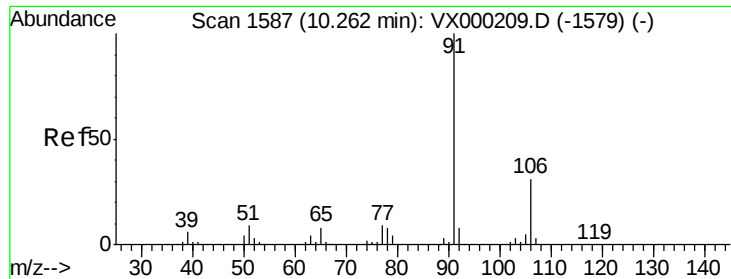
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.21 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:131 Resp: 31528
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.9
119 63.7 32.3 96.8





#67

Ethyl Benzene

Concen: 19.33 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 91 Resp: 153948

Ion Ratio Lower Upper

91 100

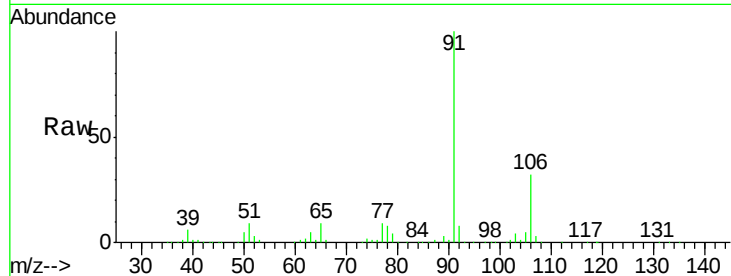
106 32.1 25.2 37.8

Manual Integrations

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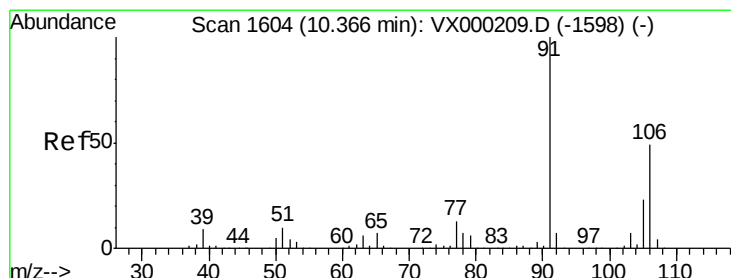
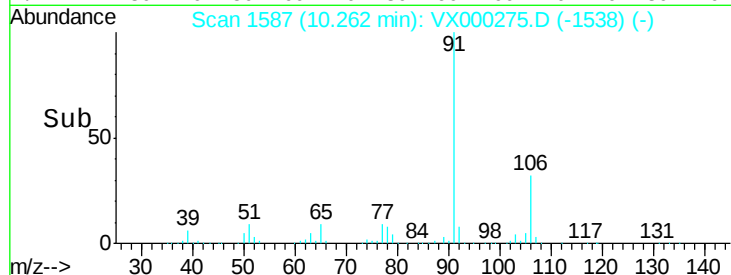
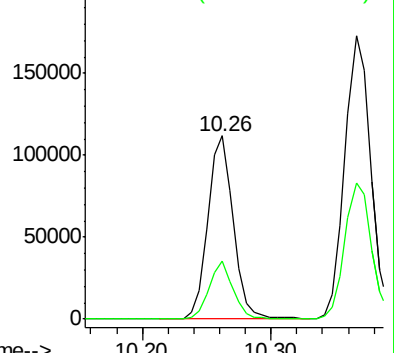
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.09 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000275.D

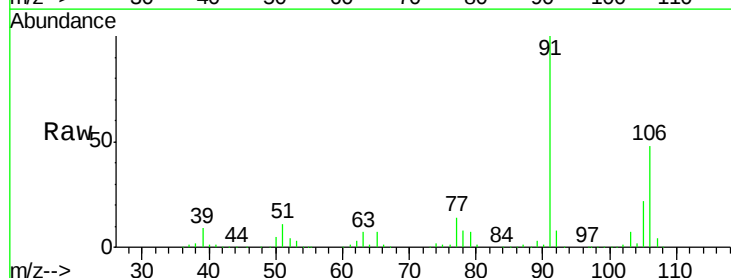
Acq: 12 Mar 2018 13:23

Tgt Ion: 106 Resp: 119825

Ion Ratio Lower Upper

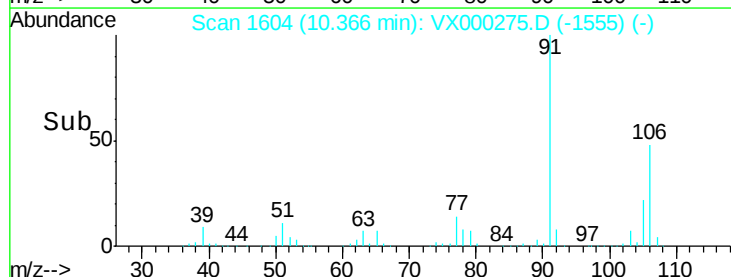
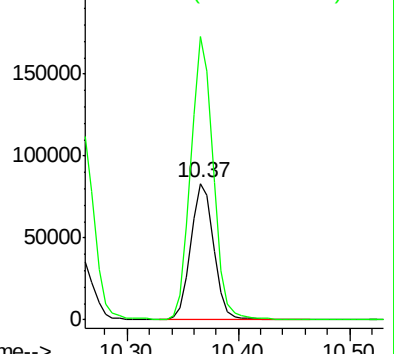
106 100

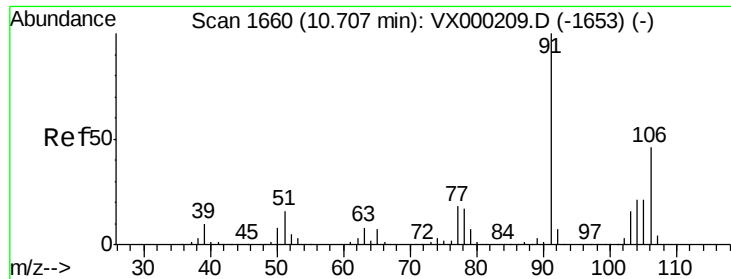
91 201.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





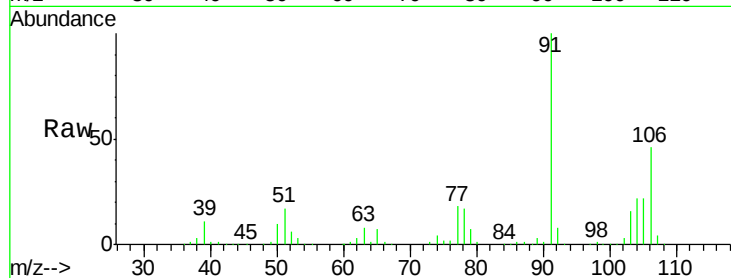
#69
o-Xylene
Concen: 19.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

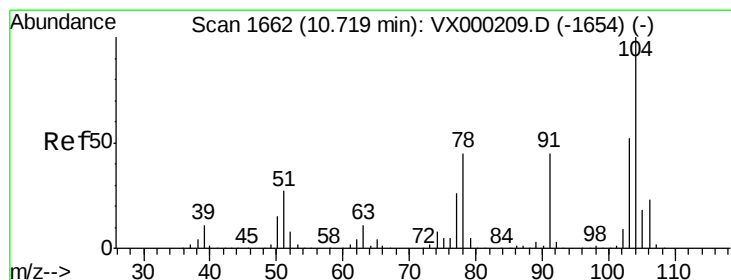
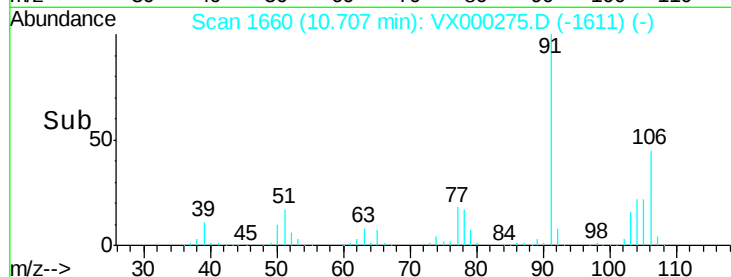
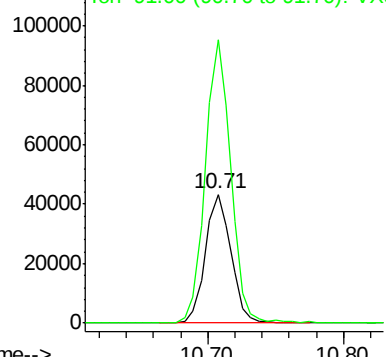
Tot Ion:106 Resp: 57186
Ion Ratio Lower Upper
106 100
91 216.6 105.9 317.7

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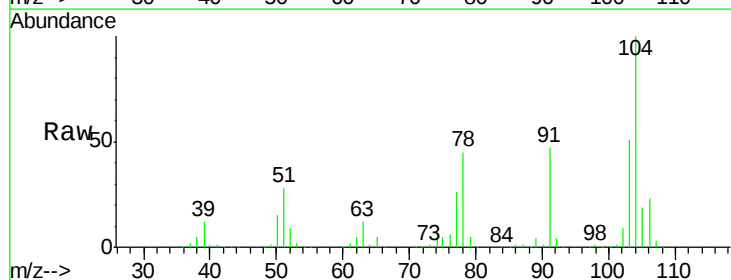


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

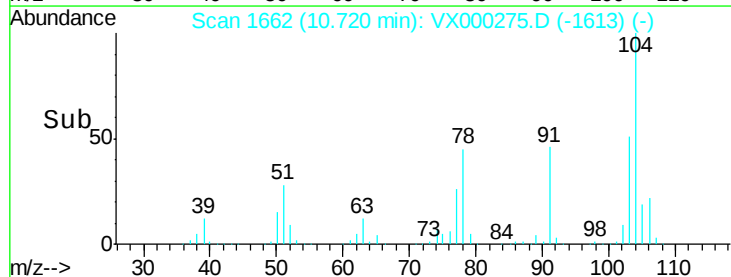
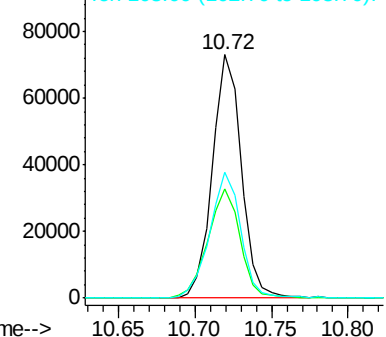


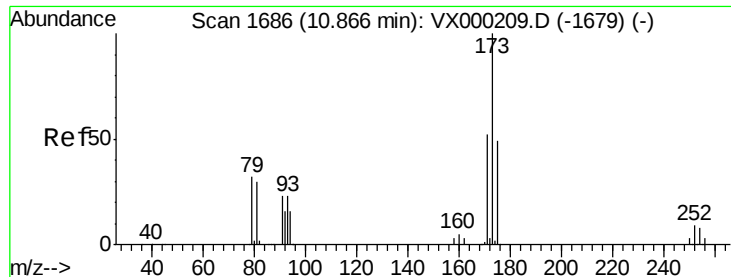
#70
Styrene
Concen: 19.66 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:104 Resp: 96071
Ion Ratio Lower Upper
104 100
78 50.5 39.6 59.4
103 55.6 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





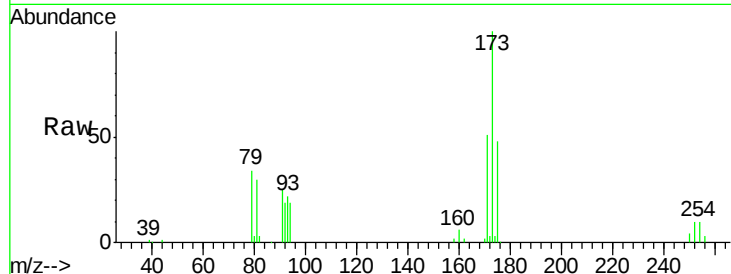
#71
Bromoform
Concen: 17.45 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

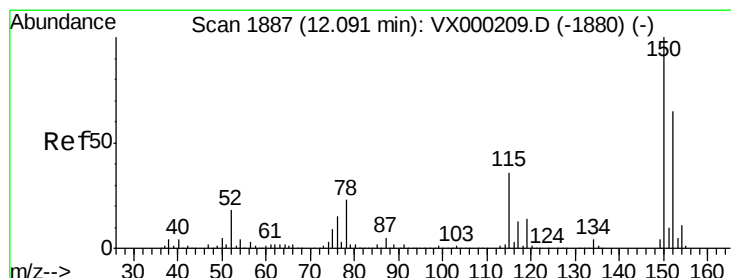
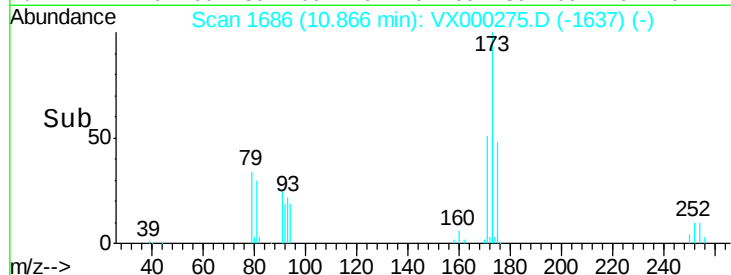
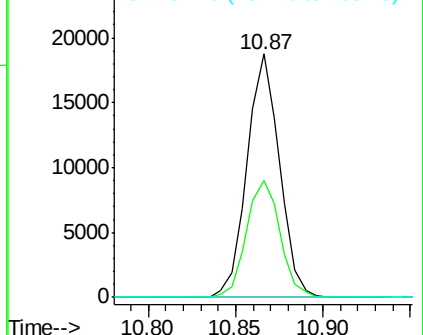
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.2
254	0.0	0.2	0.2

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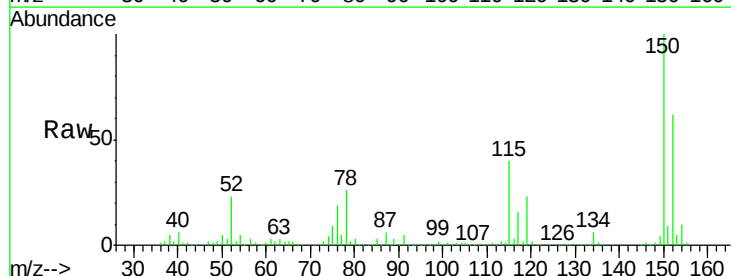


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

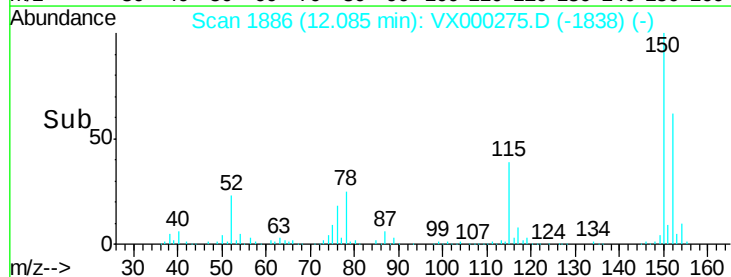
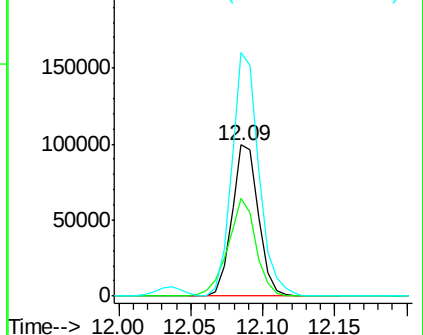


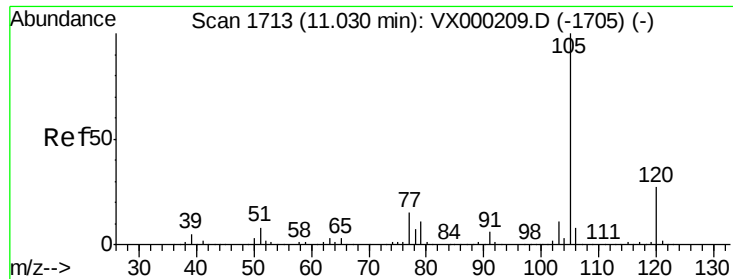
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.4	39.8	119.3
150	164.9	0.0	345.0



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





#73

Isopropylbenzene

Concen: 19.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VX0312WBS01

Tot Ion: 105 Resp: 157719

Ion Ratio Lower Upper

105 100

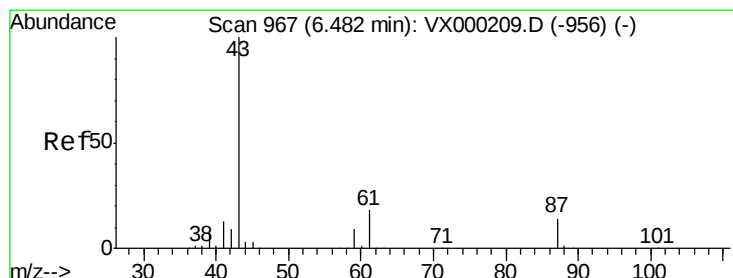
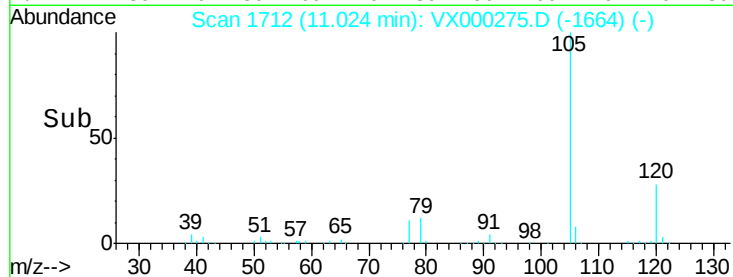
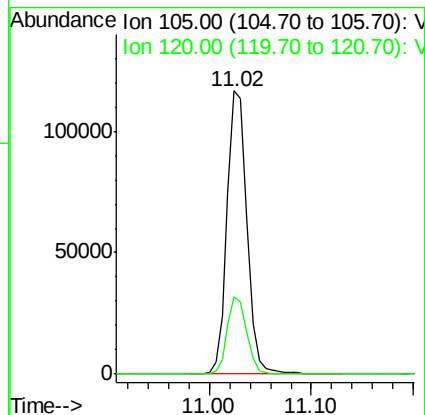
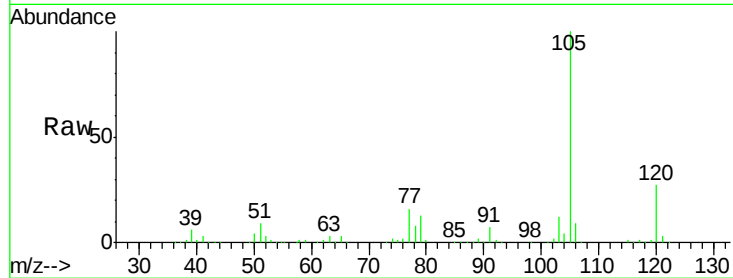
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion: 43 Resp: 80342

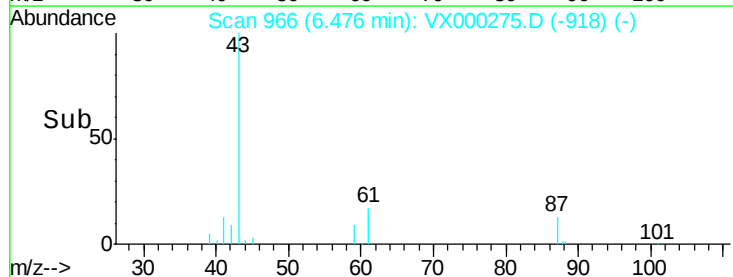
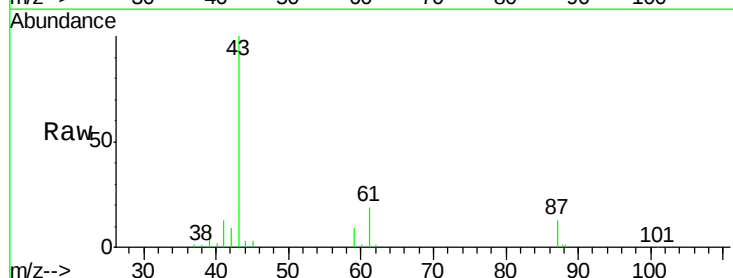
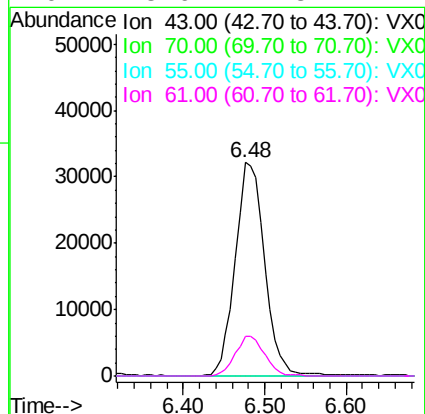
Ion Ratio Lower Upper

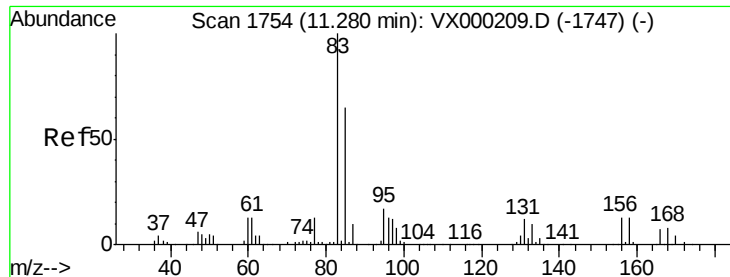
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

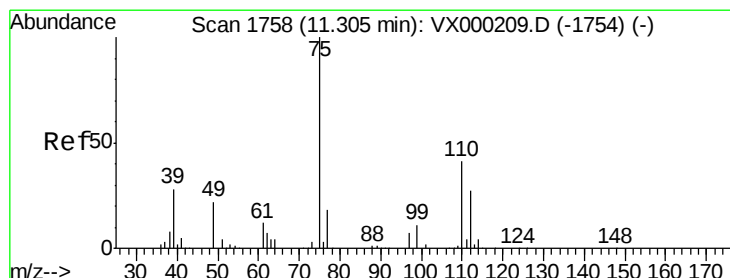
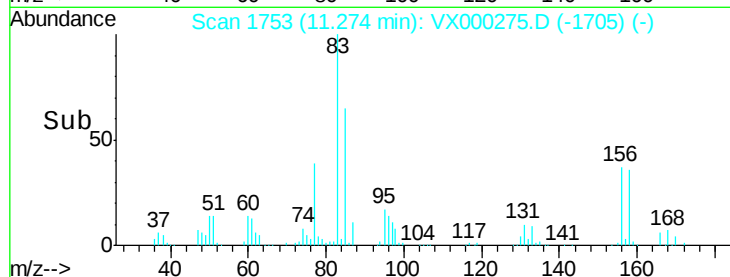
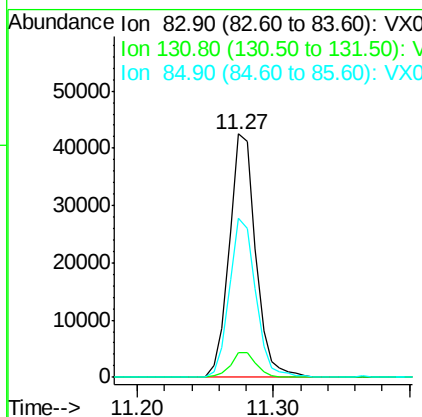
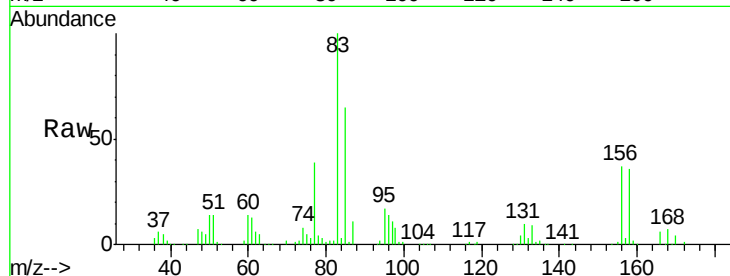
ClientSampleId :

VX0312WBS01

Tot Ion:	83	Resp:	57449
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.5	16.5
85	65.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 20.15 ug/l m

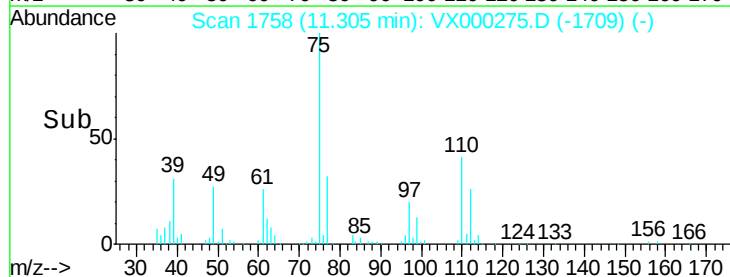
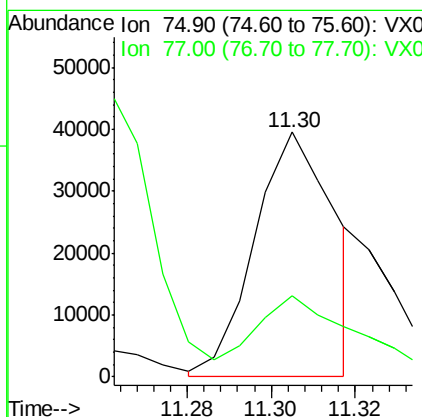
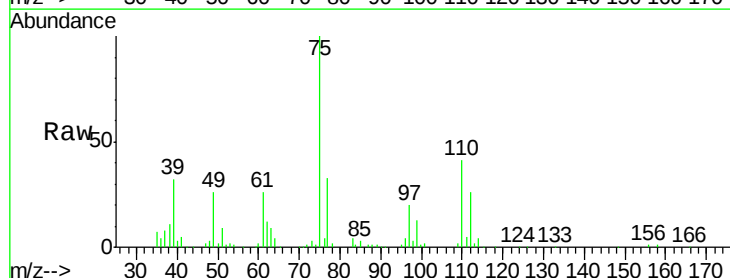
RT: 11.30 min Scan# 1758

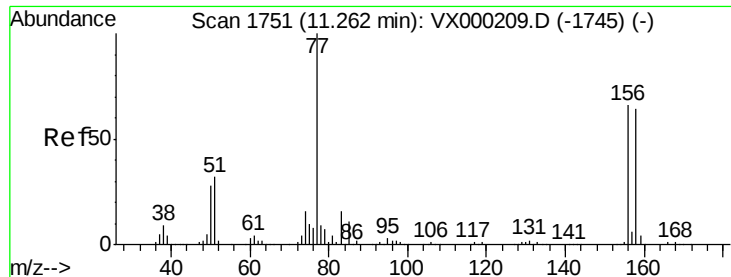
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	75	Resp:	51572
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.3	66.8





#77

Bromobenzene

Concen: 19.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

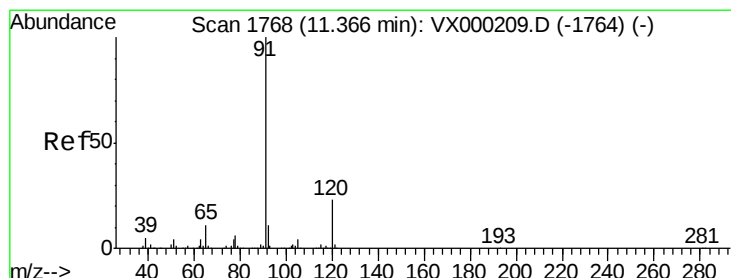
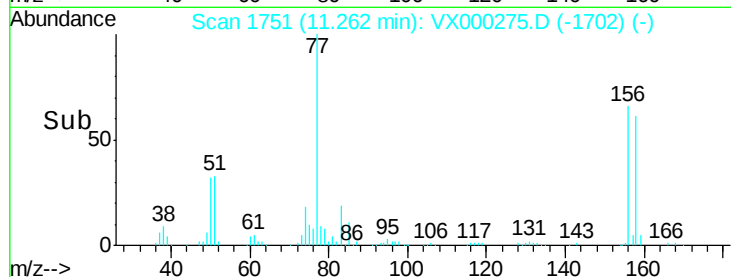
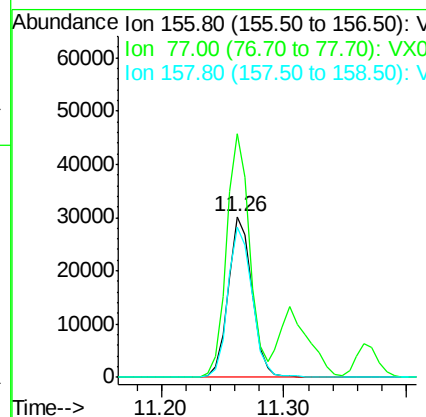
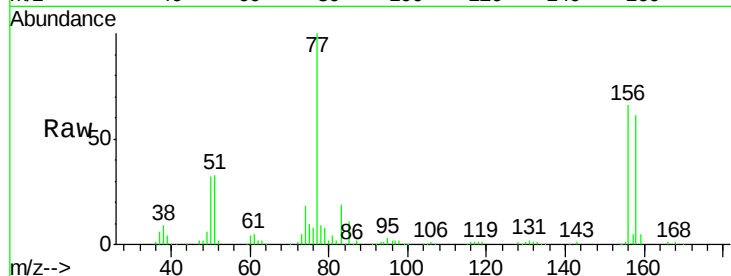
ClientSampled :

VX0312WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.7	71.9	215.7
158	95.0	48.0	144.2

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#78

n-propylbenzene

Concen: 19.86 ug/l

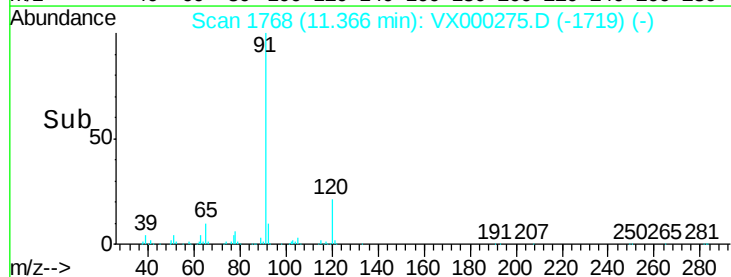
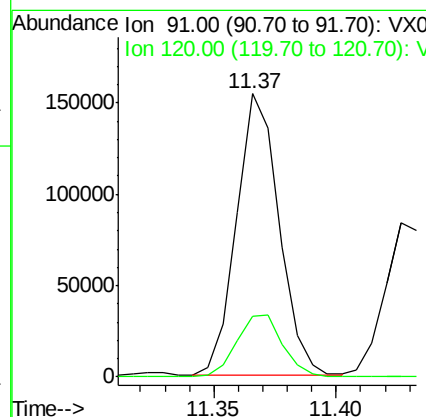
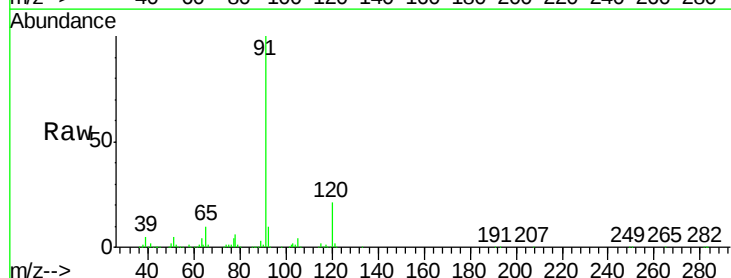
RT: 11.37 min Scan# 1768

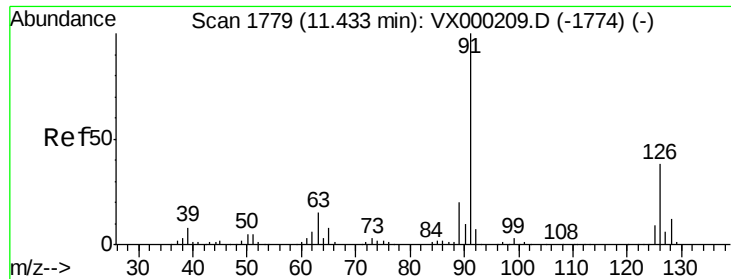
Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.2	36.4





#79

2-Chlorotoluene

Concen: 20.44 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VX0312WBS01

Tot Ion: 91 Resp: 108470

Ion Ratio Lower Upper

91 100

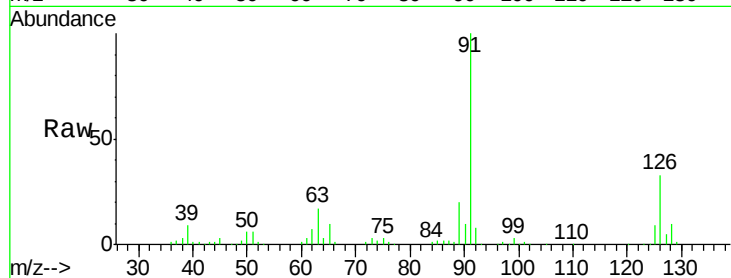
126 35.6 18.4 55.2

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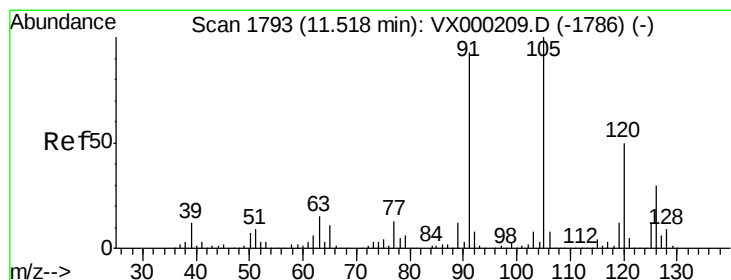
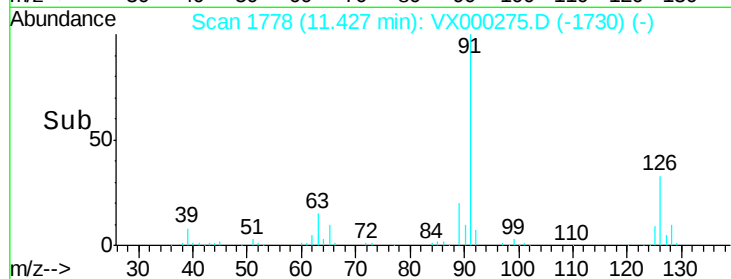
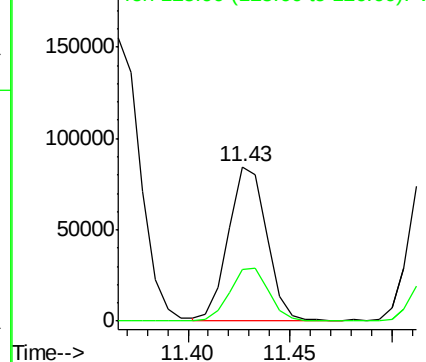
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000275.D

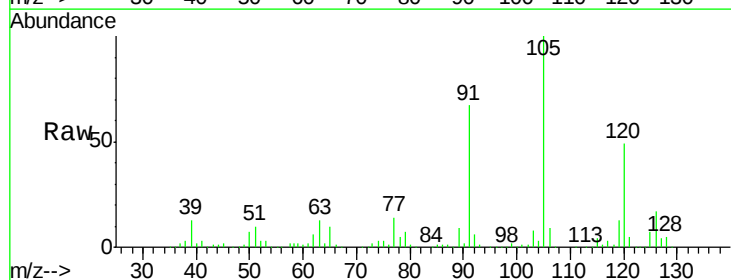
Acq: 12 Mar 2018 13:23

Tgt Ion: 105 Resp: 135385

Ion Ratio Lower Upper

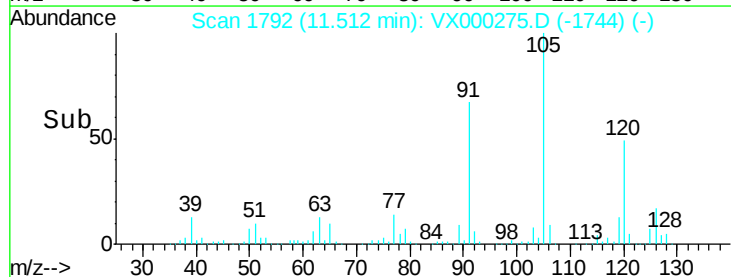
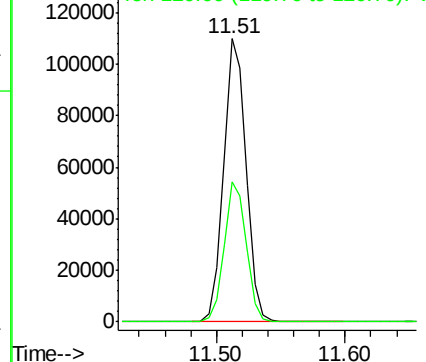
105 100

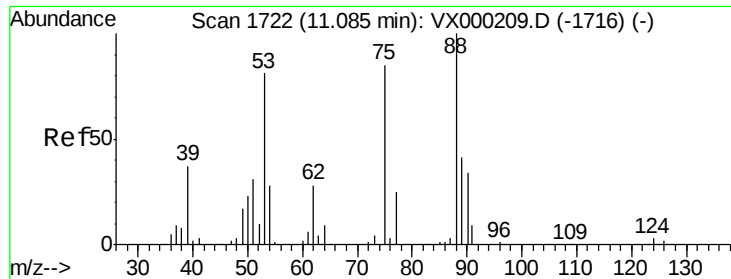
120 48.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





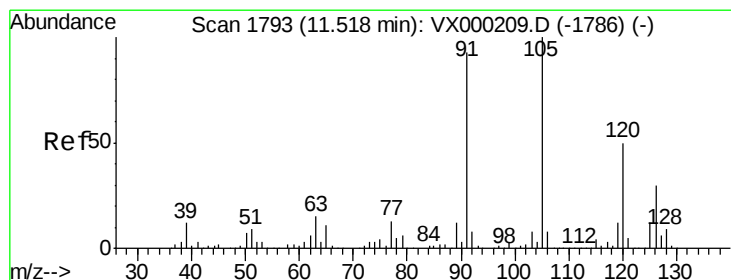
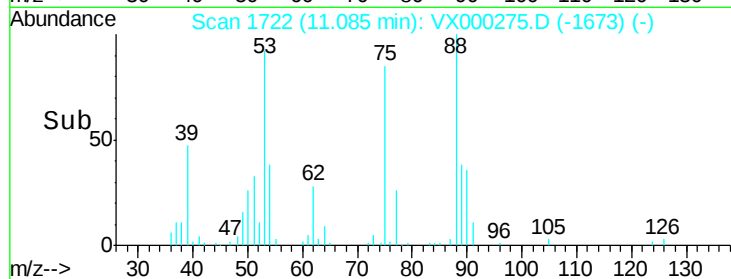
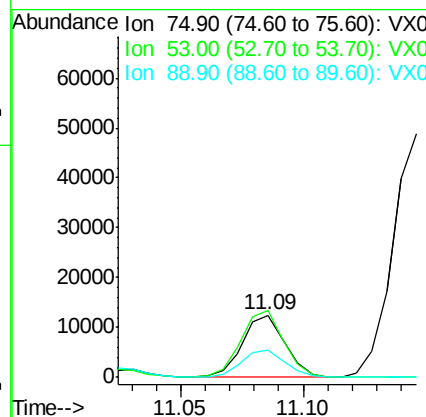
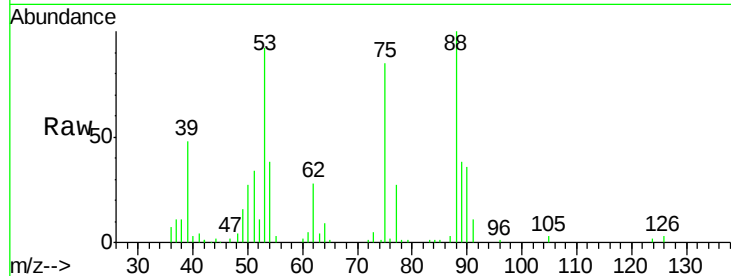
#81
trans-1,4-Dichloro-2-butene
Concen: 18.05 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	78.6	118.0
89	45.8	38.8	58.2

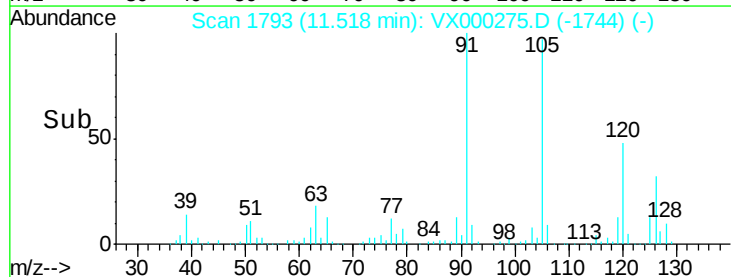
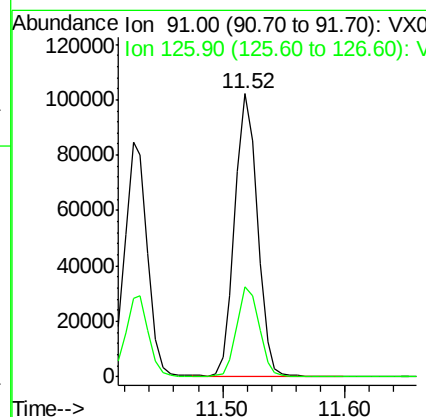
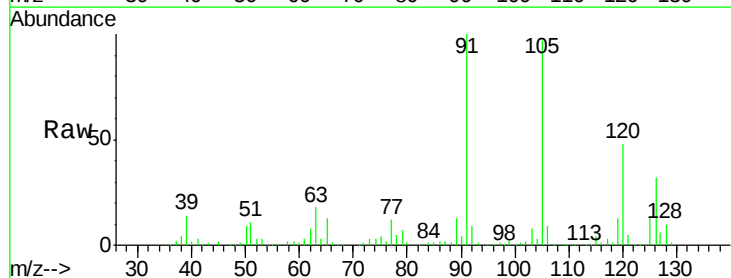
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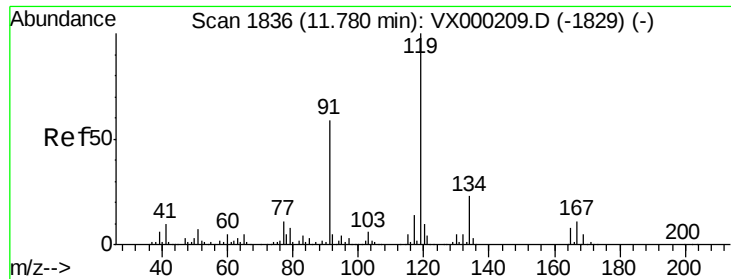
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#82
4-Chlorotoluene
Concen: 20.33 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.0	48.0





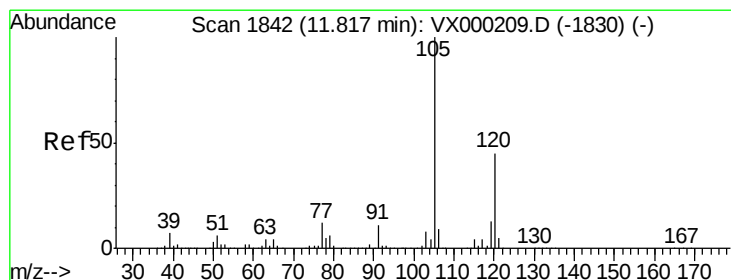
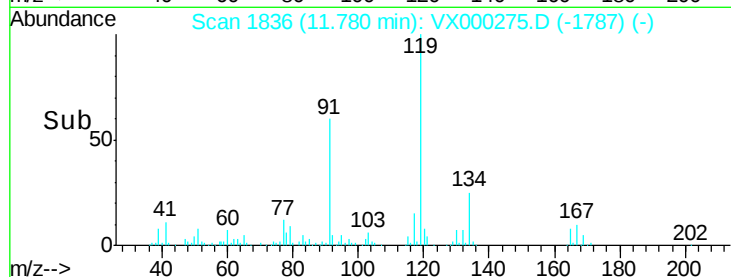
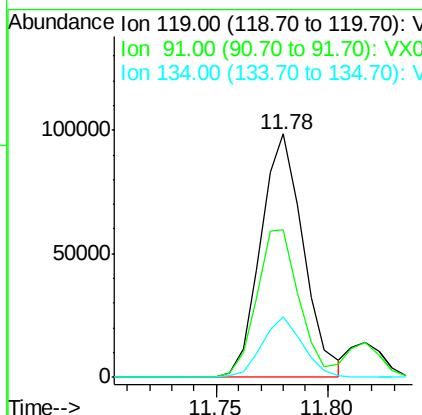
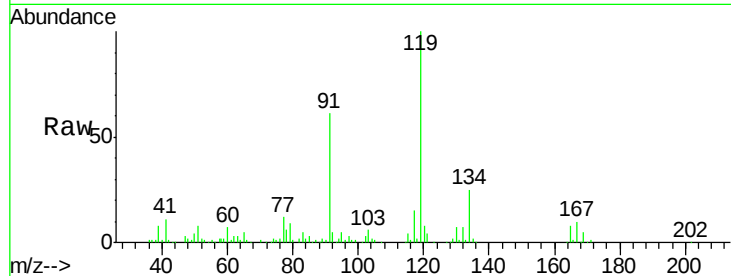
#83
tert-Butylbenzene
Concen: 20.19 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131148		
91	60.0	28.9	86.7	
134	23.3	11.5	34.4	

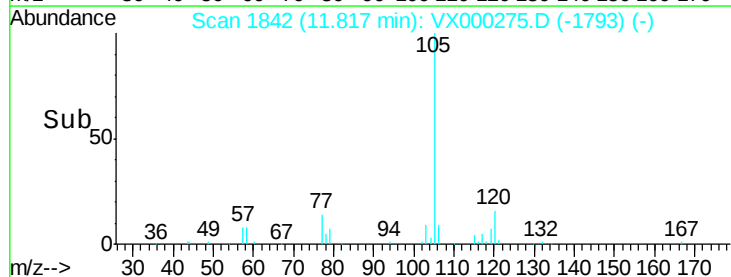
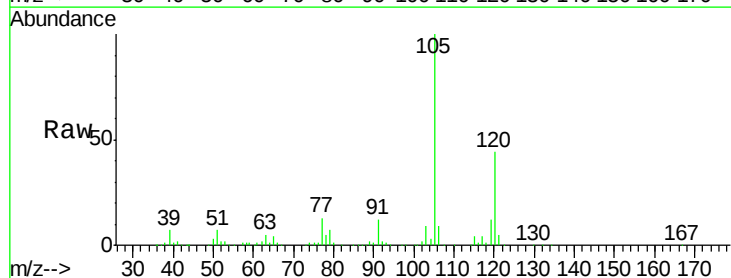
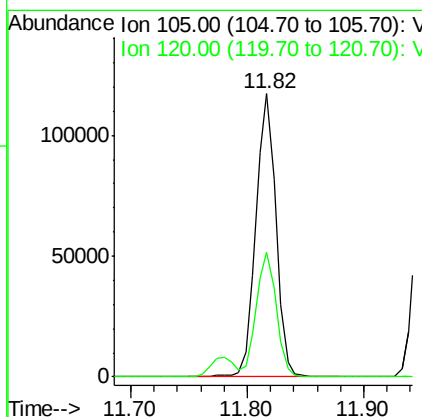
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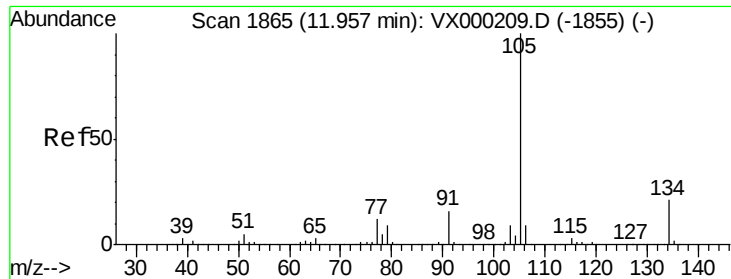
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#84
1,2,4-Trimethylbenzene
Concen: 20.61 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141452		
120	44.1	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.50 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VX0312WBS01

Tot Ion:105 Resp: 168374

Ion Ratio Lower Upper

105 100

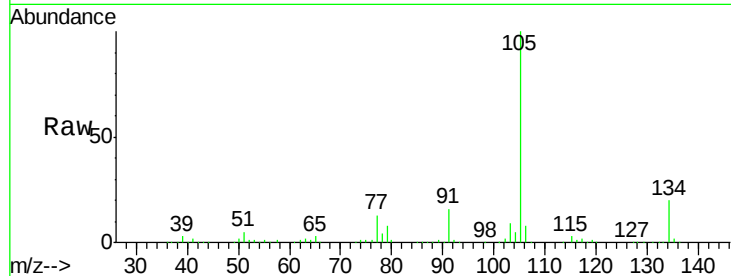
134 19.6 10.3 30.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

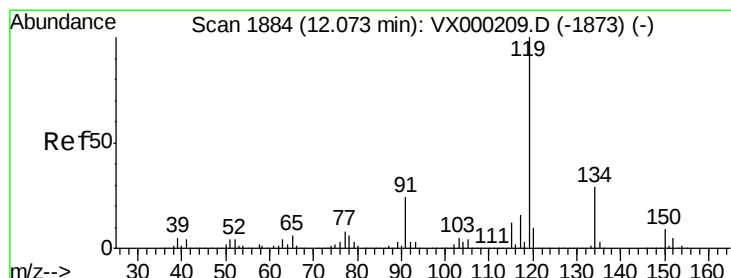
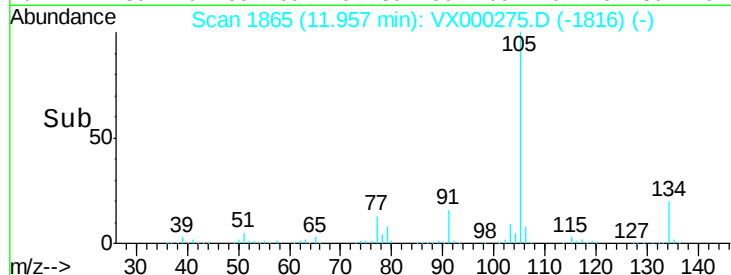
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

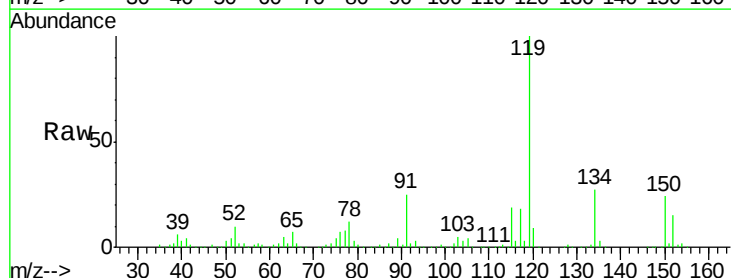
Tgt Ion:119 Resp: 150407

Ion Ratio Lower Upper

119 100

134 26.5 13.8 41.3

91 25.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

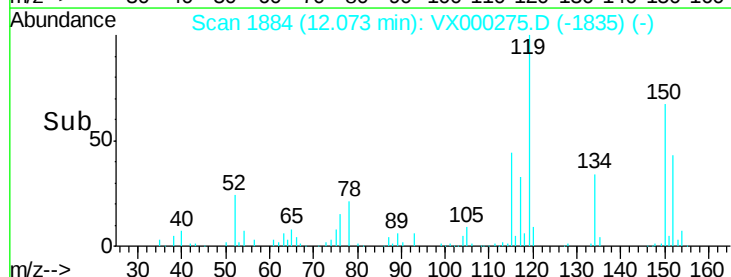
150000

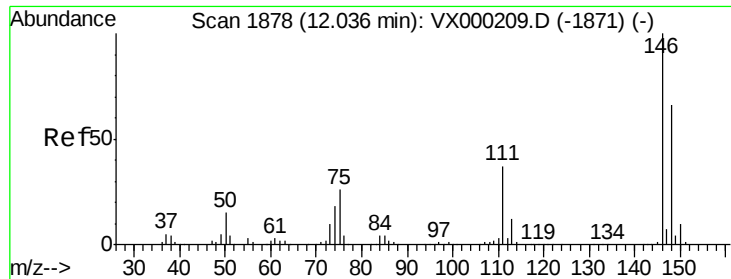
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.88 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

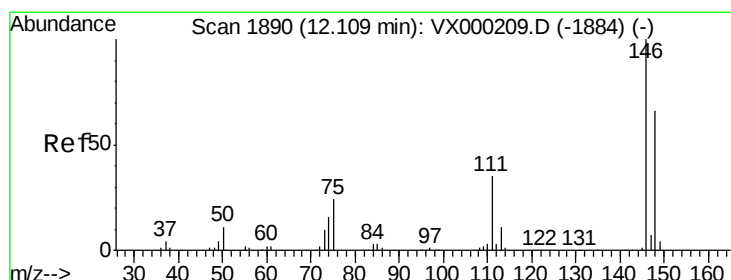
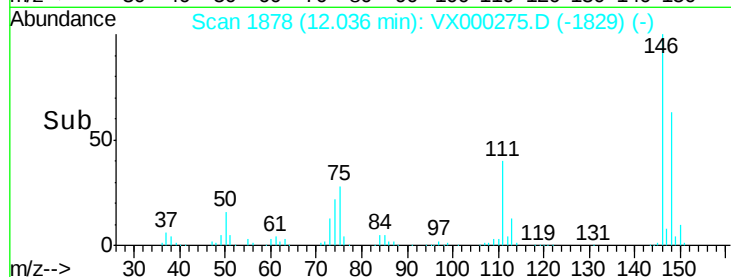
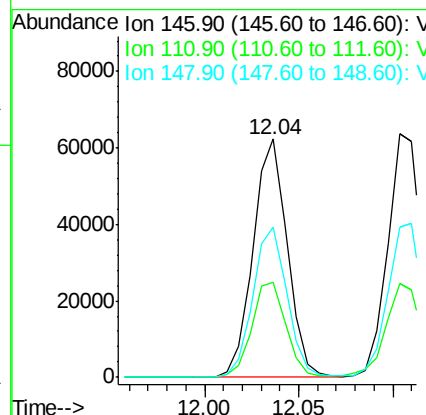
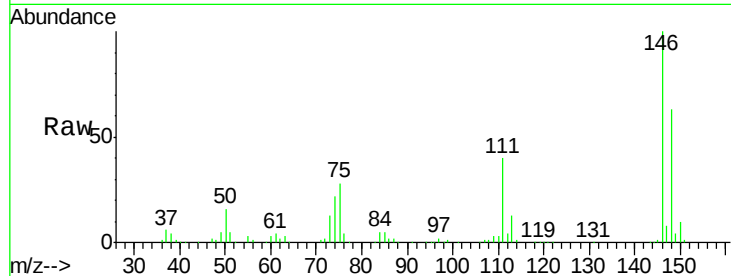
ClientSampleId :

VX0312WBS01

Tot Ion:	146	Resp:	78110
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.0	57.0
148	63.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.87 ug/l

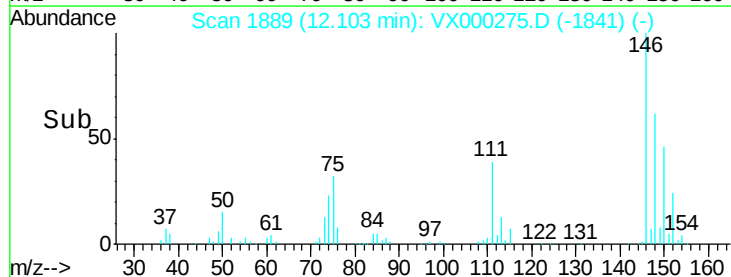
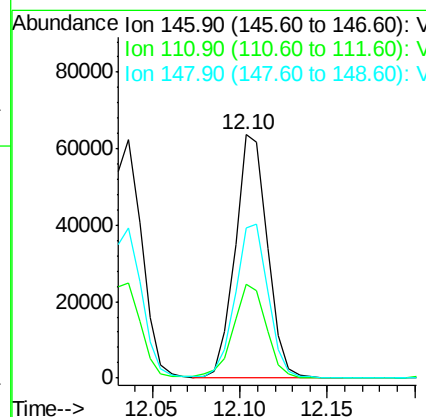
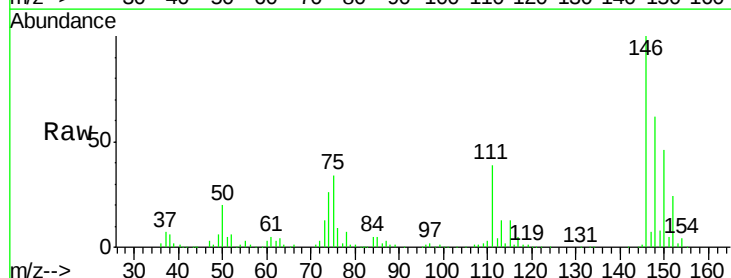
RT: 12.10 min Scan# 1889

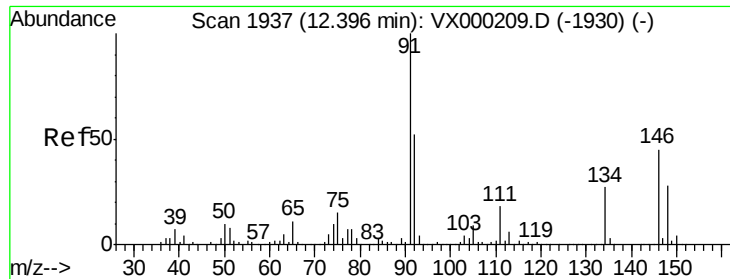
Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	146	Resp:	81812
Ion Ratio	Lower	Upper	
146	100		
111	39.6	18.9	56.9
148	64.9	32.6	97.8





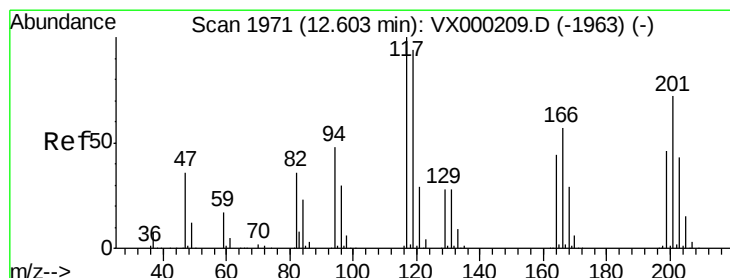
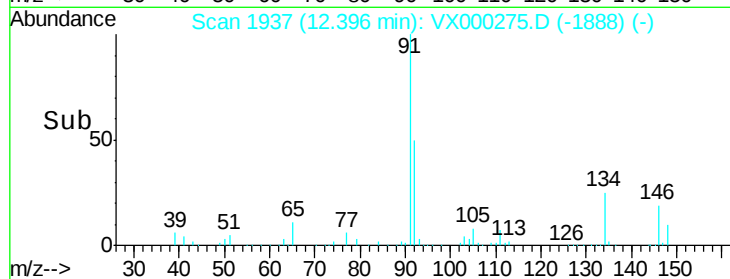
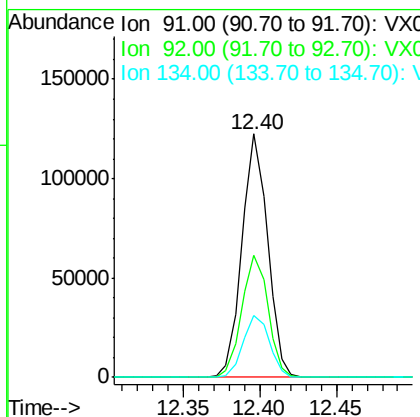
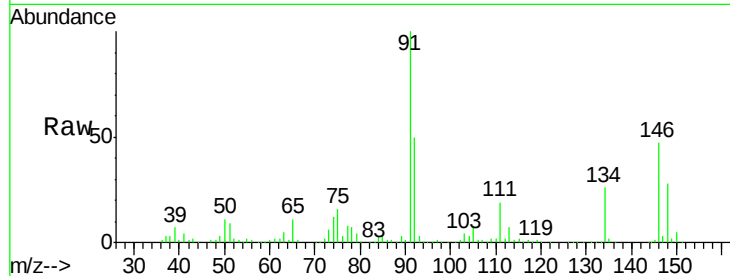
#89
n-Butylbenzene
Concen: 20.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.4
134	26.1	13.5	40.5

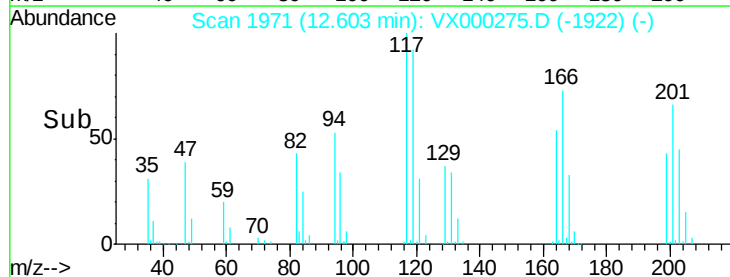
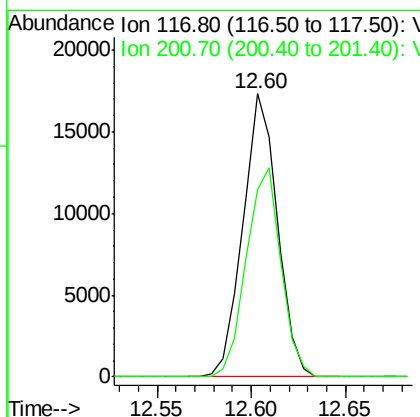
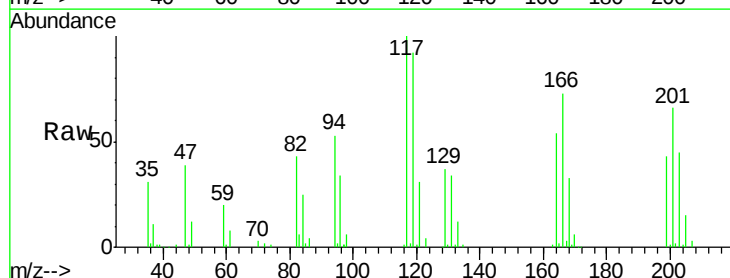
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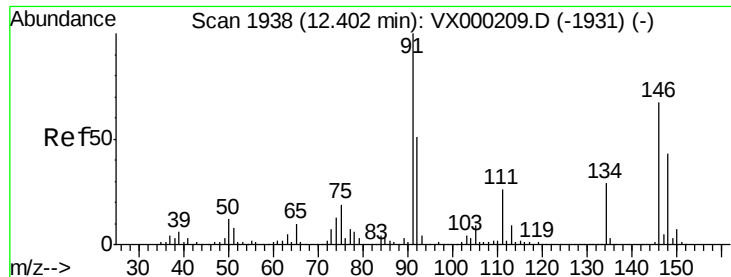
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#90
Hexachloroethane
Concen: 18.85 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.2	114.6





#91

1,2-Dichlorobenzene

Concen: 20.70 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:146 Resp: 80534

Ion Ratio Lower Upper

146 100

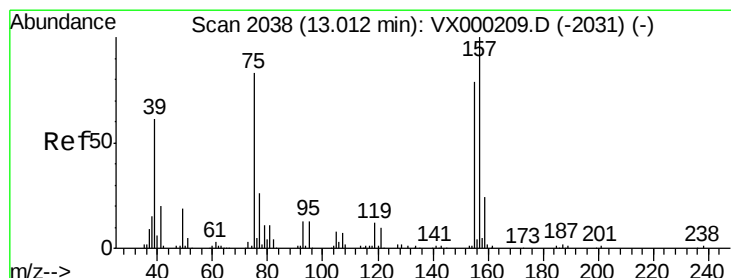
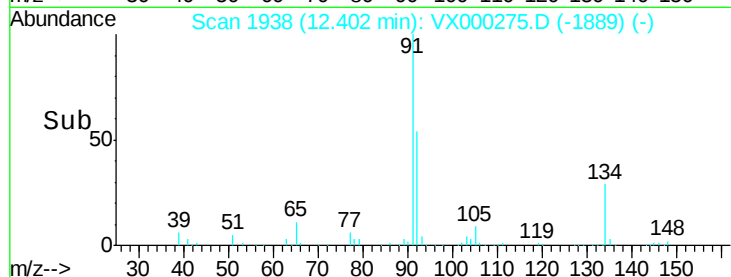
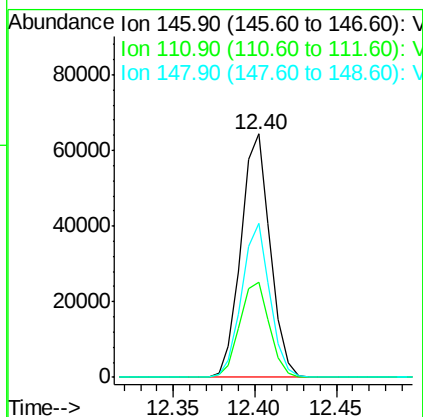
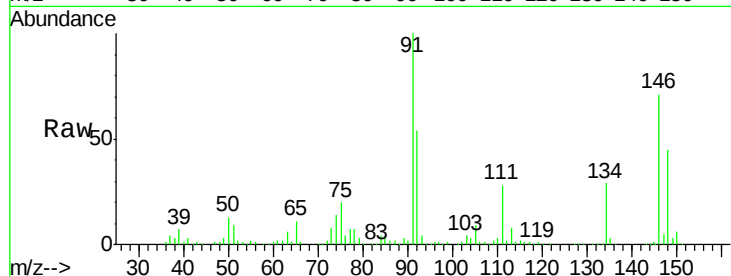
111 39.8 19.7 59.0

148 60.9 32.0 96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.32 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

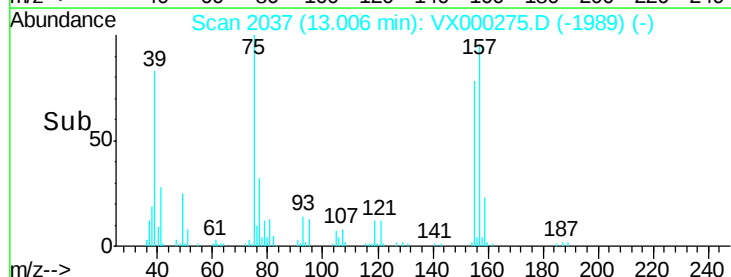
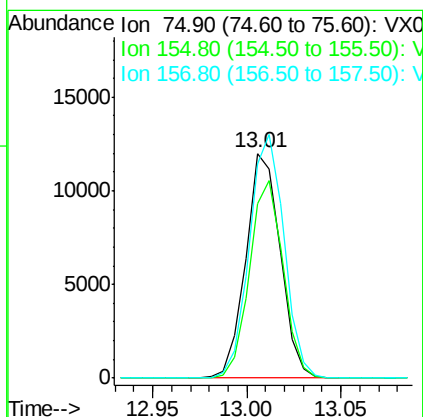
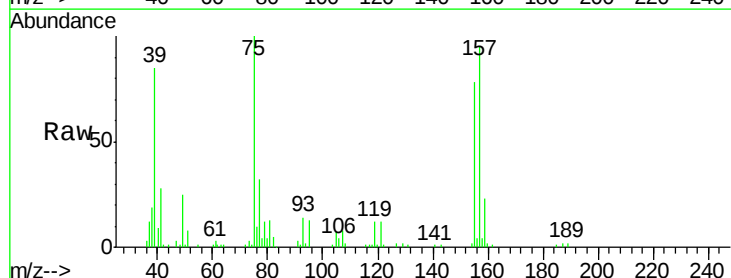
Tgt Ion: 75 Resp: 15208

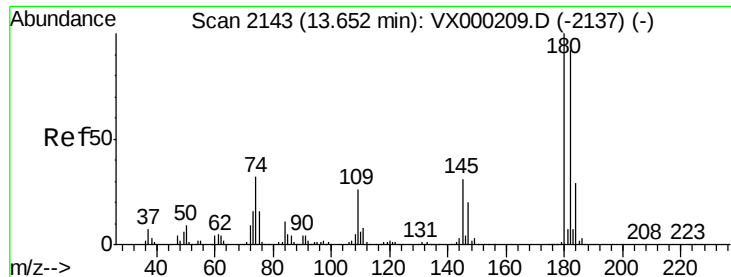
Ion Ratio Lower Upper

75 100

155 85.6 45.5 136.5

157 108.9 58.6 175.8





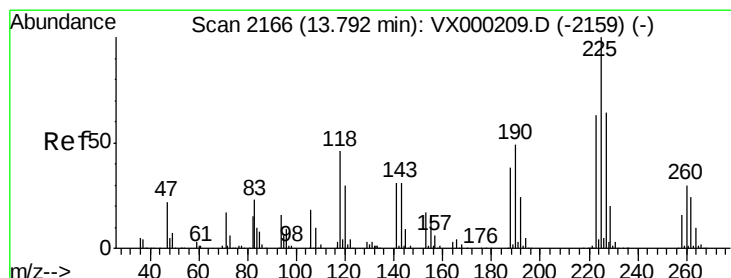
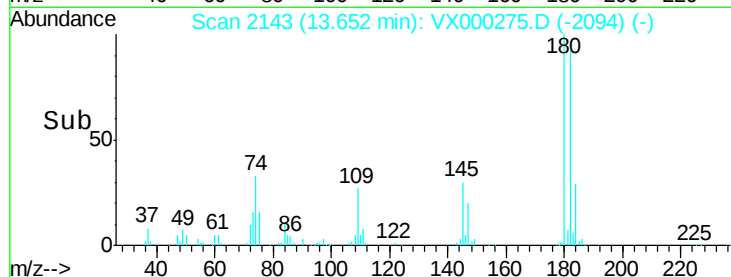
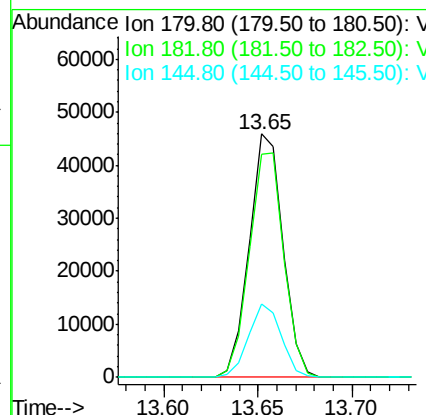
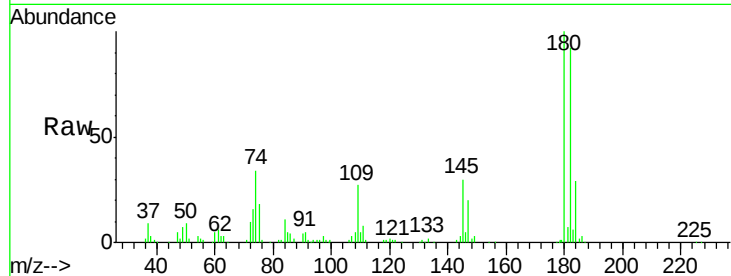
#93
 1,2,4-Trichlorobenzene
 Concen: 20.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	29.5	15.3	45.9

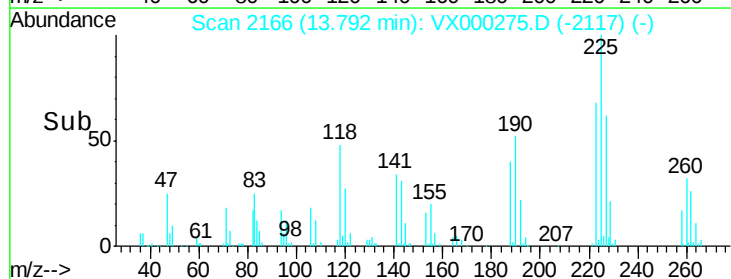
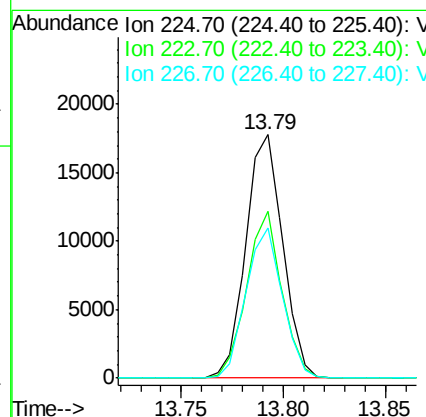
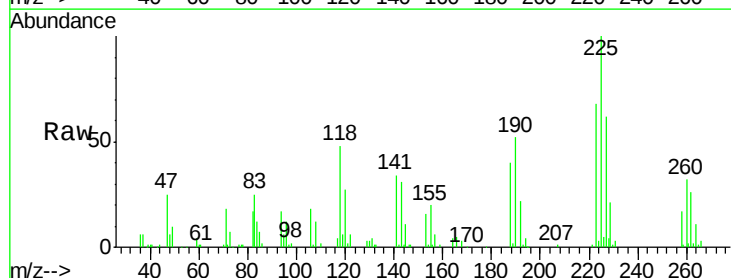
Manual Integrations
 APPROVED

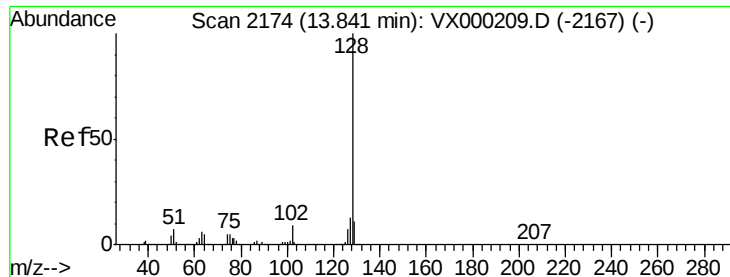
apatel
 3/13/2018 10:58:38 AM



#94
 Hexachlorobutadiene
 Concen: 18.93 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.8	95.3
227	61.0	31.9	95.5





#95

Naphthalene

Concen: 20.40 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

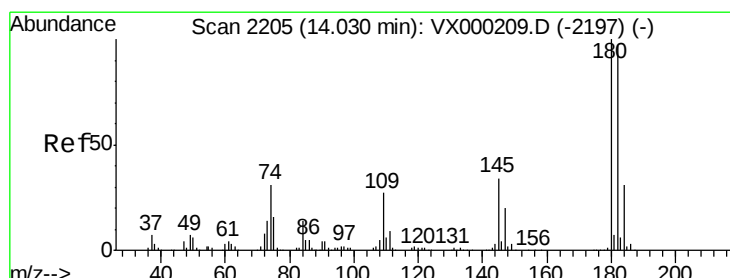
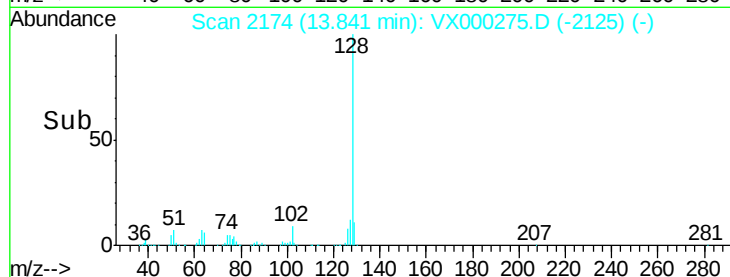
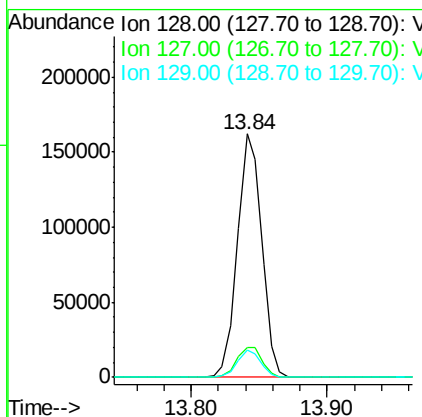
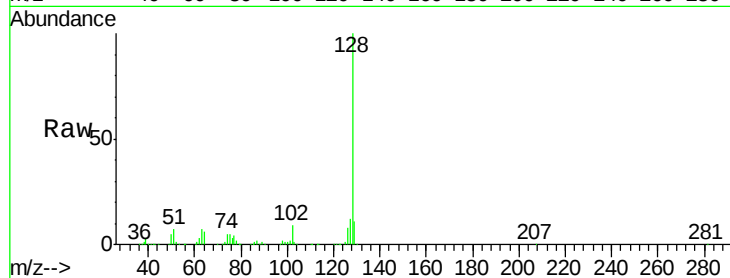
ClientSampleId :

VX0312WBS01

Tot Ion:	128	Resp:	201450
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
3/13/2018 10:58:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.87 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion:	180	Resp:	55629
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	32.3	16.3	48.8

