

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030118\
 Data File : VX000179.D
 Acq On : 01 Mar 2018 11:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 3/2/2018 3:13:18 PM

Quant Time: Mar 02 03:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	27274	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	161755	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	160974	30.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4	6.08	65	67517	31.99	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	106.63%		
60) 4-Bromofluorobenzene	11.15	95	79094	30.03	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	100.10%		
63) Toluene-d8	8.73	98	209875	30.44	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	101.47%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	25040	14.79	ug/l	98
3) Chloromethane	1.32	50	24436	14.40	ug/l	97
4) Vinyl Chloride	1.41	62	30859	15.29	ug/l	99
5) Bromomethane	1.65	94	27348	14.70	ug/l	95
6) Chloroethane	1.73	64	20931	16.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	56487	16.15	ug/l	96
8) Diethyl Ether	2.19	74	20045	16.42	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31889	16.71	ug/l	96
10) 1,1-Dichloroethene	2.38	96	27599	15.14	ug/l	89
11) Methyl Iodide	2.52	142	18195	10.27	ug/l	98
12) Methyl Acetate	2.78	43	67587	20.75	ug/l	99
13) Acrolein	2.30	56	9708	24.77	ug/l	95
14) Acrylonitrile	3.15	53	127859	90.61	ug/l	100
15) Acetone	2.45	58	46116	100.24	ug/l	99
16) Carbon Disulfide	2.57	76	57510	11.03	ug/l	96
17) Allyl chloride	2.73	41	51879	16.70	ug/l	95
18) Methylene Chloride	2.87	84	31818	16.02	ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	29692	14.98	ug/l	92
20) Diisopropyl ether	3.88	45	103839	21.17	ug/l	96
21) 1,1-Dichloroethane	3.71	63	57595	17.81	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	30062	16.32	ug/l	97
23) tert-Butyl Alcohol	3.07	59	74200	91.99	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	109525	17.44	ug/l	96
25) Chloroform	5.22	83	55582	17.34	ug/l	99
26) Cyclohexane	5.58	56	40470	15.96	ug/l #	100
29) 1,1-Dichloropropene	5.81	75	40003	16.98	ug/l	97
30) 2-Butanone	4.71	43	182899	100.87	ug/l	98
31) 2,2-Dichloropropane	4.59	77	43775	17.28	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	47735	16.75	ug/l	97
33) Carbon Tetrachloride	5.79	117	40231	15.90	ug/l	94
34) Benzene	6.15	78	114089	16.83	ug/l	94
35) Methacrylonitrile	5.07	41	30245	18.12	ug/l	89
36) 1,2-Dichloroethane	6.21	62	46723	18.18	ug/l	100
37) Trichloroethene	7.22	130	33590	16.77	ug/l	96
38) Methylcyclohexane	7.47	83	47064	16.67	ug/l	98
39) 1,2-Dichloropropane	7.52	63	30786	18.19	ug/l	93
40) Dibromomethane	7.67	93	23577	18.08	ug/l	93

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Quant Time: Mar 02 03:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	43080	17.38	ug/l	98
42) Vinyl Acetate	3.83	43	485720	105.10	ug/l	98
43) Ethyl Acetate	4.87	43	58424	18.34	ug/l	99
44) Isopropyl Acetate	6.48	43	88537	18.95	ug/l	97
45) 1,4-Dioxane	7.76	88	20530	349.32	ug/l	99
46) Methyl methacrylate	7.79	41	41413	18.22	ug/l	94
47) n-amyl Acetate	10.91	43	78923	19.35	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	50770	17.60	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	49443	17.61	ug/l	94
50) 1,1,2-Trichloroethane	9.23	97	35116	18.34	ug/l	96
51) Ethyl methacrylate	9.19	69	53234	18.15	ug/l	95
52) 1,3-Dichloropropane	9.38	76	56457	18.39	ug/l	100
53) Dibromochloromethane	9.59	129	35857	16.83	ug/l	99
54) 1,2-Dibromoethane	9.68	107	37386	17.52	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	105996	82.76	ug/l	99
56) Bromoform	10.87	173	28502	16.52	ug/l	96
58) 4-Methyl-2-Pentanone	8.66	43	342842	97.24	ug/l	99
59) 2-Hexanone	9.51	43	293947	98.45	ug/l	98
61) Tetrachloroethene	9.34	164	30553	15.63	ug/l	94
62) Toluene	8.79	91	141058	16.84	ug/l	99
64) Chlorobenzene	10.15	112	97305	17.19	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.23	131	33429	16.68	ug/l	98
66) Ethyl Benzene	10.26	91	165091	17.27	ug/l	99
67) m/p-Xylenes	10.37	106	128843	34.38	ug/l	99
68) o-Xylene	10.71	106	63655	17.49	ug/l	96
69) Styrene	10.72	104	103411	17.15	ug/l	98
70) Isopropylbenzene	11.02	105	173384	17.62	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	63815	18.85	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	58146m	19.15	ug/l	
73) Bromobenzene	11.26	156	43513	16.87	ug/l	93
74) n-propylbenzene	11.37	91	206110	17.87	ug/l	100
75) 2-Chlorotoluene	11.43	91	119033	17.95	ug/l	99
76) 1,3,5-Trimethylbenzene	11.52	105	146961	17.62	ug/l	71
77) t-1,4-Dichloro-2-butene	11.09	75	17693	16.47	ug/l	90
78) 4-Chlorotoluene	11.52	91	145066	18.26	ug/l	98
79) tert-butylbenzene	11.78	119	147963m	17.83	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	152931	17.98	ug/l	97
81) sec-Butylbenzene	11.96	105	188719	18.39	ug/l	99
82) p-Isopropyltoluene	12.07	119	163676	17.88	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	86510	17.61	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	87604	17.11	ug/l	99
85) n-Butylbenzene	12.40	91	161230	18.78	ug/l	99
86) Hexachloroethane	12.60	117	25503	16.68	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	84570	17.38	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18001	19.01	ug/l	89
89) 1,2,4-Trichlorobenzene	13.65	180	60668	16.97	ug/l	99
90) Hexachlorobutadiene	13.79	225	25604	16.62	ug/l	97
91) Naphthalene	13.84	128	218692	17.51	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	61303	17.06	ug/l	97

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QLast Update : Wed Feb 21 06:17:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

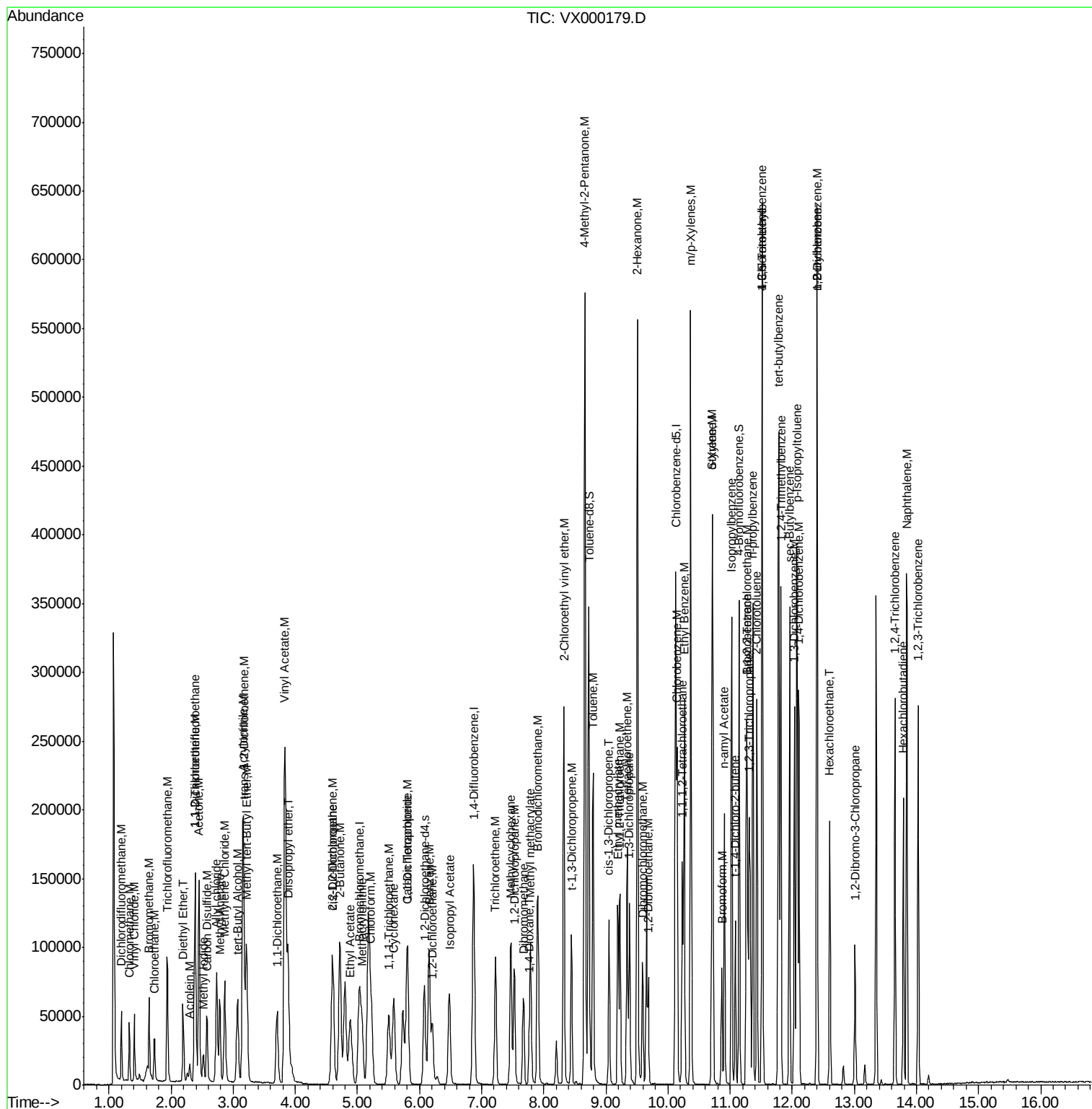
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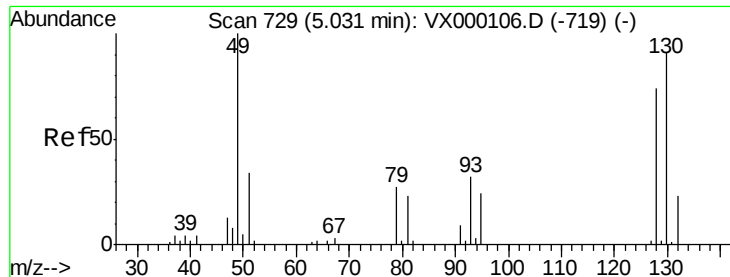
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ClientSampleId :
VSTDCCC020

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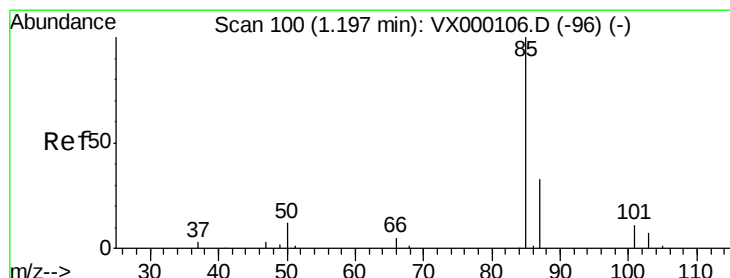
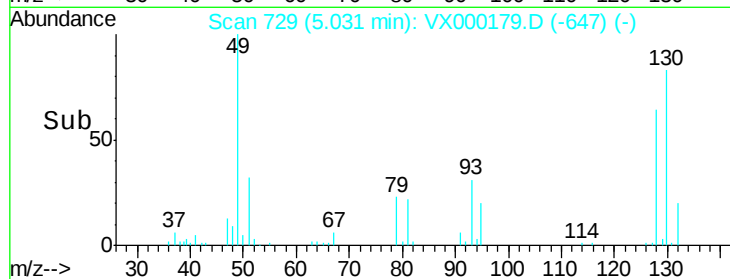
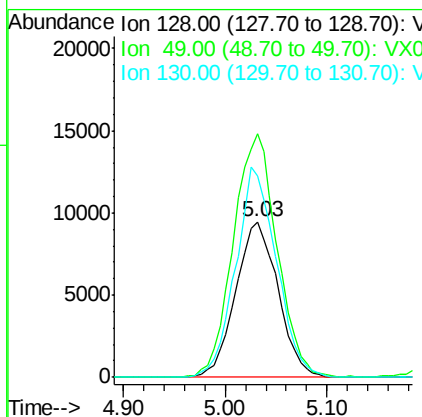
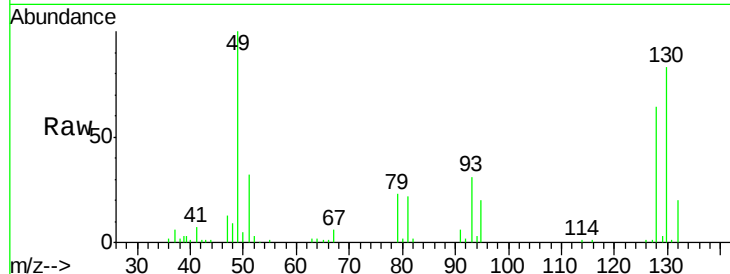
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.6	0.0	378.3
130	130.2	0.0	324.3

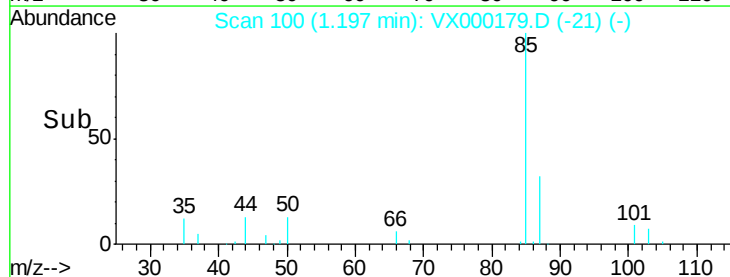
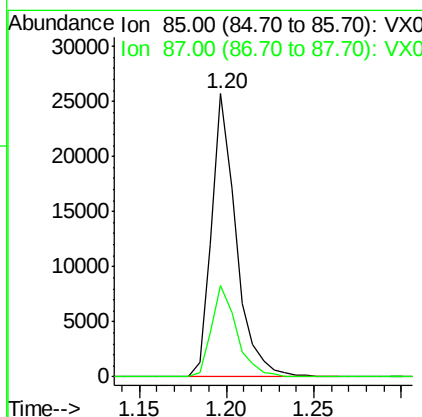
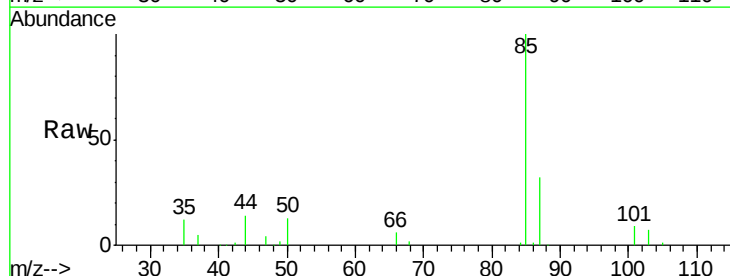
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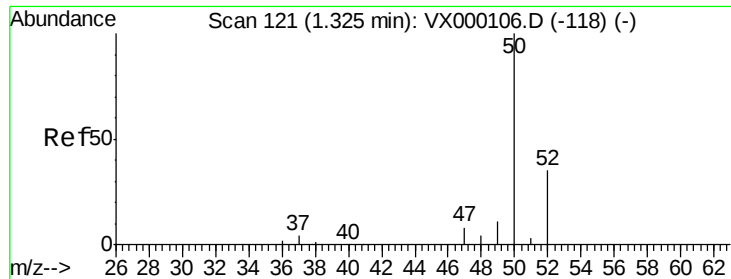
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#2
Dichlorodifluoromethane
Concen: 14.79 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.6	49.7





#3

Chloromethane

Concen: 14.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 24436

Ion Ratio Lower Upper

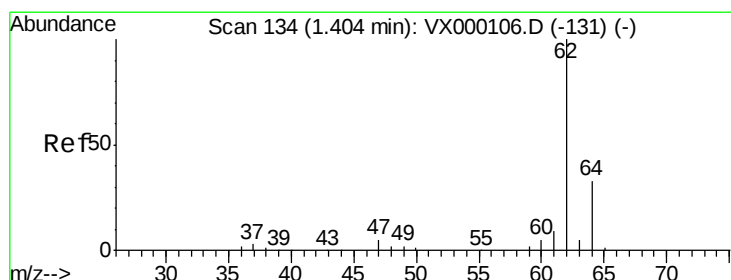
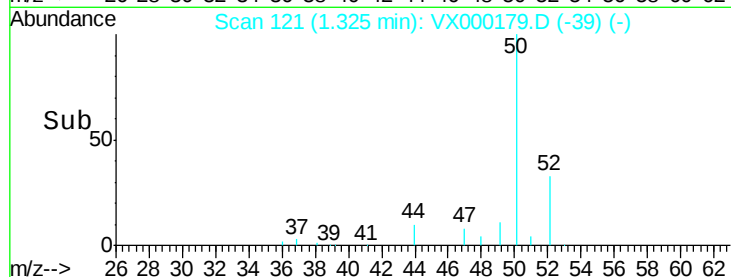
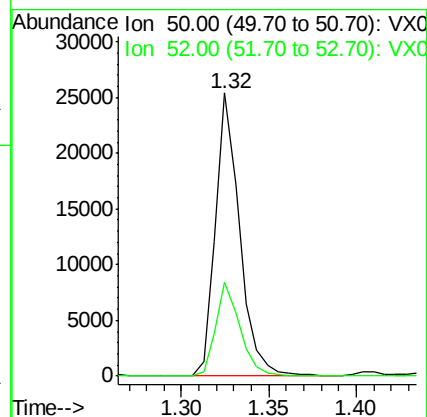
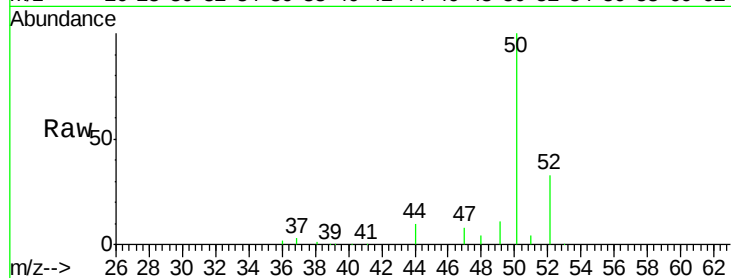
50 100

52 33.3 27.8 41.6

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#4

Vinyl Chloride

Concen: 15.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000179.D

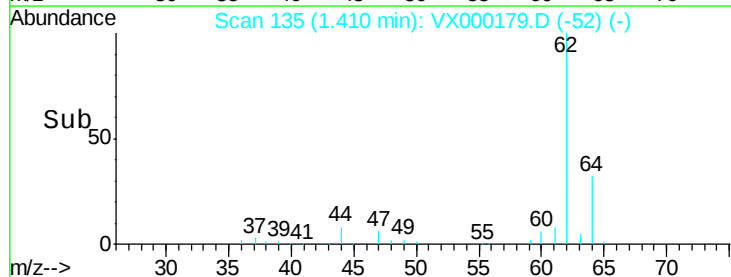
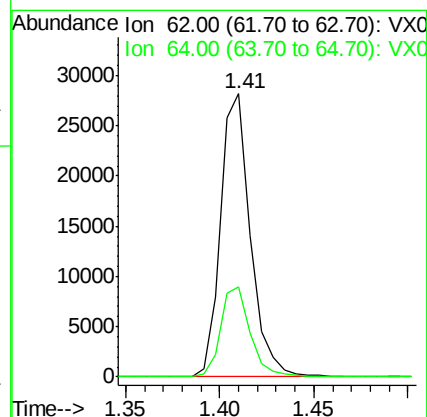
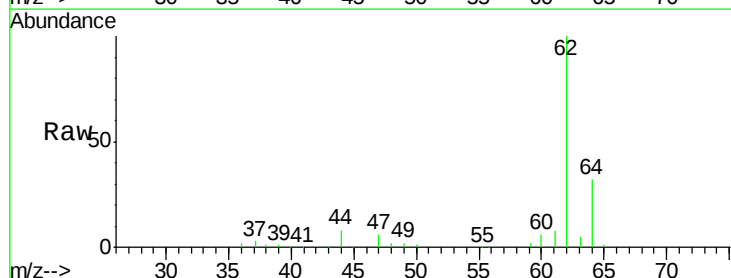
Acq: 01 Mar 2018 11:48

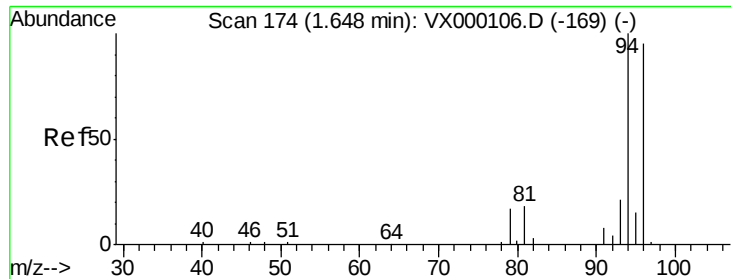
Tgt Ion: 62 Resp: 30859

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





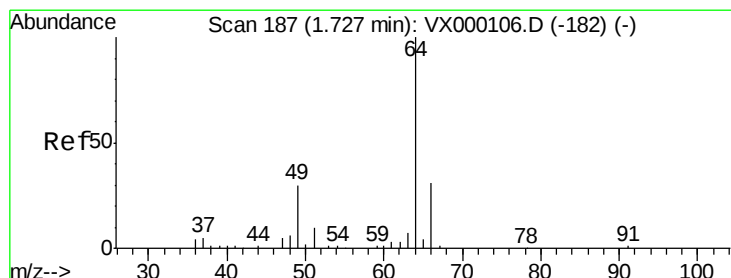
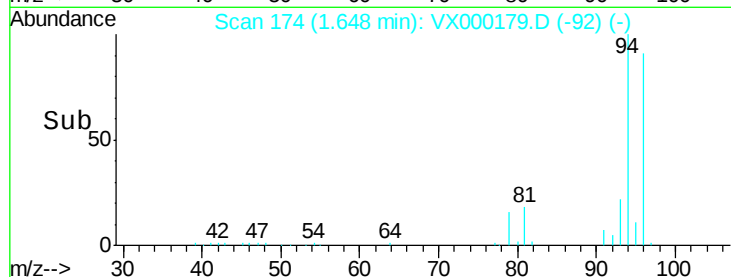
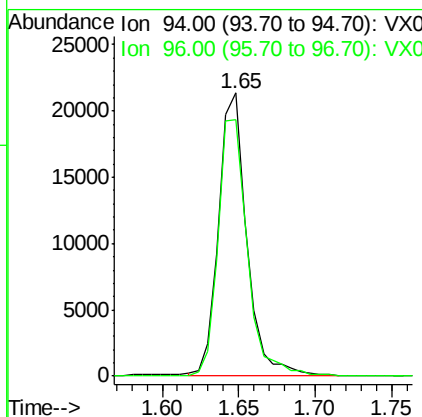
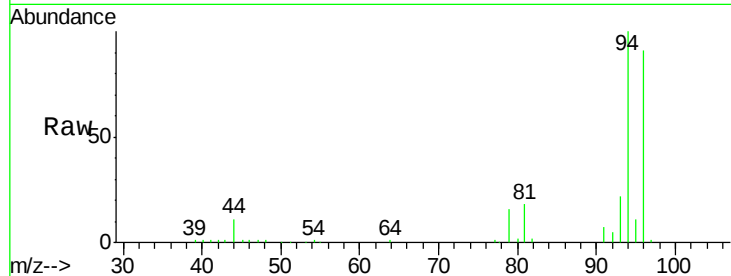
#5
Bromomethane
Concen: 14.70 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 94 Resp: 27348
Ion Ratio Lower Upper
94 100
96 90.7 76.2 114.2

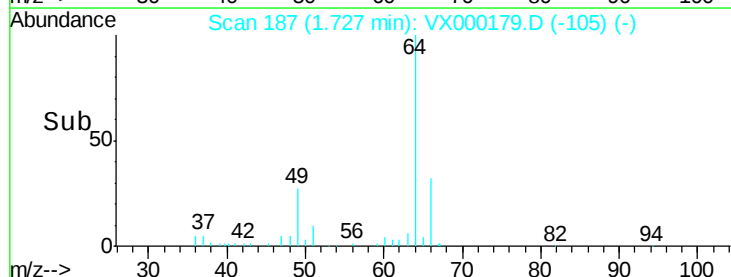
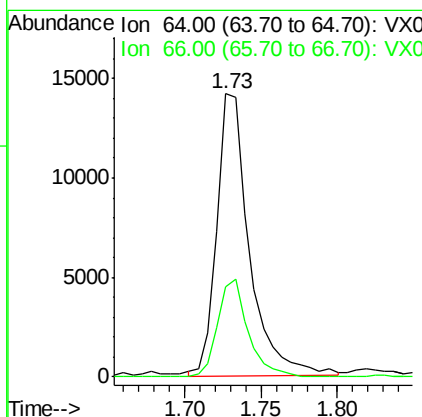
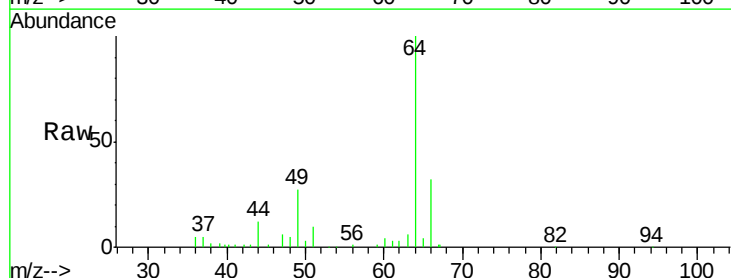
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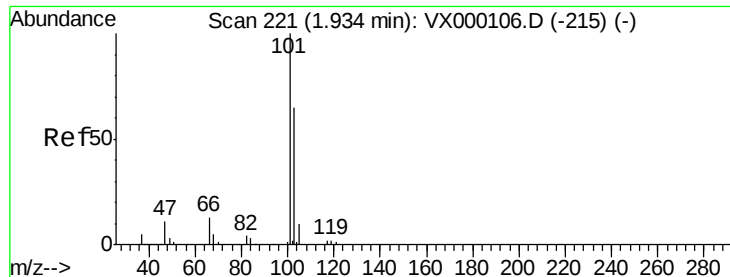
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#6
Chloroethane
Concen: 16.20 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 64 Resp: 20931
Ion Ratio Lower Upper
64 100
66 32.2 25.2 37.8





#7

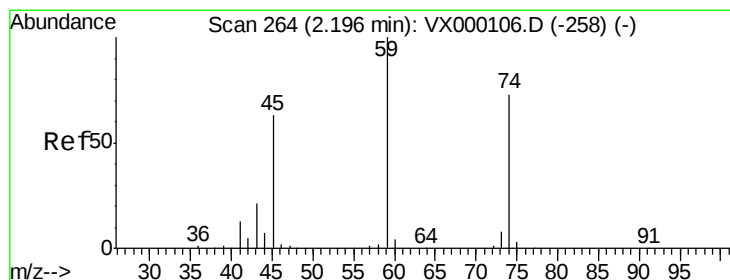
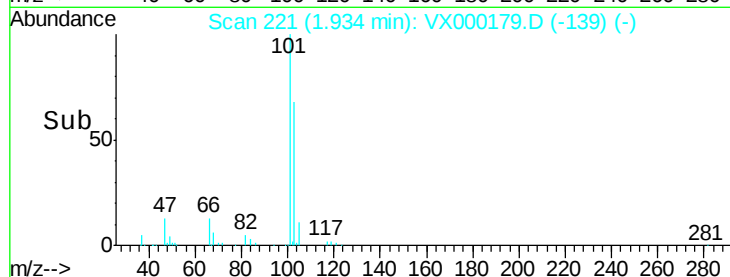
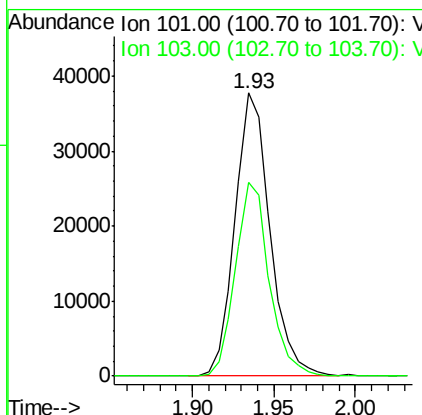
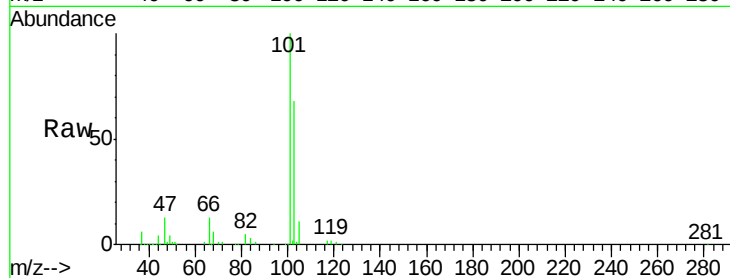
Trichlorofluoromethane
 Concen: 16.15 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.4	52.2	78.4

Manual Integrations
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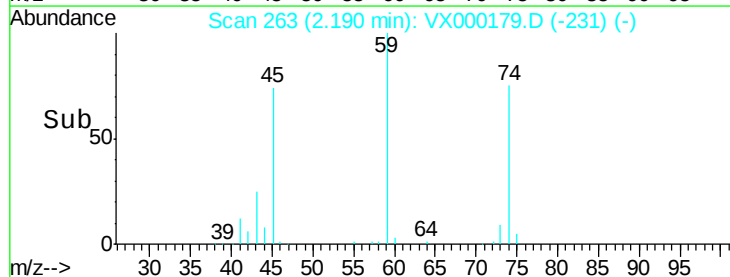
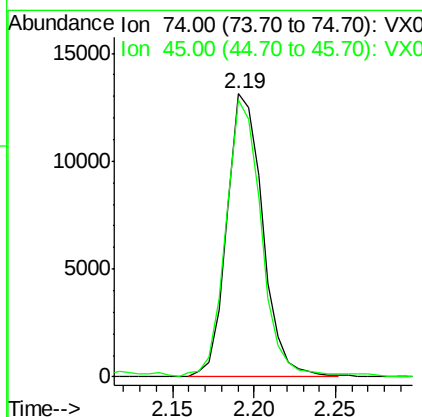
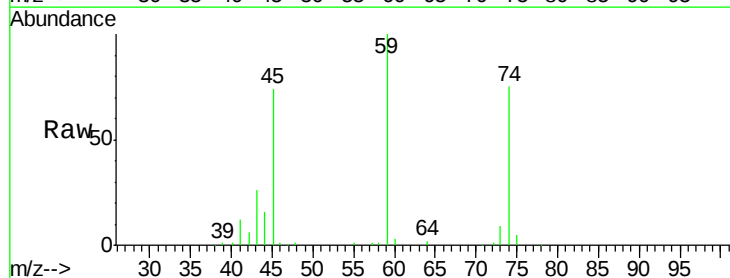
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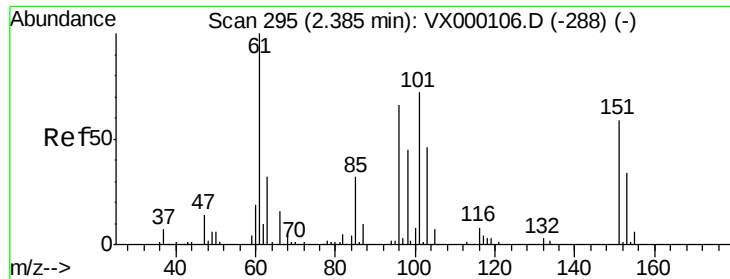


#8

Diethyl Ether
 Concen: 16.42 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.71 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

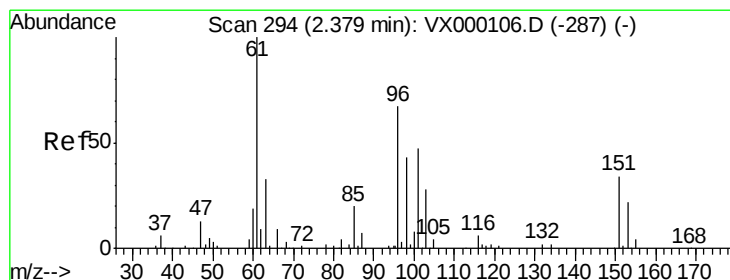
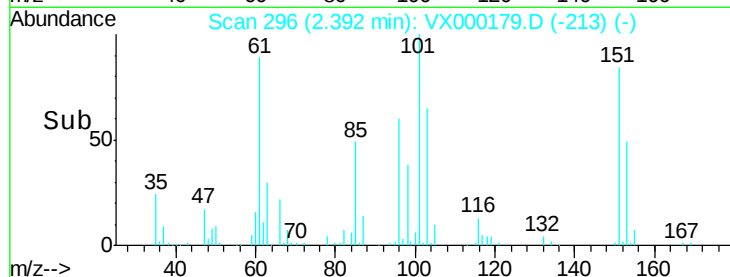
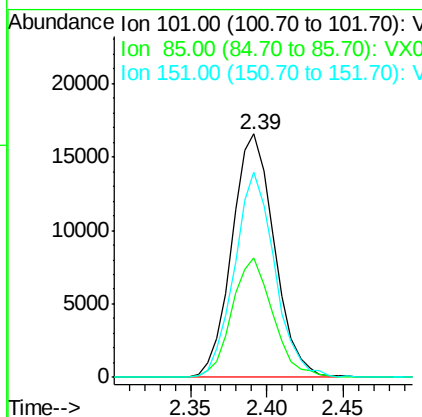
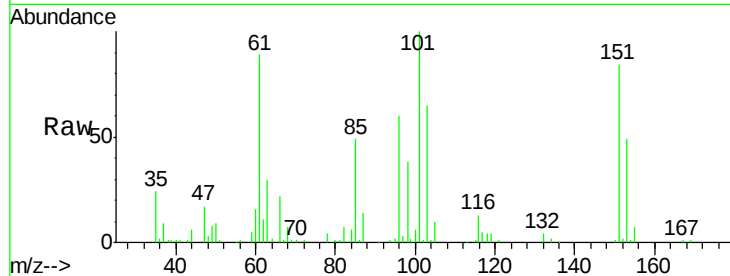
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	31889		
85	47.2	0.0	90.4	
151	79.8	0.0	167.6	

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#10

1,1-Dichloroethene

Concen: 15.14 ug/l

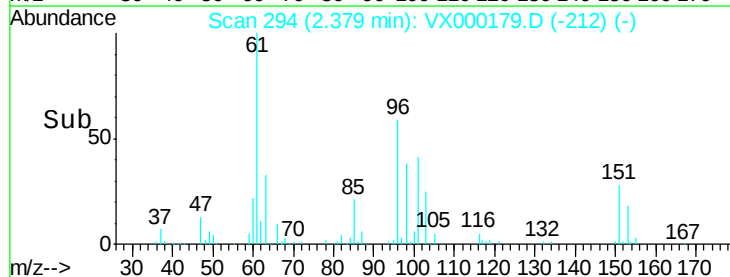
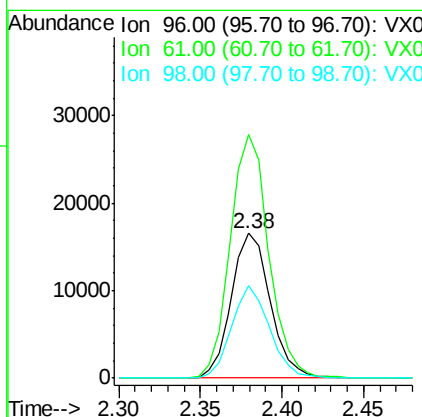
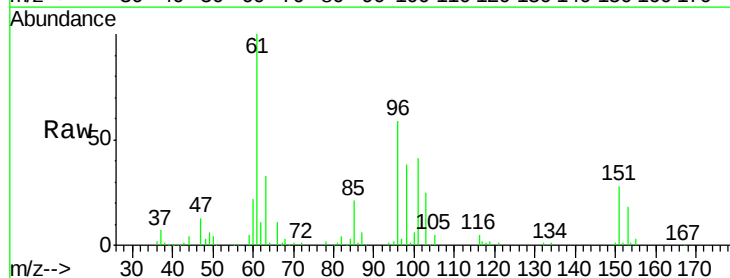
RT: 2.38 min Scan# 294

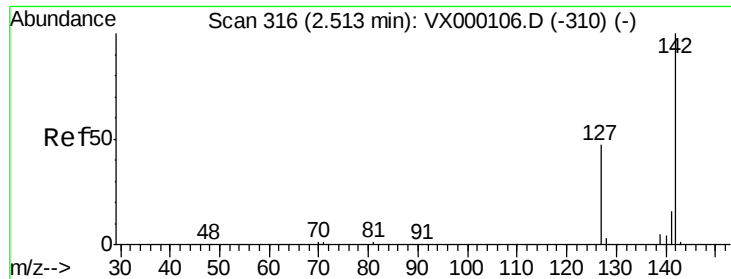
Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	27599		
61	168.1	118.6	178.0	
98	64.0	51.0	76.6	





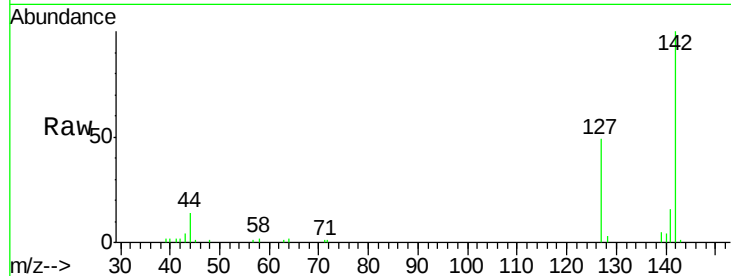
#11
Methvl Iodide
Concen: 10.27 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

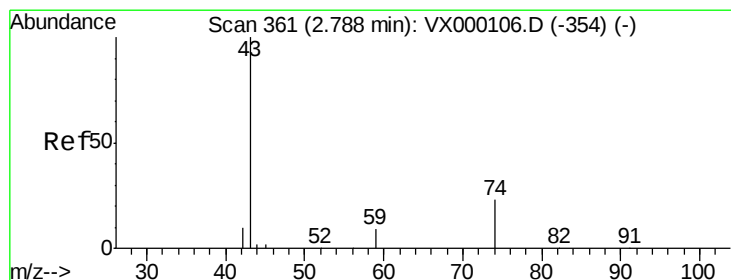
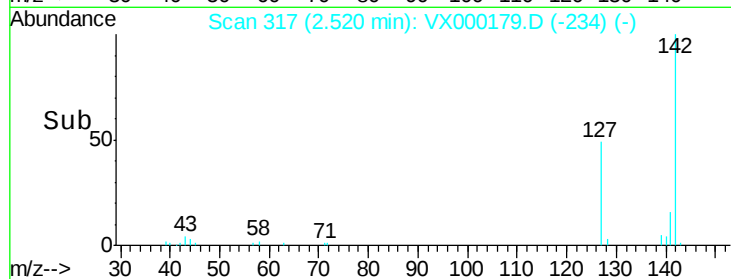
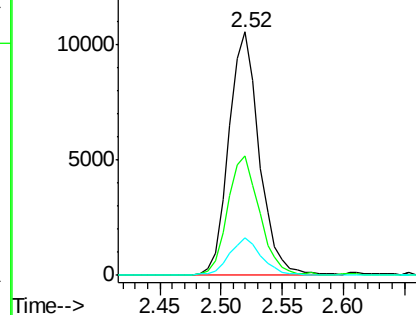
Tot Ion	Ratio	Lower	Upper
142	100		
127	48.8	23.8	71.5
141	15.7	8.2	24.4

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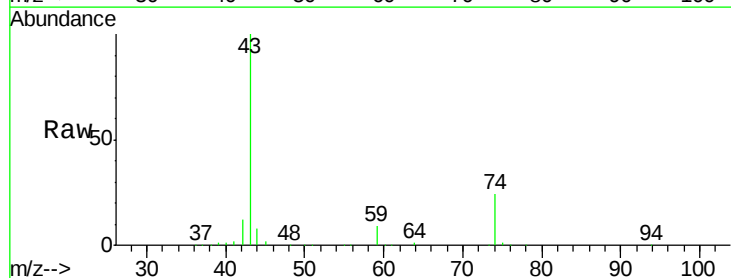


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

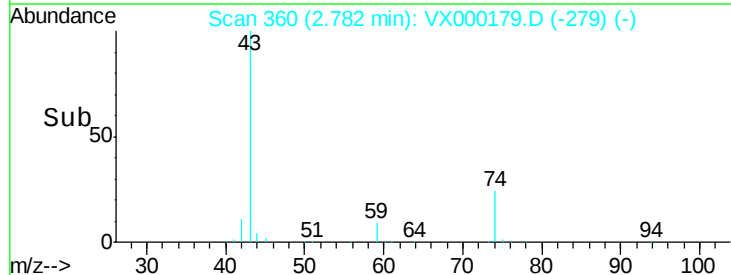
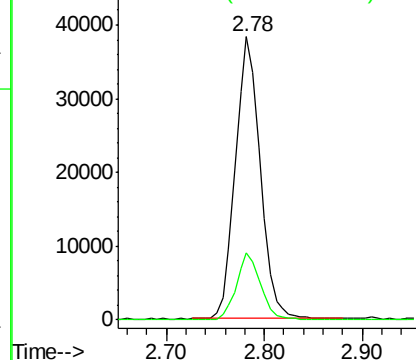


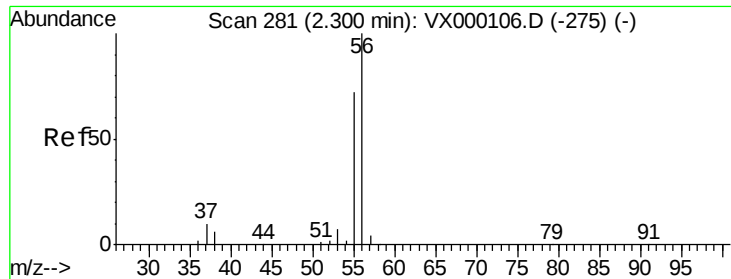
#12
Methyl Acetate
Concen: 20.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.6	27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





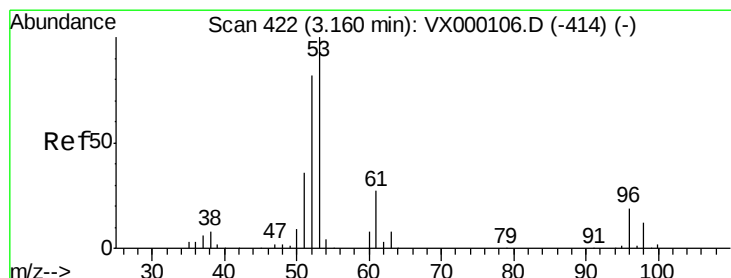
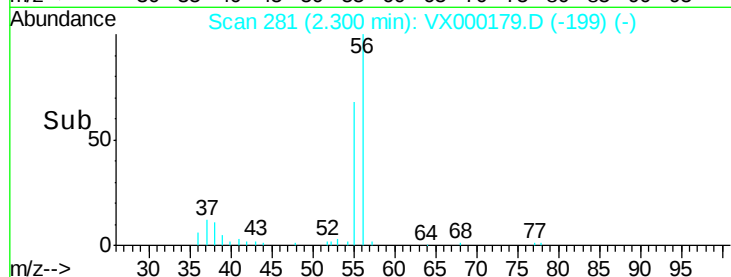
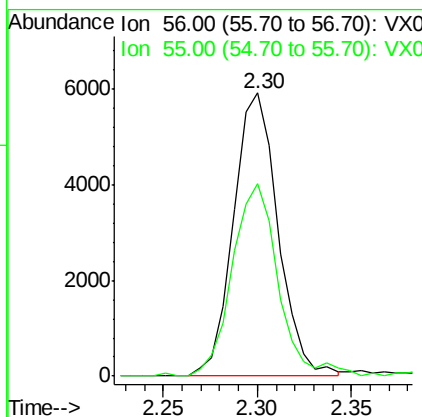
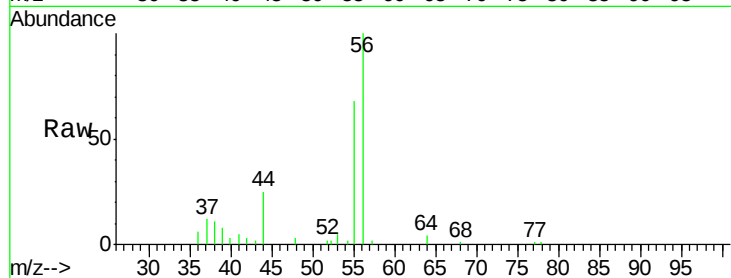
#13
Acrolein
Concen: 24.77 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 56 Resp: 9708
Ion Ratio Lower Upper
56 100
55 67.8 57.3 85.9

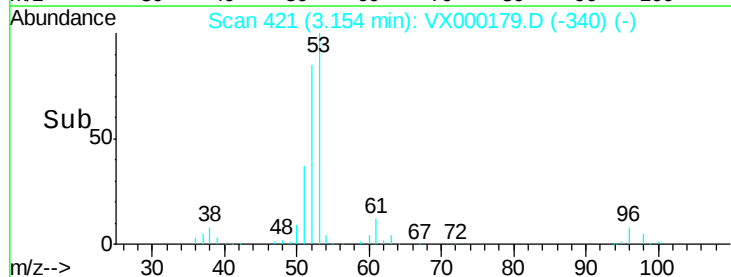
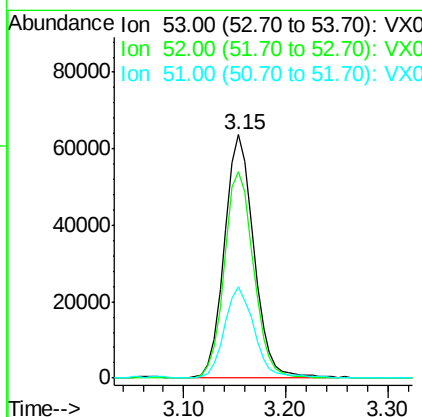
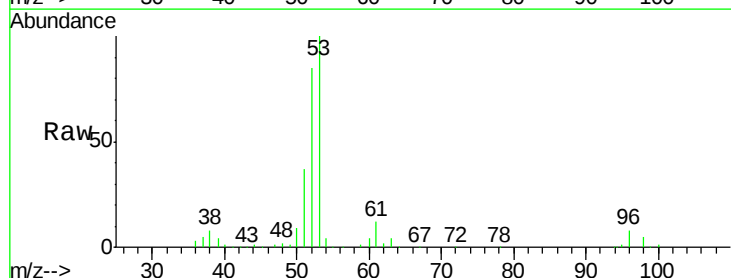
Manual Integrations
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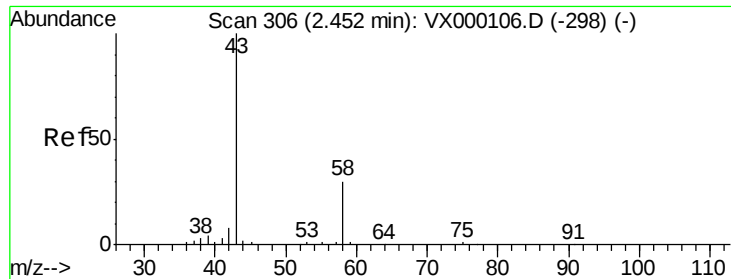
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#14
Acrylonitrile
Concen: 90.61 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 53 Resp: 127859
Ion Ratio Lower Upper
53 100
52 83.9 41.9 125.8
51 38.1 18.8 56.3





#15

Acetone

Concen: 100.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tot Ion: 58 Resp: 46116

Ion Ratio Lower Upper

58 100

43 328.9 264.6 396.8

Instrument :

ClientSampled :

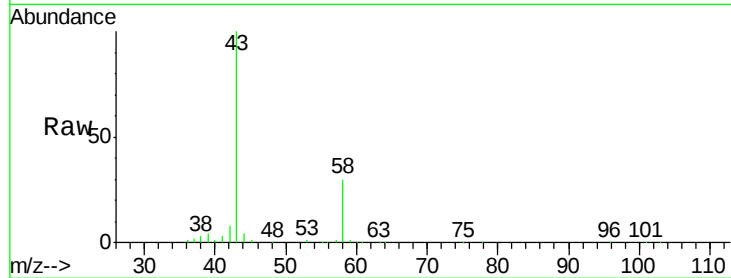
VSTDCCC020

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Abundance Ion 58.00 (57.70 to 58.70): VX000106.D (-298) (-)

Ion 43.00 (42.70 to 43.70): VX000106.D (-298) (-)

100000

80000

60000

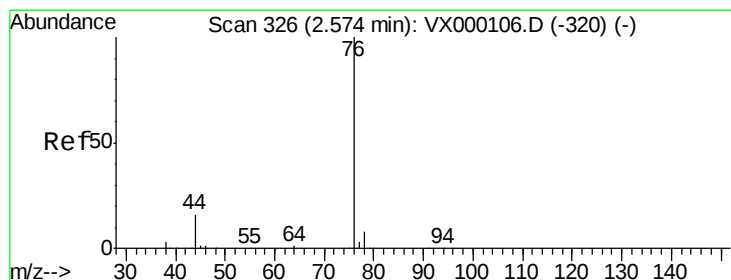
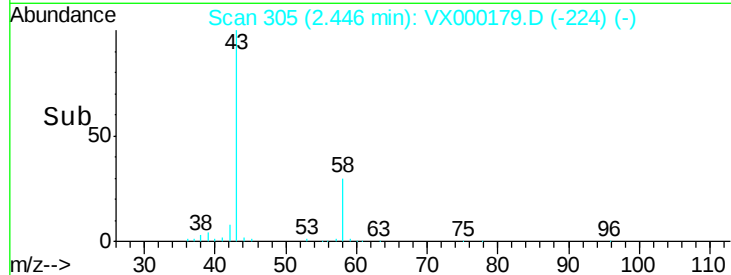
40000

20000

0

2.40 2.45 2.50 2.55

Time-->



#16

Carbon Disulfide

Concen: 11.03 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000179.D

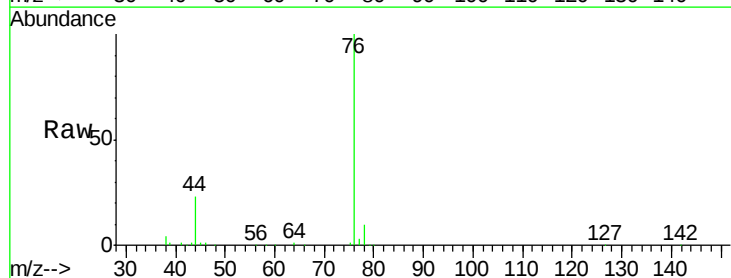
Acq: 01 Mar 2018 11:48

Tgt Ion: 76 Resp: 57510

Ion Ratio Lower Upper

76 100

78 10.1 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX000106.D (-320) (-)

Ion 78.00 (77.70 to 78.70): VX000106.D (-320) (-)

40000

30000

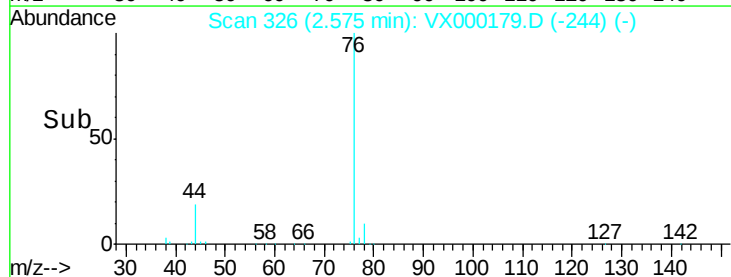
20000

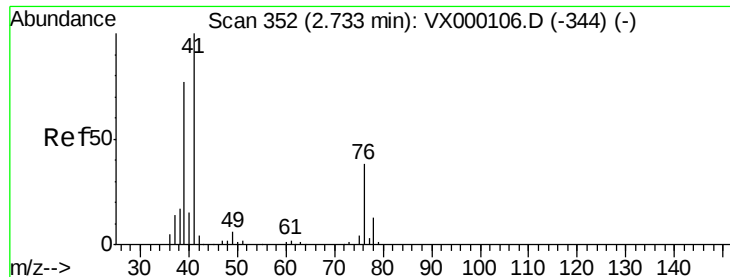
10000

0

2.50 2.55 2.60 2.65

Time-->





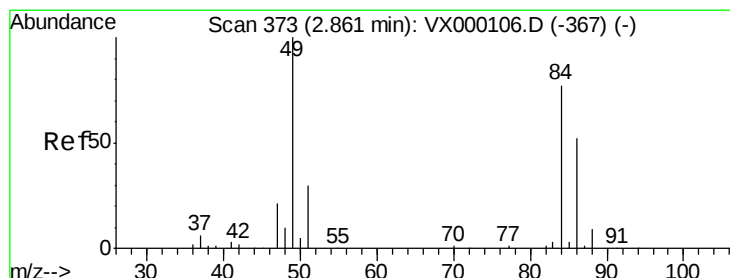
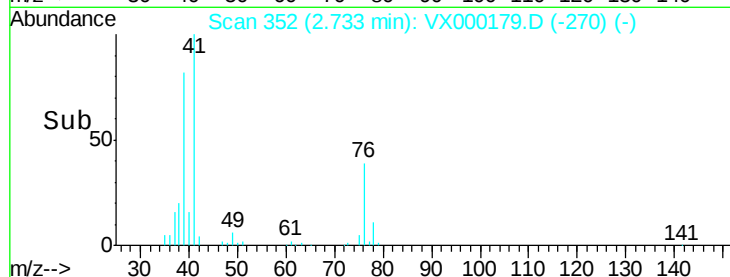
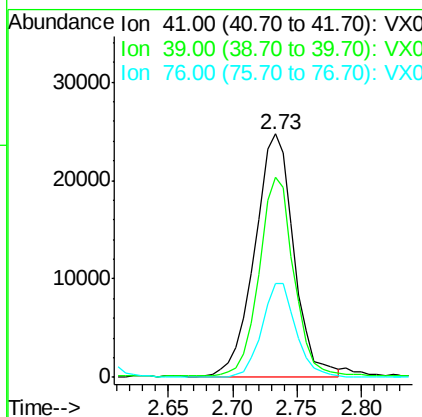
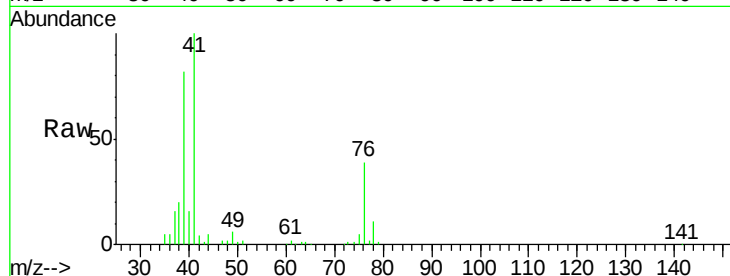
#17
Allvl chloride
Concen: 16.70 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	82.1	38.5	115.5
76	38.4	18.7	56.1

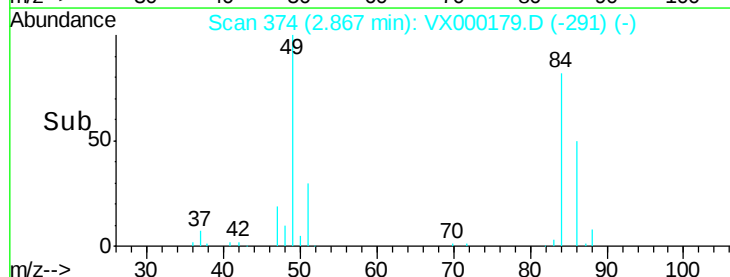
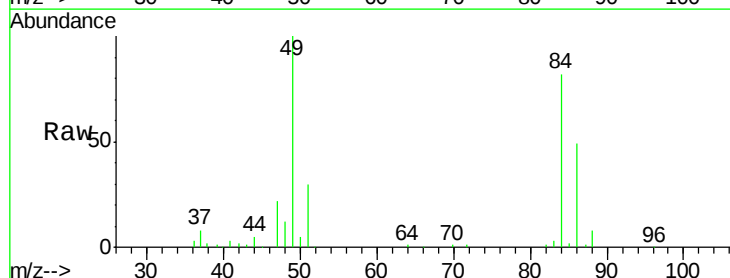
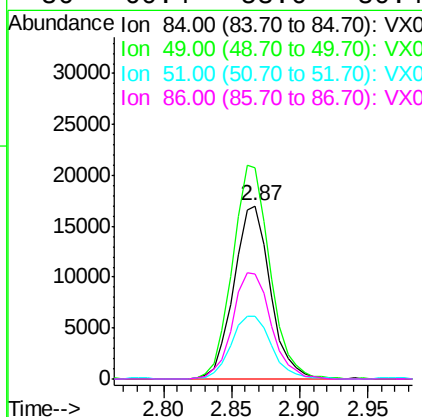
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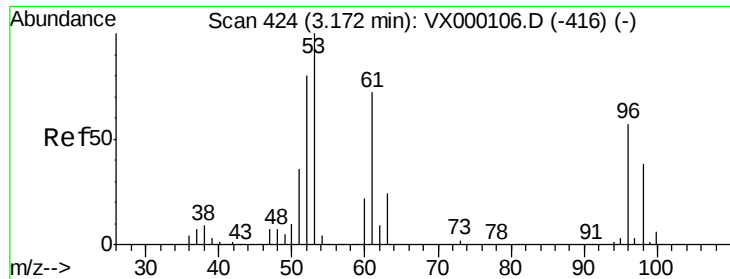
apatel
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#18
Methylene Chloride
Concen: 16.02 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	103.3	154.9
51	36.1	31.2	46.8
86	60.4	53.6	80.4





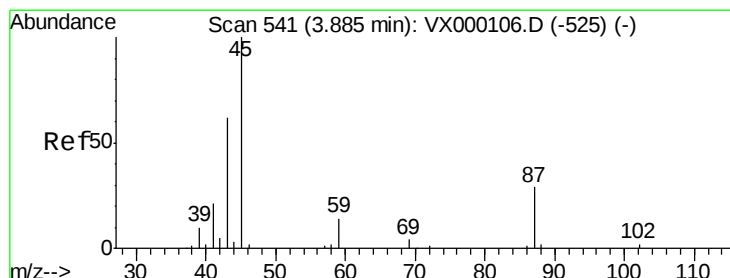
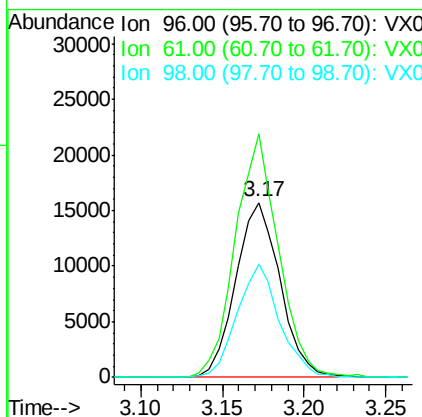
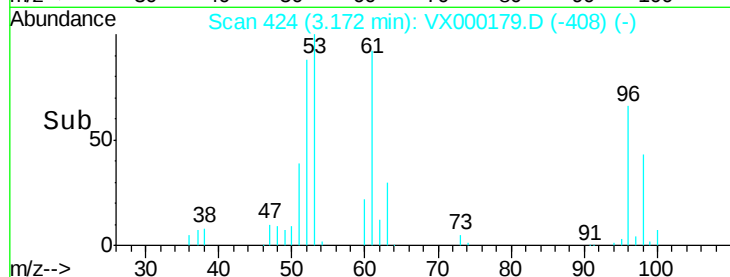
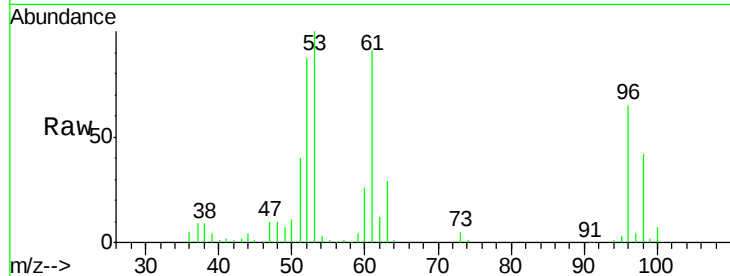
#19
trans-1,2-Dichloroethene
Concen: 14.98 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.7	101.0	151.6	
98	64.4	53.3	79.9	

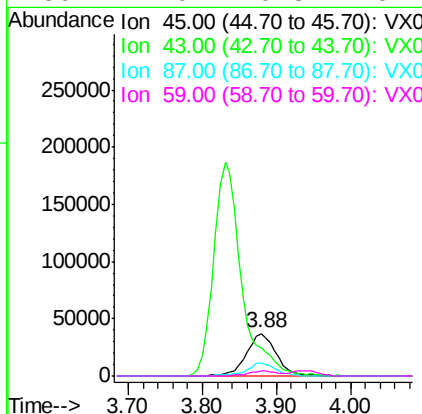
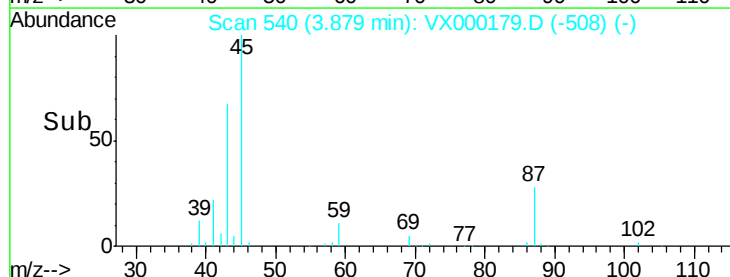
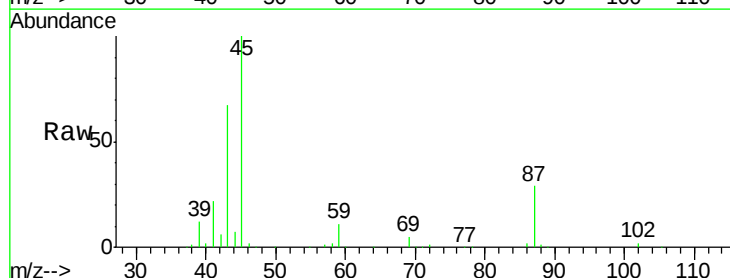
Manual Integrations
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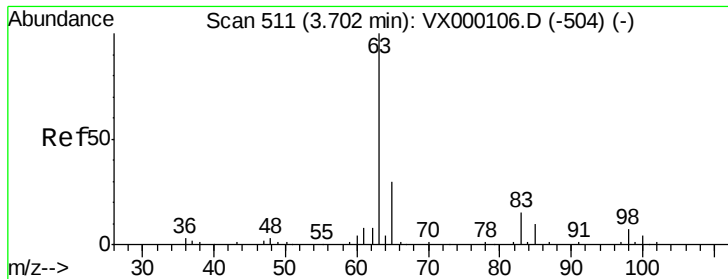
apatel
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#20
Diisopropyl ether
Concen: 21.17 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	65.8	49.6	74.4	
87	29.0	23.1	34.7	
59	11.0	10.8	16.2	





#21

1,1-Dichloroethane

Concen: 17.81 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

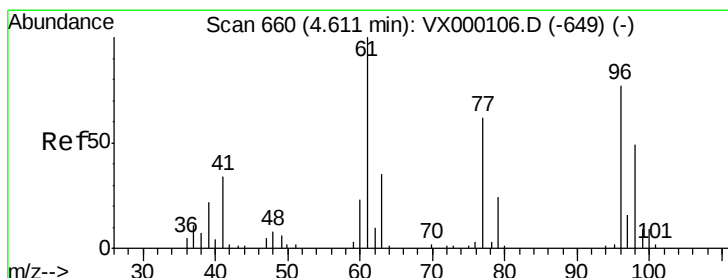
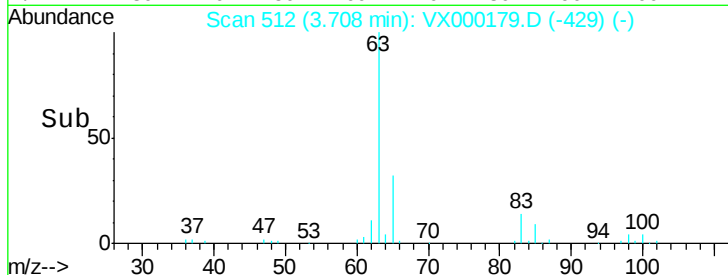
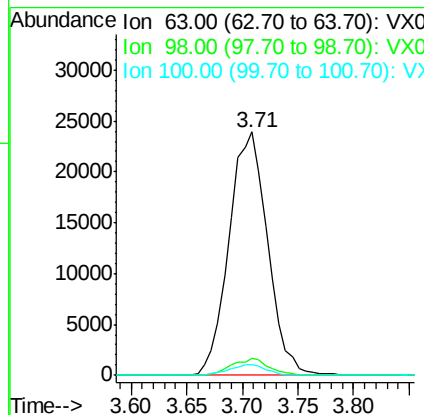
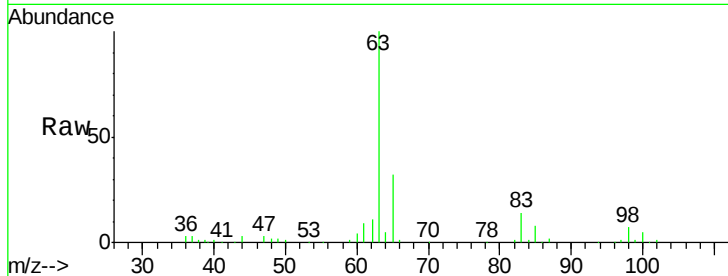
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	57595
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.6	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 16.32 ug/l

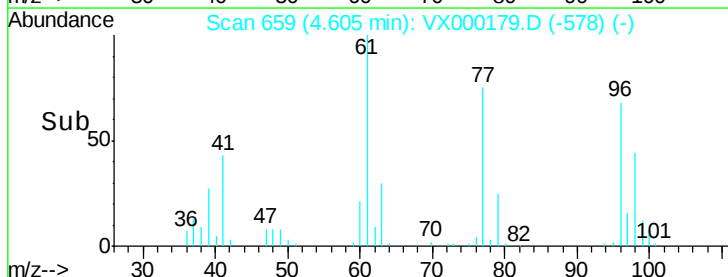
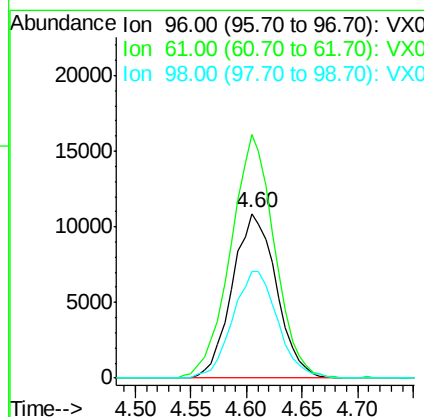
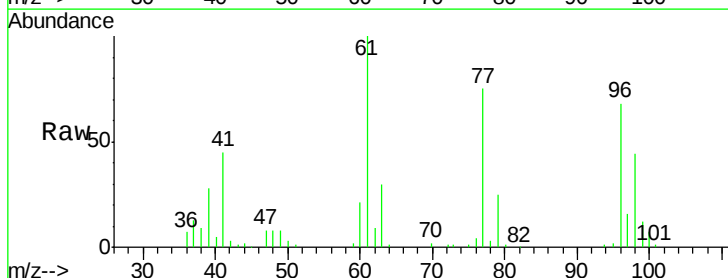
RT: 4.60 min Scan# 659

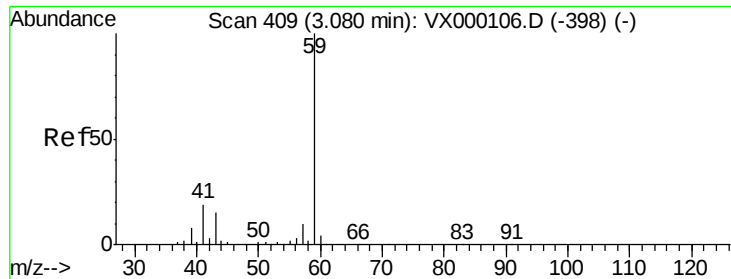
Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion:	96	Resp:	30062
Ion	Ratio	Lower	Upper
96	100		
61	146.9	113.5	170.3
98	65.6	51.8	77.8





#23

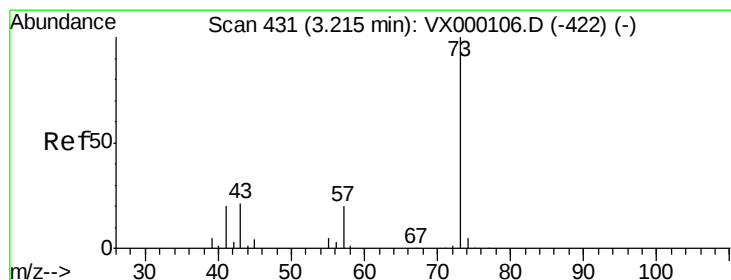
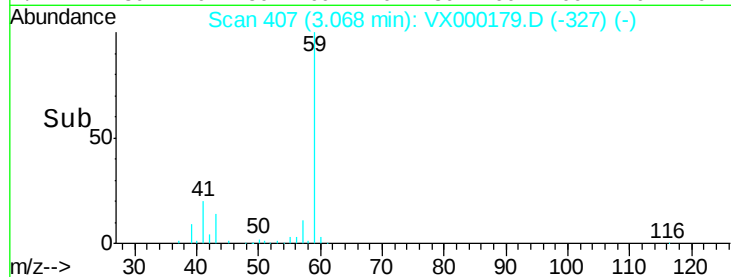
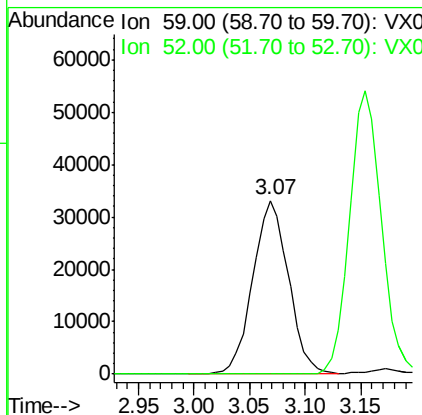
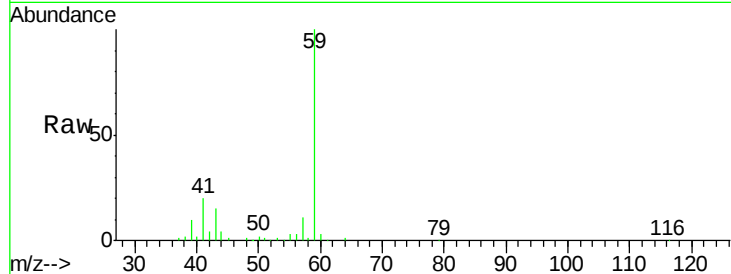
tert-Butyl Alcohol
 Concen: 91.99 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 59 Resp: 74200
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

Manual Integrations
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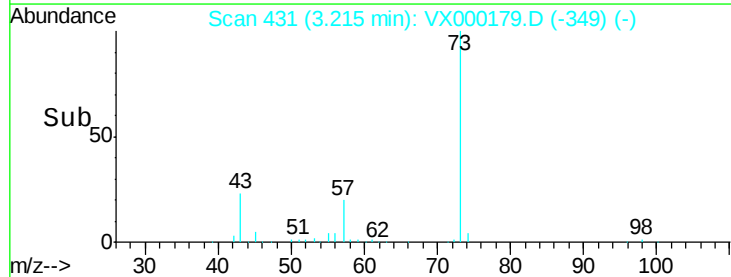
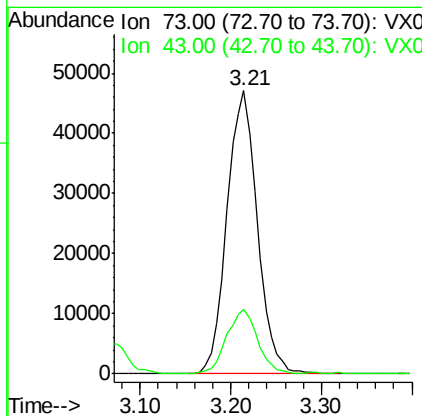
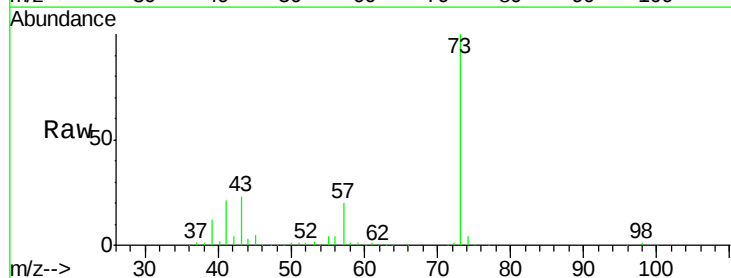
apatel
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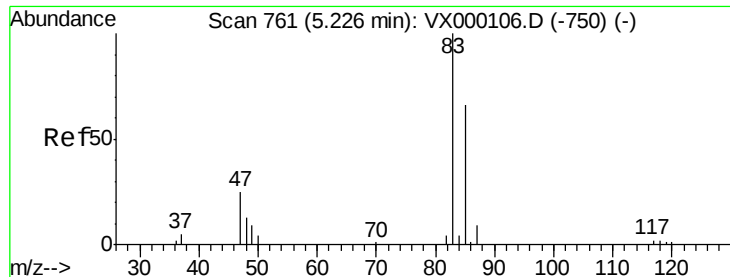


#24

Methyl tert-Butyl Ether
 Concen: 17.44 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion: 73 Resp: 109525
 Ion Ratio Lower Upper
 73 100
 43 22.6 16.5 24.7





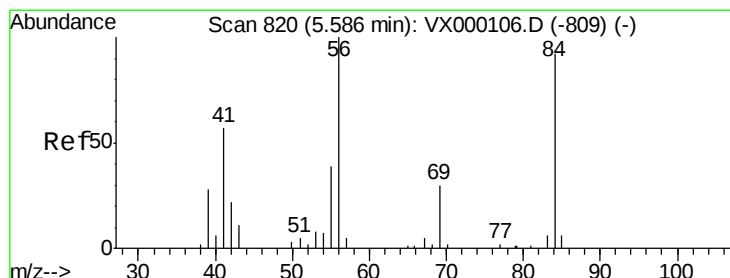
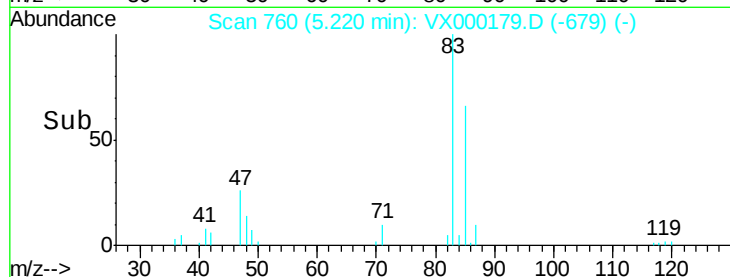
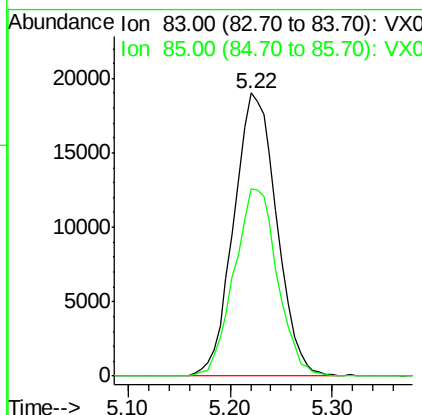
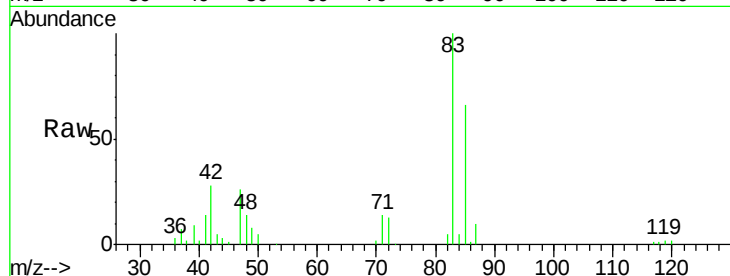
#25
Chloroform
Concen: 17.34 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 83 Resp: 55582
Ion Ratio Lower Upper
83 100
85 66.4 52.5 78.7

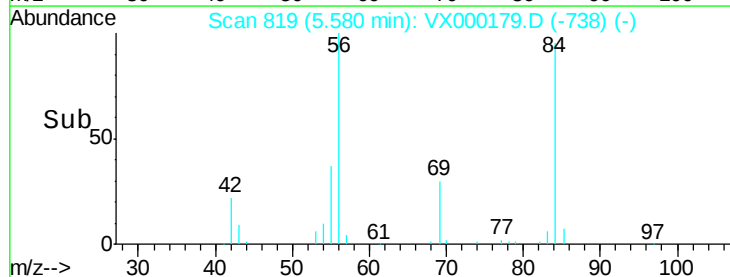
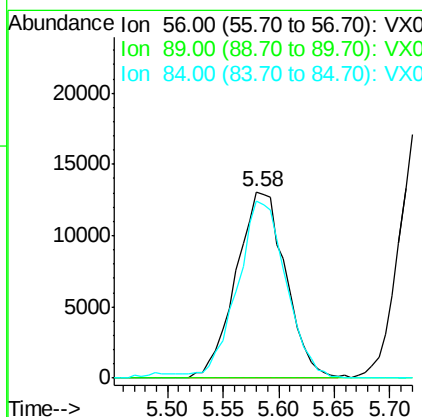
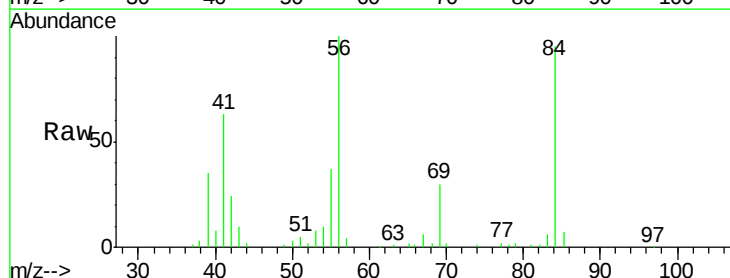
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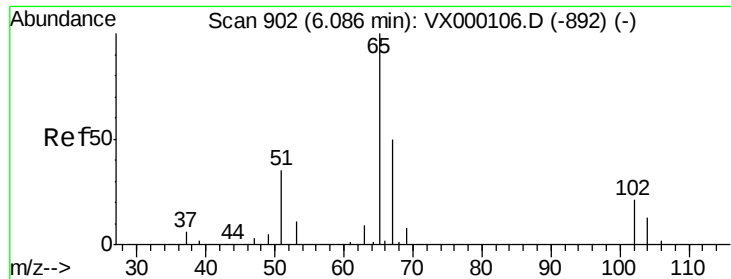
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#26
Cyclohexane
Concen: 15.96 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 56 Resp: 40470
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.9 74.8 112.2





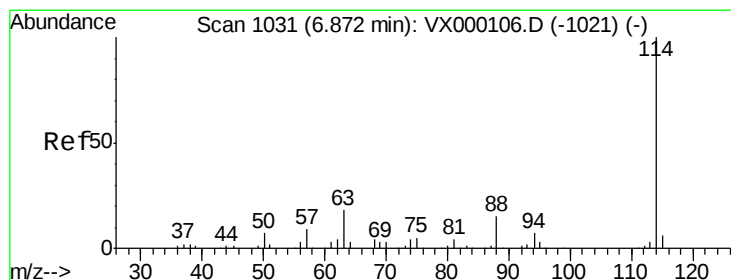
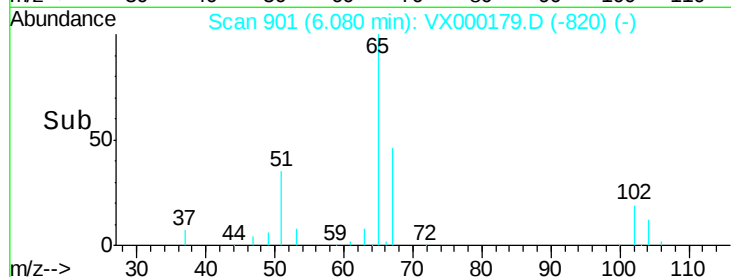
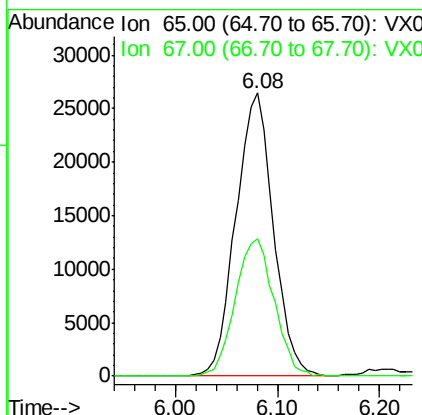
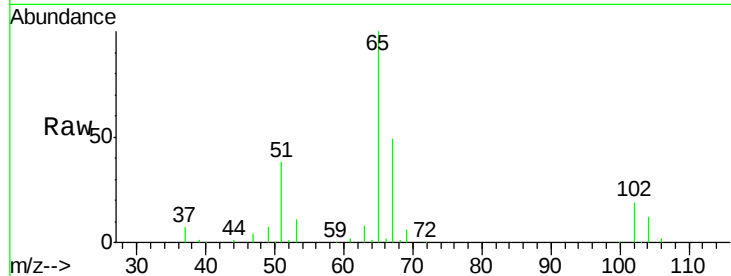
#27
 1,2-Dichloroethane-d4
 Concen: 31.99 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion: 65 Resp: 67517
 Ion Ratio Lower Upper
 65 100
 67 50.1 41.4 62.2

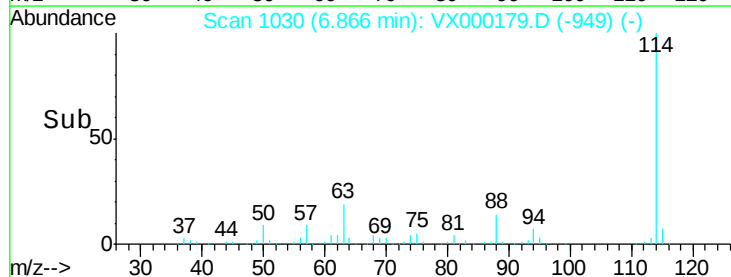
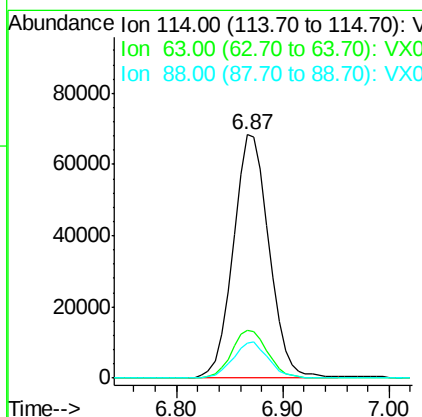
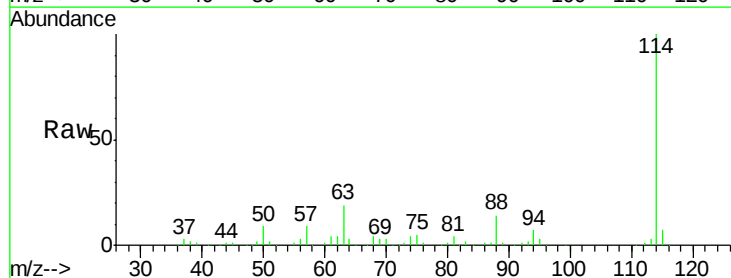
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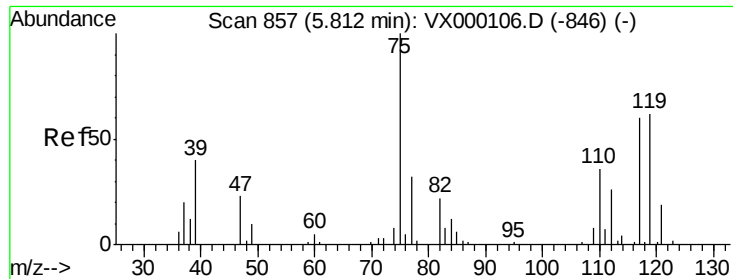
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion: 114 Resp: 161755
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.0 22.4
 88 14.7 11.8 17.8





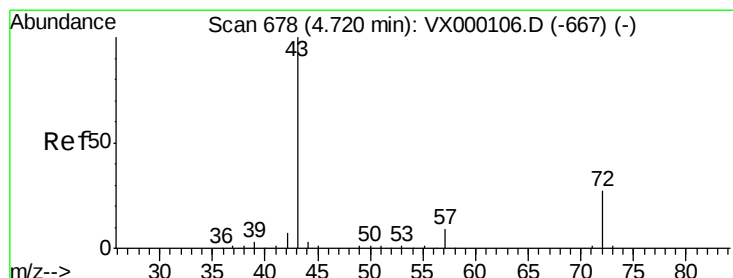
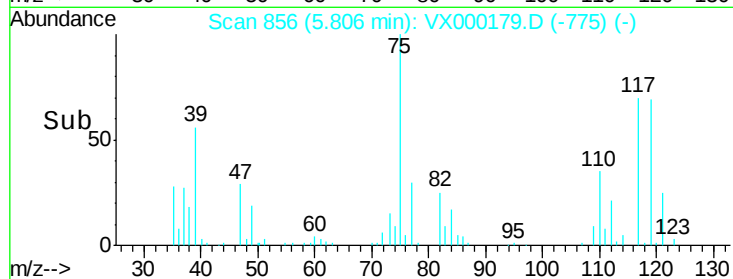
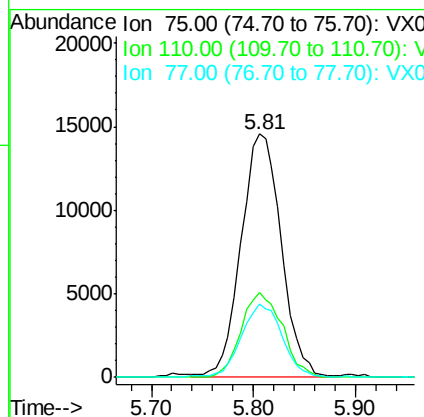
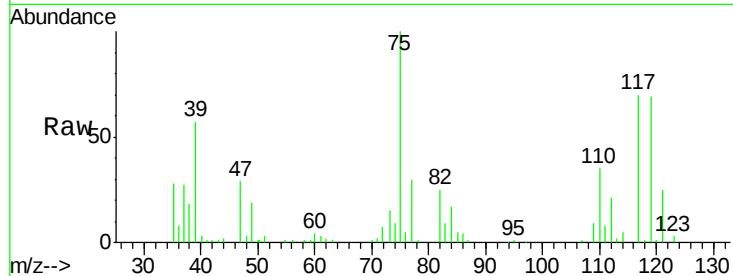
#29
 1,1-Dichloropropene
 Concen: 16.98 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	75.6
77	30.3	0.0	62.6

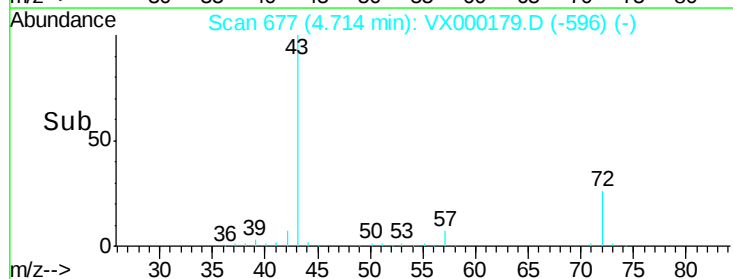
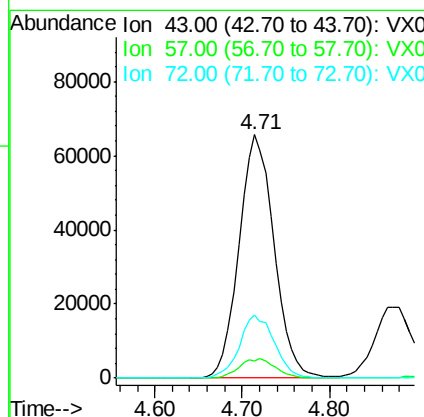
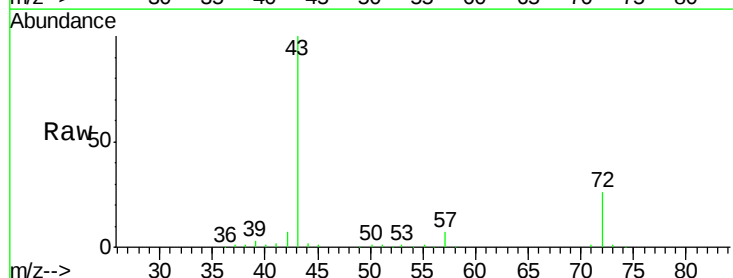
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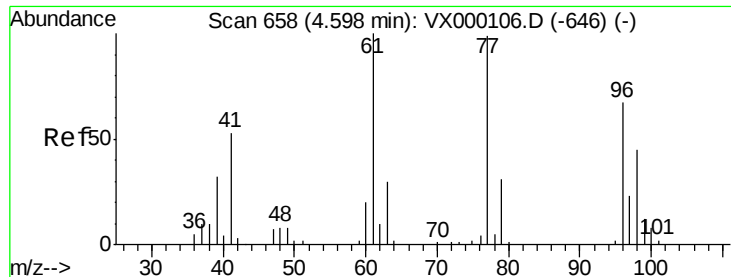
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#30
 2-Butanone
 Concen: 100.87 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	25.7	21.8	32.6





#31

2,2-Dichloropropane

Concen: 17.28 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 77 Resp: 43775

Ion Ratio Lower Upper

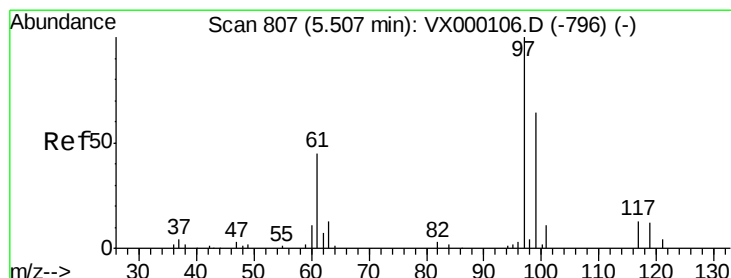
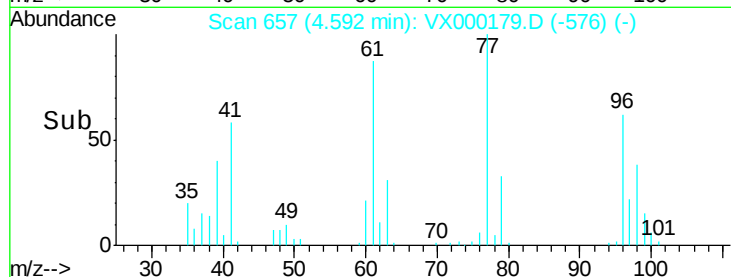
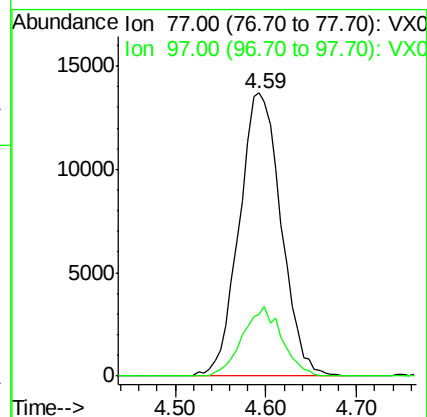
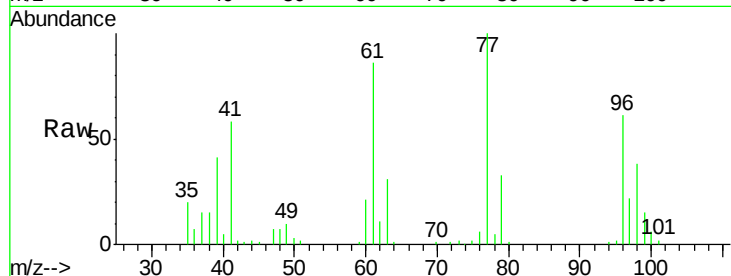
77 100

97 23.1 18.6 27.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.75 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

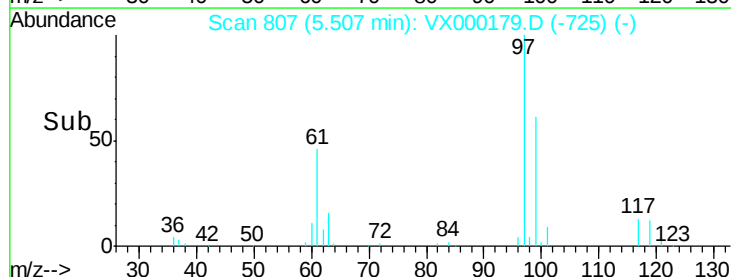
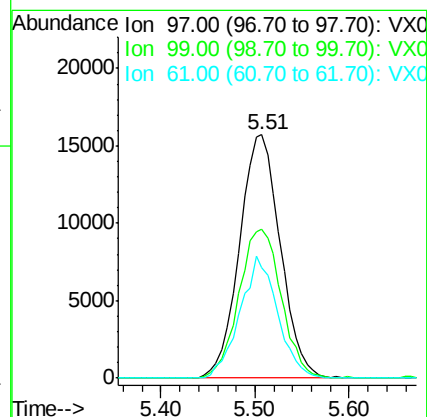
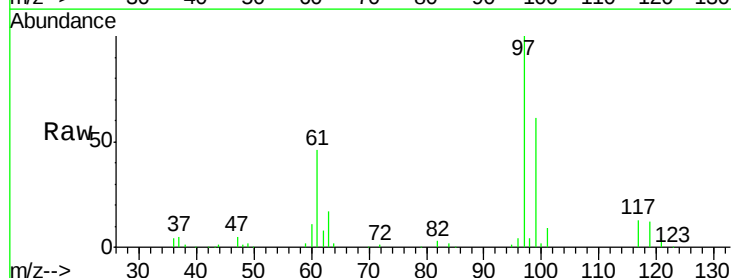
Tgt Ion: 97 Resp: 47735

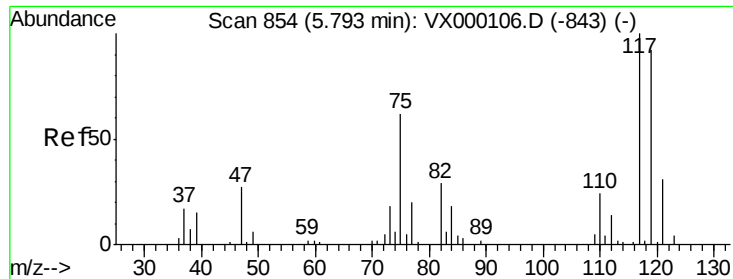
Ion Ratio Lower Upper

97 100

99 63.4 52.3 78.5

61 46.0 34.3 51.5





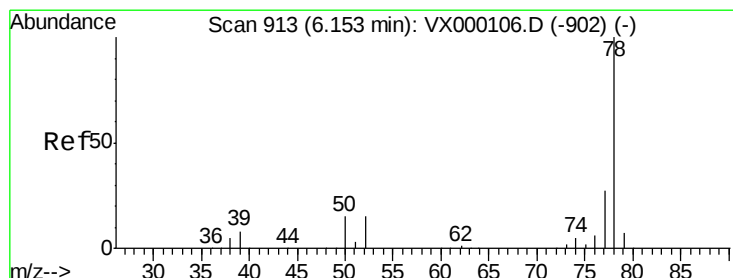
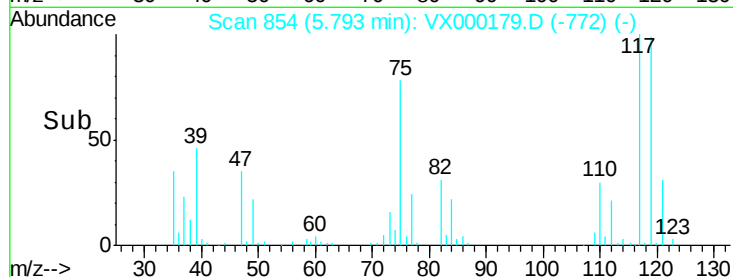
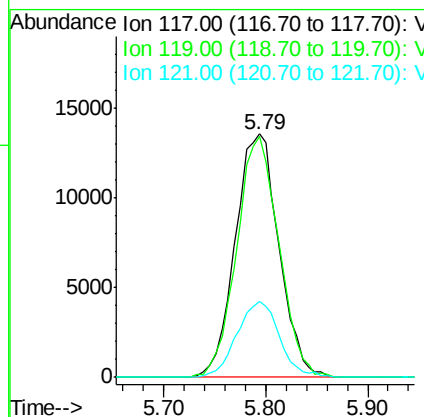
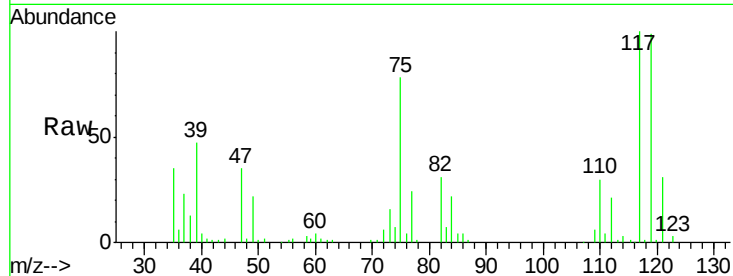
#33
Carbon Tetrachloride
Concen: 15.90 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion:117 Resp: 40231
Ion Ratio Lower Upper
117 100
119 98.8 73.5 110.3
121 31.3 24.6 37.0

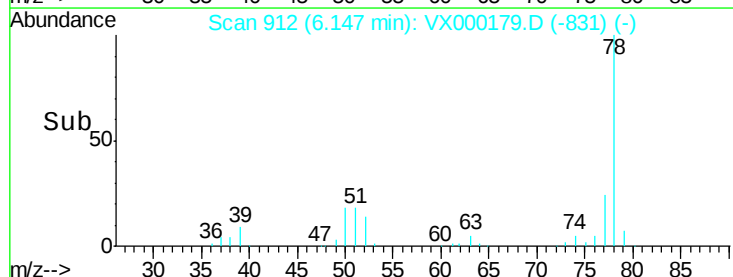
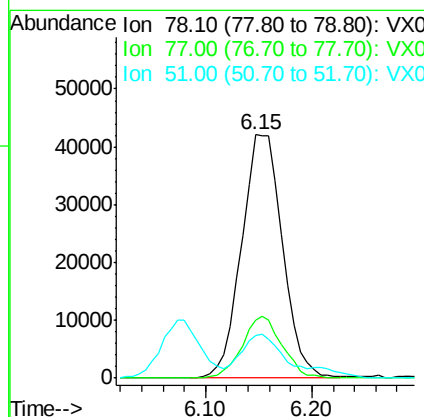
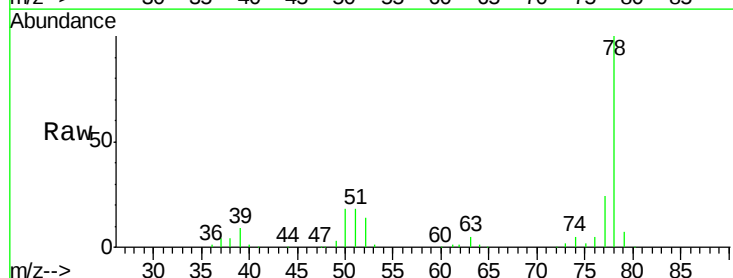
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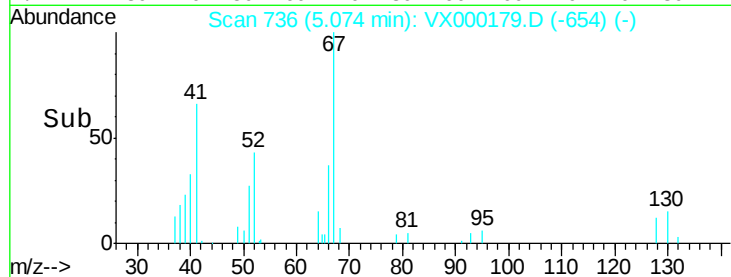
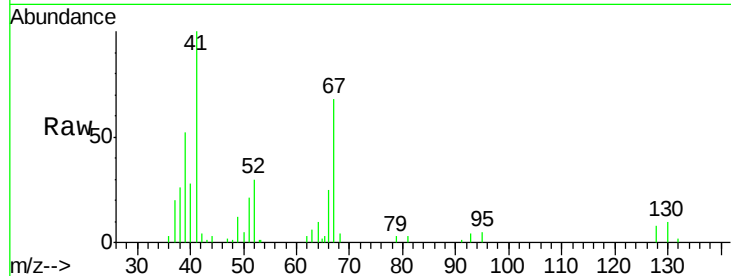
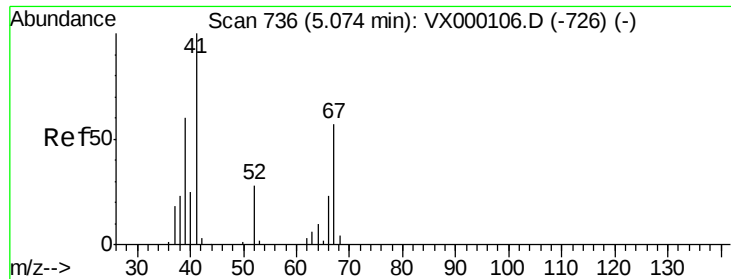
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#34
Benzene
Concen: 16.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 78 Resp: 114089
Ion Ratio Lower Upper
78 100
77 24.0 21.7 32.5
51 15.5 14.9 22.3





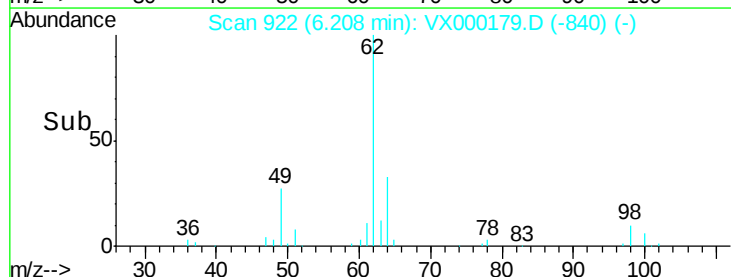
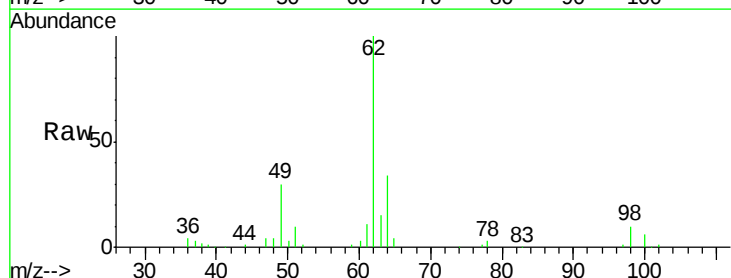
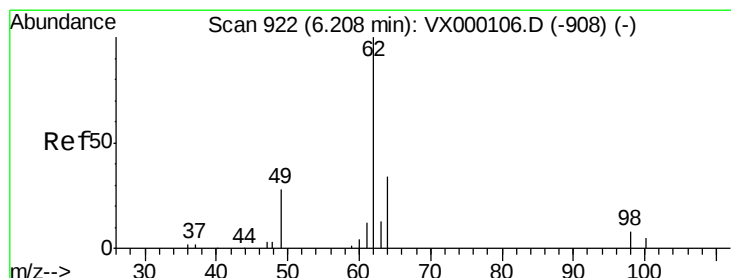
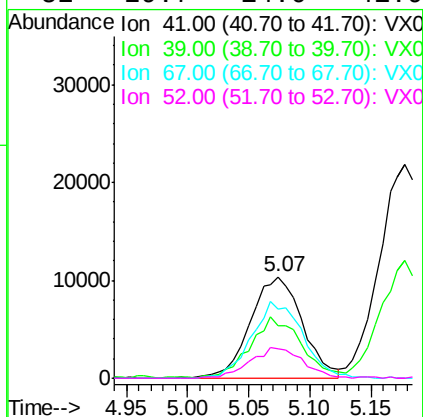
#35
Methacrylonitrile
Concen: 18.12 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.4	29.8	89.3		
67	68.9	28.7	86.3		
52	29.7	14.0	41.9		

Instrument :
ClientSampled :
VSTDCCC020

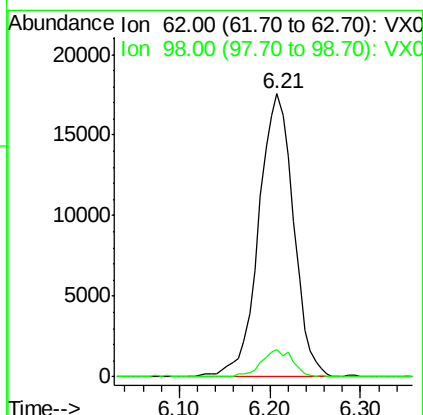
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#36
1,2-Dichloroethane
Concen: 18.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.6	6.9	10.3		





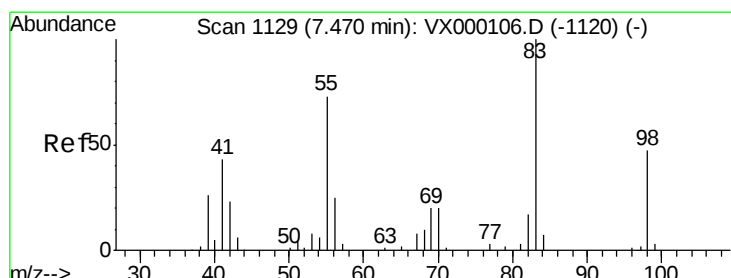
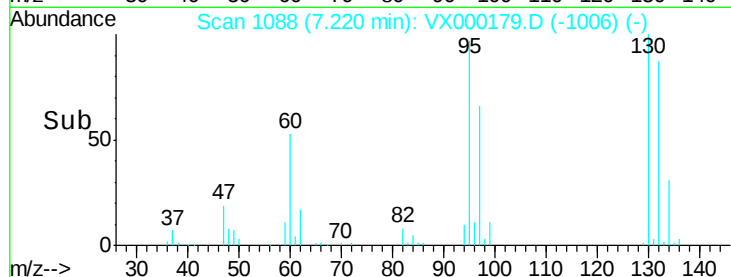
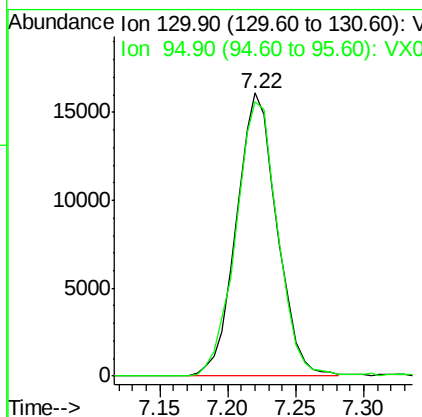
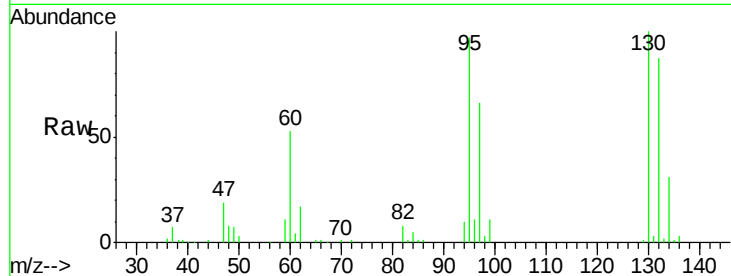
#37
 Trichloroethene
 Concen: 16.77 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion:130 Resp: 33590
 Ion Ratio Lower Upper
 130 100
 95 96.8 74.6 112.0

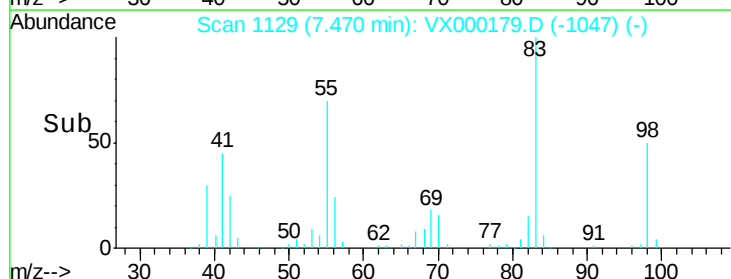
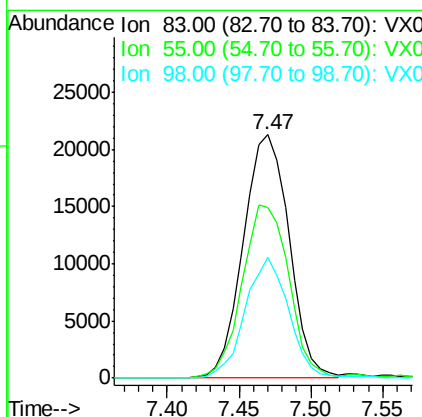
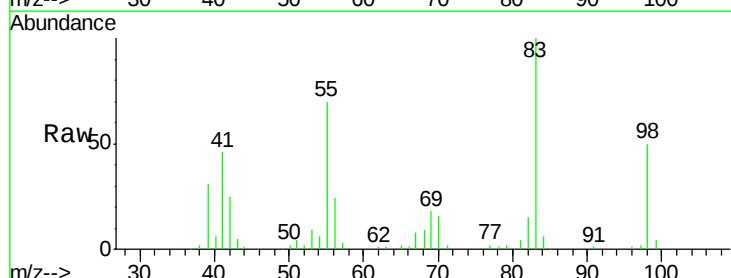
Manual Integrations
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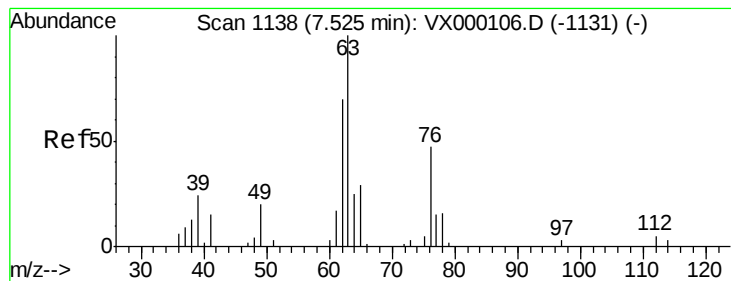
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#38
 Methylcyclohexane
 Concen: 16.67 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion: 83 Resp: 47064
 Ion Ratio Lower Upper
 83 100
 55 72.3 35.9 107.7
 98 46.9 24.6 74.0





#39

1,2-Dichloropropane

Concen: 18.19 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 63 Resp: 30786

Ion Ratio Lower Upper

63 100

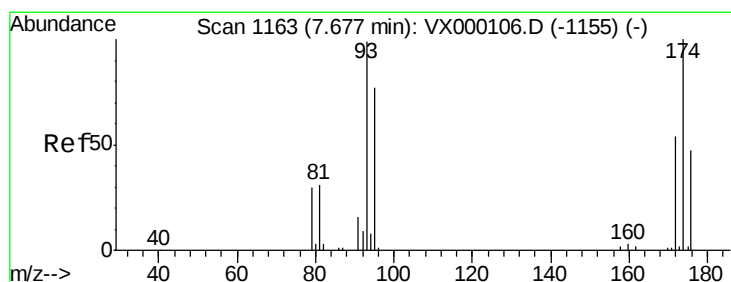
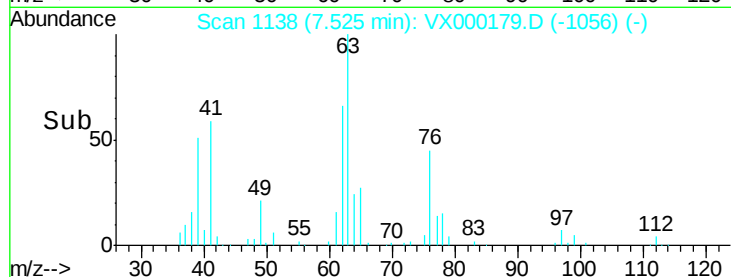
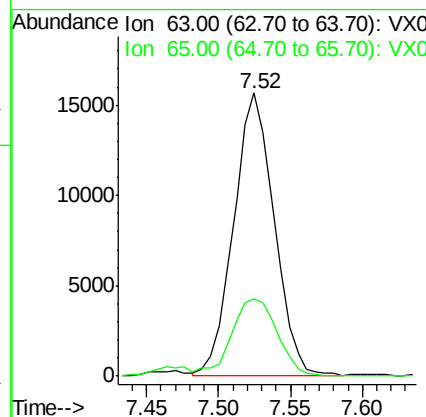
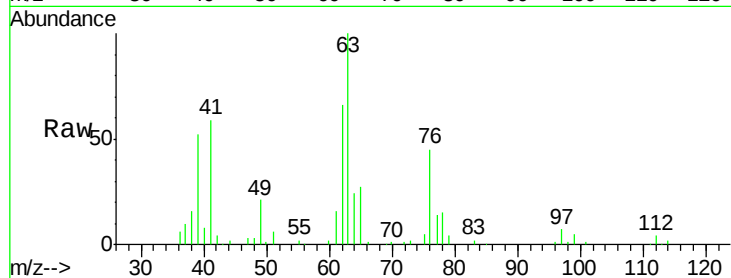
65 27.5 25.0 37.6

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#40

Dibromomethane

Concen: 18.08 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

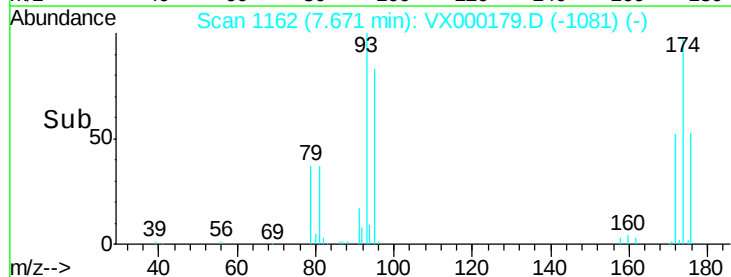
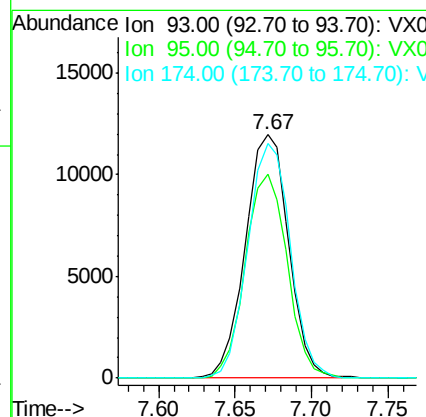
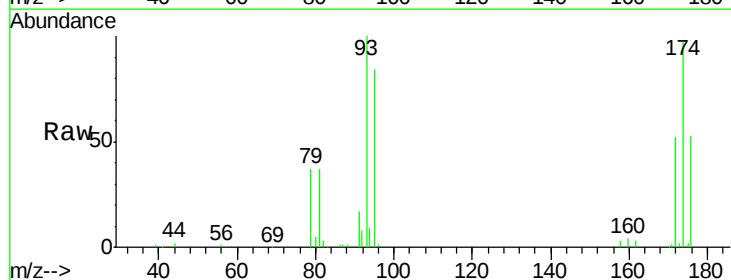
Tgt Ion: 93 Resp: 23577

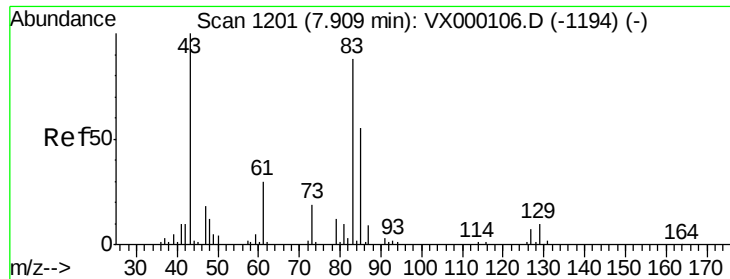
Ion Ratio Lower Upper

93 100

95 81.5 0.0 170.6

174 94.7 0.0 210.4





#41

Bromodichloromethane

Concen: 17.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

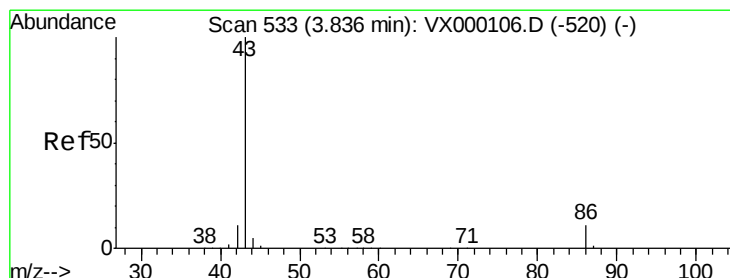
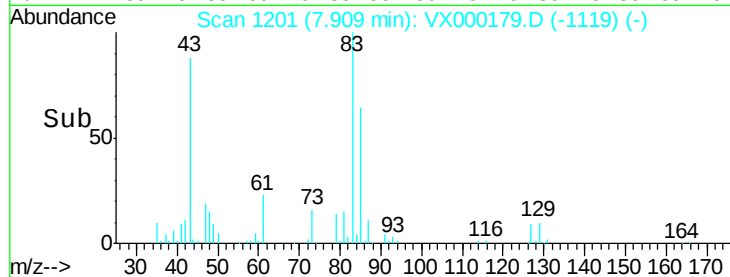
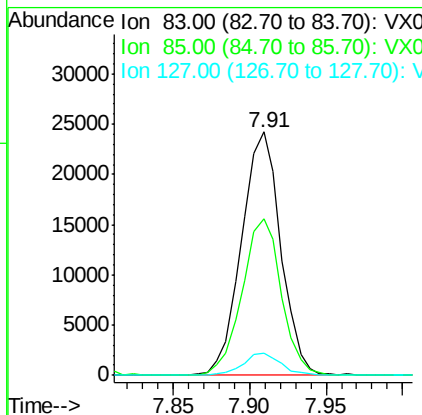
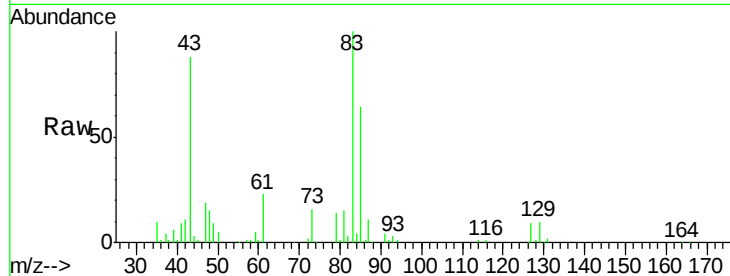
ClientSampled :

VSTDCCC020

Tot Ion	83	Resp	43080
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.0	75.0
127	8.9	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 105.10 ug/l

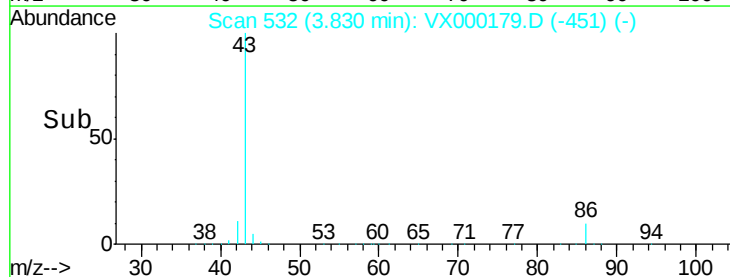
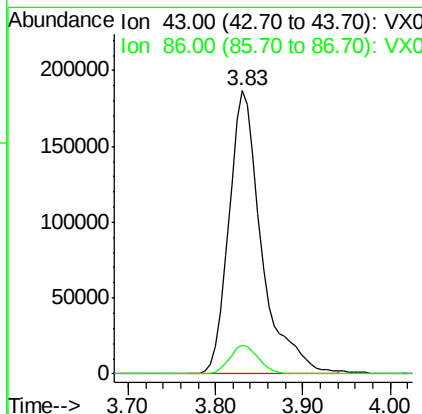
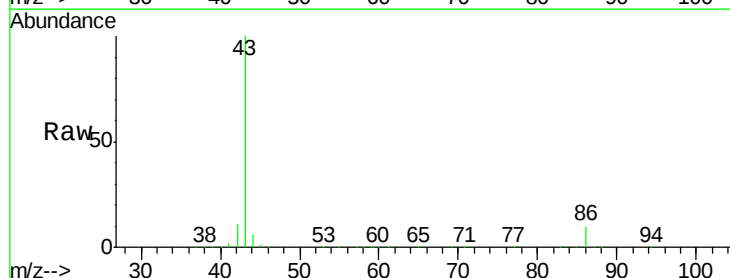
RT: 3.83 min Scan# 532

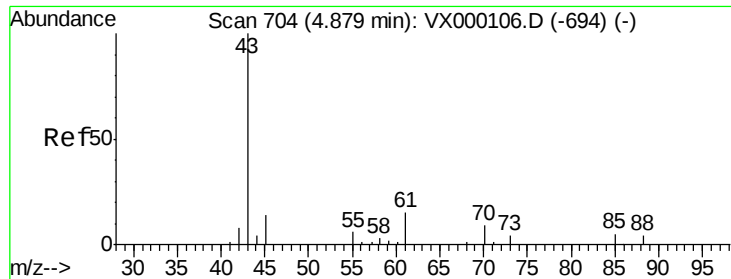
Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion	43	Resp	485720
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.8	11.6





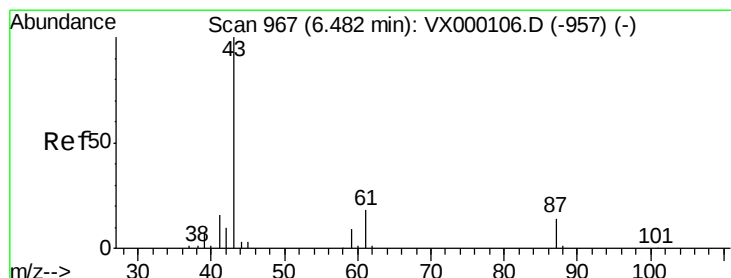
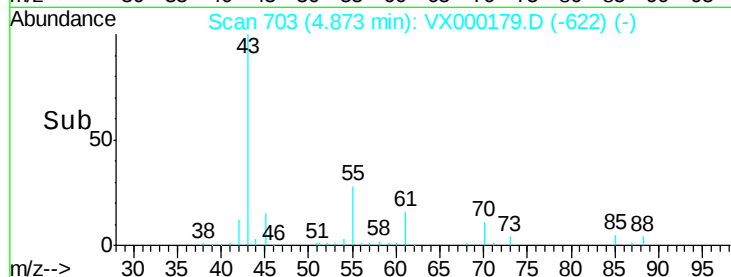
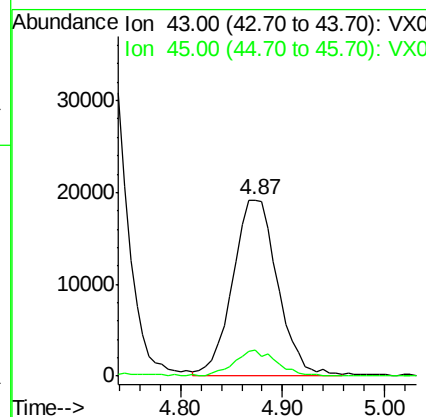
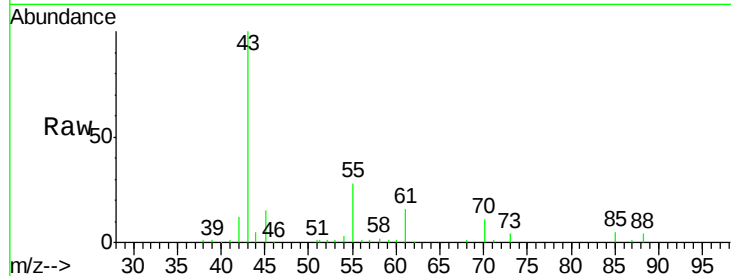
#43
Ethyl Acetate
Concen: 18.34 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 58424
Ion Ratio Lower Upper
43 100
45 14.0 11.4 17.0

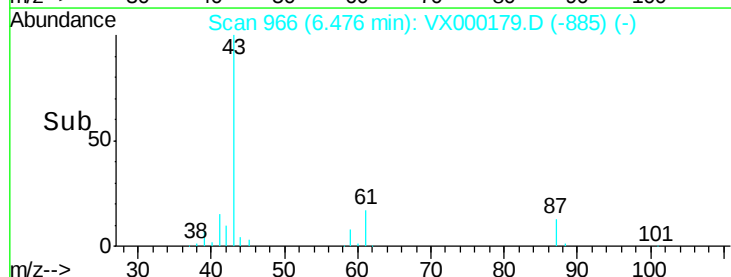
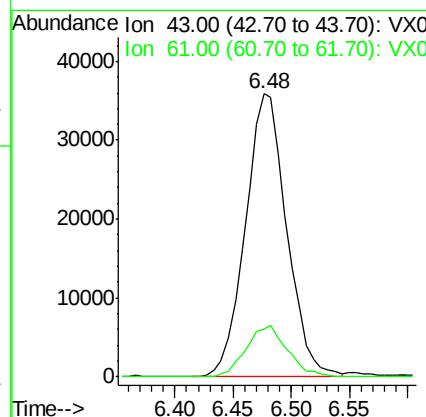
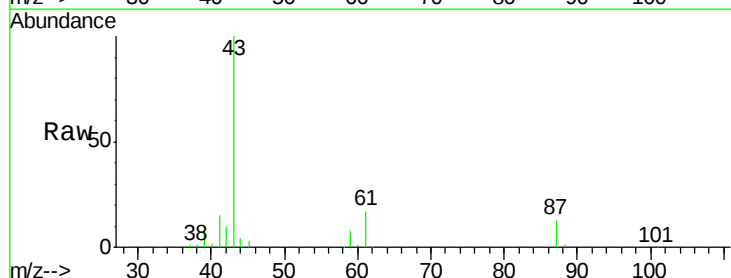
Manual Integrations
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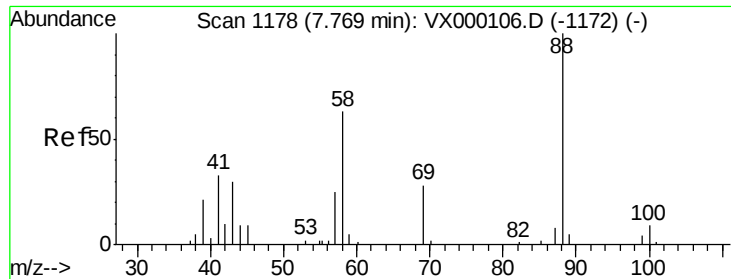
apatel
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#44
Isopropyl Acetate
Concen: 18.95 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 43 Resp: 88537
Ion Ratio Lower Upper
43 100
61 18.2 15.7 23.5





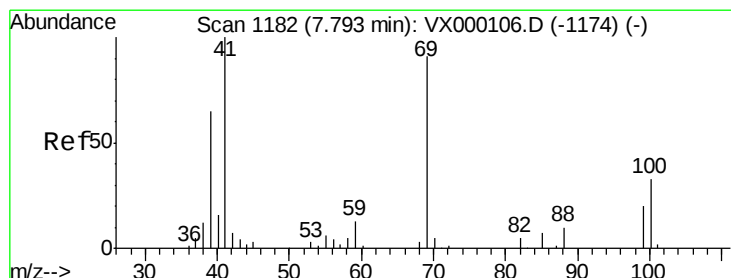
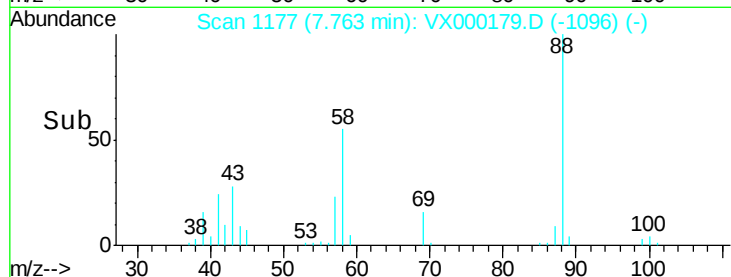
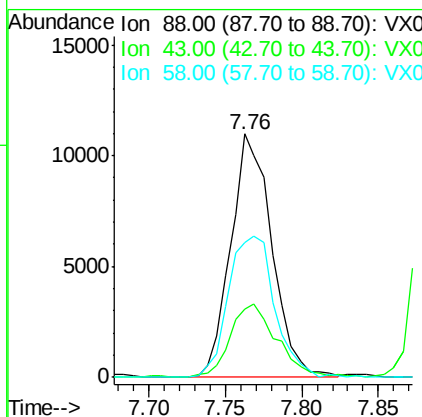
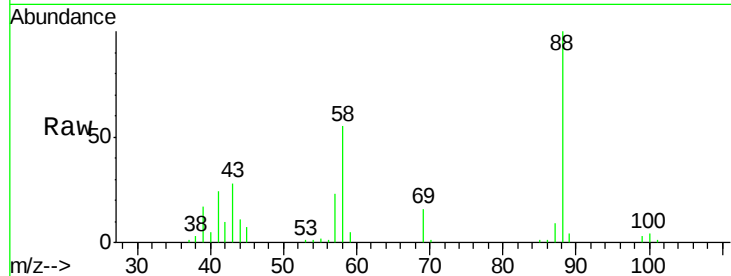
#45
1,4-Dioxane
Concen: 349.32 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.8	40.2
58	64.7	52.1	78.1

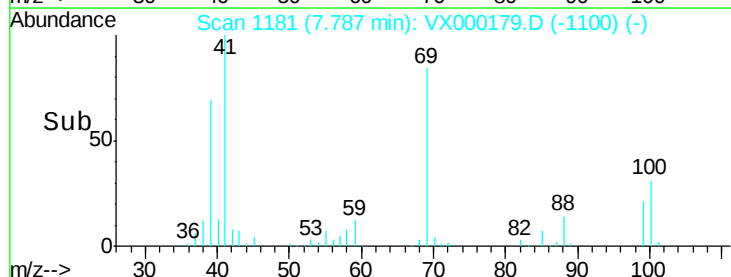
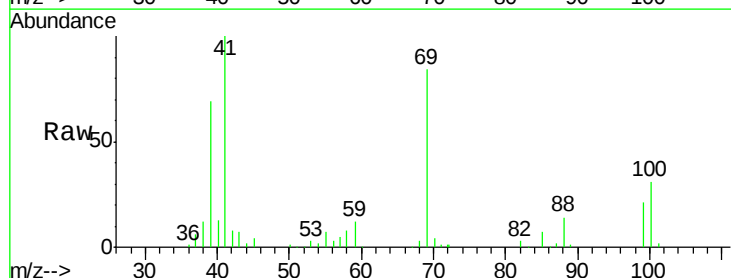
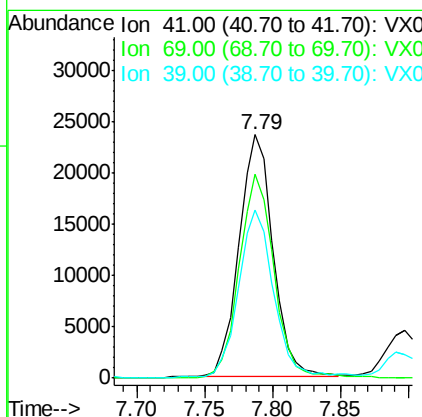
Manual Integrations
APPROVED

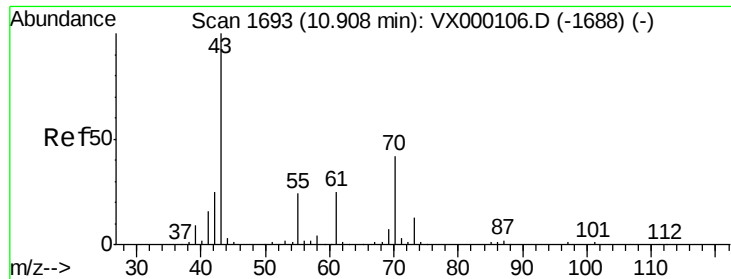
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#46
Methyl methacrylate
Concen: 18.22 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.1	45.5	136.5
39	68.8	32.5	97.5





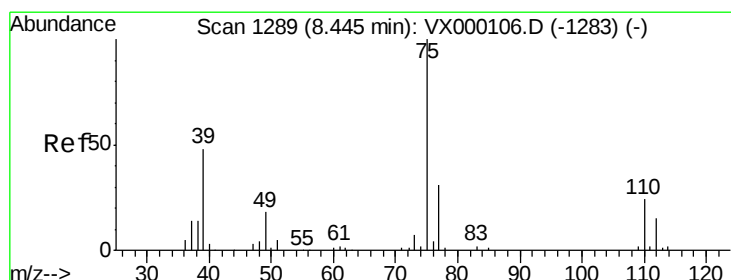
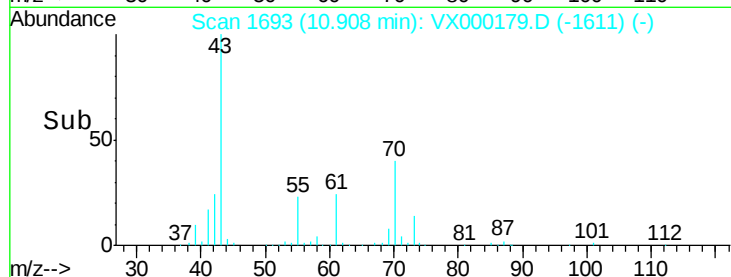
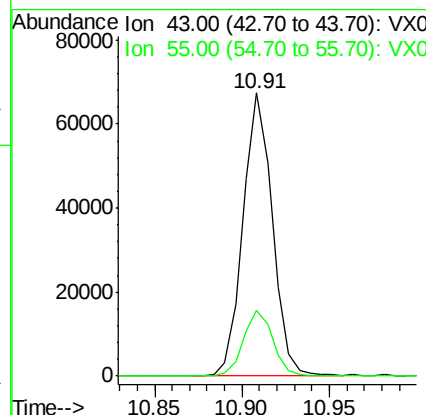
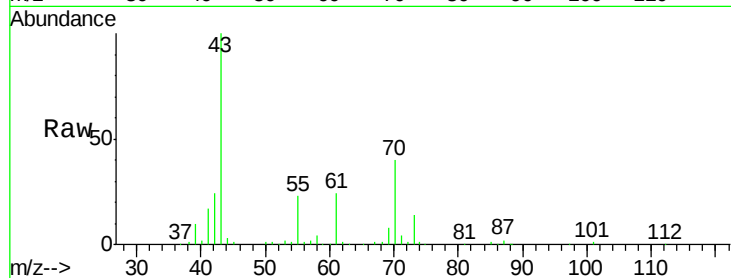
#47
n-amvl Acetate
Concen: 19.35 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 78923
Ion Ratio Lower Upper
43 100
55 23.4 19.4 29.2

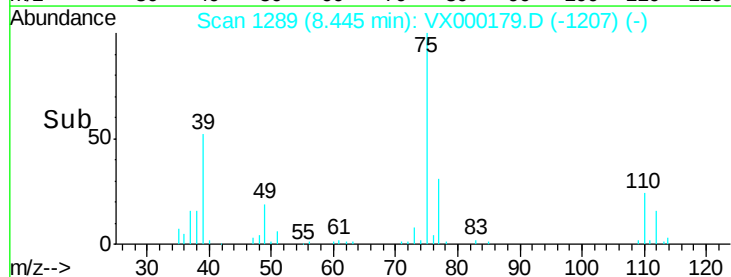
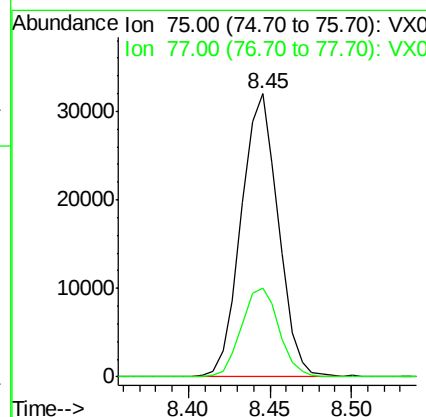
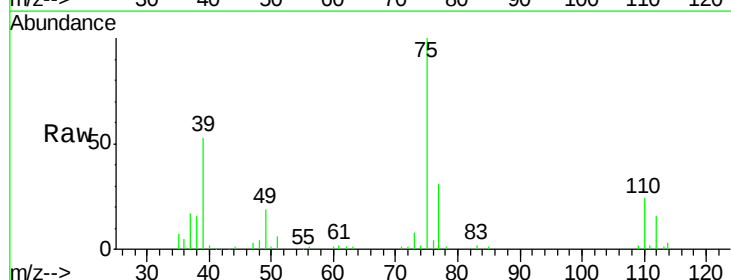
Manual Integrations
APPROVED

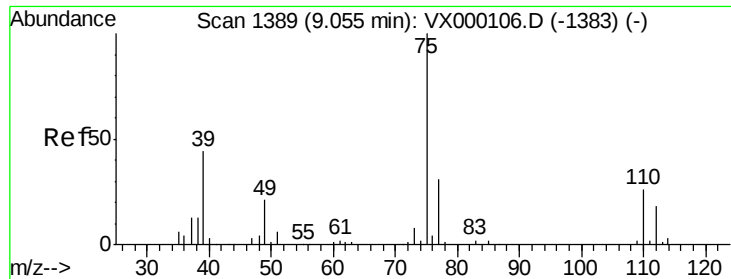
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#48
t-1,3-Dichloropropene
Concen: 17.60 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 75 Resp: 50770
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0





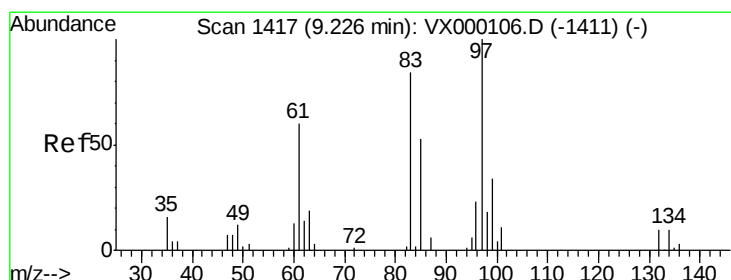
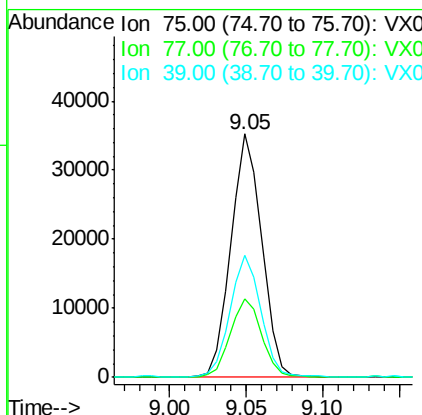
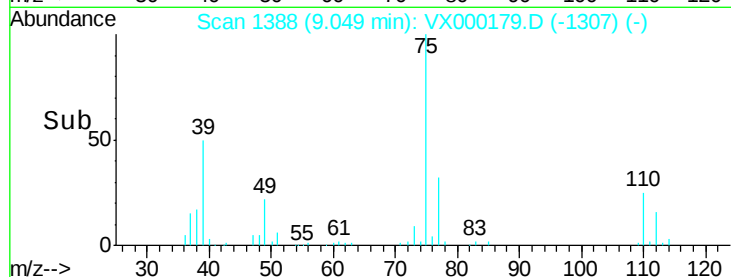
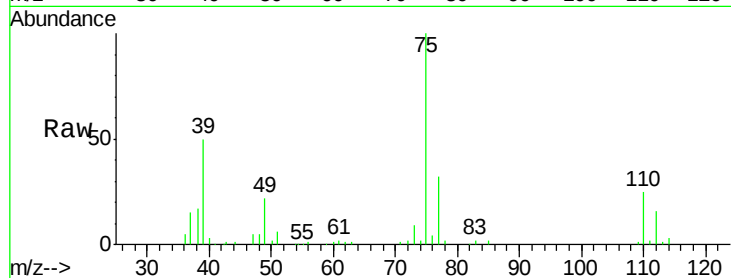
#49
 cis-1,3-Dichloropropene
 Concen: 17.61 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.5	36.7
39	49.9	35.6	53.4

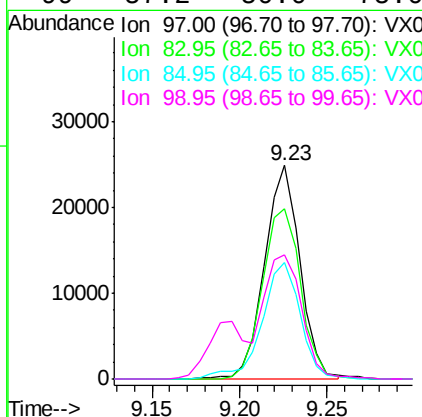
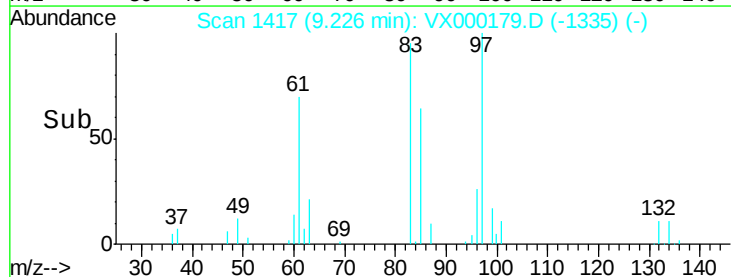
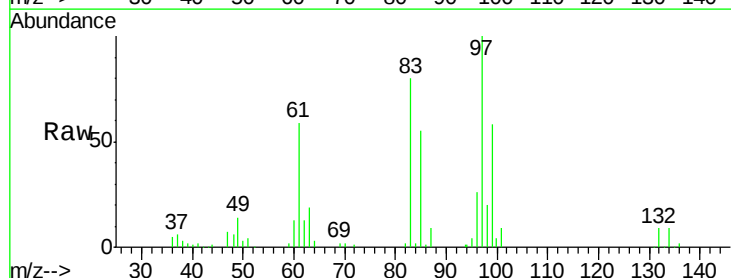
Manual Integrations
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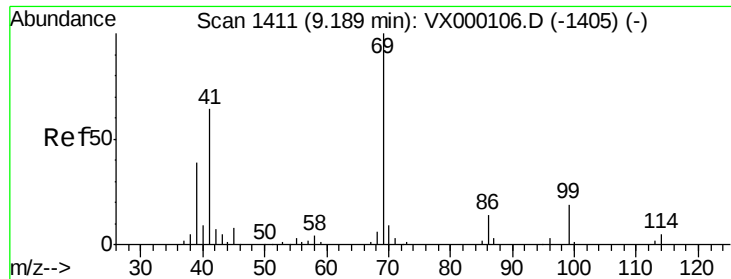
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#50
 1,1,2-Trichloroethane
 Concen: 18.34 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.0	66.9	100.3
85	54.6	44.4	66.6
99	57.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.15 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

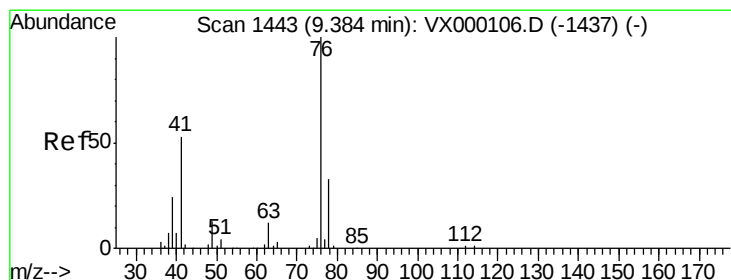
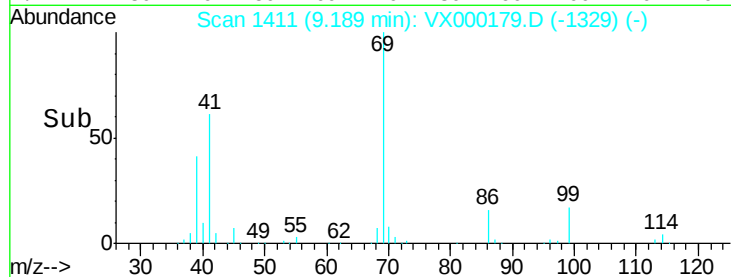
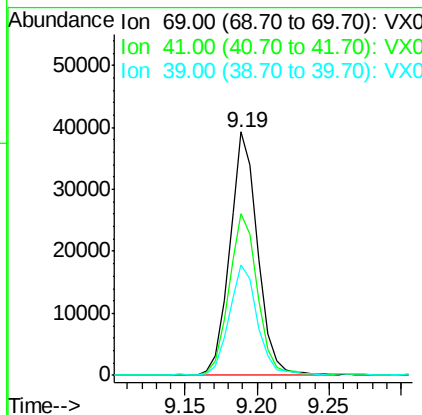
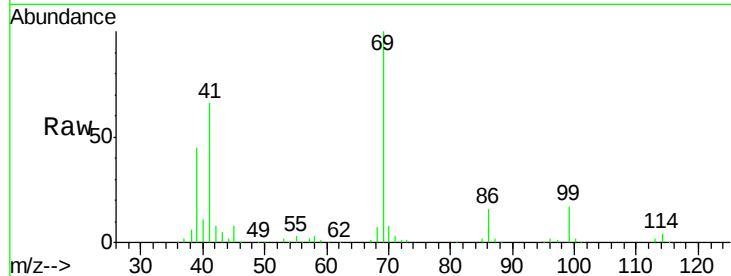
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	53234
Ion Ratio	Lower	Upper	
69	100		
41	66.3	32.1	96.3
39	44.9	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.39 ug/l

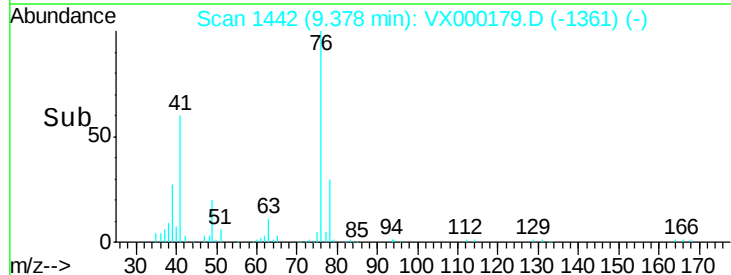
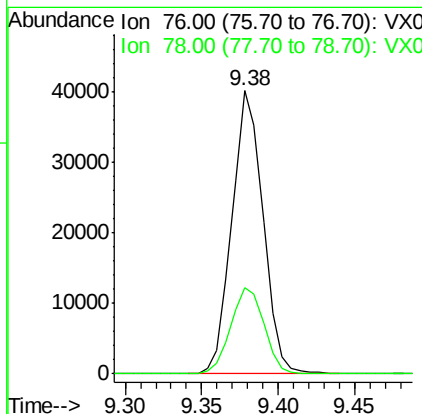
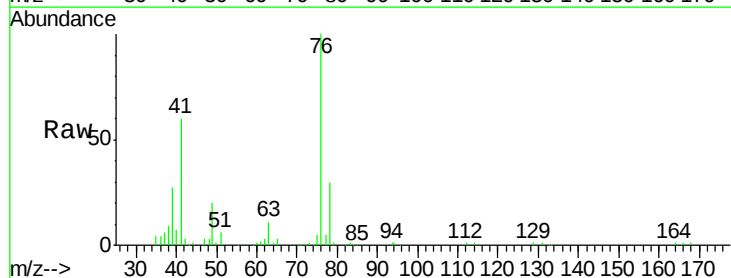
RT: 9.38 min Scan# 1442

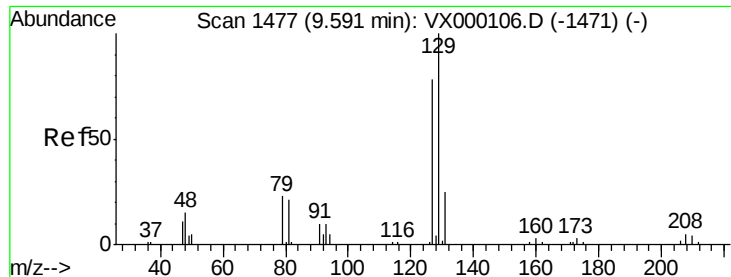
Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion:	76	Resp:	56457
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	65.0





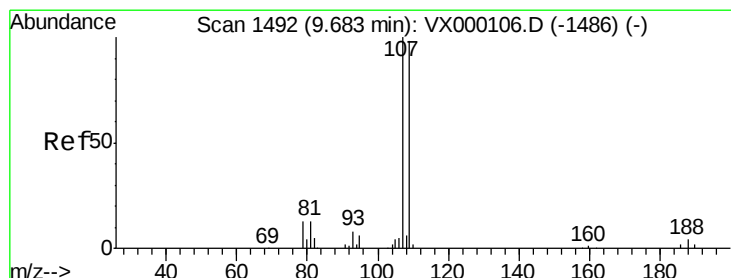
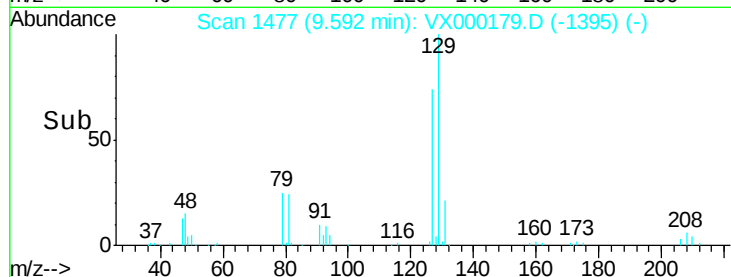
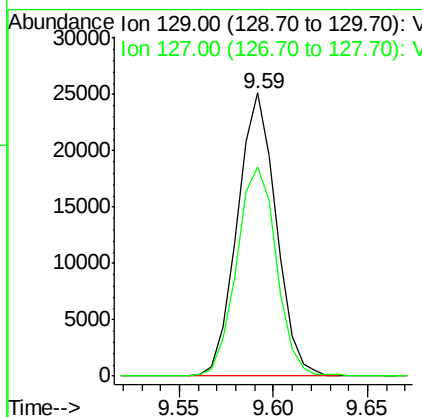
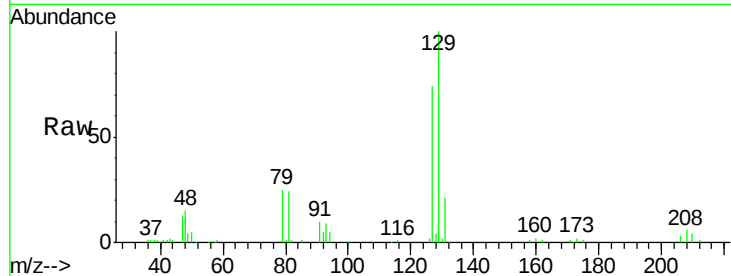
#53
 Dibromochloromethane
 Concen: 16.83 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion:129 Resp: 35857
 Ion Ratio Lower Upper
 129 100
 127 75.8 37.5 112.5

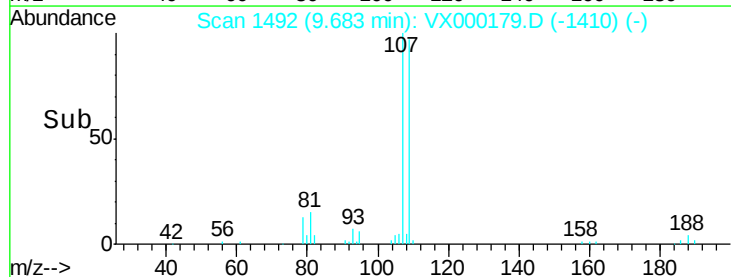
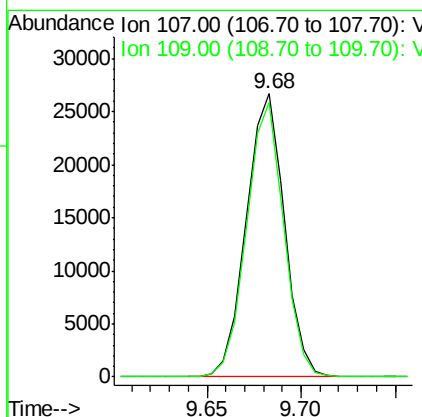
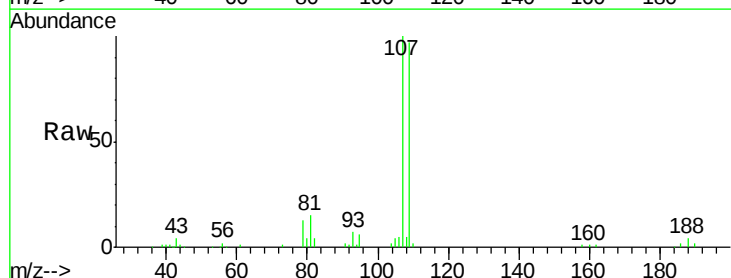
Manual Integrations
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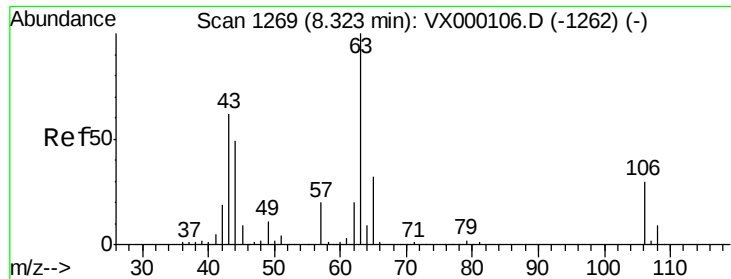
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#54
 1,2-Dibromoethane
 Concen: 17.52 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion:107 Resp: 37386
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.5 111.7





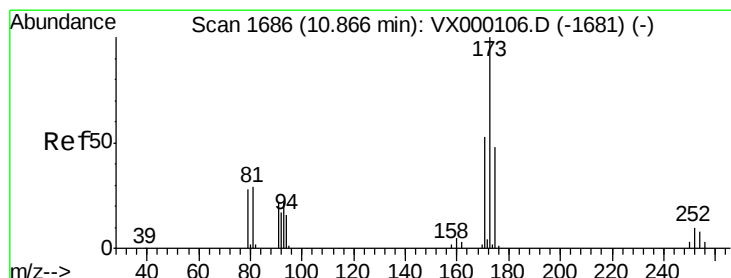
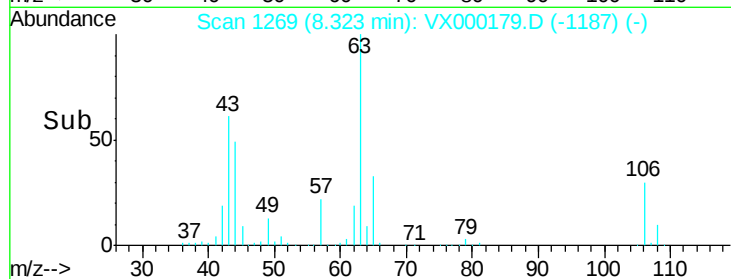
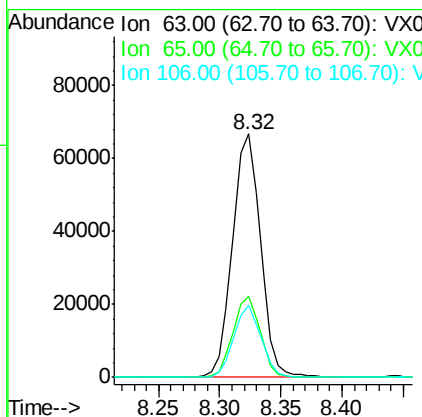
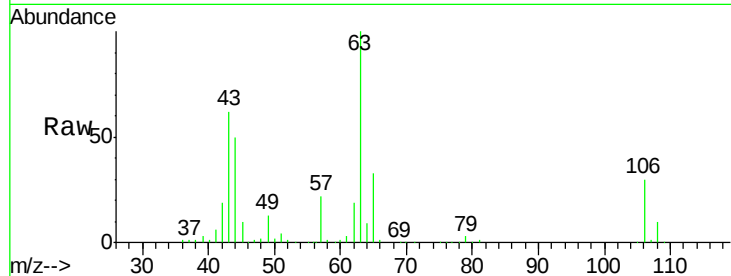
#55
2-Chloroethyl vinyl ether
Concen: 82.76 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	28.6	23.8	35.6

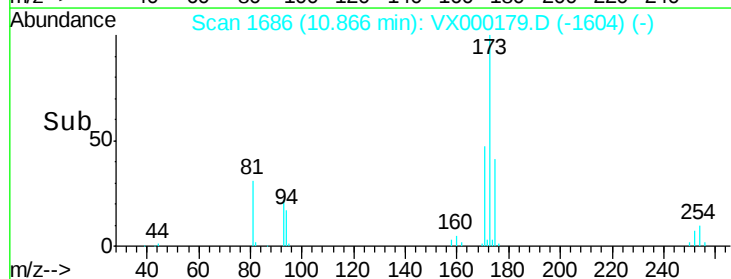
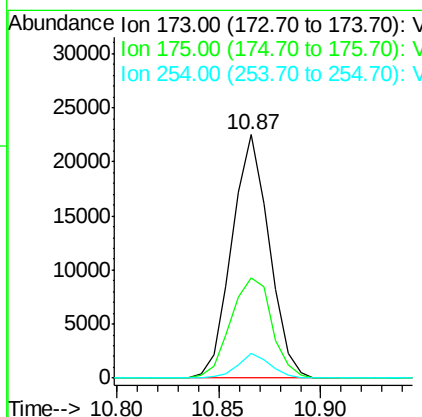
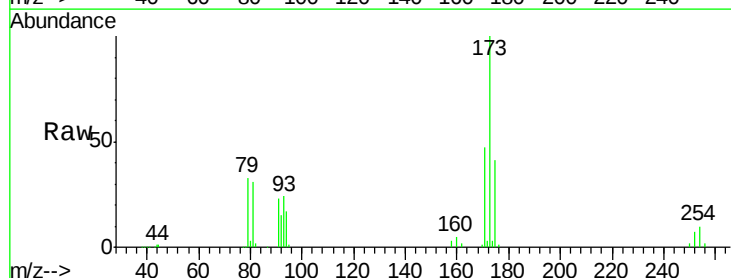
Manual Integrations
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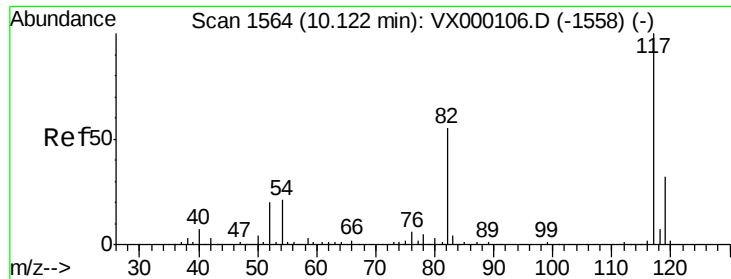
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#56
Bromoform
Concen: 16.52 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.6	39.0	58.4
254	8.9	7.0	10.4





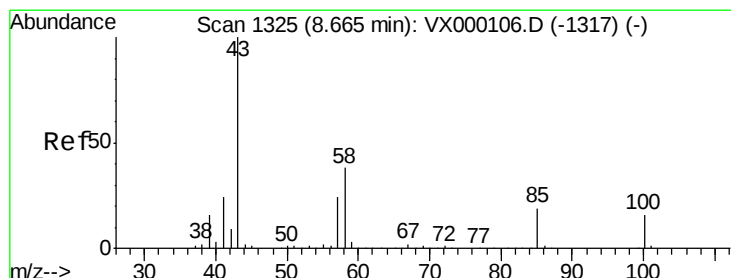
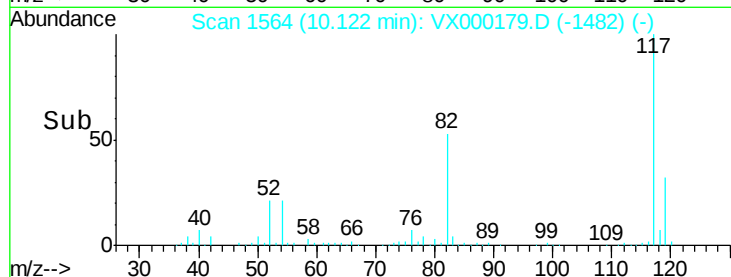
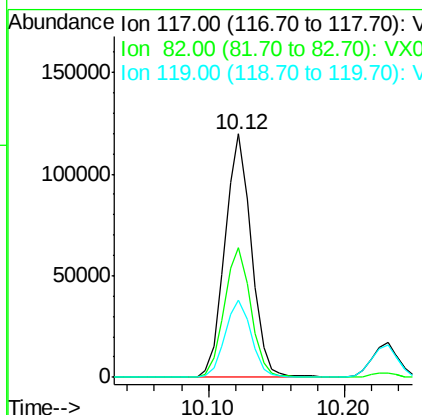
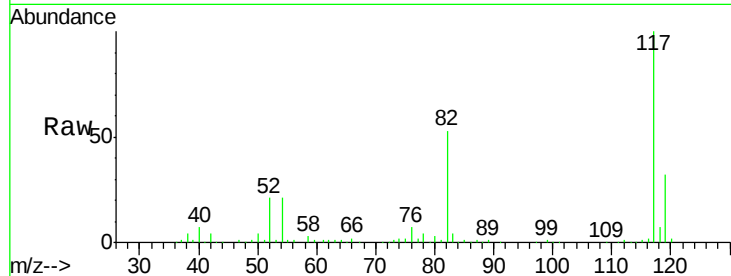
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.8	25.8	38.8

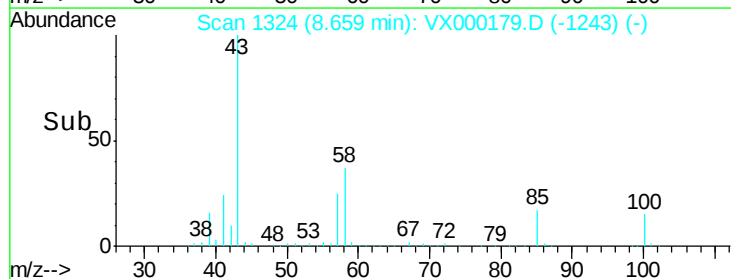
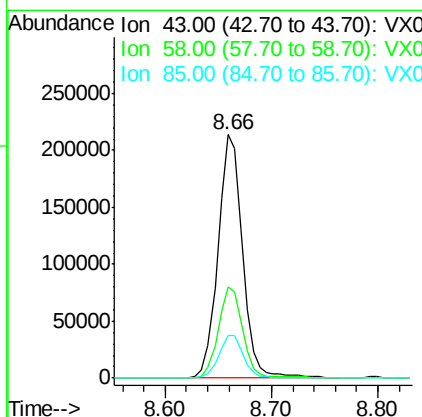
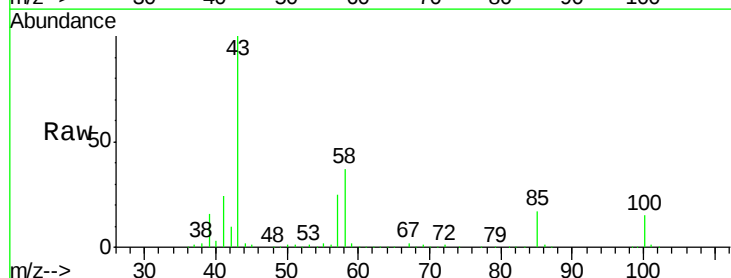
Manual Integrations
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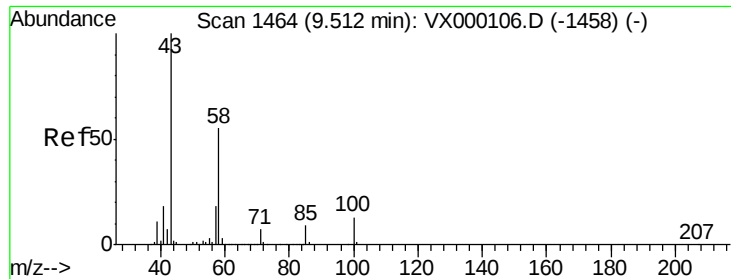
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#58
4-Methyl-2-Pentanone
Concen: 97.24 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.8	44.8
85	17.6	14.9	22.3





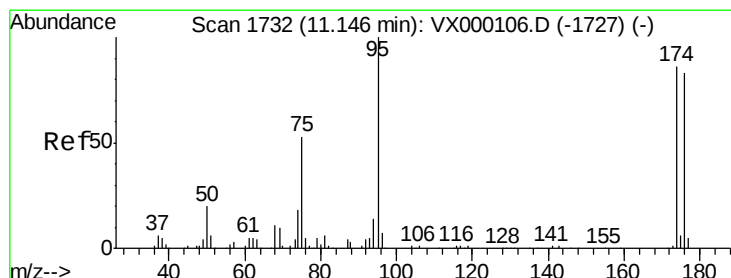
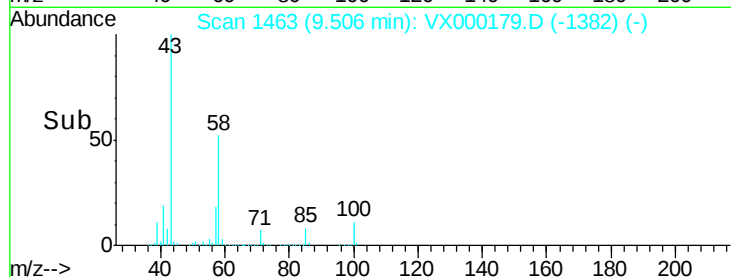
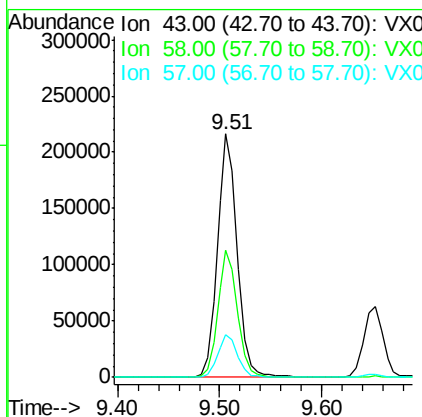
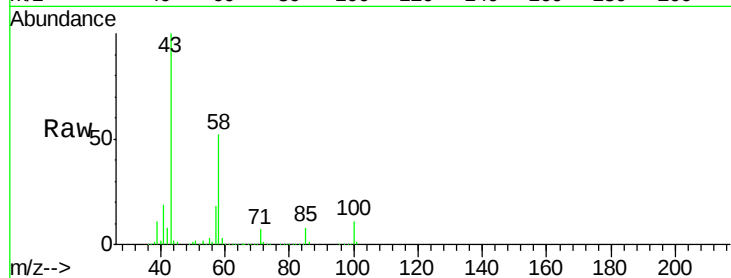
#59
2-Hexanone
Concen: 98.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100	293947		
58	51.6		43.0	64.6
57	17.8		14.4	21.6

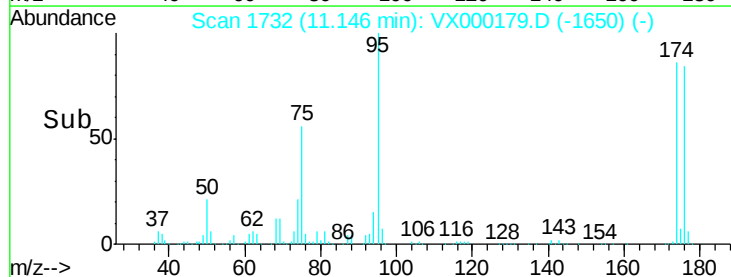
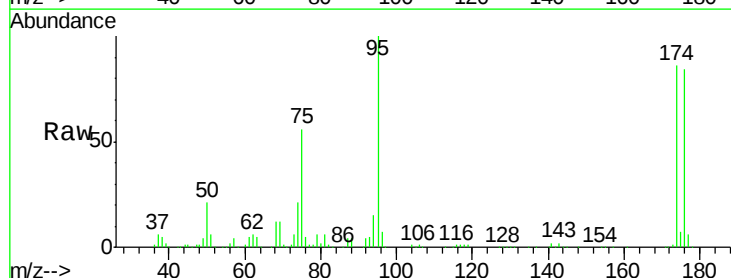
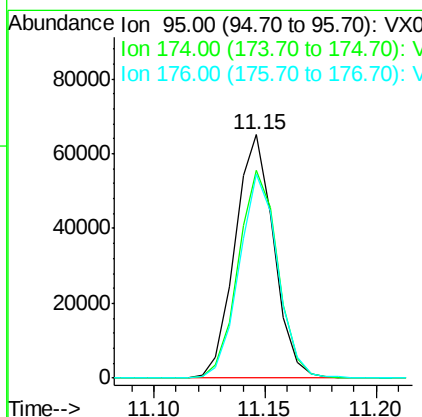
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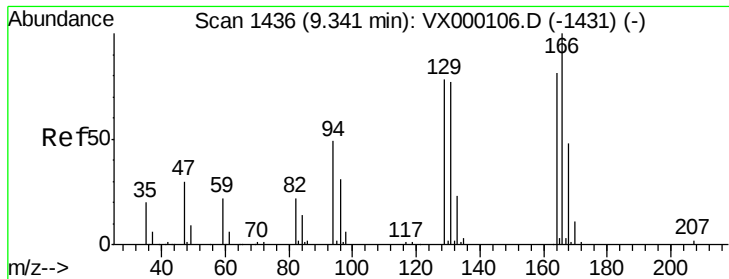
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#60
4-Bromofluorobenzene
Concen: 30.03 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	79094		
174	86.8		71.1	106.7
176	83.7		69.3	103.9





#61

Tetrachloroethene

Concen: 15.63 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

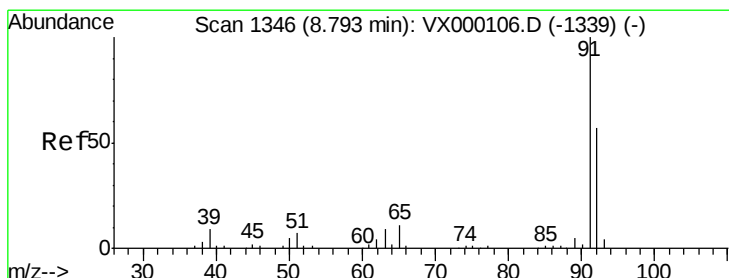
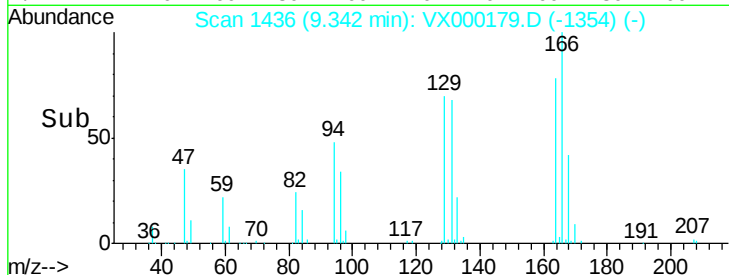
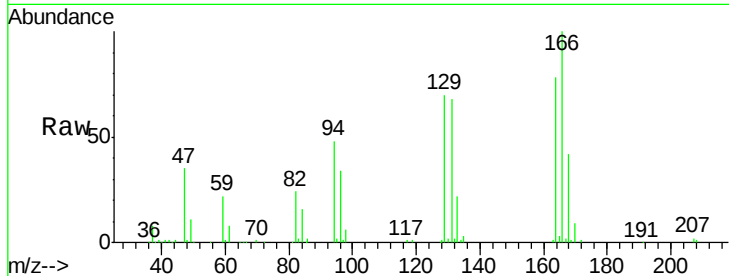
ClientSampled :

VSTDCCC020

Tot Ion:	164	Resp:	30553
Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.0	148.4
129	89.7	77.0	115.6
131	86.5	75.8	113.6

Manual Integrations
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#62

Toluene

Concen: 16.84 ug/l

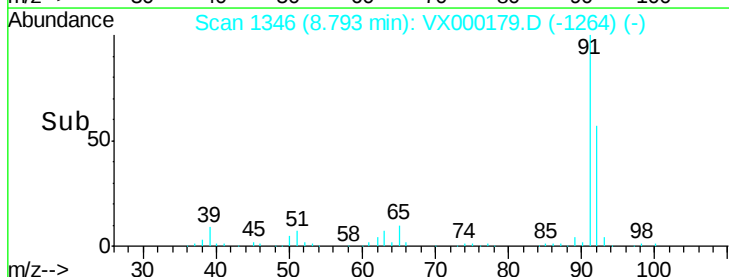
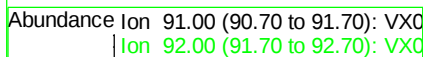
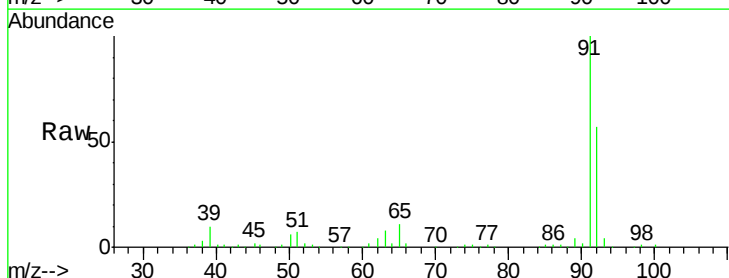
RT: 8.79 min Scan# 1346

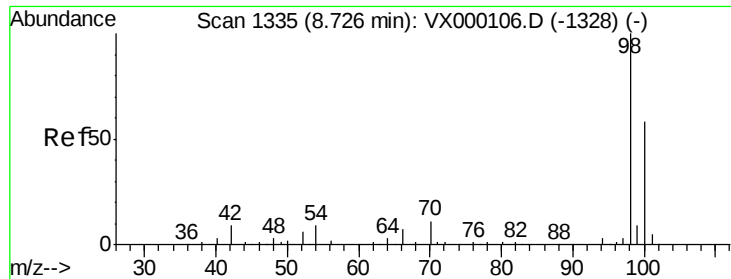
Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion:	91	Resp:	141058
Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.4	68.0





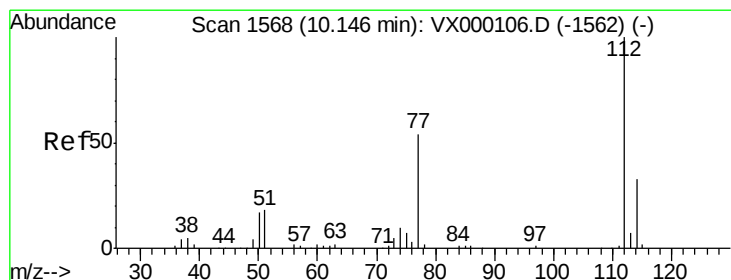
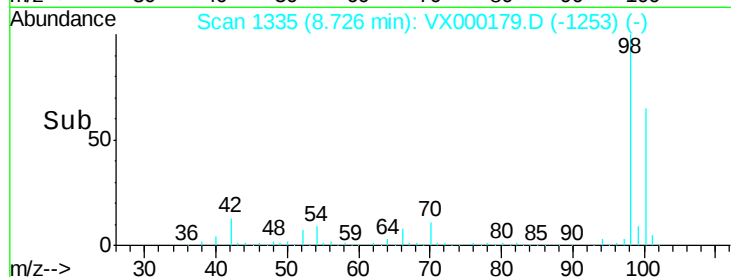
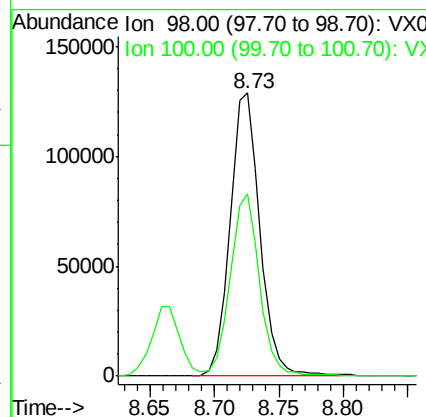
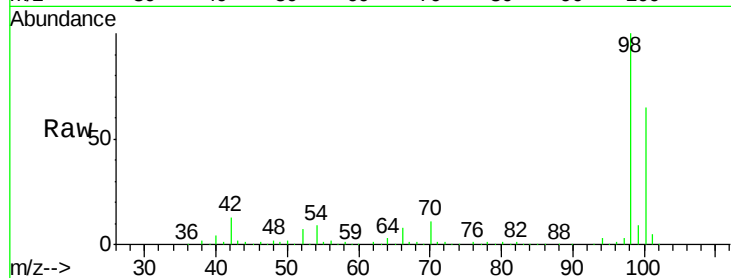
#63
Toluene-d8
Concen: 30.44 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
Client Sampled :
VSTDCCC020

Tot Ion: 98 Resp: 209875
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0

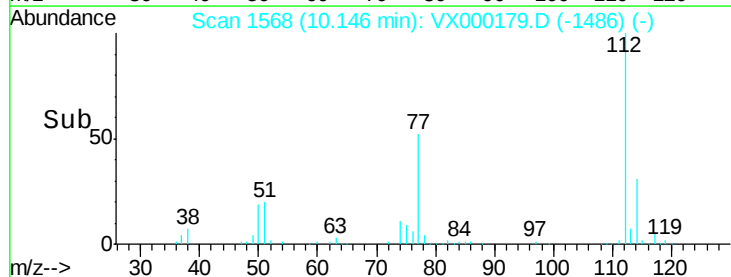
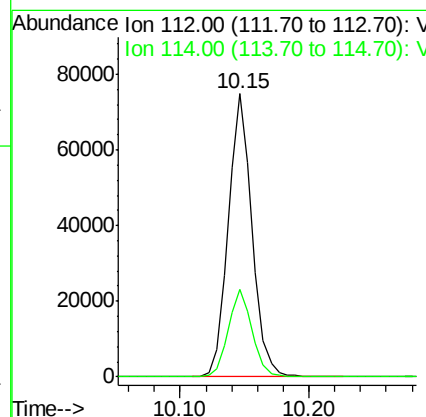
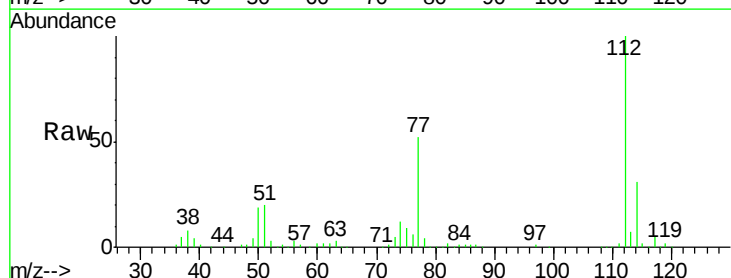
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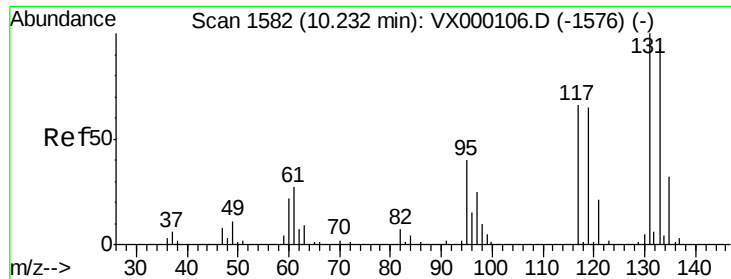
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#64
Chlorobenzene
Concen: 17.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion: 112 Resp: 97305
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 16.68 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

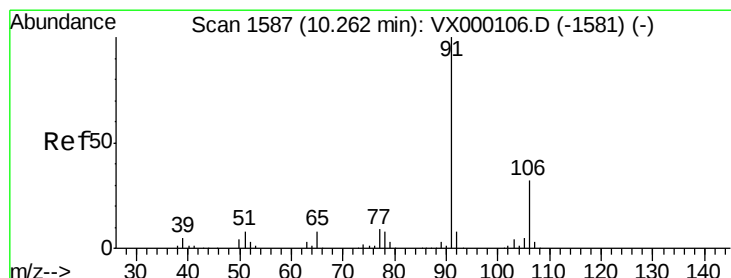
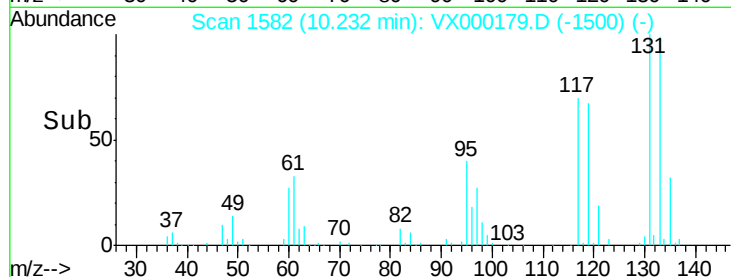
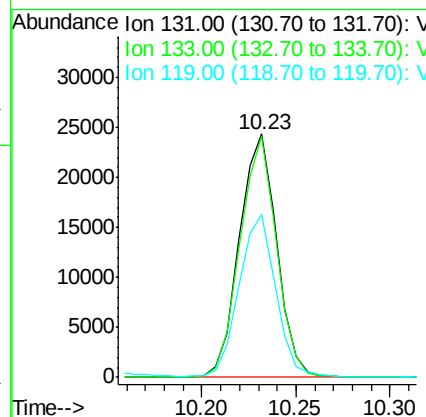
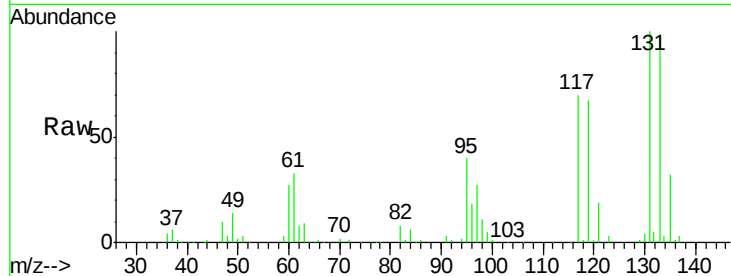
ClientSampled :

VSTDCCC020

Tot Ion:	131	Resp:	33429
Ion Ratio	Lower	Upper	
131	100		
133	96.6	0.0	187.6
119	65.9	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.27 ug/l

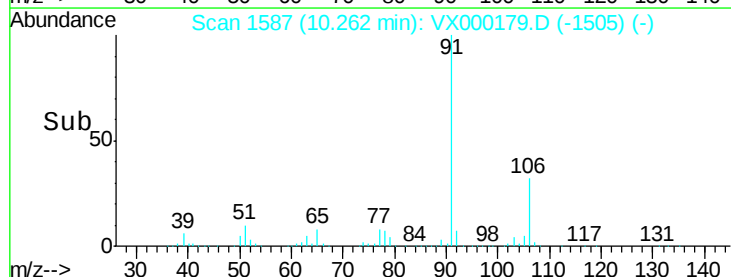
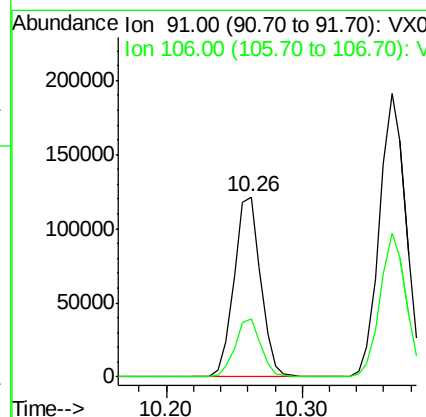
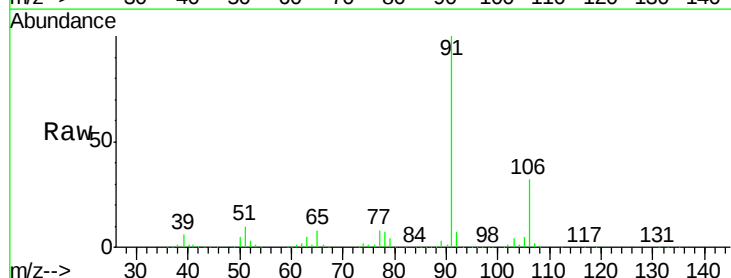
RT: 10.26 min Scan# 1587

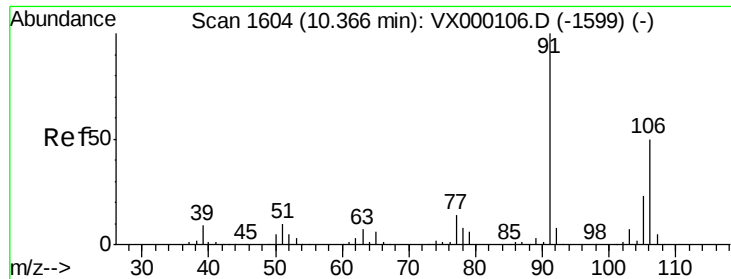
Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion:	91	Resp:	165091
Ion Ratio	Lower	Upper	
91	100		
106	32.1	25.9	38.9





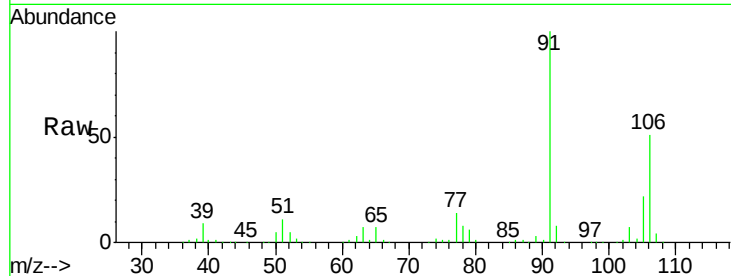
#67
m/p-Xvlenes
Concen: 34.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

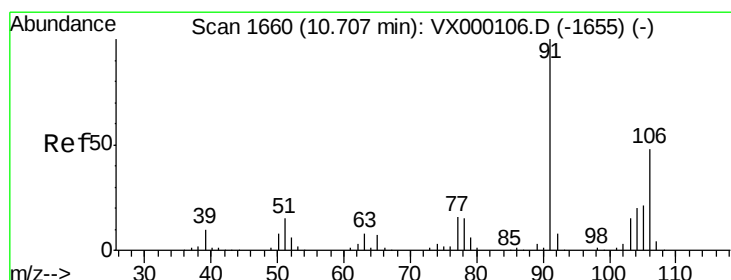
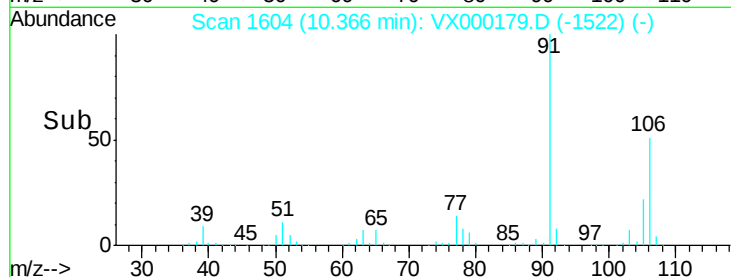
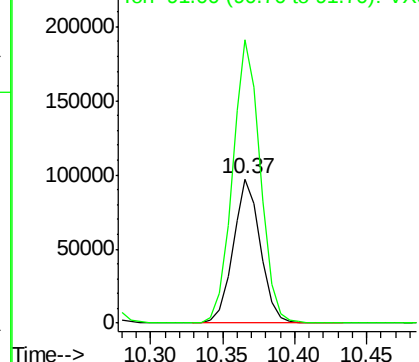
Tot Ion:106 Resp: 128843
Ion Ratio Lower Upper
106 100
91 200.3 161.6 242.4

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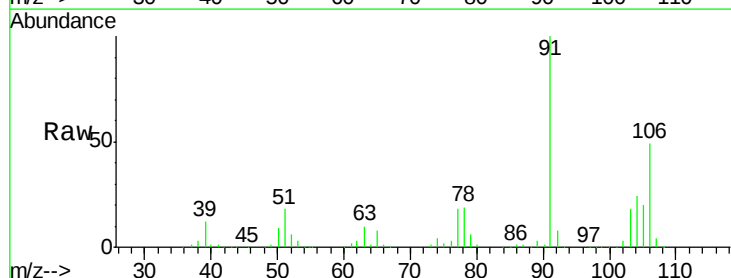


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

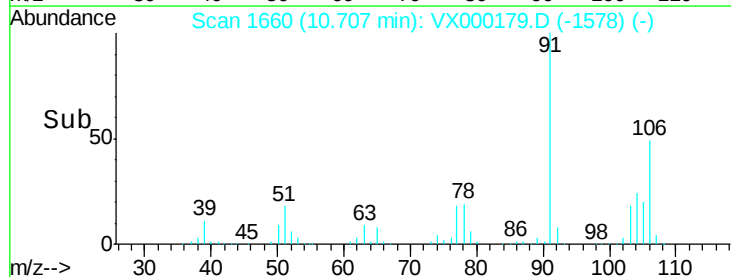
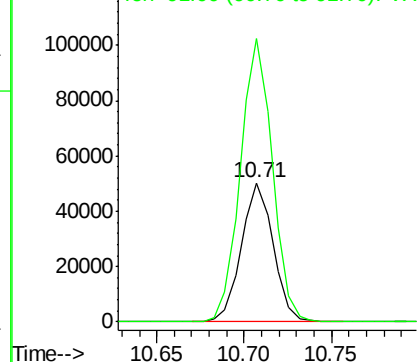


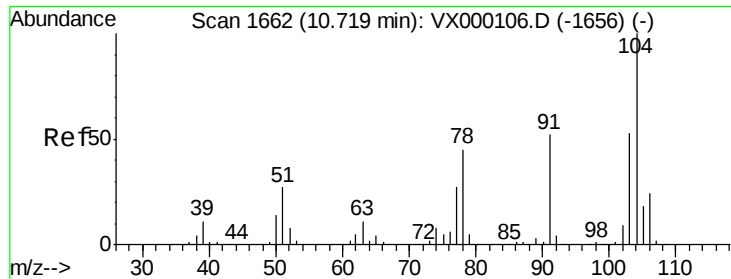
#68
o-Xylene
Concen: 17.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion:106 Resp: 63655
Ion Ratio Lower Upper
106 100
91 204.8 105.6 316.8



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





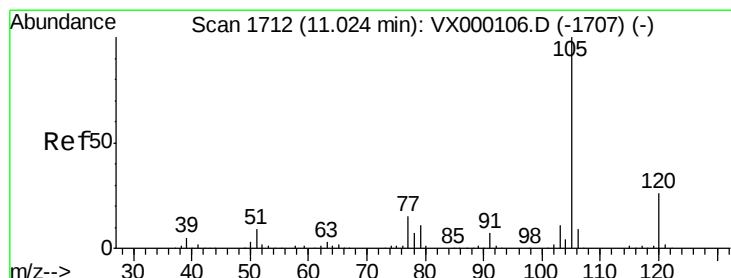
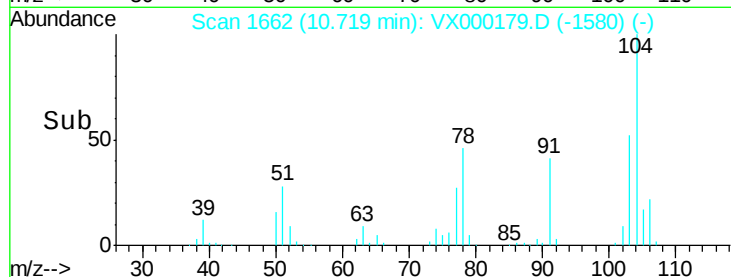
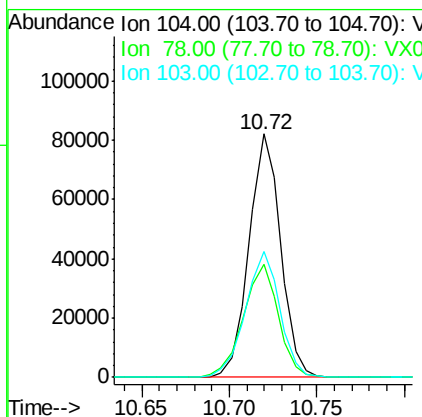
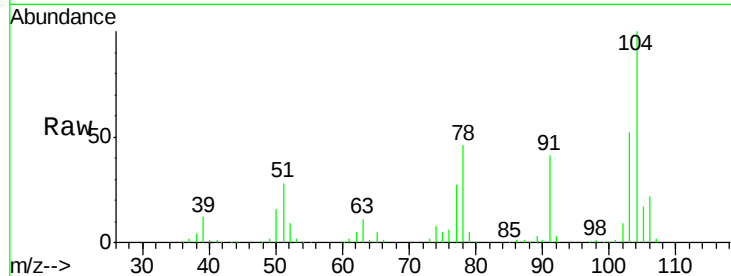
#69
Stvrene
Concen: 17.15 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	39.0	58.4
103	56.4	44.7	67.1

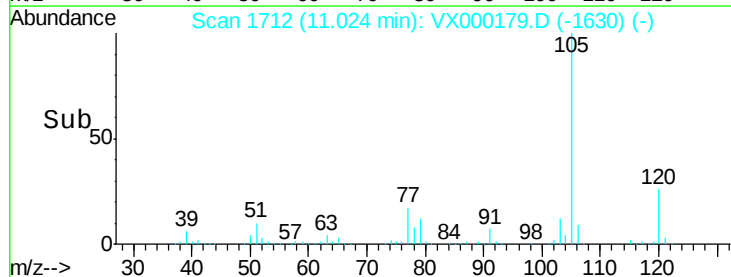
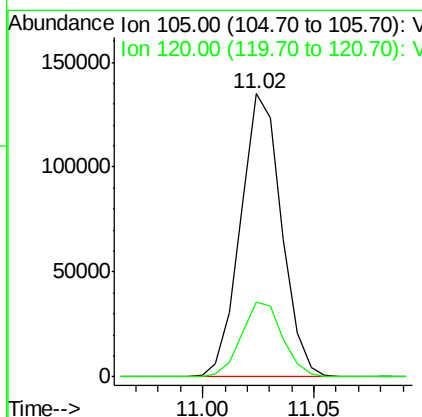
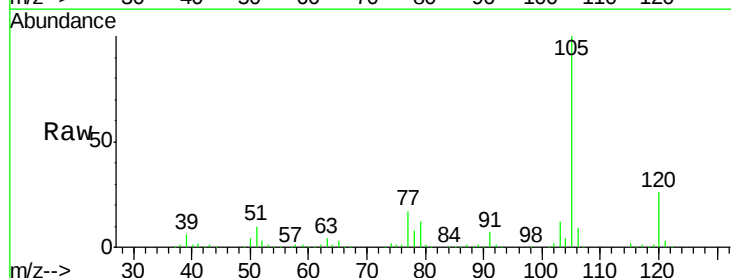
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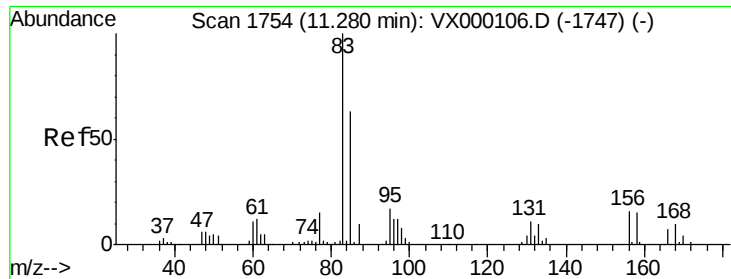
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#70
Isopropylbenzene
Concen: 17.62 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	35.0





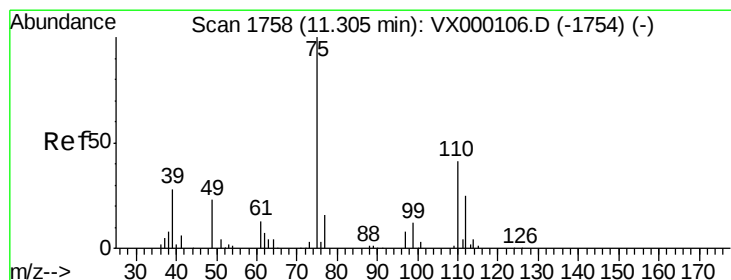
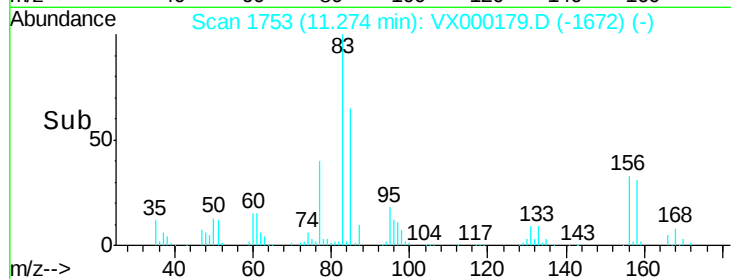
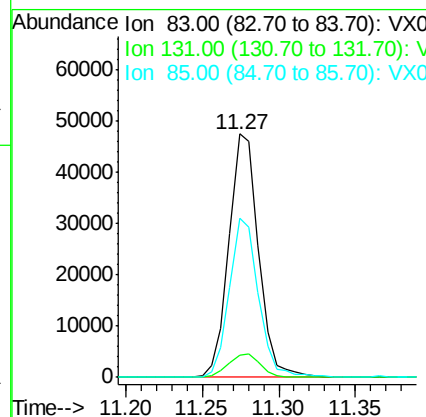
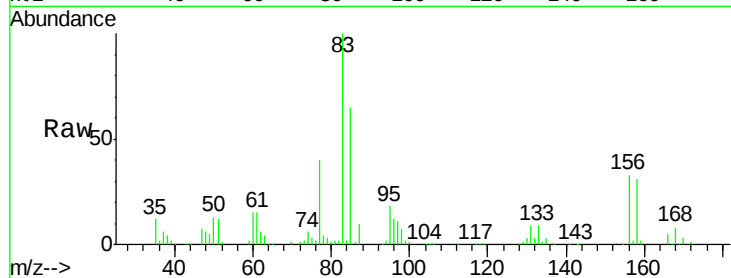
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.85 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	63815
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.3	16.1
85	64.5	32.5	97.5

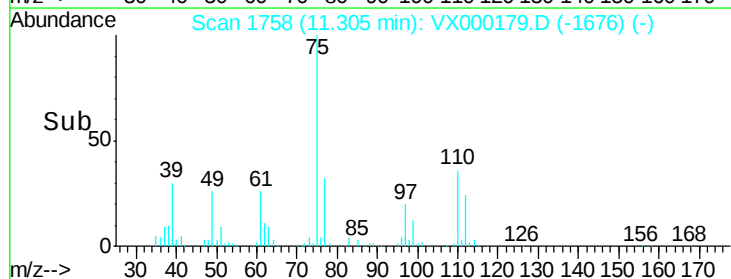
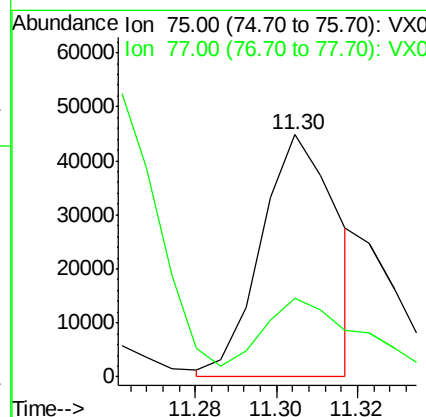
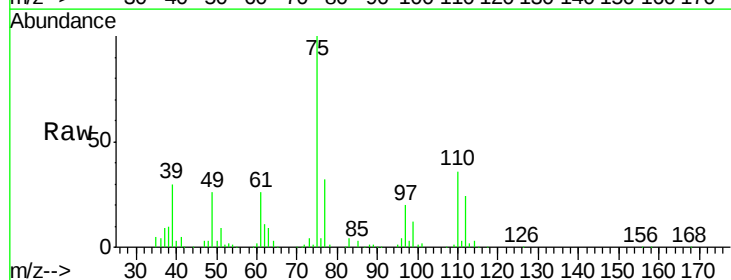
Manual Integrations
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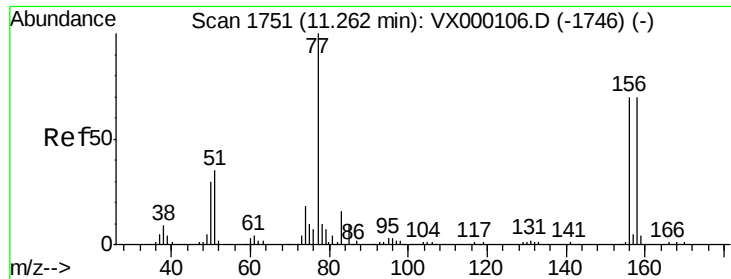
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#72
 1,2,3-Trichloropropane
 Concen: 19.15 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	75	Resp	58146
Ion Ratio	100	Lower	Upper
75	100		
77	42.2	0.0	85.8





#73

Bromobenzene

Concen: 16.87 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

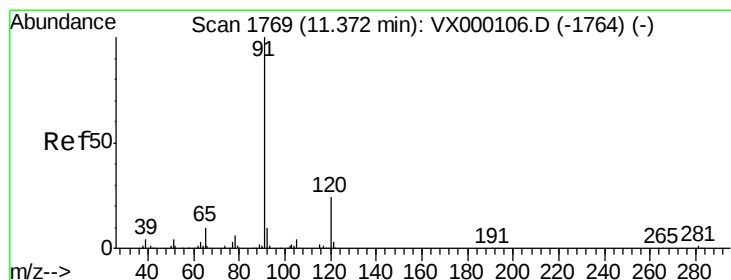
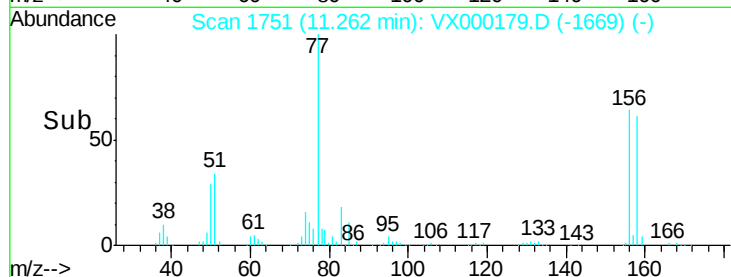
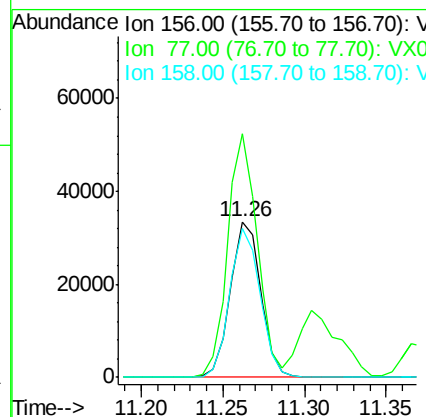
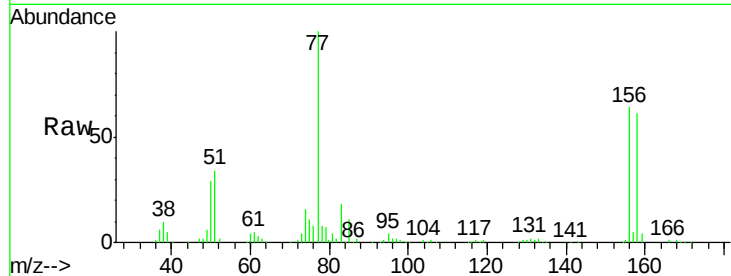
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.3	0.0	280.2
158	95.3	0.0	197.2

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#74

n-propylbenzene

Concen: 17.87 ug/l

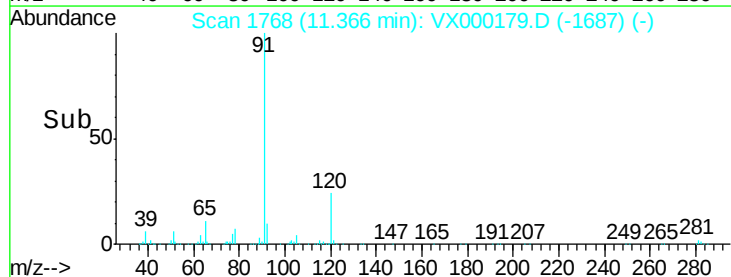
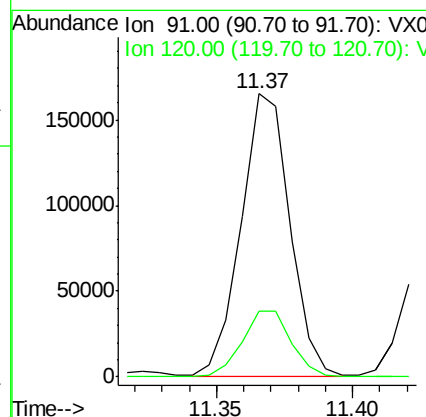
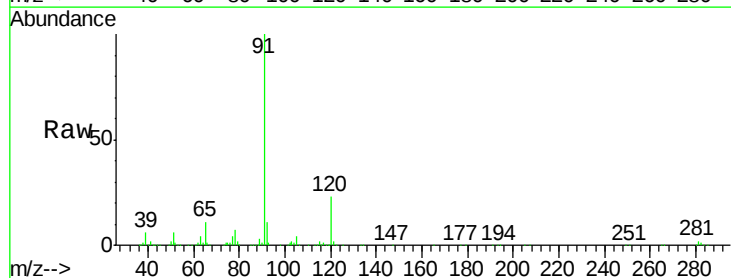
RT: 11.37 min Scan# 1768

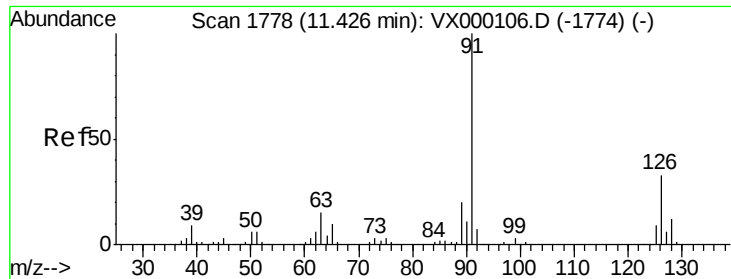
Delta R.T. -0.01 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	47.4





#75

2-Chlorotoluene

Concen: 17.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 119033

Ion Ratio Lower Upper

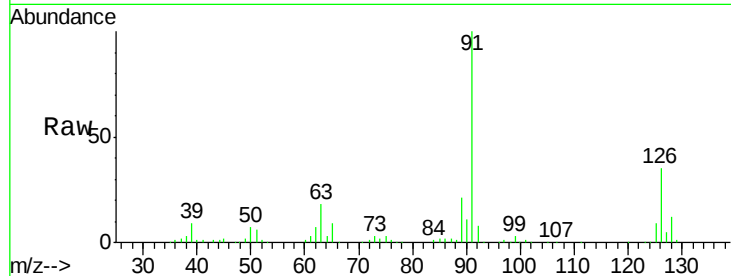
91 100

126 35.2 0.0 71.4

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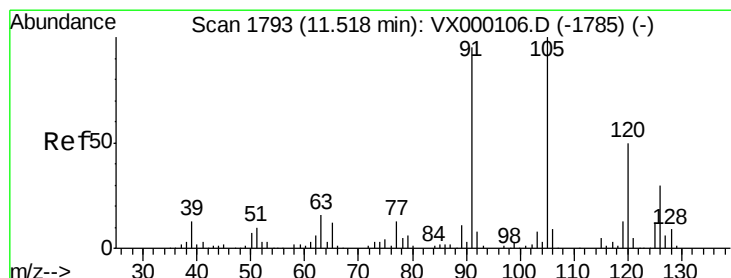
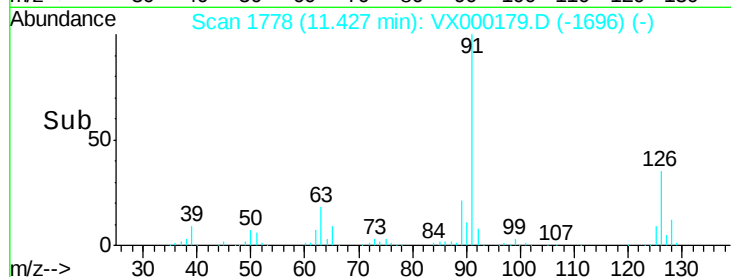
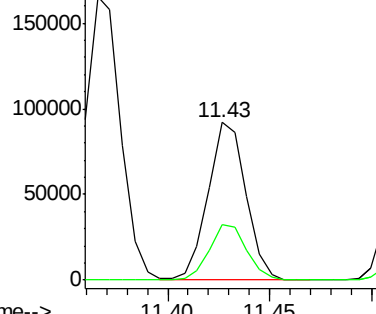
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.62 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000179.D

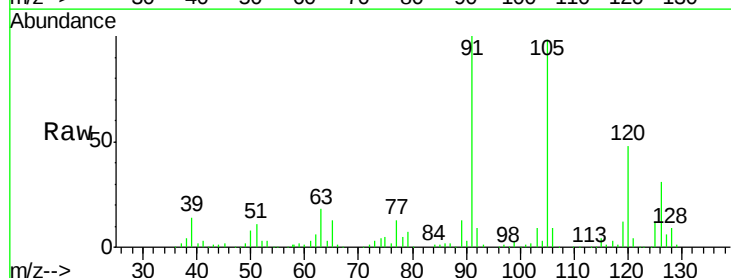
Acq: 01 Mar 2018 11:48

Tgt Ion: 105 Resp: 146961

Ion Ratio Lower Upper

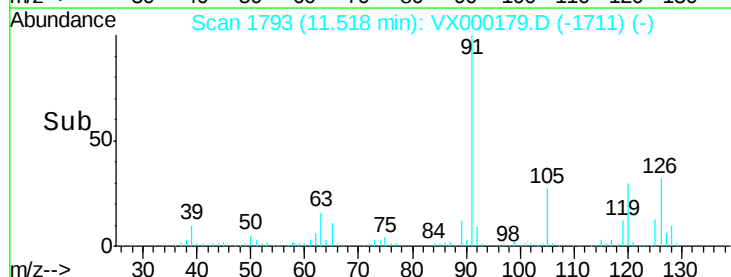
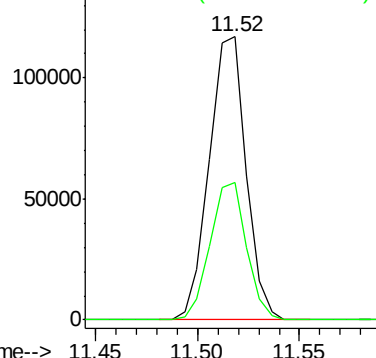
105 100

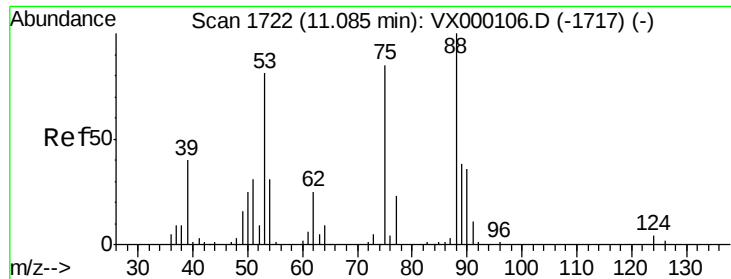
120 47.8 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





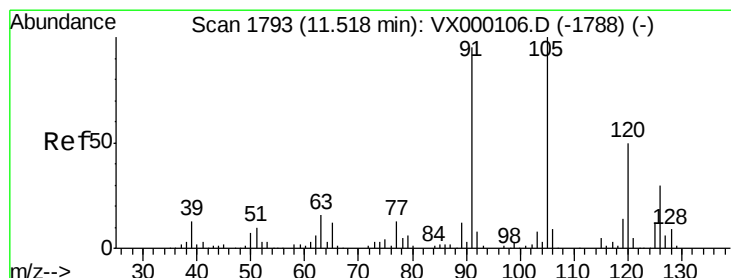
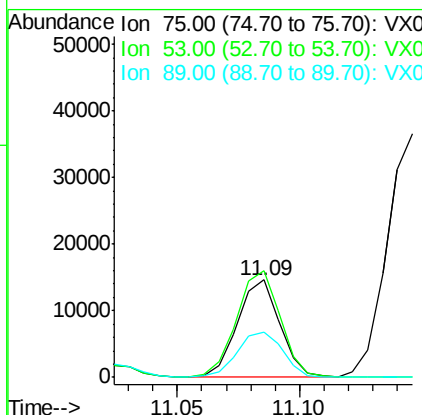
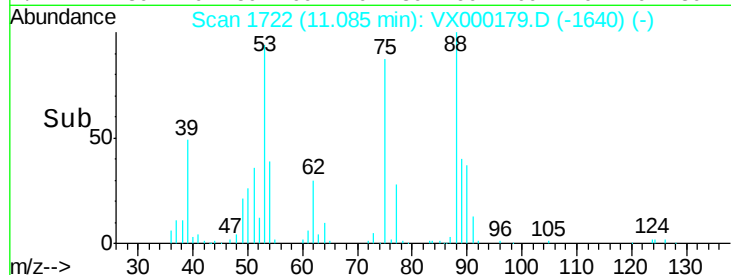
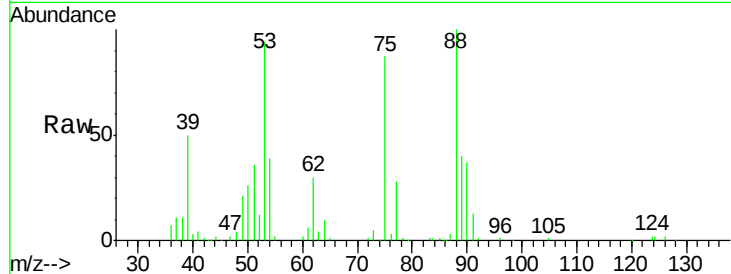
#77
t-1,4-Dichloro-2-butene
Concen: 16.47 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
Client Sampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.7	47.8	143.3
89	46.1	22.3	66.8

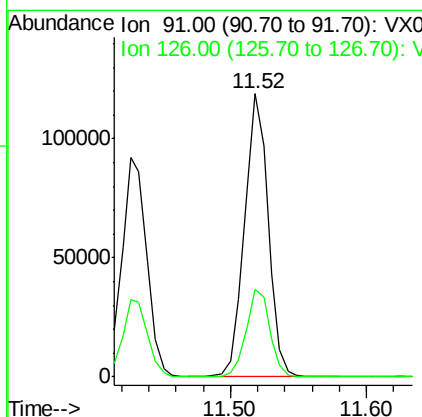
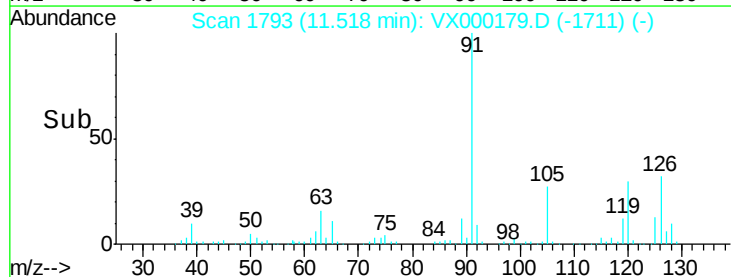
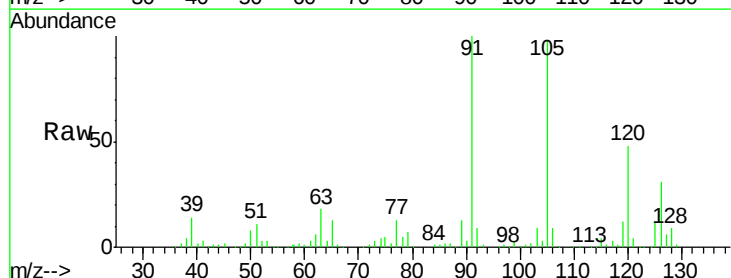
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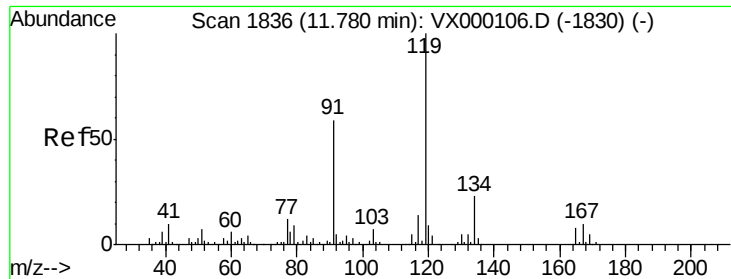
apatel
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#78
4-Chlorotoluene
Concen: 18.26 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	63.4





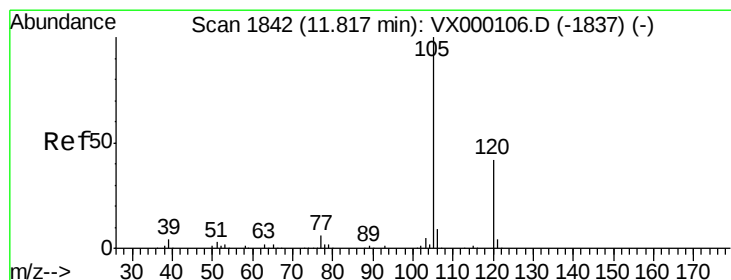
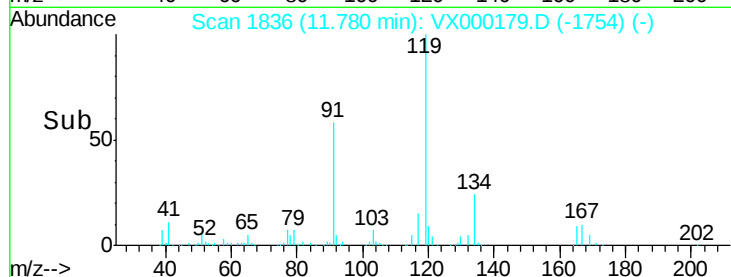
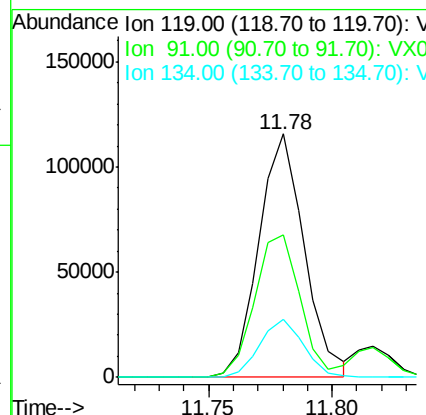
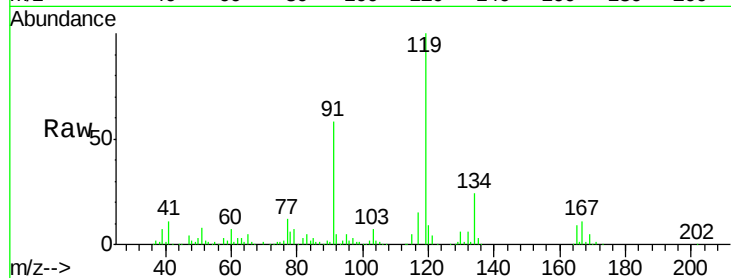
#79
tert-butylbenzene
Concen: 17.83 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Instrument :
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	147963		
91	28.1	0.0	51.6	
134	29.9	0.0	60.2	

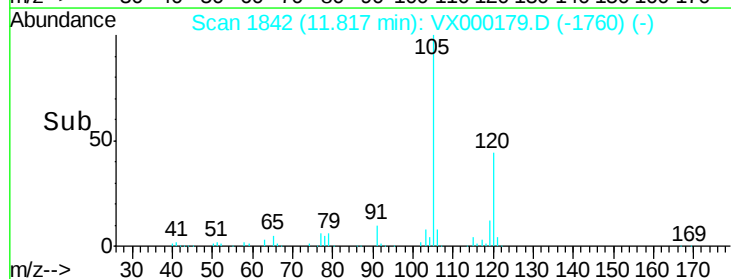
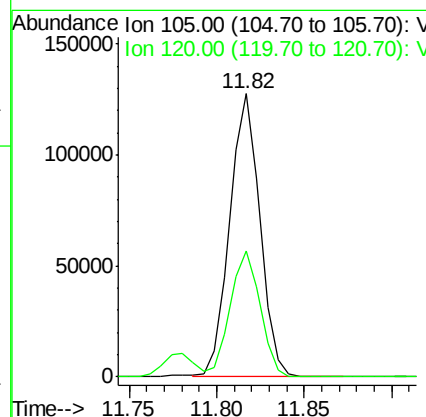
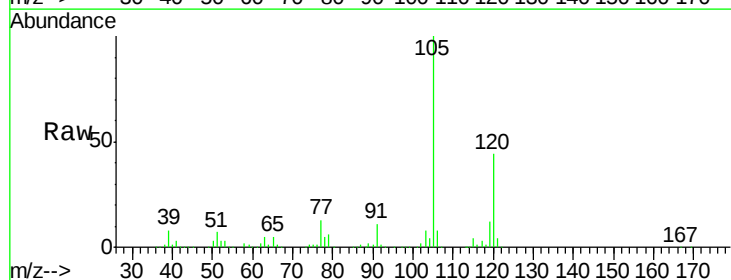
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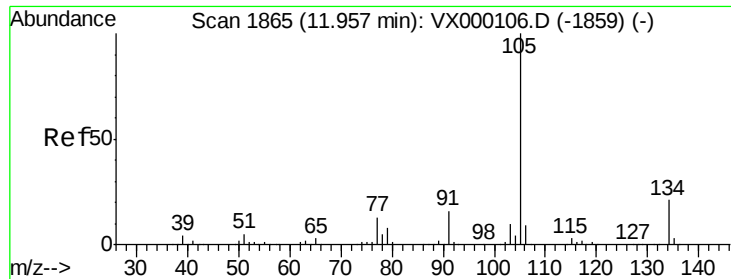
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#80
1,2,4-Trimethylbenzene
Concen: 17.98 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000179.D
Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152931		
120	44.3	0.0	93.0	





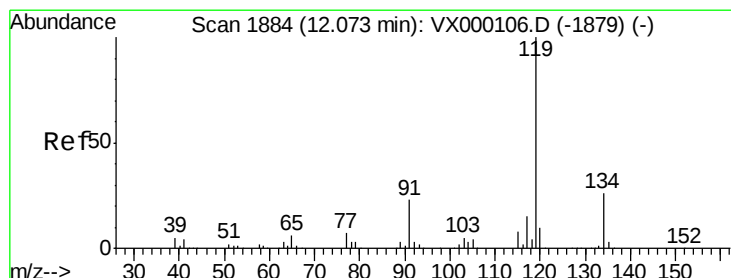
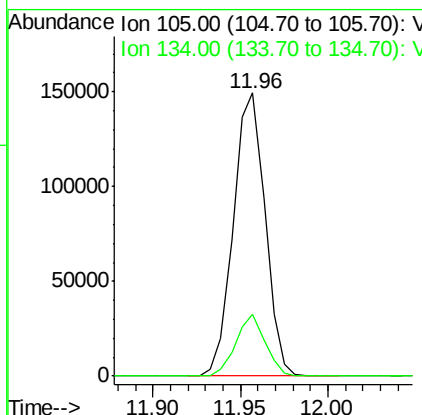
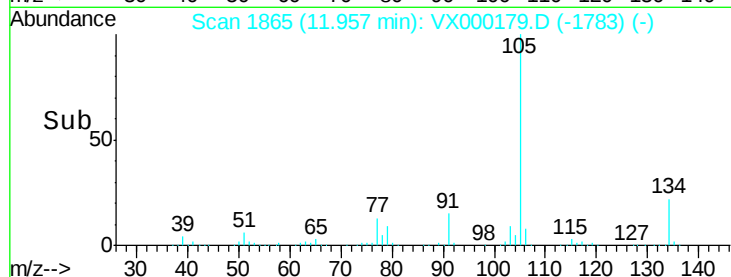
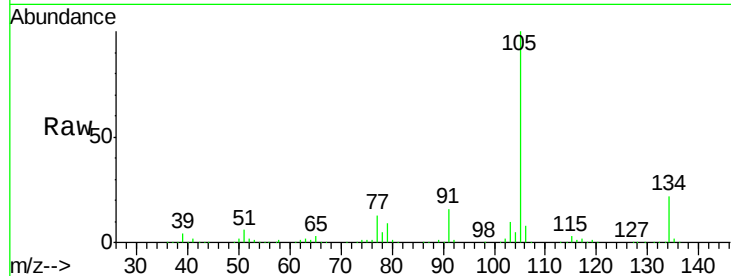
#81
 sec-Butylbenzene
 Concen: 18.39 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion:105 Resp: 188719
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8

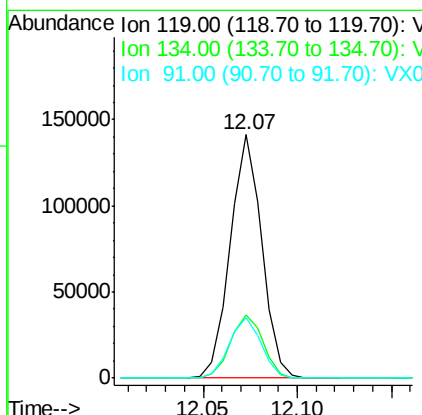
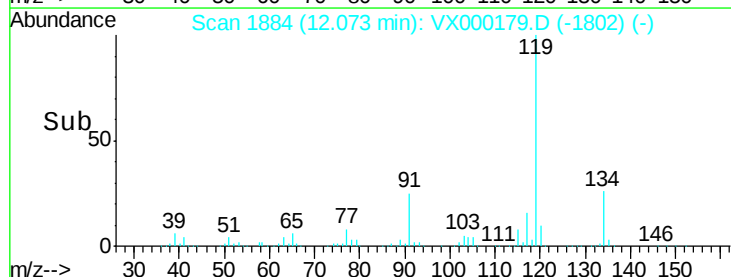
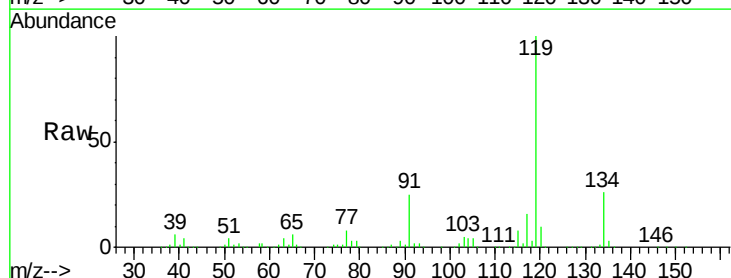
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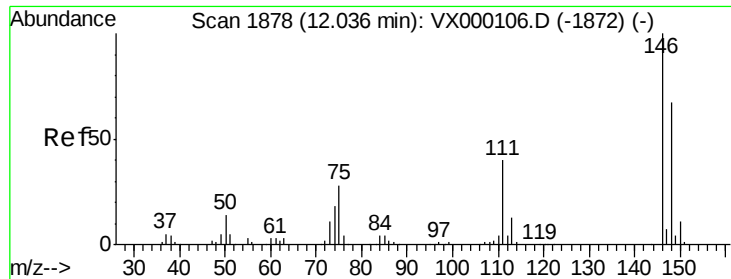
apatel
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#82
 p-Isopropyltoluene
 Concen: 17.88 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion:119 Resp: 163676
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 25.4 0.0 46.6





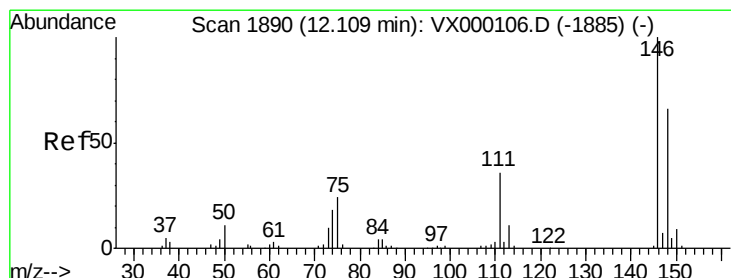
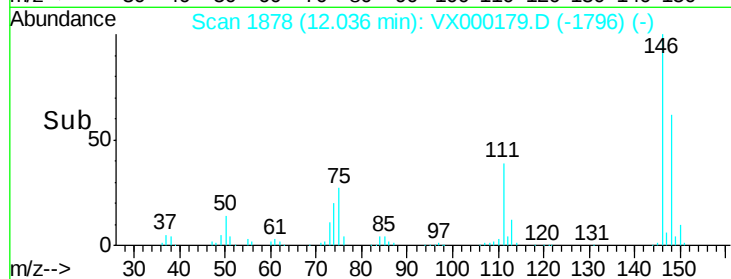
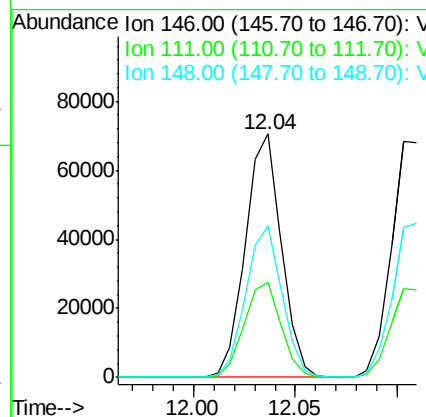
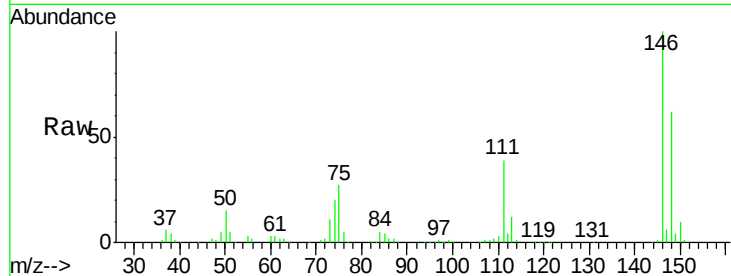
#83
 1,3-Dichlorobenzene
 Concen: 17.61 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	62.6	32.6	97.7

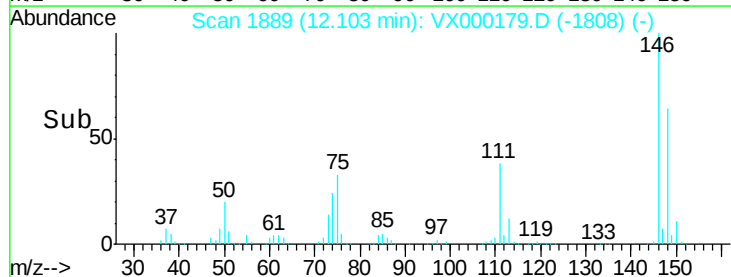
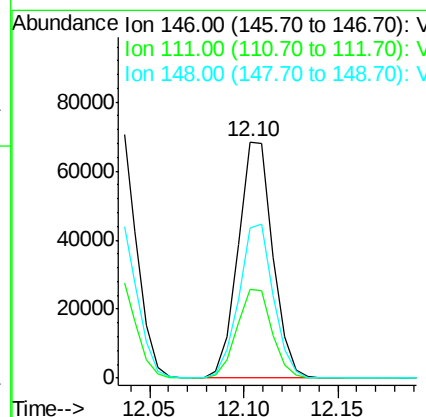
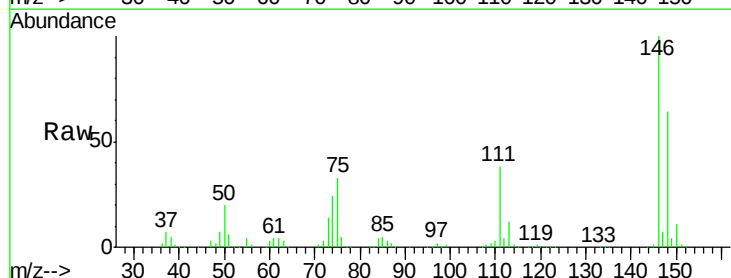
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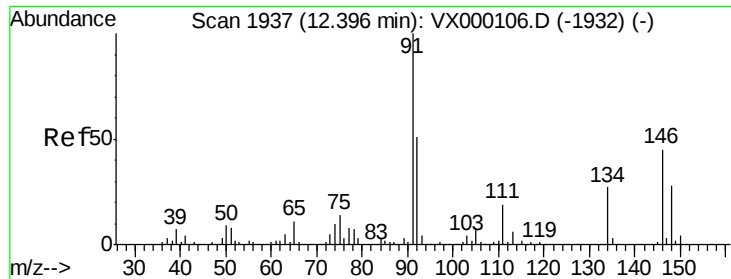
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#84
 1,4-Dichlorobenzene
 Concen: 17.11 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.0
148	64.6	31.9	95.7





#85

n-Butylbenzene

Concen: 18.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 161230

Ion Ratio Lower Upper

91 100

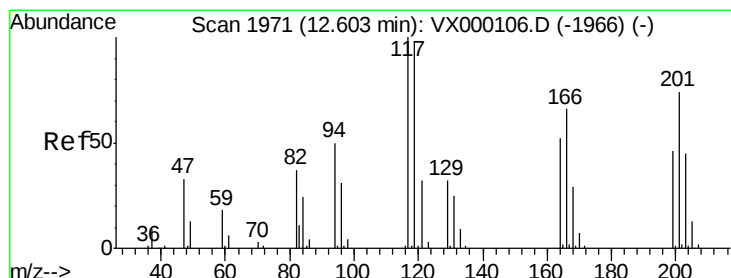
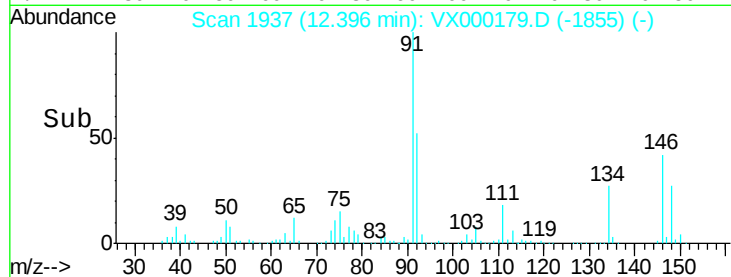
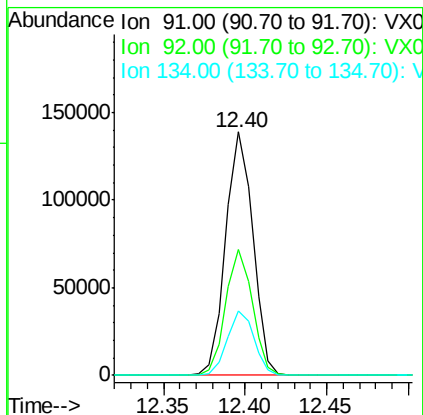
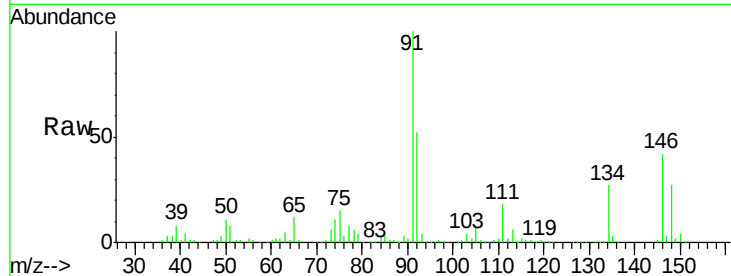
92 51.1 0.0 102.0

134 26.1 0.0 54.2

Manual Integrations
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#86

Hexachloroethane

Concen: 16.68 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000179.D

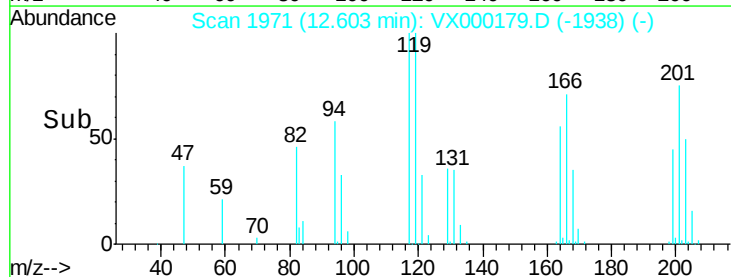
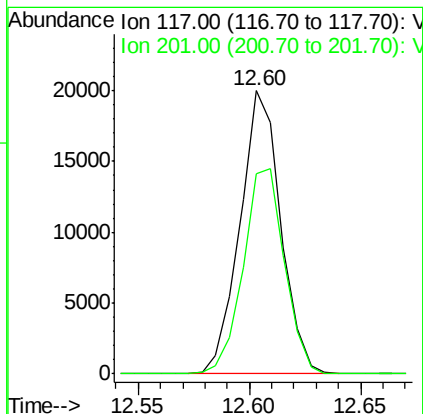
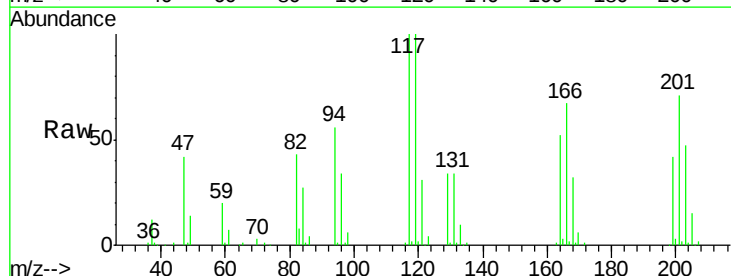
Acq: 01 Mar 2018 11:48

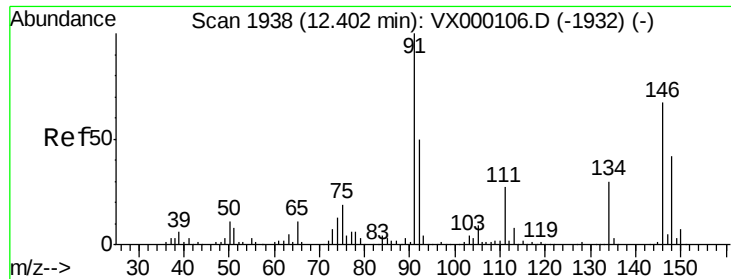
Tgt Ion: 117 Resp: 25503

Ion Ratio Lower Upper

117 100

201 73.7 38.9 116.6





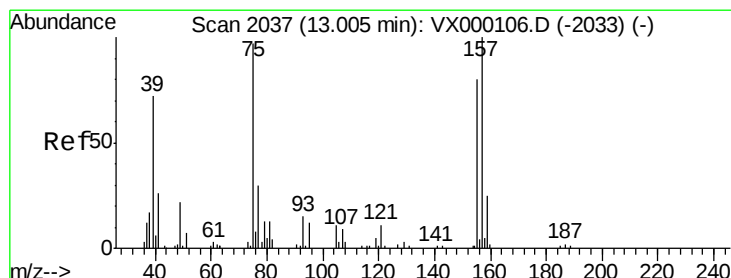
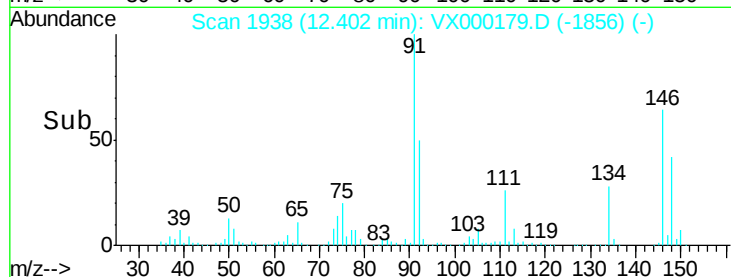
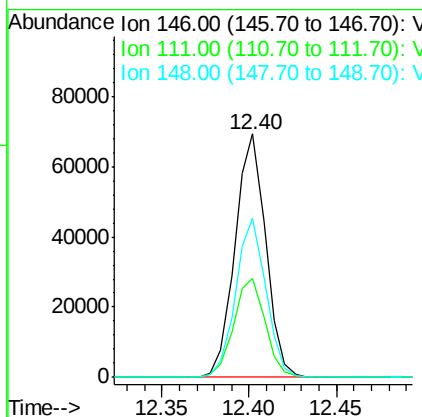
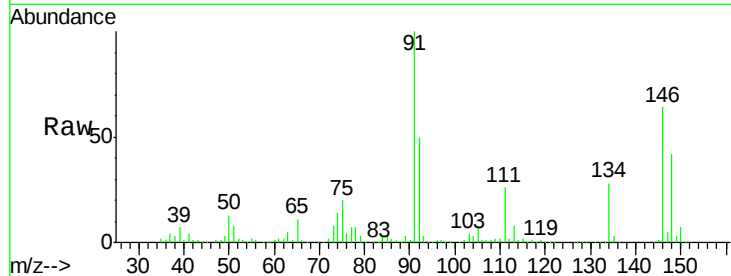
#87
 1,2-Dichlorobenzene
 Concen: 17.38 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	64.4	31.6	95.0

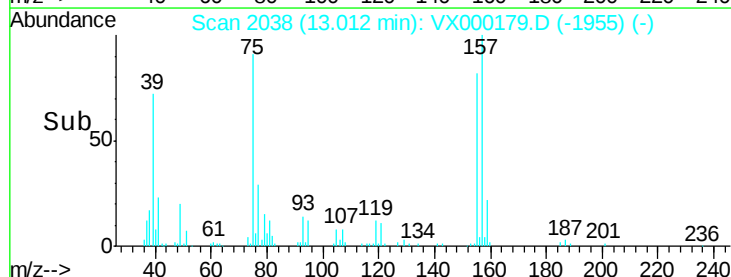
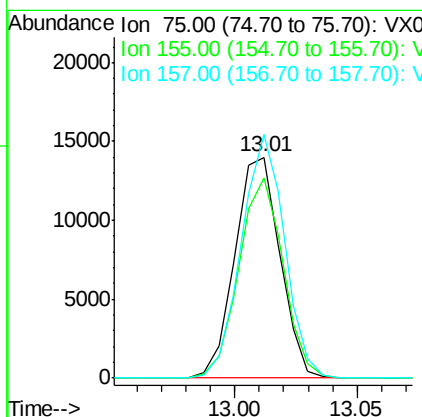
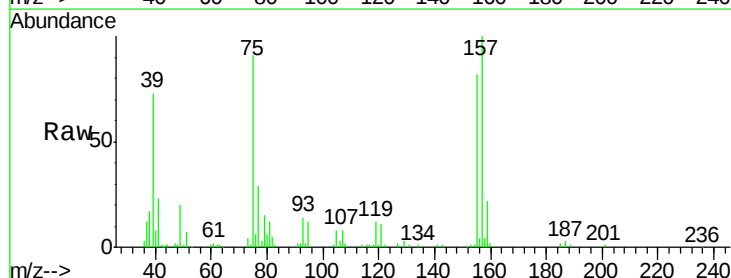
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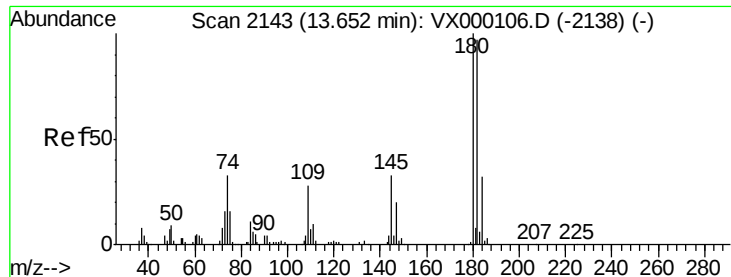
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.01 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	75.1	112.7
157	105.4	99.0	148.4





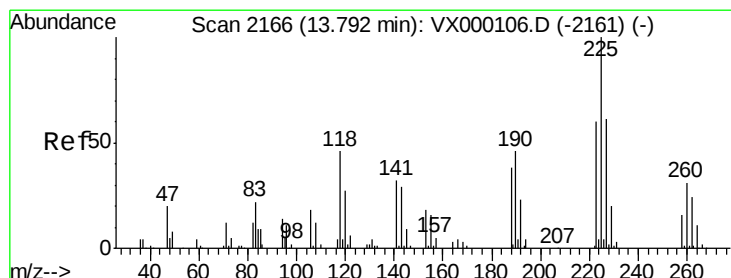
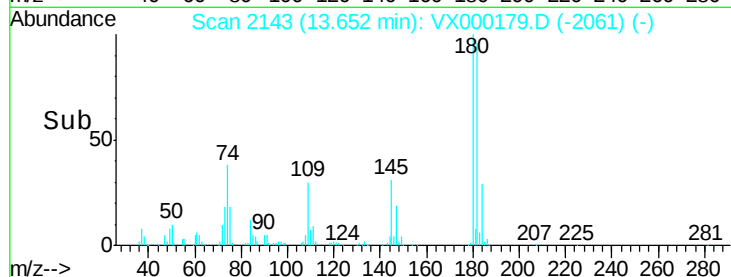
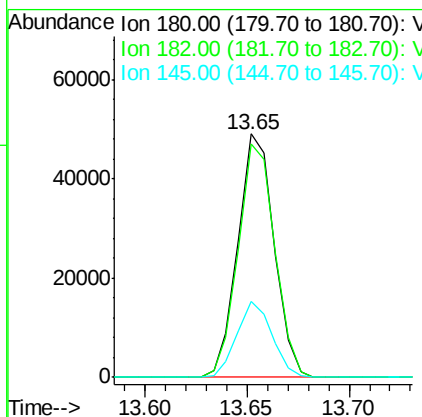
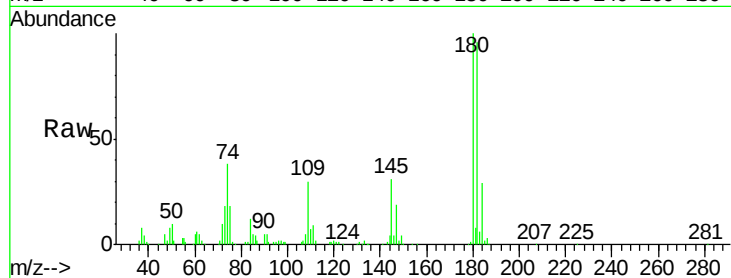
#89
 1,2,4-Trichlorobenzene
 Concen: 16.97 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Instrument :
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	60668		
182	96.8	76.3	114.5	
145	30.4	24.6	37.0	

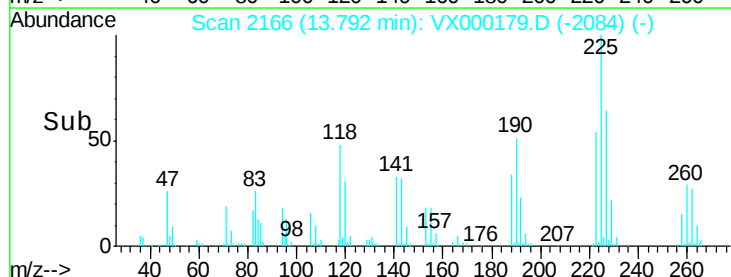
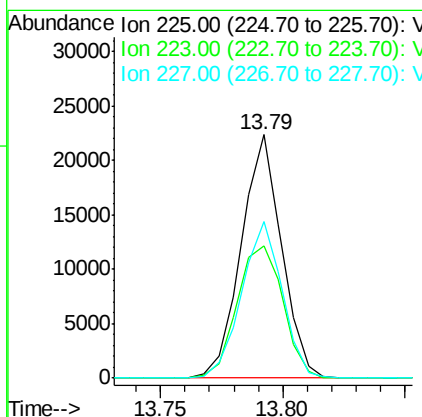
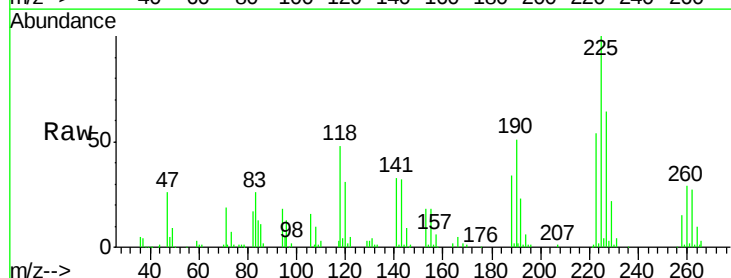
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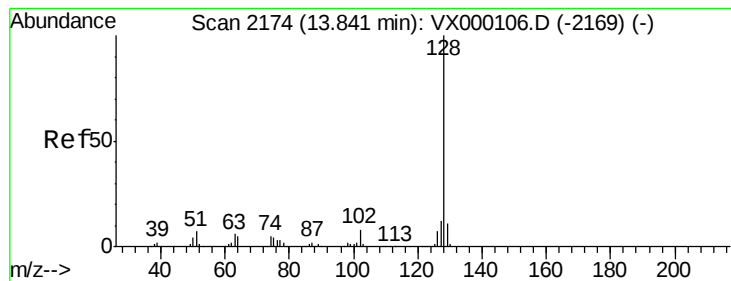
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#90
 Hexachlorobutadiene
 Concen: 16.62 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000179.D
 Acq: 01 Mar 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25604		
223	61.8	0.0	131.2	
227	64.7	0.0	127.6	





#91

Naphthalene

Concen: 17.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Instrument :

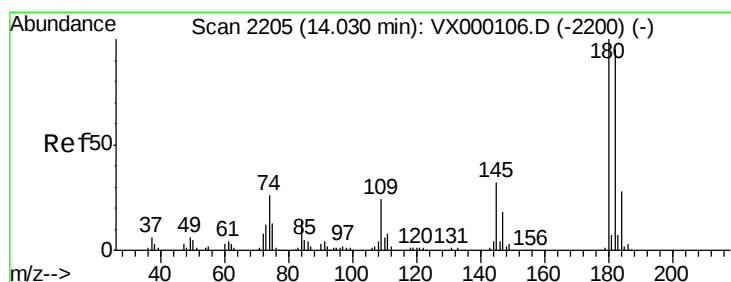
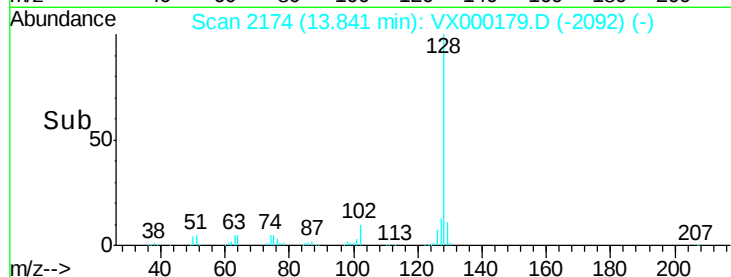
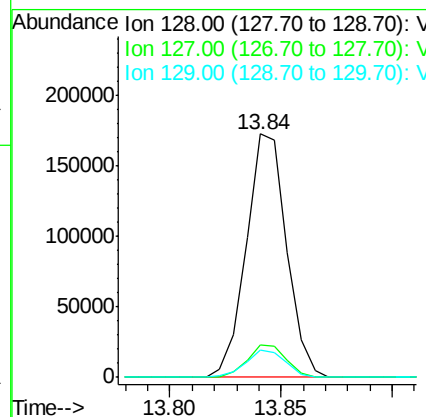
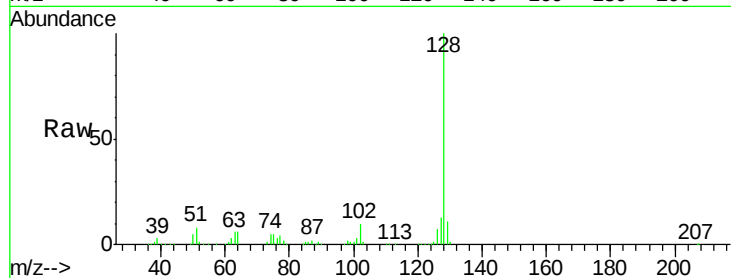
ClientSampled :

VSTDCCC020

Tot Ion:	128	Resp:	218692
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.1	9.0	13.6

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#92

1,2,3-Trichlorobenzene

Concen: 17.06 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000179.D

Acq: 01 Mar 2018 11:48

Tgt Ion:	180	Resp:	61303
Ion Ratio	Lower	Upper	
180	100		
182	98.2	0.0	188.6
145	32.5	0.0	65.8

