

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001657.D
 Acq On : 11 May 2018 23:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 5/14/2018 3:58:33 PM

Quant Time: May 12 07:28:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150427	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
35) Dibromofluoromethane	5.51	113	128530	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	8.72	98	453340	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	171080	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150781	47.35	ug/l	100
3) Chloromethane	1.32	50	145081	46.78	ug/l	99
4) Vinyl Chloride	1.40	62	158729	49.05	ug/l	99
5) Bromomethane	1.64	94	64085	42.76	ug/l	97
6) Chloroethane	1.71	64	105408	49.27	ug/l	100
7) Trichlorofluoromethane	1.92	101	237961	48.86	ug/l	98
8) Diethyl Ether	2.19	74	97966	51.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138351	48.45	ug/l	98
10) Methyl Iodide	2.51	142	163548	39.69	ug/l	99
11) Tert butyl alcohol	3.09	59	184949	258.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130559	49.88	ug/l	98
13) Acrolein	2.29	56	25501	177.07	ug/l	94
14) Allyl chloride	2.73	41	249132	51.05	ug/l	97
15) Acrylonitrile	3.15	53	423123	261.23	ug/l	100
16) Acetone	2.45	43	371847	240.88	ug/l	98
17) Carbon Disulfide	2.57	76	306793	46.06	ug/l	99
18) Methyl Acetate	2.78	43	236091	58.21	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	473058	51.91	ug/l	99
20) Methylene Chloride	2.86	84	150639	49.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	138767	47.51	ug/l	97
22) Diisopropyl ether	3.88	45	483829	53.06	ug/l	98
23) Vinyl Acetate	3.83	43	1990860	262.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	267228	52.47	ug/l	99
25) 2-Butanone	4.72	43	581733	260.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	169695	43.14	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	168678	54.22	ug/l	94
28) Bromochloromethane	5.03	49	114460	51.83	ug/l	99
29) Tetrahydrofuran	5.18	42	375078	262.71	ug/l	100
30) Chloroform	5.22	83	280155	53.40	ug/l	100
31) Cyclohexane	5.58	56	220069	50.31	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248987	54.30	ug/l	100
36) 1,1-Dichloropropene	5.81	75	195763	50.07	ug/l	100
37) Ethyl Acetate	4.87	43	222060	51.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	223428	53.58	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227308	49.17	ug/l	98
40) Benzene	6.15	78	595244	52.12	ug/l	97
41) Methacrylonitrile	5.07	41	128702	52.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228019	51.95	ug/l	100
43) Isopropyl Acetate	6.48	43	355219	53.99	ug/l	100
44) Trichloroethene	7.22	130	181104	51.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151499	53.21	ug/l	98
46) Dibromomethane	7.67	93	105805	52.49	ug/l	99
47) Bromodichloromethane	7.90	83	208465	55.88	ug/l	100
48) Methyl methacrylate	7.79	41	189777	52.97	ug/l	98
49) 1,4-Dioxane	7.76	88	81759	1056.23	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1200335	274.53	ug/l	99
52) Toluene	8.79	92	397614	53.24	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234918	55.72	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	215365	49.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	157594	52.38	ug/l	100
56) Ethyl methacrylate	9.19	69	234201	54.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258877	52.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	595642	280.02	ug/l	100
59) 2-Hexanone	9.51	43	880385	262.95	ug/l	99
60) Dibromochloromethane	9.59	129	173601	56.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165810	52.49	ug/l	99
64) Tetrachloroethene	9.34	164	211931	52.99	ug/l	98
65) Chlorobenzene	10.15	112	439131	52.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	167543	55.66	ug/l	99
67) Ethyl Benzene	10.26	91	726211	52.65	ug/l	100
68) m/p-Xylenes	10.37	106	579268	106.29	ug/l	99
69) o-Xylene	10.71	106	284079	53.64	ug/l	99
70) Styrene	10.72	104	473443	55.02	ug/l	99
71) Bromoform	10.87	173	141649	49.01	ug/l	100
73) Isopropylbenzene	11.02	105	764344	54.09	ug/l	100
74) N-amyl acetate	6.48	43	355219	55.34	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	229634	55.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219459m	53.01	ug/l	
77) Bromobenzene	11.26	156	216633	52.73	ug/l	99
78) n-propylbenzene	11.37	91	842983	54.78	ug/l	100
79) 2-Chlorotoluene	11.43	91	503491	53.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	634091	53.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59974	46.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	586157	53.65	ug/l	100
83) tert-Butylbenzene	11.77	119	625048	53.39	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	657509	54.37	ug/l	100
85) sec-Butylbenzene	11.95	105	773007	55.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	708885	54.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385750	52.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388746	51.89	ug/l	99
89) n-Butylbenzene	12.40	91	569276	53.30	ug/l	100
90) Hexachloroethane	12.60	117	113254	58.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396633	53.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53950	58.83	ug/l	100

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VSTDCCC050EC

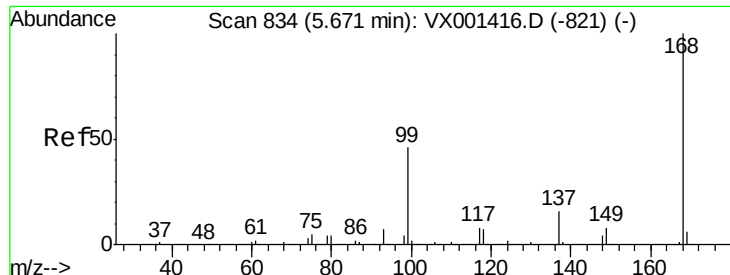
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297130	54.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	155536	51.99	ug/l	99
95) Naphthalene	13.84	128	868916	57.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	310283	55.30	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 236530

Ion Ratio Lower Upper

168 100

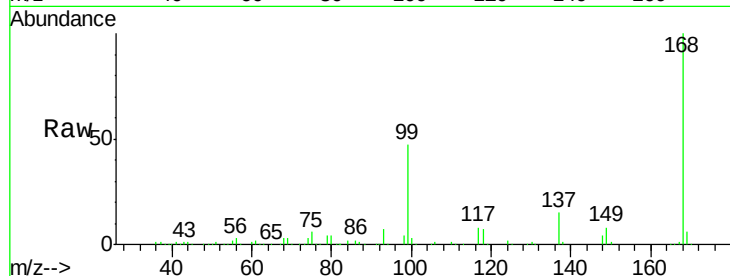
99 46.7 36.6 54.8

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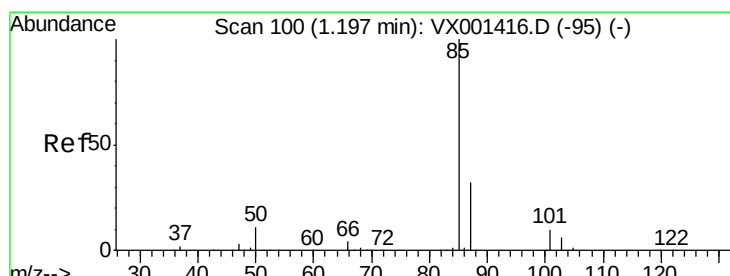
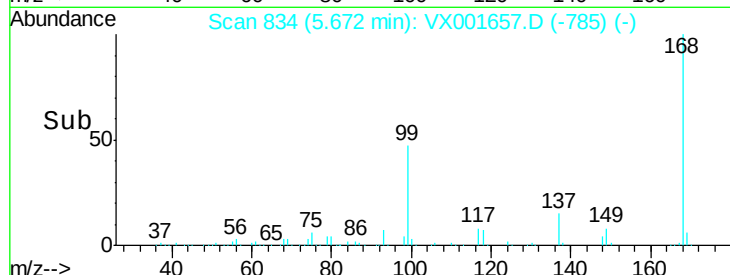


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 47.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001657.D

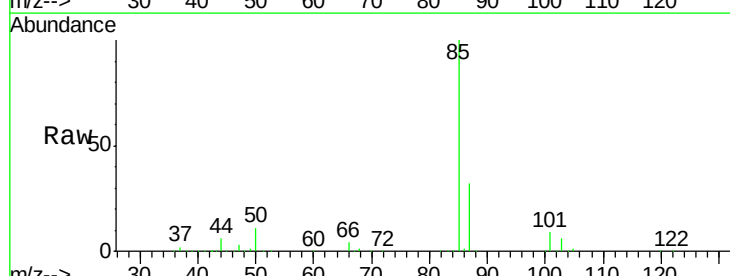
Acq: 11 May 2018 23:15

Tgt Ion: 85 Resp: 150781

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6

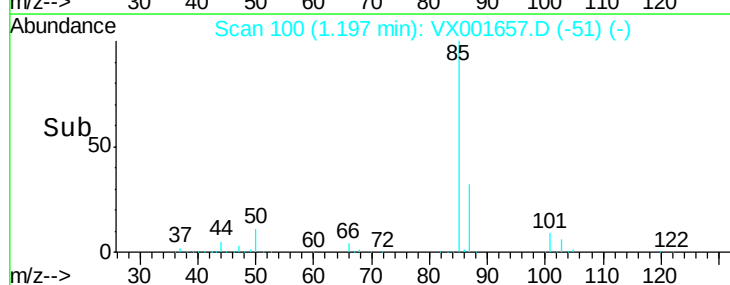


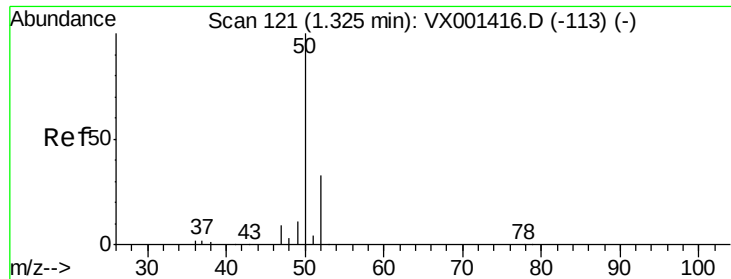
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 46.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 145081

Ion Ratio Lower Upper

50 100

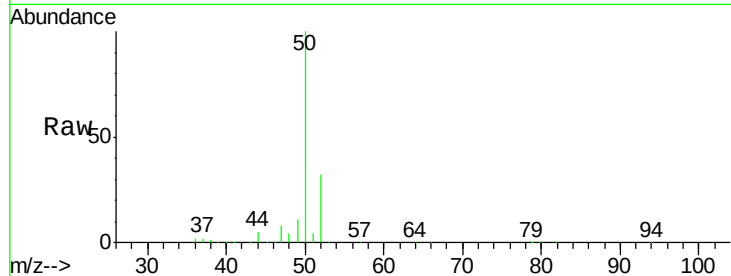
52 32.1 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

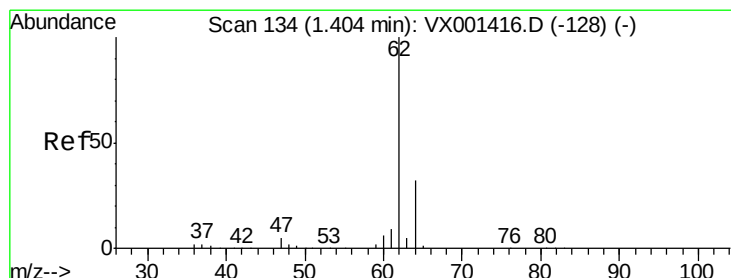
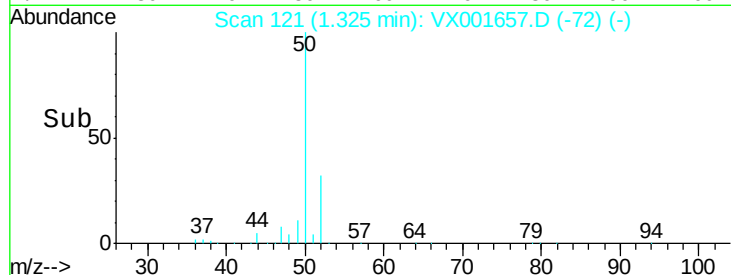
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001657.D

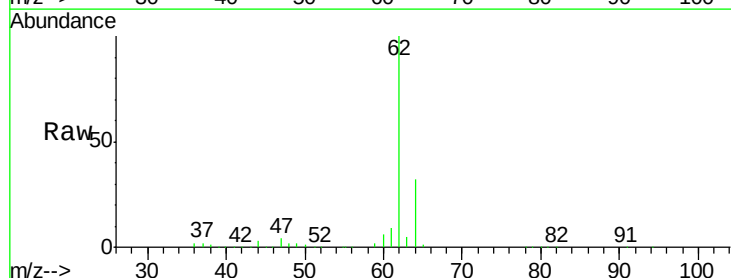
Acq: 11 May 2018 23:15

Tgt Ion: 62 Resp: 158729

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

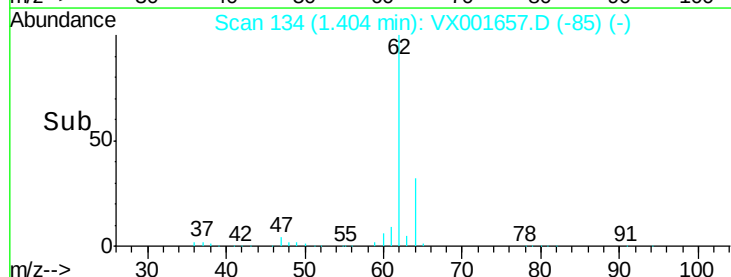
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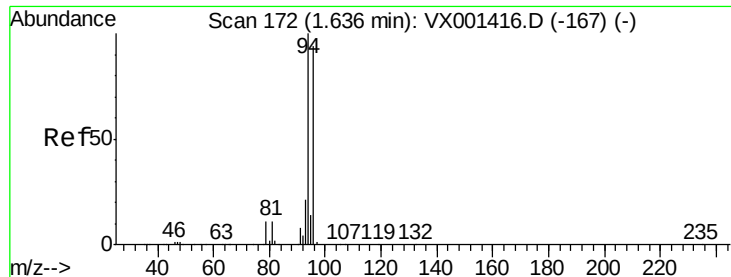
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 64085

Ion Ratio Lower Upper

94 100

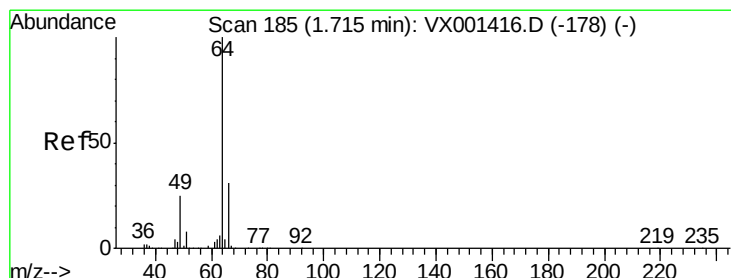
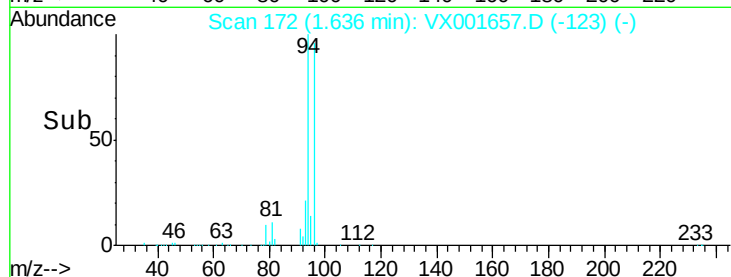
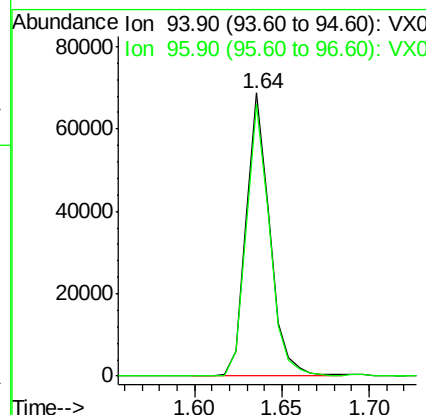
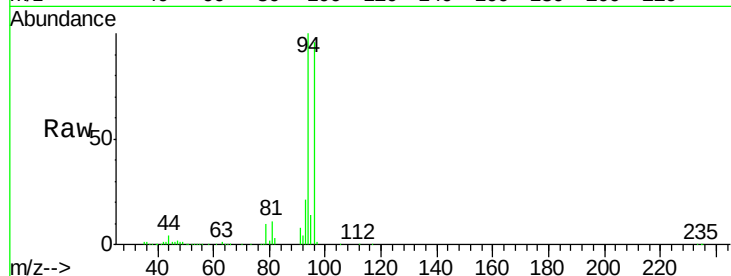
96 96.3 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 49.27 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001657.D

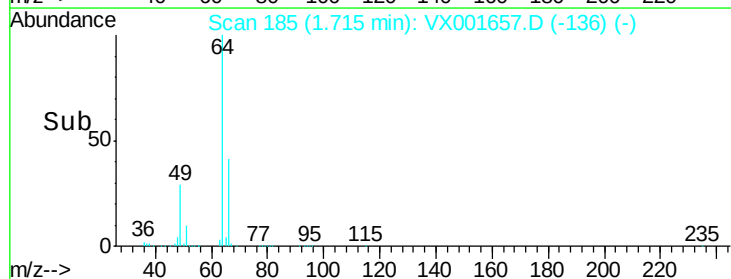
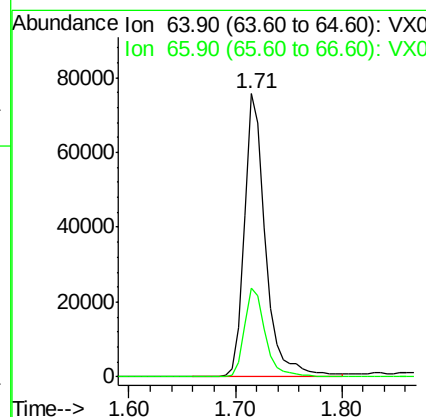
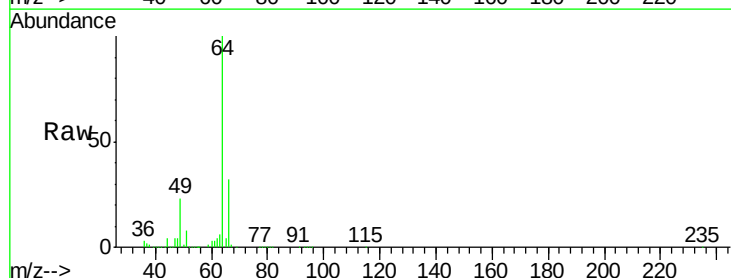
Acq: 11 May 2018 23:15

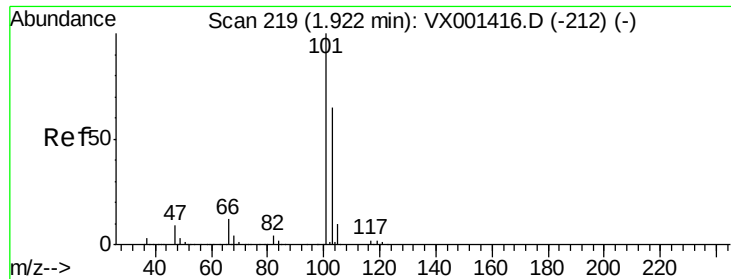
Tgt Ion: 64 Resp: 105408

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7





#7

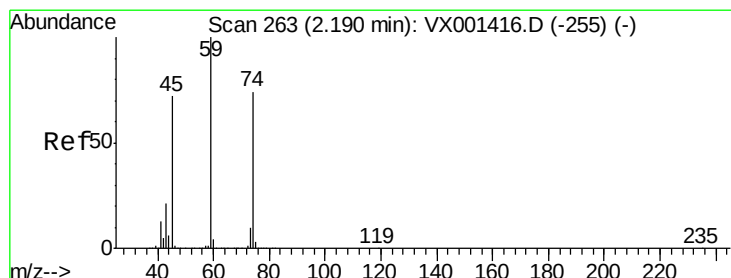
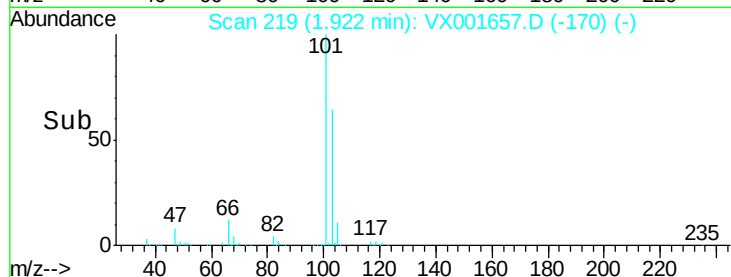
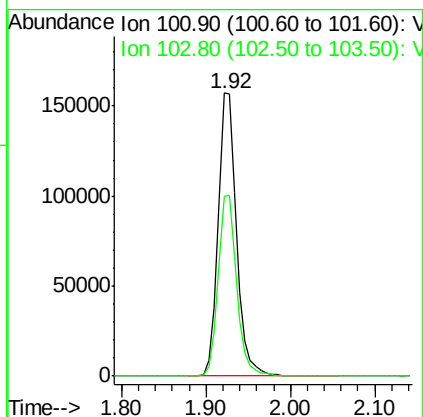
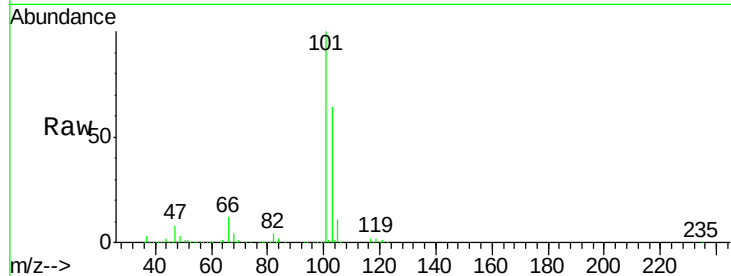
Trichlorofluoromethane
 Concen: 48.86 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001657.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	237961		
103	63.6	52.0	78.0	

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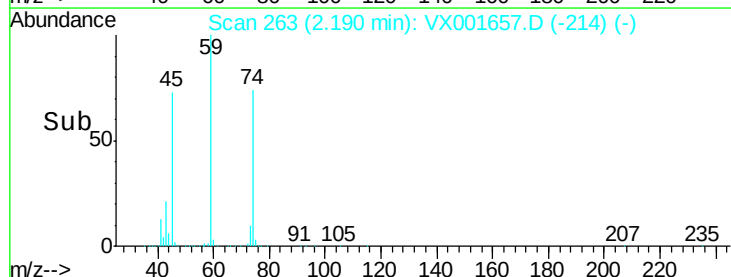
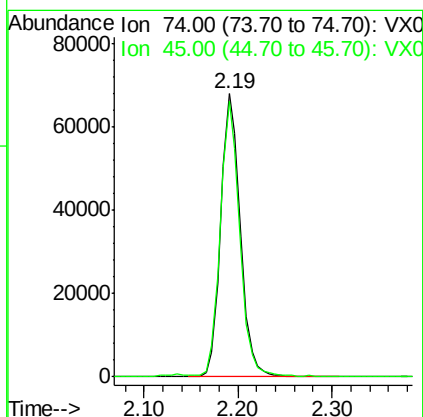
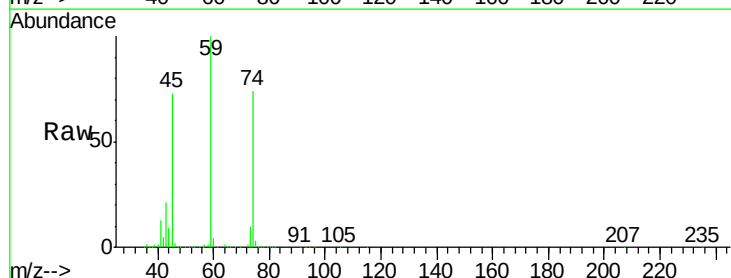
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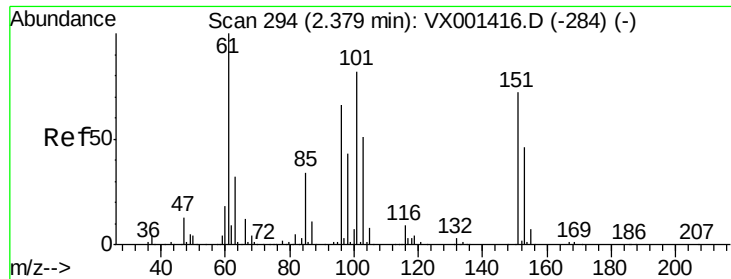


#8

Diethyl Ether
 Concen: 51.32 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	97966		
45	95.6	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

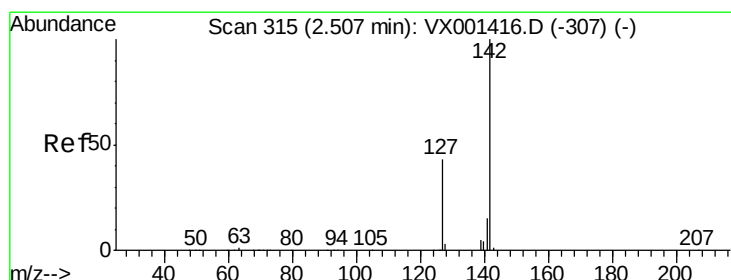
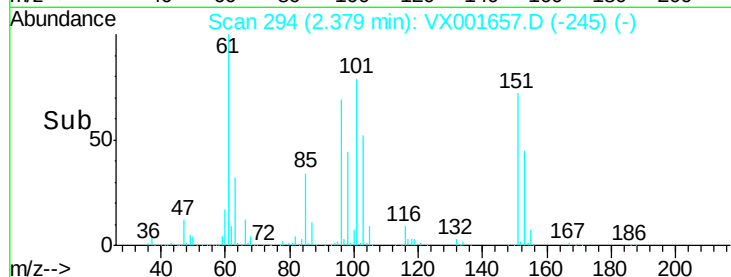
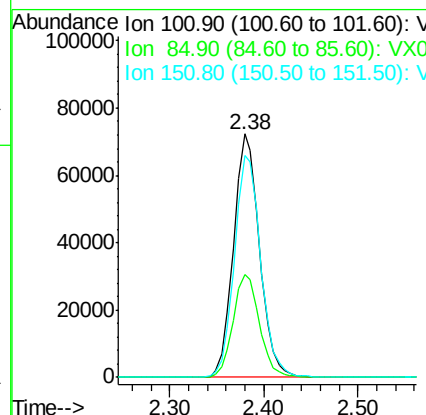
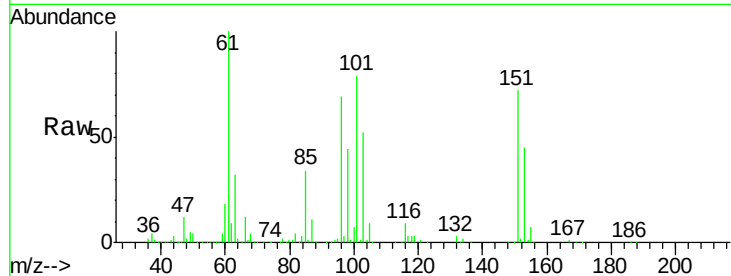
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	138351
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	92.3	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 39.69 ug/l

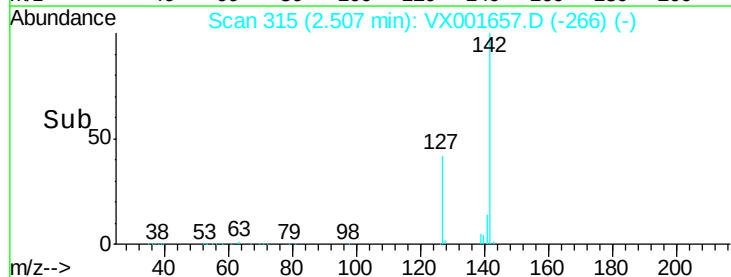
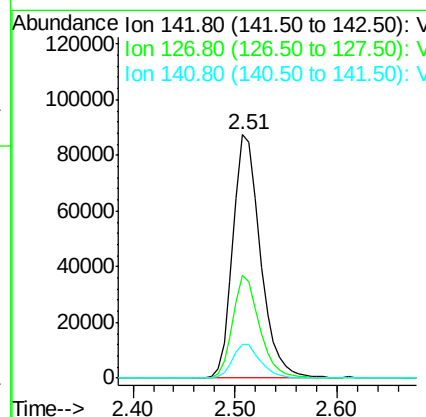
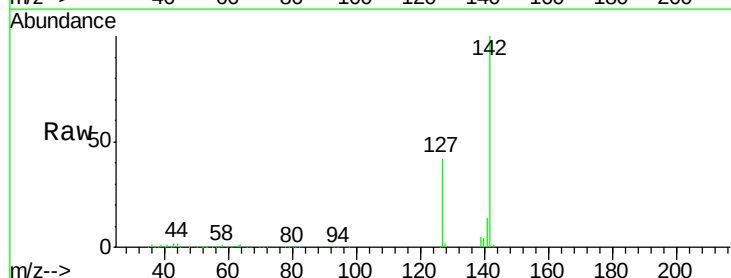
RT: 2.51 min Scan# 315

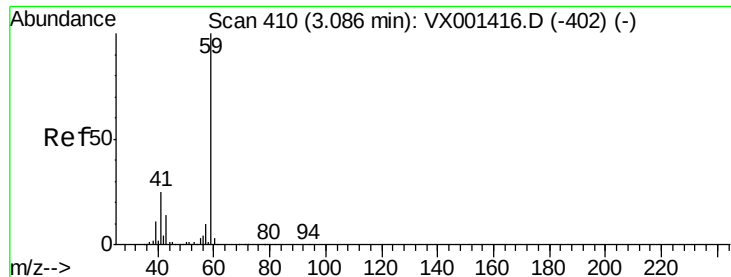
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	142	Resp:	163548
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.6	50.4
141	14.1	11.4	17.2





#11

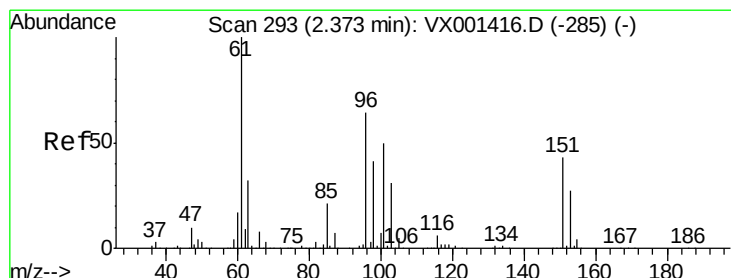
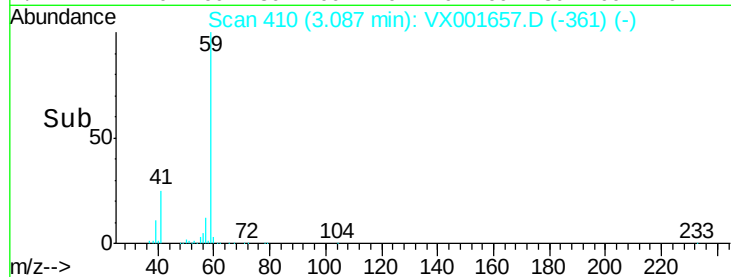
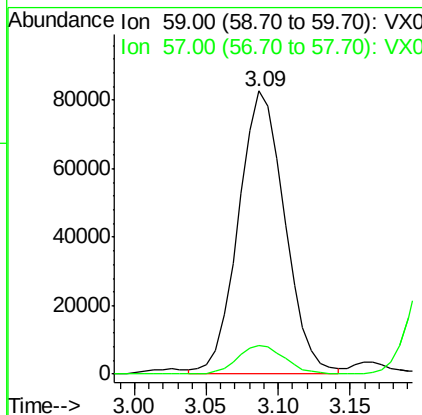
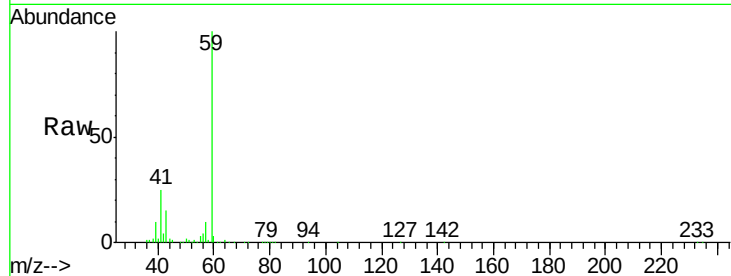
Tert butyl alcohol
 Concen: 258.03 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	184949
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.4

Manual Integrations
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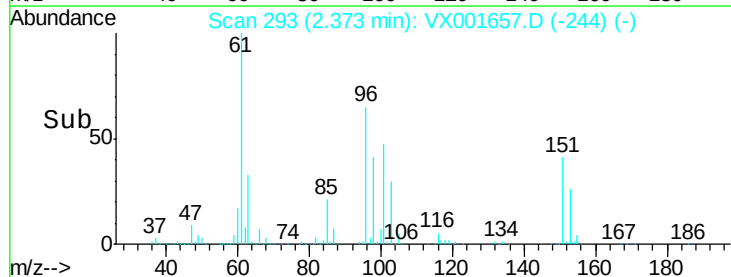
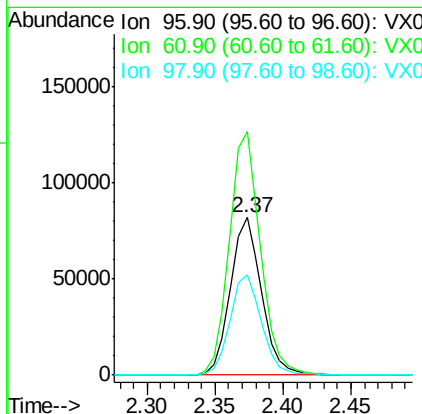
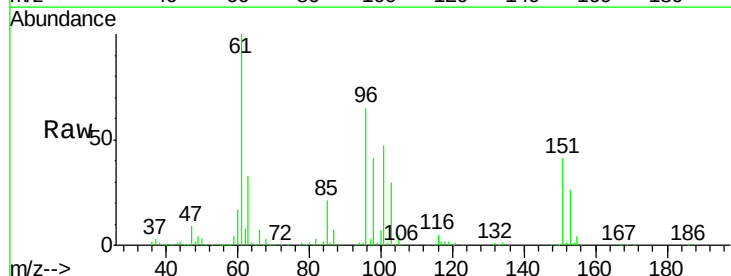
apatel
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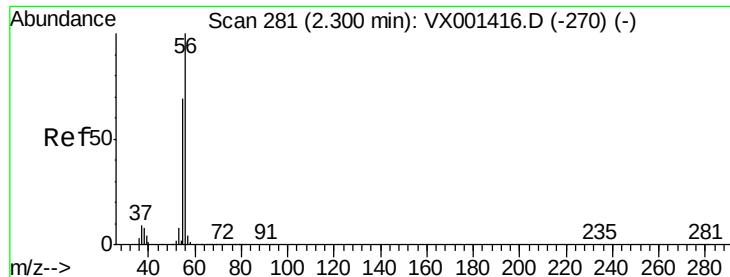


#12

1,1-Dichloroethene
 Concen: 49.88 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	96	Resp	130559
Ion Ratio	100	Lower	Upper
61	154.7	125.7	188.5
98	64.1	52.0	78.0





#13

Acrolein

Concen: 177.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 25501

Ion Ratio Lower Upper

56 100

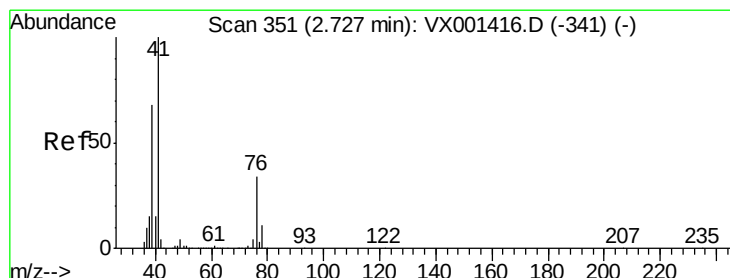
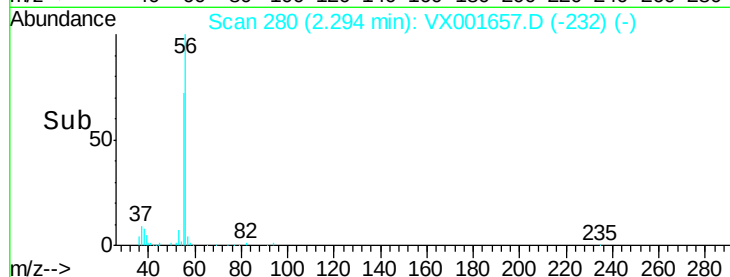
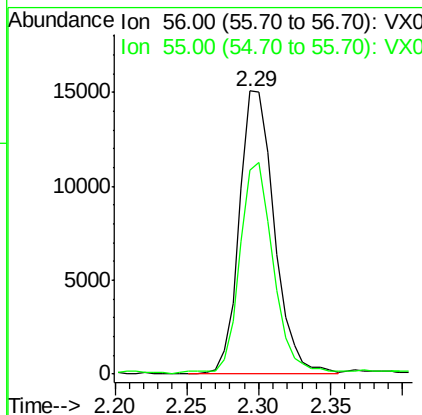
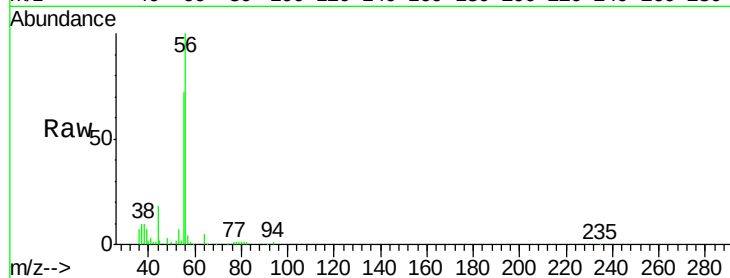
55 72.6 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 51.05 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

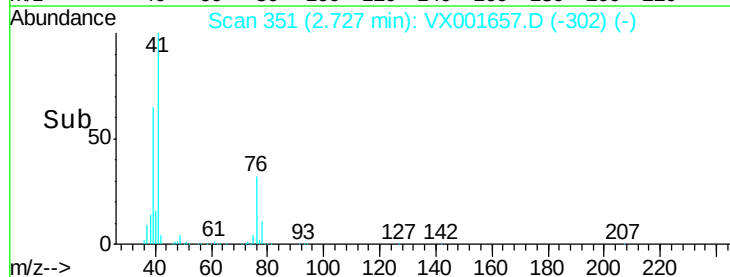
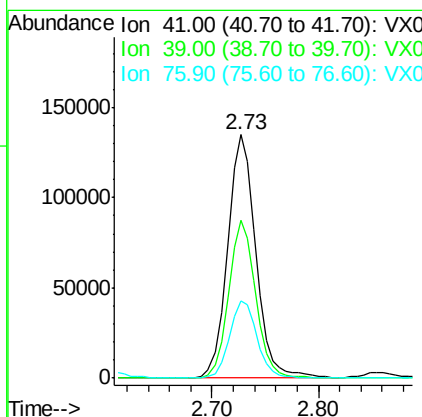
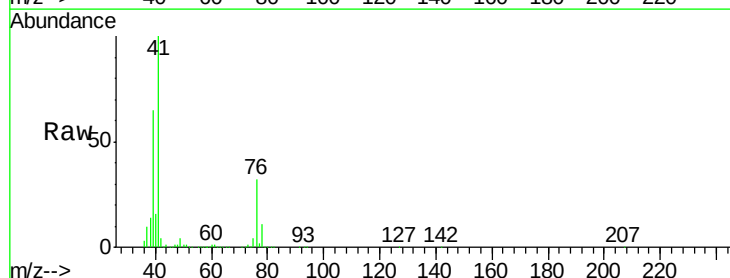
Tgt Ion: 41 Resp: 249132

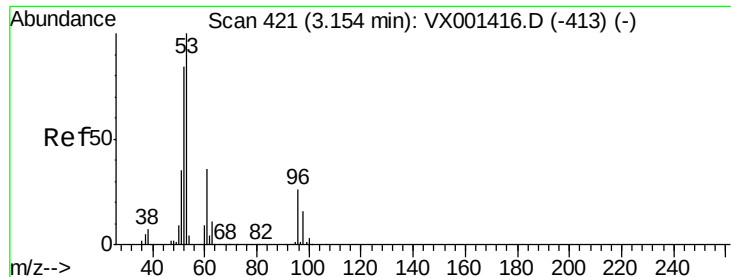
Ion Ratio Lower Upper

41 100

39 62.1 52.4 78.6

76 31.4 25.8 38.6





#15

Acrylonitrile

Concen: 261.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

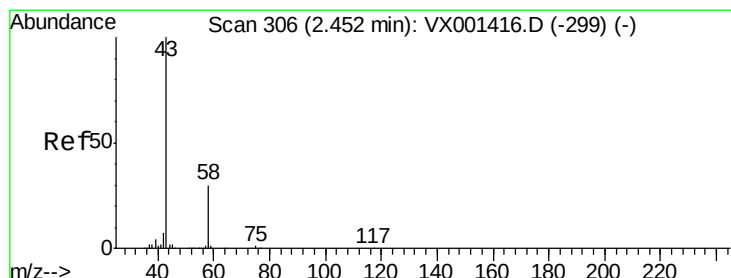
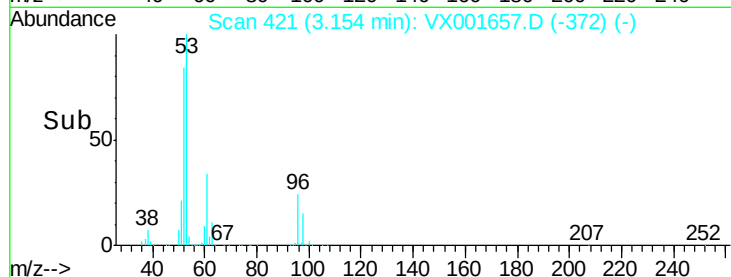
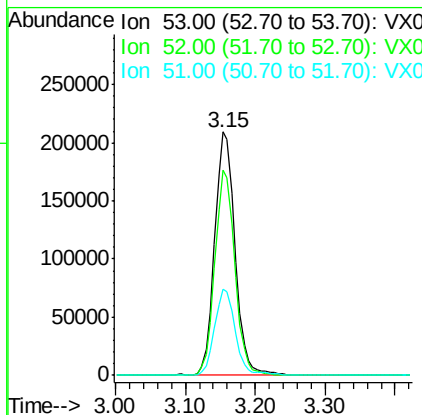
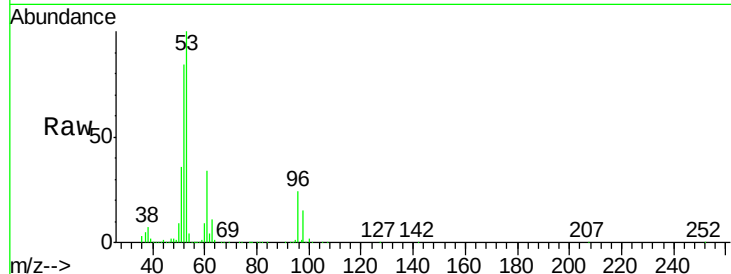
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	423123
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 240.88 ug/l

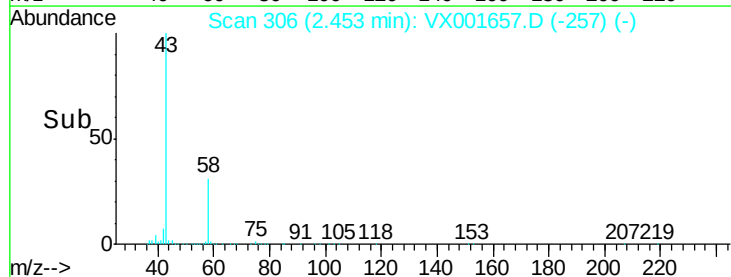
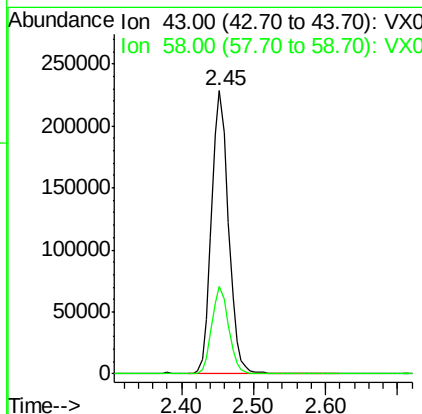
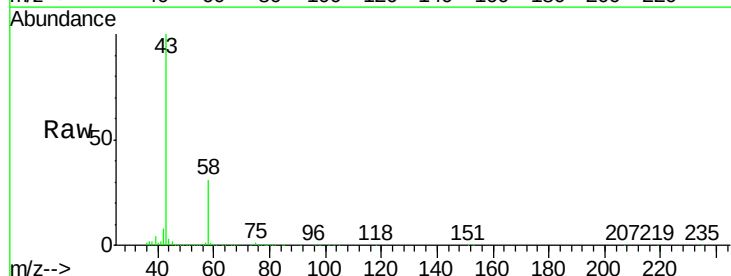
RT: 2.45 min Scan# 306

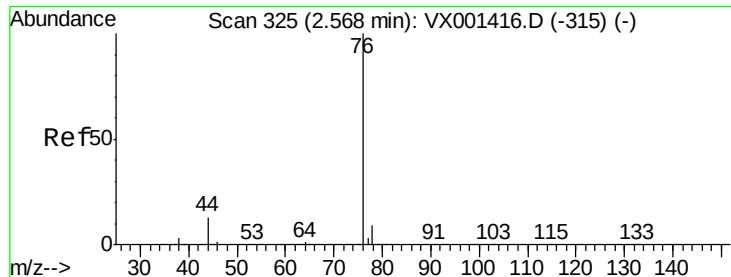
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	43	Resp:	371847
Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.8





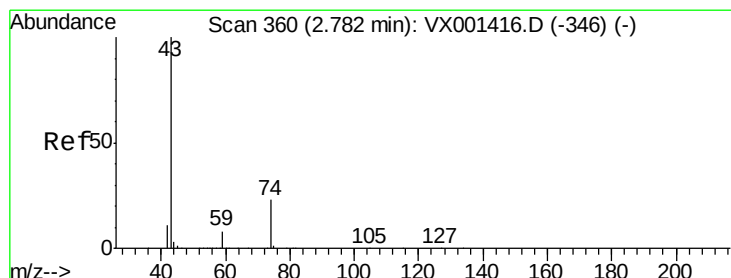
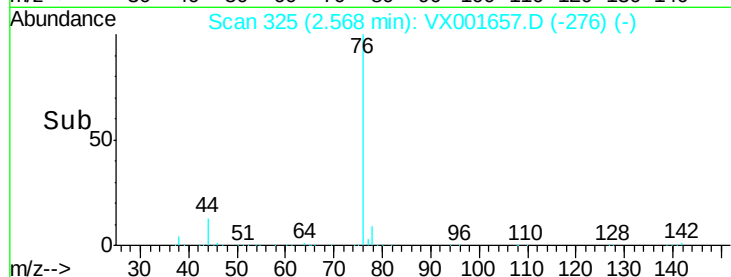
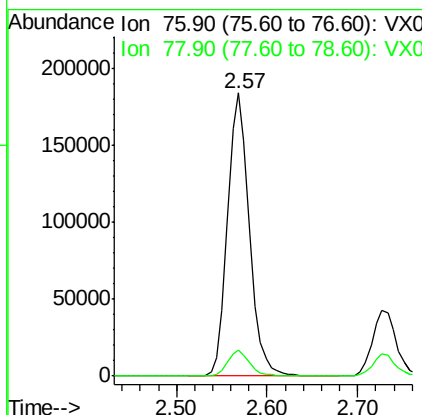
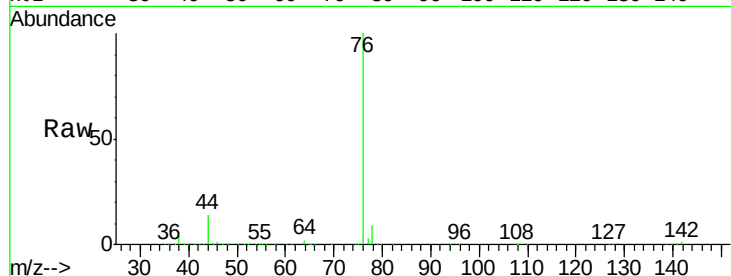
#17
Carbon Disulfide
Concen: 46.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

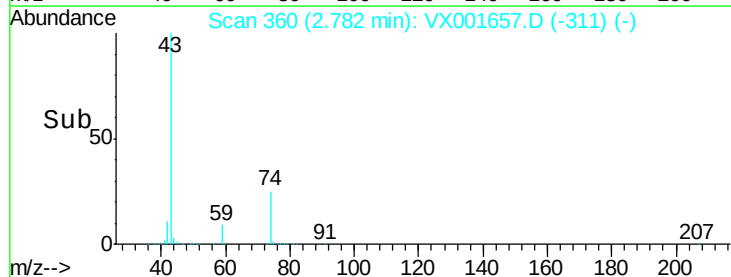
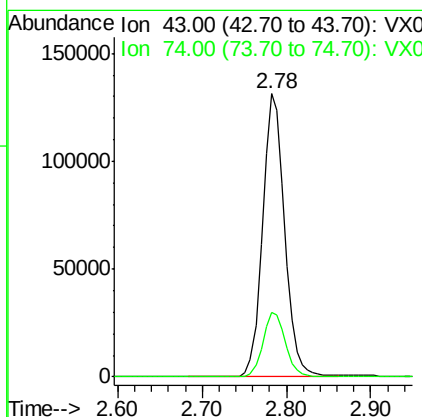
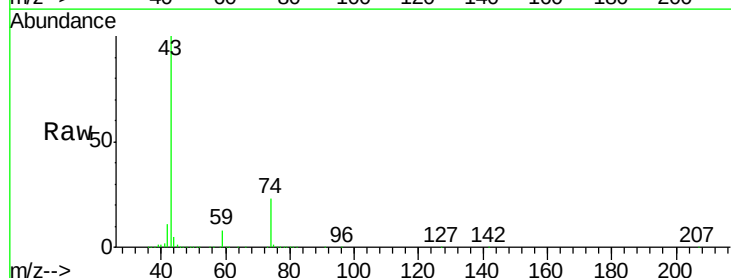
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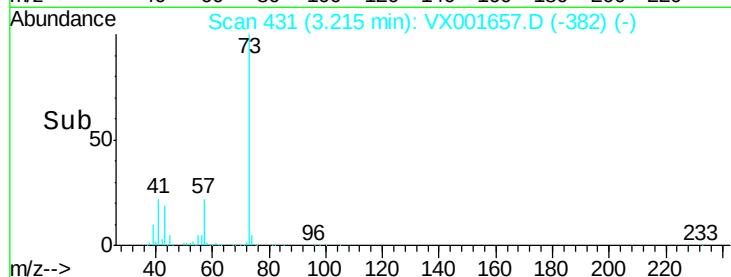
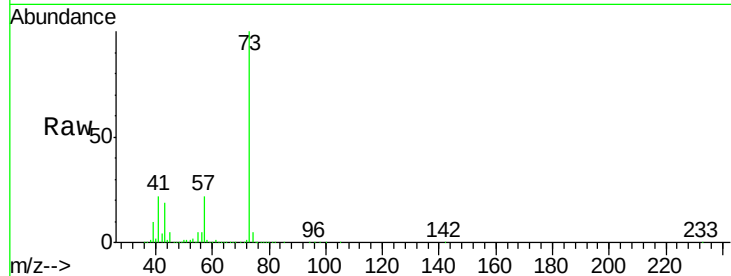
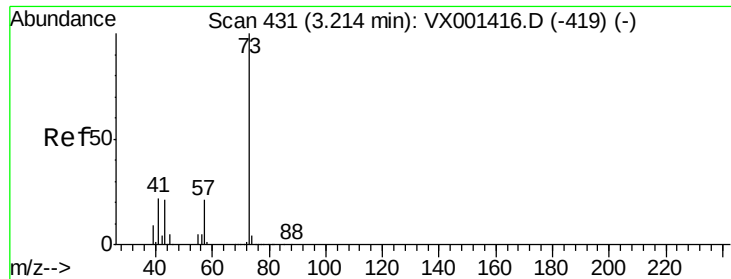
apatel
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#18
Methyl Acetate
Concen: 58.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	27.8





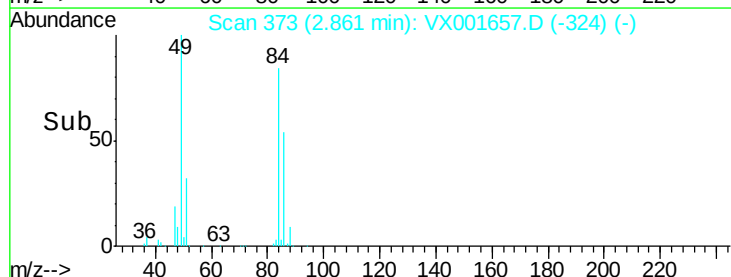
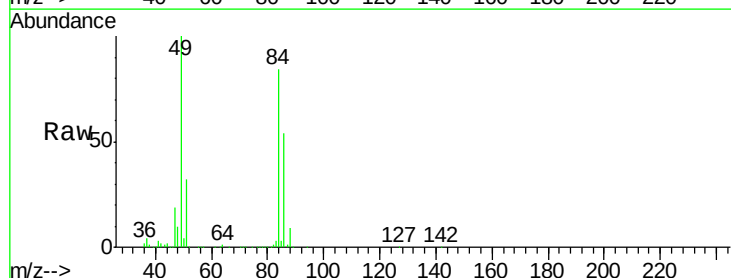
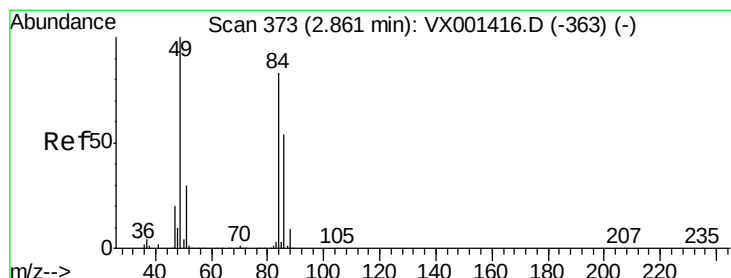
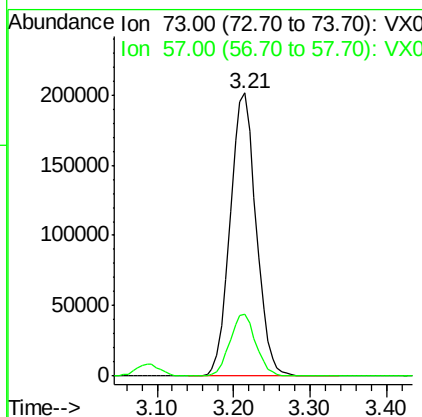
#19
Methyl tert-butyl Ether
Concen: 51.91 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tot Ion	73	Resp	473058
Ion Ratio	100	Lower	Upper
73	100	17.0	25.6
57	21.9		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

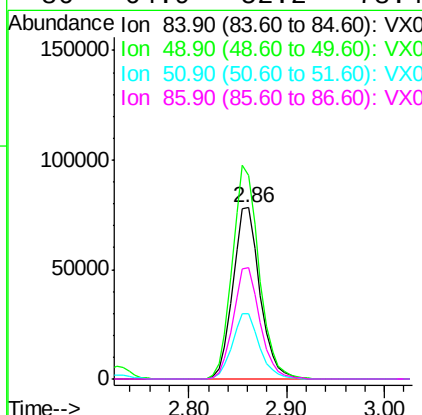
Manual Integrations
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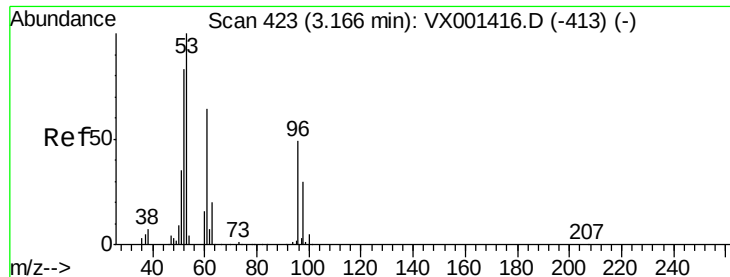
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#20
Methylene Chloride
Concen: 49.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	84	Resp	150639
Ion Ratio	100	Lower	Upper
84	100	96.6	144.8
49	119.4	29.0	43.4
51	37.8	52.2	78.4
86	64.9		





#21

trans-1,2-Dichloroethene

Concen: 47.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

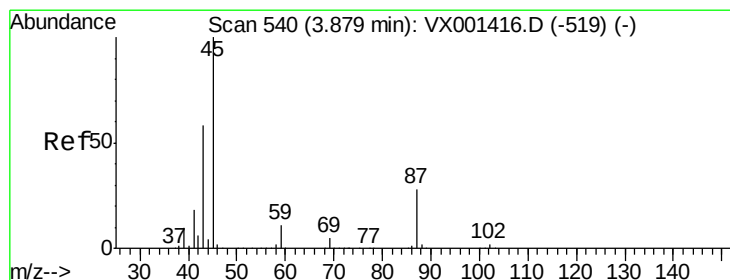
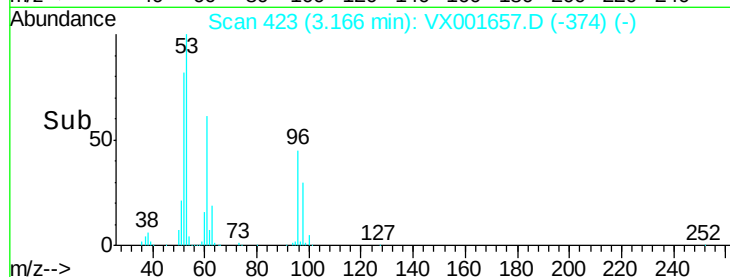
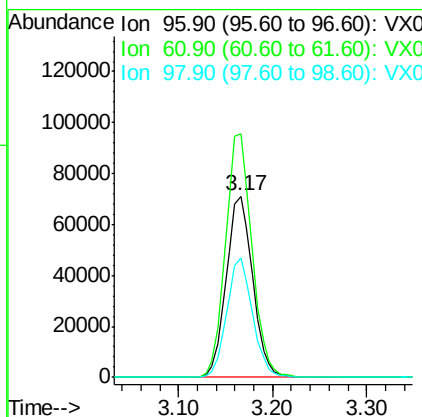
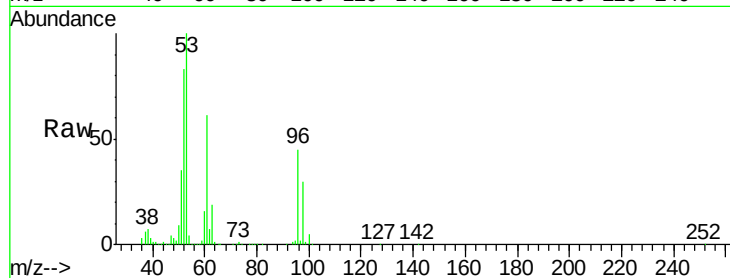
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	138767
Ion	Ratio	Lower	Upper
96	100		
61	134.4	105.0	157.4
98	65.9	49.9	74.9

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#22

Diisopropyl ether

Concen: 53.06 ug/l

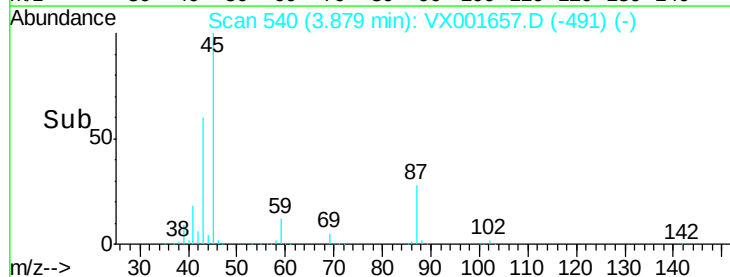
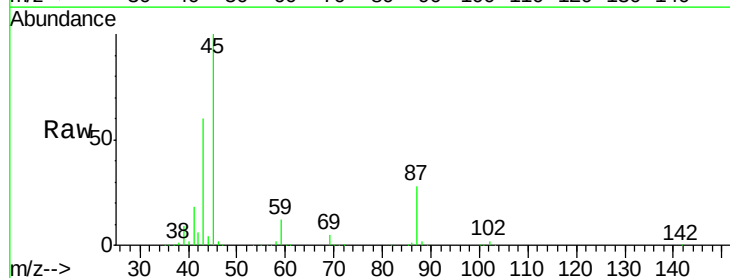
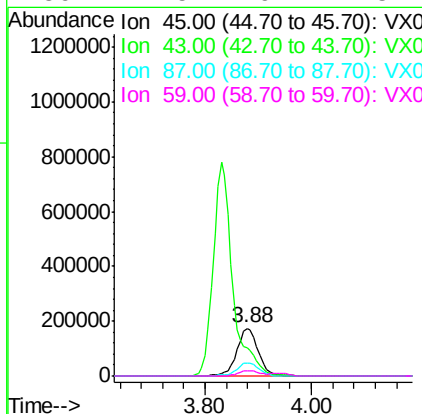
RT: 3.88 min Scan# 540

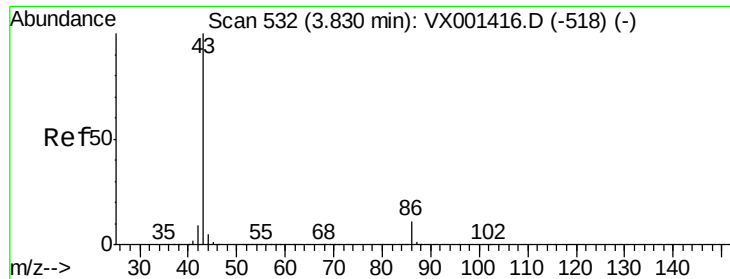
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	45	Resp:	483829
Ion	Ratio	Lower	Upper
45	100		
43	59.8	46.5	69.7
87	28.0	22.6	34.0
59	11.5	9.1	13.7





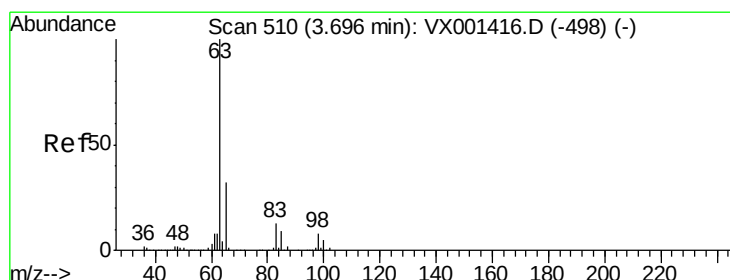
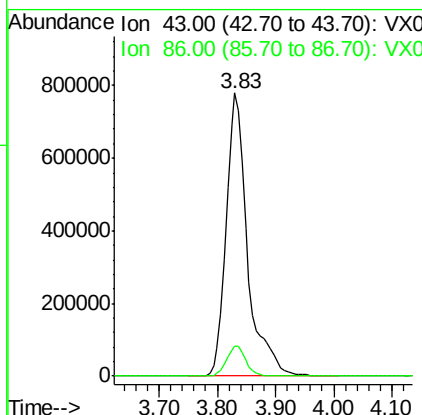
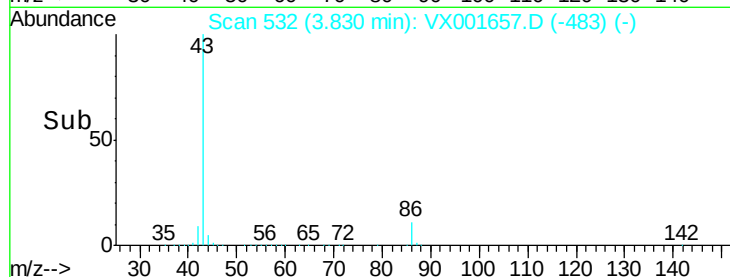
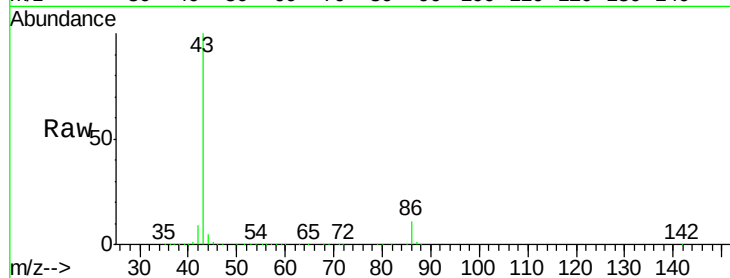
#23
 Vinyl Acetate
 Concen: 262.00 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1990860
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0

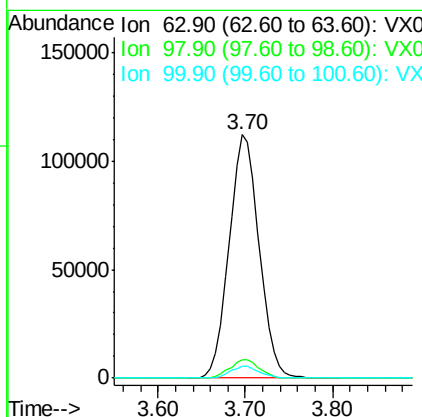
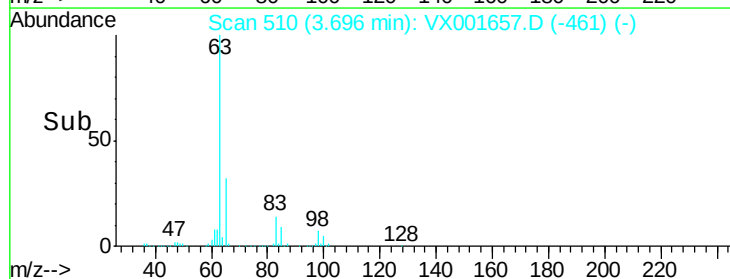
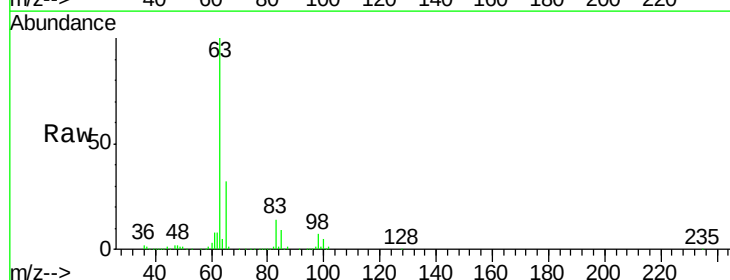
Manual Integrations
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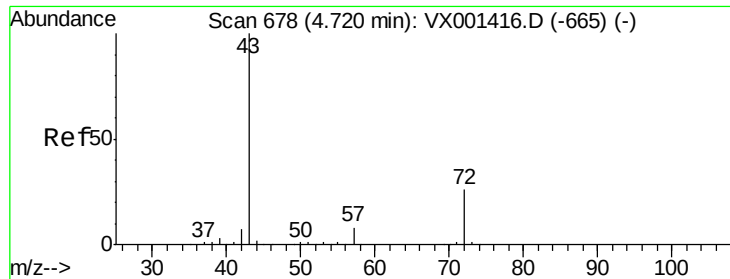
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#24
 1,1-Dichloroethane
 Concen: 52.47 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 63 Resp: 267228
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 260.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 581733

Ion Ratio Lower Upper

43 100

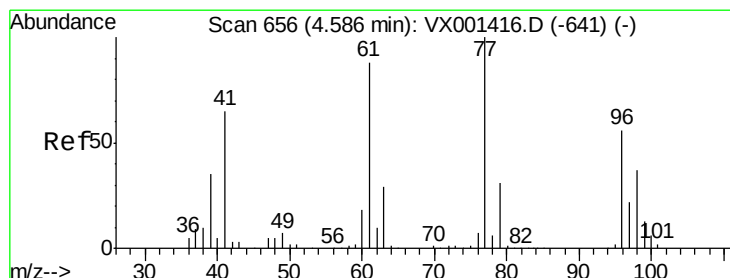
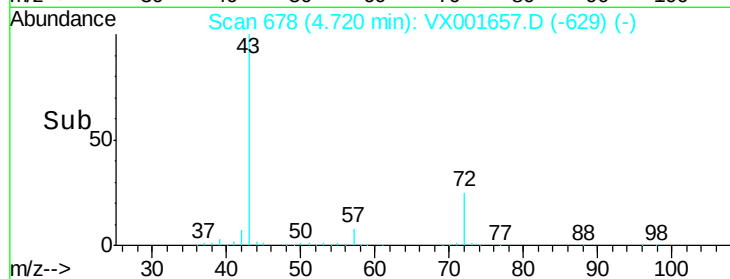
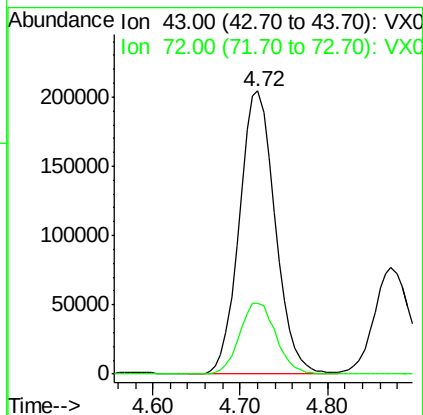
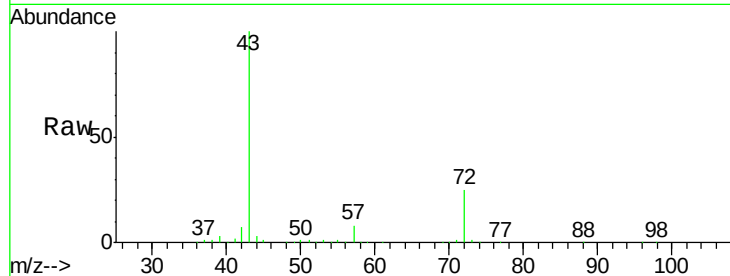
72 24.9 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001657.D

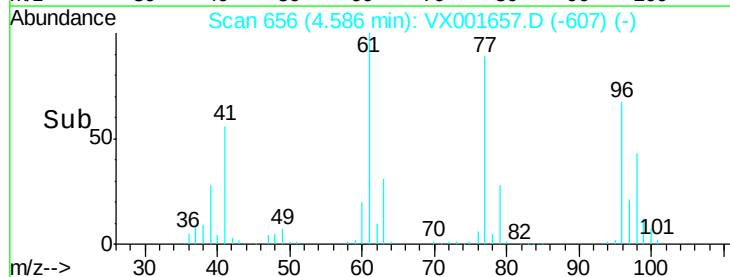
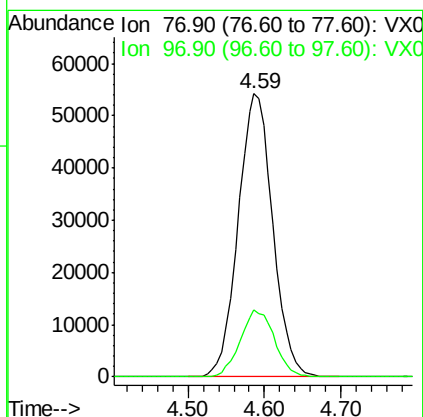
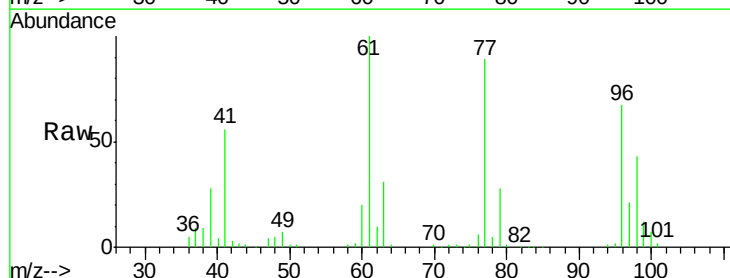
Acq: 11 May 2018 23:15

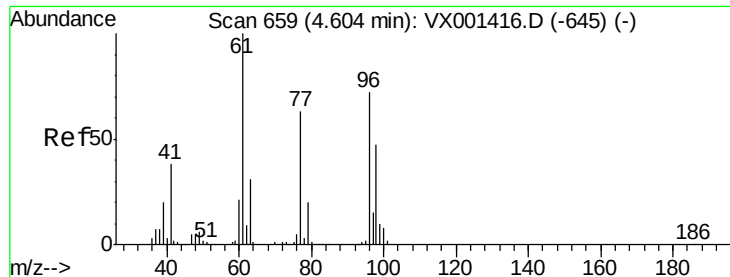
Tgt Ion: 77 Resp: 169695

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 54.22 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 168678

Ion Ratio Lower Upper

96 100

61 141.1 0.0 301.6

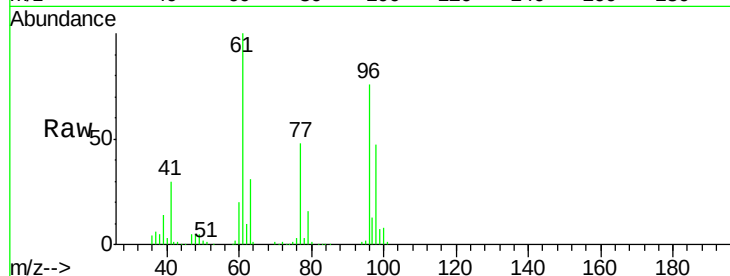
98 64.7 0.0 131.6

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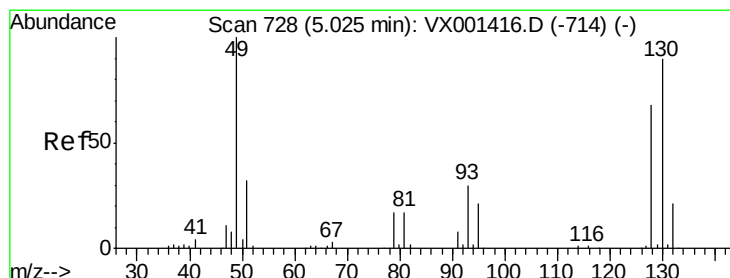
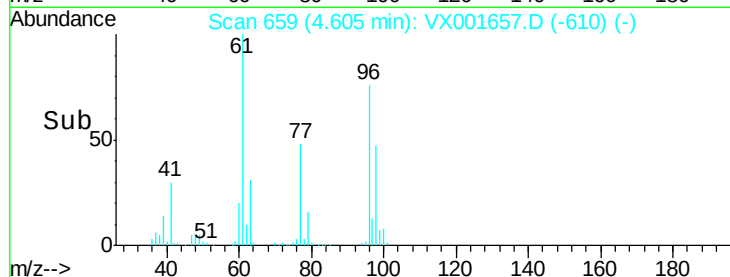
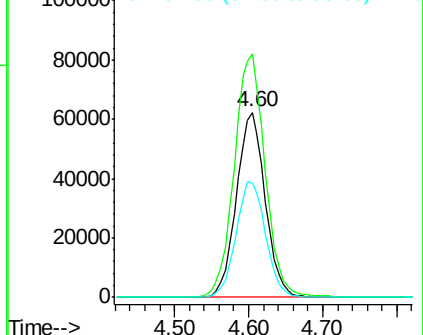
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.83 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

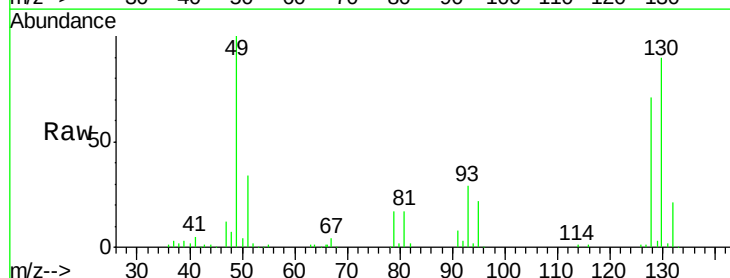
Tgt Ion: 49 Resp: 114460

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

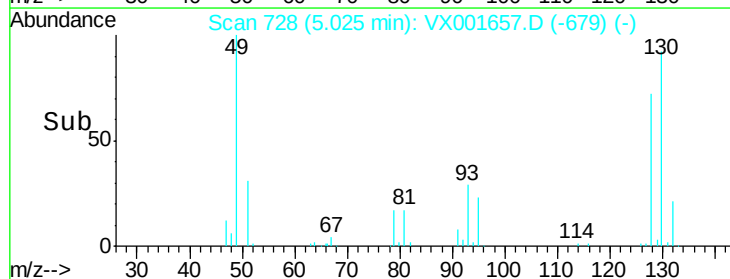
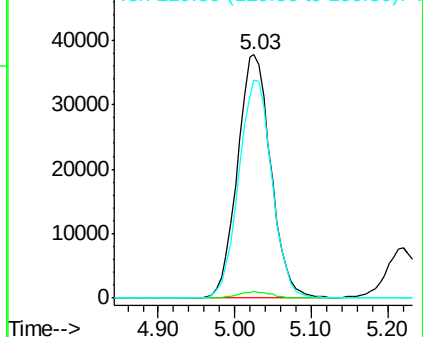
130 88.9 71.9 107.9

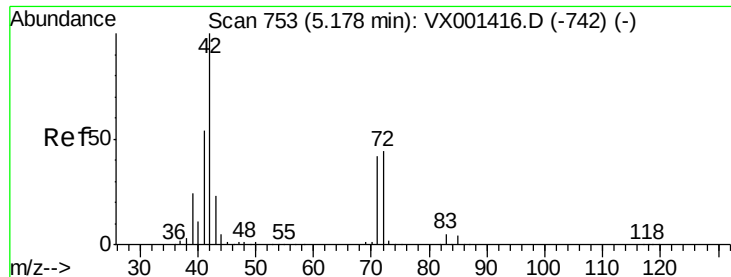


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





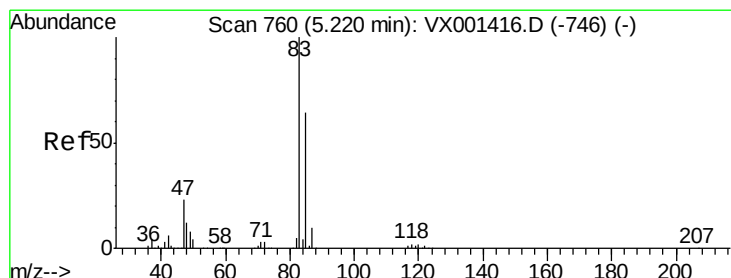
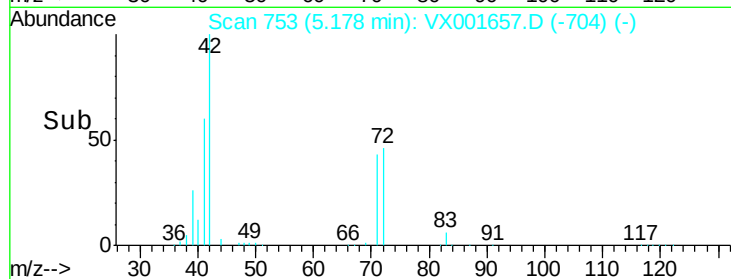
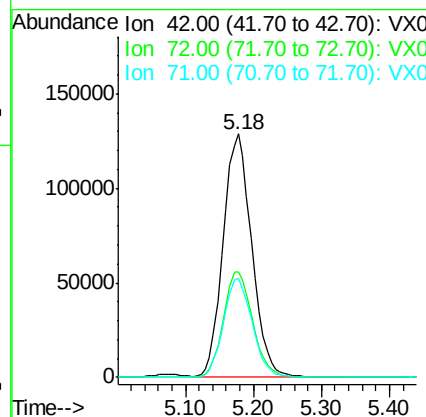
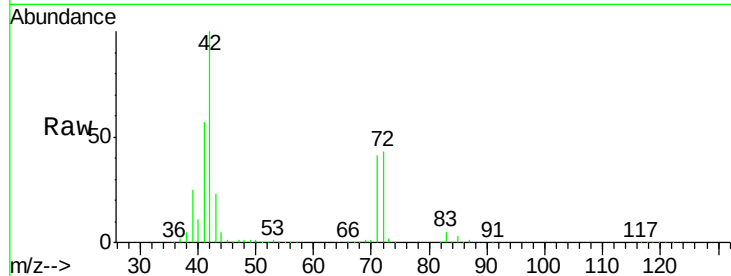
#29
Tetrahydrofuran
Concen: 262.71 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.4	53.2
71	40.9	33.0	49.4

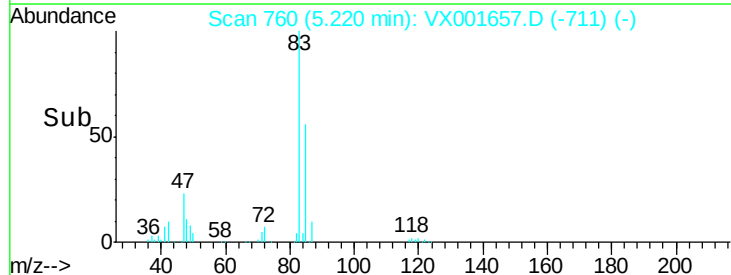
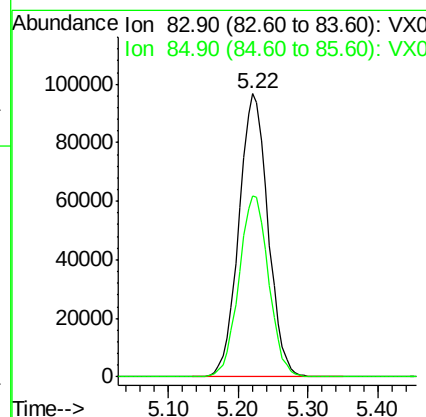
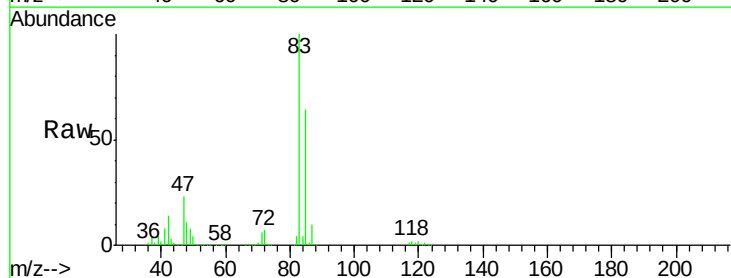
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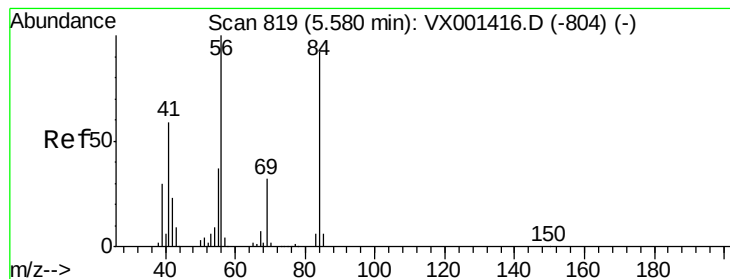
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#30
Chloroform
Concen: 53.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.4





#31

Cyclohexane

Concen: 50.31 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

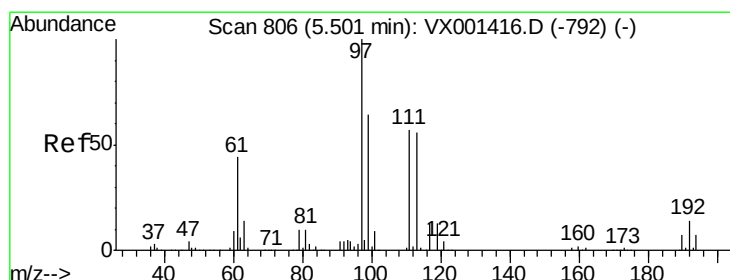
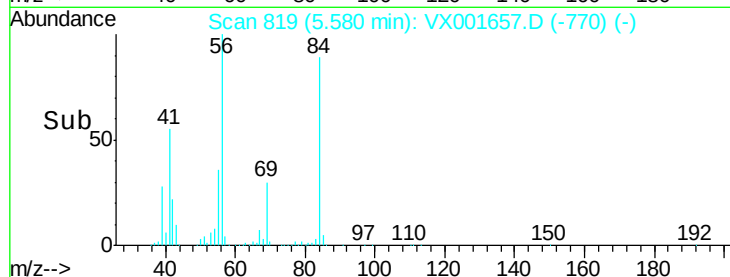
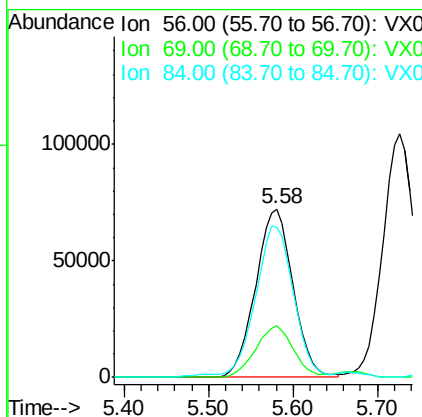
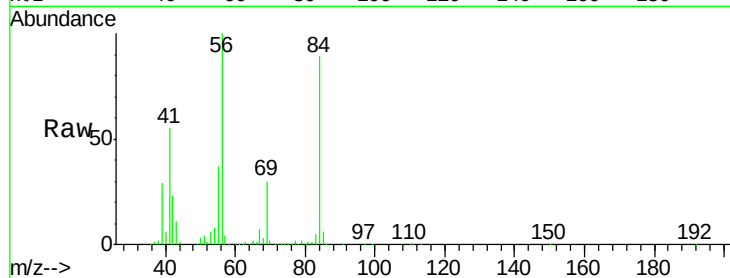
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	220069
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.4	38.0
84	88.3	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.30 ug/l

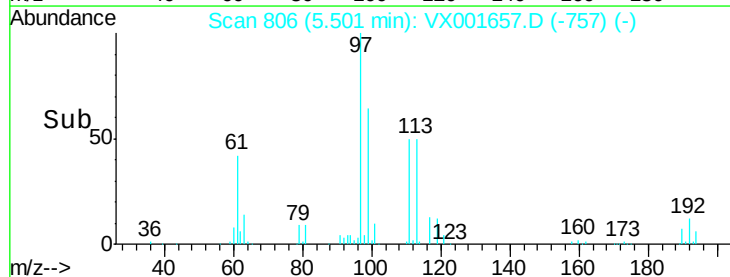
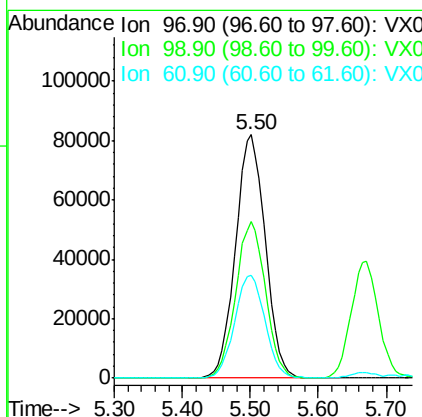
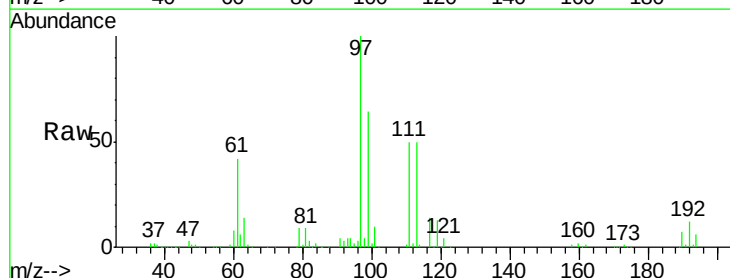
RT: 5.50 min Scan# 806

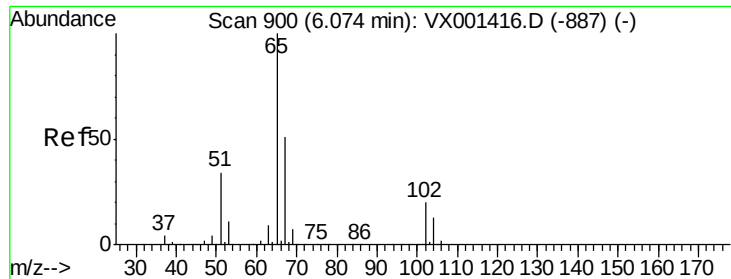
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	97	Resp:	248987
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	43.0	34.8	52.2





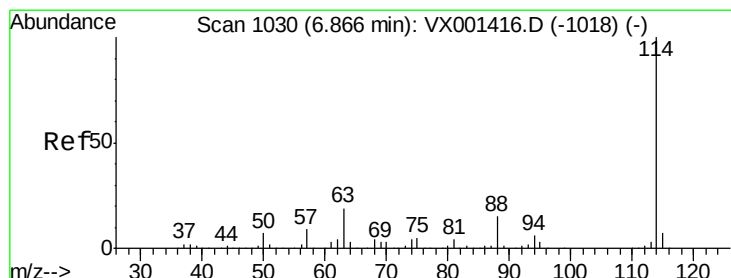
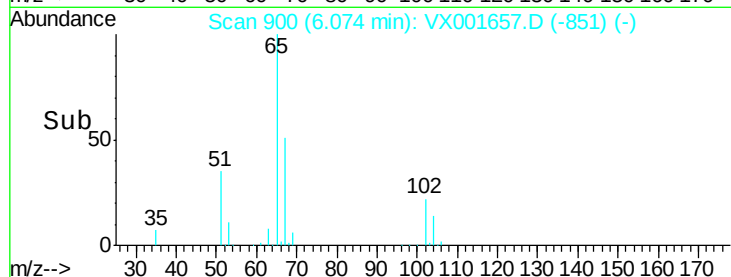
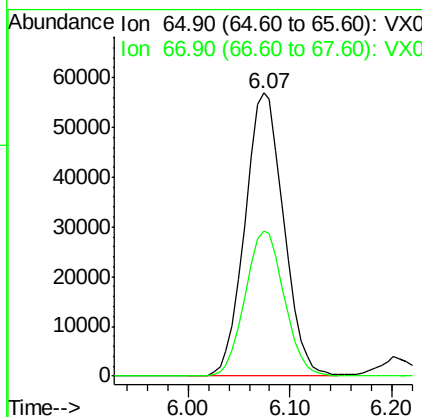
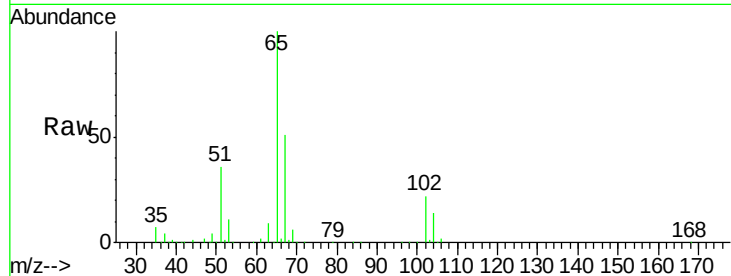
#33
 1,2-Dichloroethane-d4
 Concen: 44.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8

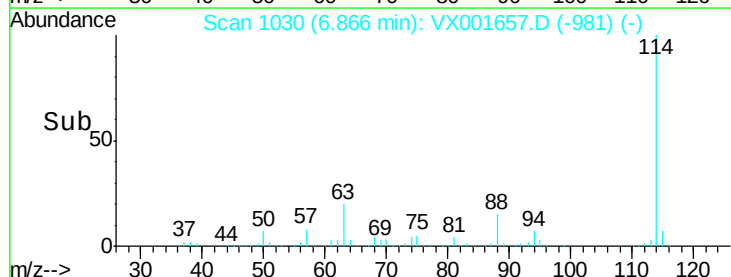
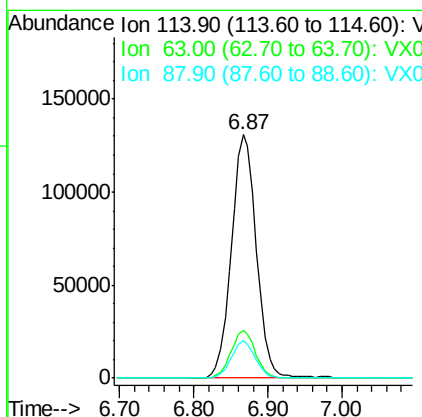
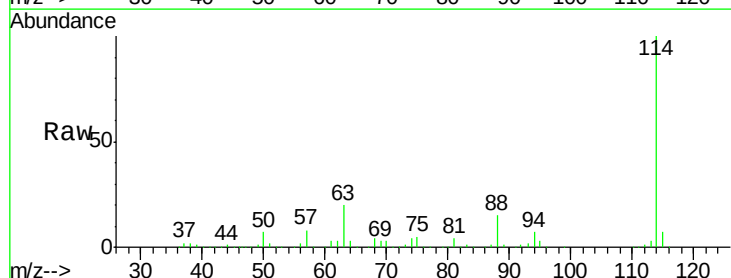
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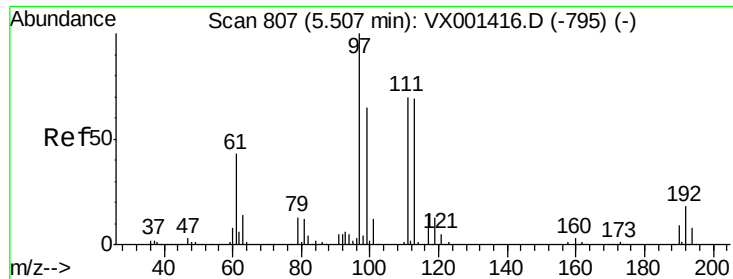
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.2	0.0	30.8





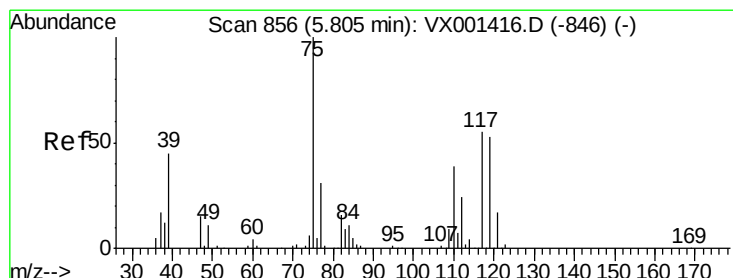
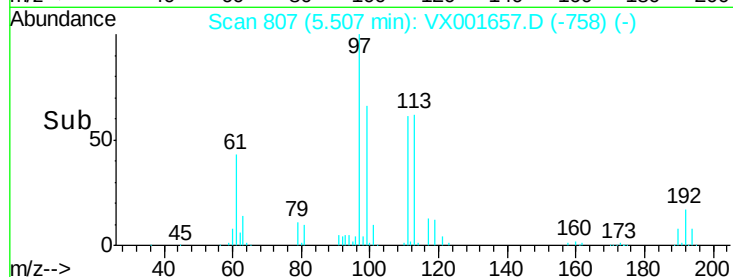
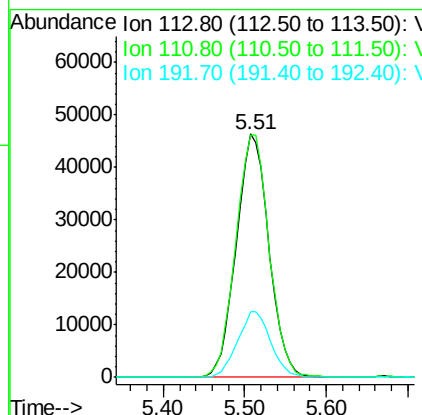
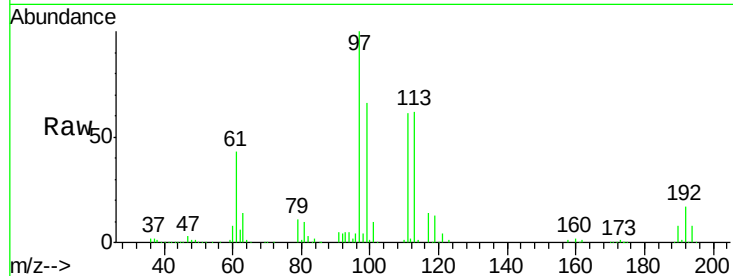
#35
 Dibromofluoromethane
 Concen: 47.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128530		
111	101.8	82.2	123.2	
192	27.3	21.4	32.0	

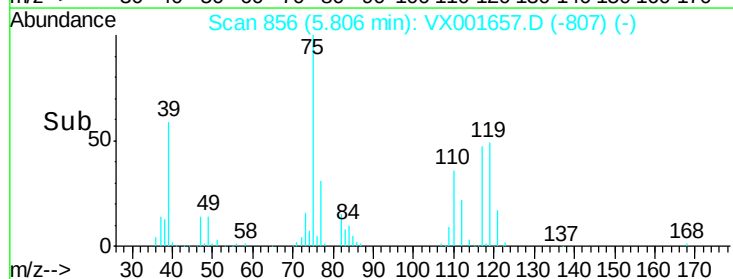
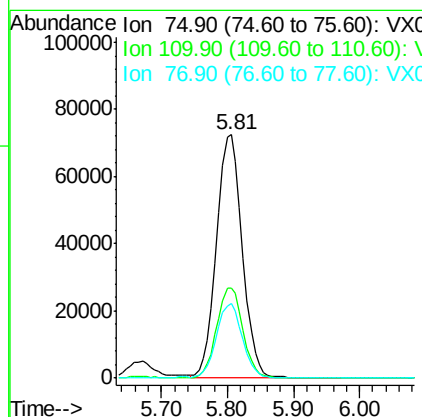
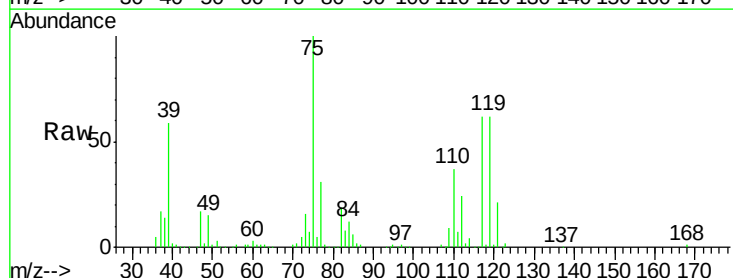
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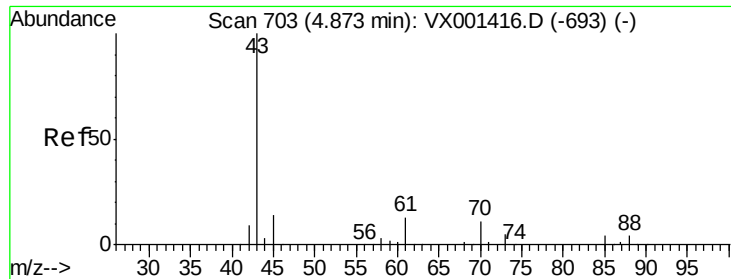
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.07 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195763		
110	37.8	18.9	56.7	
77	30.5	24.9	37.3	





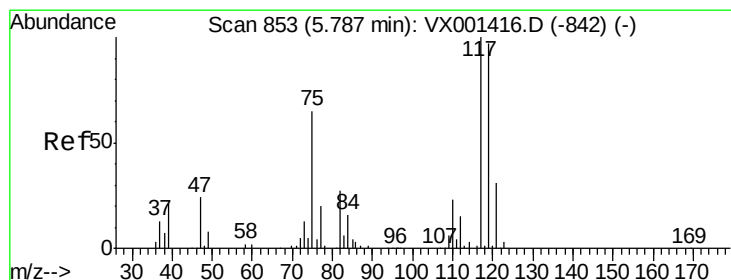
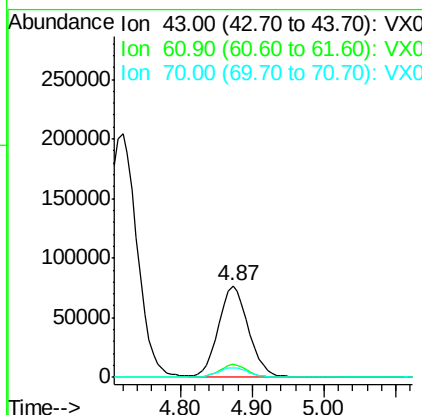
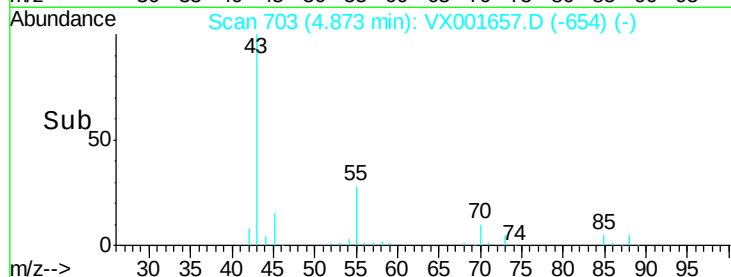
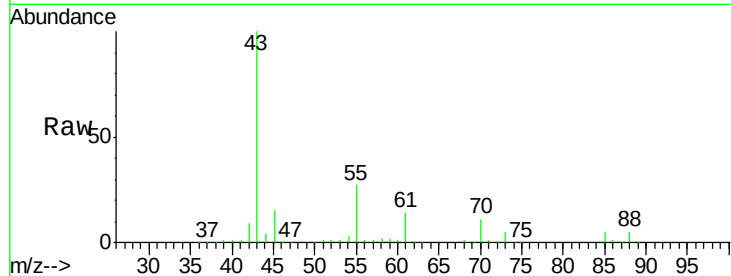
#37
Ethyl Acetate
Concen: 51.81 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	222060
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.7	8.4	12.6

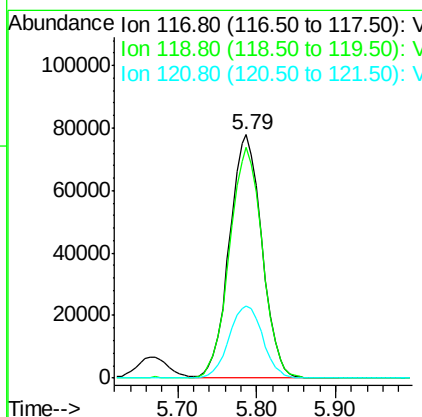
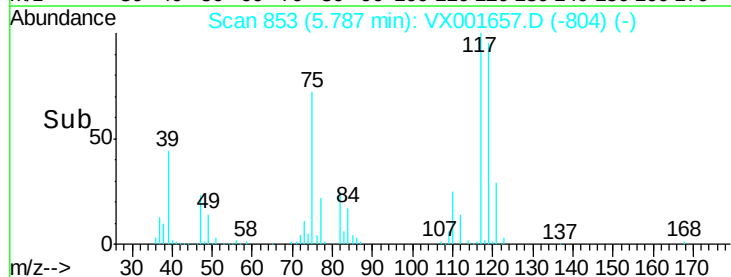
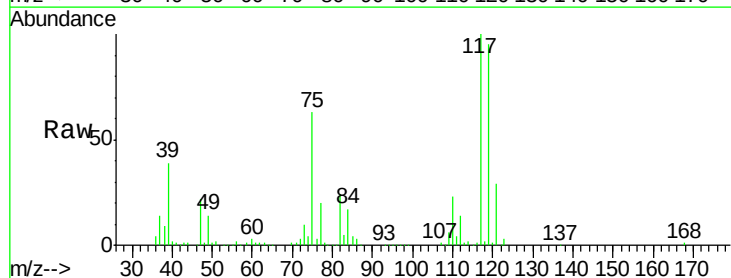
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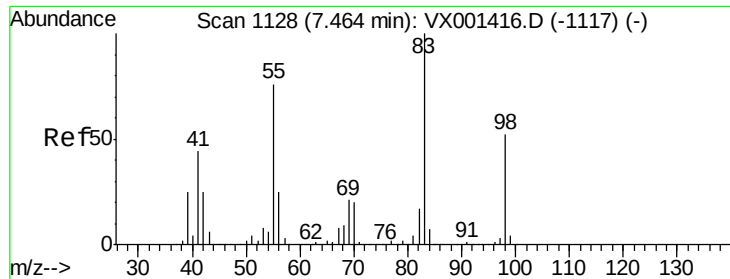
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#38
Carbon Tetrachloride
Concen: 53.58 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:	117	Resp:	223428
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
121	29.5	25.1	37.7





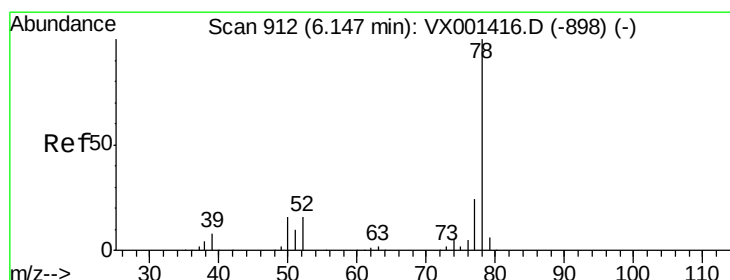
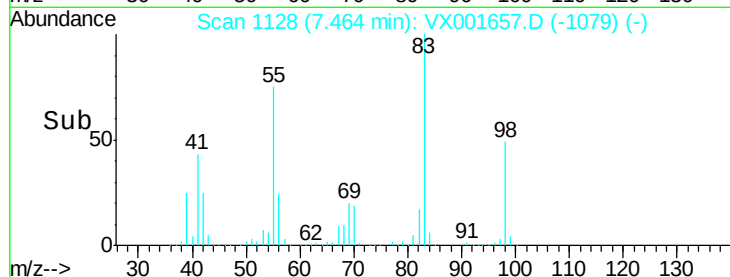
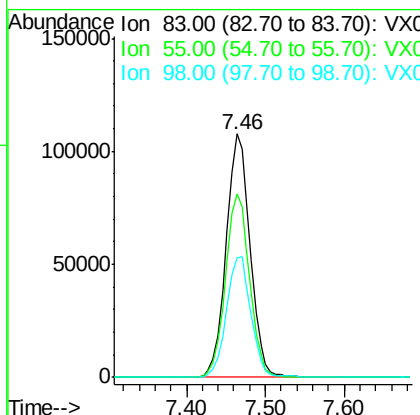
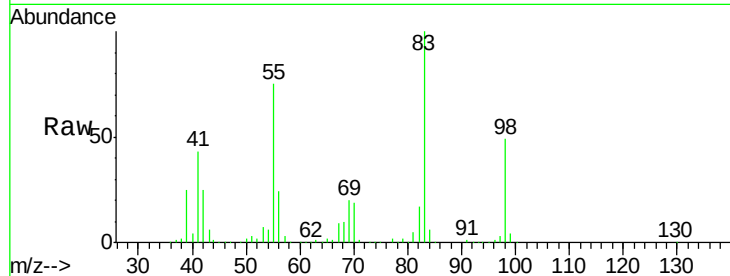
#39
Methylvlcyclohexane
Concen: 49.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227308		
55	75.3	60.9	91.3	
98	49.2	41.9	62.9	

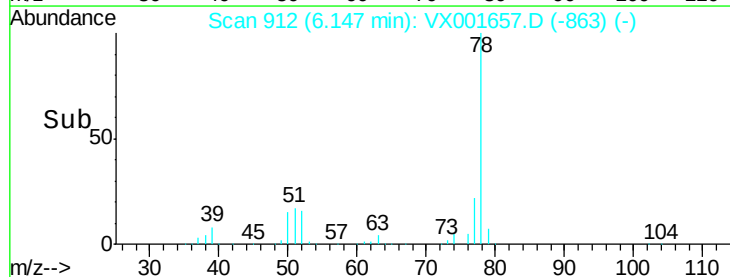
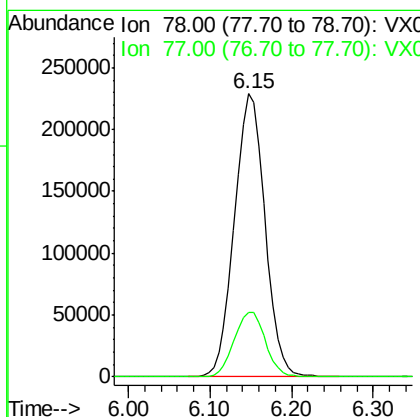
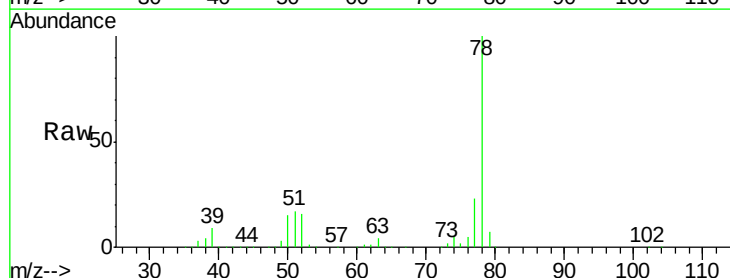
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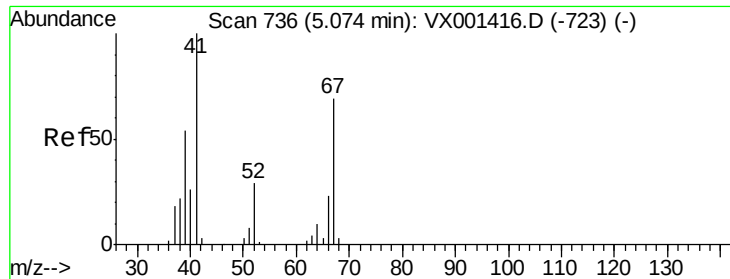
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#40
Benzene
Concen: 52.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	595244		
77	22.8	19.4	29.2	





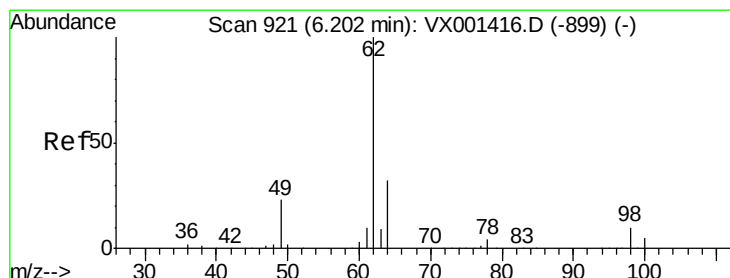
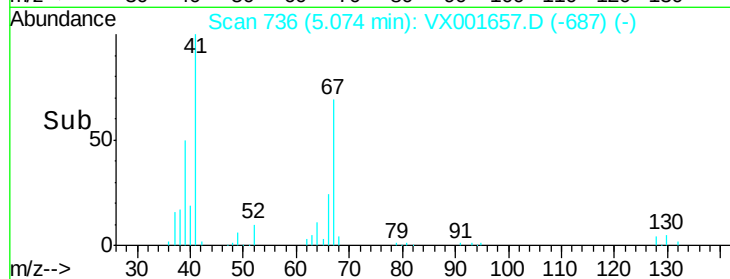
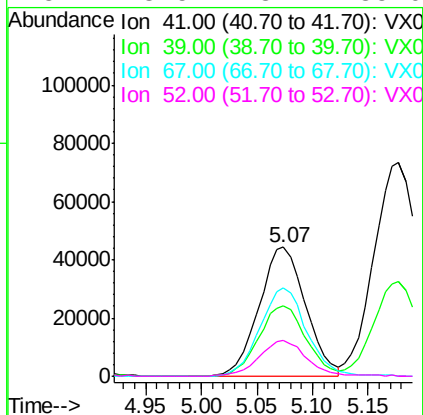
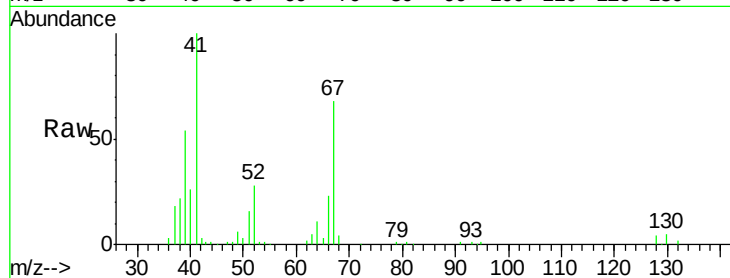
#41
Methacrylonitrile
Concen: 52.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.4	45.0	67.6		
67	69.3	55.0	82.6		
52	28.5	23.4	35.0		

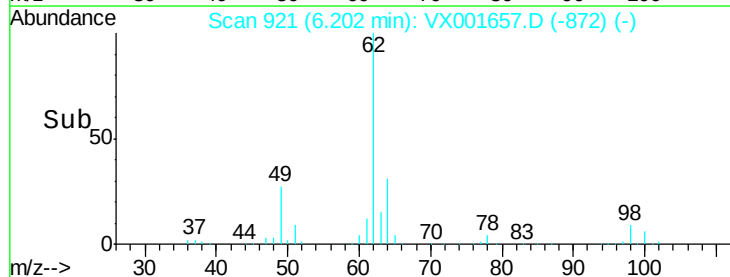
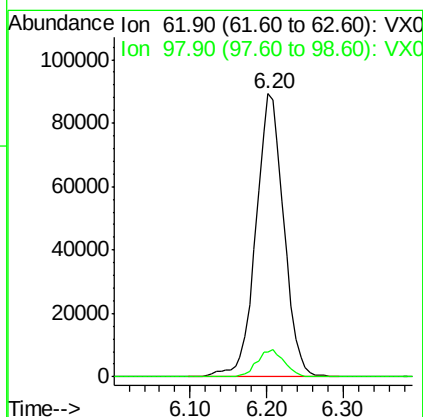
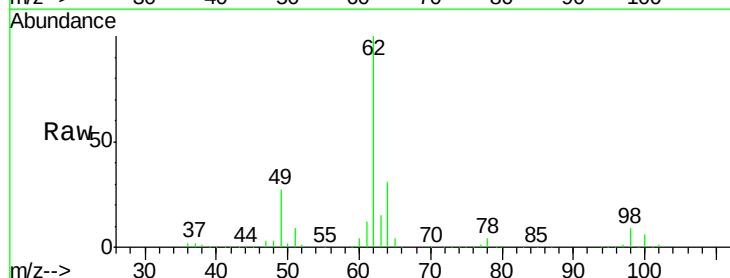
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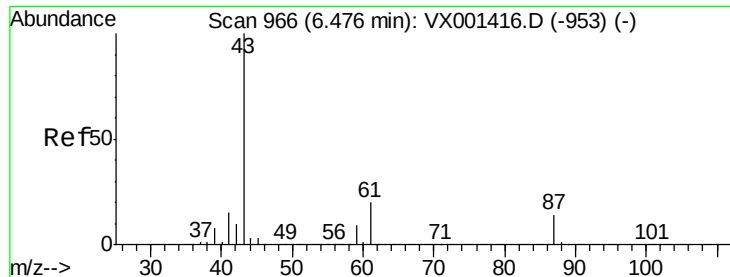
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#42
1,2-Dichloroethane
Concen: 51.95 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.4	0.0	19.0		





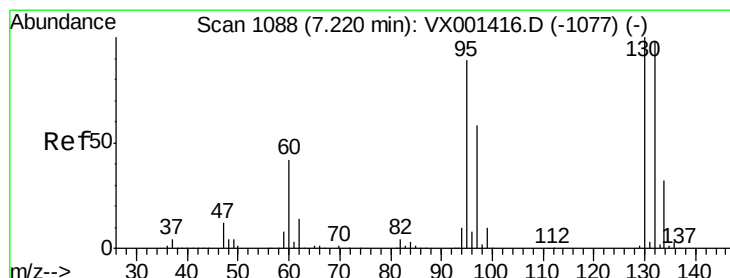
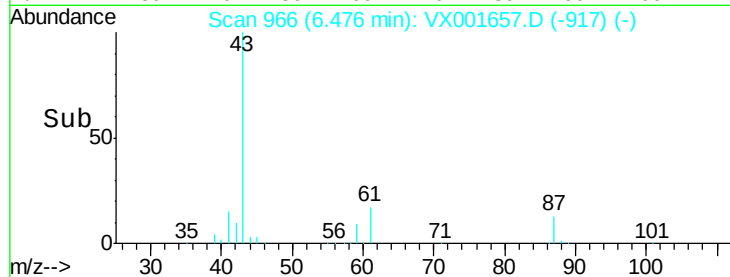
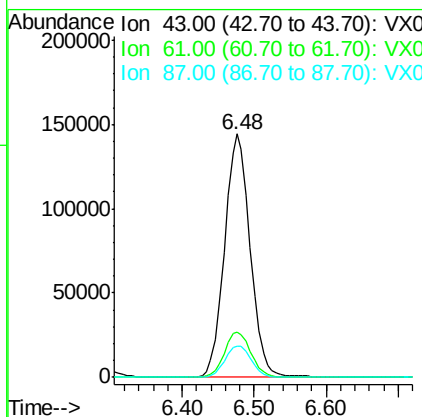
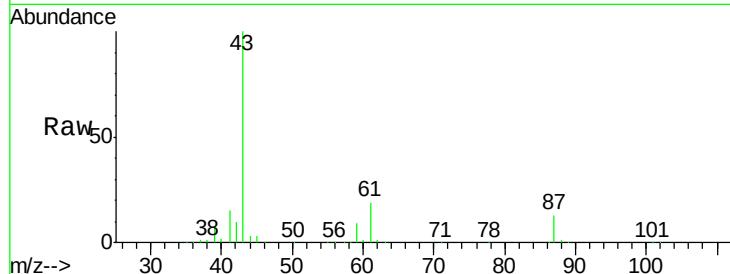
#43
Isopropyl Acetate
Concen: 53.99 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.5	10.8	16.2

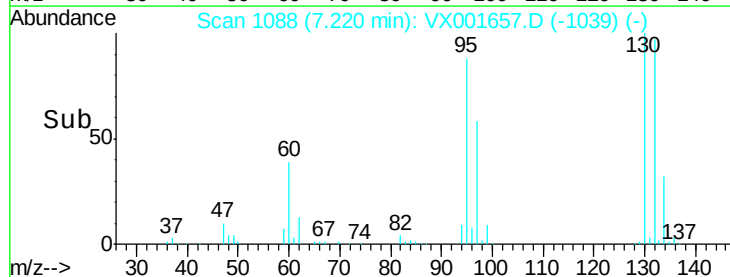
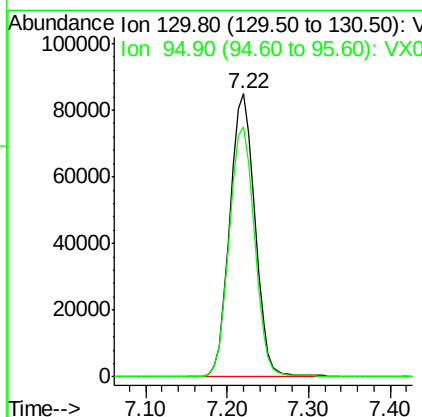
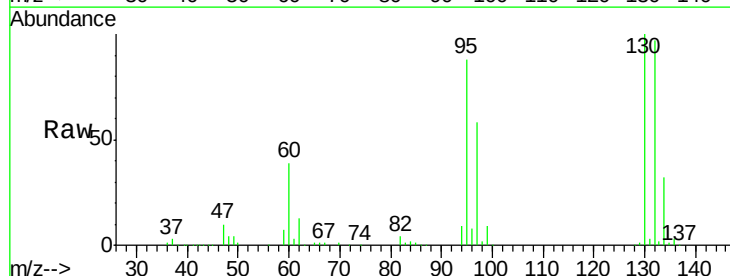
Manual Integrations
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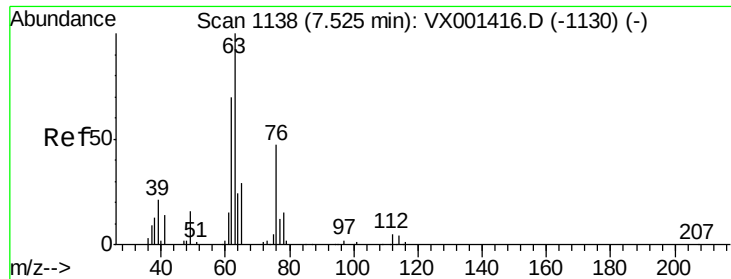
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#44
Trichloroethene
Concen: 51.88 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	178.4





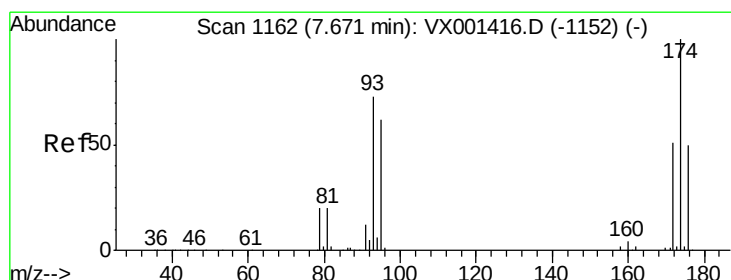
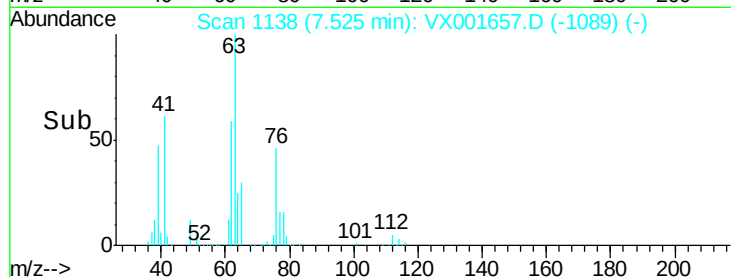
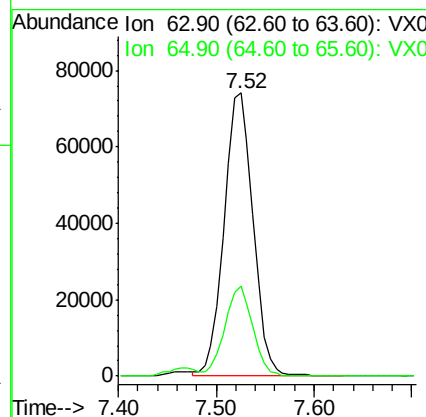
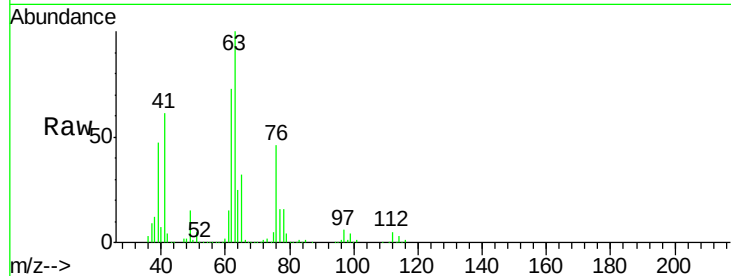
#45
 1,2-Dichloropropane
 Concen: 53.21 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.5	36.7

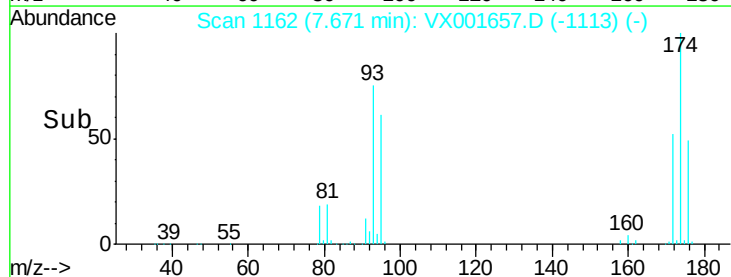
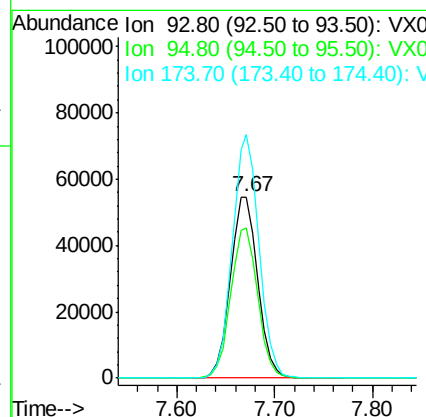
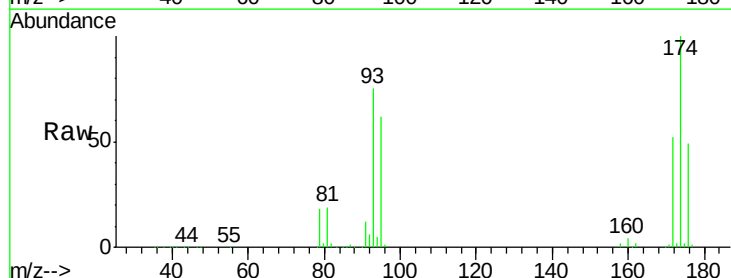
Manual Integrations
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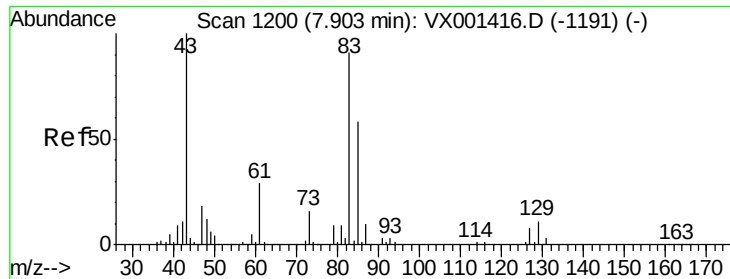
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#46
 Dibromomethane
 Concen: 52.49 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.0	100.4
174	131.1	104.5	156.7





#47

Bromodichloromethane

Concen: 55.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

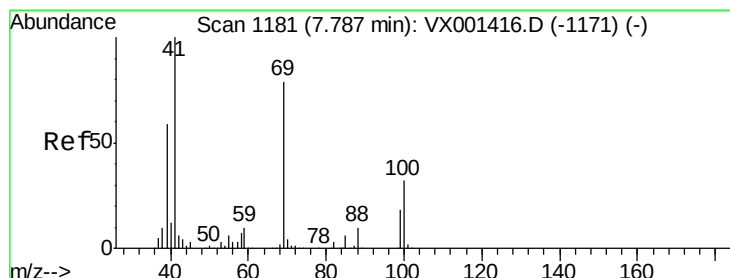
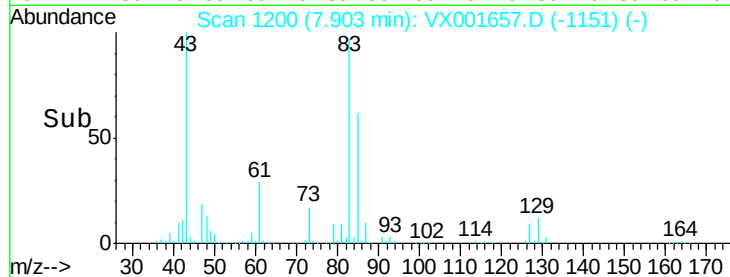
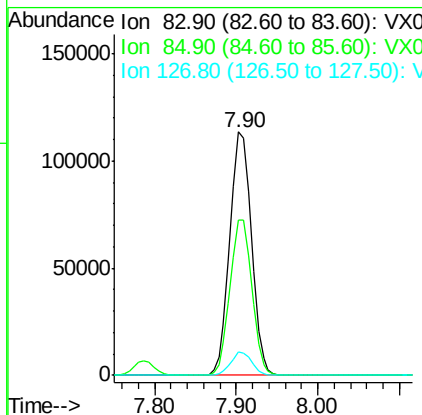
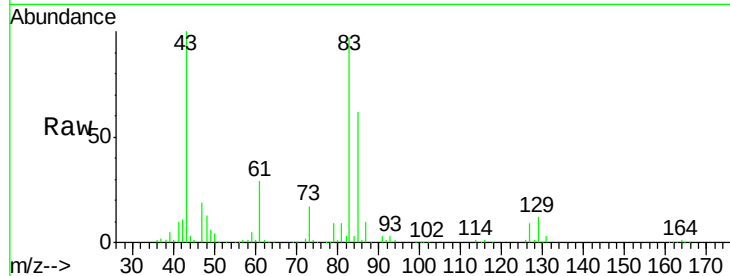
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208465
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.0	76.6
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.97 ug/l

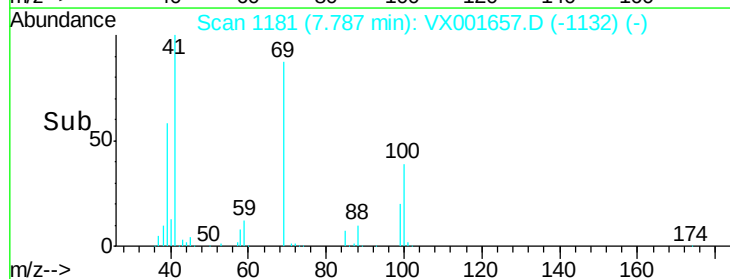
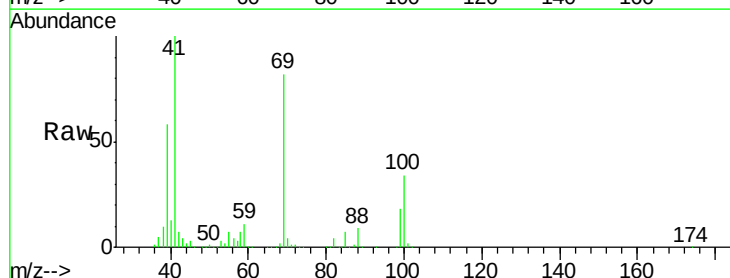
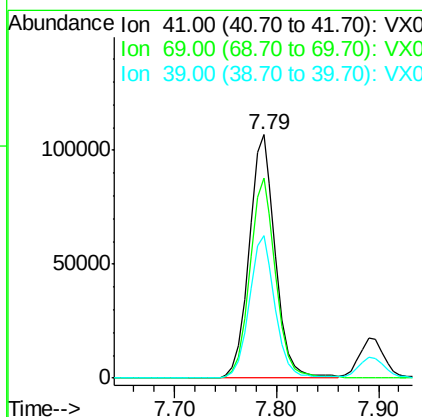
RT: 7.79 min Scan# 1181

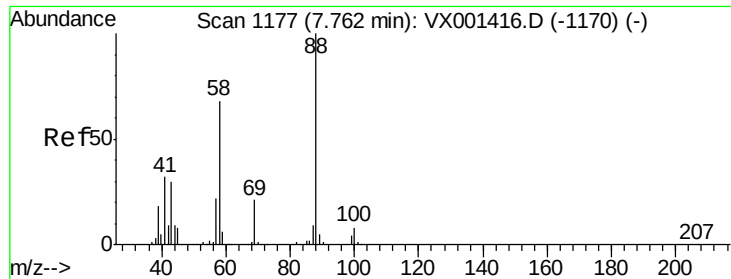
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	41	Resp:	189777
Ion Ratio	Lower	Upper	
41	100		
69	81.8	63.4	95.2
39	57.8	47.0	70.4





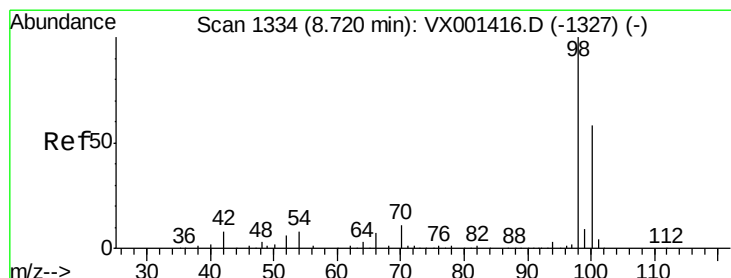
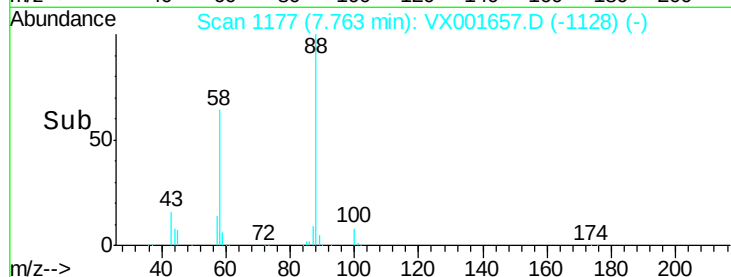
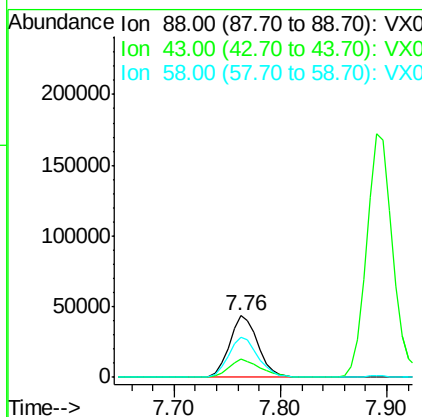
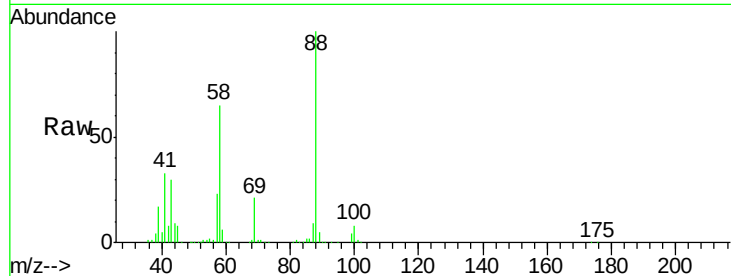
#49
1,4-Dioxane
Concen: 1056.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	81759
Ion Ratio	100	Lower	Upper
88	100		
43	32.9	26.4	39.6
58	67.5	54.1	81.1

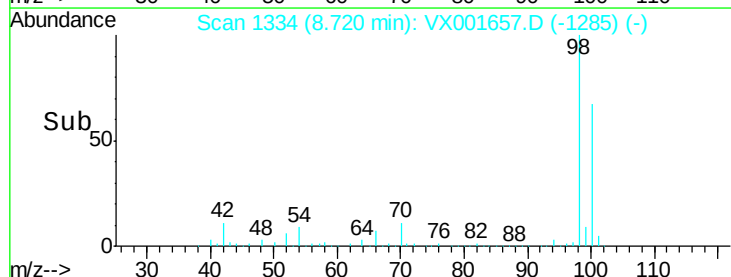
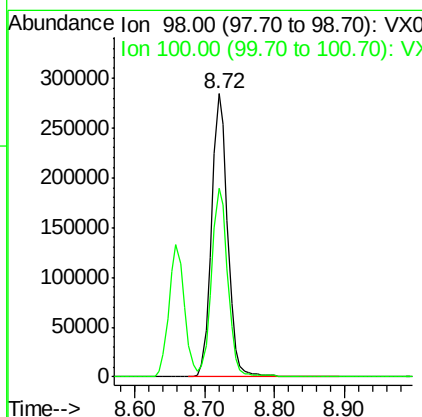
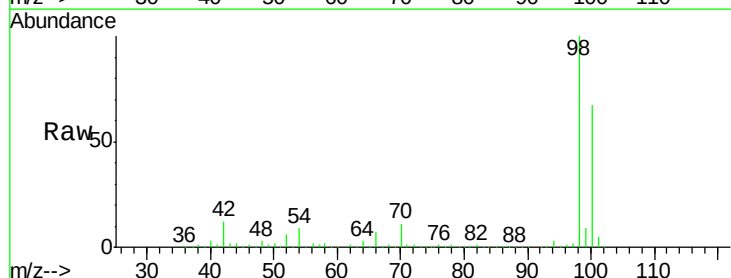
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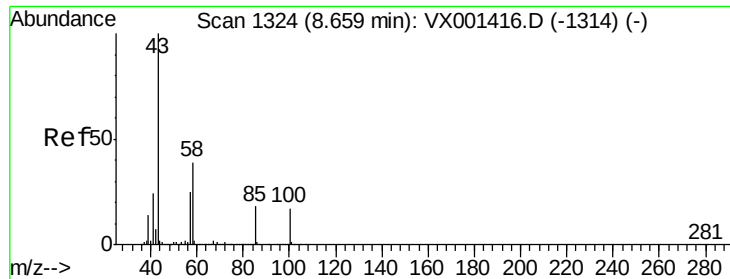
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#50
Toluene-d8
Concen: 45.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	98	Resp	453340
Ion Ratio	100	Lower	Upper
98	100		
100	67.6	54.0	81.0





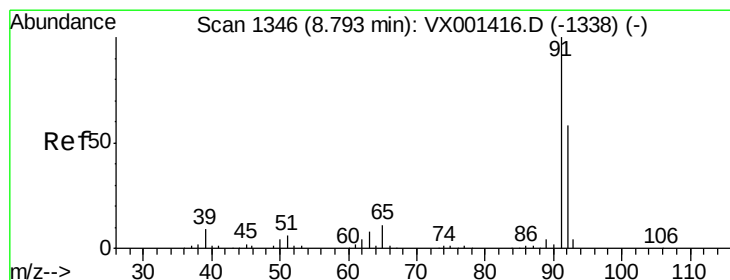
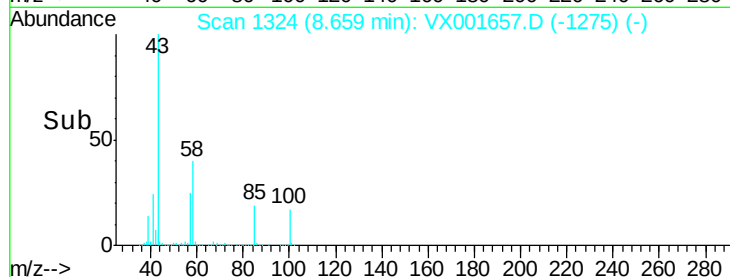
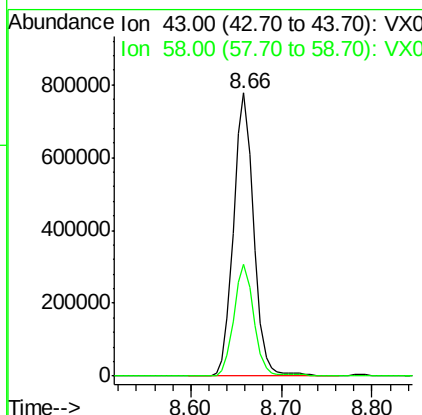
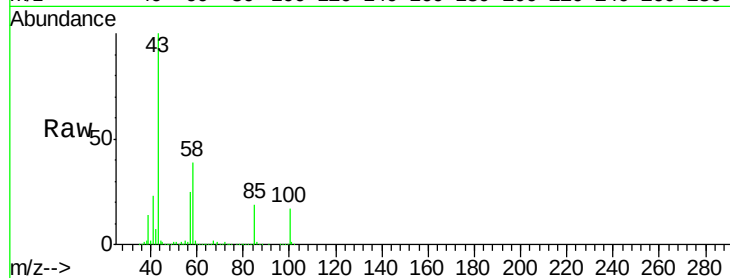
#51
 4-Methyl-2-Pentanone
 Concen: 274.53 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1200335
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.8 46.2

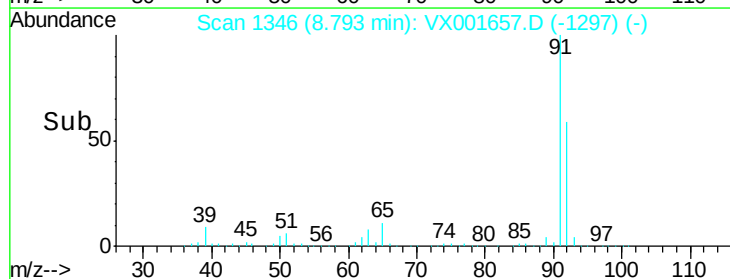
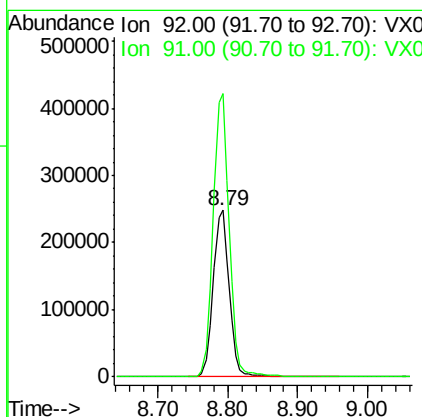
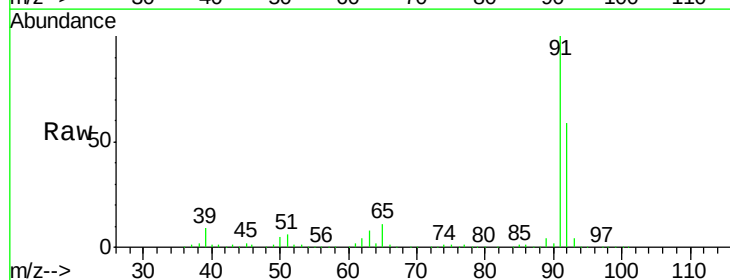
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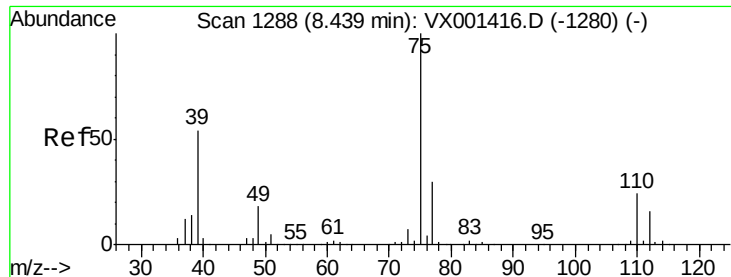
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#52
 Toluene
 Concen: 53.24 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 92 Resp: 397614
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.2 202.8





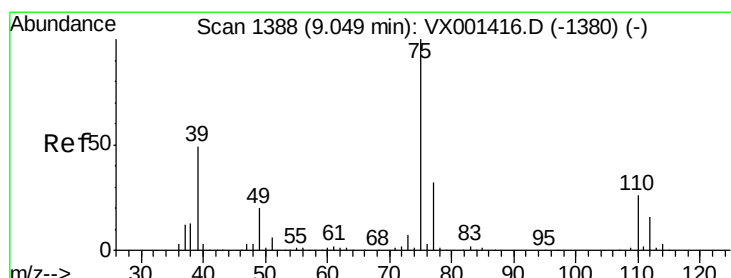
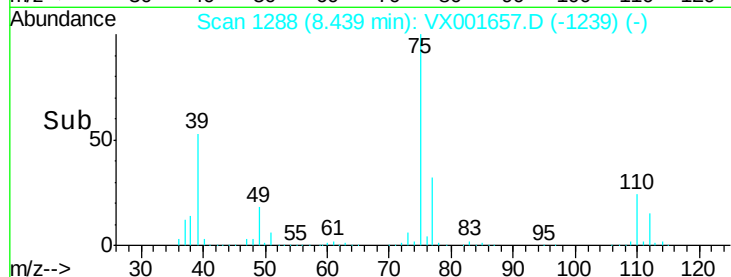
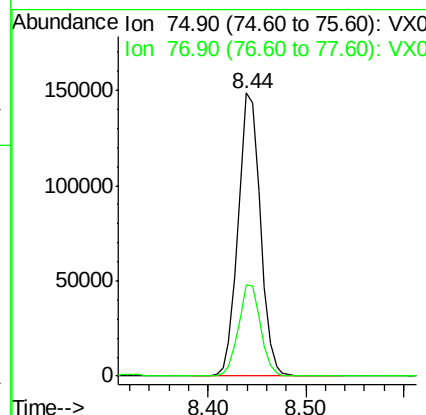
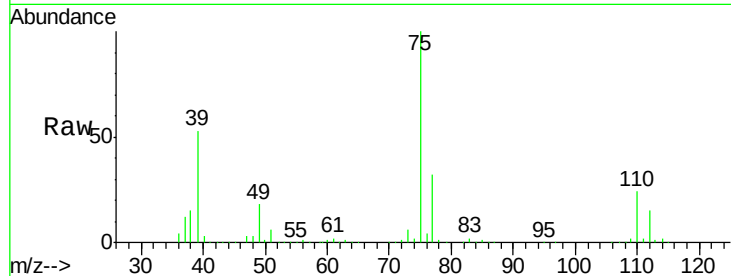
#53
 t-1,3-Dichloropropene
 Concen: 55.72 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 234918
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4

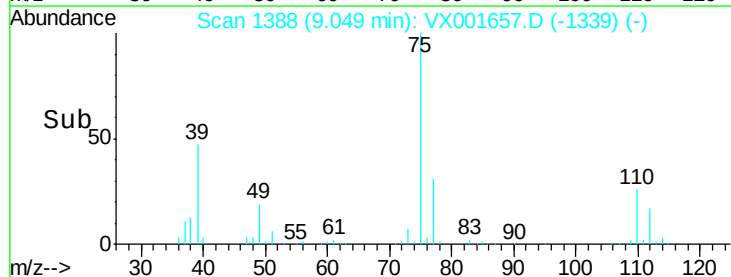
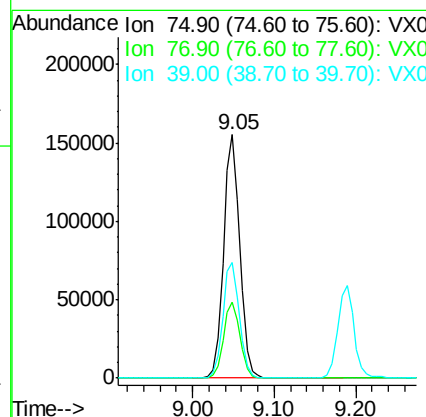
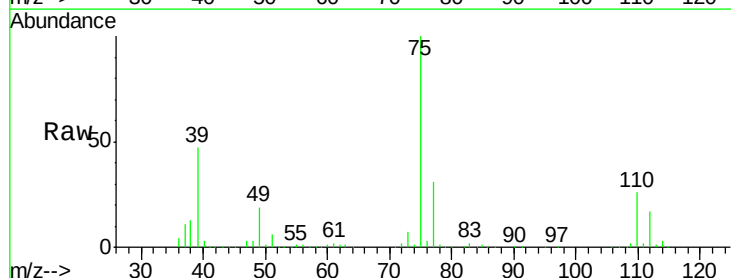
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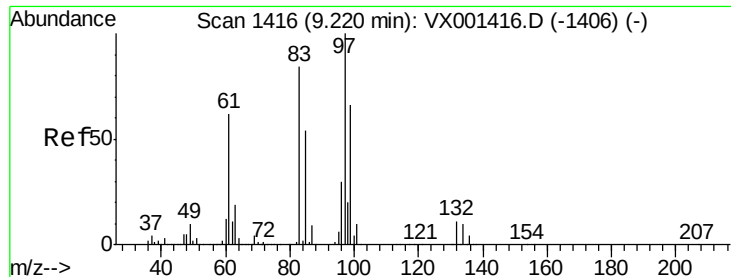
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#54
 cis-1,3-Dichloropropene
 Concen: 49.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion: 75 Resp: 215365
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 47.2 38.9 58.3





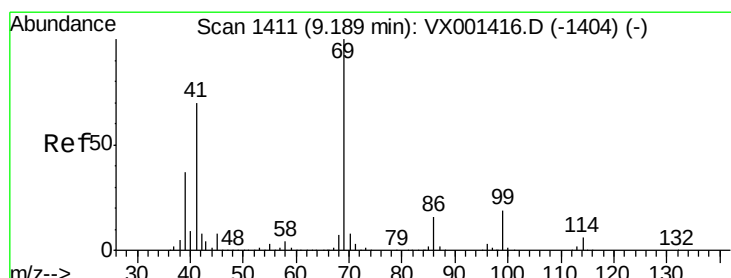
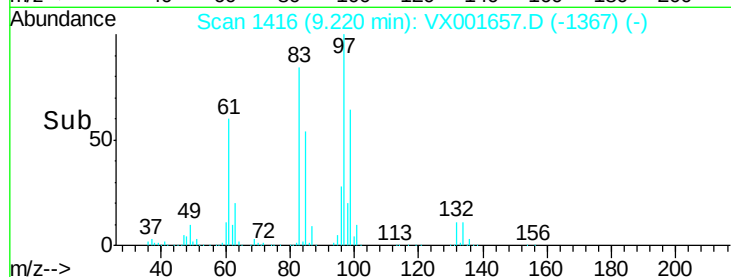
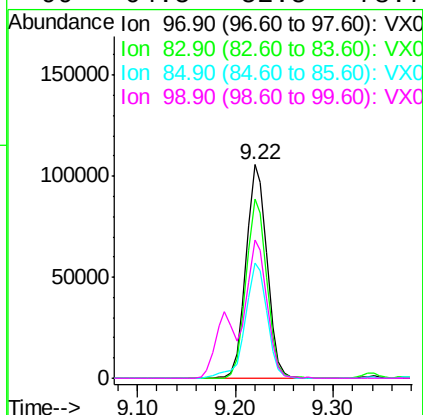
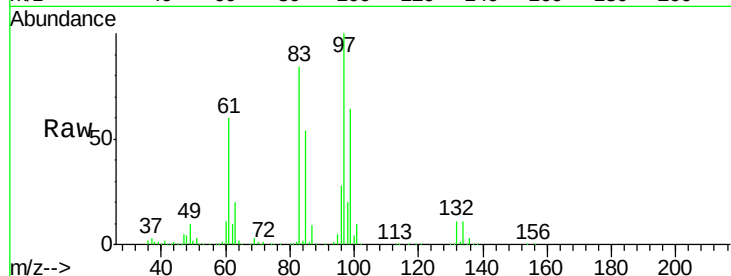
#55
 1,1,2-Trichloroethane
 Concen: 52.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157594
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	54.2	43.3	64.9
99	64.5	52.5	78.7

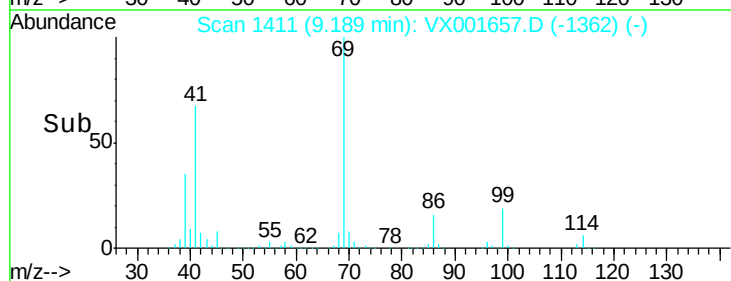
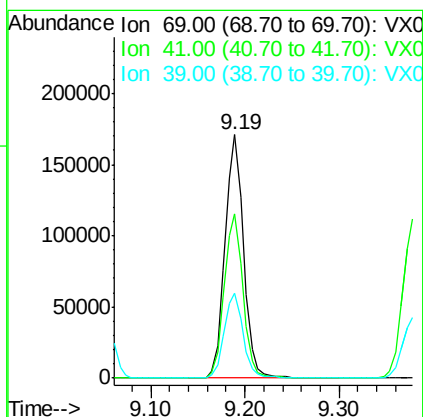
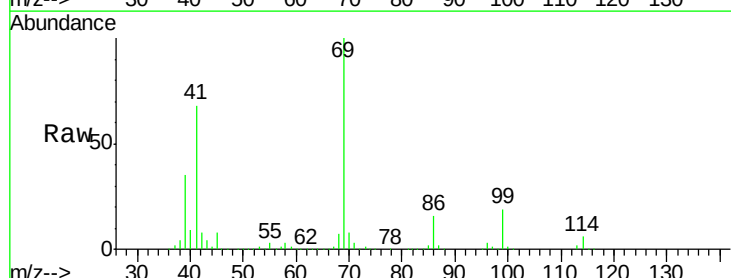
Manual Integrations
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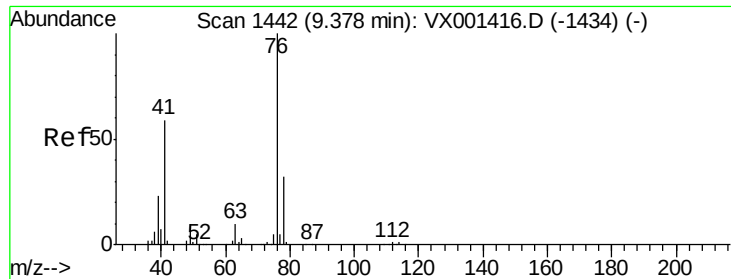
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#56
 Ethyl methacrylate
 Concen: 54.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion:	69	Resp:	234201
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.1	82.7
39	35.3	29.9	44.9





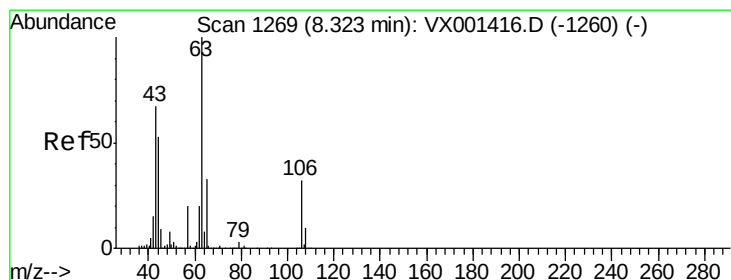
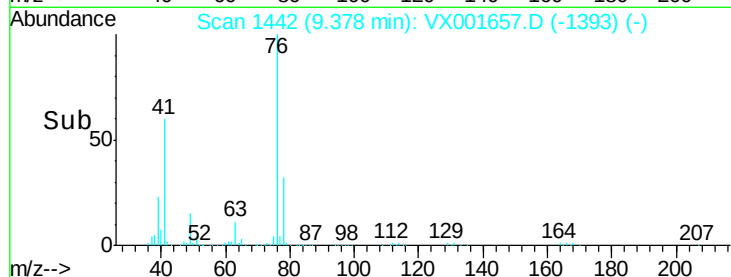
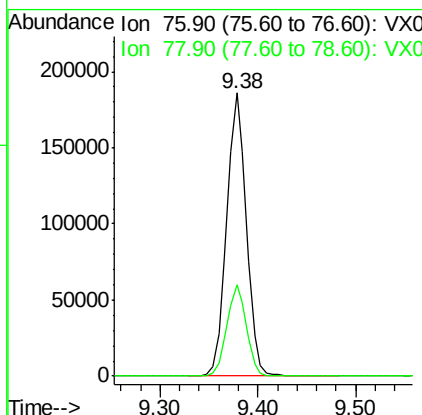
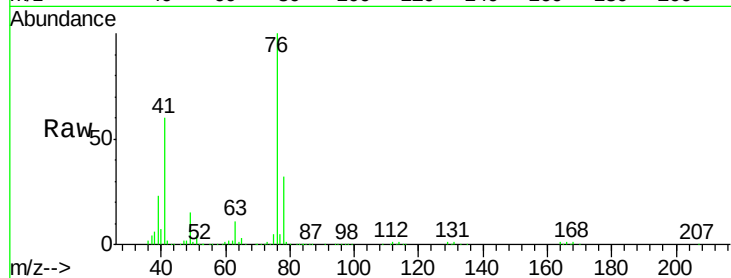
#57
 1,3-Dichloropropane
 Concen: 52.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

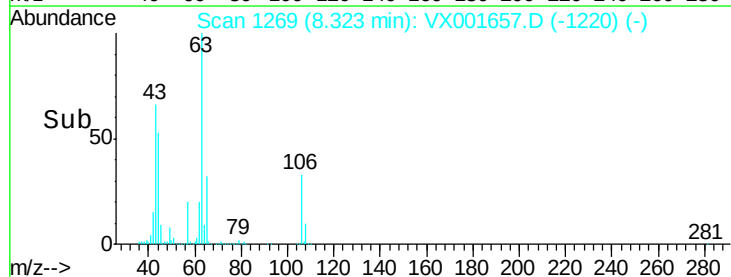
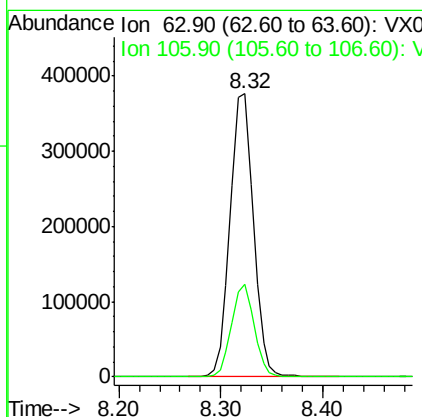
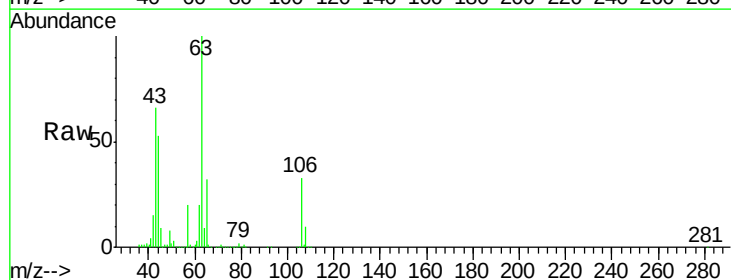
Manual Integrations
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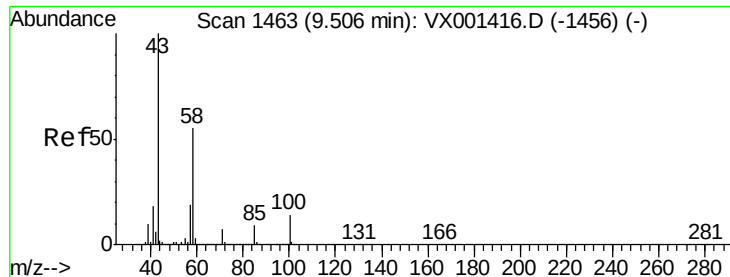
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#58
 2-Chloroethyl Vinyl ether
 Concen: 280.02 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.4	38.0





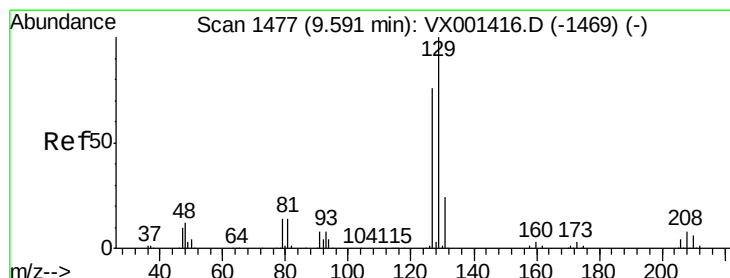
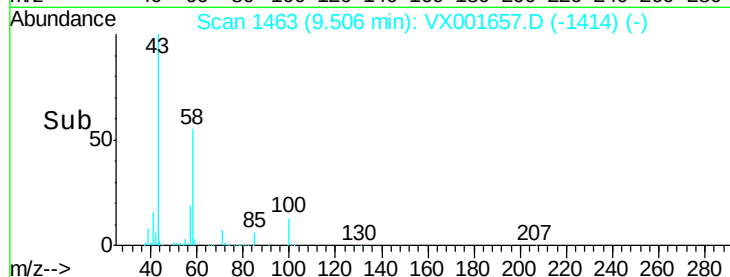
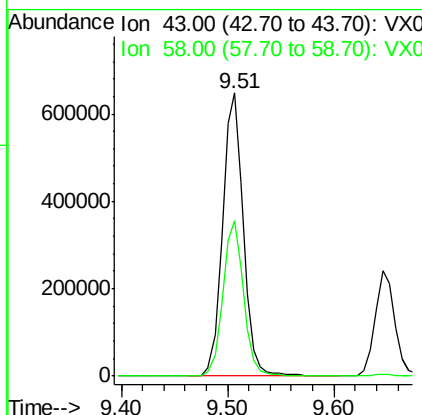
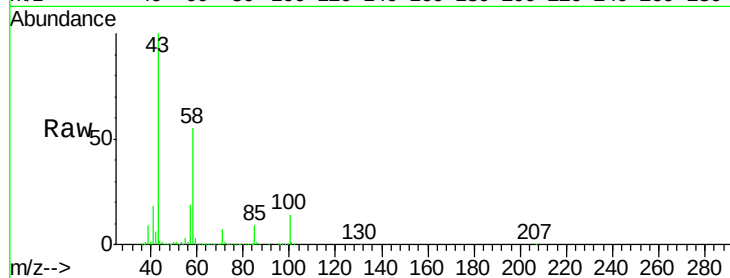
#59
2-Hexanone
Concen: 262.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.1	81.2

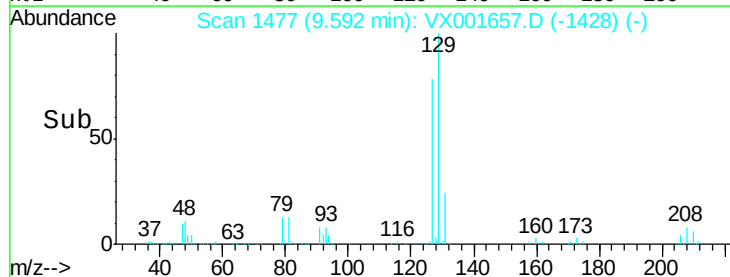
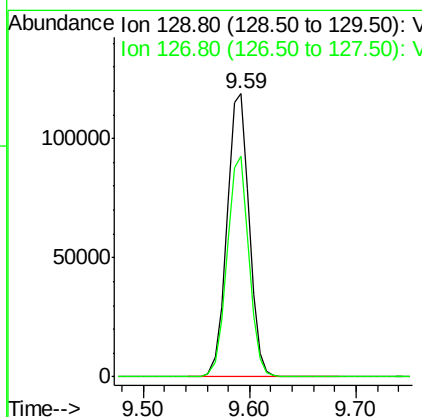
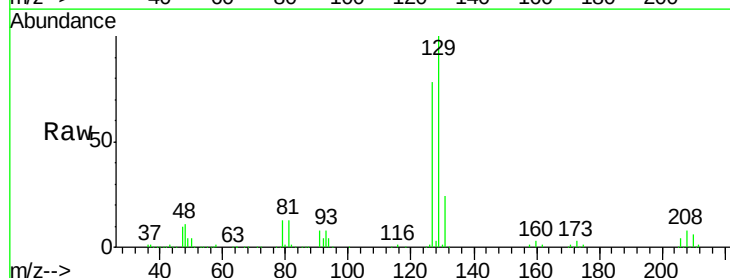
Manual Integrations
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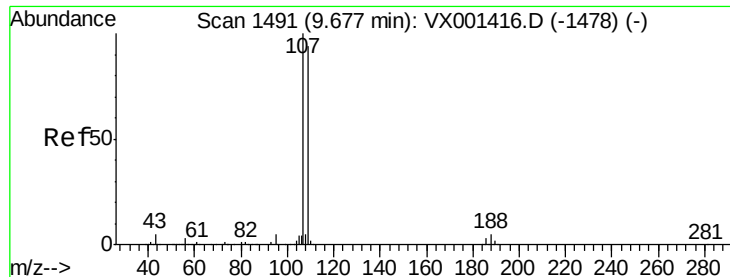
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#60
Dibromochloromethane
Concen: 56.35 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.1	114.5





#61

1,2-Dibromoethane

Concen: 52.49 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 165810

Ion Ratio Lower Upper

107 100

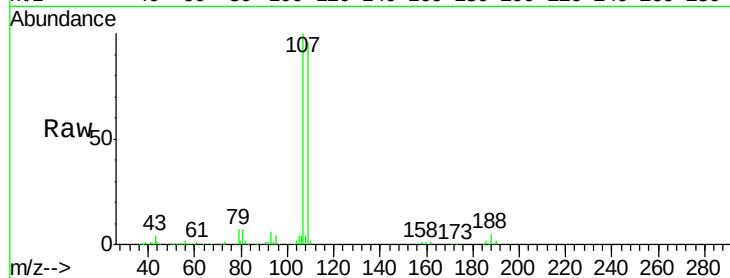
109 95.2 75.5 113.3

Manual Integrations

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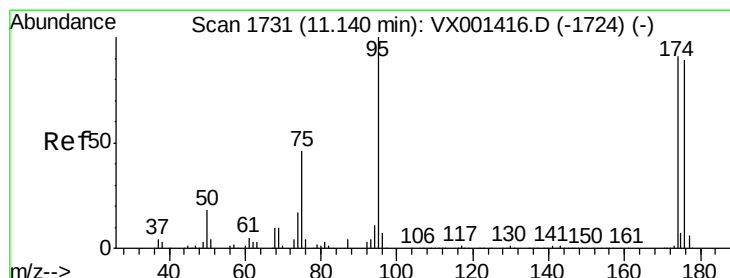
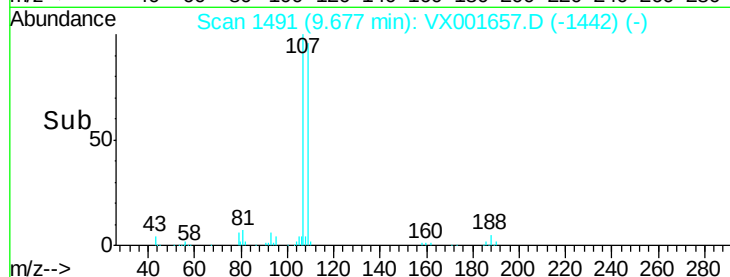
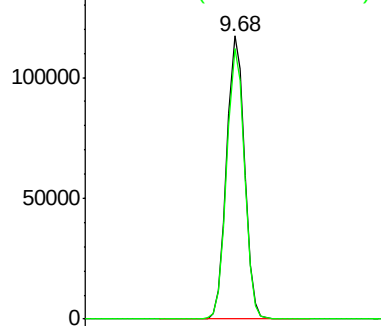
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

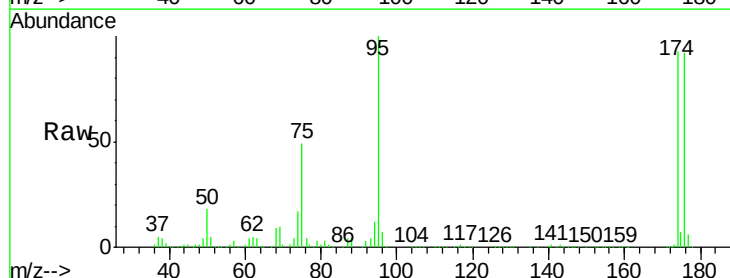
Tgt Ion: 95 Resp: 171080

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

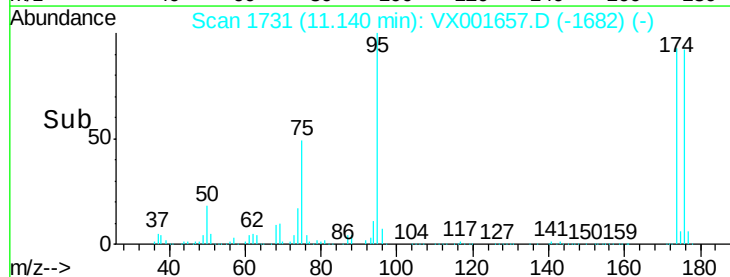
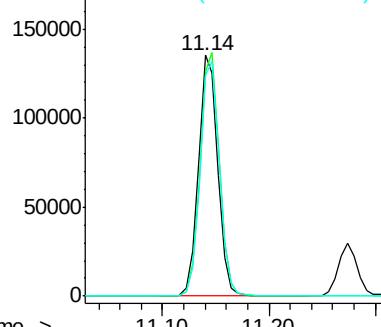
176 98.4 0.0 197.4

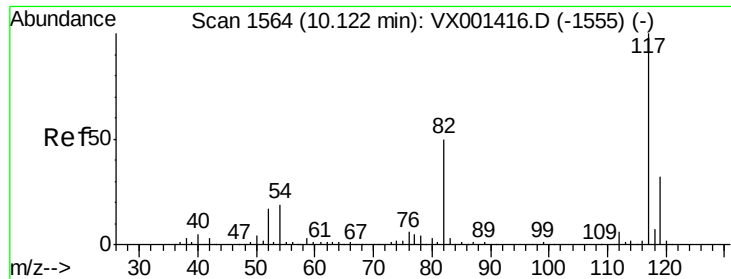


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





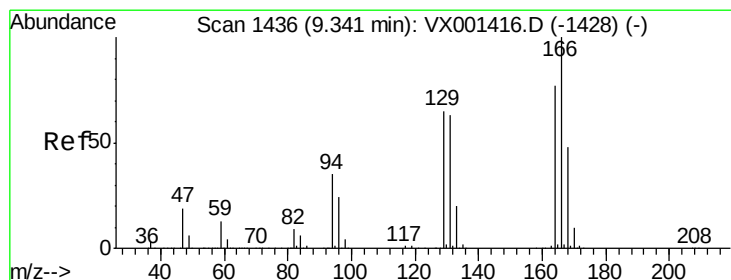
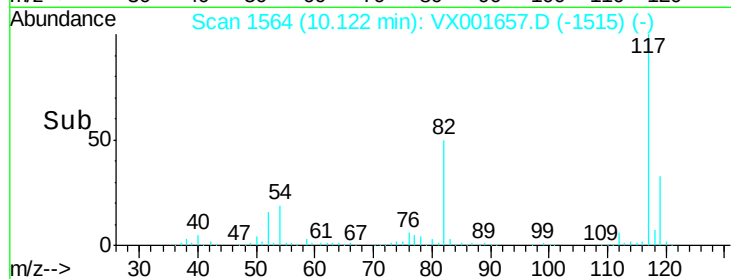
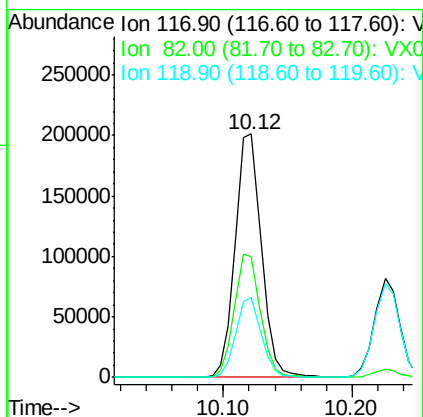
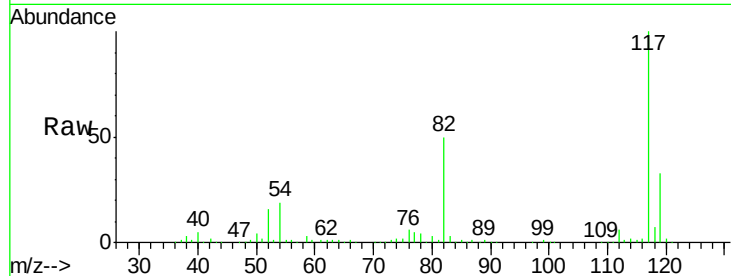
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286924		
82	49.8		40.0	60.0
119	32.5		25.8	38.8

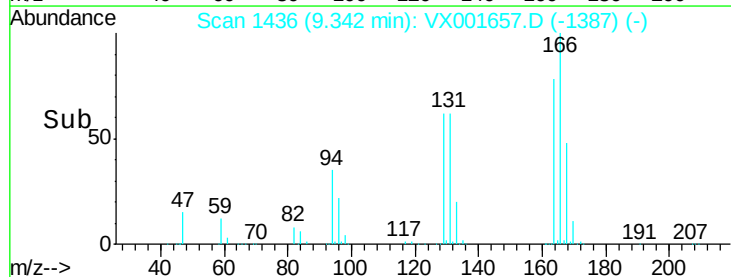
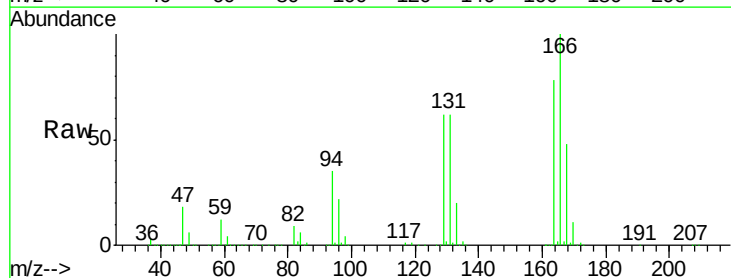
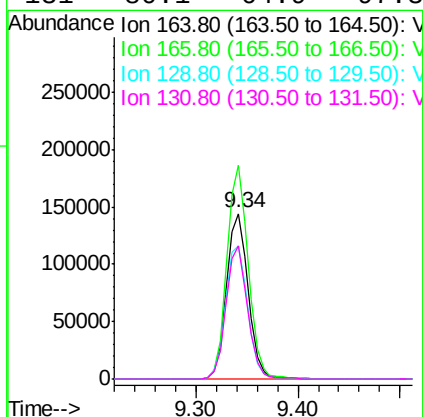
Manual Integrations
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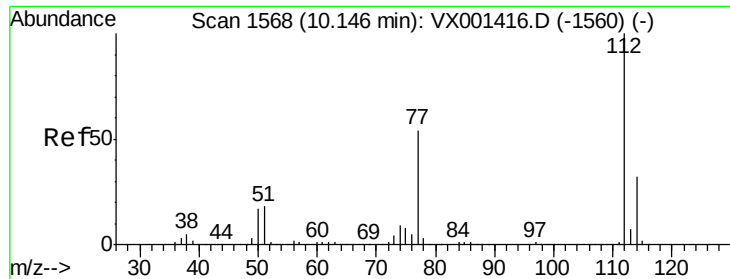
apatel
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#64
Tetrachloroethene
Concen: 52.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211931		
166	128.8		103.5	155.3
129	80.2		66.7	100.1
131	80.1		64.9	97.3





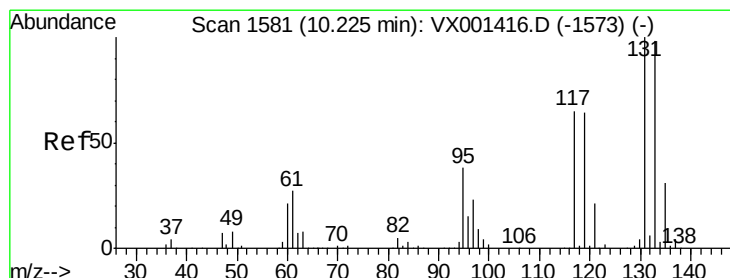
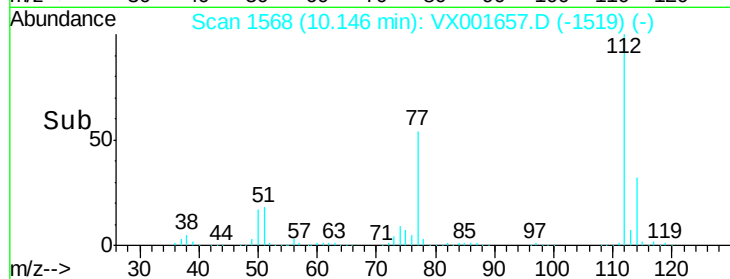
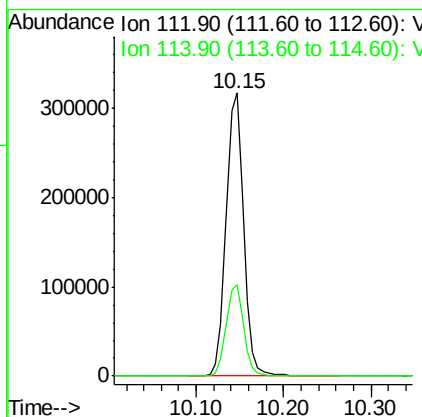
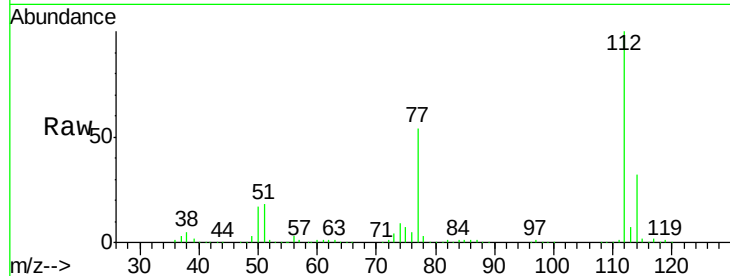
#65
Chlorobenzene
Concen: 52.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 439131
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

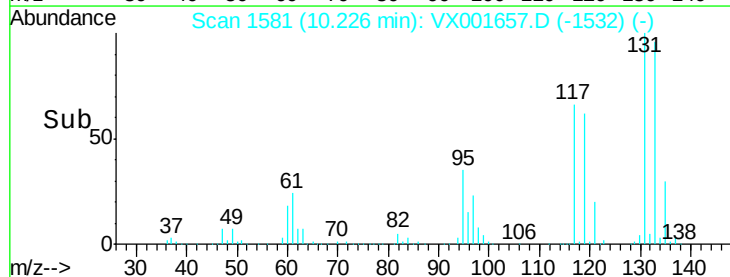
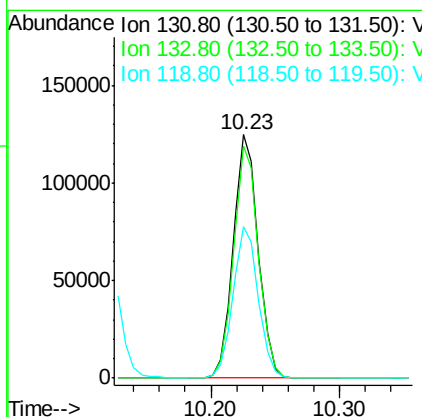
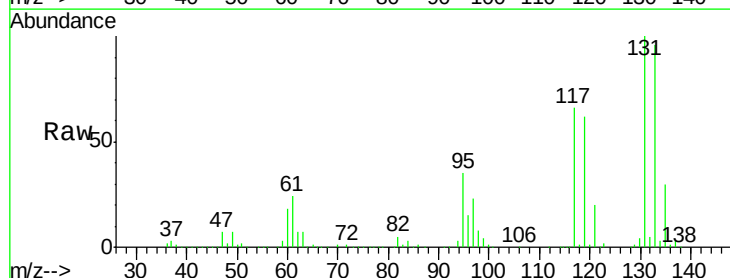
Manual Integrations
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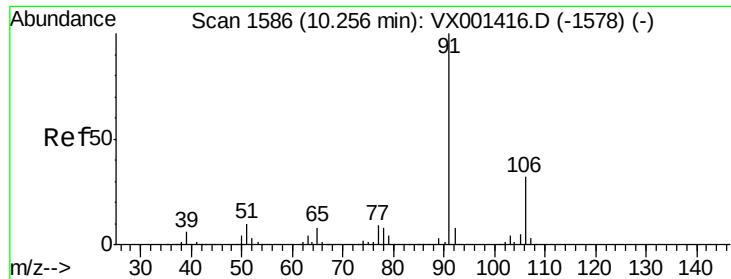
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:131 Resp: 167543
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 63.3 31.1 93.3





#67

Ethyl Benzene

Concen: 52.65 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 726211

Ion Ratio Lower Upper

91 100

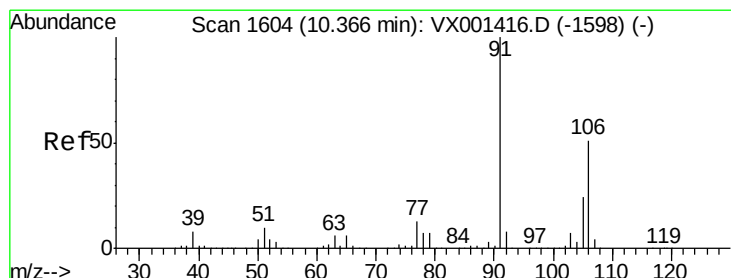
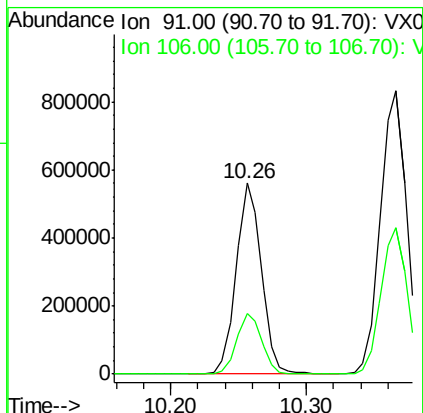
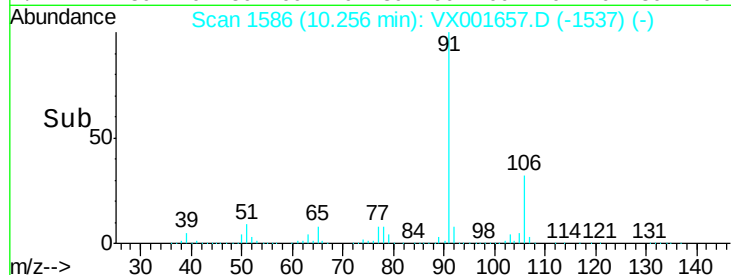
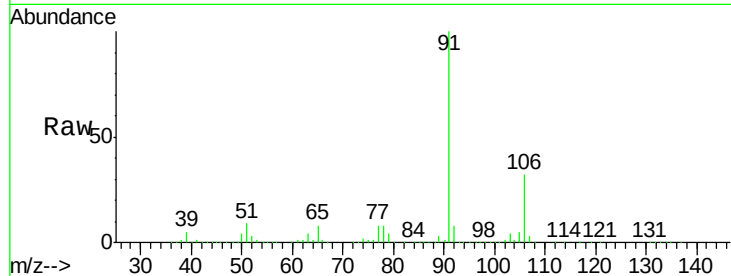
106 31.7 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.29 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001657.D

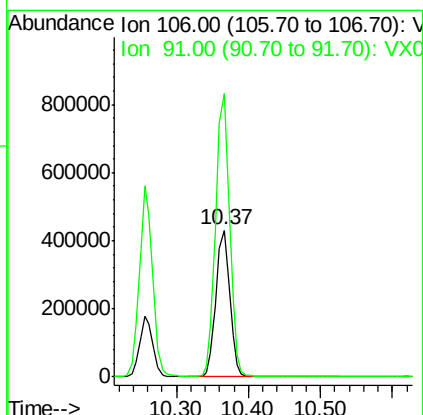
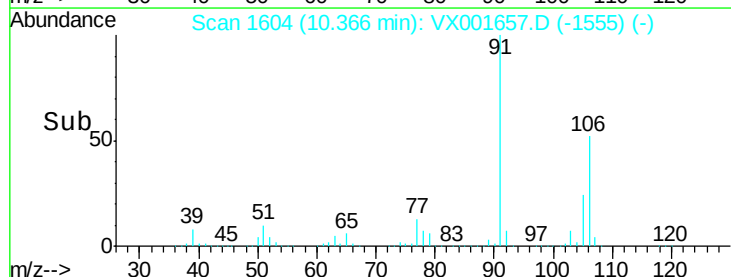
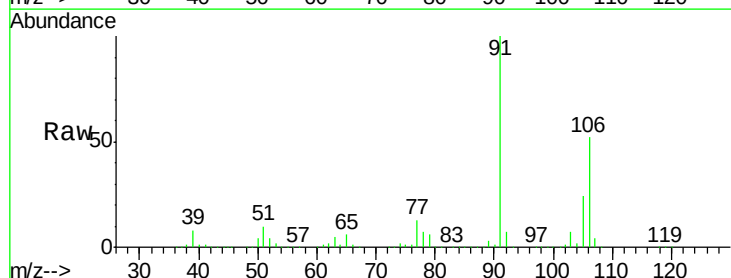
Acq: 11 May 2018 23:15

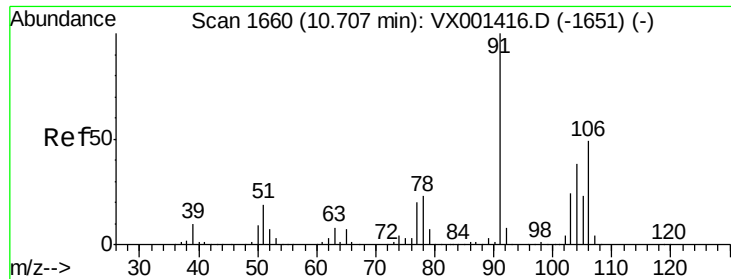
Tgt Ion: 106 Resp: 579268

Ion Ratio Lower Upper

106 100

91 194.8 157.5 236.3





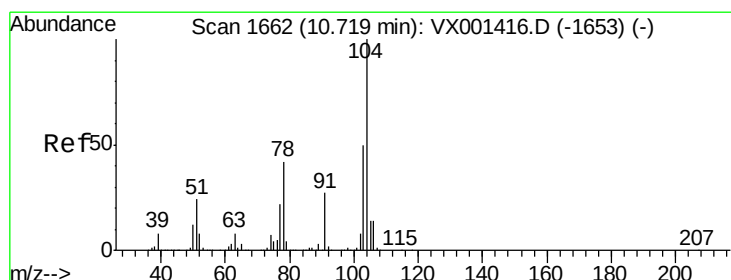
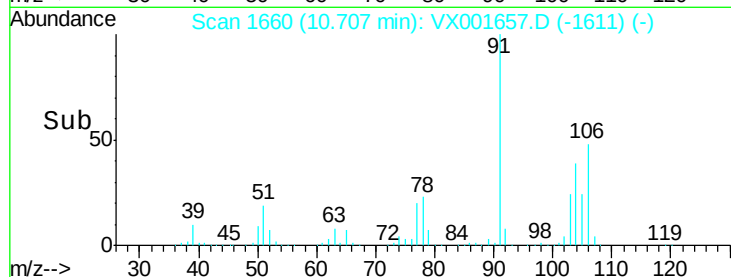
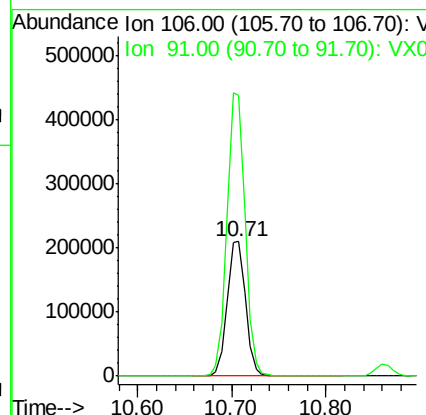
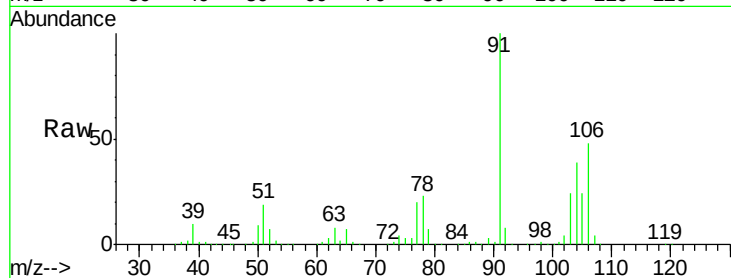
#69
o-Xylene
Concen: 53.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 284079
Ion Ratio Lower Upper
106 100
91 206.9 103.1 309.1

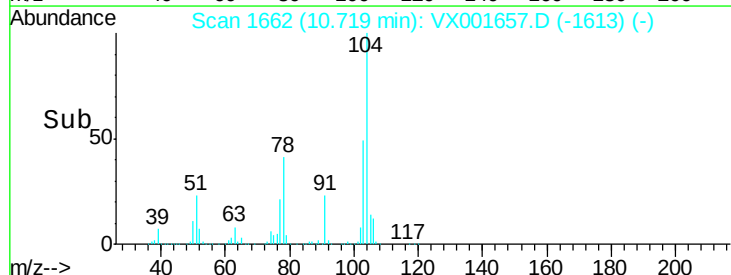
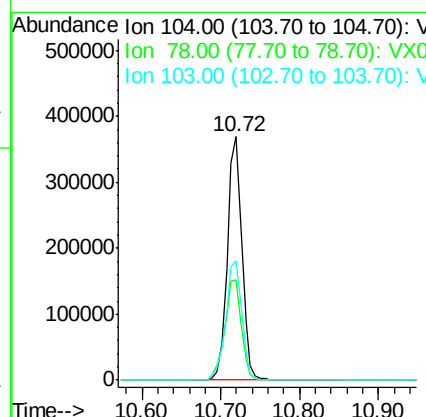
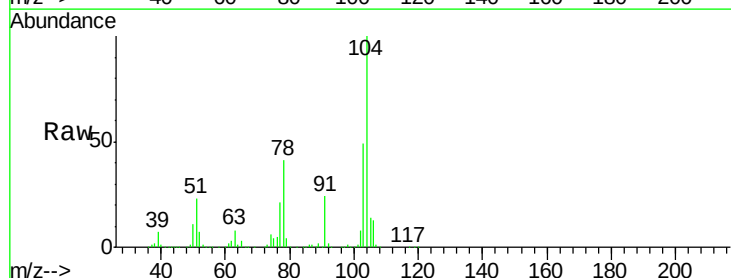
Manual Integrations
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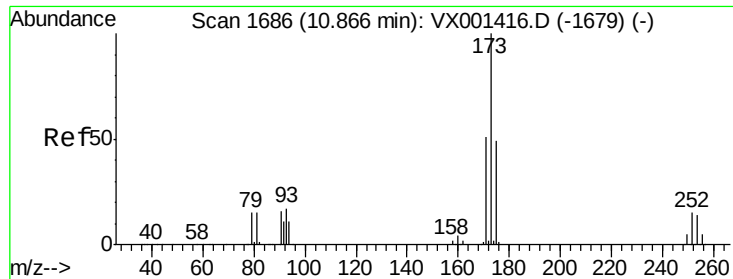
apatel
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#70
Styrene
Concen: 55.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion:104 Resp: 473443
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 54.6 44.0 66.0





#71

Bromoform

Concen: 49.01 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

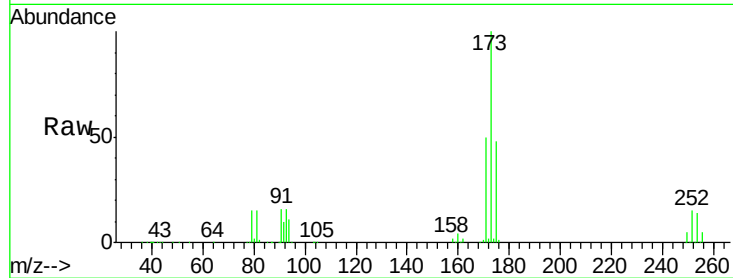
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.2	0.2

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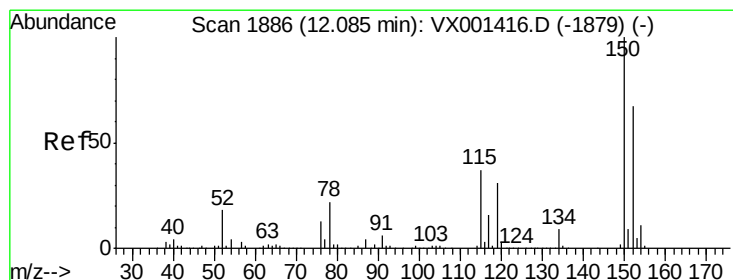
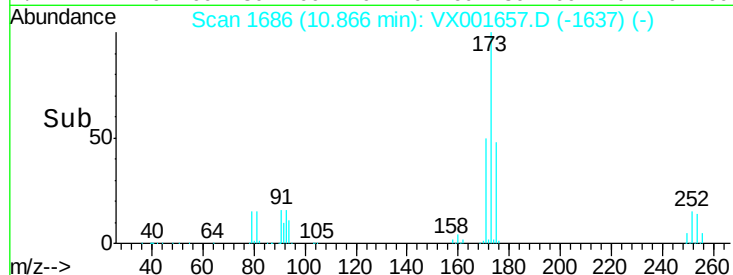
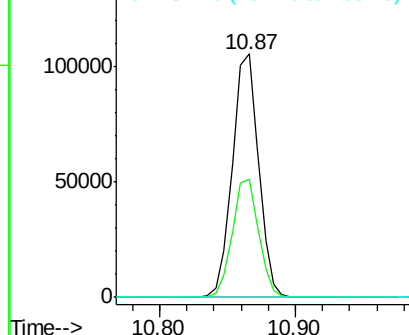
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

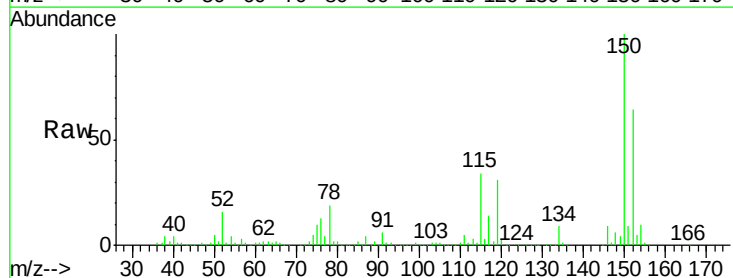
RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

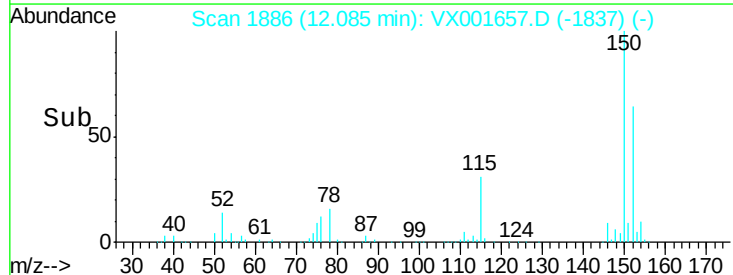
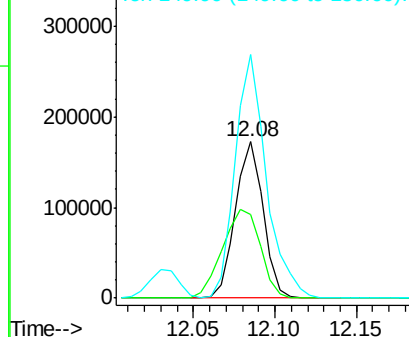
Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.1	37.7	113.1
150	175.1	0.0	349.4

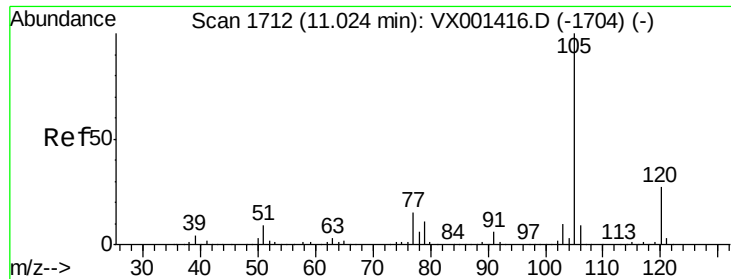


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 764344

Ion Ratio Lower Upper

105 100

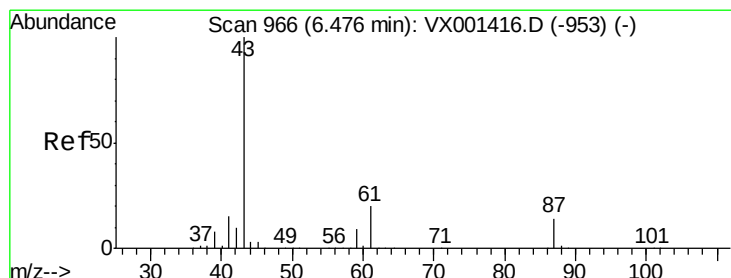
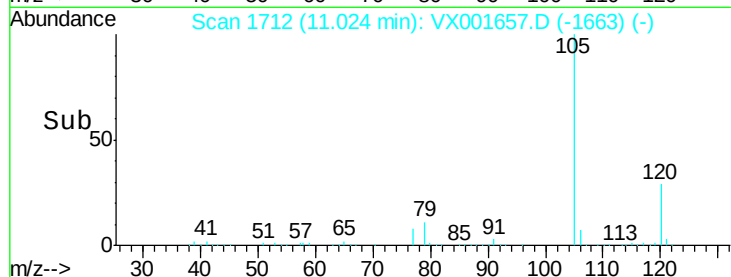
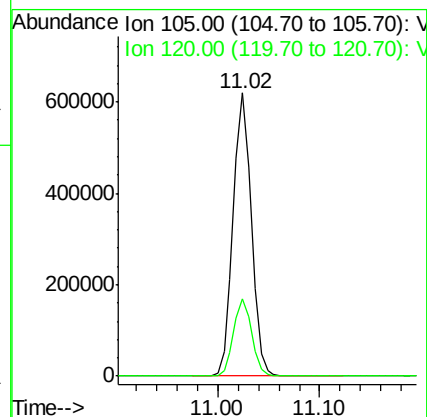
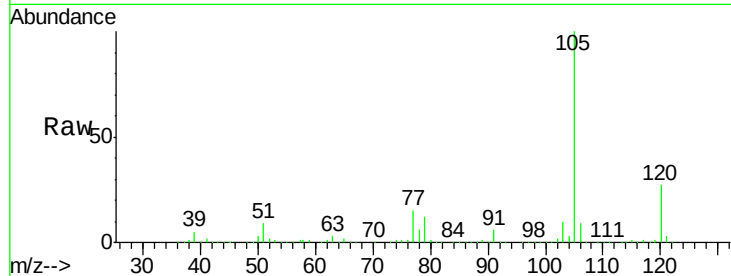
120 27.3 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion: 43 Resp: 355219

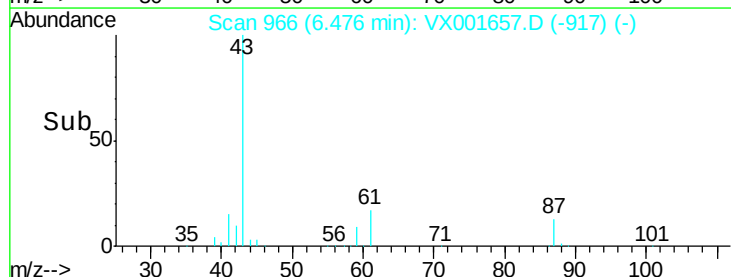
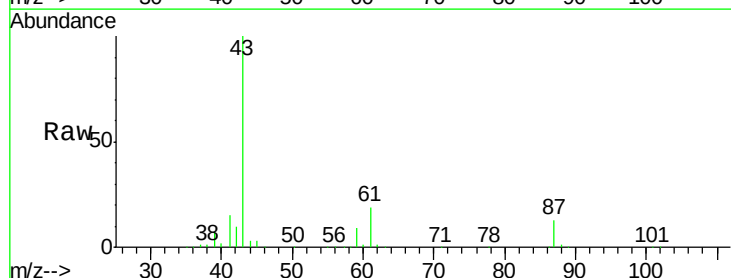
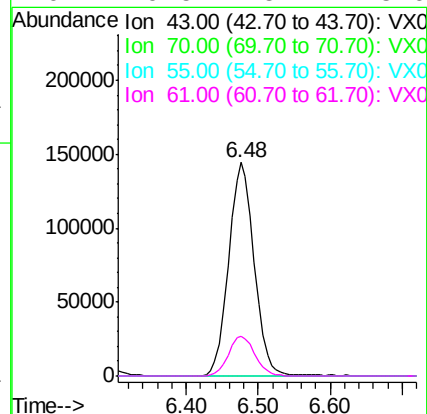
Ion Ratio Lower Upper

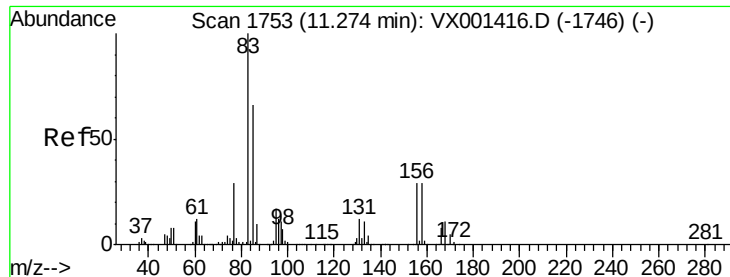
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

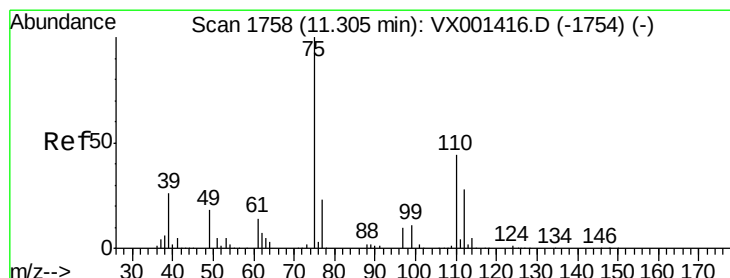
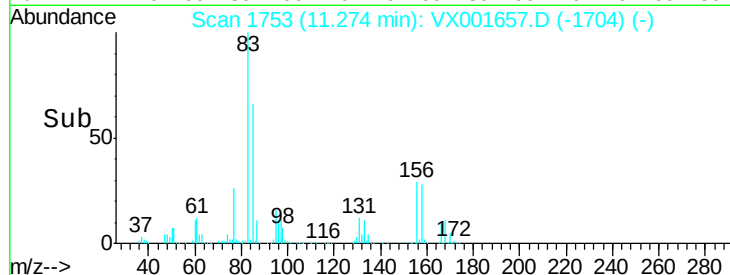
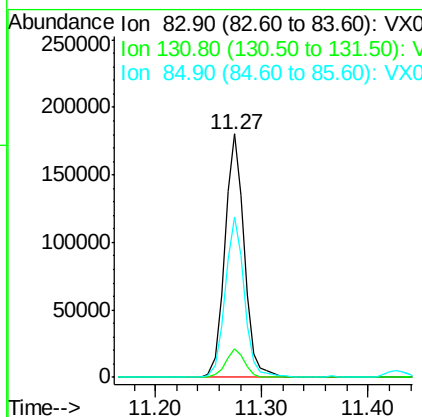
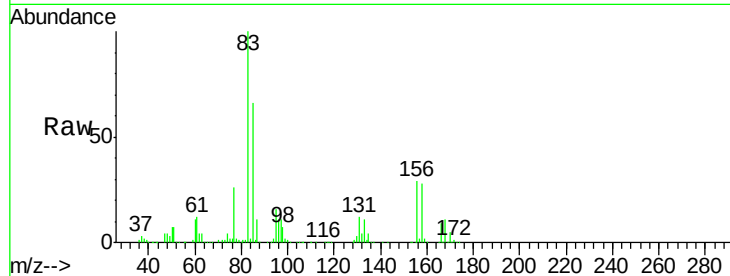
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	229634
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.9	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.01 ug/l m

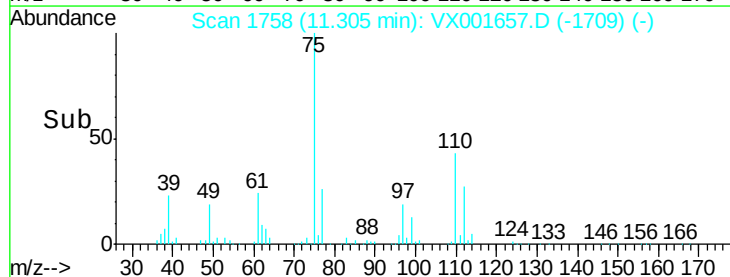
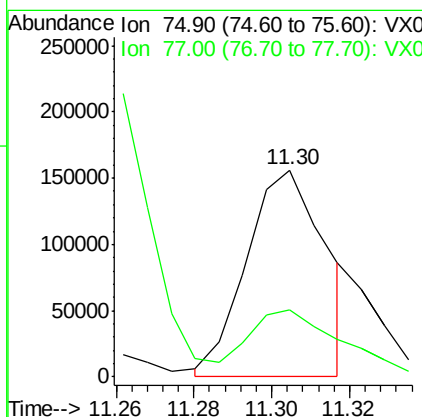
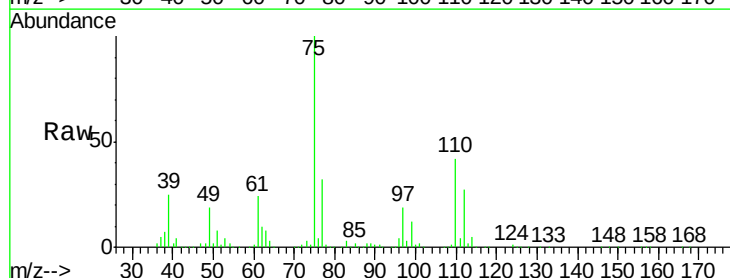
RT: 11.30 min Scan# 1758

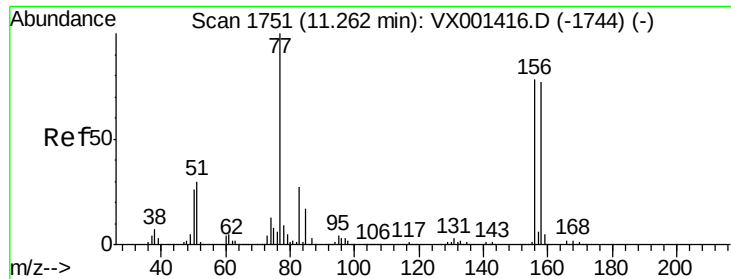
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	75	Resp:	219459
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.6	58.7





#77

Bromobenzene

Concen: 52.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

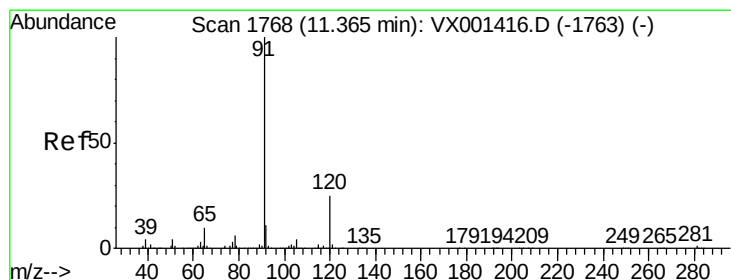
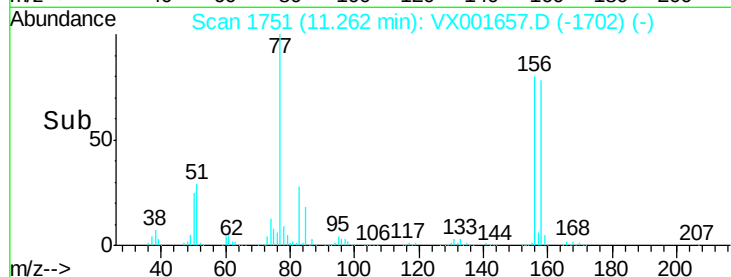
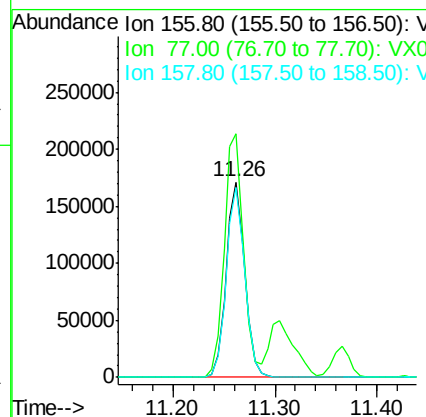
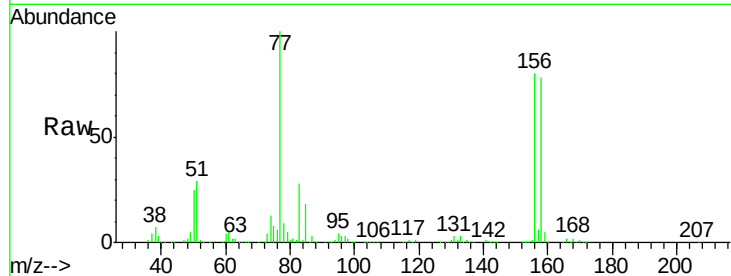
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	216633
Ion Ratio	Lower	Upper	
156	100		
77	130.8	66.0	198.2
158	97.3	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 54.78 ug/l

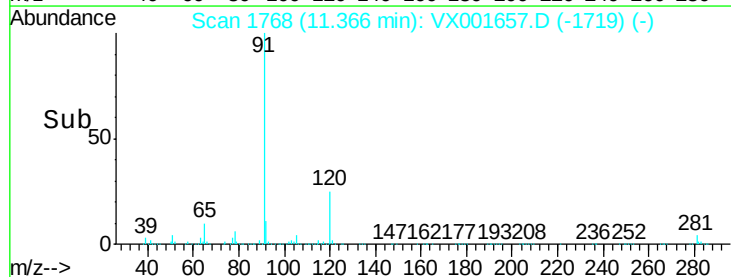
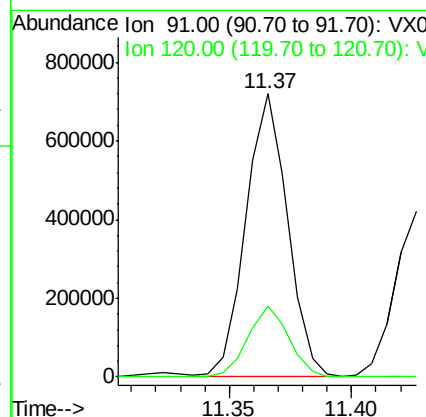
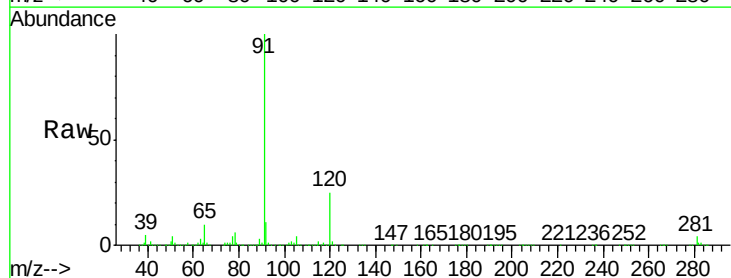
RT: 11.37 min Scan# 1768

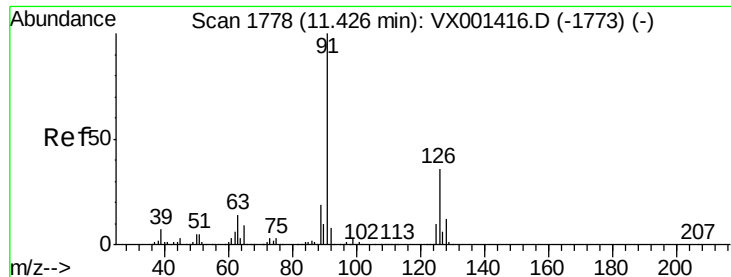
Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Tgt Ion:	91	Resp:	842983
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.5	37.5





#79

2-Chlorotoluene

Concen: 53.17 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 503491

Ion Ratio Lower Upper

91 100

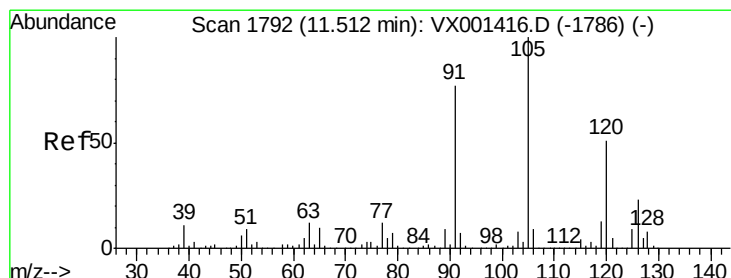
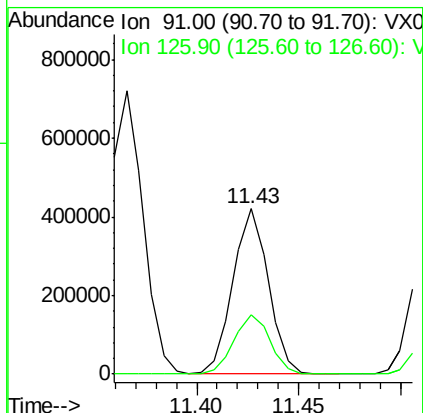
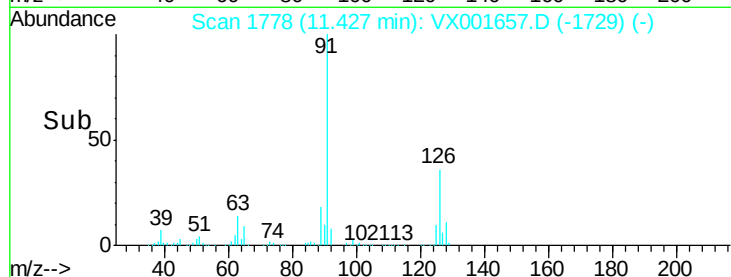
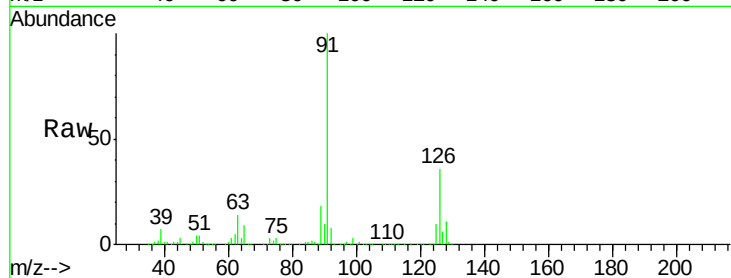
126 37.0 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001657.D

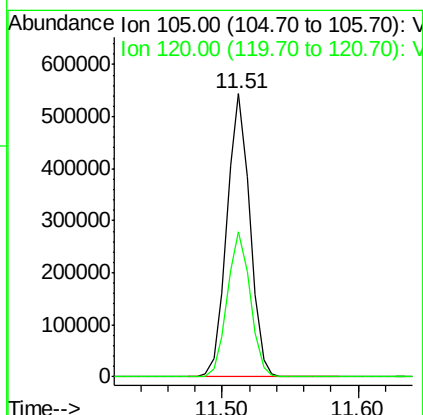
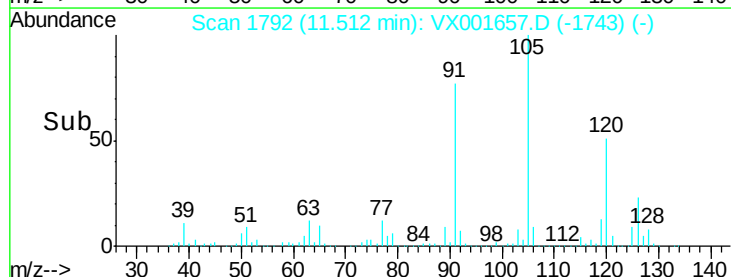
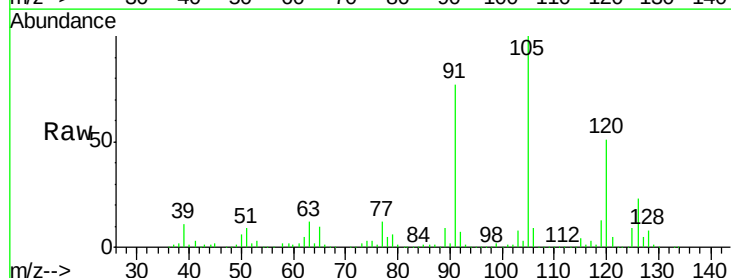
Acq: 11 May 2018 23:15

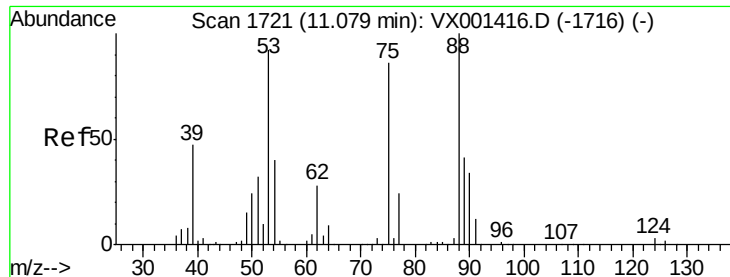
Tgt Ion: 105 Resp: 634091

Ion Ratio Lower Upper

105 100

120 51.4 25.7 77.1





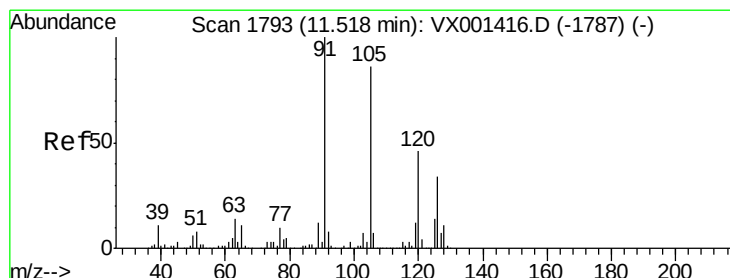
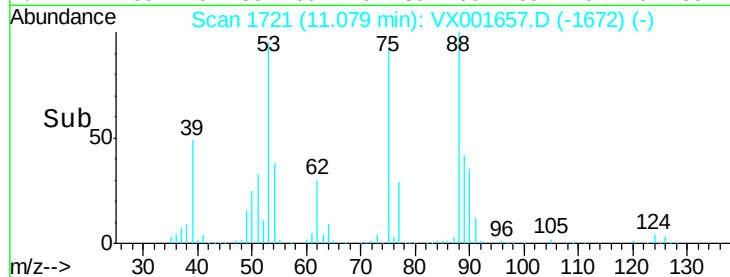
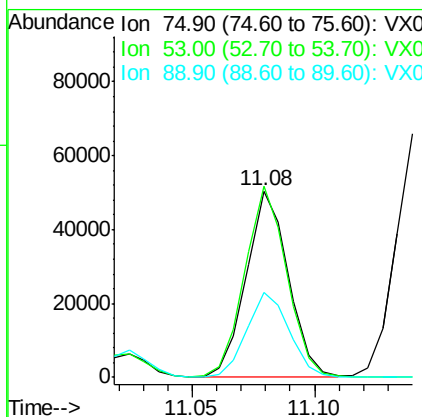
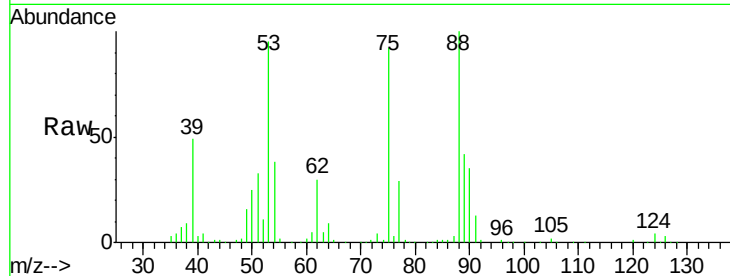
#81
trans-1,4-Dichloro-2-butene
Concen: 46.51 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	84.5	126.7
89	46.9	39.5	59.3

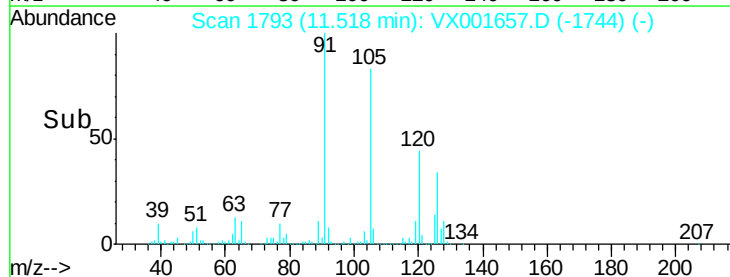
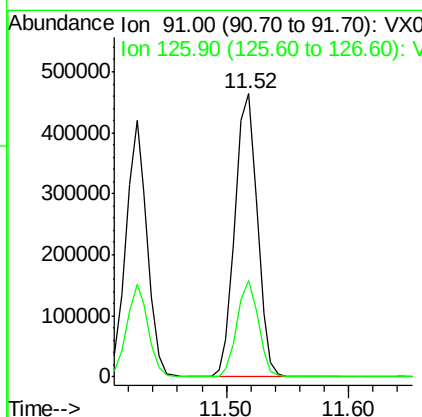
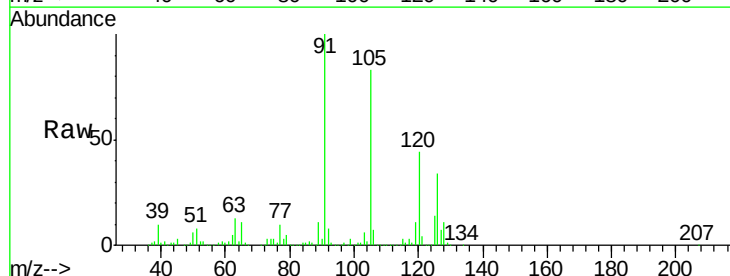
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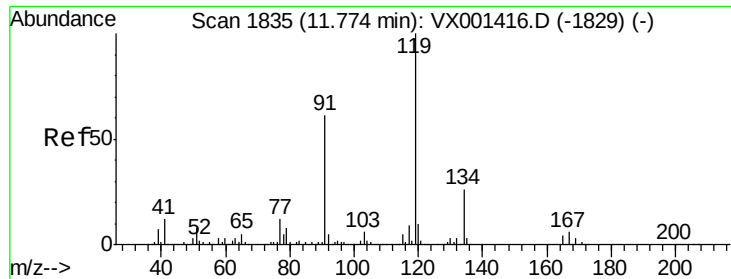
apatel
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#82
4-Chlorotoluene
Concen: 53.65 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





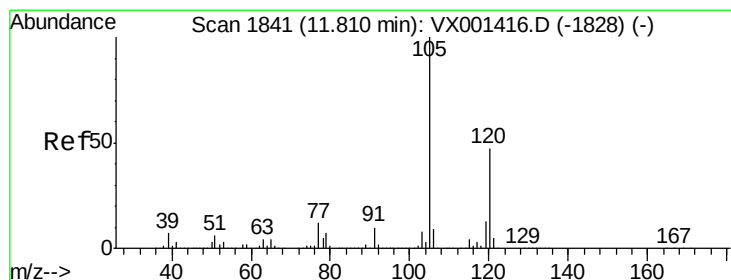
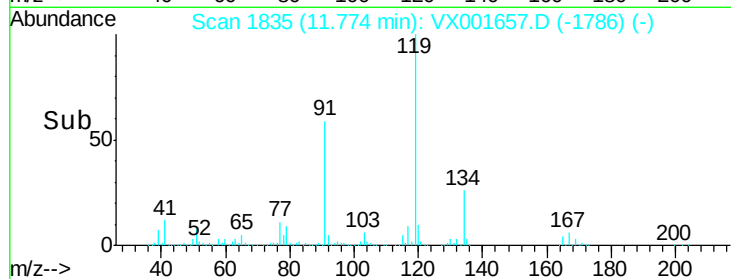
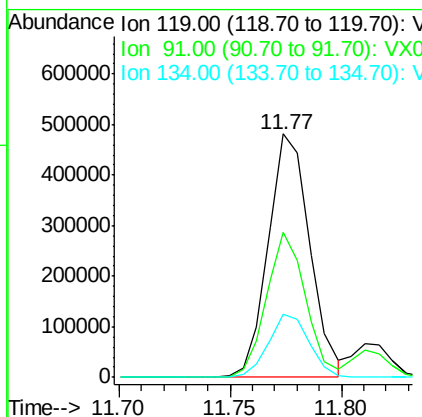
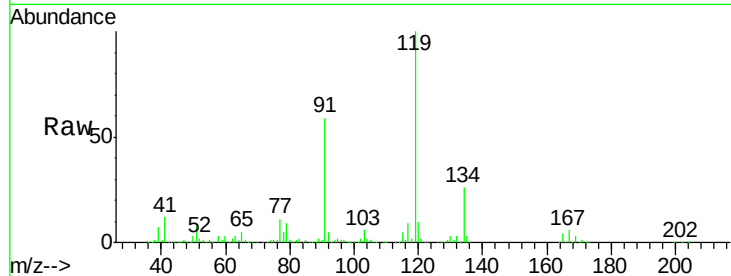
#83
 tert-Butylbenzene
 Concen: 53.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.8	83.3
134	25.3	12.4	37.0

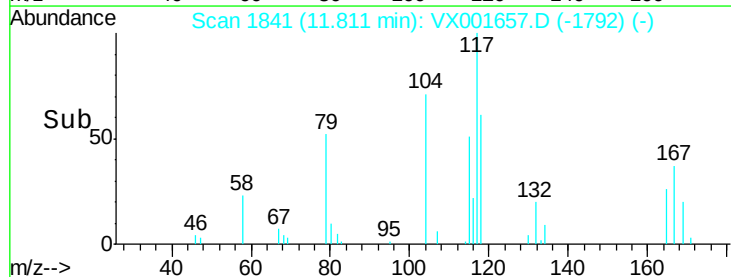
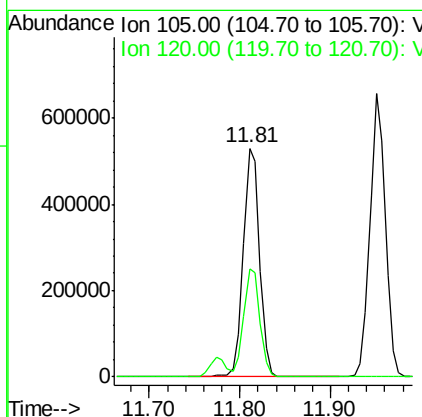
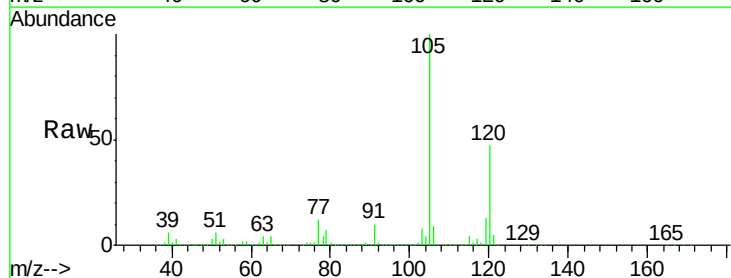
Manual Integrations
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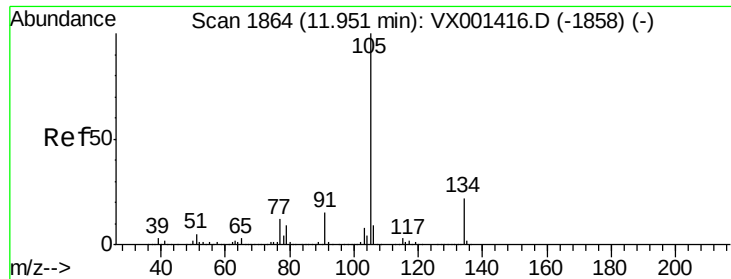
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.2





#85

sec-Butylbenzene

Concen: 55.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 773007

Ion Ratio Lower Upper

105 100

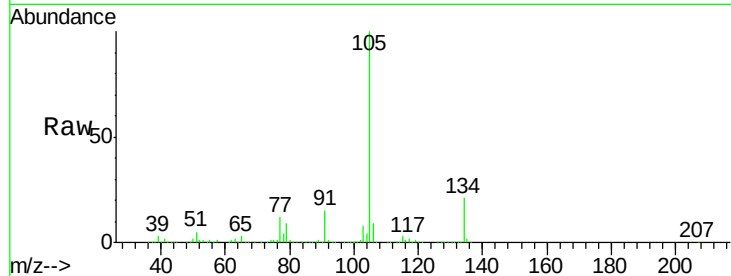
134 21.6 10.9 32.9

Manual Integrations

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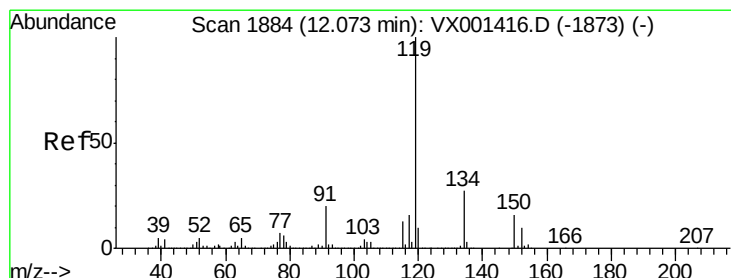
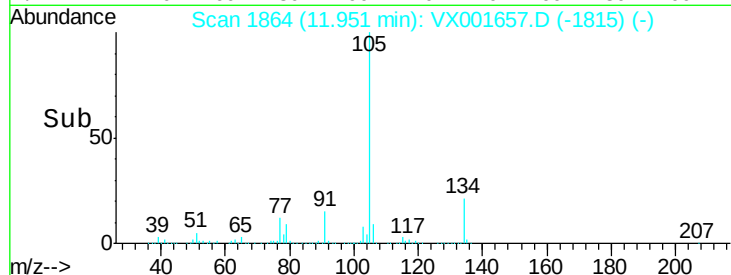
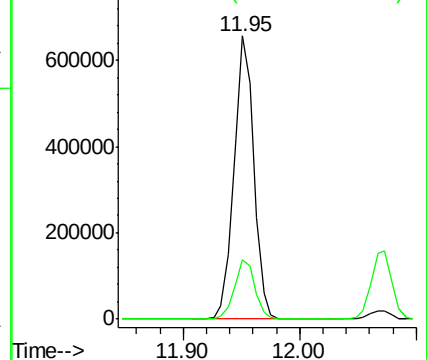
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.99 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001657.D

Acq: 11 May 2018 23:15

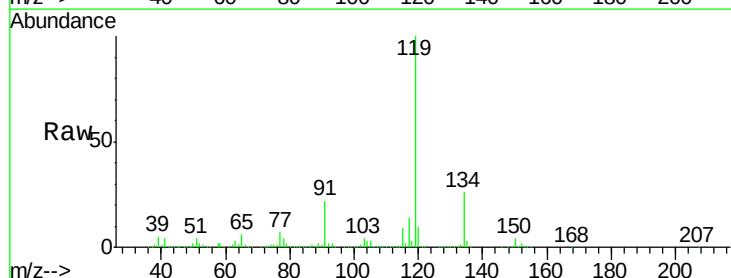
Tgt Ion:119 Resp: 708885

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

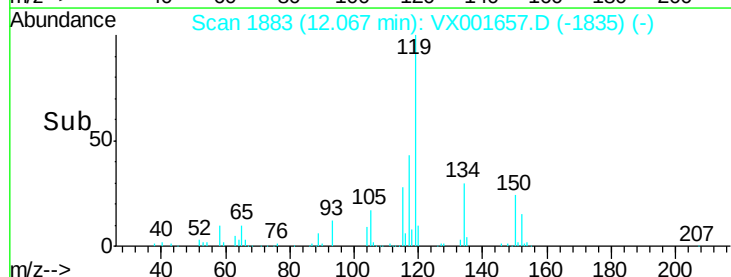
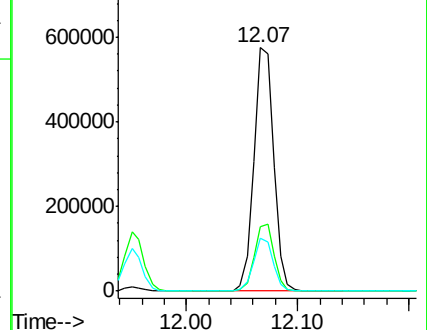
91 21.4 10.8 32.3

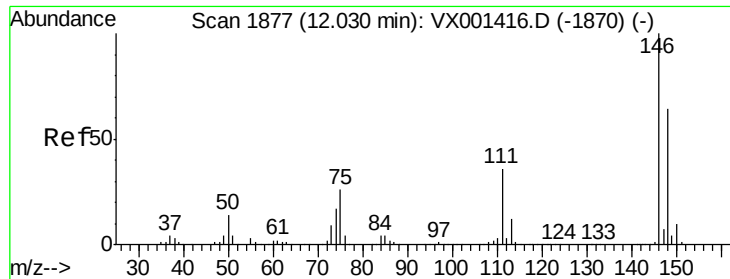


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





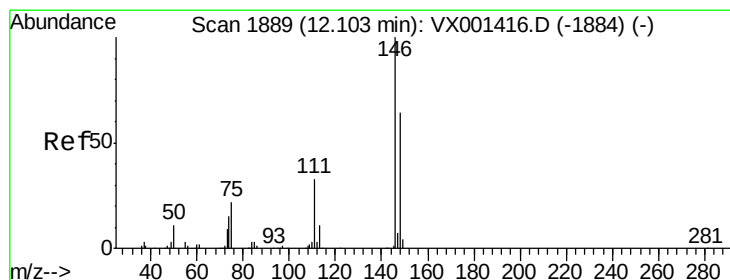
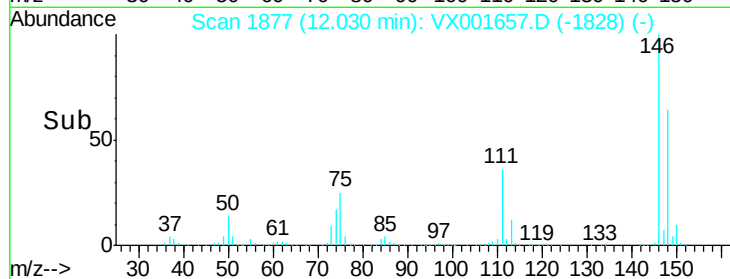
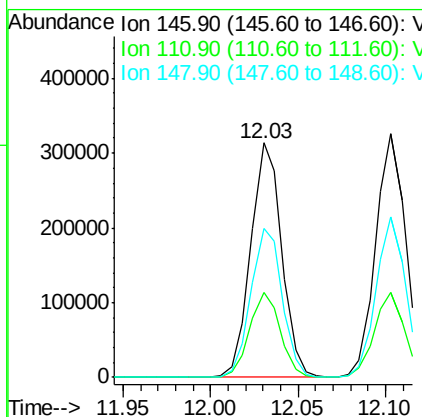
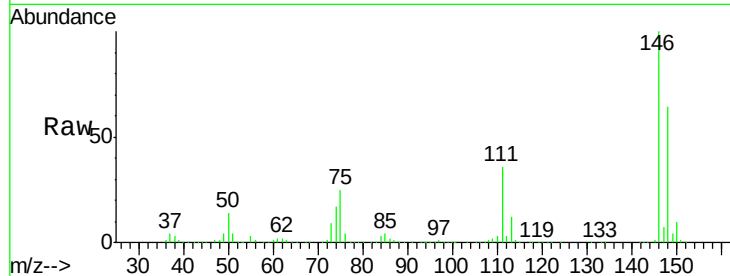
#87
 1,3-Dichlorobenzene
 Concen: 52.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	385750		
111	36.1	18.1	54.1	
148	64.7	32.1	96.5	

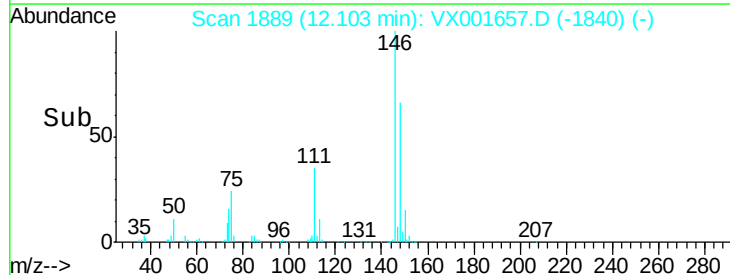
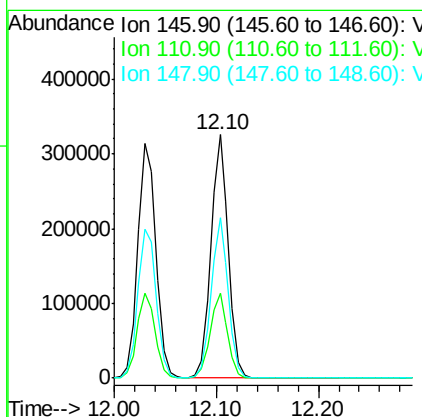
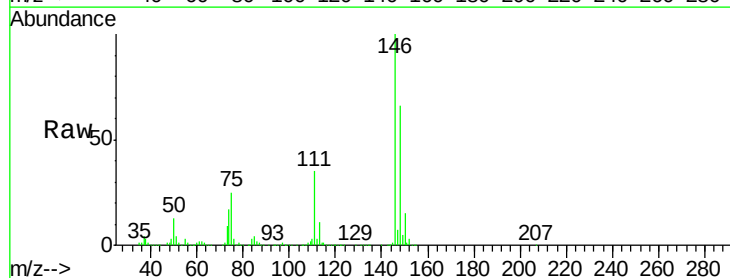
Manual Integrations
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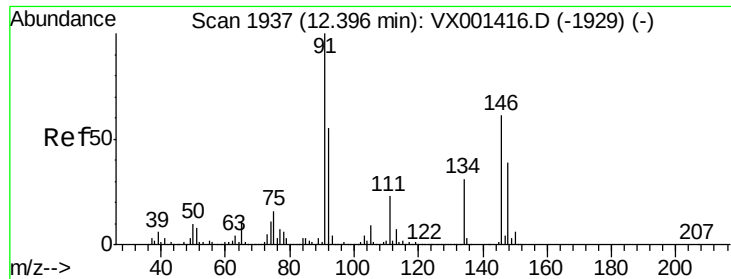
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#88
 1,4-Dichlorobenzene
 Concen: 51.89 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	388746		
111	35.1	17.4	52.3	
148	64.9	32.2	96.6	





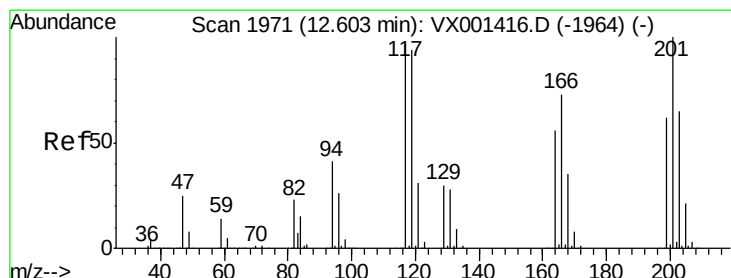
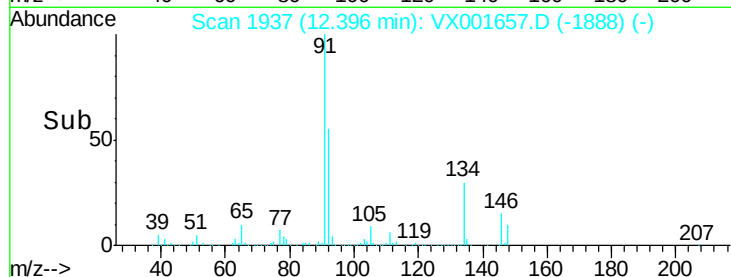
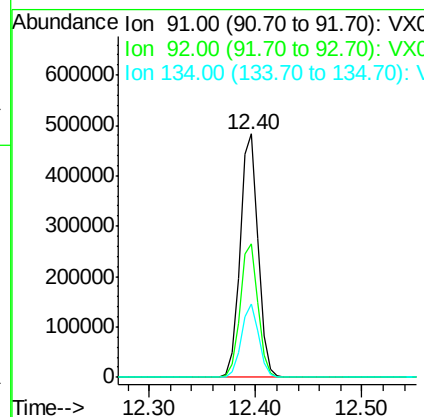
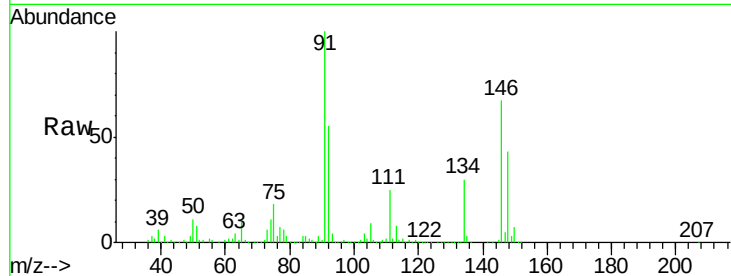
#89
n-Butylbenzene
Concen: 53.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	27.2	81.5	
134	29.3	14.6	44.0	

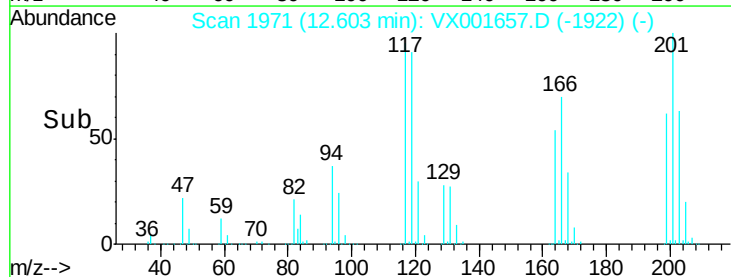
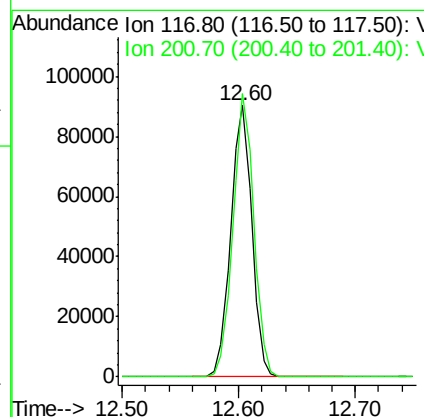
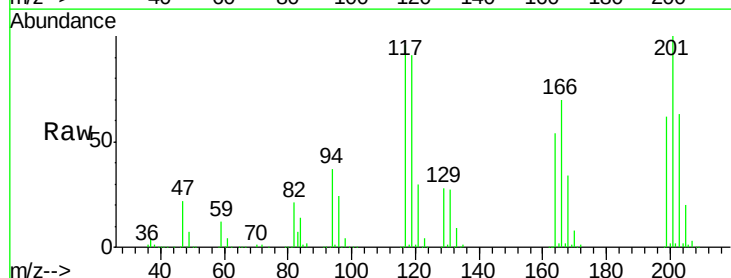
Manual Integrations
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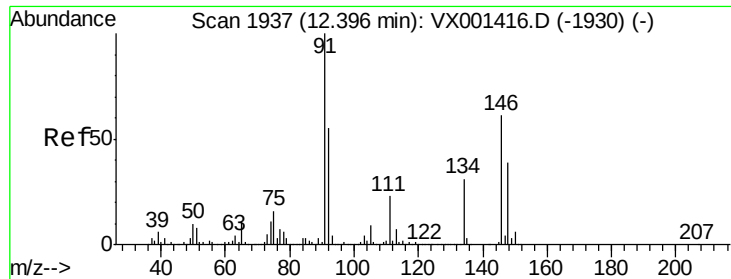
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#90
Hexachloroethane
Concen: 58.35 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	103.0	51.5	154.5	





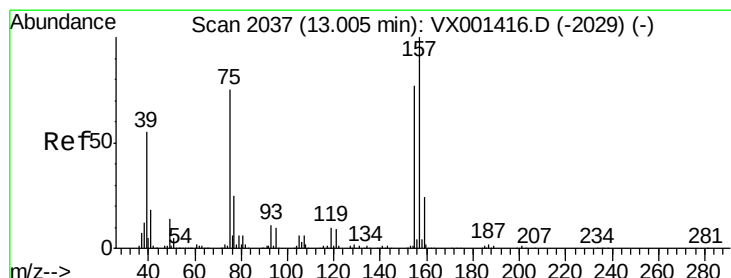
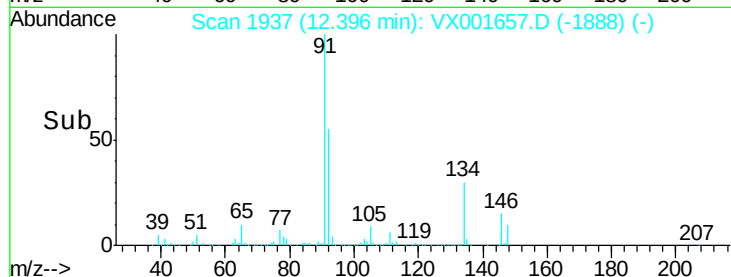
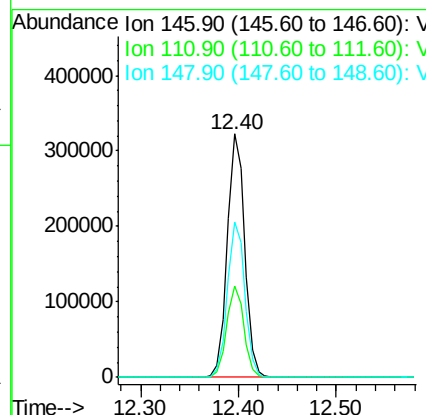
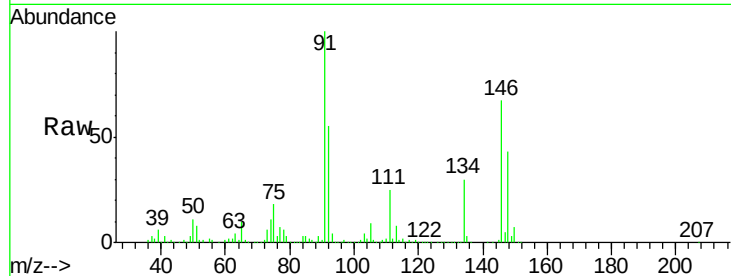
#91
 1,2-Dichlorobenzene
 Concen: 53.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.0	32.1	96.5

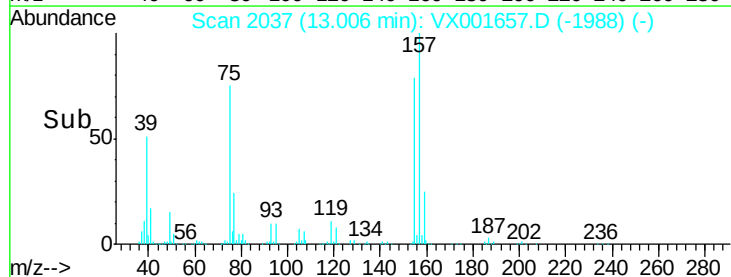
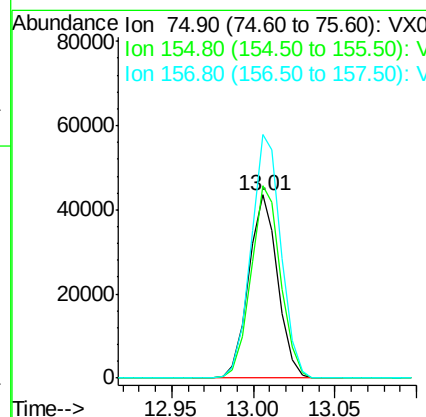
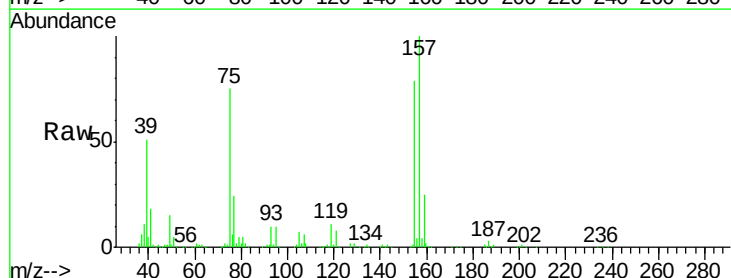
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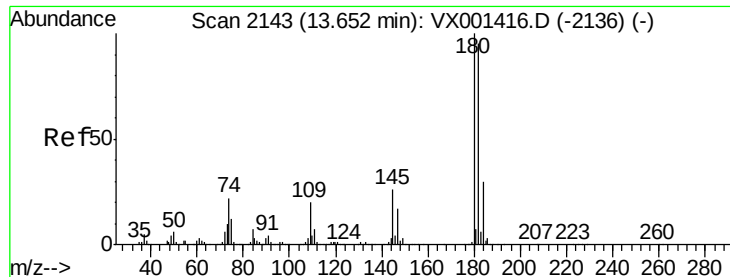
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.6	53.4	160.2
157	137.1	68.3	204.8





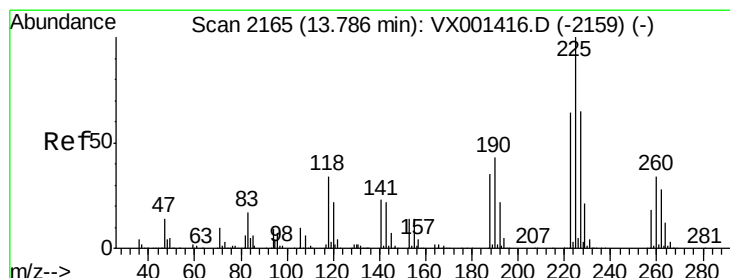
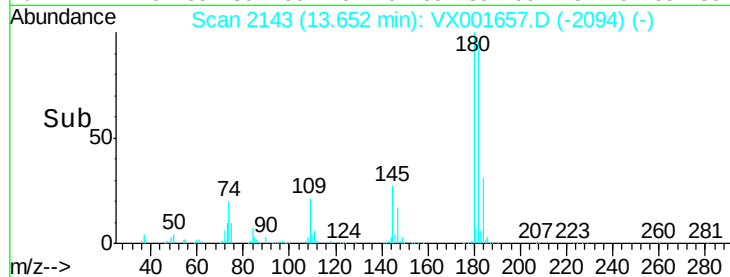
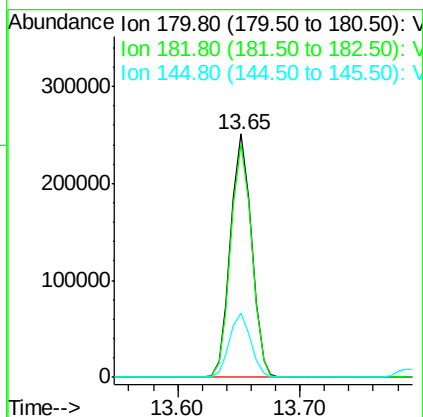
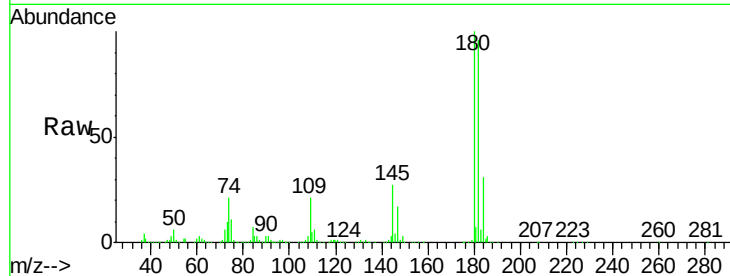
#93
 1,2,4-Trichlorobenzene
 Concen: 54.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	297130		
182	95.8	47.8	143.4	
145	26.7	13.3	39.9	

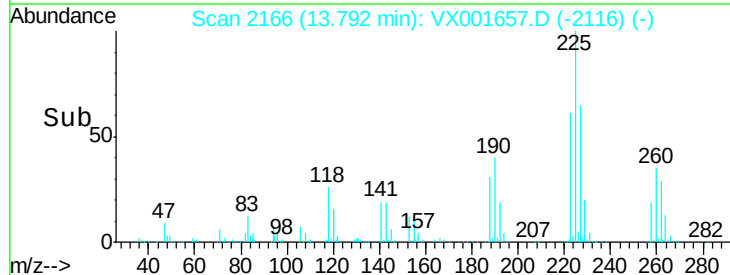
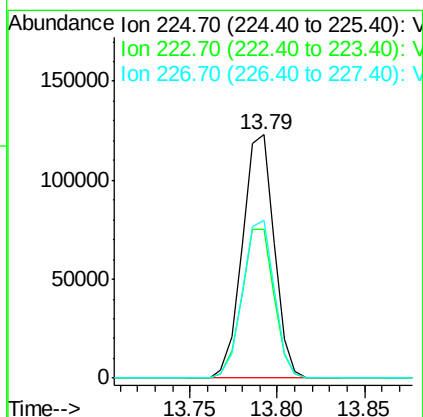
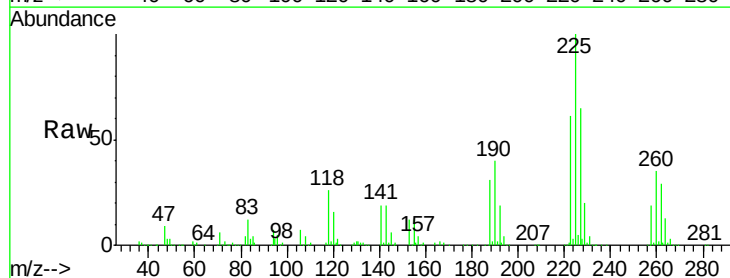
Manual Integrations
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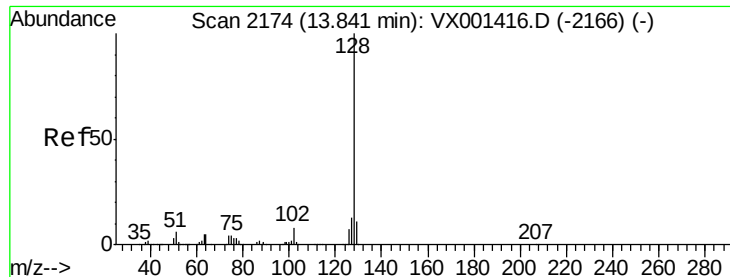
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#94
 Hexachlorobutadiene
 Concen: 51.99 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001657.D
 Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155536		
223	62.0	31.3	93.9	
227	64.4	32.4	97.2	





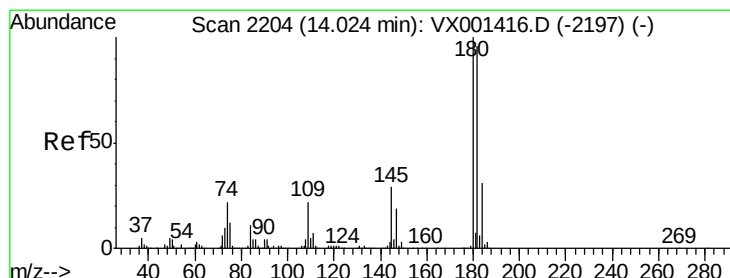
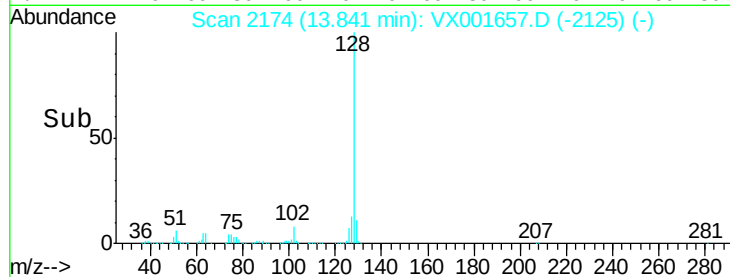
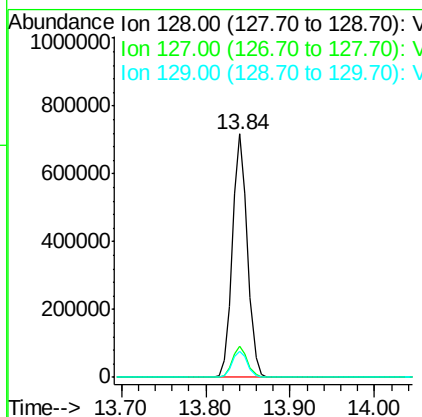
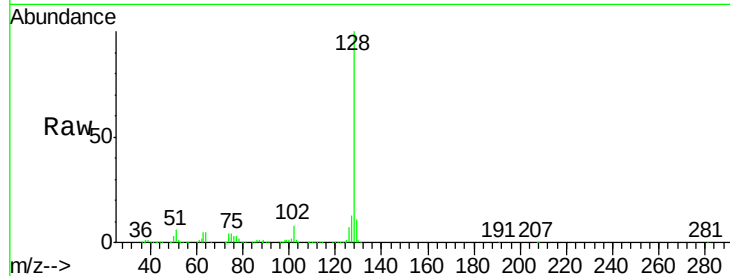
#95
Naphthalene
Concen: 57.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	868916		
127	12.8		10.4	15.6
129	11.1		8.7	13.1

Manual Integrations
APPROVED

apatel
5/14/2018 3:58:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.30 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001657.D
Acq: 11 May 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310283		
182	95.4		48.0	144.2
145	28.3		14.1	42.4

