

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000162.D
 Acq On : 28 Feb 2018 12:28
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
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 3/1/2018 12:52:55 PM

Quant Time: Mar 01 06:45:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	106879	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	5.51	113	84081	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	8.73	98	331899	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.15	95	133037	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28464	19.13	ug/l	98
3) Chloromethane	1.32	50	26728	18.32	ug/l	99
4) Vinyl Chloride	1.40	62	33730	20.75	ug/l	98
5) Bromomethane	1.64	94	32458	23.96	ug/l	99
6) Chloroethane	1.73	64	22547	20.65	ug/l	95
7) Trichlorofluoromethane	1.93	101	62990	21.67	ug/l	96
8) Diethyl Ether	2.19	74	22401	22.33	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35664	21.95	ug/l	97
10) Methyl Iodide	2.52	142	25317	14.23	ug/l	98
11) Tert butyl alcohol	3.07	59	81907	117.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30165	19.93	ug/l	85
13) Acrolein	2.29	56	8119	24.44	ug/l	94
14) Allyl chloride	2.73	41	57369	22.65	ug/l	95
15) Acrylonitrile	3.15	53	136570	115.00	ug/l	99
16) Acetone	2.45	43	165916	141.77	ug/l	96
17) Carbon Disulfide	2.57	76	68553	15.39	ug/l	100
18) Methyl Acetate	2.78	43	72119	26.28	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	121178	23.33	ug/l	95
20) Methylene Chloride	2.86	84	35290	22.78	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33626	20.50	ug/l	91
22) Diisopropyl ether	3.87	45	108650	24.55	ug/l	# 86
23) Vinyl Acetate	3.83	43	514402	125.06	ug/l	96
24) 1,1-Dichloroethane	3.71	63	61940	23.62	ug/l	99
25) 2-Butanone	4.71	43	196718	120.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47908	21.02	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34368	21.99	ug/l	98
28) Bromochloromethane	5.03	49	28387	24.14	ug/l	89
29) Tetrahydrofuran	5.18	42	118772	111.64	ug/l	98
30) Chloroform	5.23	83	60480	21.91	ug/l	100
31) Cyclohexane	5.59	56	45449	20.16	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	53187	20.94	ug/l	96
36) 1,1-Dichloropropene	5.81	75	44467	20.27	ug/l	97
37) Ethyl Acetate	4.87	43	63273	20.99	ug/l	97
38) Carbon Tetrachloride	5.79	117	46326	19.55	ug/l	93

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	51835	19.63	ug/l	98
40) Benzene	6.15	78	129321	20.63	ug/l	100
41) Methacrylonitrile	5.07	41	33526	22.90	ug/l	97
42) 1,2-Dichloroethane	6.21	62	51744	22.50	ug/l	98
43) Isopropyl Acetate	6.48	43	96978	22.32	ug/l	96
44) Trichloroethene	7.22	130	37677	20.41	ug/l	99
45) 1,2-Dichloropropane	7.52	63	34165	22.24	ug/l	92
46) Dibromomethane	7.67	93	25516	21.29	ug/l	96
47) Bromodichloromethane	7.91	83	48302	21.82	ug/l	98
48) Methyl methacrylate	7.79	41	47027	22.08	ug/l	97
49) 1,4-Dioxane	7.76	88	23743	425.08	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	368845	116.11	ug/l	96
52) Toluene	8.79	92	90026	21.50	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	56010	21.52	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54967	21.27	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	38184	22.05	ug/l	97
56) Ethyl methacrylate	9.19	69	59589	22.43	ug/l	94
57) 1,3-Dichloropropane	9.38	76	61464	22.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	144669	107.72	ug/l	96
59) 2-Hexanone	9.51	43	319563	118.82	ug/l	97
60) Dibromochloromethane	9.59	129	39816	20.30	ug/l	96
61) 1,2-Dibromoethane	9.68	107	41816	21.76	ug/l	99
64) Tetrachloroethene	9.34	164	33460	19.09	ug/l	99
65) Chlorobenzene	10.15	112	108108	21.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	37343	21.01	ug/l	98
67) Ethyl Benzene	10.26	91	184429	21.62	ug/l	98
68) m/p-Xylenes	10.37	106	141672	41.95	ug/l	97
69) o-Xylene	10.71	106	69477	21.33	ug/l	95
70) Styrene	10.72	104	115215	21.63	ug/l	98
71) Bromoform	10.87	173	31103	19.26	ug/l #	99
73) Isopropylbenzene	11.02	105	194289	21.86	ug/l	98
74) N-amyl acetate	6.48	43	96978	21.60	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	68403	22.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63751m	21.94	ug/l	
77) Bromobenzene	11.26	156	47778	19.83	ug/l	90
78) n-propylbenzene	11.37	91	229461	21.90	ug/l	97
79) 2-Chlorotoluene	11.43	91	128732	21.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	161998	21.56	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	20273	19.87	ug/l	89
82) 4-Chlorotoluene	11.52	91	160746	22.16	ug/l	95
83) tert-Butylbenzene	11.78	119	164195	21.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	169191	21.68	ug/l	100
85) sec-Butylbenzene	11.96	105	208458	22.12	ug/l	98
86) p-Isopropyltoluene	12.07	119	185145	21.99	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	94127	20.37	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	98808	20.69	ug/l	97
89) n-Butylbenzene	12.40	91	176535	22.23	ug/l	98
90) Hexachloroethane	12.60	117	29763	21.71	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	94549	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20504	23.86	ug/l	87

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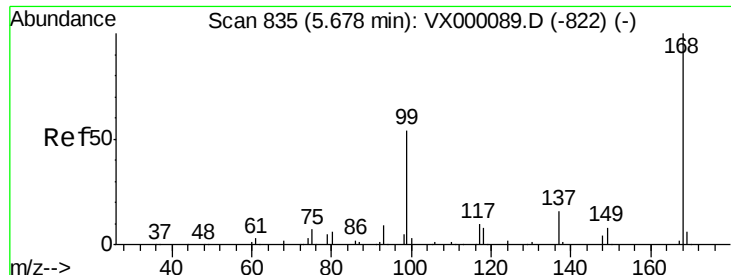
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68749	20.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	28705	19.28	ug/l	98
95) Naphthalene	13.84	128	244542	21.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	68268	20.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion:168 Resp: 144495

Ion Ratio Lower Upper

168 100

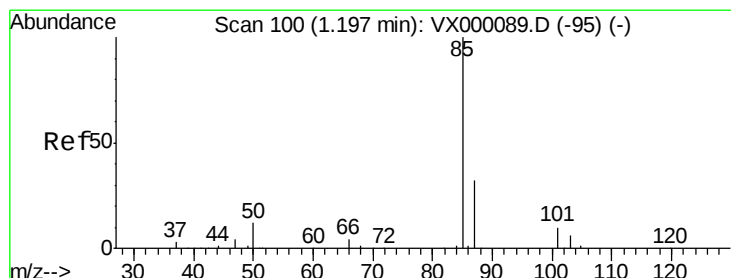
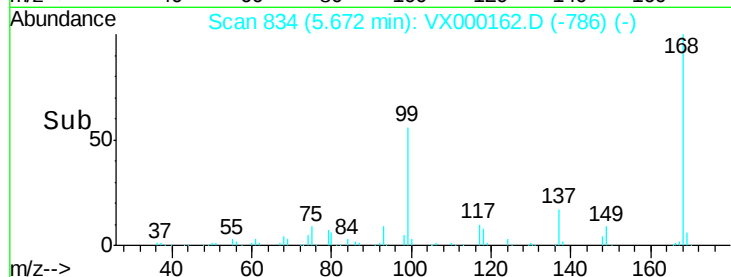
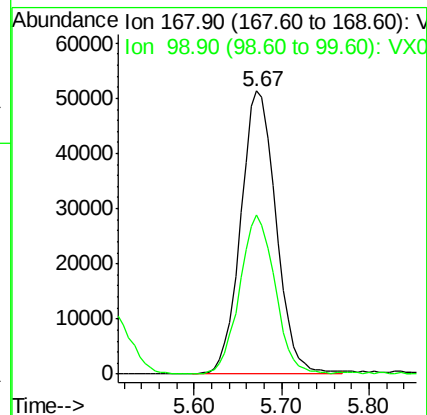
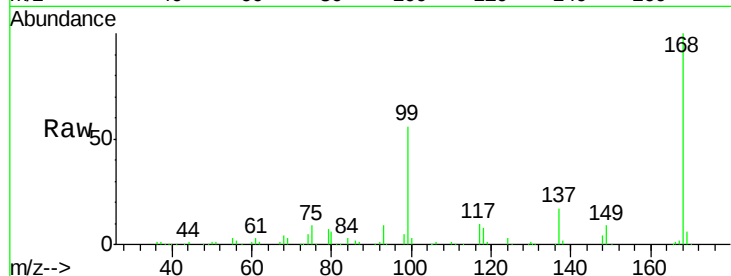
99 56.3 43.1 64.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.13 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000162.D

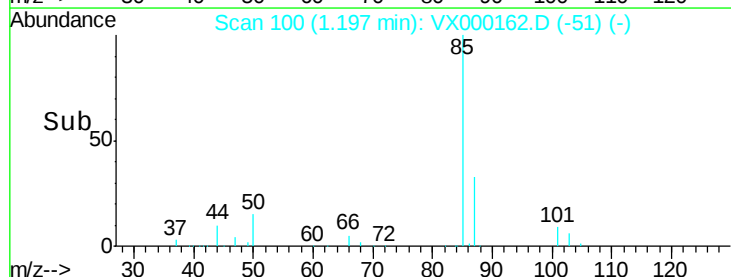
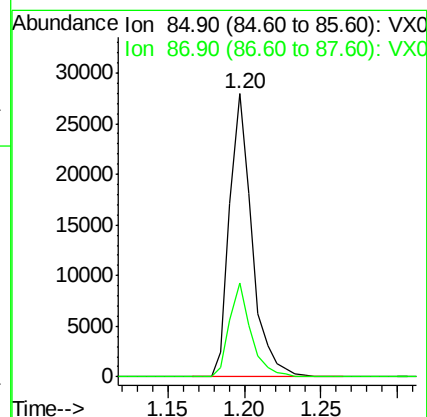
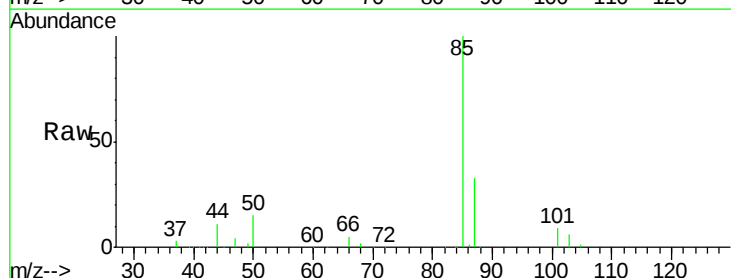
Acq: 28 Feb 2018 12:28

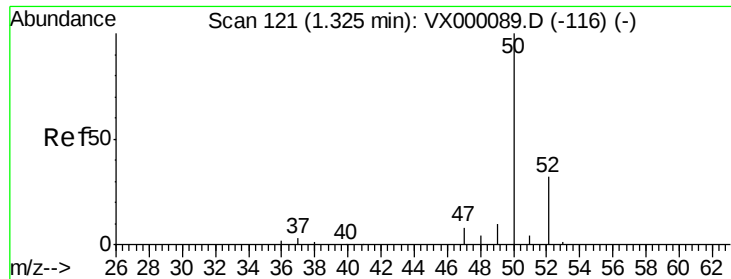
Tgt Ion: 85 Resp: 28464

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2





#3

Chloromethane

Concen: 18.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 50 Resp: 26728

Ion Ratio Lower Upper

50 100

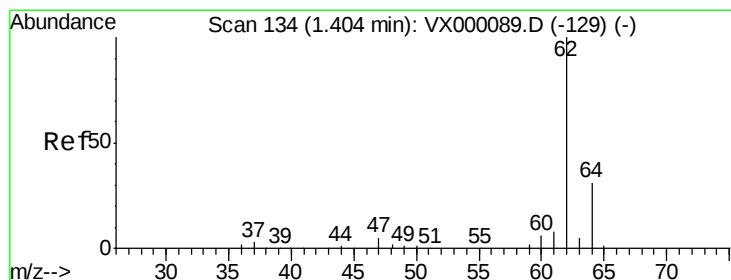
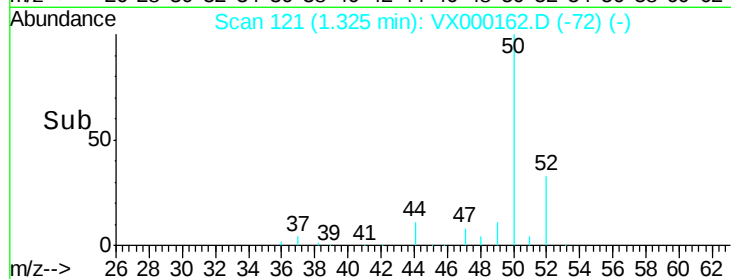
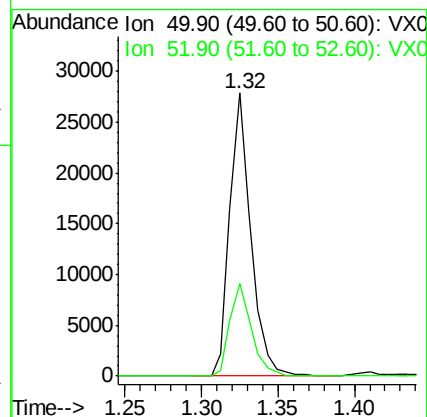
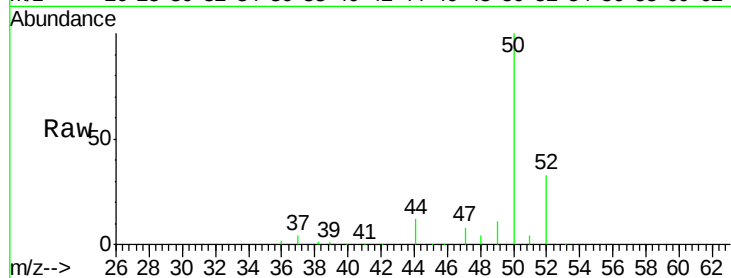
52 33.0 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000162.D

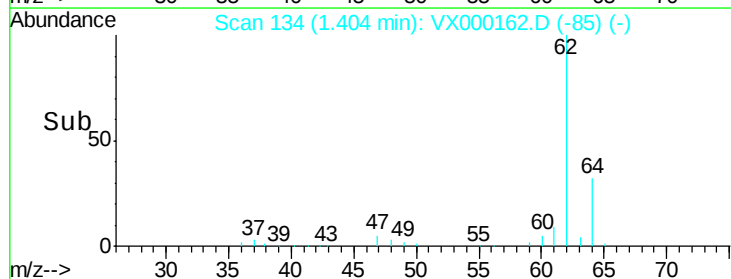
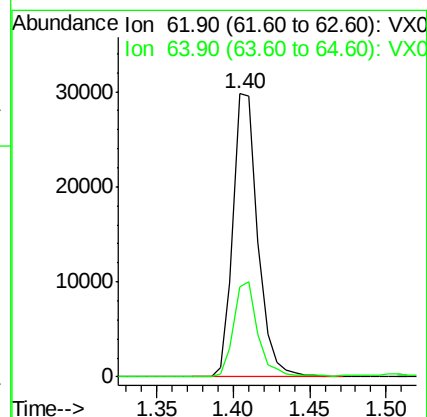
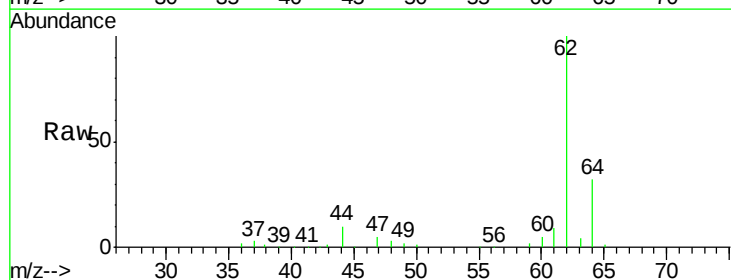
Acq: 28 Feb 2018 12:28

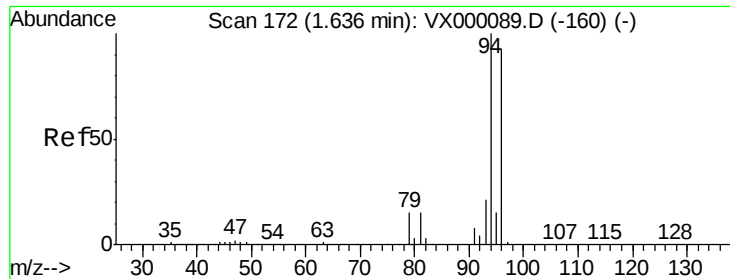
Tgt Ion: 62 Resp: 33730

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 23.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 94 Resp: 32458

Ion Ratio Lower Upper

94 100

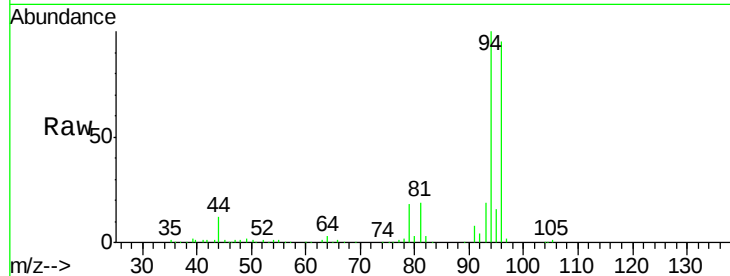
96 94.6 74.6 112.0

Manual Integrations

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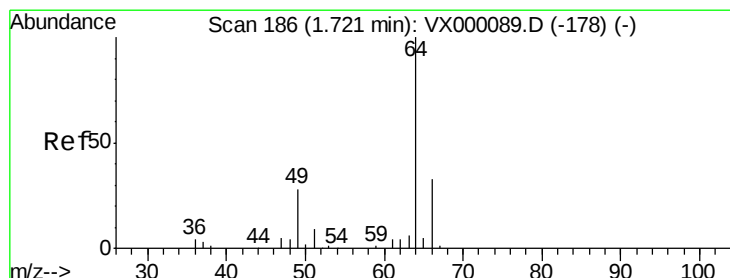
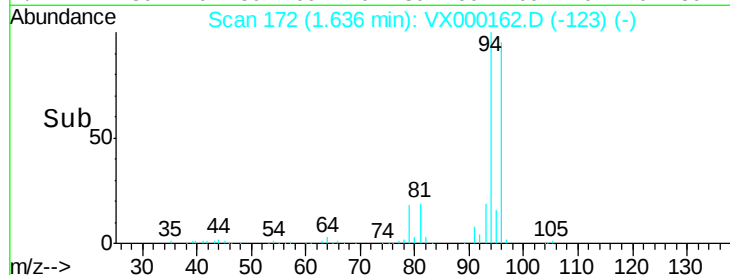
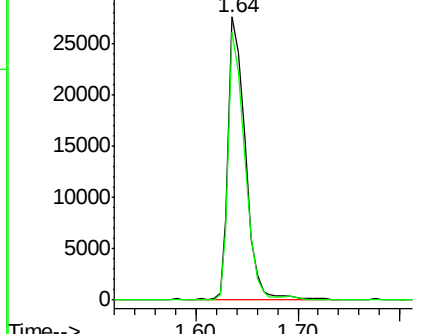
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.65 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000162.D

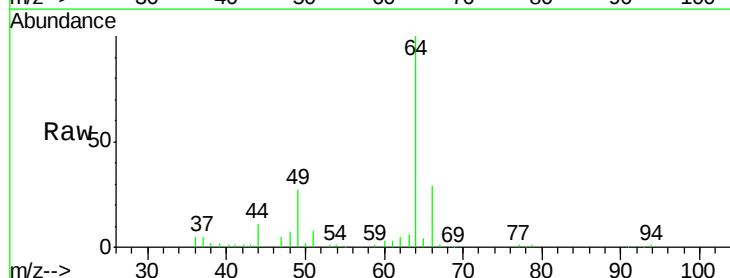
Acq: 28 Feb 2018 12:28

Tgt Ion: 64 Resp: 22547

Ion Ratio Lower Upper

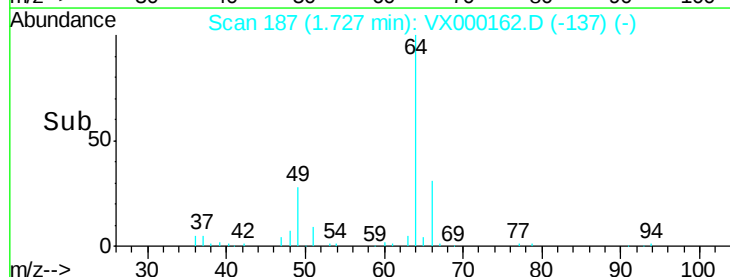
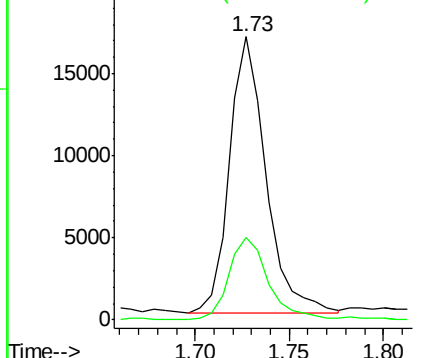
64 100

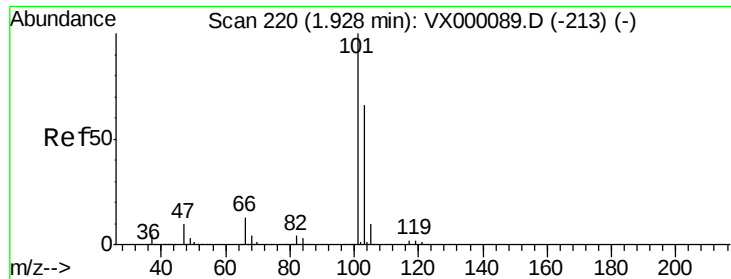
66 29.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

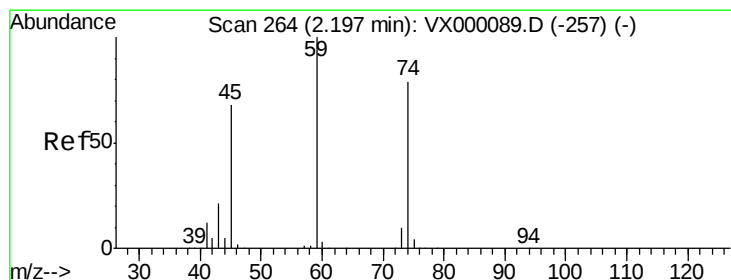
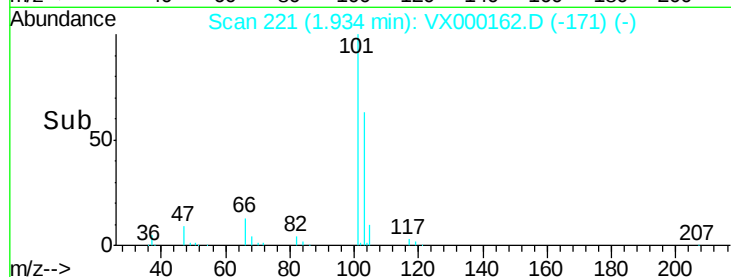
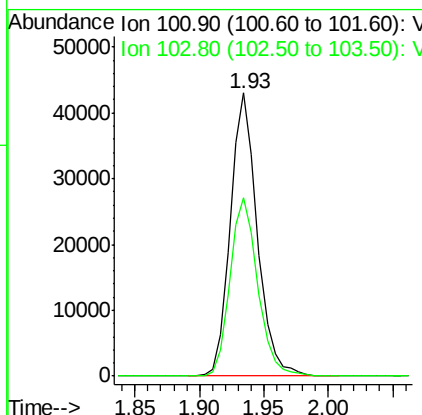
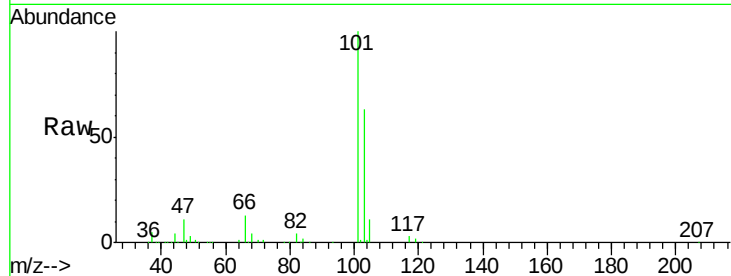
Trichlorofluoromethane
 Concen: 21.67 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
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 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.7	79.1

Manual Integrations
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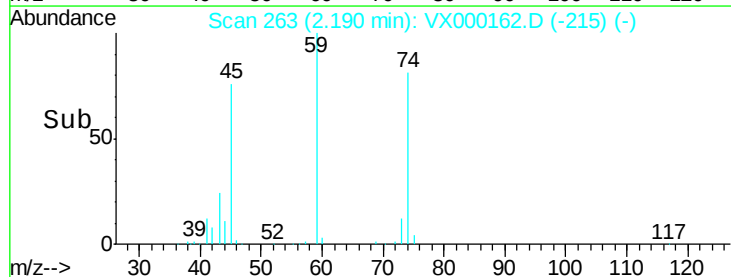
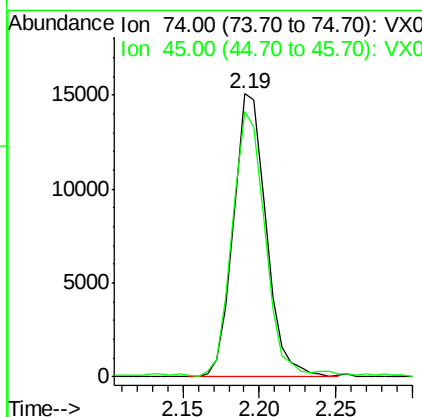
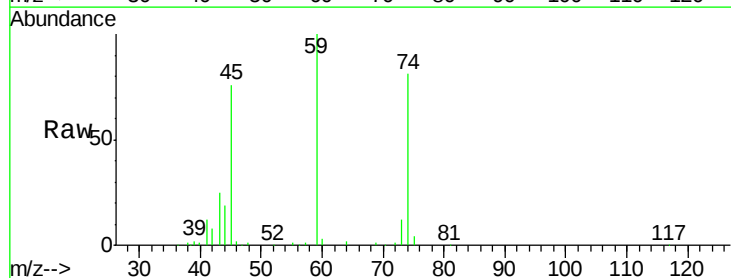
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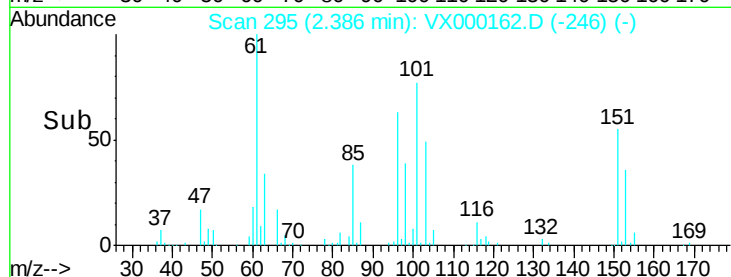
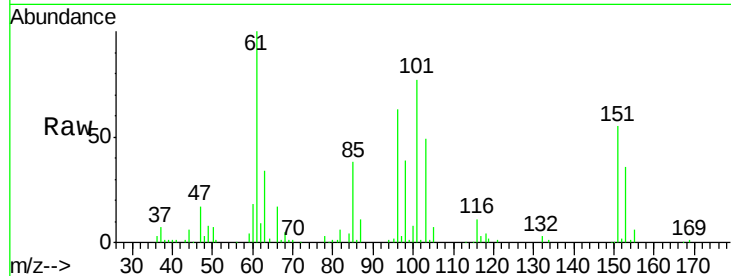
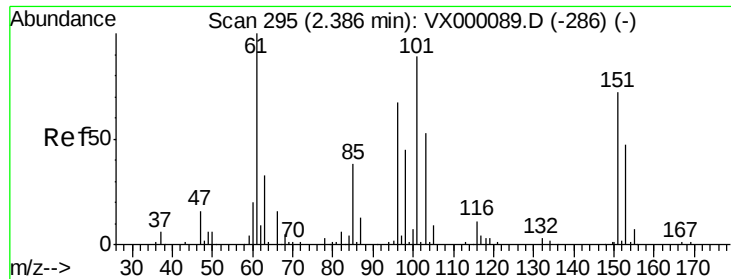


#8

Diethyl Ether
 Concen: 22.33 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	44.7	134.1





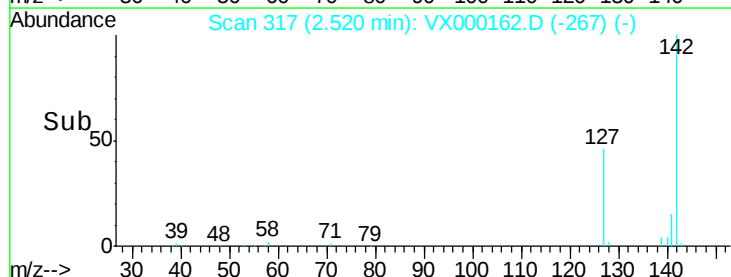
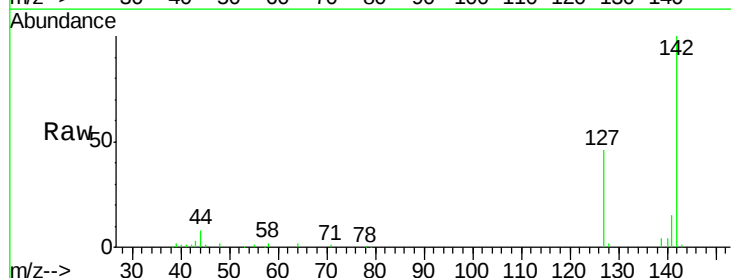
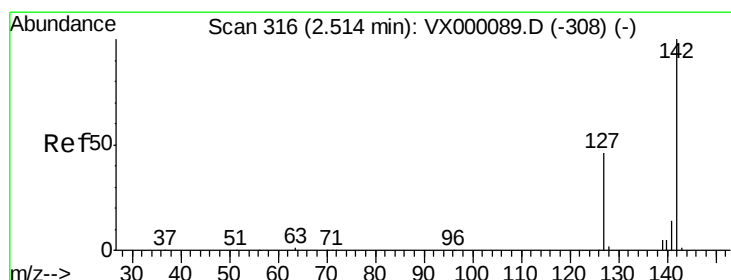
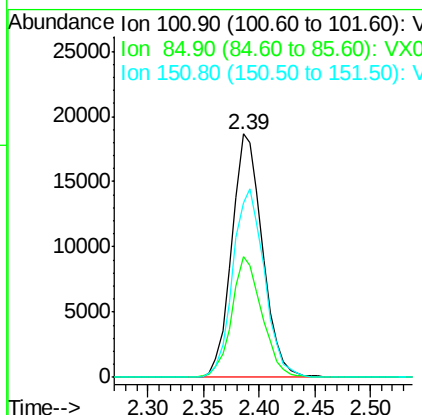
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.95 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	35664		
85	48.8	36.7	55.1	
151	79.5	65.8	98.6	

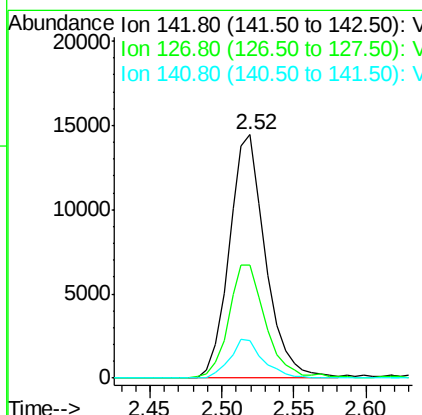
Manual Integrations
APPROVED

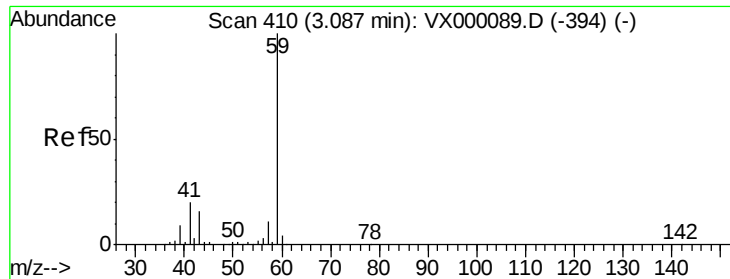
apatel
3/1/2018 12:52:55 PM



#10
Methyl Iodide
Concen: 14.23 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	25317		
127	47.8	36.8	55.2	
141	14.5	11.6	17.4	





#11

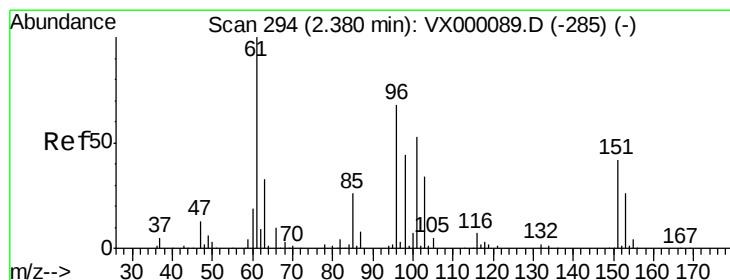
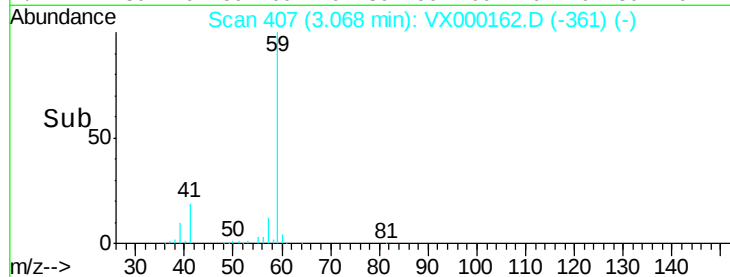
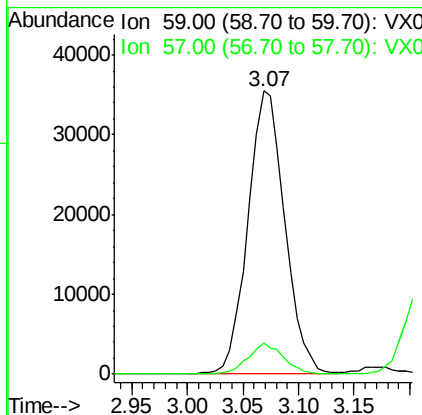
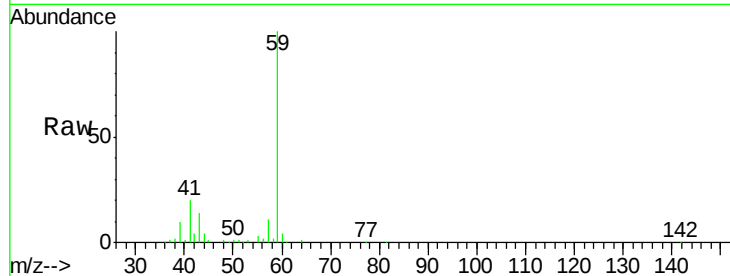
Tert butyl alcohol
Concen: 117.79 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
APPROVED

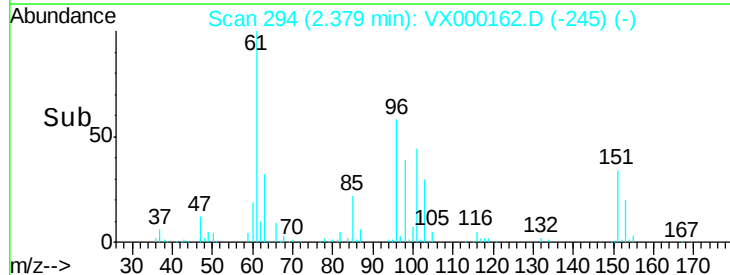
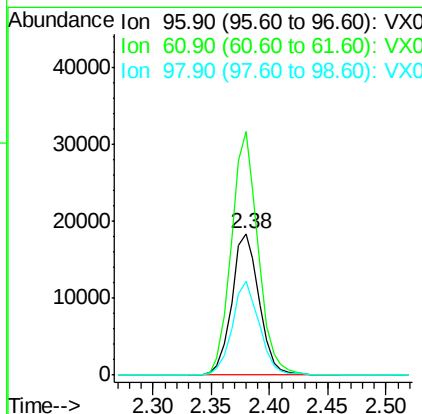
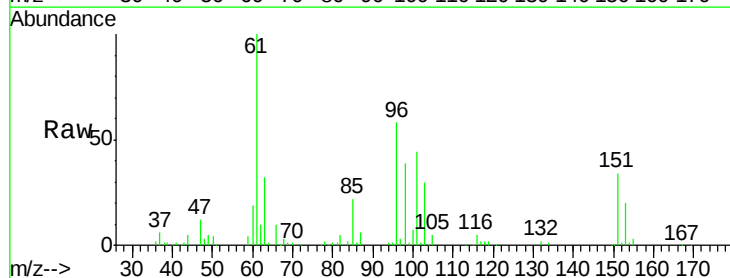
apatel
3/1/2018 12:52:55 PM

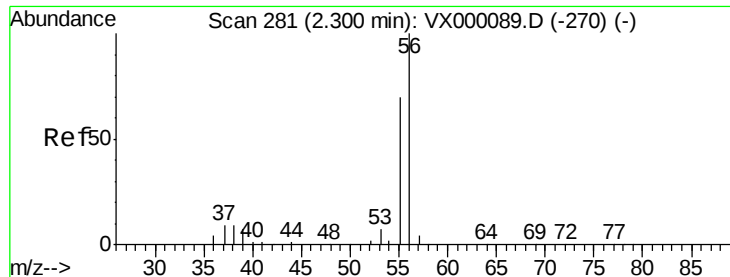


#12

1,1-Dichloroethene
Concen: 19.93 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.2	117.7	176.5
98	66.7	51.3	76.9





#13

Acrolein

Concen: 24.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 56 Resp: 8119

Ion Ratio Lower Upper

56 100

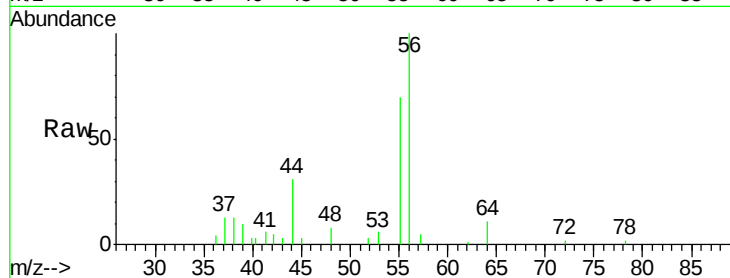
55 75.6 56.2 84.4

Manual Integrations

APPROVED

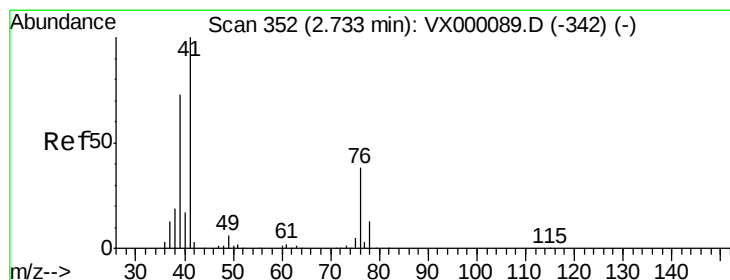
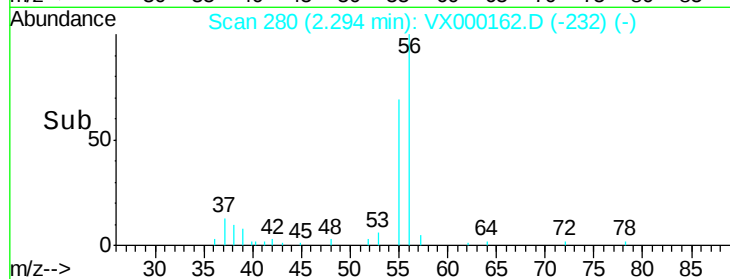
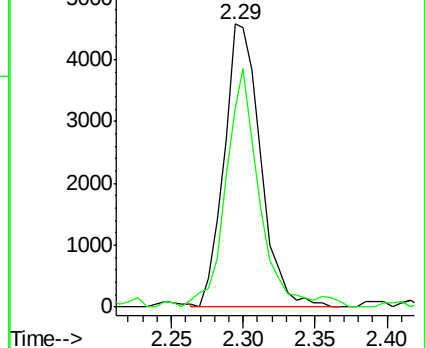
apatel

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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: 22.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

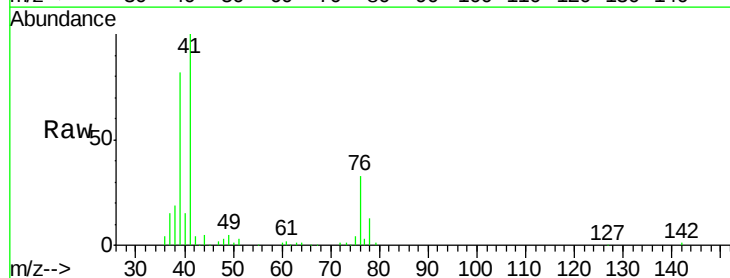
Tgt Ion: 41 Resp: 57369

Ion Ratio Lower Upper

41 100

39 72.1 55.1 82.7

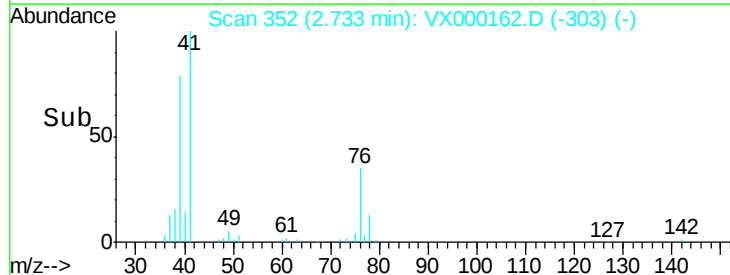
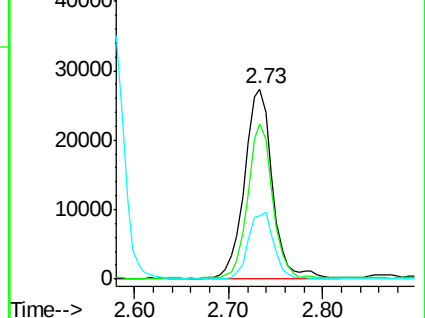
76 31.9 28.5 42.7

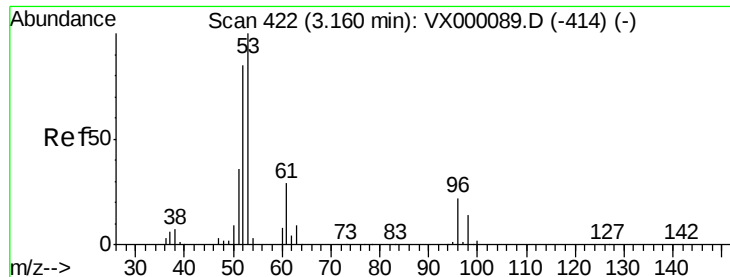


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

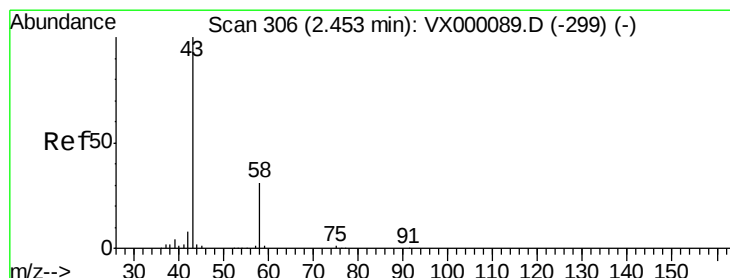
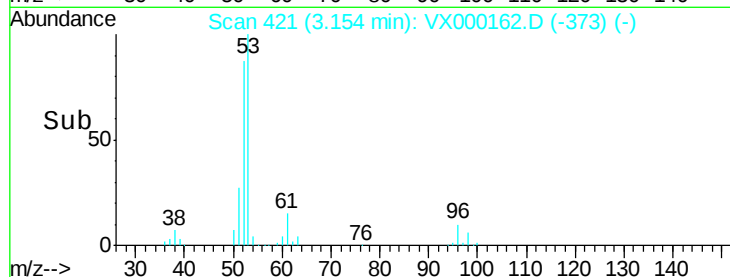
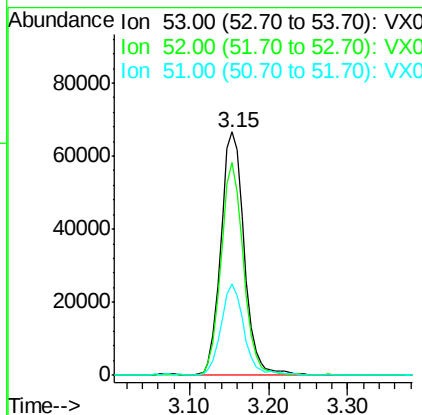
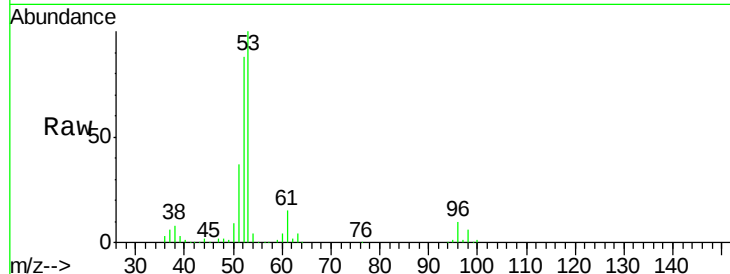
ClientSampled :

VX0228WBS01

Tot Ion:	53	Resp:	136570
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.5	99.7
51	37.1	29.0	43.6

Manual Integrations
APPROVED

apatel
3/1/2018 12:52:55 PM



#16

Acetone

Concen: 141.77 ug/l

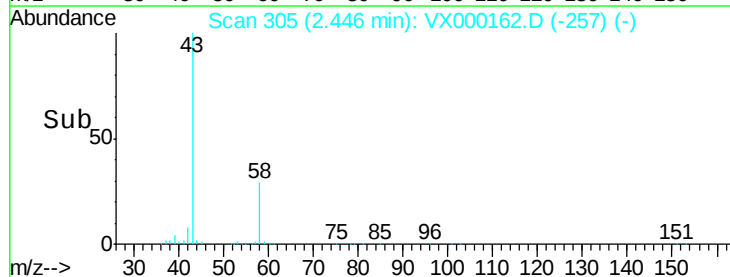
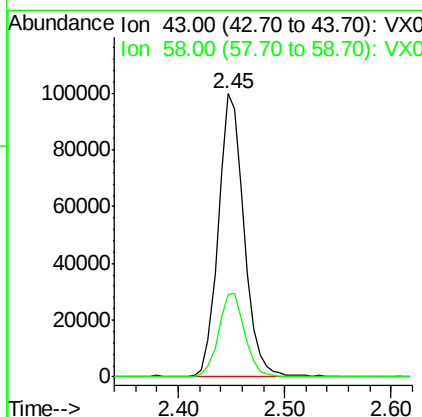
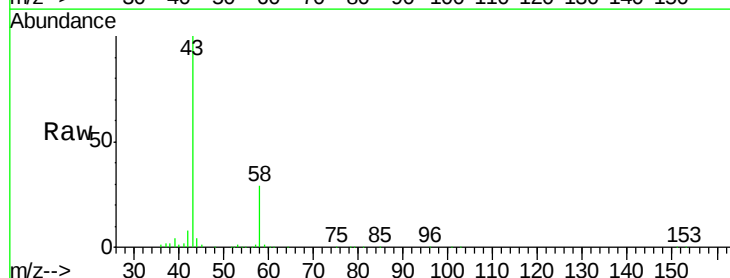
RT: 2.45 min Scan# 305

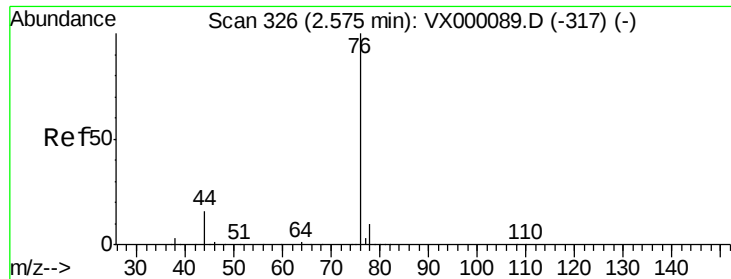
Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	43	Resp:	165916
Ion Ratio	Lower	Upper	
43	100		
58	29.1	25.0	37.4





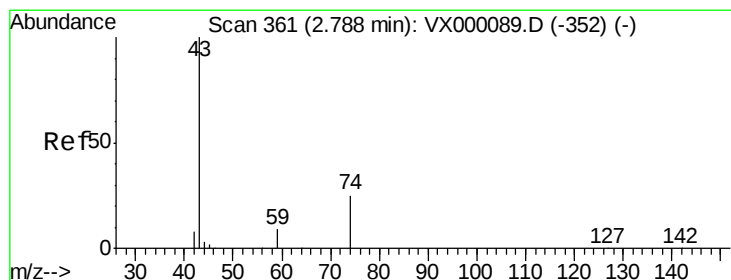
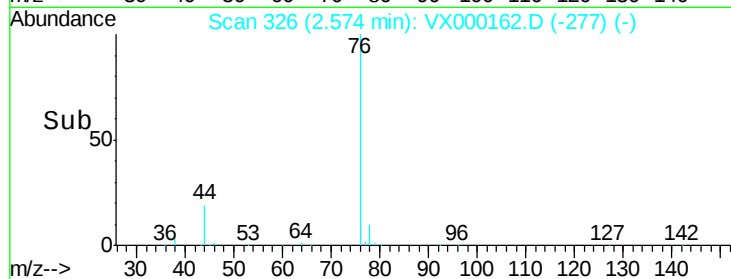
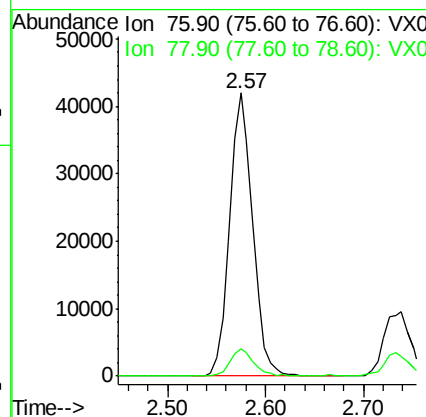
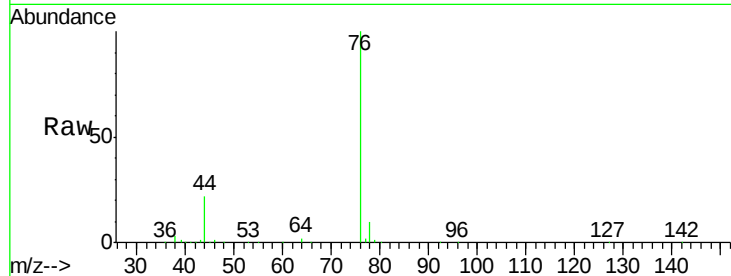
#17
Carbon Disulfide
Concen: 15.39 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.9	7.8	11.8	

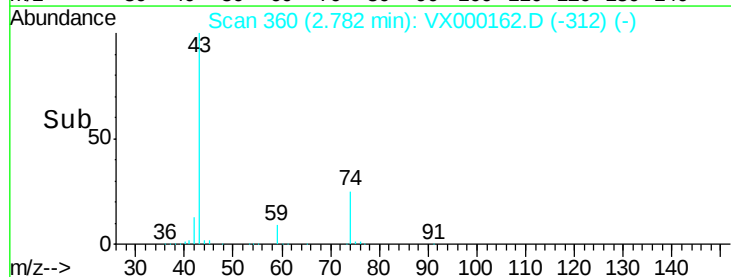
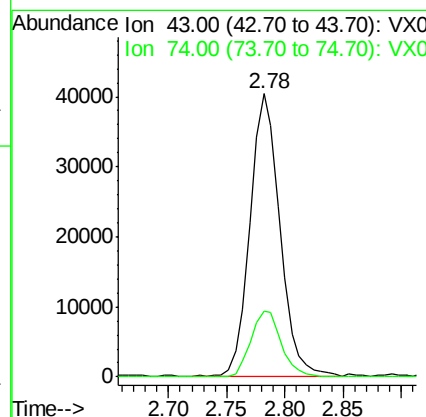
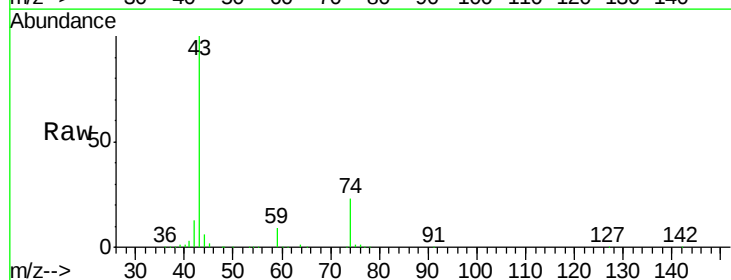
Manual Integrations
APPROVED

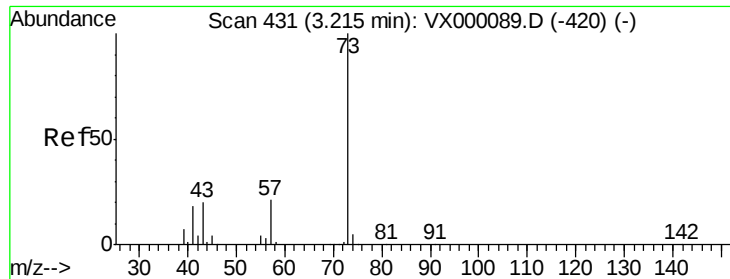
apatel
3/1/2018 12:52:55 PM



#18
Methyl Acetate
Concen: 26.28 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	23.9	20.2	30.4	





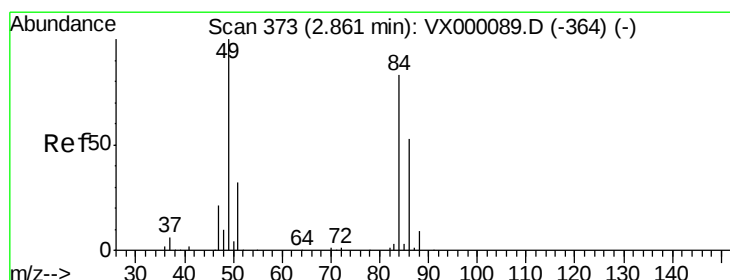
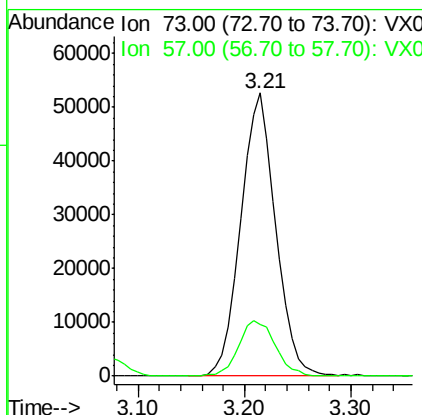
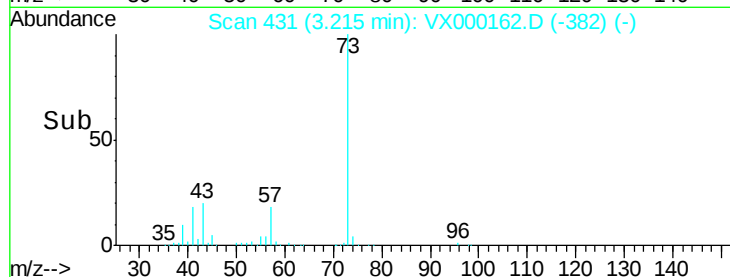
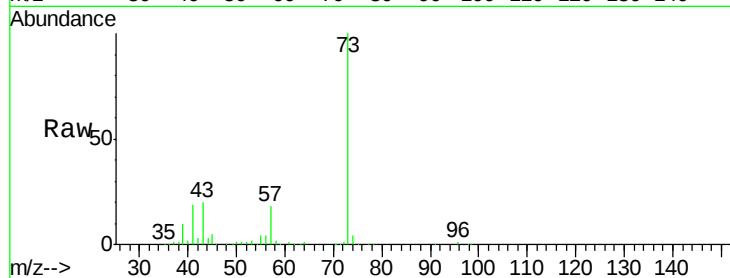
#19
Methyl tert-butyl Ether
Concen: 23.33 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion: 73 Resp: 121178
Ion Ratio Lower Upper
73 100
57 18.3 16.4 24.6

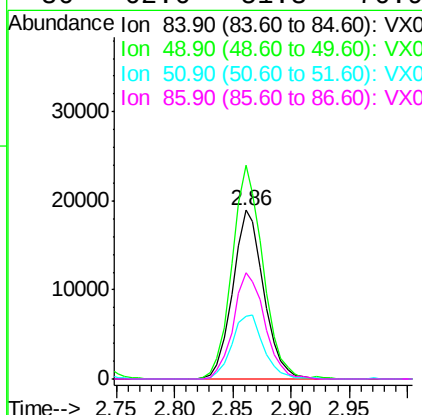
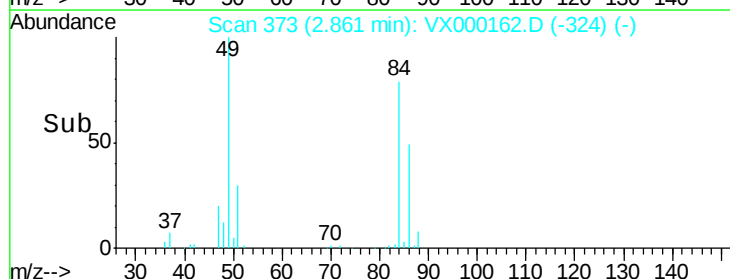
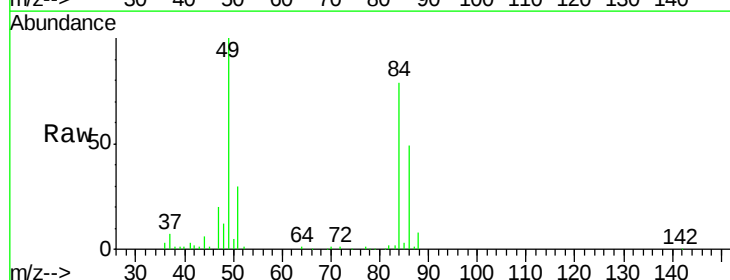
Manual Integrations
APPROVED

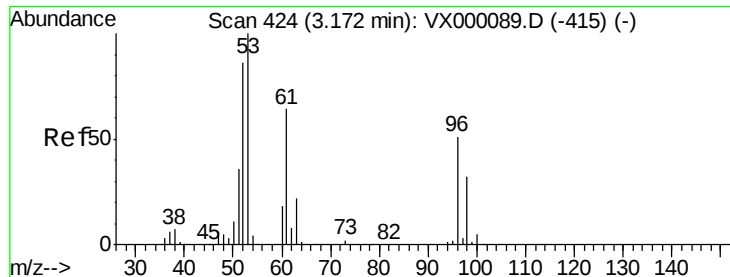
apatel
3/1/2018 12:52:55 PM



#20
Methylene Chloride
Concen: 22.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 84 Resp: 35290
Ion Ratio Lower Upper
84 100
49 126.4 96.1 144.1
51 37.4 30.5 45.7
86 62.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.50 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 96 Resp: 33626

Ion Ratio Lower Upper

96 100

61 139.7 100.3 150.5

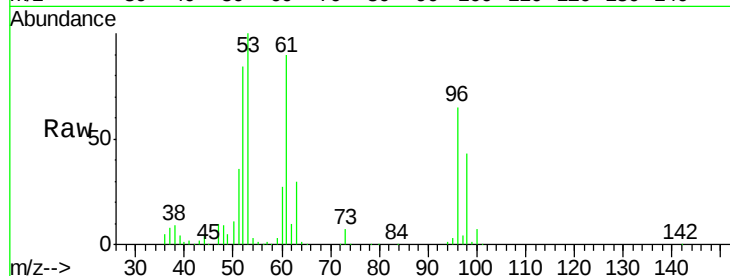
98 65.9 50.6 75.8

Manual Integrations

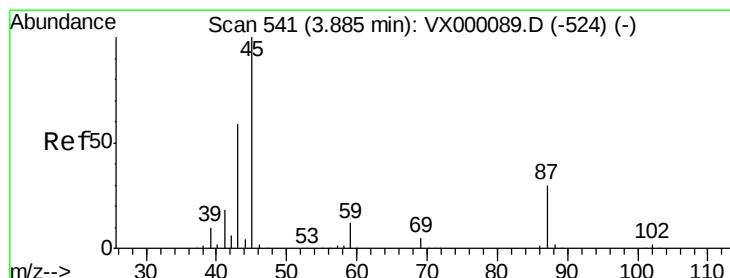
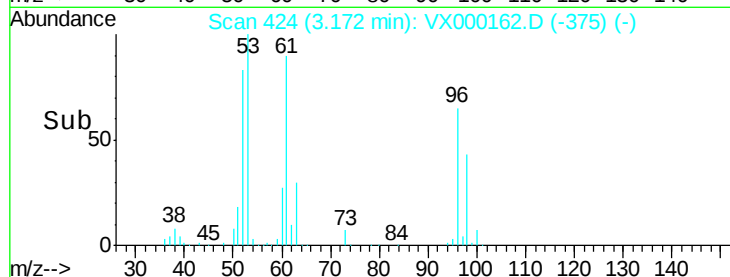
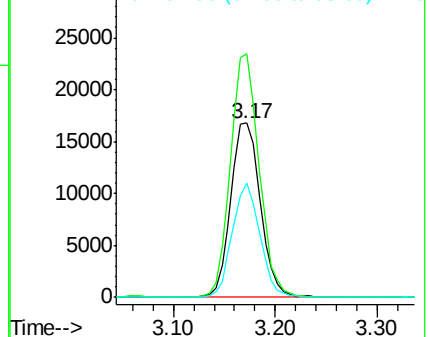
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 24.55 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion: 45 Resp: 108650

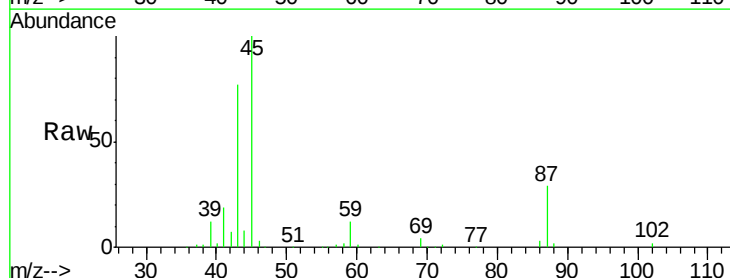
Ion Ratio Lower Upper

45 100

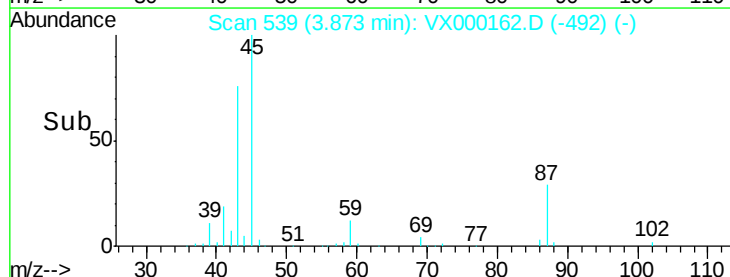
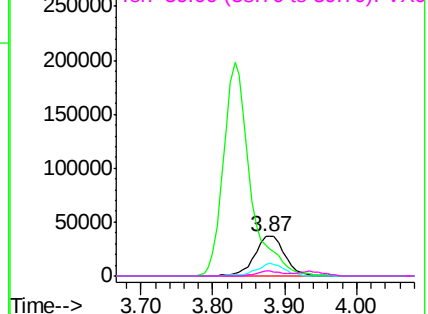
43 76.2 47.4 71.2#

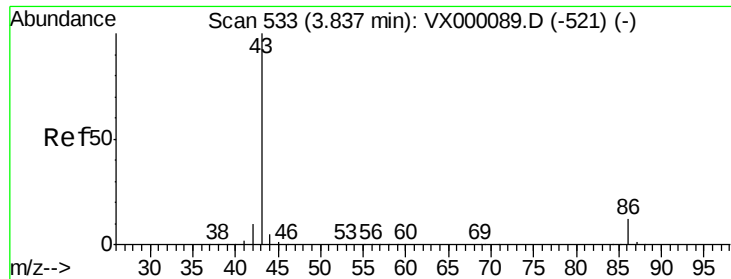
87 29.0 24.2 36.2

59 11.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 125.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 43 Resp: 514402

Ion Ratio Lower Upper

43 100

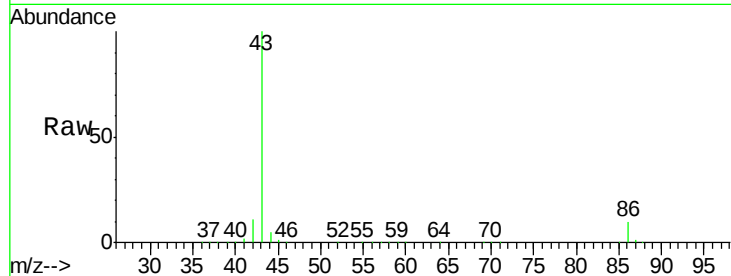
86 10.3 9.4 14.0

Manual Integrations

APPROVED

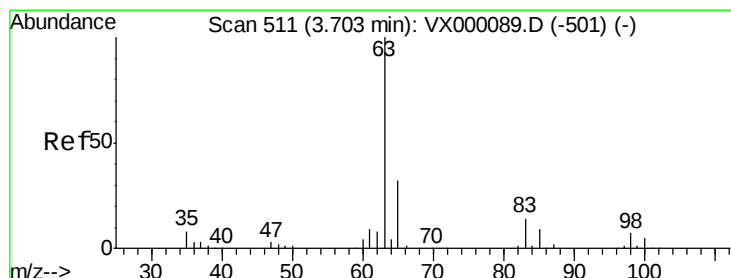
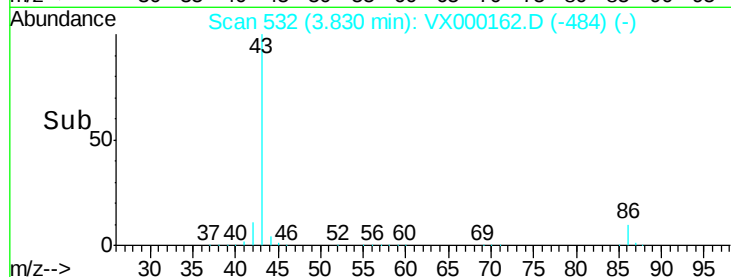
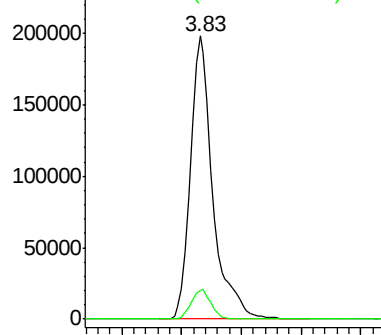
apatel

3/1/2018 12:52:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.62 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

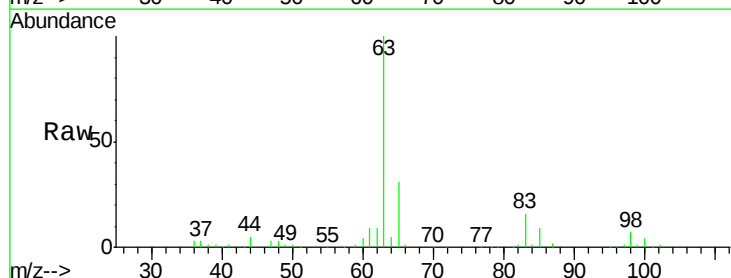
Tgt Ion: 63 Resp: 61940

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

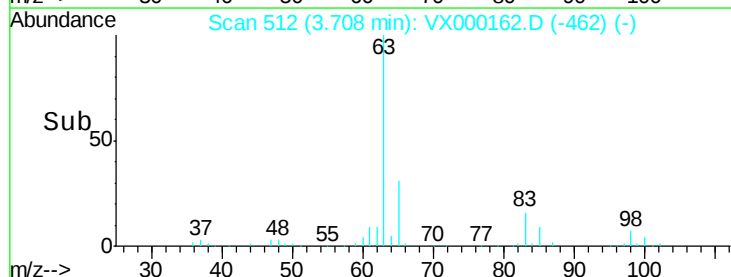
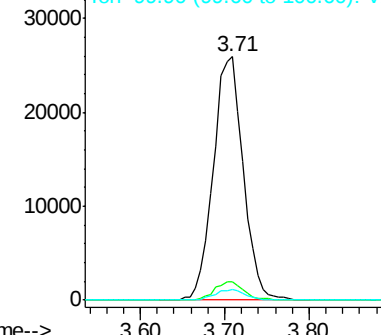
100 4.3 2.4 7.1

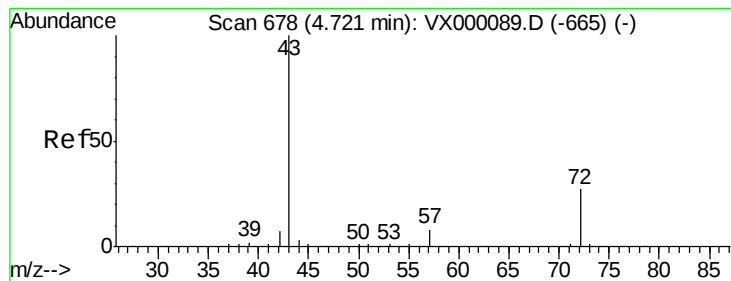


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 120.41 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 43 Resp: 196718

Ion Ratio Lower Upper

43 100

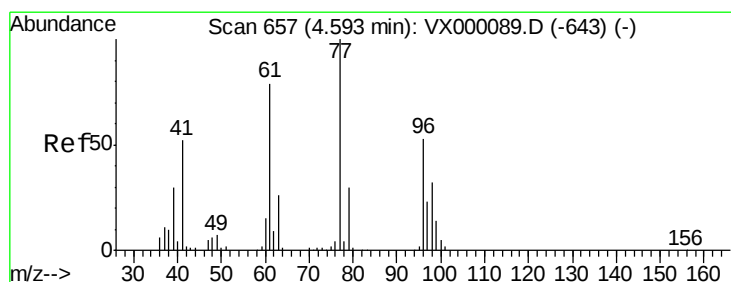
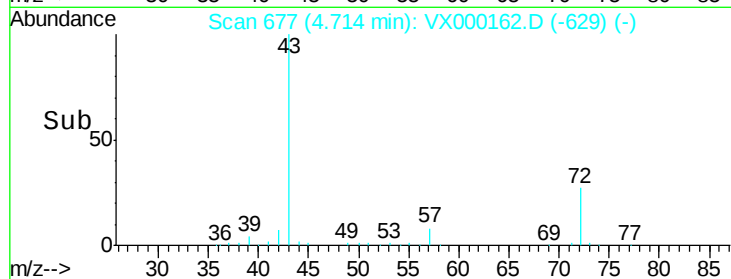
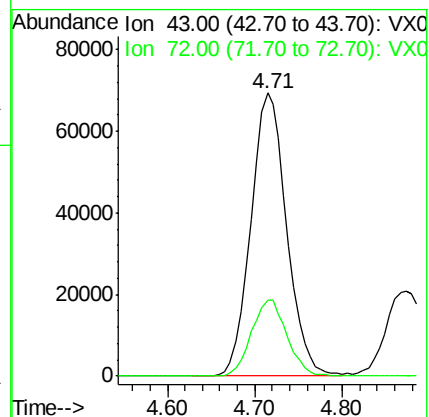
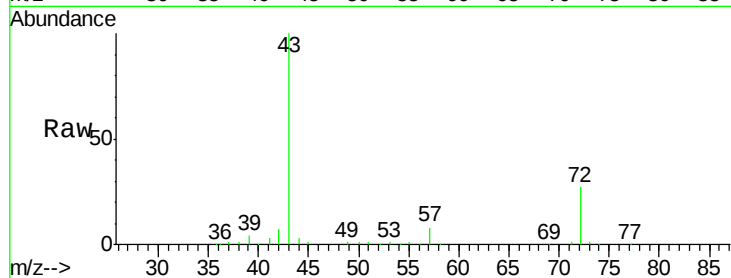
72 26.7 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.02 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000162.D

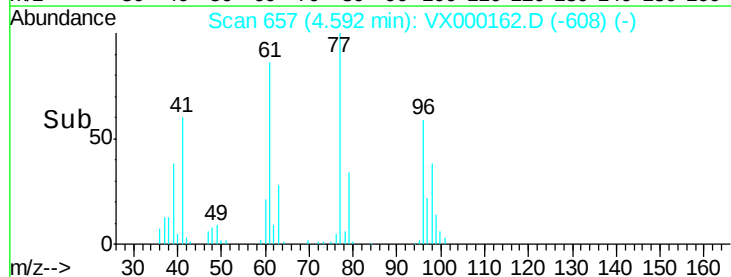
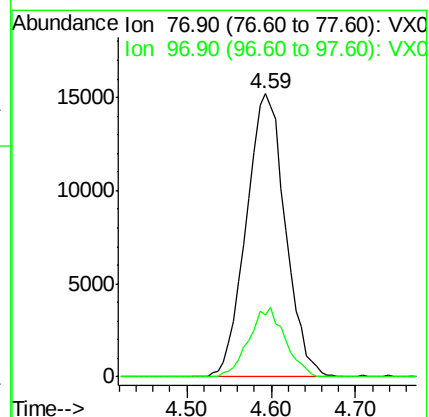
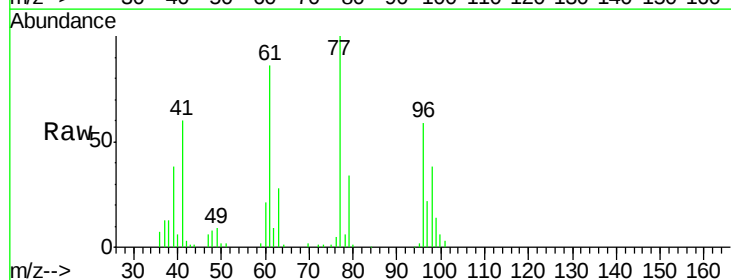
Acq: 28 Feb 2018 12:28

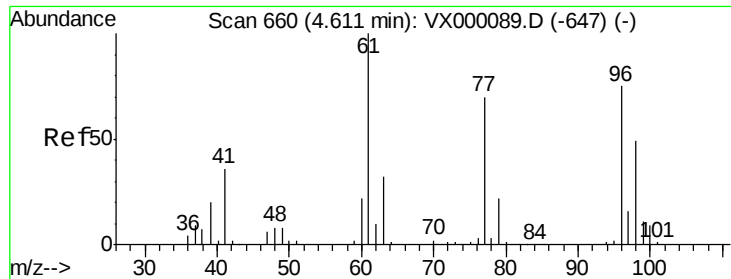
Tgt Ion: 77 Resp: 47908

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

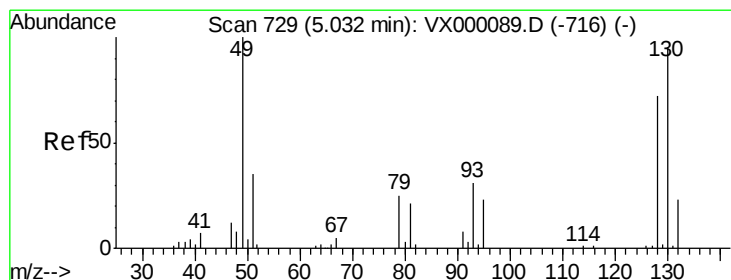
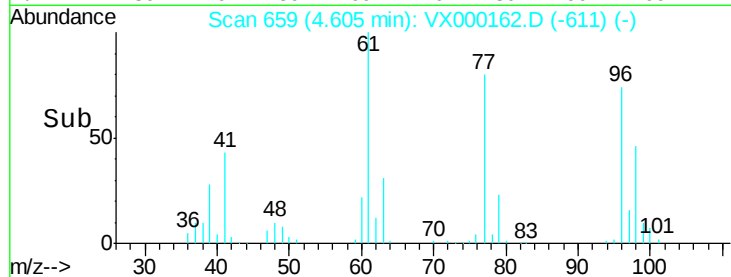
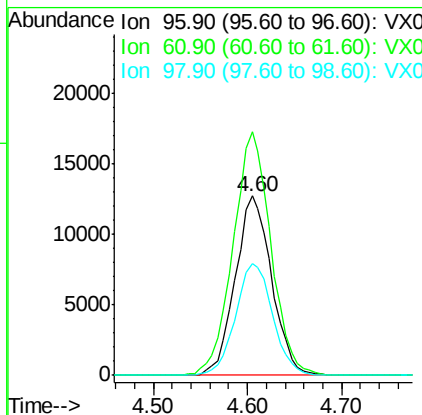
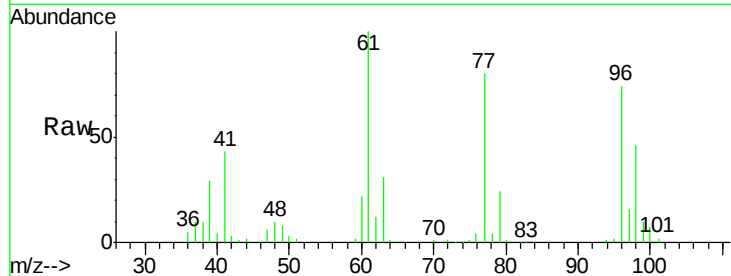
cis-1,2-Dichloroethene
Concen: 21.99 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	34368		
61	140.4	0.0	285.6	
98	63.6	0.0	131.8	

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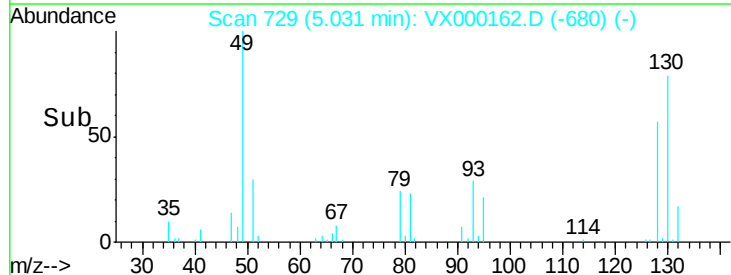
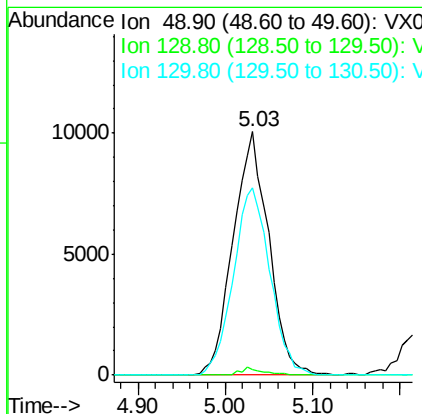
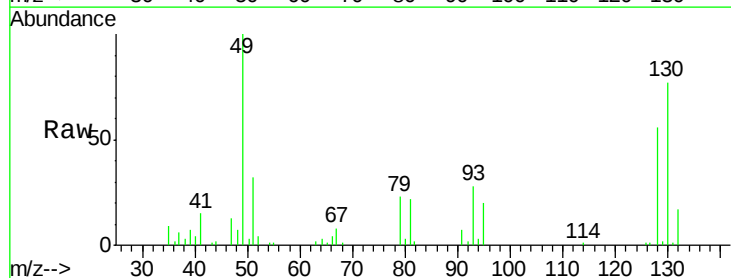
apatel
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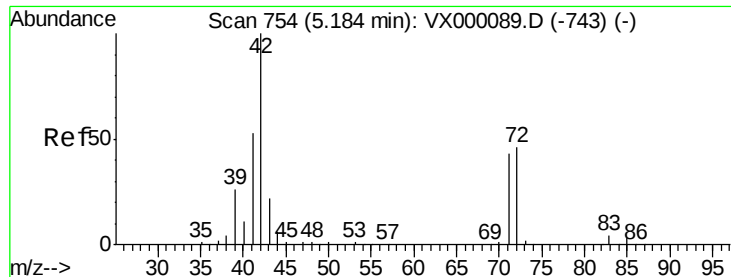


#28

Bromochloromethane
Concen: 24.14 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28387		
129	1.9	0.0	5.0	
130	79.1	71.9	107.9	





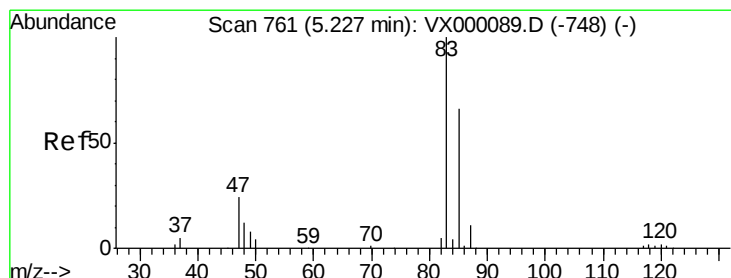
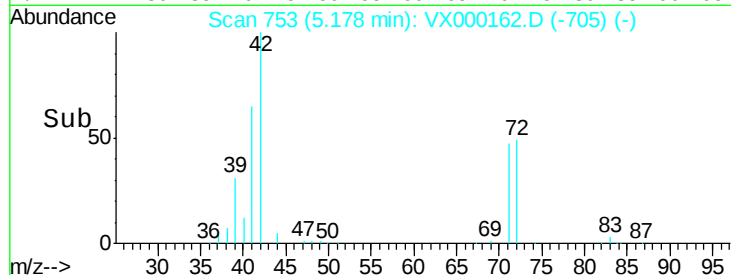
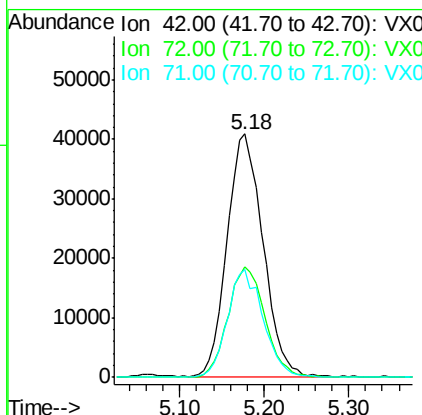
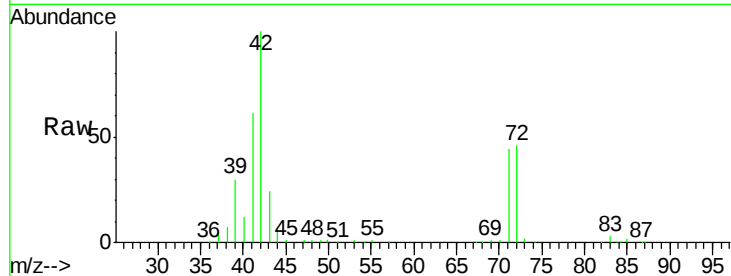
#29
Tetrahydrofuran
Concen: 111.64 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	38.6	58.0
71	43.9	36.2	54.4

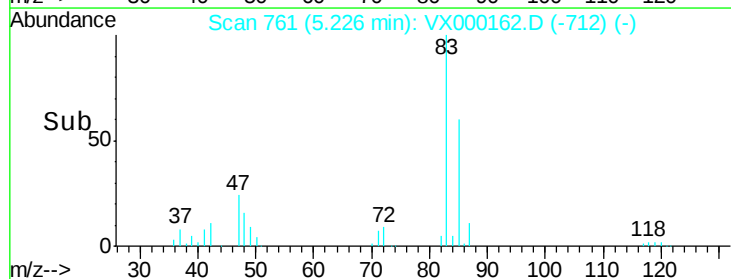
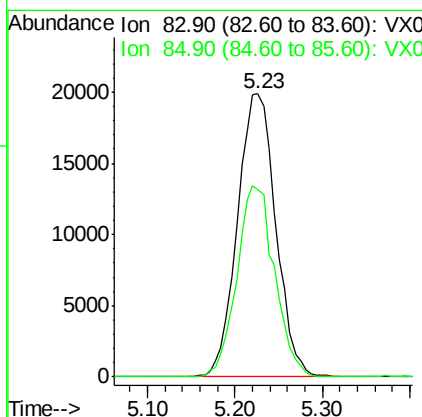
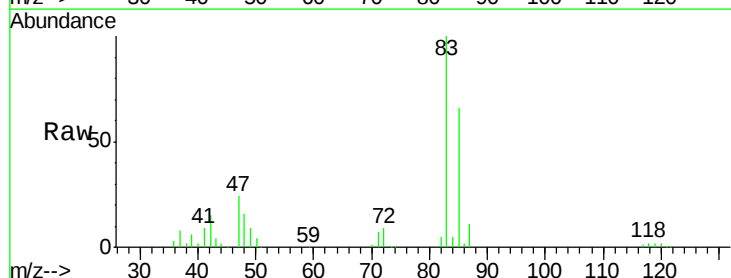
Manual Integrations
APPROVED

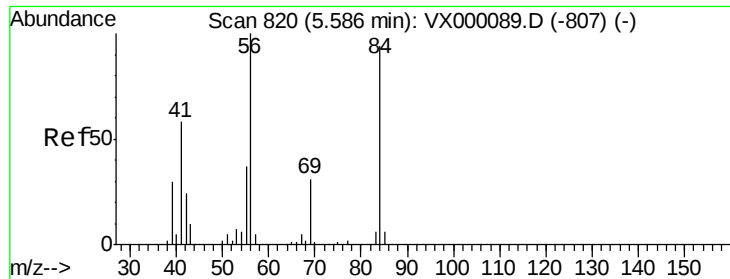
apatel
3/1/2018 12:52:55 PM



#30
Chloroform
Concen: 21.91 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.7	79.1





#31

Cyclohexane

Concen: 20.16 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

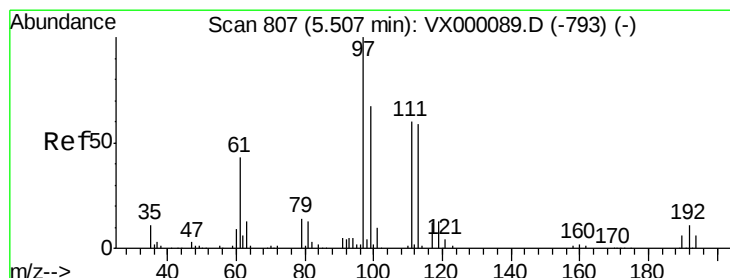
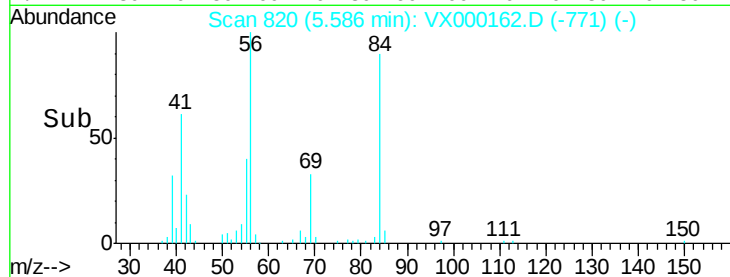
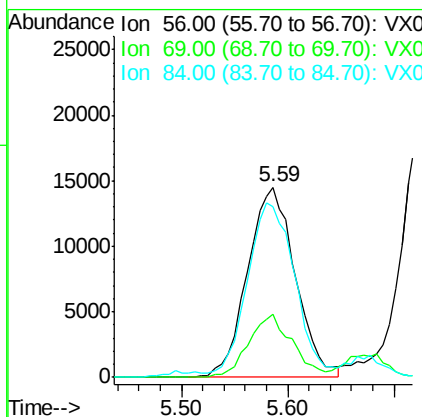
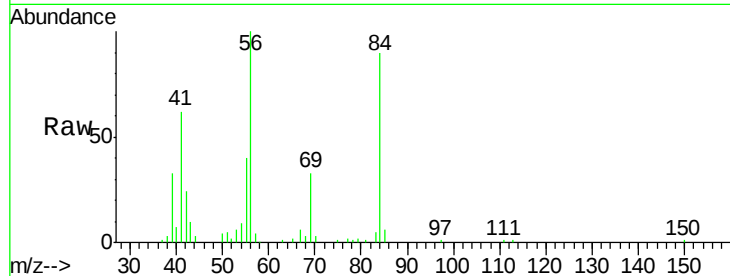
ClientSampled :

VX0228WBS01

Tot Ion:	56	Resp:	45449
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.9	37.3
84	87.3	75.0	112.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.94 ug/l

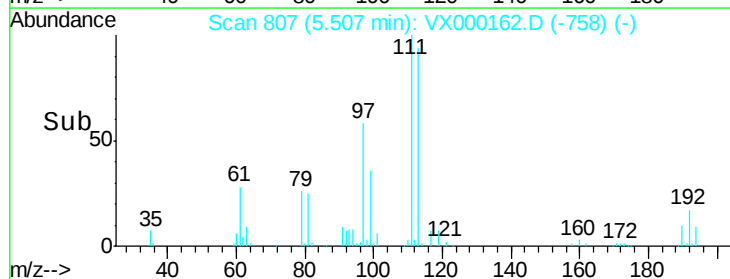
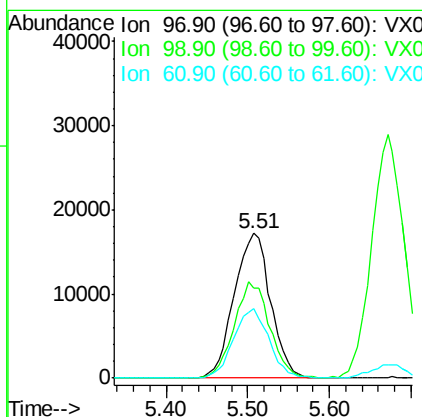
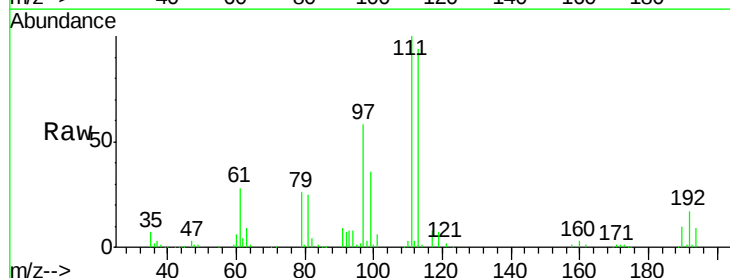
RT: 5.51 min Scan# 807

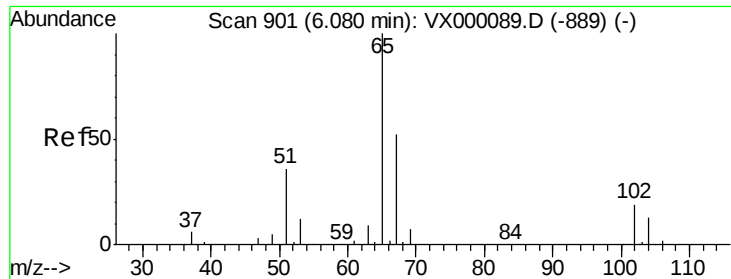
Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	97	Resp:	53187
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	46.8	33.4	50.0





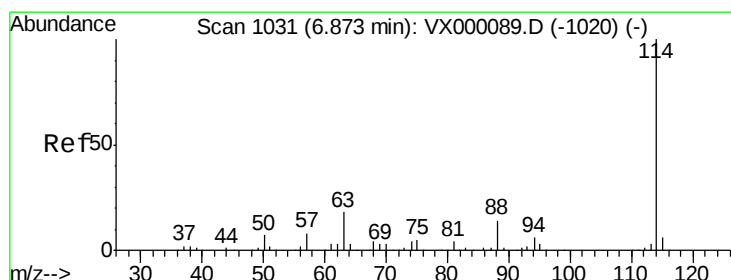
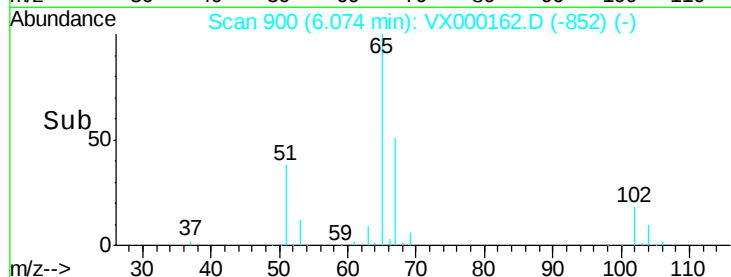
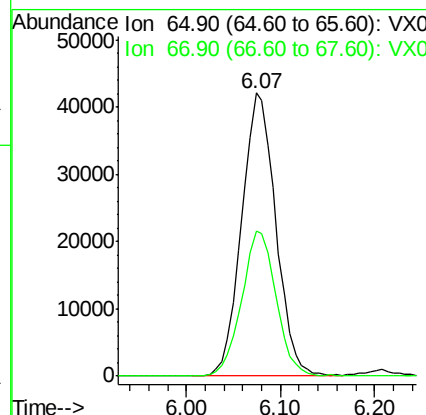
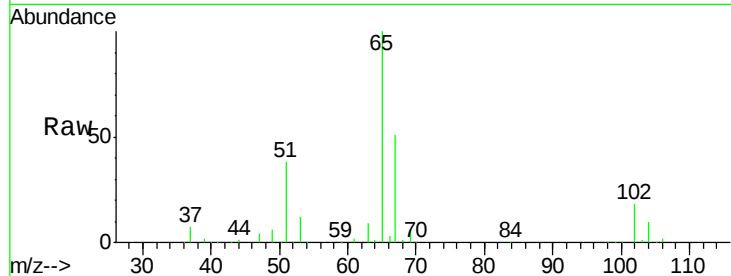
#33
 1,2-Dichloroethane-d4
 Concen: 59.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106879		
67	51.5	0.0	104.8	

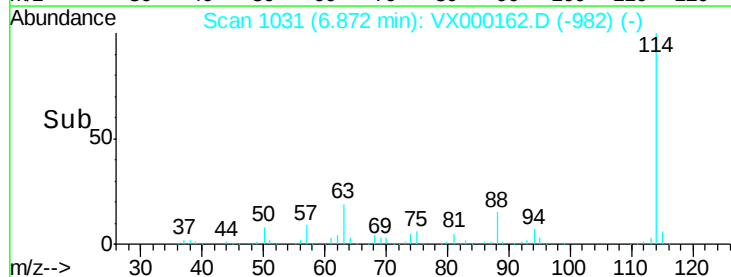
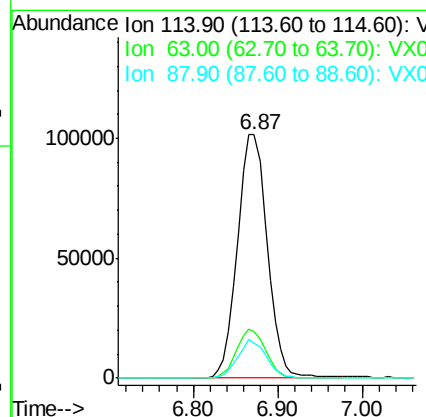
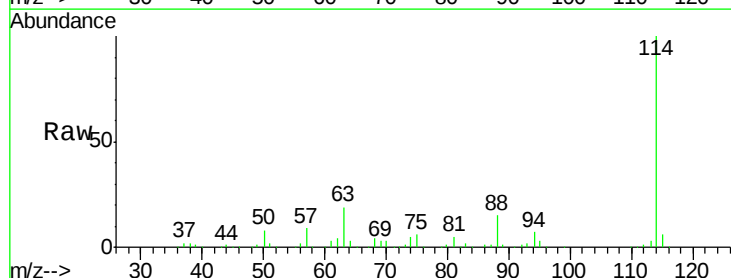
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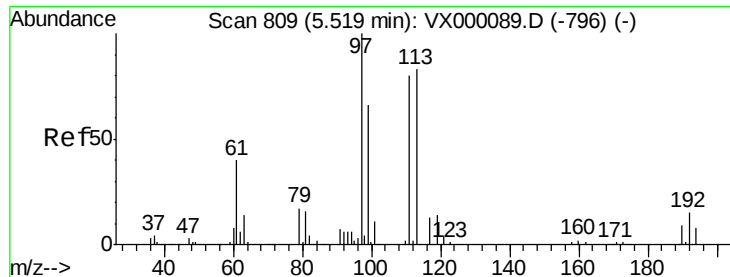
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	244431		
63	19.0	0.0	36.4	
88	14.5	0.0	29.0	





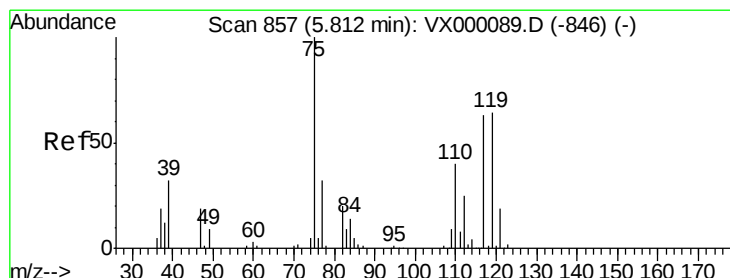
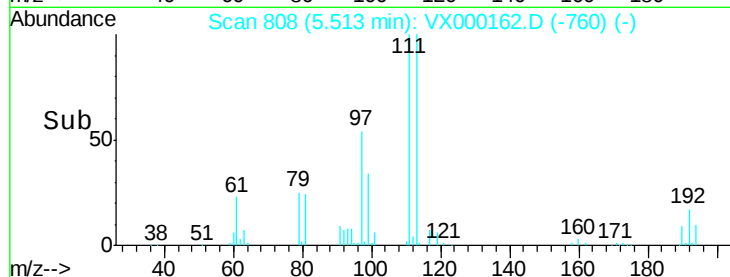
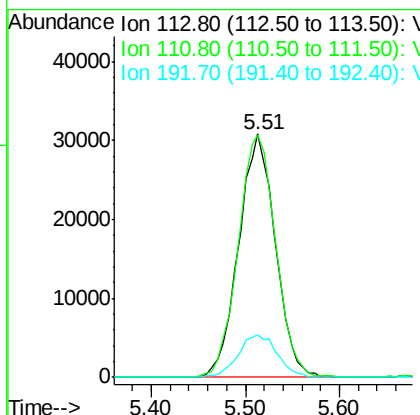
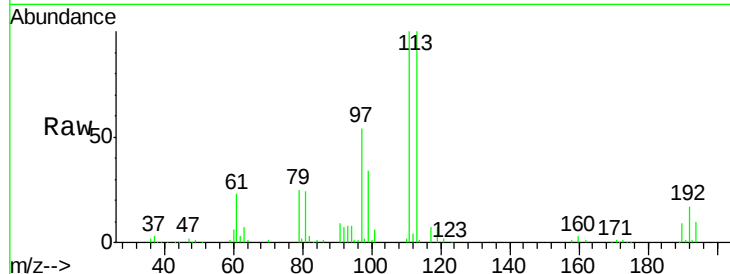
#35
 Dibromofluoromethane
 Concen: 54.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.6
192	18.6	15.7	23.5

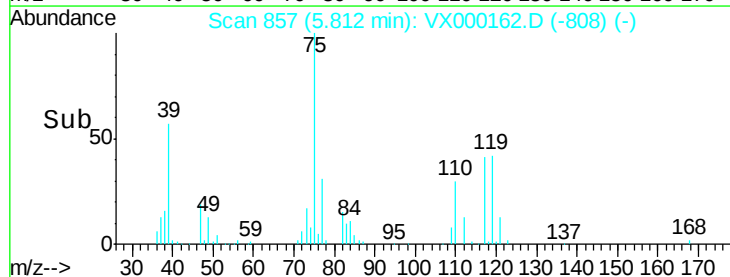
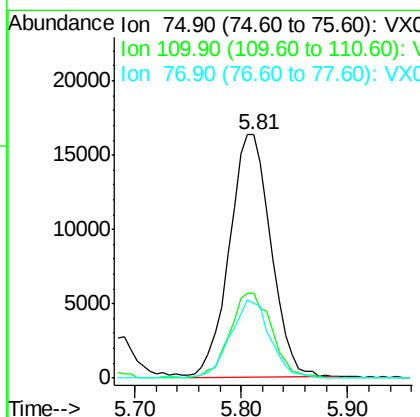
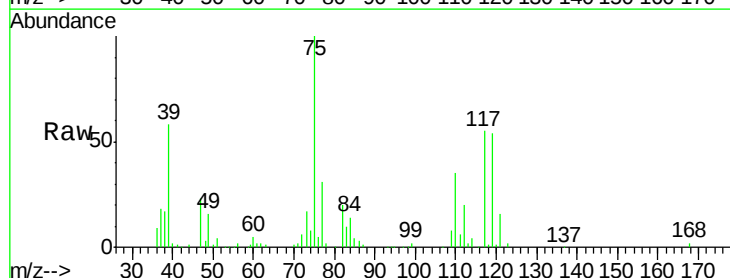
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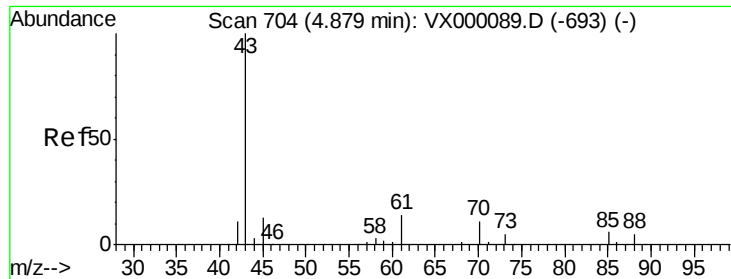
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.27 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.5	58.5
77	31.1	24.7	37.1





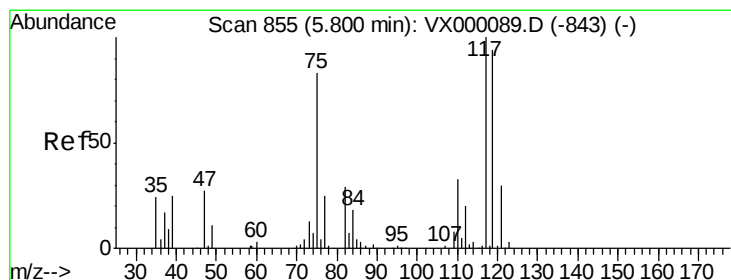
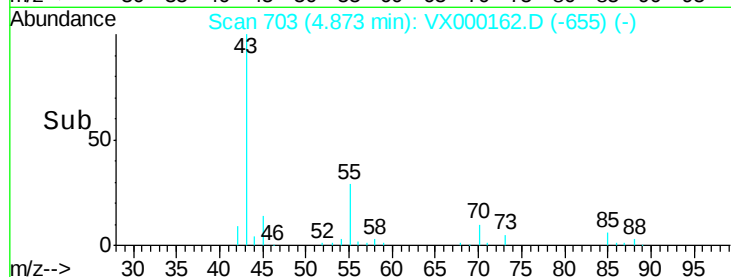
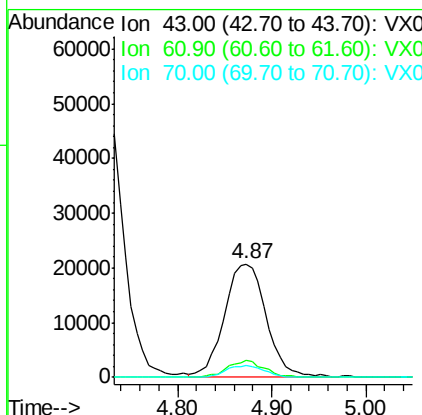
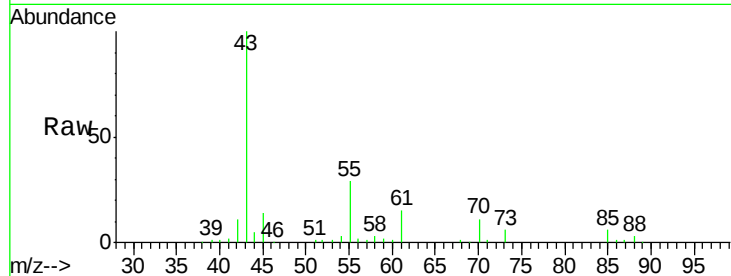
#37
Ethyl Acetate
Concen: 20.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.8	9.0	13.4

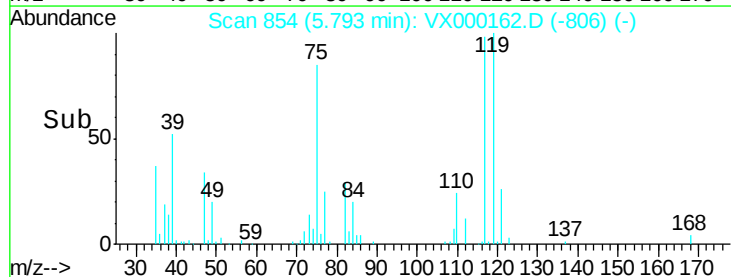
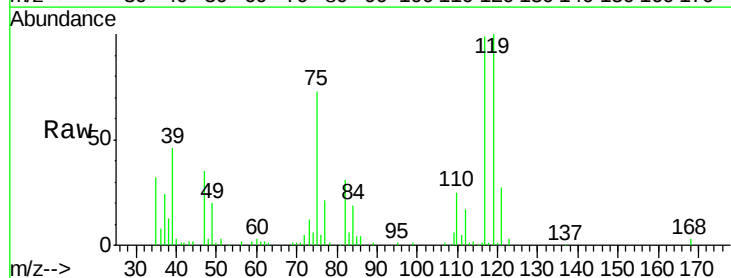
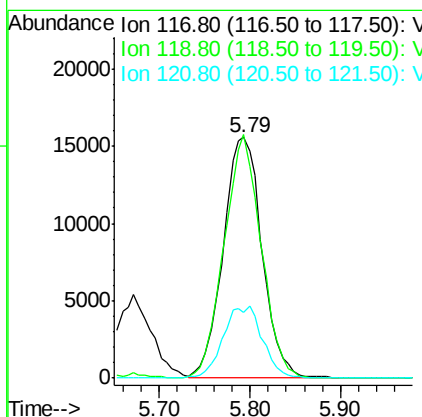
Manual Integrations
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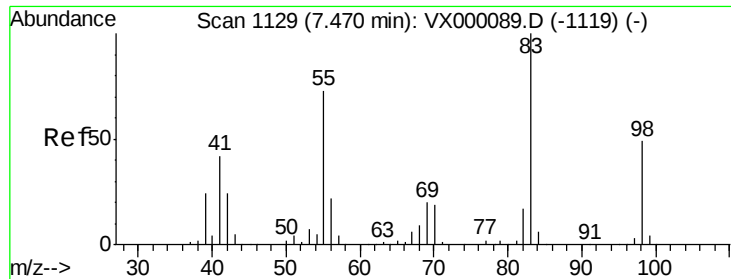
apatel
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#38
Carbon Tetrachloride
Concen: 19.55 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	75.3	112.9
121	27.2	23.7	35.5





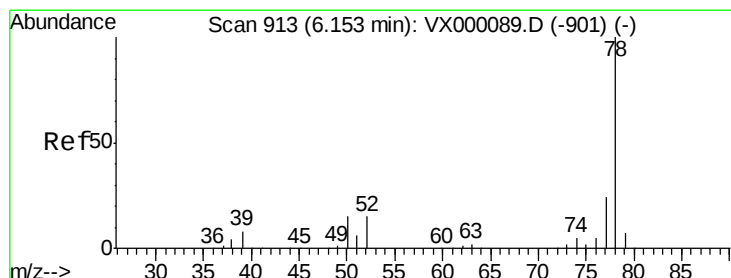
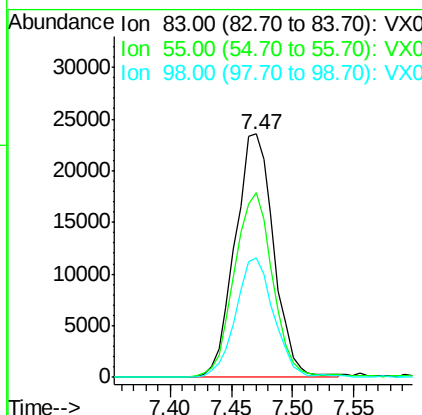
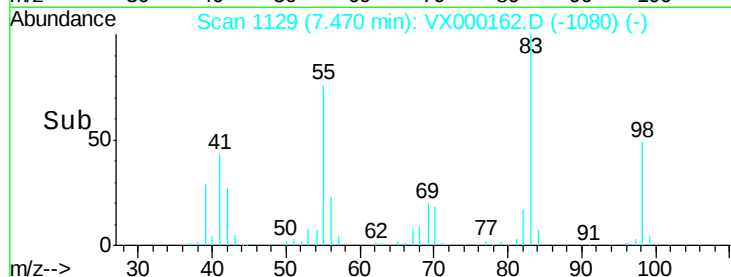
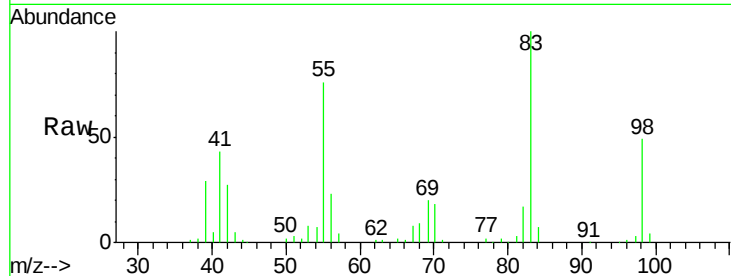
#39
Methvlcvclohexane
Concen: 19.63 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	58.2	87.2
98	48.8	39.0	58.6

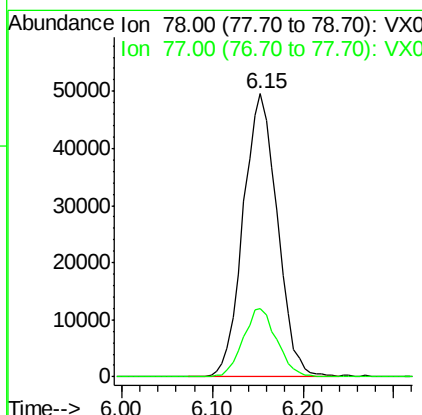
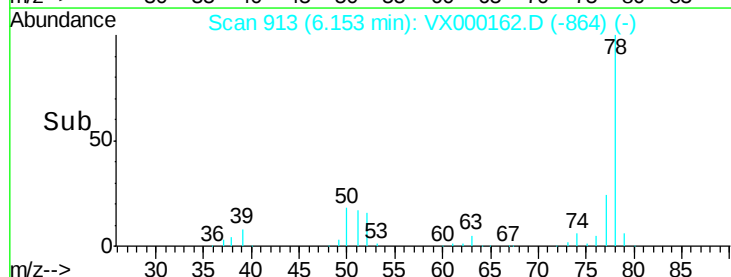
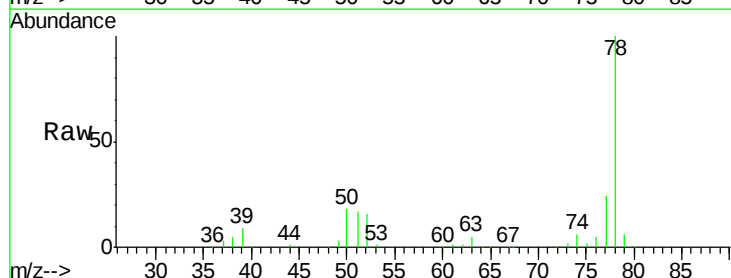
Manual Integrations
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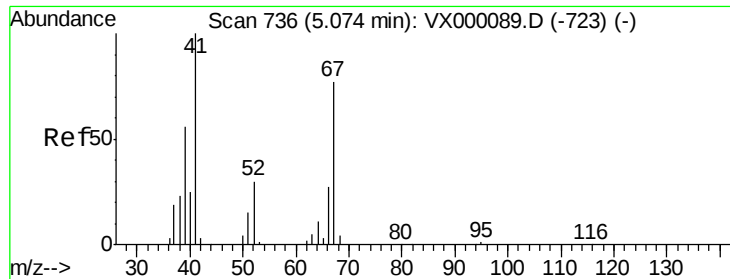
apatel
3/1/2018 12:52:55 PM



#40
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





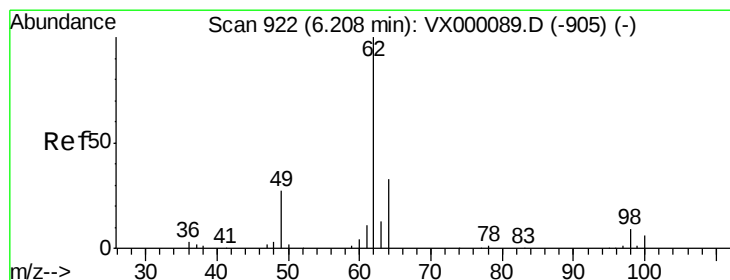
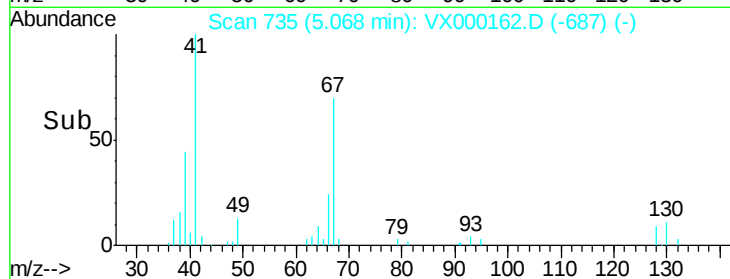
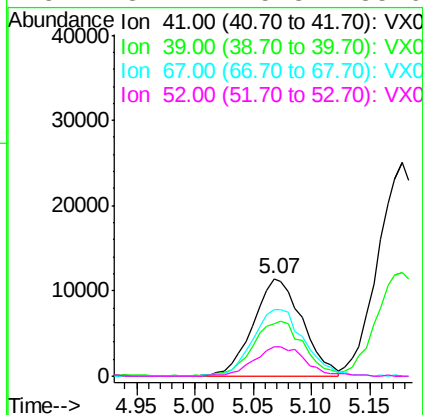
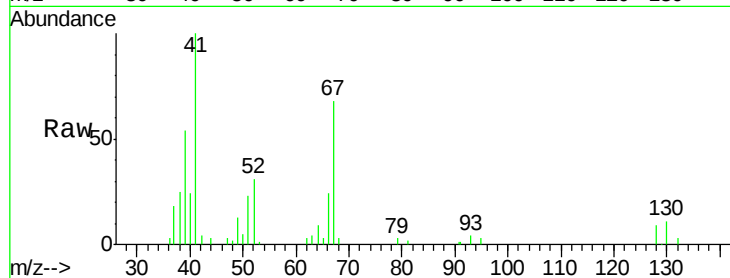
#41
Methacrylonitrile
Concen: 22.90 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.1	67.7
67	71.8	61.0	91.4
52	32.2	25.8	38.6

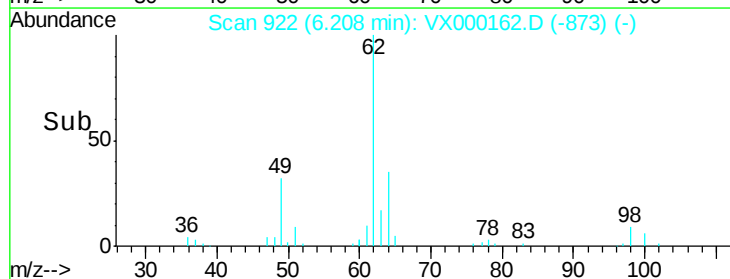
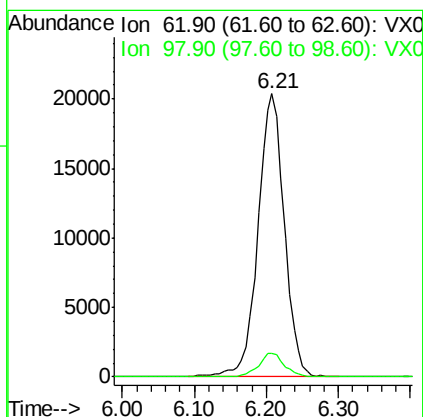
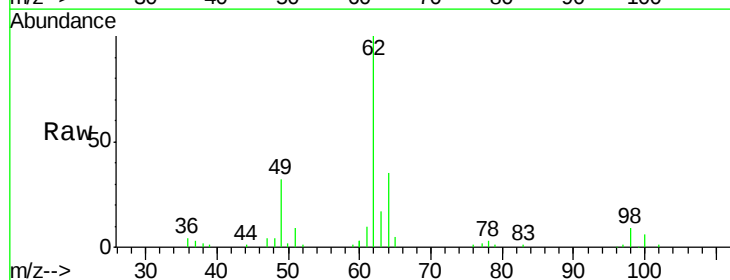
Manual Integrations
APPROVED

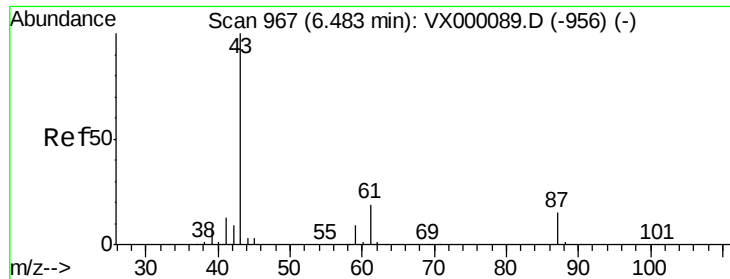
apatel
3/1/2018 12:52:55 PM



#42
1,2-Dichloroethane
Concen: 22.50 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

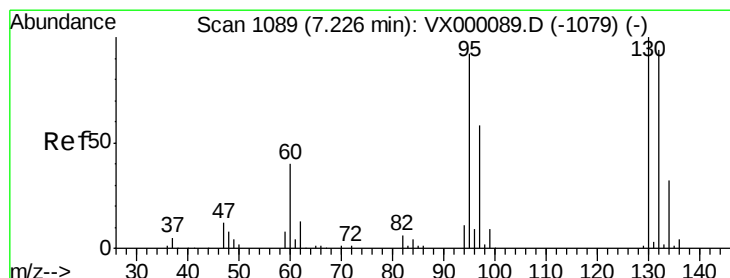
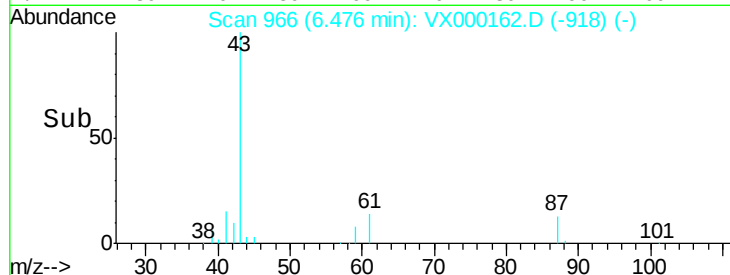
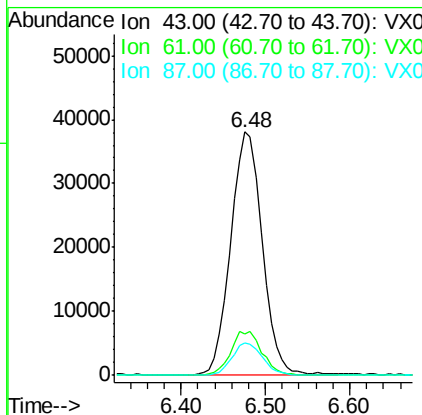
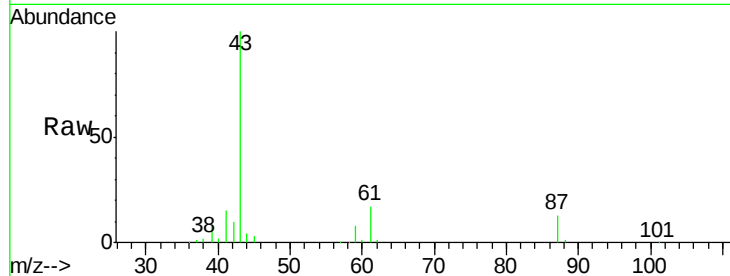
Isopropyl Acetate
 Concen: 22.32 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.6	23.4
87	12.7	11.7	17.5

Manual Integrations
 APPROVED

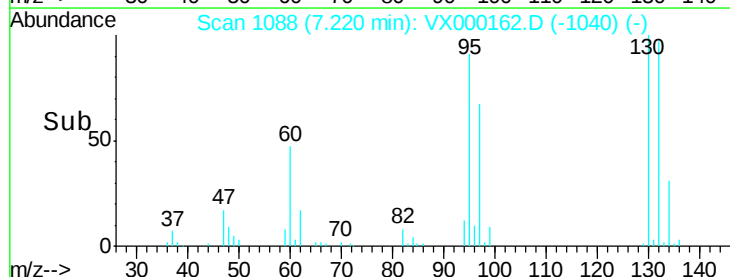
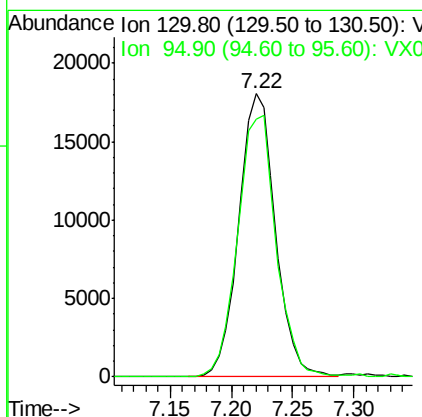
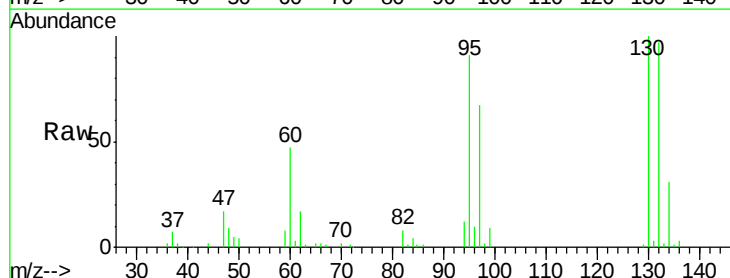
apatel
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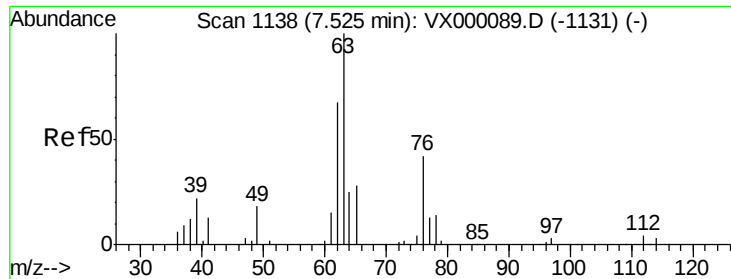


#44

Trichloroethene
 Concen: 20.41 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	183.4





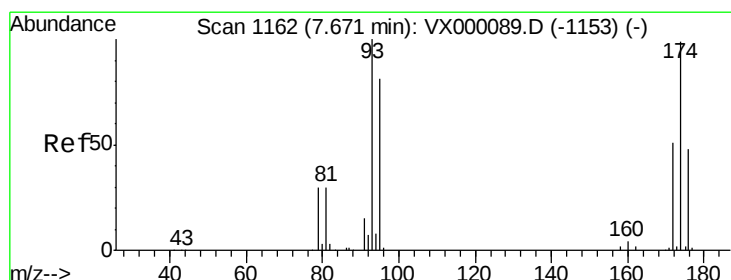
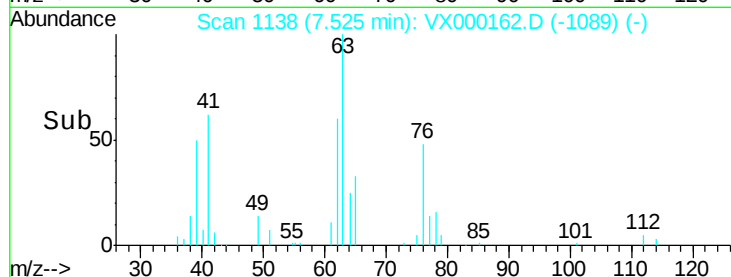
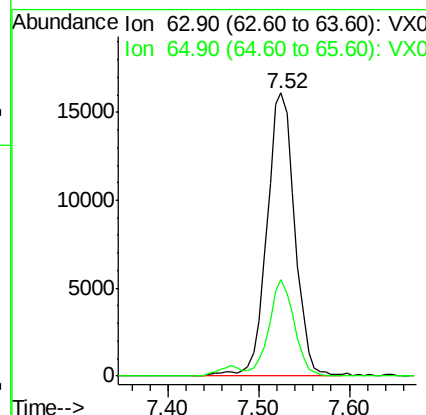
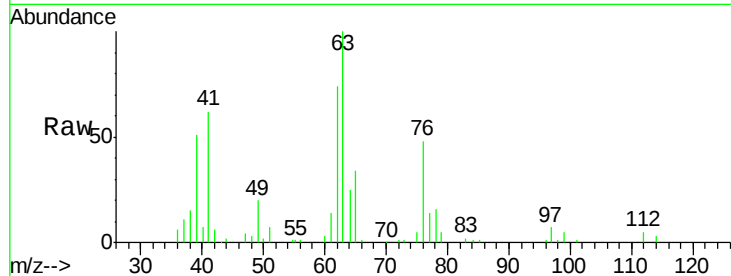
#45
 1,2-Dichloropropane
 Concen: 22.24 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.3	23.8	35.8

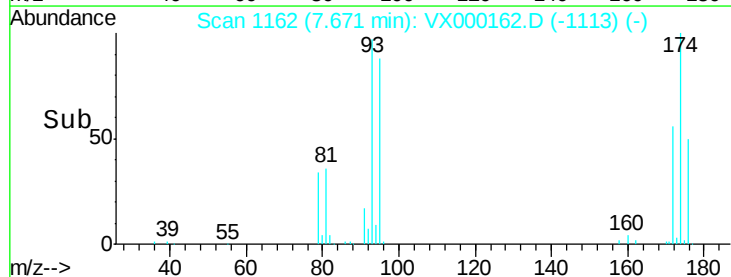
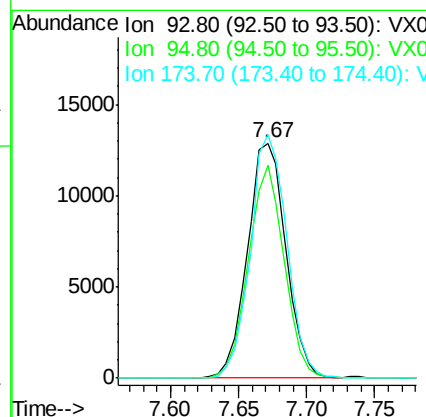
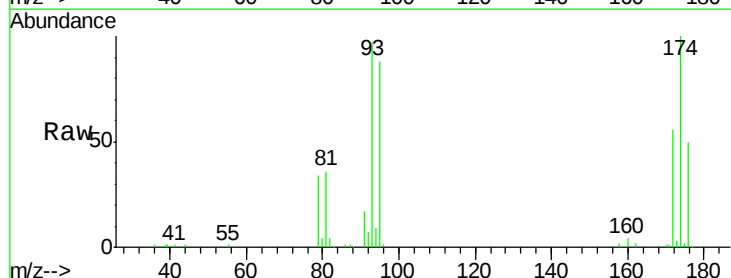
Manual Integrations
 APPROVED

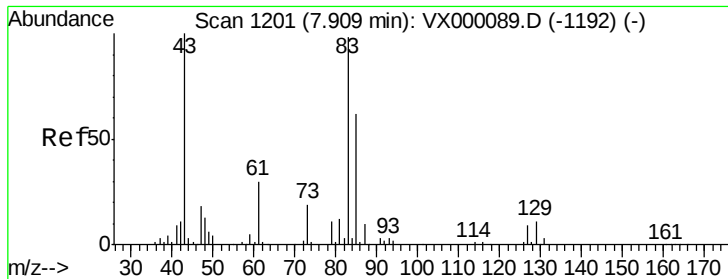
apatel
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#46
 Dibromomethane
 Concen: 21.29 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.0	97.6
174	98.6	83.1	124.7





#47

Bromodichloromethane

Concen: 21.82 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

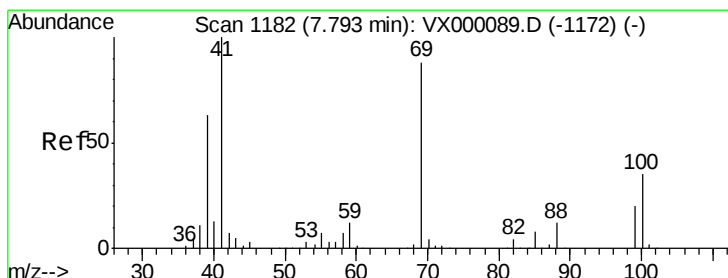
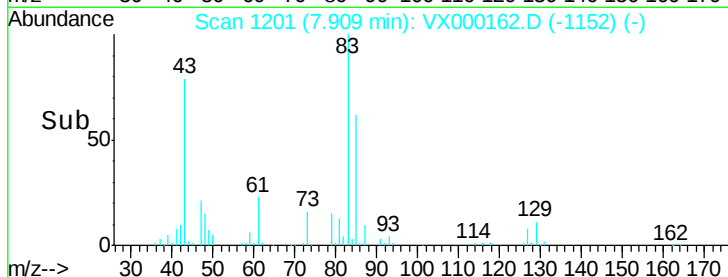
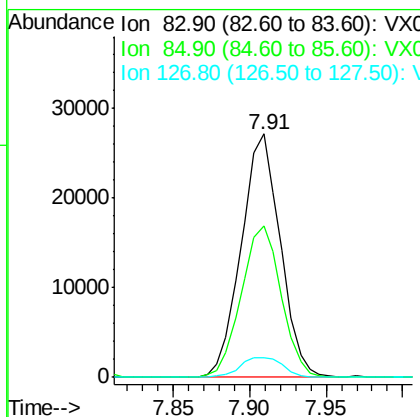
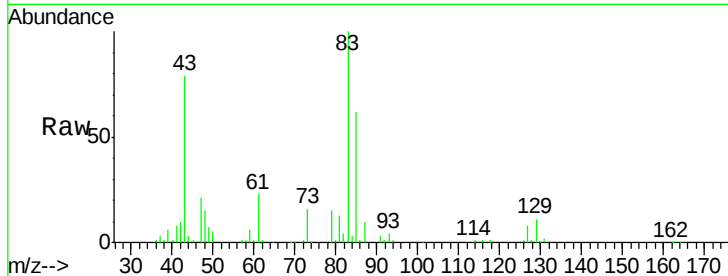
ClientSampleId :

VX0228WBS01

Tot Ion:	83	Resp:	48302
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.4	75.6
127	8.1	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.08 ug/l

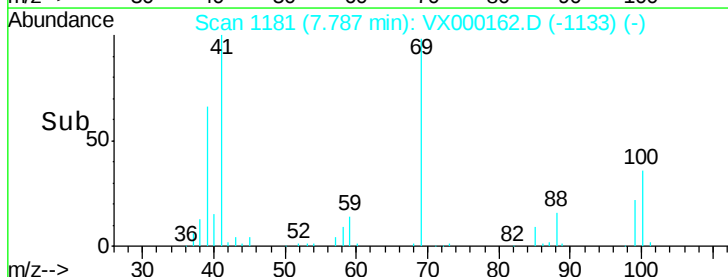
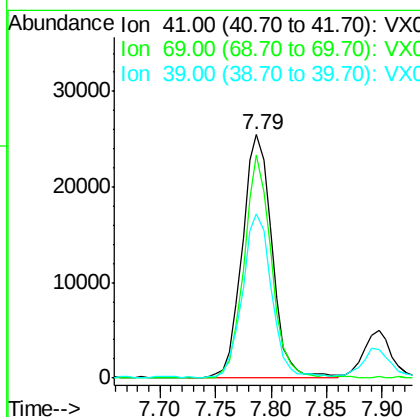
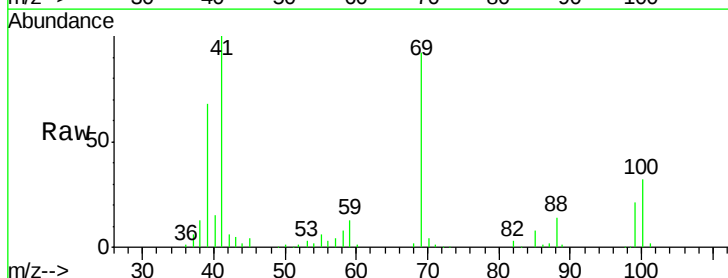
RT: 7.79 min Scan# 1181

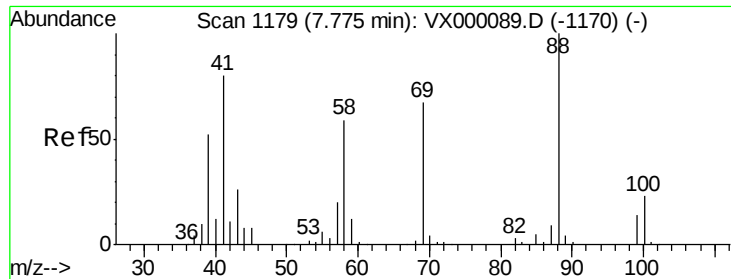
Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	41	Resp:	47027
Ion	Ratio	Lower	Upper
41	100		
69	85.2	70.2	105.4
39	65.9	51.0	76.6





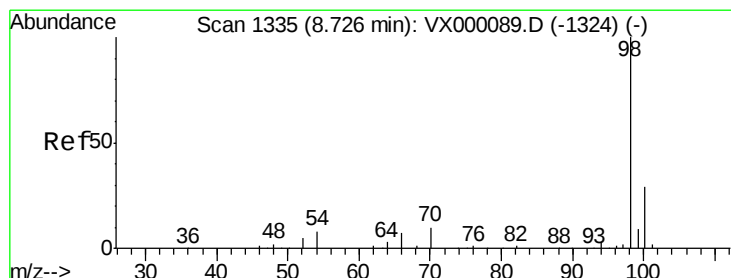
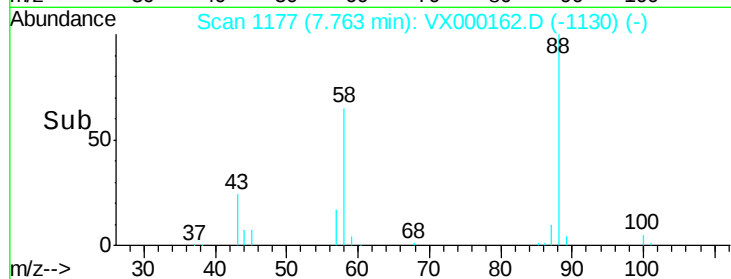
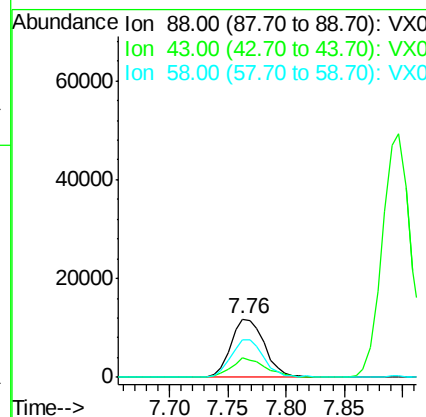
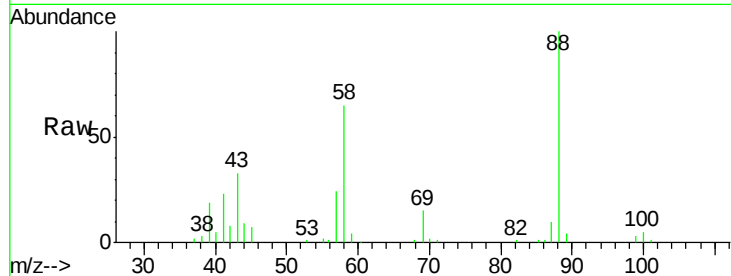
#49
 1,4-Dioxane
 Concen: 425.08 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.1	36.1
58	63.2	49.0	73.6

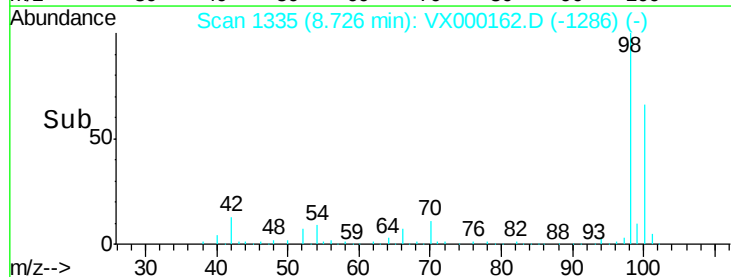
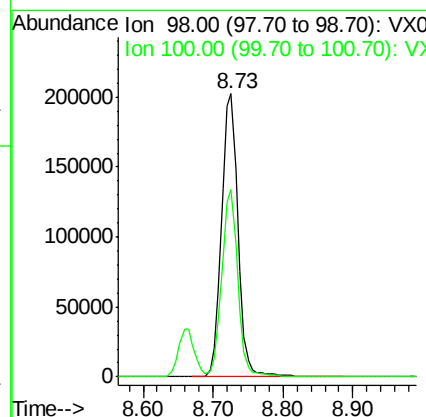
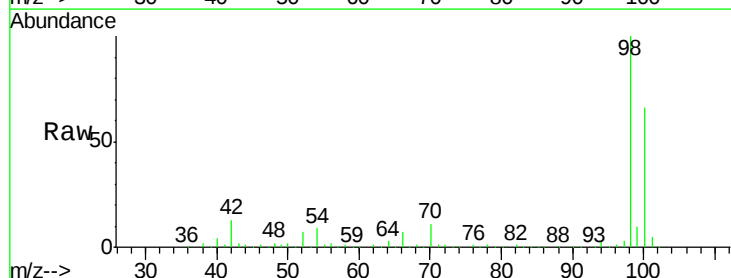
Manual Integrations
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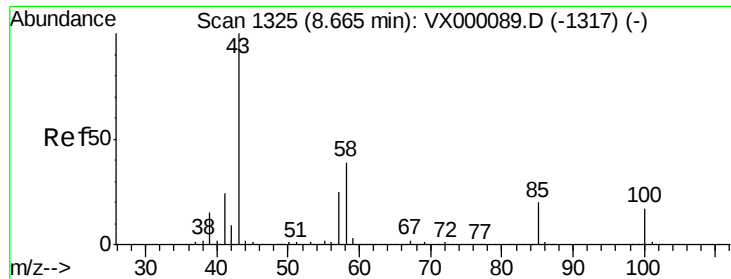
apatel
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#50
 Toluene-d8
 Concen: 54.54 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





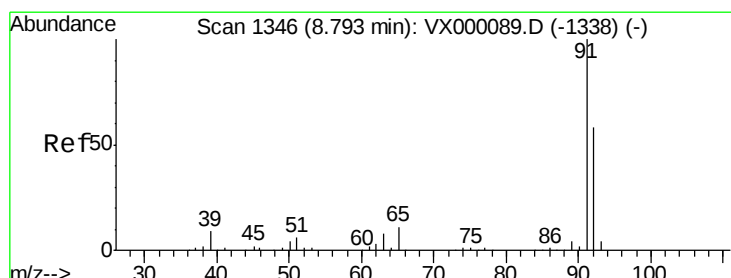
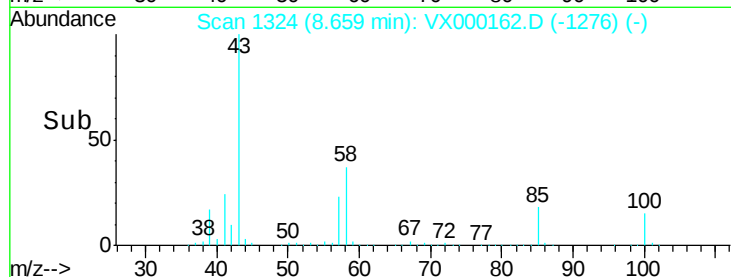
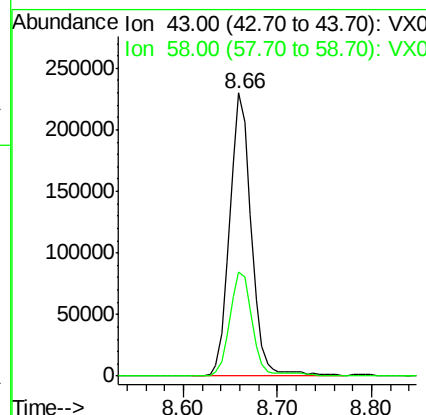
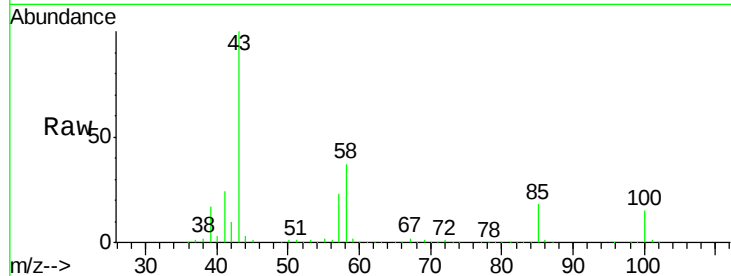
#51
4-Methyl-2-Pentanone
Concen: 116.11 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion: 43 Resp: 368845
Ion Ratio Lower Upper
43 100
58 37.3 31.6 47.4

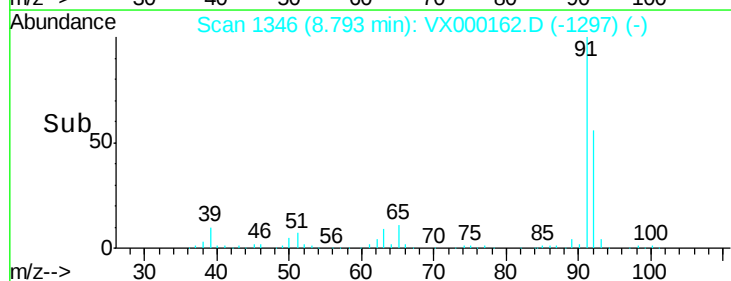
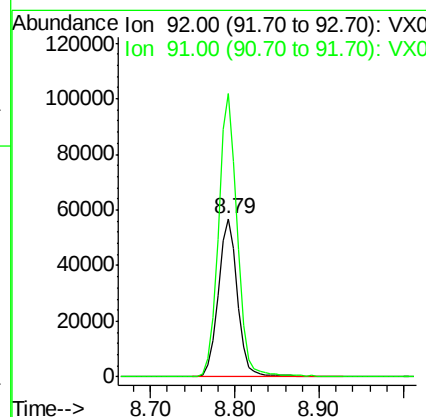
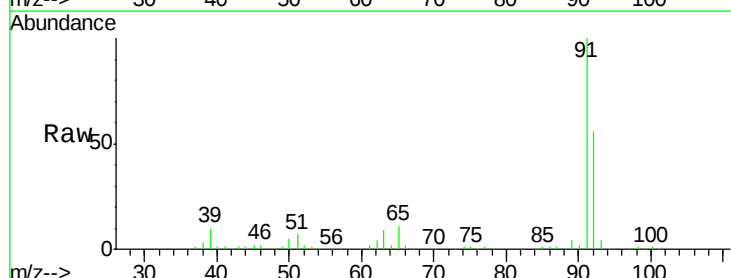
Manual Integrations
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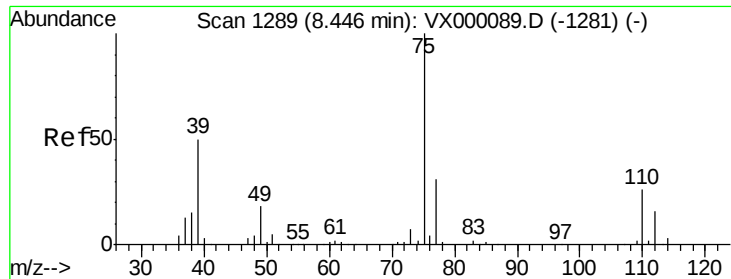
apatel
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#52
Toluene
Concen: 21.50 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 92 Resp: 90026
Ion Ratio Lower Upper
92 100
91 175.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 21.52 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 75 Resp: 56010

Ion Ratio Lower Upper

75 100

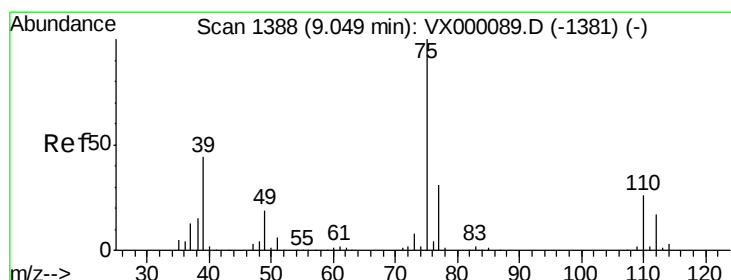
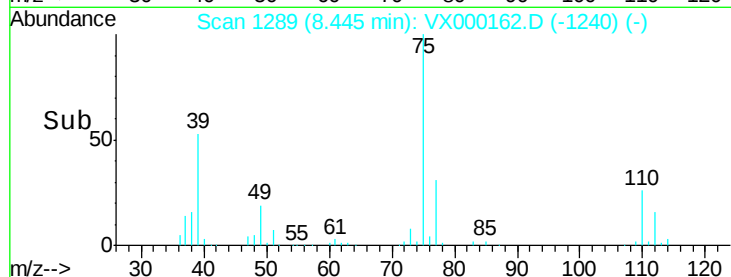
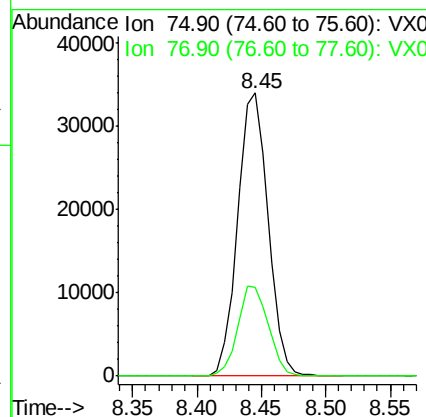
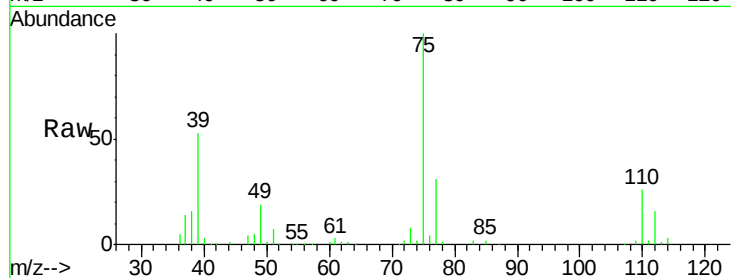
77 31.5 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

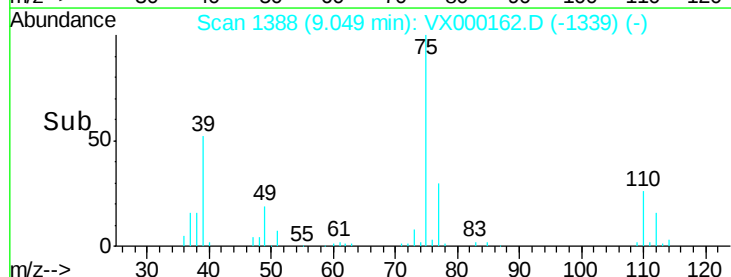
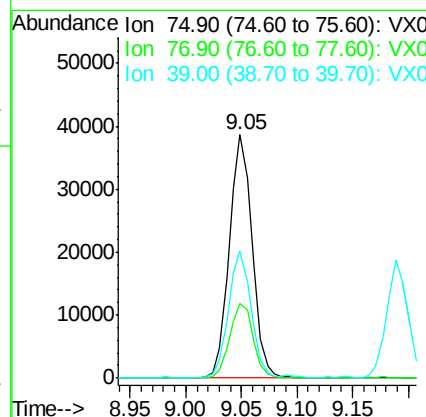
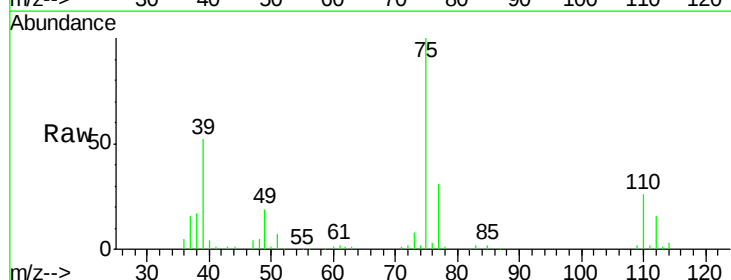
Tgt Ion: 75 Resp: 54967

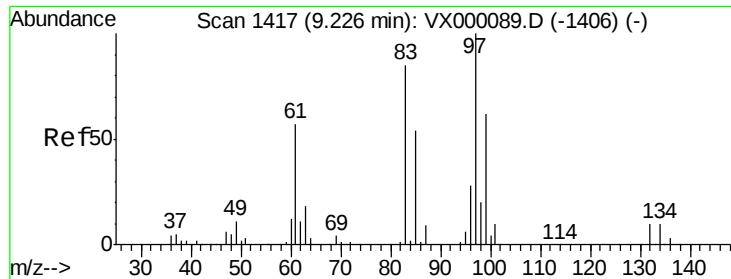
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6

39 51.9 35.4 53.0





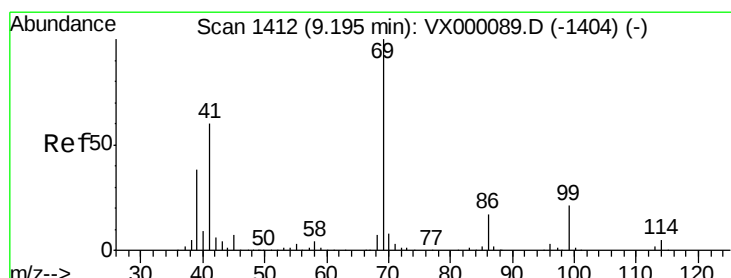
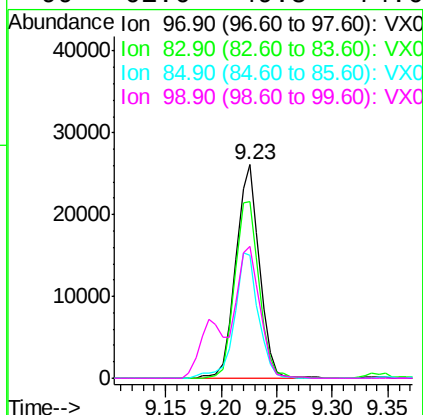
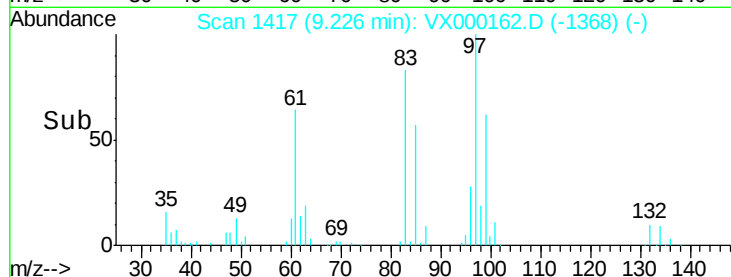
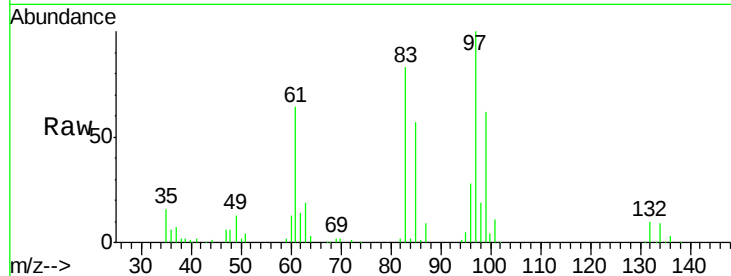
#55
 1,1,2-Trichloroethane
 Concen: 22.05 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion:	97	Resp:	38184
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.6	101.4
85	57.3	42.9	64.3
99	61.6	49.8	74.6

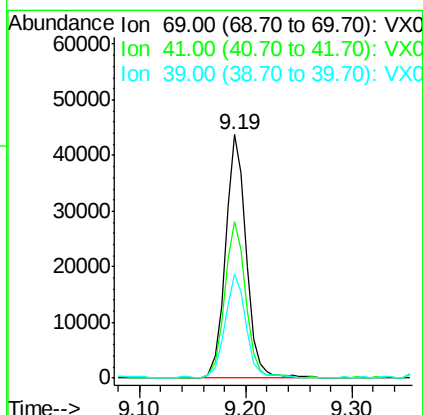
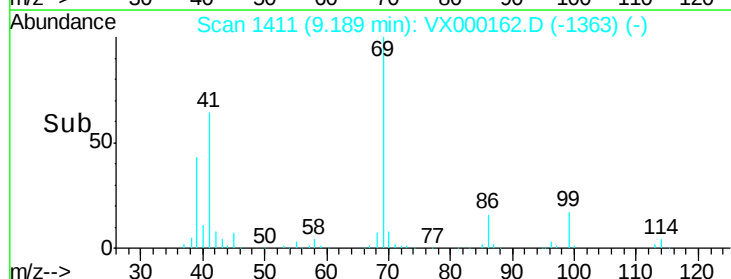
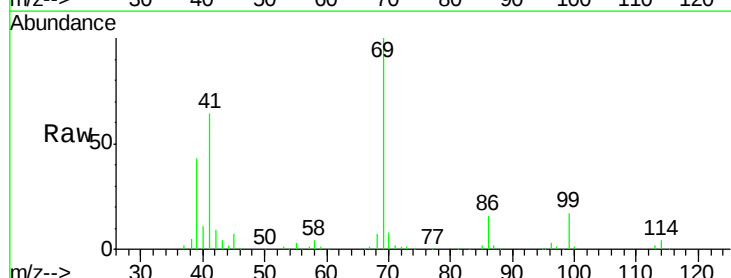
Manual Integrations
 APPROVED

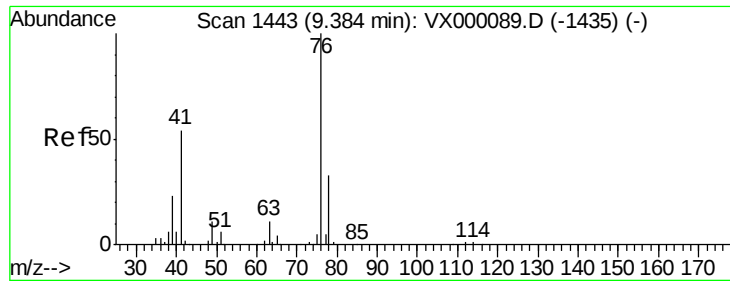
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#56
 Ethyl methacrylate
 Concen: 22.43 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion:	69	Resp:	59589
Ion	Ratio	Lower	Upper
69	100		
41	66.0	49.4	74.0
39	42.6	31.3	46.9





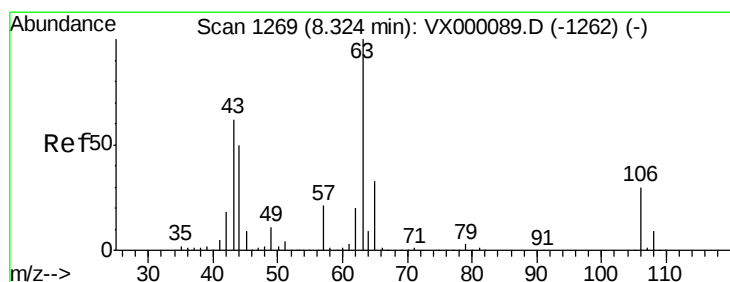
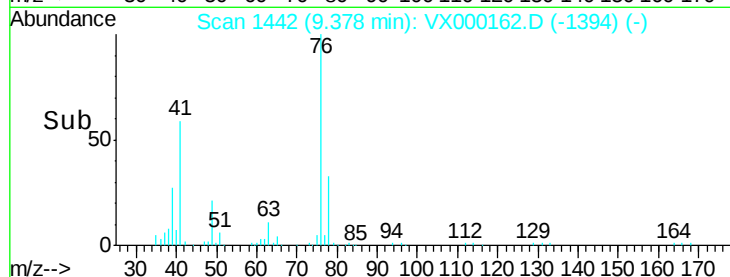
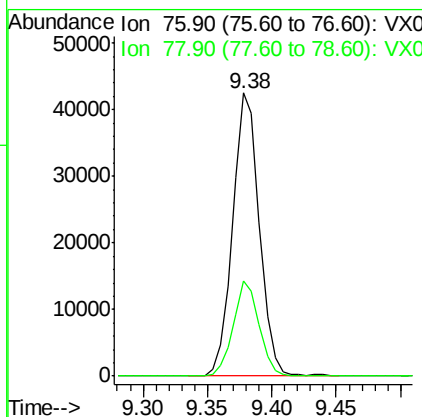
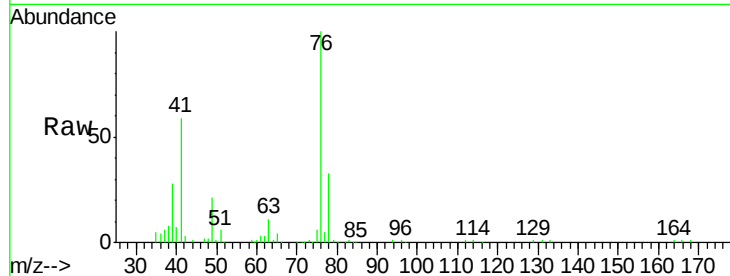
#57
 1,3-Dichloropropane
 Concen: 22.35 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion: 76 Resp: 61464
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

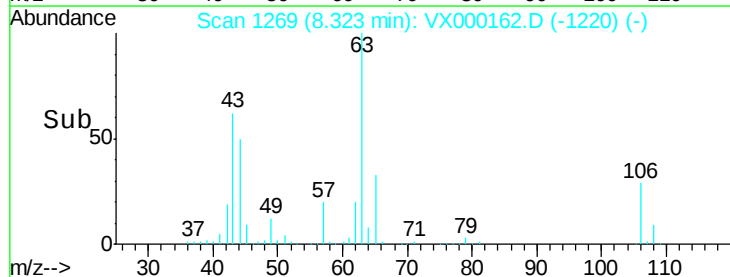
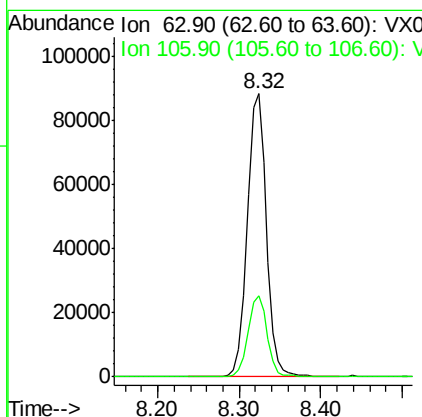
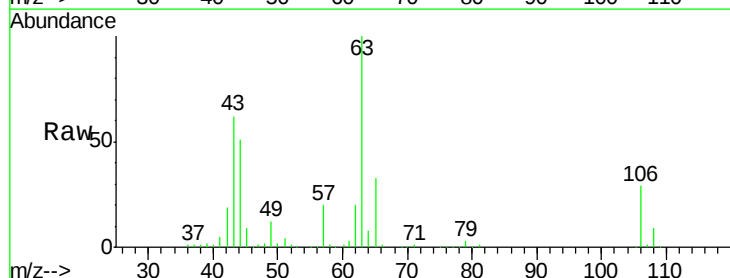
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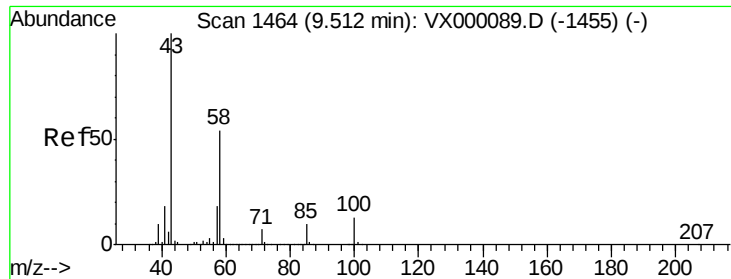
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 63 Resp: 144669
 Ion Ratio Lower Upper
 63 100
 106 28.5 24.6 37.0





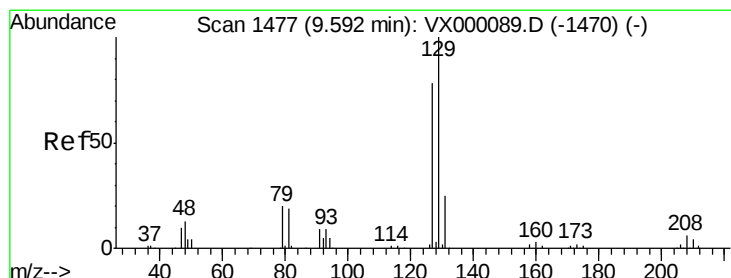
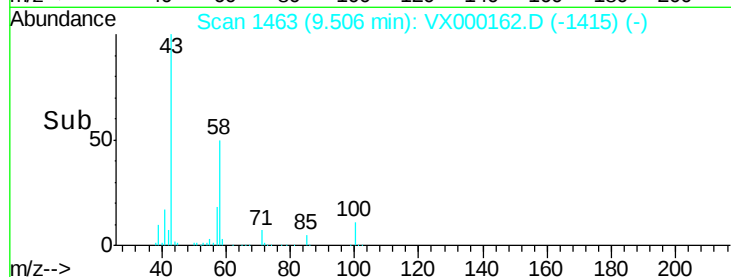
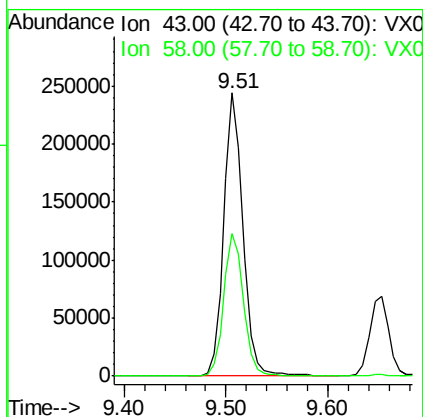
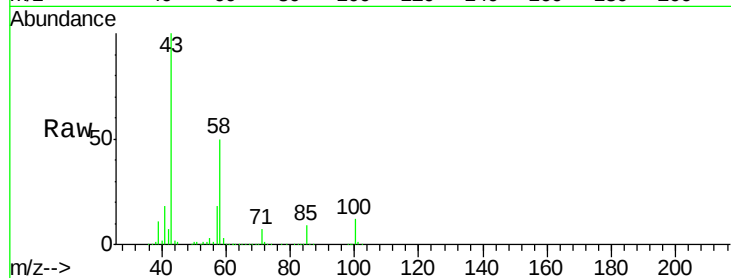
#59
2-Hexanone
Concen: 118.82 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion: 43 Resp: 319563
Ion Ratio Lower Upper
43 100
58 51.9 27.1 81.3

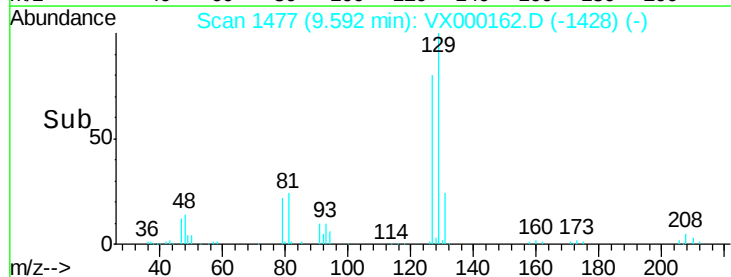
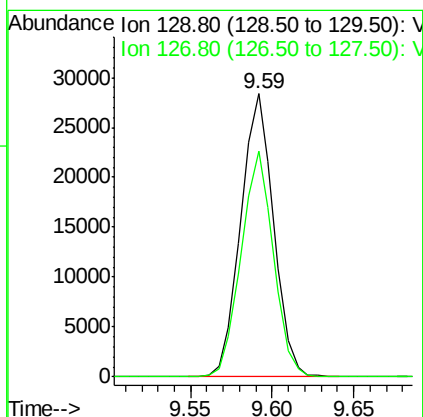
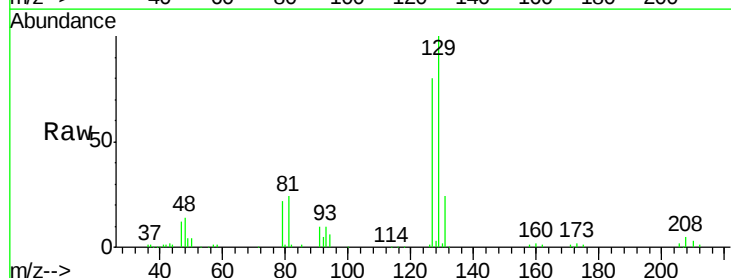
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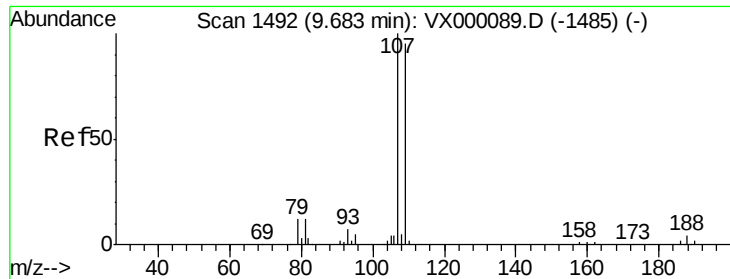
apatel
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#60
Dibromochloromethane
Concen: 20.30 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 129 Resp: 39816
Ion Ratio Lower Upper
129 100
127 78.5 37.6 112.9





#61

1,2-Dibromoethane

Concen: 21.76 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion:107 Resp: 41816

Ion Ratio Lower Upper

107 100

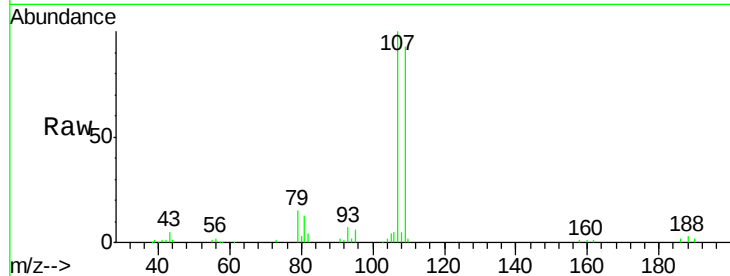
109 94.7 76.4 114.6

Manual Integrations

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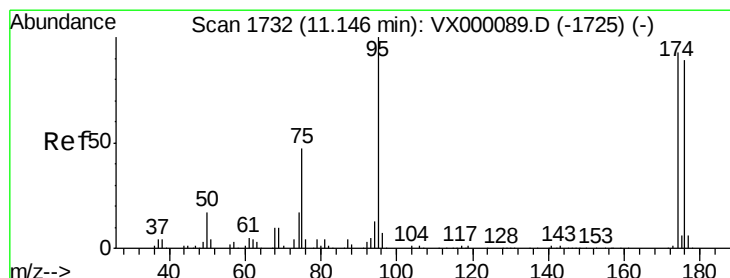
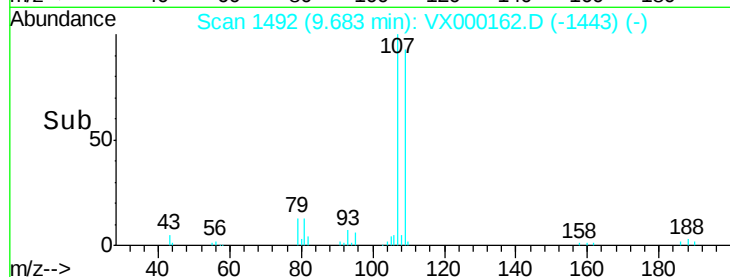
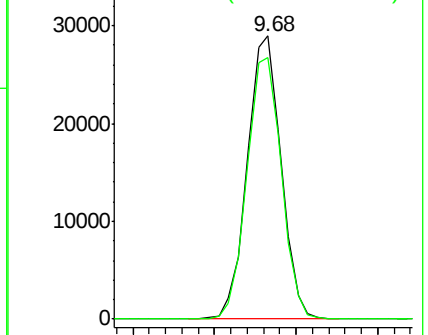
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

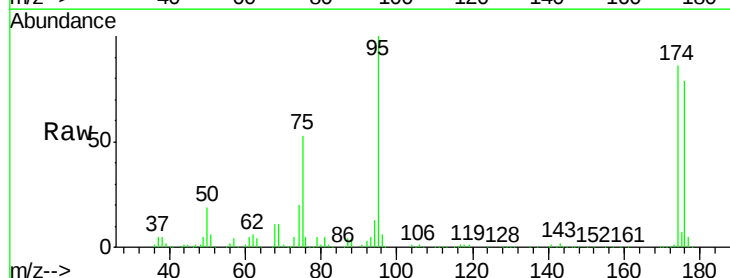
Tgt Ion: 95 Resp: 133037

Ion Ratio Lower Upper

95 100

174 85.0 0.0 187.8

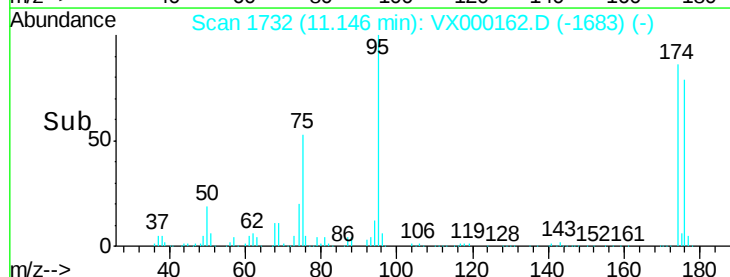
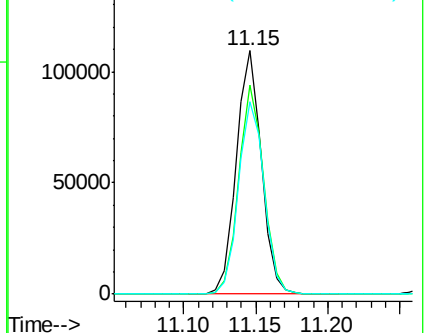
176 80.9 0.0 181.2

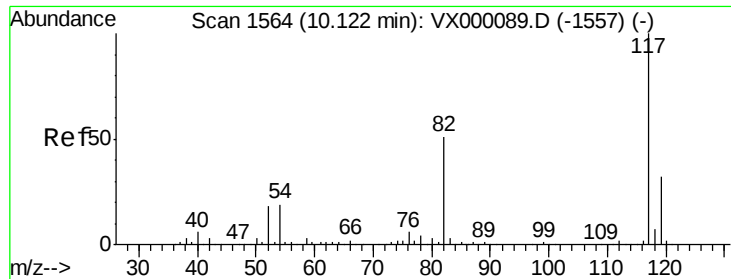


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





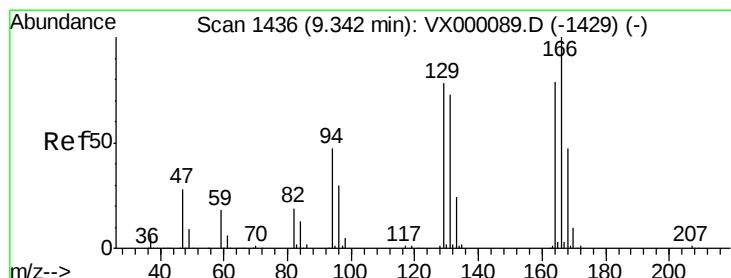
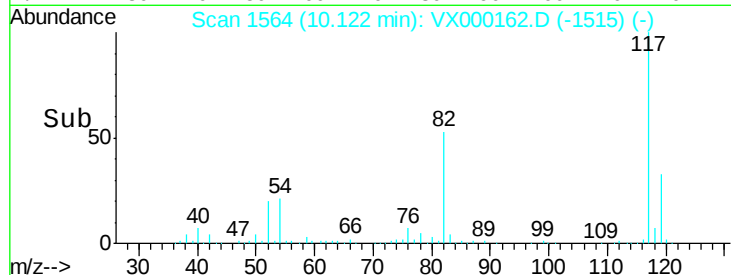
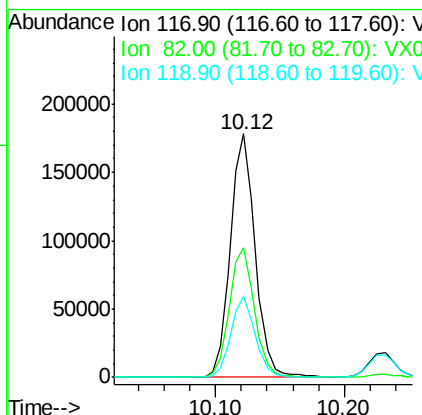
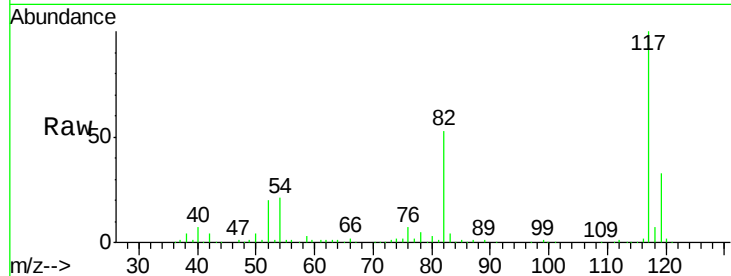
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.0	61.6
119	33.1	25.5	38.3

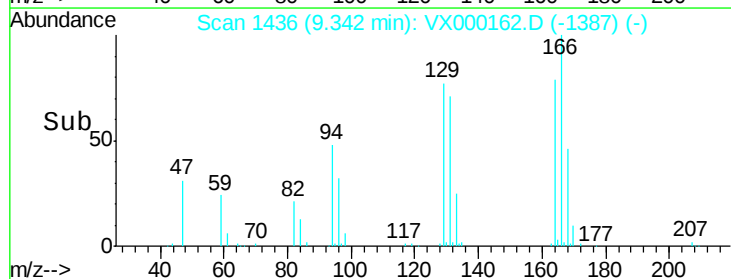
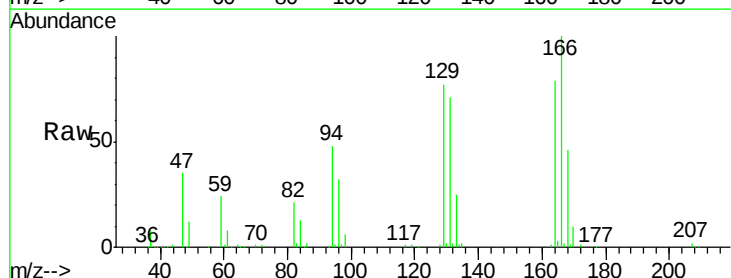
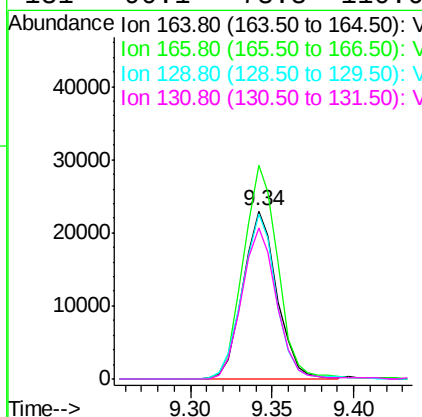
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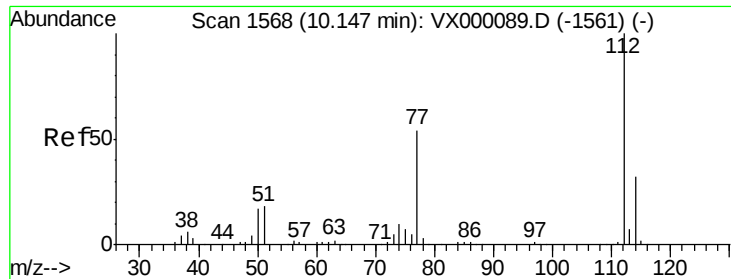
apatel
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#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.4	152.2
129	98.2	78.6	118.0
131	90.1	73.8	110.6





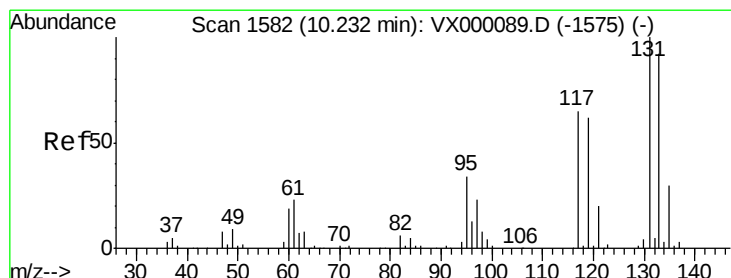
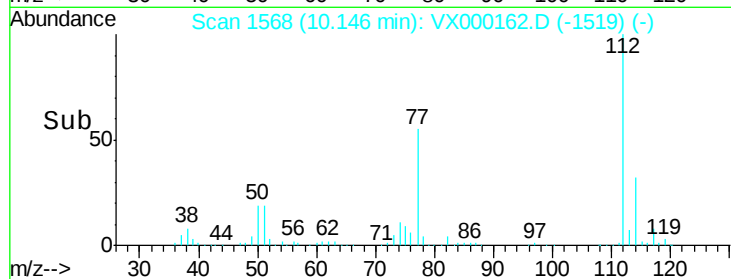
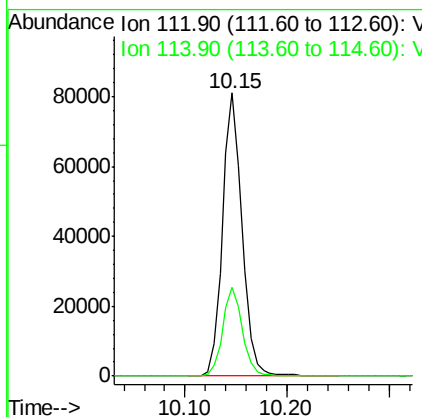
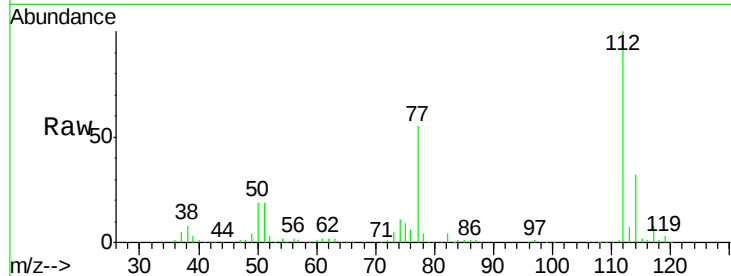
#65
Chlorobenzene
Concen: 21.28 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion:112 Resp: 108108
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

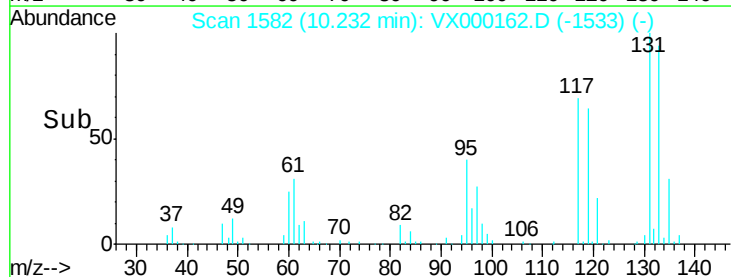
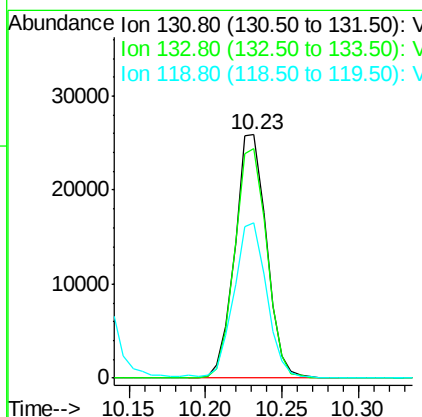
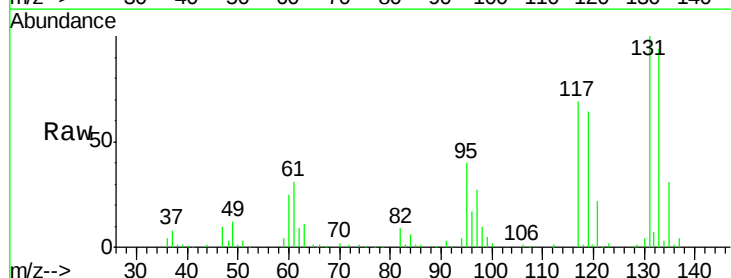
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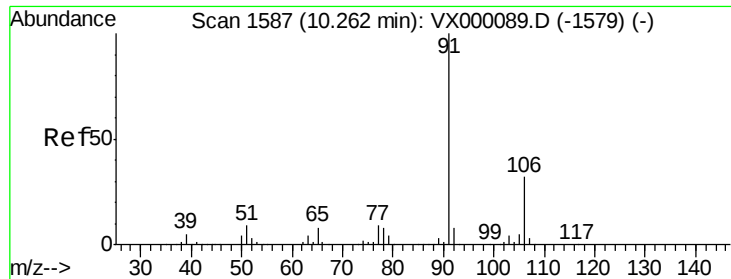
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.01 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:131 Resp: 37343
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 65.9 31.7 95.1





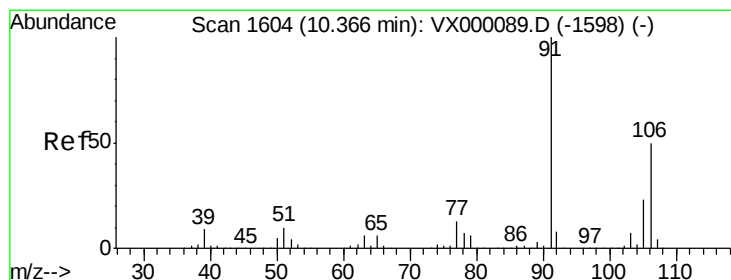
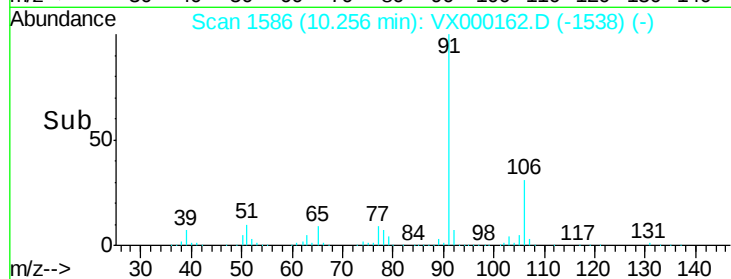
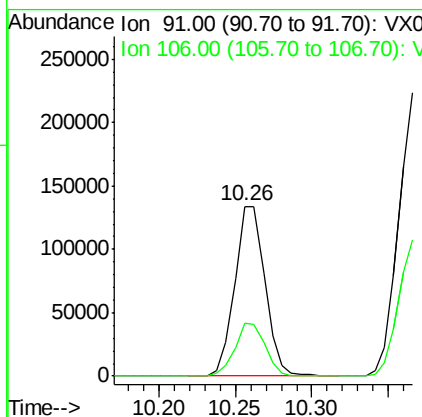
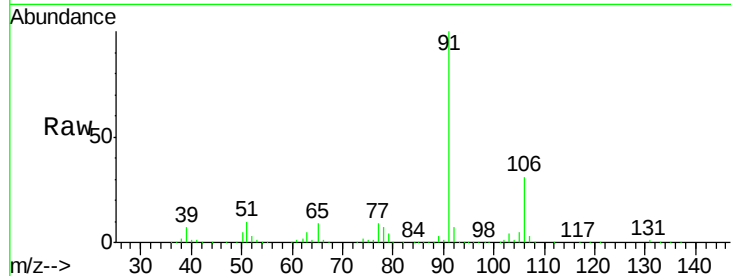
#67
Ethyl Benzene
Concen: 21.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion: 91 Resp: 184429
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6

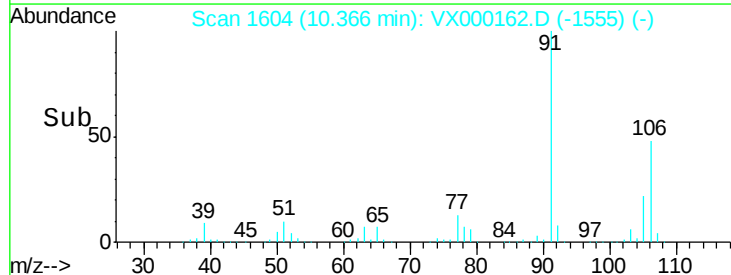
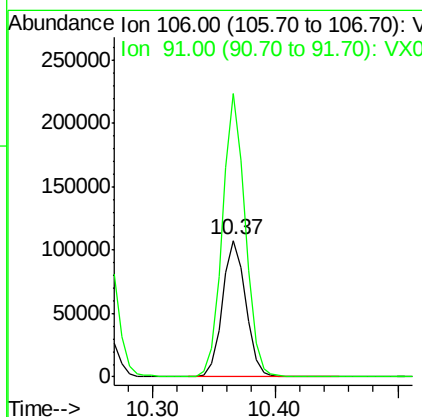
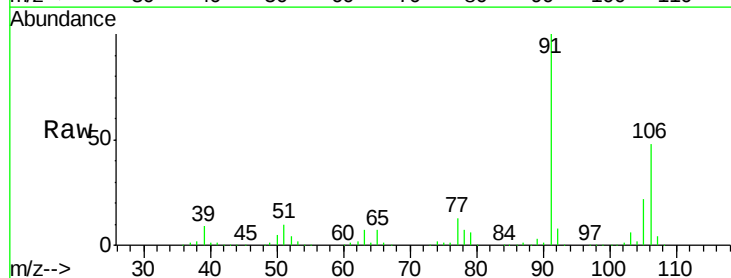
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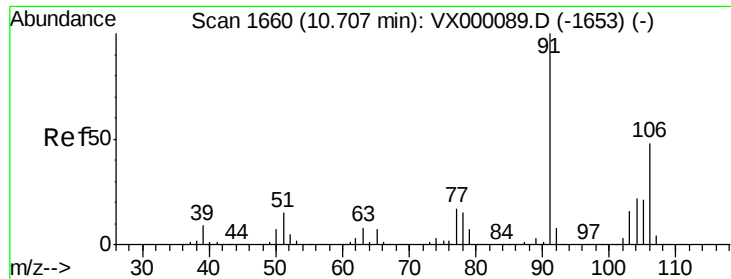
apatel
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#68
m/p-Xylenes
Concen: 41.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 106 Resp: 141672
Ion Ratio Lower Upper
106 100
91 204.1 159.1 238.7





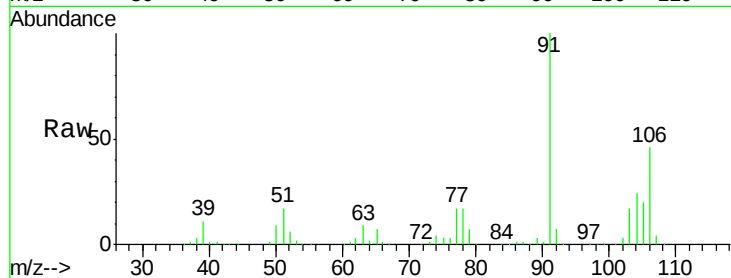
#69
o-Xylene
Concen: 21.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

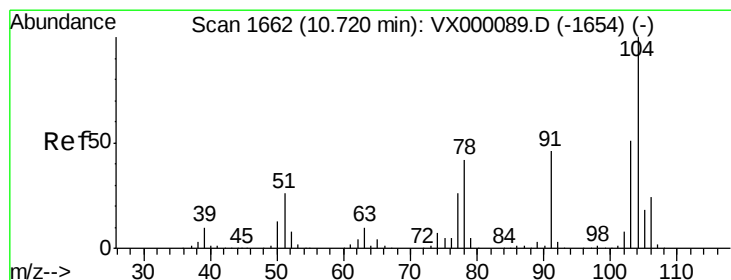
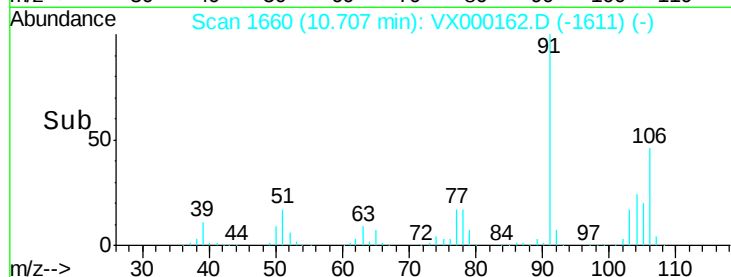
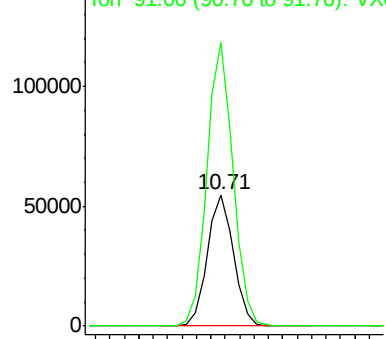
Tot Ion:106 Resp: 69477
Ion Ratio Lower Upper
106 100
91 215.6 103.8 311.6

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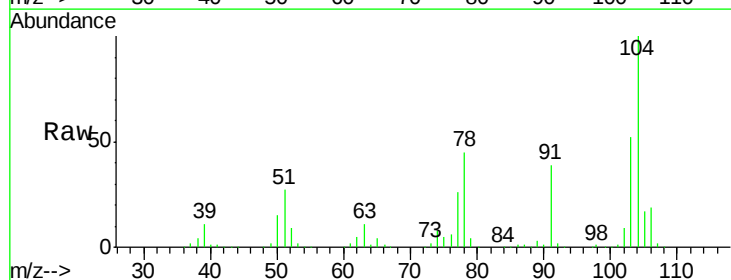


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

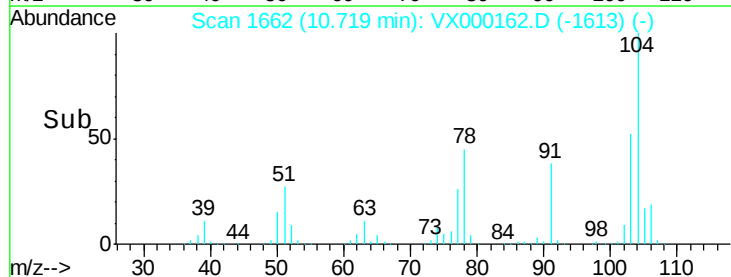
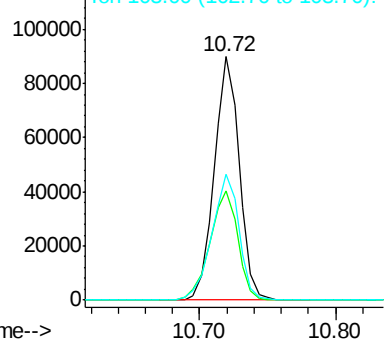


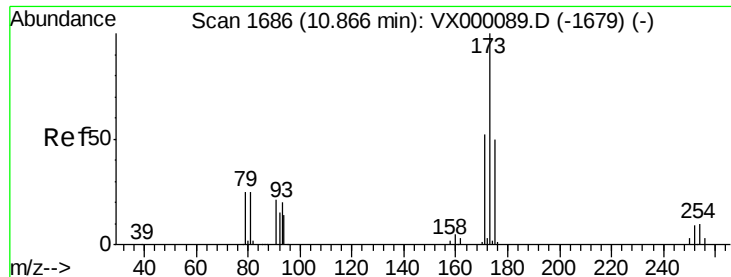
#70
Styrene
Concen: 21.63 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:104 Resp: 115215
Ion Ratio Lower Upper
104 100
78 50.1 38.2 57.4
103 55.9 44.2 66.4



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: 19.26 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

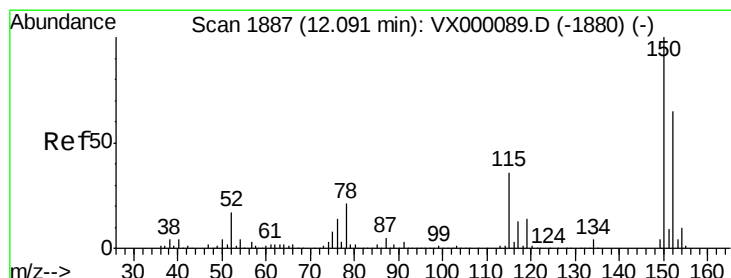
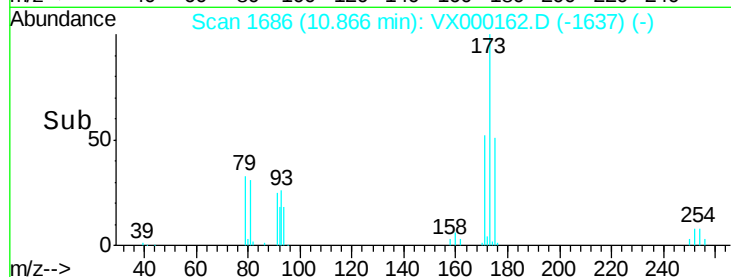
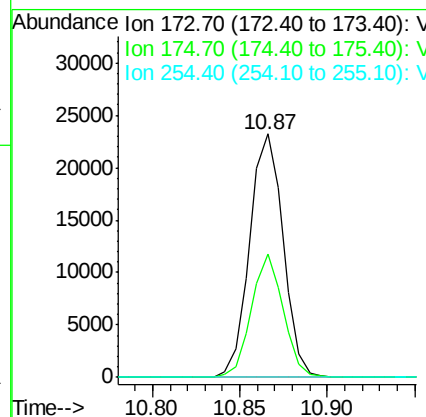
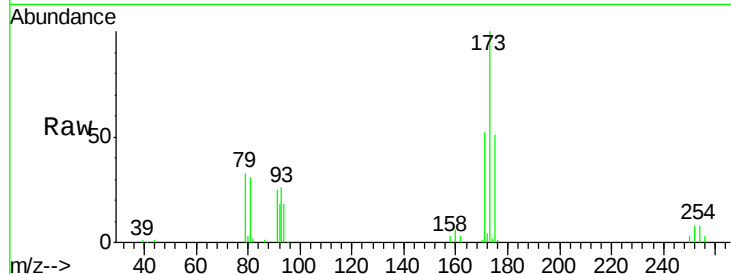
ClientSampleId :

VX0228WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	73.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

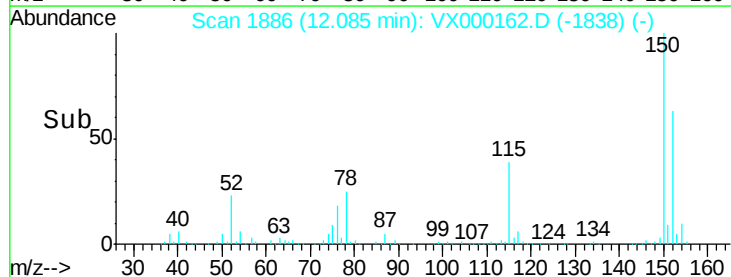
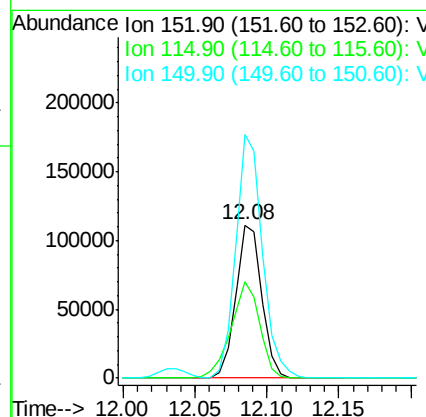
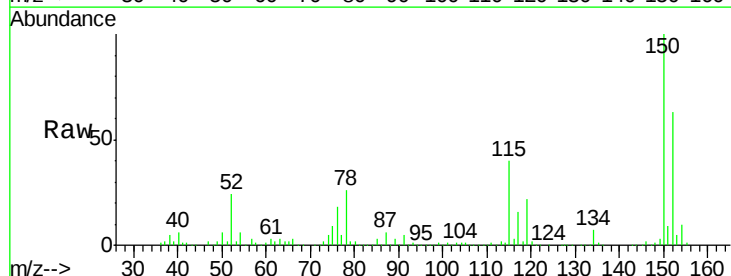
RT: 12.08 min Scan# 1886

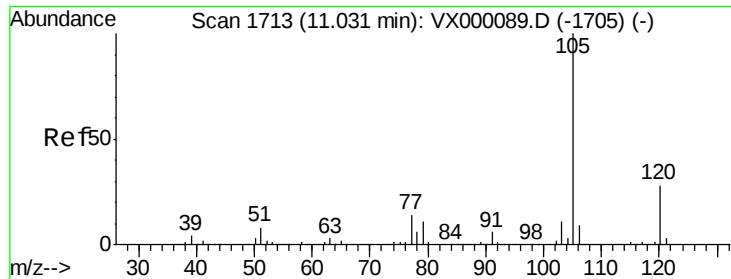
Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	39.1	117.2
150	164.3	0.0	348.2





#73

Isopropylbenzene

Concen: 21.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 105 Resp: 194289

Ion Ratio Lower Upper

105 100

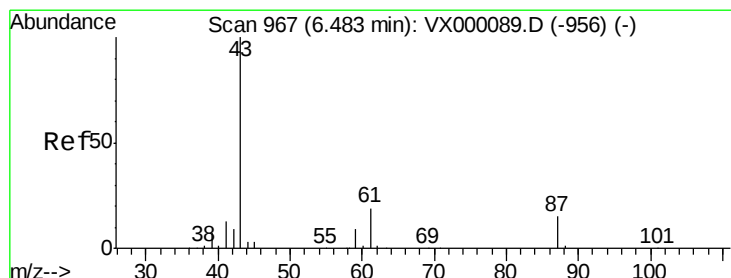
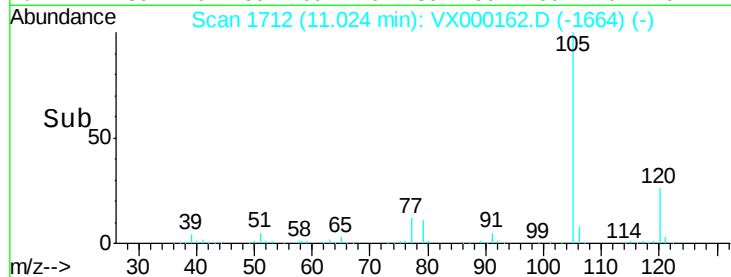
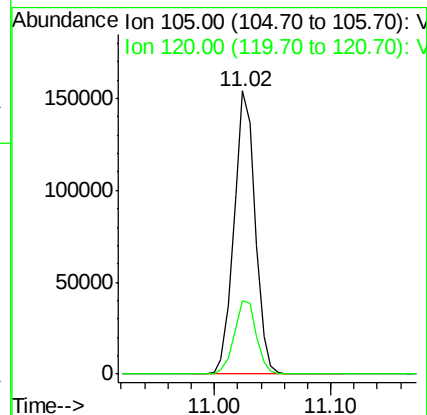
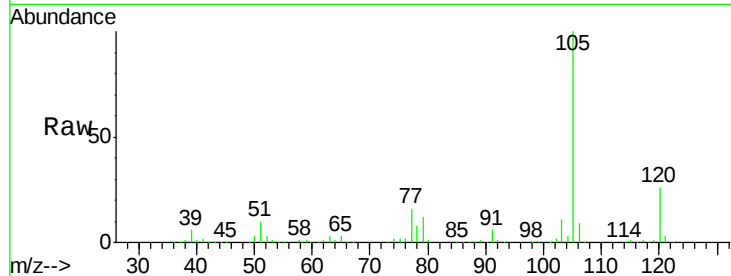
120 27.1 14.0 42.0

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#74

N-ethyl acetate

Concen: 21.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion: 43 Resp: 96978

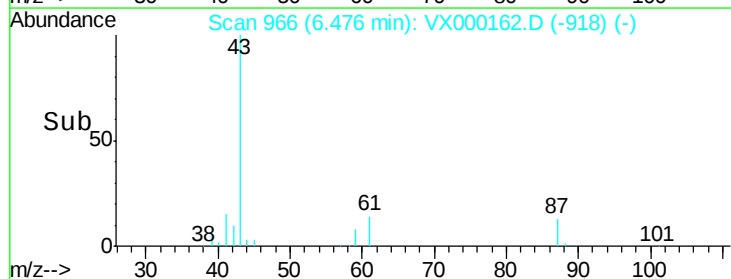
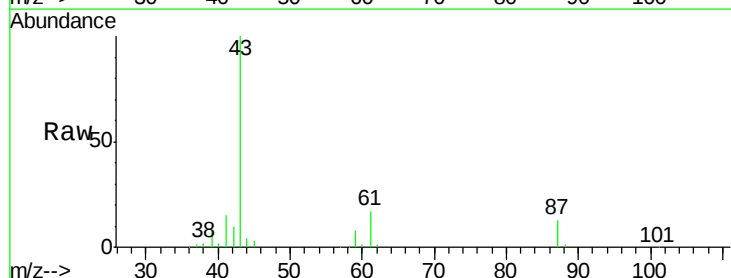
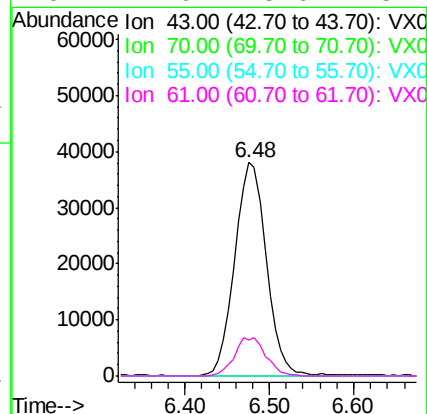
Ion Ratio Lower Upper

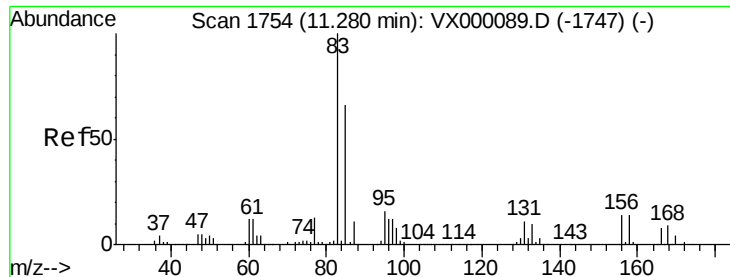
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 17.9 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

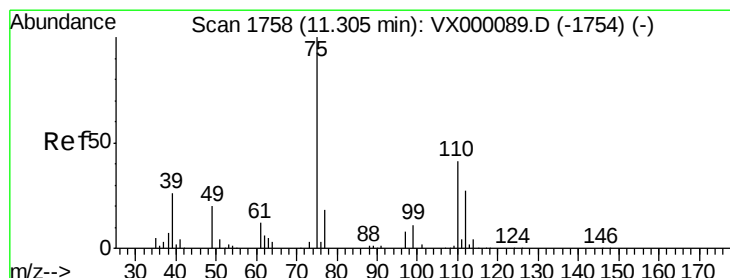
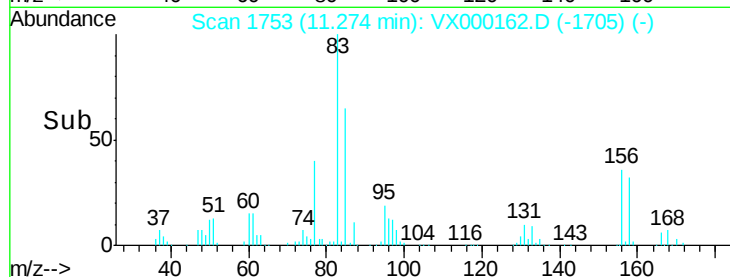
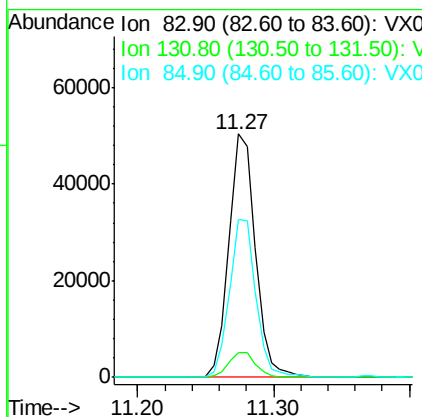
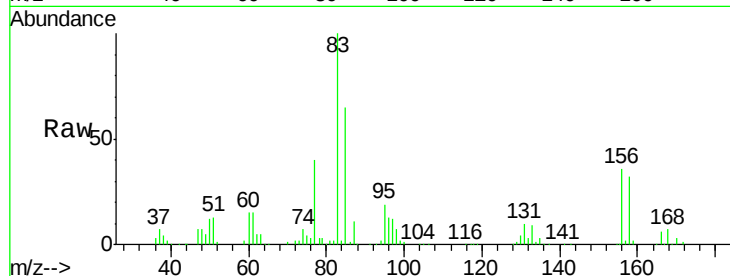
ClientSampled :

VX0228WBS01

Tot Ion:	83	Resp:	68403
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.6	16.8
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.94 ug/l m

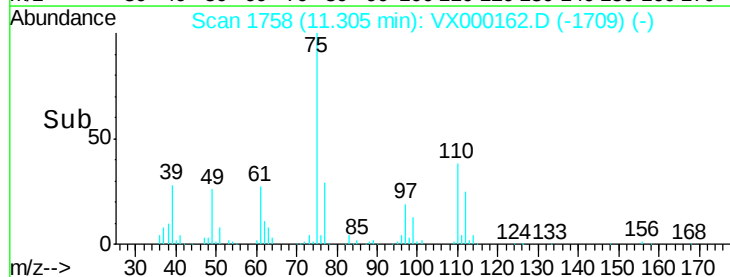
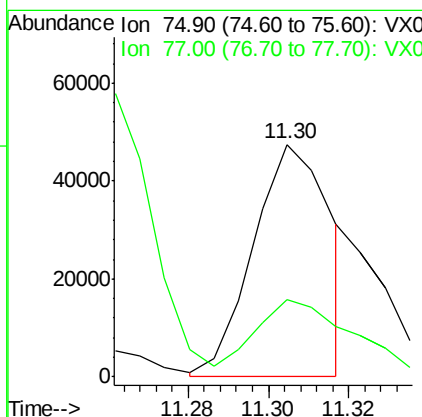
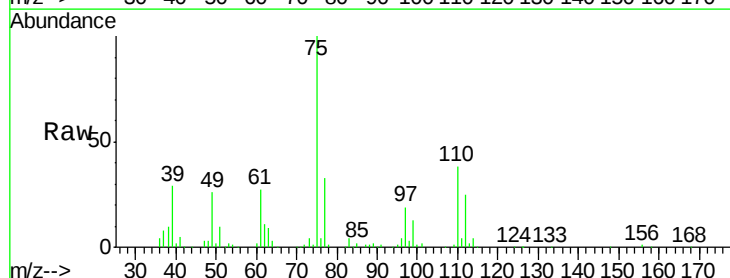
RT: 11.30 min Scan# 1758

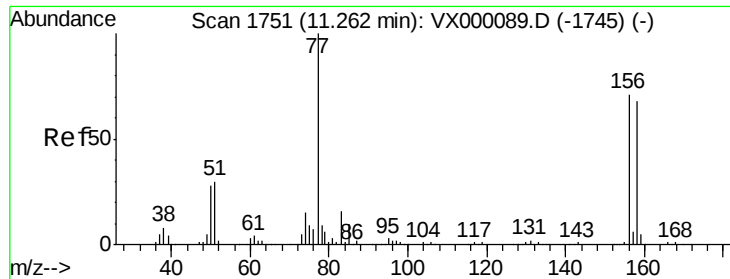
Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	75	Resp:	63751
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.8	68.3





#77

Bromobenzene

Concen: 19.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion:156 Resp: 47778

Ion Ratio Lower Upper

156 100

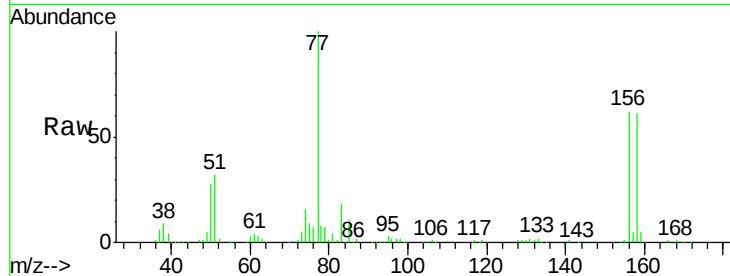
77 152.9 67.0 201.0

158 95.2 48.3 144.9

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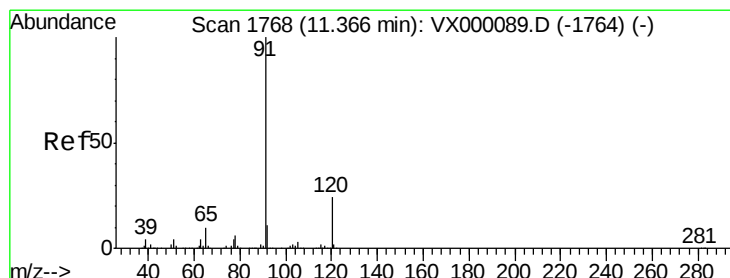
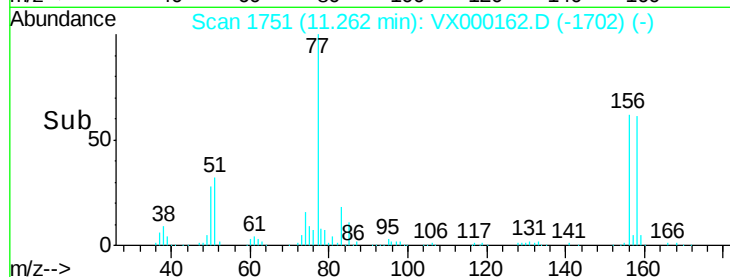
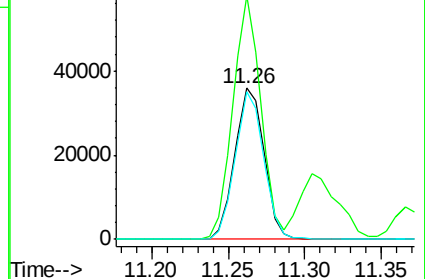
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000162.D

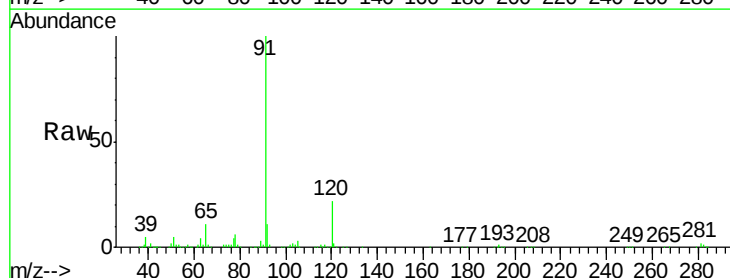
Acq: 28 Feb 2018 12:28

Tgt Ion: 91 Resp: 229461

Ion Ratio Lower Upper

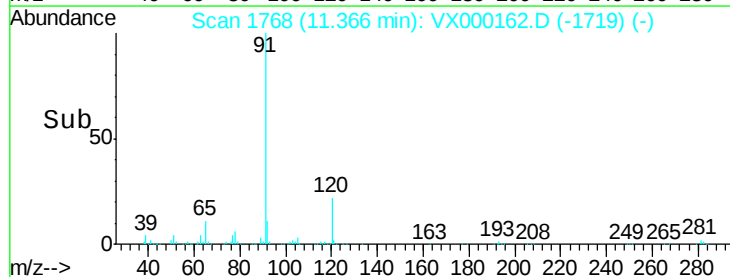
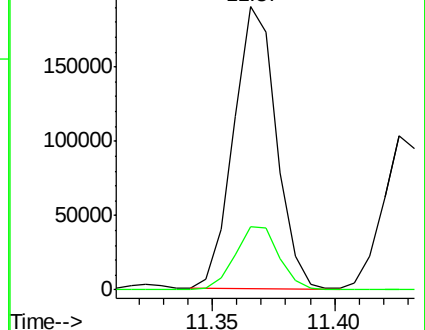
91 100

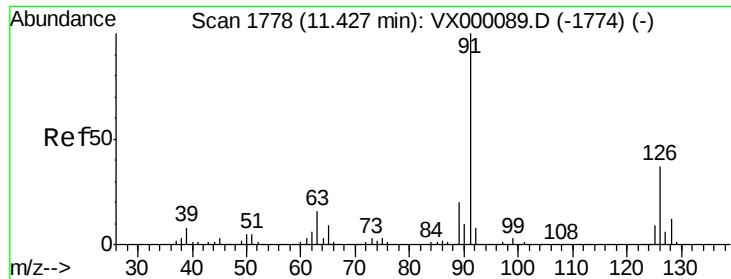
120 23.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





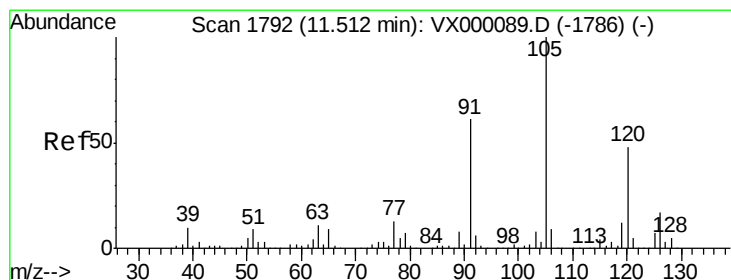
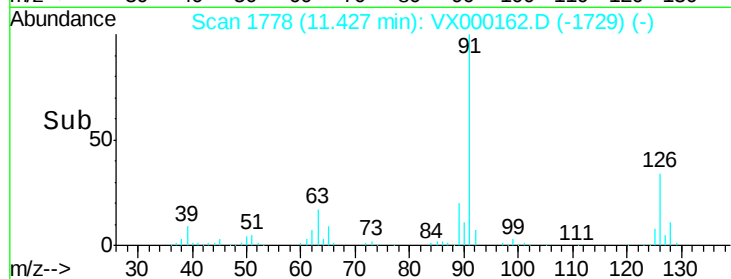
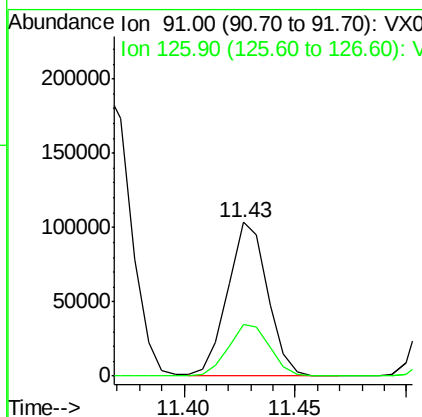
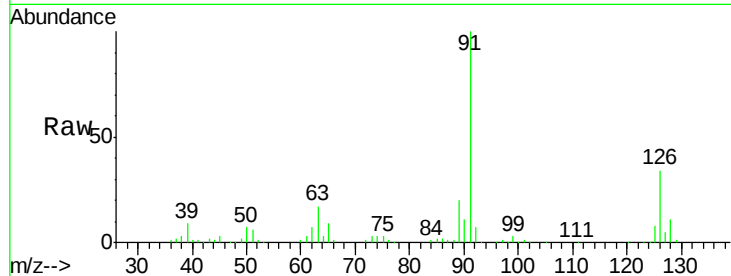
#79
 2-Chlorotoluene
 Concen: 21.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion: 91 Resp: 128732
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.4 55.2

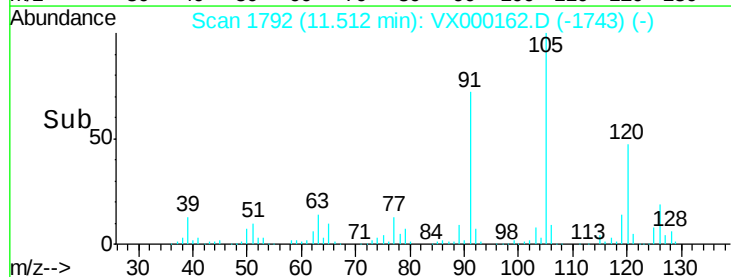
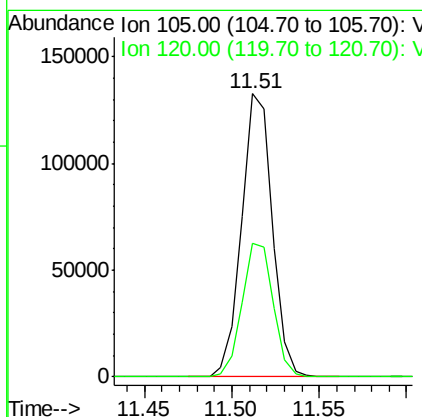
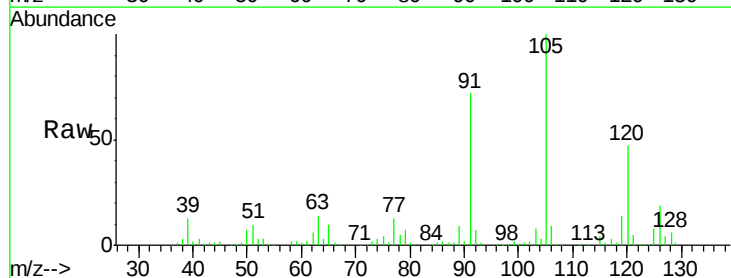
Manual Integrations
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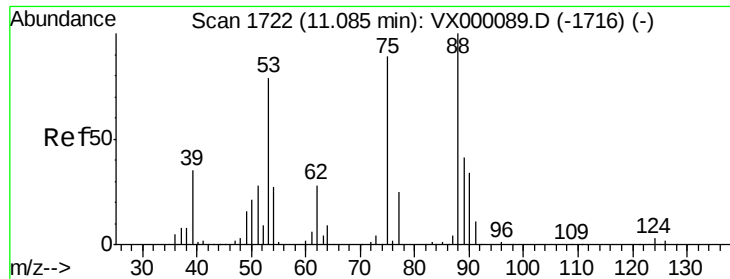
apatel
 3/1/2018 12:52:55 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.56 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 105 Resp: 161998
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.87 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 75 Resp: 20273

Ion Ratio Lower Upper

75 100

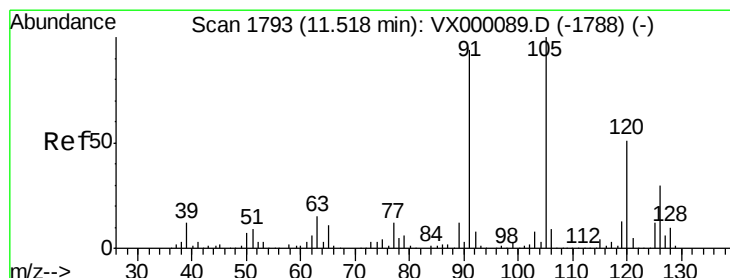
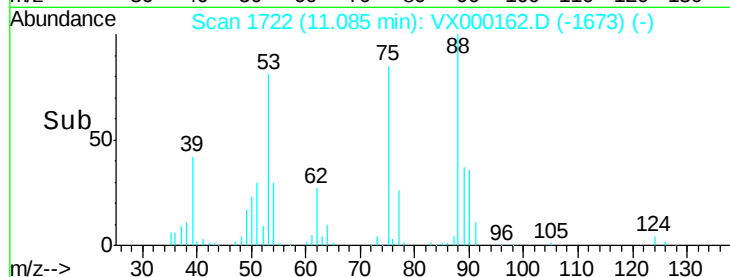
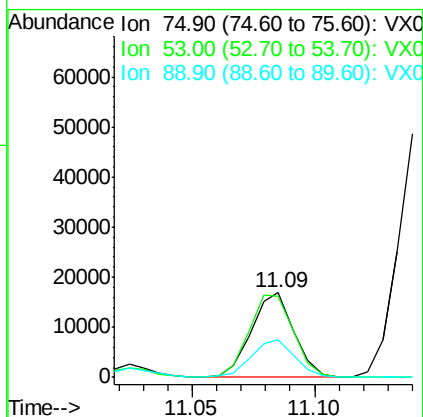
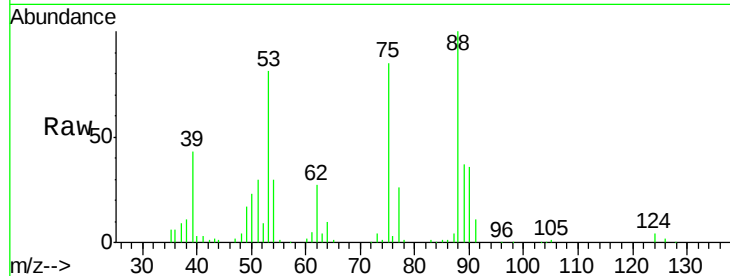
53 103.6 72.3 108.5

89 46.4 40.6 60.8

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#82

4-Chlorotoluene

Concen: 22.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000162.D

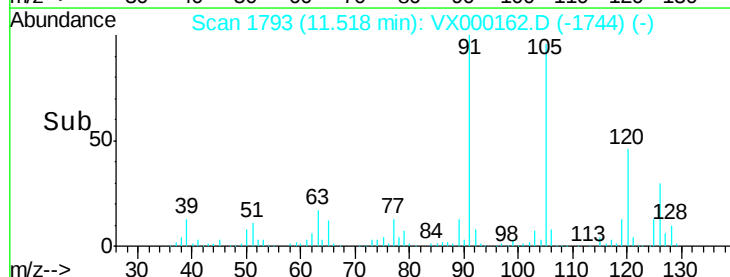
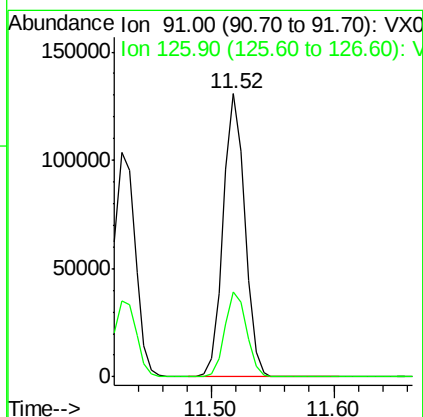
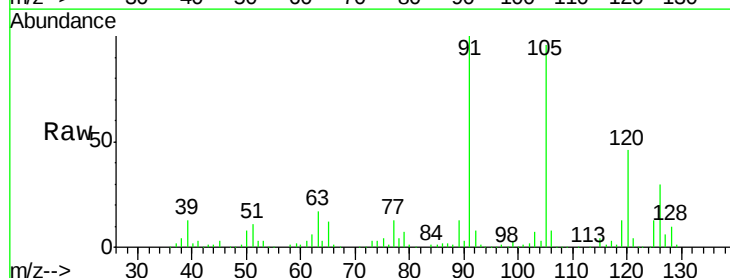
Acq: 28 Feb 2018 12:28

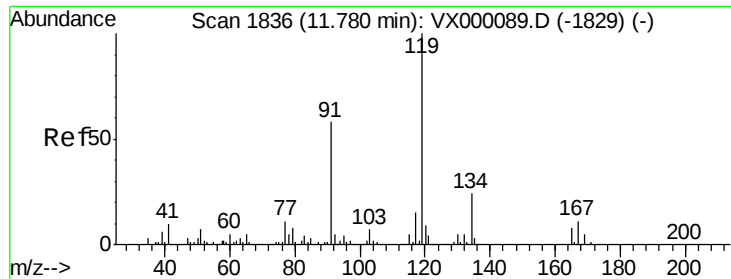
Tgt Ion: 91 Resp: 160746

Ion Ratio Lower Upper

91 100

126 30.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.64 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

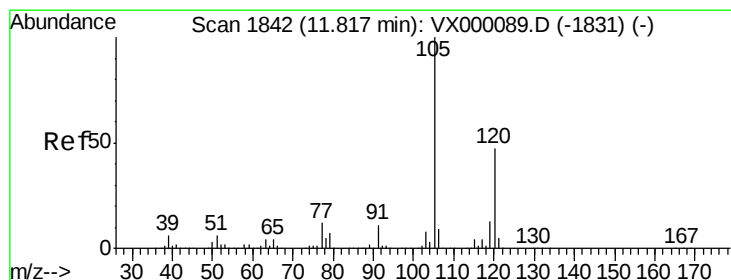
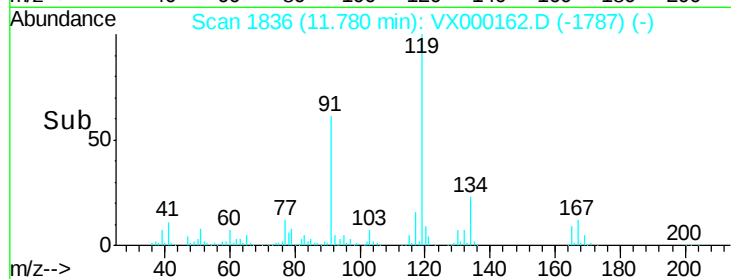
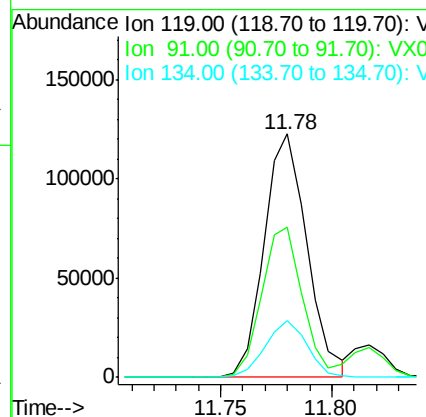
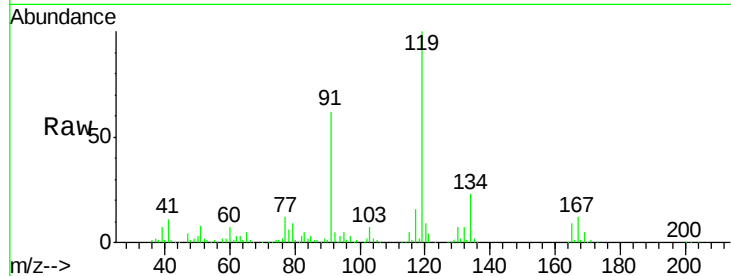
ClientSampled :

VX0228WBS01

Tot Ion:	119	Resp:	164195
Ion Ratio	Lower	Upper	
119	100		
91	58.6	28.4	85.2
134	22.7	11.8	35.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.68 ug/l

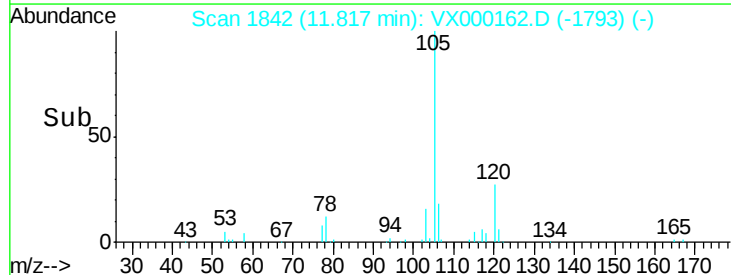
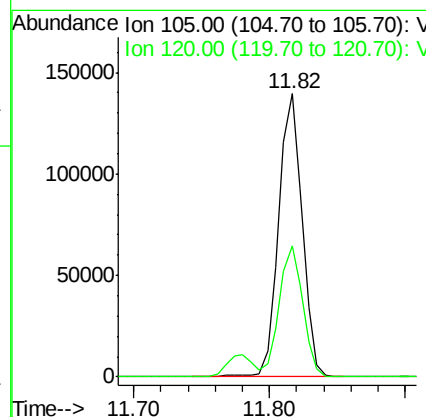
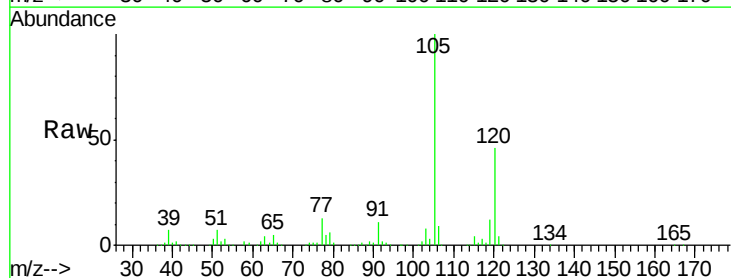
RT: 11.82 min Scan# 1842

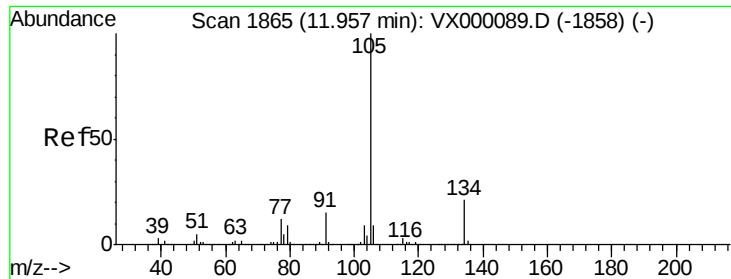
Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	105	Resp:	169191
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2





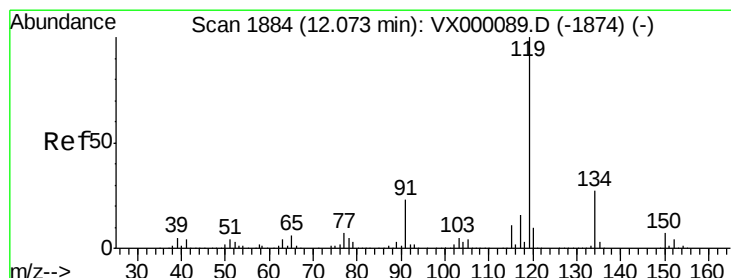
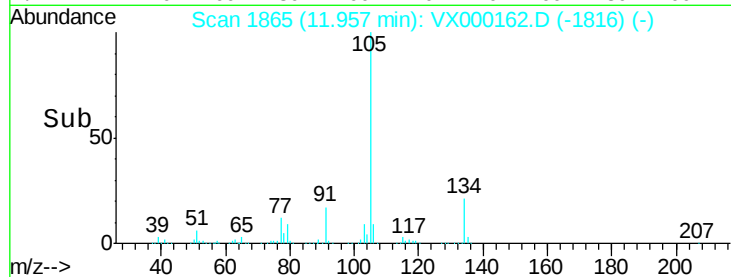
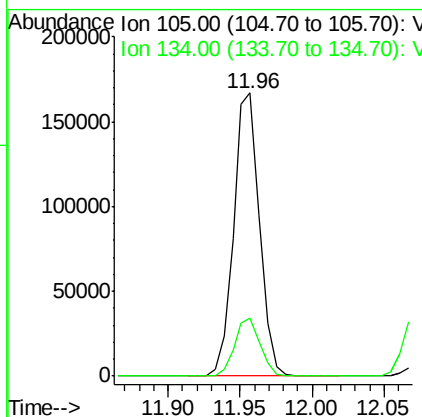
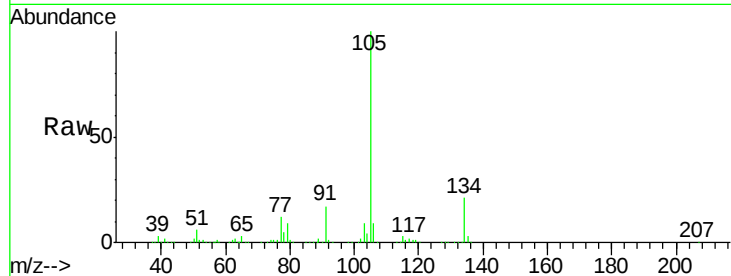
#85
 sec-Butylbenzene
 Concen: 22.12 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	208458		
134	20.3	10.5	31.6	

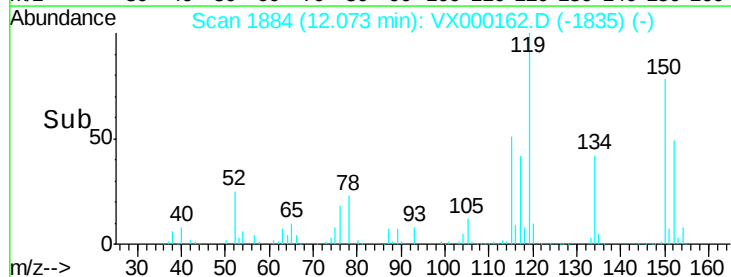
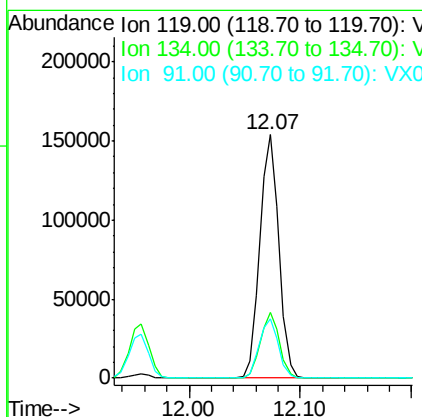
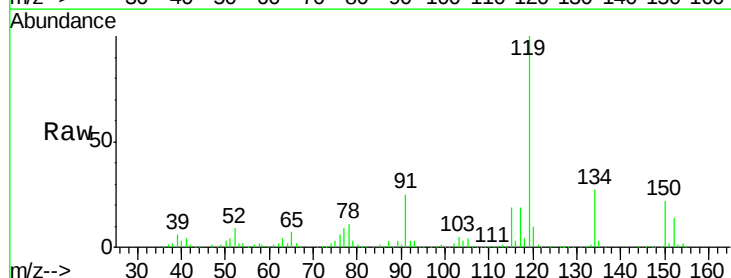
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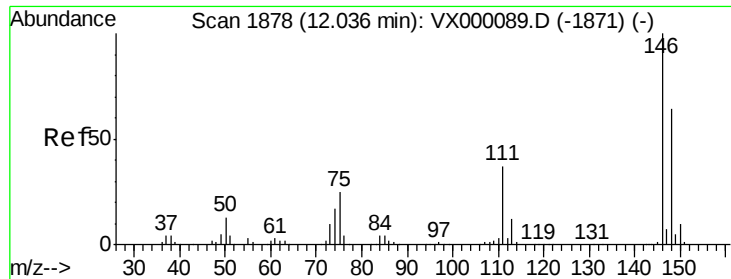
apatel
 3/1/2018 12:52:55 PM



#86
 p-Isopropyltoluene
 Concen: 21.99 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	185145		
134	26.7	13.7	41.0	
91	24.6	11.7	35.0	





#87

1,3-Dichlorobenzene

Concen: 20.37 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

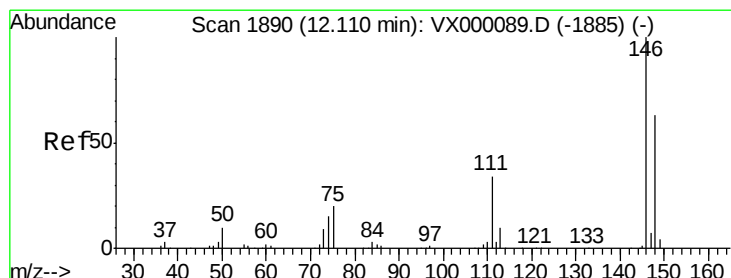
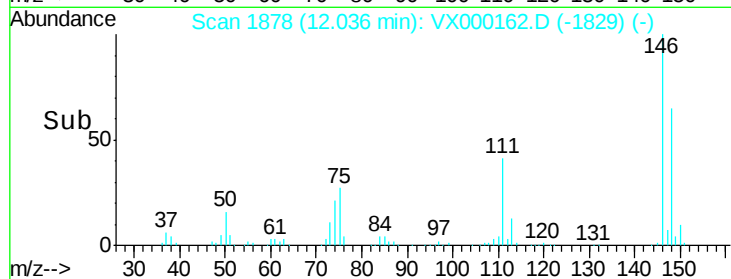
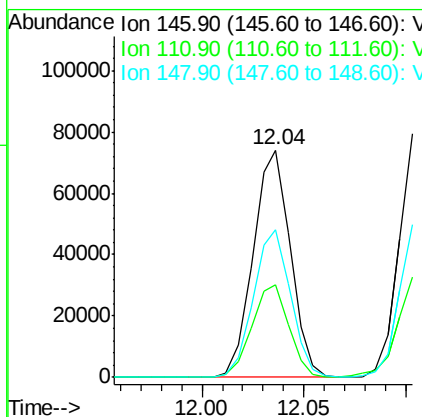
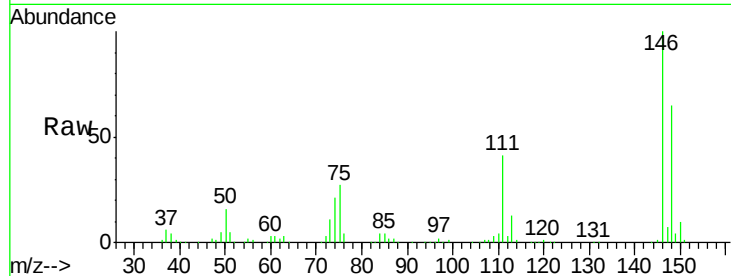
ClientSampled :

VX0228WBS01

Tot Ion:	146	Resp:	94127
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.1	57.3
148	64.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.69 ug/l

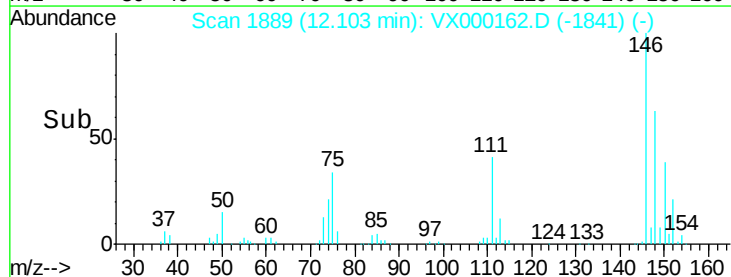
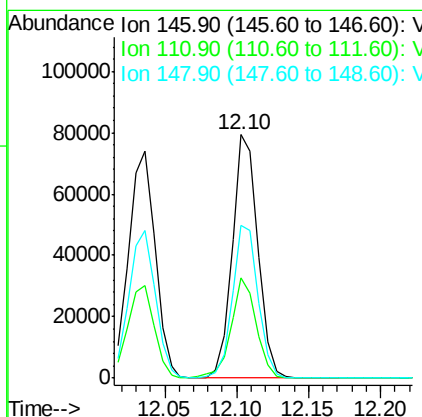
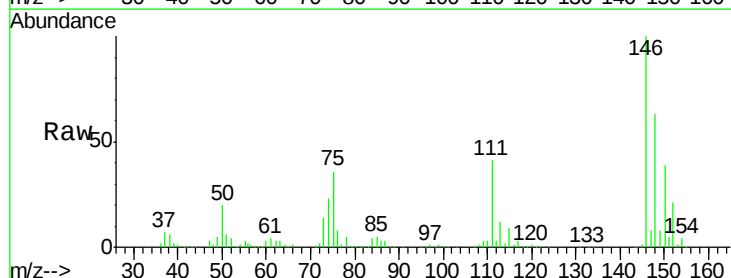
RT: 12.10 min Scan# 1889

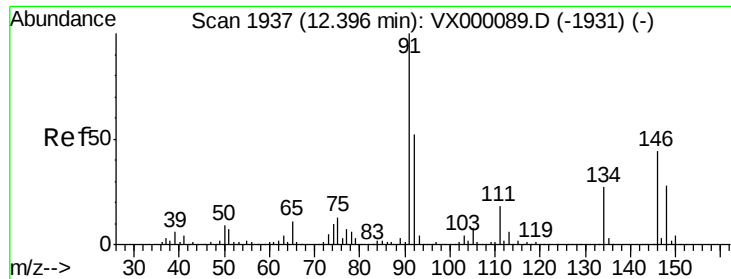
Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion:	146	Resp:	98808
Ion Ratio	Lower	Upper	
146	100		
111	40.3	18.4	55.0
148	63.0	31.9	95.9





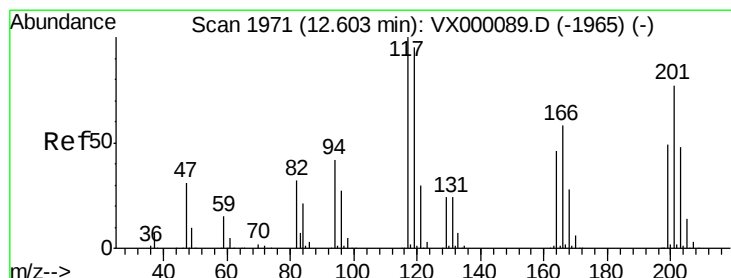
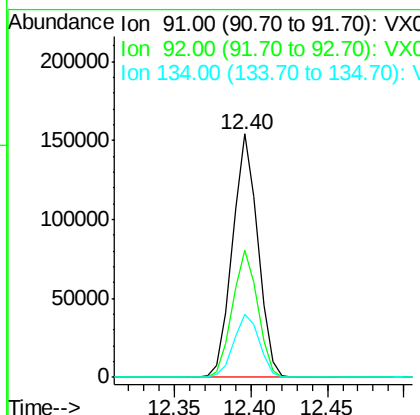
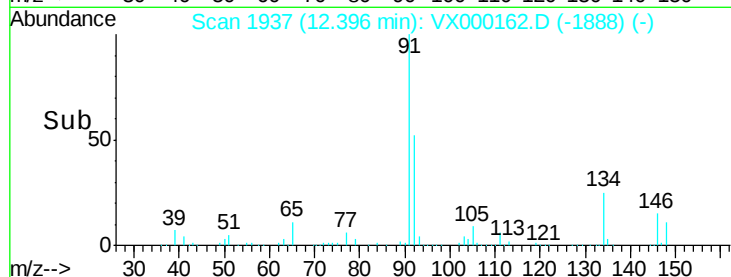
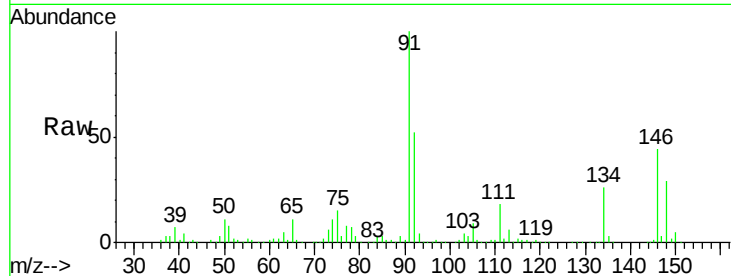
#89
n-Butylbenzene
Concen: 22.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.6
134	26.2	14.3	42.9

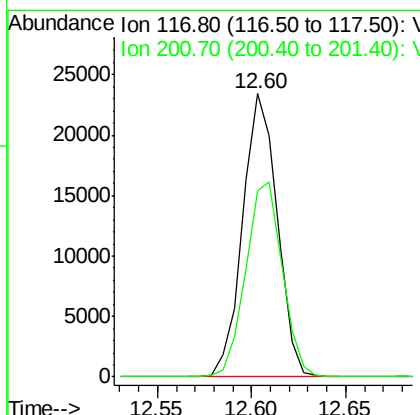
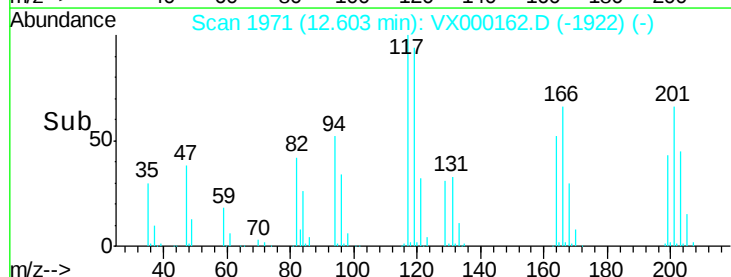
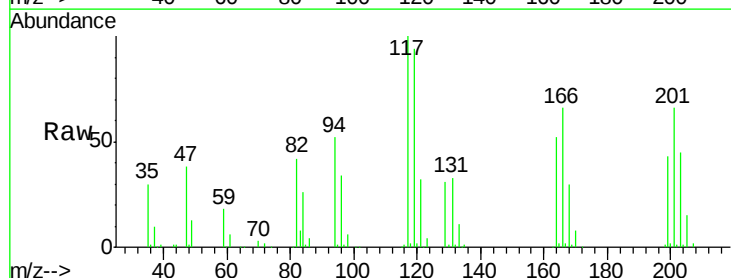
Manual Integrations
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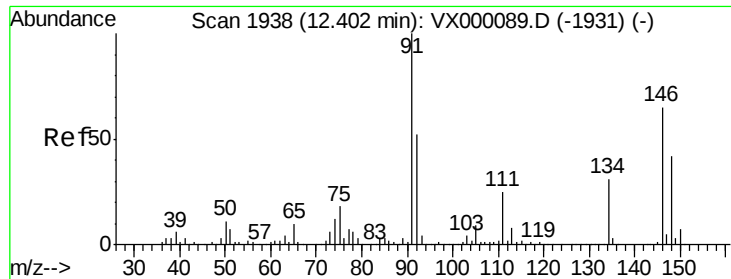
apatel
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#90
Hexachloroethane
Concen: 21.71 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	41.1	123.4





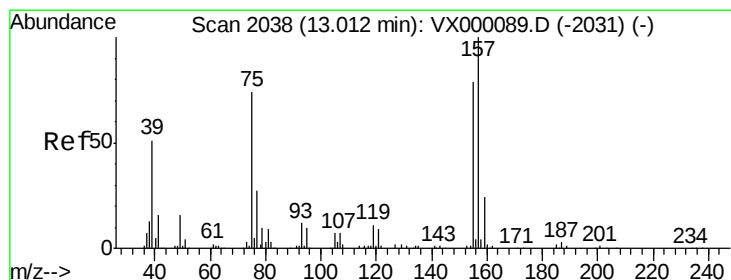
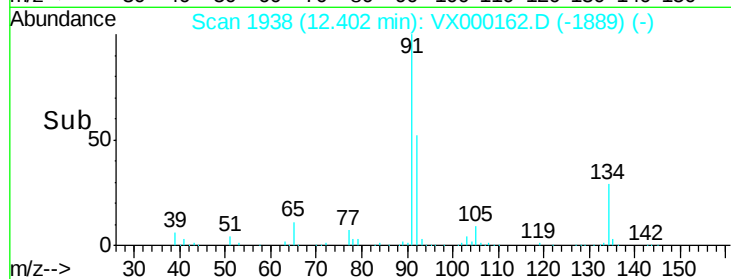
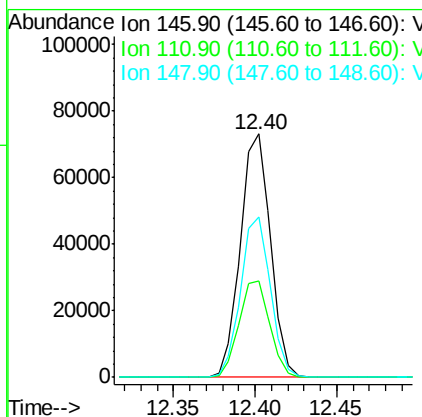
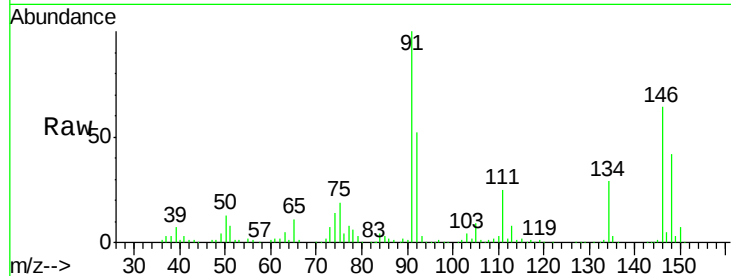
#91
 1,2-Dichlorobenzene
 Concen: 20.79 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	65.1	32.4	97.0

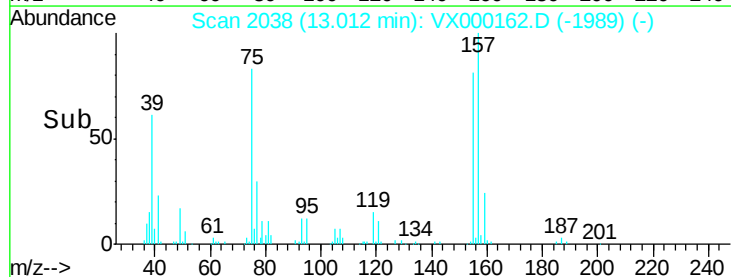
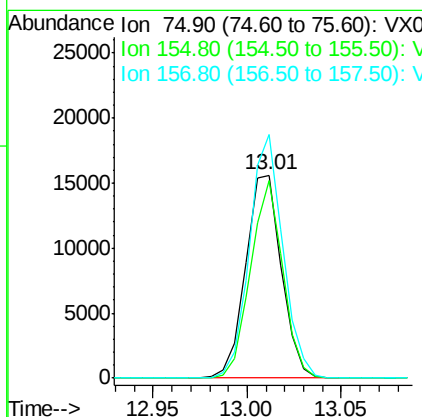
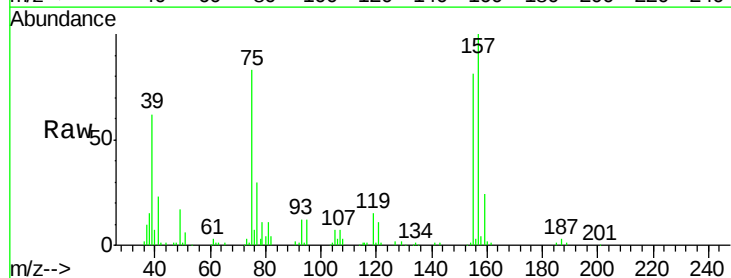
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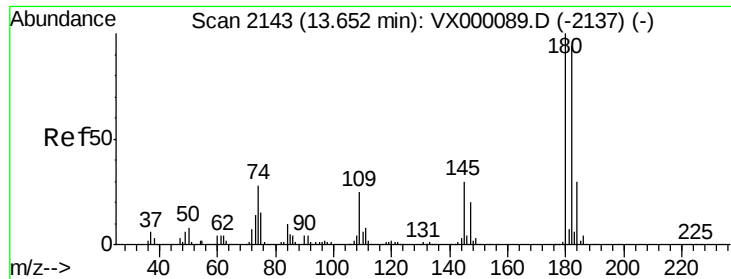
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.86 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	49.3	147.9
157	112.0	63.7	191.1





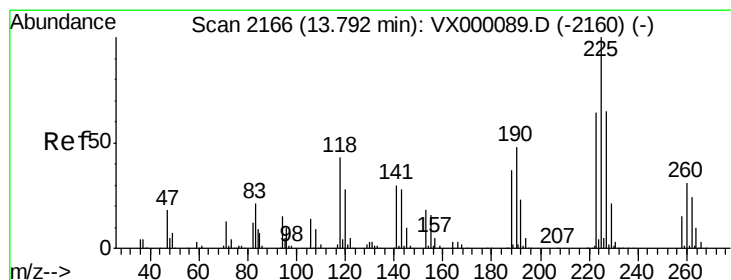
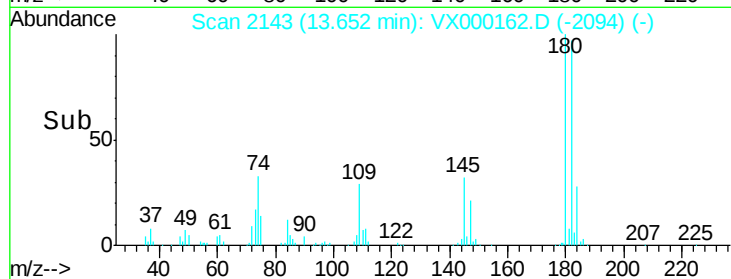
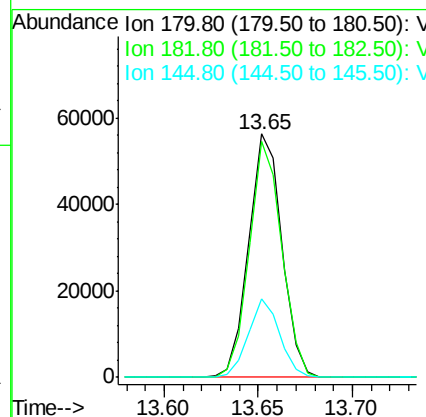
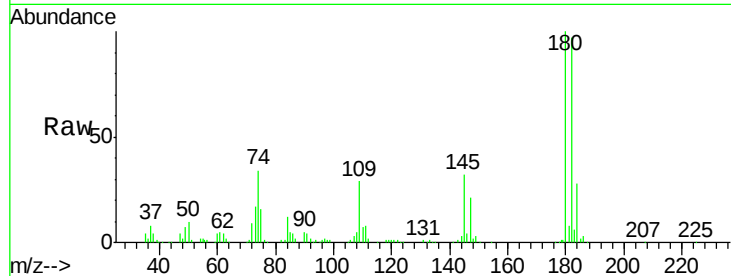
#93
 1,2,4-Trichlorobenzene
 Concen: 20.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	30.6	14.7	44.1

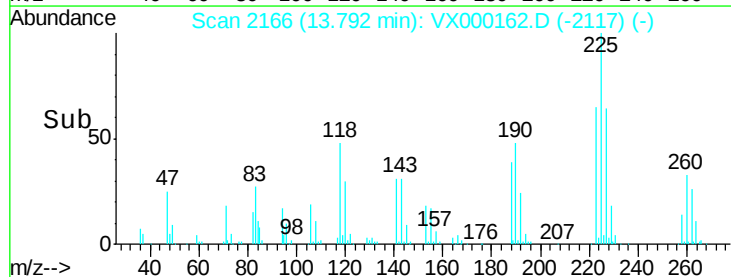
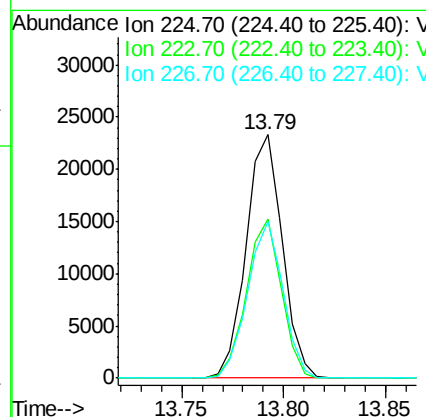
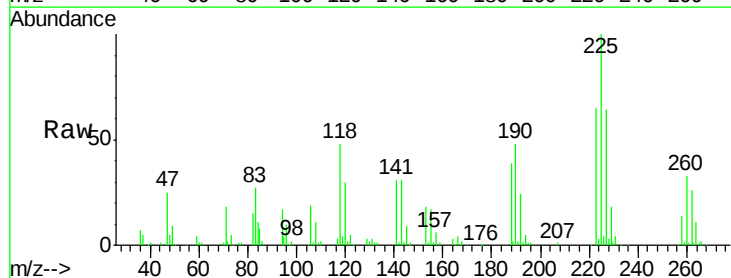
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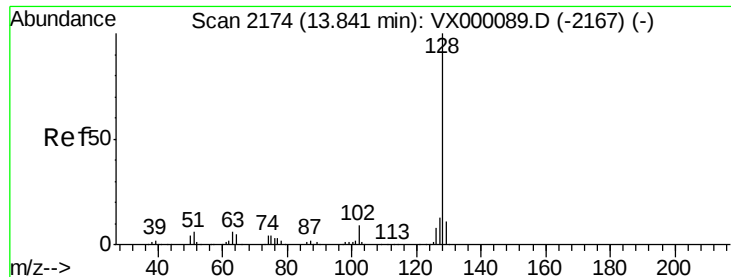
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#94
 Hexachlorobutadiene
 Concen: 19.28 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.0	32.8	98.4





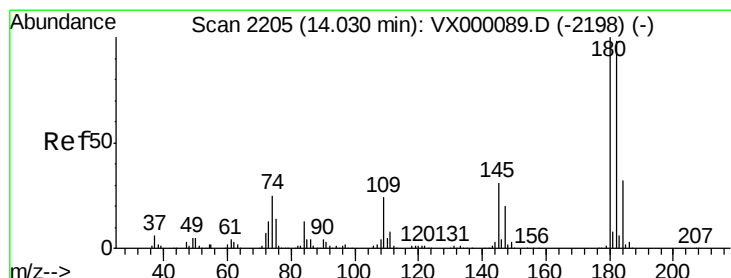
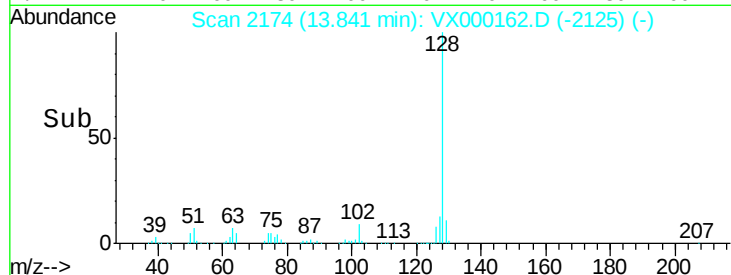
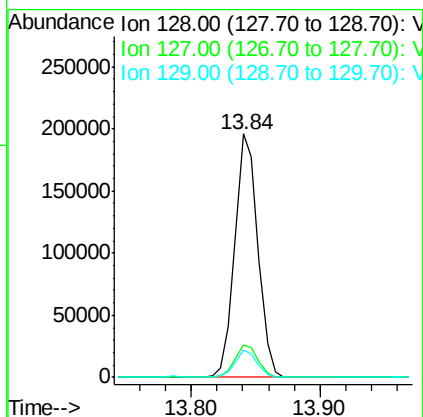
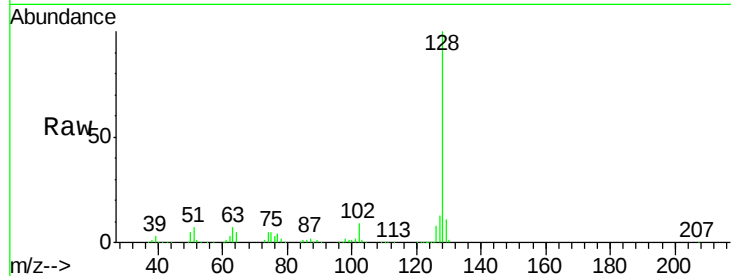
#95
Naphthalene
Concen: 21.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 20.27 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.2	144.6
145	31.4	15.3	45.9

