

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004908.D
 Acq On : 02 Oct 2018 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 10/5/2018 11:55:57 AM

Quant Time: Oct 03 13:08:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161906	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	5.51	113	132022	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	
50) Toluene-d8	8.72	98	506252	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	189673	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177280	53.804	ug/l	99
3) Chloromethane	1.32	50	182052	45.541	ug/l	100
4) Vinyl Chloride	1.40	62	190828	50.896	ug/l	99
5) Bromomethane	1.64	94	117035	52.640	ug/l	95
6) Chloroethane	1.71	64	111921	55.008	ug/l	100
7) Trichlorofluoromethane	1.92	101	245334	52.855	ug/l	96
8) Diethyl Ether	2.19	74	100640	49.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138328	52.318	ug/l	99
10) Methyl Iodide	2.51	142	98595	27.867	ug/l	91
11) Tert butyl alcohol	3.08	59	228429	236.655	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131297	50.143	ug/l	96
13) Acrolein	2.29	56	99498	144.879	ug/l	91
14) Allyl chloride	2.73	41	298542	52.254	ug/l	95
15) Acrylonitrile	3.15	53	528181	248.572	ug/l	97
16) Acetone	2.45	43	534526	265.220	ug/l	93
17) Carbon Disulfide	2.57	76	377935	48.034	ug/l	99
18) Methyl Acetate	2.78	43	279152	54.669	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	489790	54.229	ug/l	96
20) Methylene Chloride	2.85	84	150906	51.524	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	140427	48.991	ug/l	84
22) Diisopropyl ether	3.87	45	508153	52.819	ug/l	96
23) Vinyl Acetate	3.82	43	2249716	255.466	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273947	47.736	ug/l	99
25) 2-Butanone	4.70	43	734759	247.330	ug/l	96
26) 2,2-Dichloropropane	4.58	77	215868	54.018	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	156948	49.014	ug/l	94
28) Bromochloromethane	5.02	49	129501	47.919	ug/l	98
29) Tetrahydrofuran	5.15	42	468309	253.628	ug/l	97
30) Chloroform	5.21	83	260070	47.950	ug/l	99
31) Cyclohexane	5.57	56	241244	54.924	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	224250	50.627	ug/l	95
36) 1,1-Dichloropropene	5.80	75	195816	47.623	ug/l	94
37) Ethyl Acetate	4.86	43	252989	46.352	ug/l	98
38) Carbon Tetrachloride	5.78	117	195624	45.260	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236767	56.392	ug/l #	82
40) Benzene	6.14	78	596035	46.302	ug/l	96
41) Methacrylonitrile	5.06	41	146332	48.344	ug/l	98
42) 1,2-Dichloroethane	6.20	62	211718	46.525	ug/l	97
43) Isopropyl Acetate	6.46	43	391540	49.702	ug/l	96
44) Trichloroethene	7.21	130	156580	49.480	ug/l	96
45) 1,2-Dichloropropane	7.52	63	160763	50.926	ug/l	100
46) Dibromomethane	7.66	93	101566	51.195	ug/l	99
47) Bromodichloromethane	7.90	83	195844	52.725	ug/l	99
48) Methyl methacrylate	7.78	41	204054	57.068	ug/l	100
49) 1,4-Dioxane	7.76	88	80347	904.486	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1351348	272.439	ug/l	99
52) Toluene	8.79	92	373644	52.824	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	228853	54.522	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	248072	56.425	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154174	49.760	ug/l	96
56) Ethyl methacrylate	9.18	69	251855	50.087	ug/l	97
57) 1,3-Dichloropropane	9.37	76	260183	50.456	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	681969	255.140	ug/l	100
59) 2-Hexanone	9.50	43	1076562	260.453	ug/l	96
60) Dibromochloromethane	9.59	129	159468	51.465	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158609	47.800	ug/l	95
64) Tetrachloroethene	9.34	164	146821	44.254	ug/l	96
65) Chlorobenzene	10.14	112	418001	48.358	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	151620	49.894	ug/l	99
67) Ethyl Benzene	10.26	91	713526	51.994	ug/l	95
68) m/p-Xylenes	10.36	106	553219	103.161	ug/l	96
69) o-Xylene	10.70	106	268134	54.437	ug/l	99
70) Styrene	10.71	104	450415	48.940	ug/l	100
71) Bromoform	10.86	173	130917	50.321	ug/l #	97
73) Isopropylbenzene	11.02	105	724621	55.372	ug/l	100
74) N-amyl acetate	10.90	43	358858	49.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	253811	47.646	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232001m	49.855	ug/l	
77) Bromobenzene	11.26	156	192909	50.751	ug/l	99
78) n-propylbenzene	11.36	91	828528	55.180	ug/l	99
79) 2-Chlorotoluene	11.42	91	491877	52.555	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	609852	50.849	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75528	44.495	ug/l	98
82) 4-Chlorotoluene	11.51	91	582144	52.844	ug/l	100
83) tert-Butylbenzene	11.77	119	606150	56.258	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	633988	51.260	ug/l	99
85) sec-Butylbenzene	11.95	105	724874	55.234	ug/l	100
86) p-Isopropyltoluene	12.07	119	652172	54.850	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	354056	49.883	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	358260	48.897	ug/l	100
89) n-Butylbenzene	12.39	91	589043	54.549	ug/l	99
90) Hexachloroethane	12.60	117	104557	52.815	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	359544	48.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58139	49.706	ug/l	99

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VSTDCCC050EC

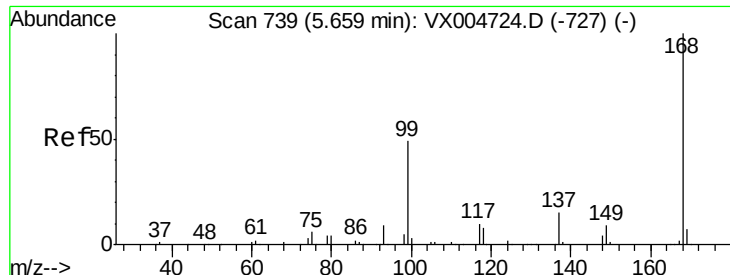
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273361	52.537	ug/l	100
94) Hexachlorobutadiene	13.79	225	131160	48.612	ug/l	100
95) Naphthalene	13.83	128	872579	50.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276425	51.429	ug/l	100

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



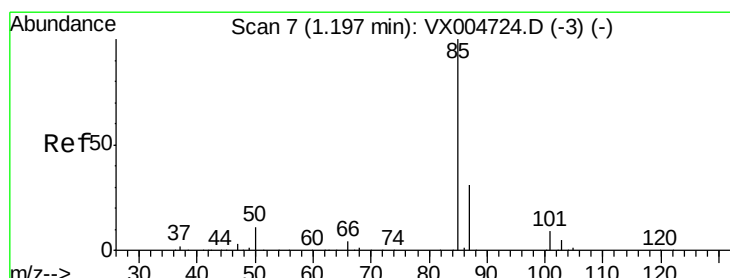
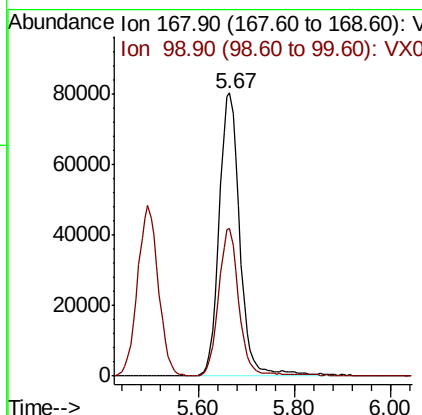
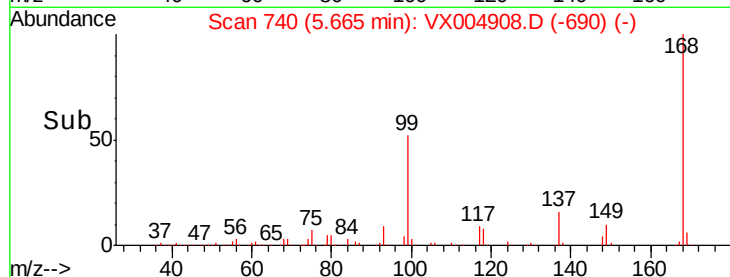
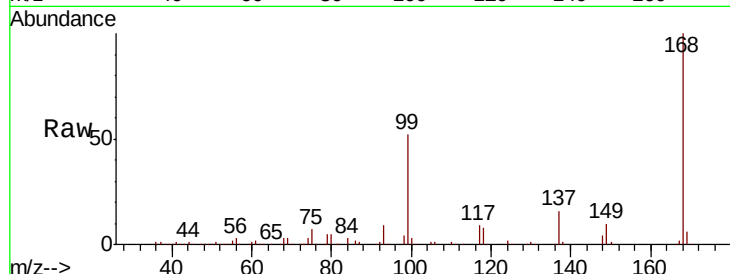
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.1	39.3	58.9

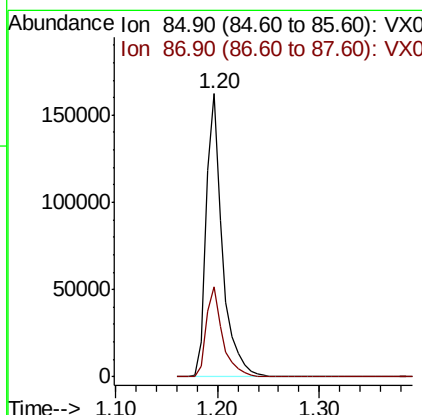
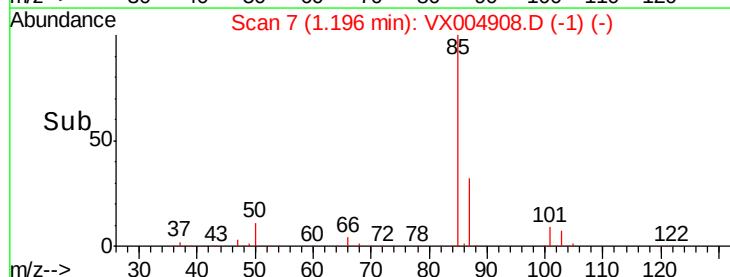
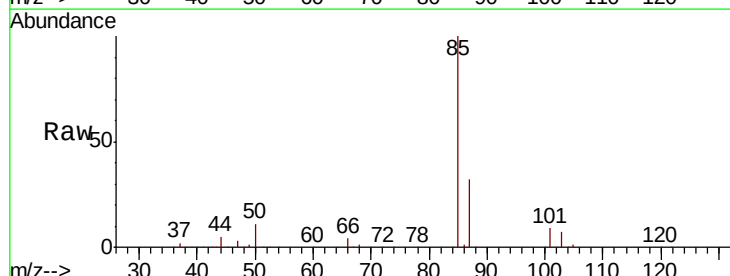
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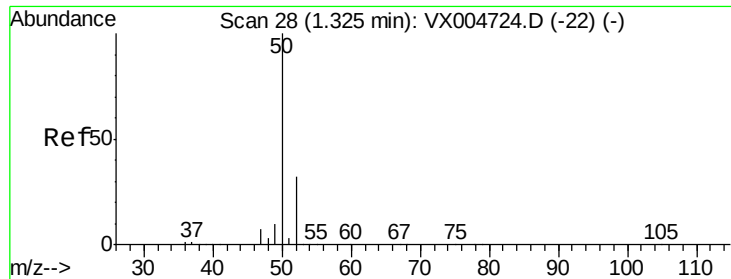
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#2
Dichlorodifluoromethane
Concen: 53.804 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.7	47.1





#3

Chloromethane

Concen: 45.541 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 182052

Ion Ratio Lower Upper

50 100

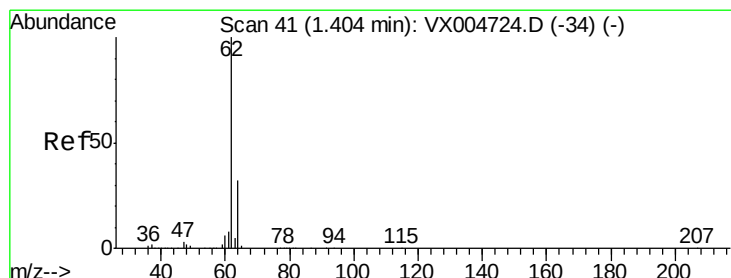
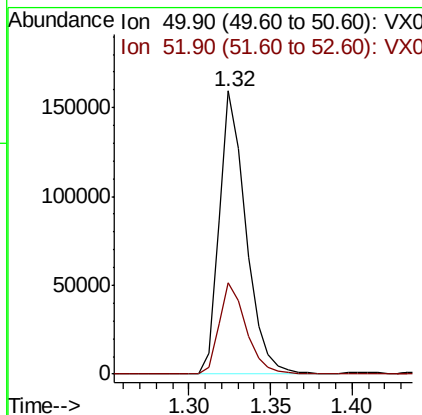
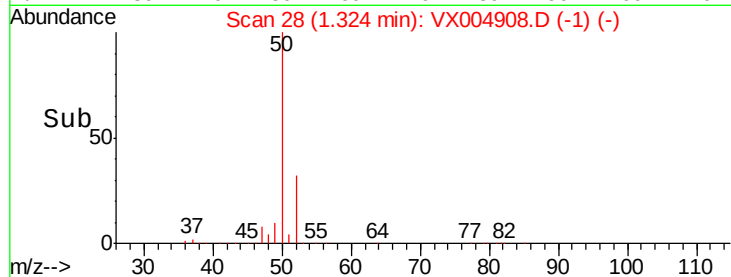
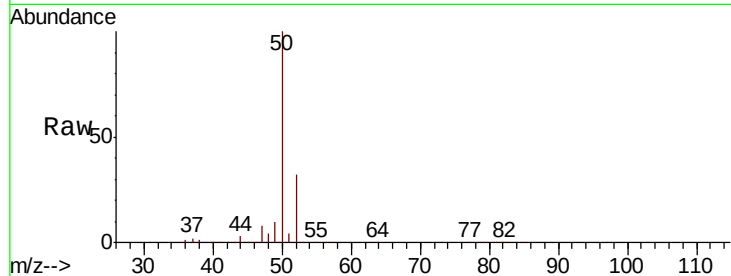
52 32.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 50.896 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004908.D

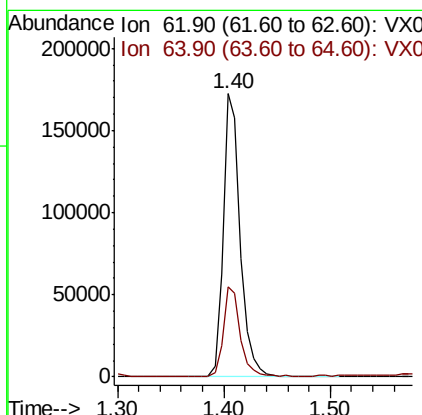
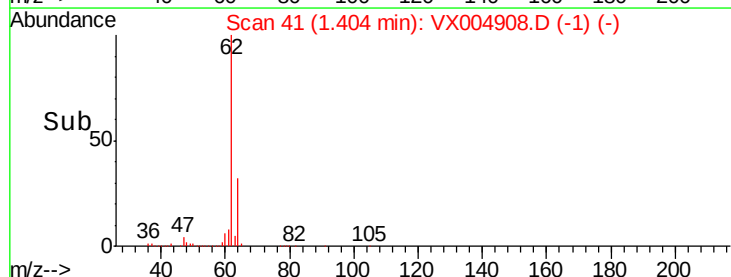
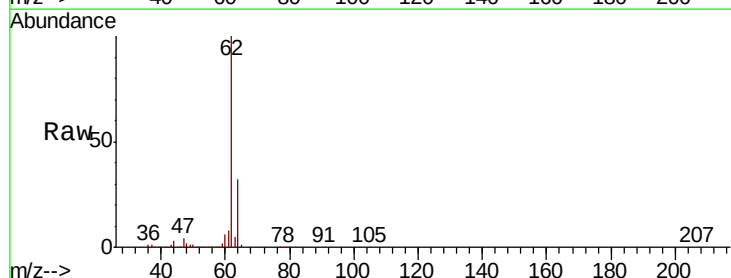
Acq: 02 Oct 2018 08:51

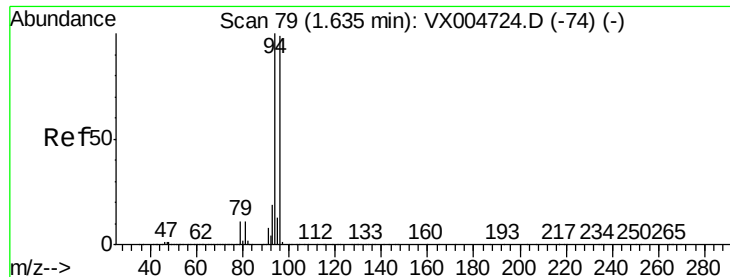
Tgt Ion: 62 Resp: 190828

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 52.640 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 117035

Ion Ratio Lower Upper

94 100

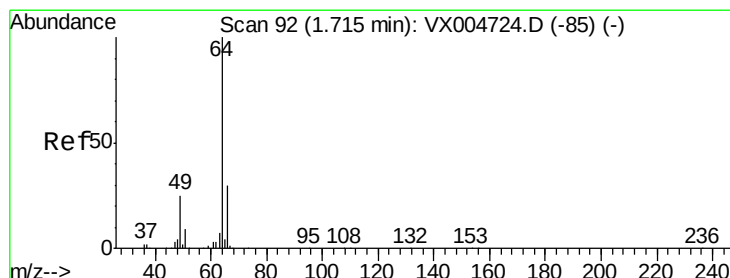
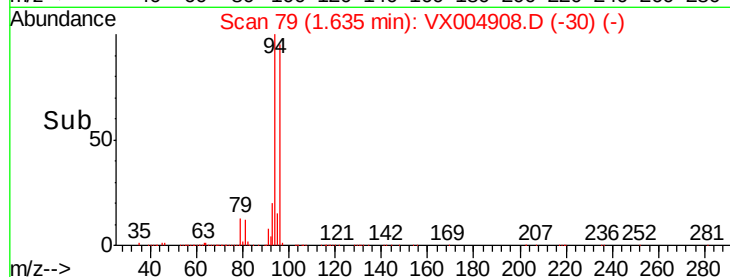
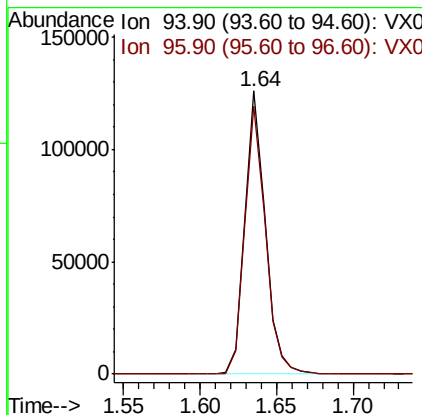
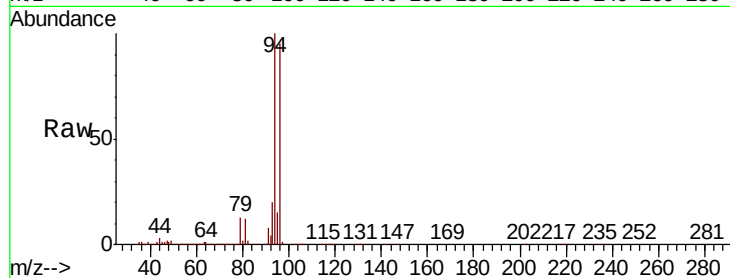
96 94.7 79.5 119.3

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#6

Chloroethane

Concen: 55.008 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004908.D

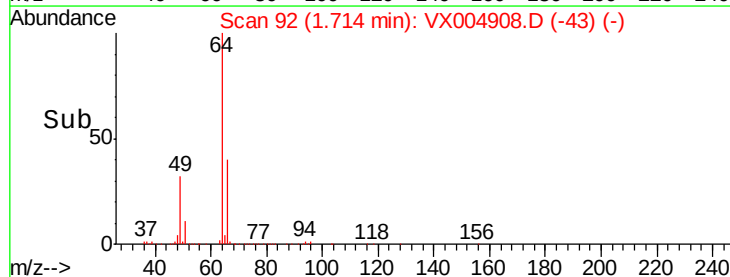
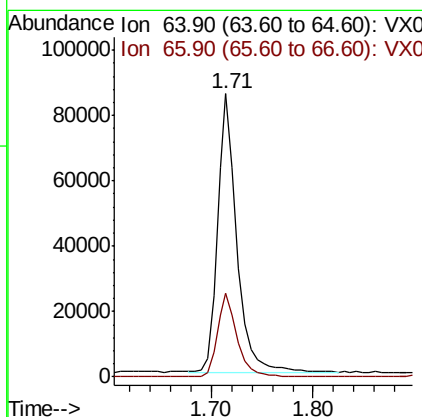
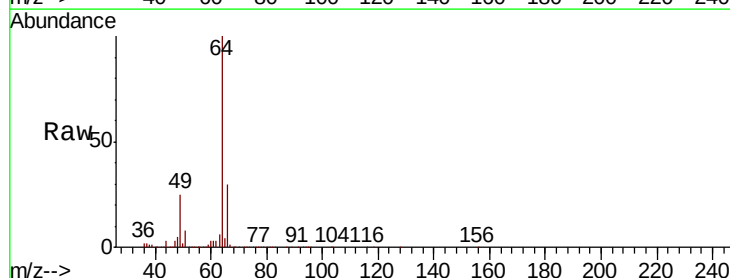
Acq: 02 Oct 2018 08:51

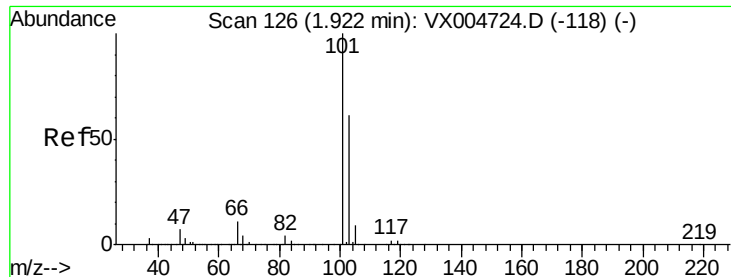
Tgt Ion: 64 Resp: 111921

Ion Ratio Lower Upper

64 100

66 30.0 23.8 35.6





#7

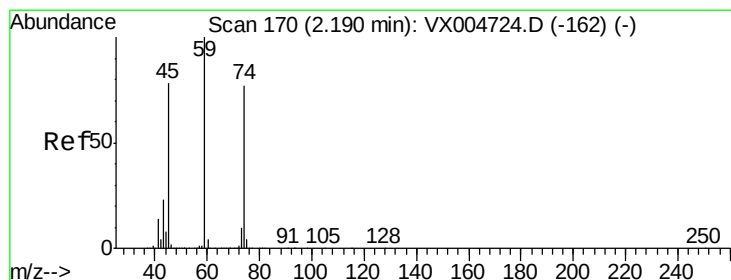
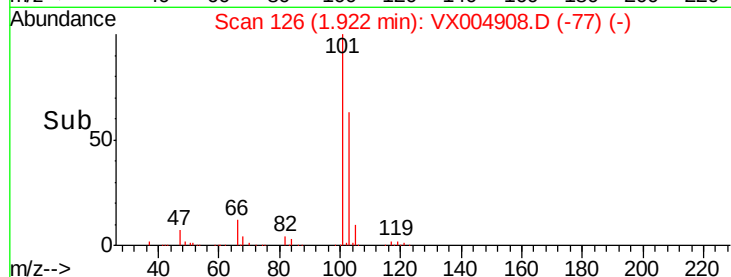
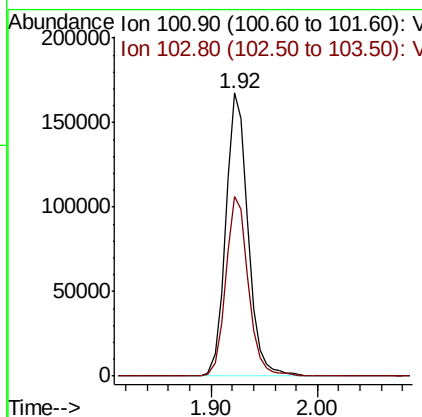
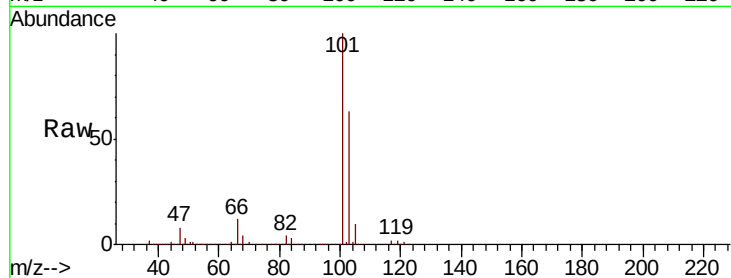
Trichlorofluoromethane
 Concen: 52.855 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	48.4	72.6

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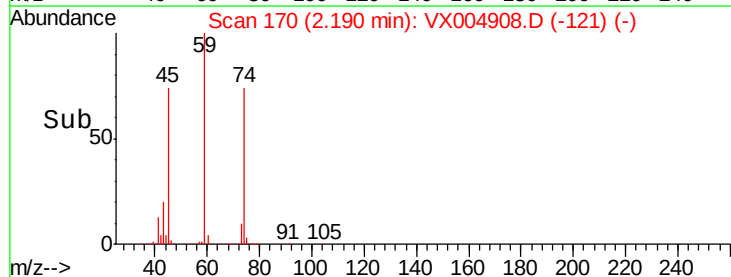
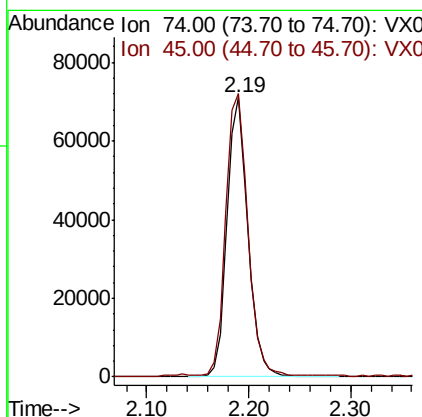
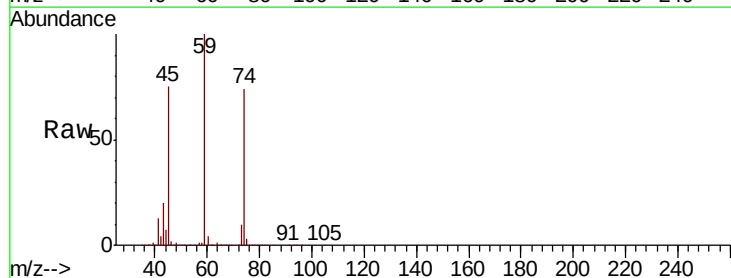
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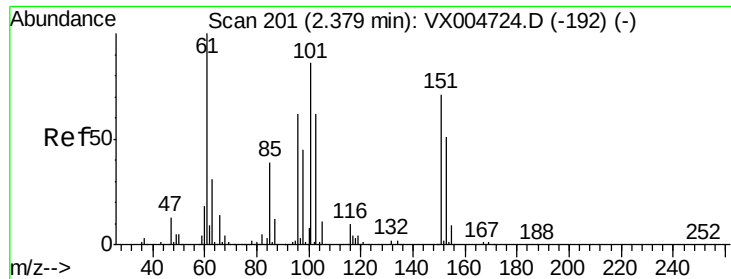


#8

Diethyl Ether
 Concen: 49.909 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.318 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

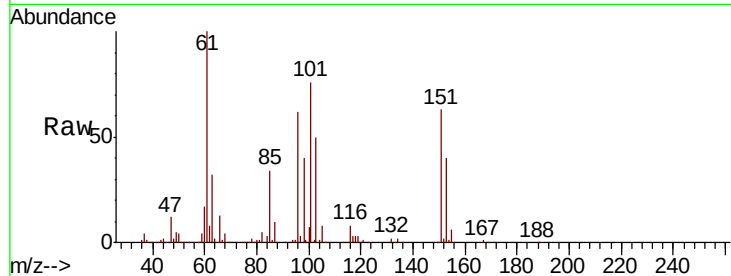
ClientSampleId :

VSTDCCC050EC

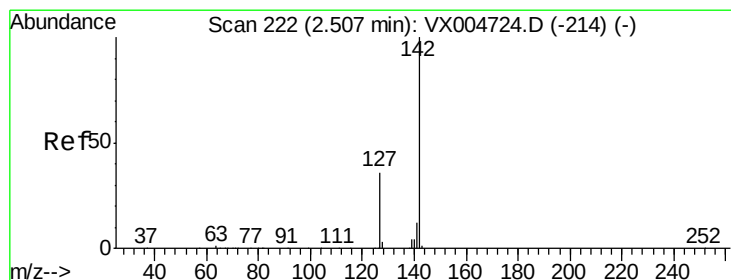
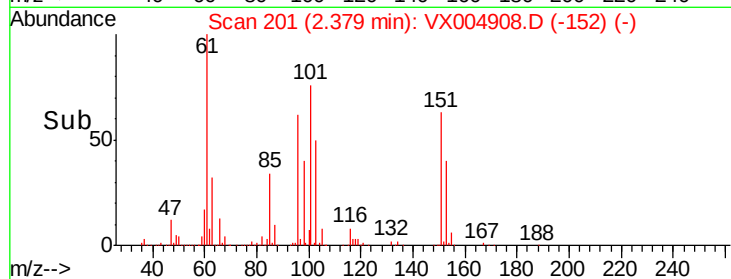
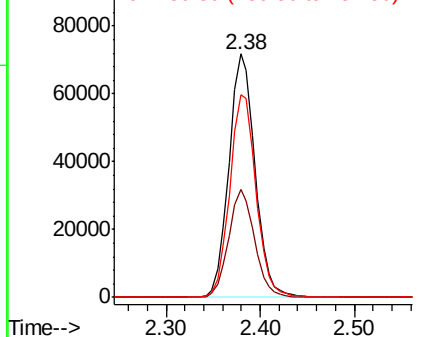
Tot Ion:	101	Resp:	138328
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.9	53.9
151	83.9	66.6	100.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.867 ug/l

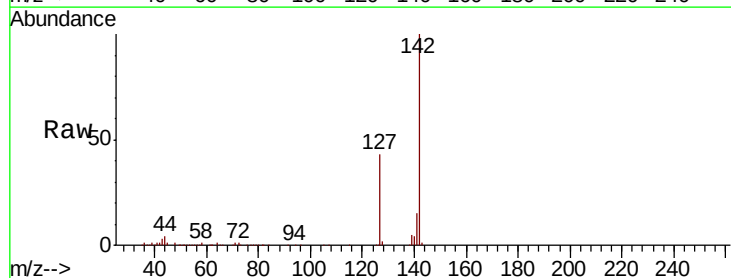
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

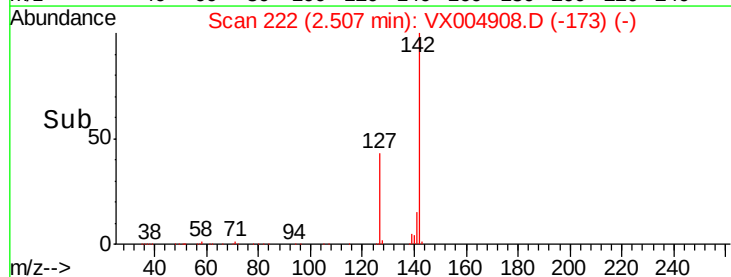
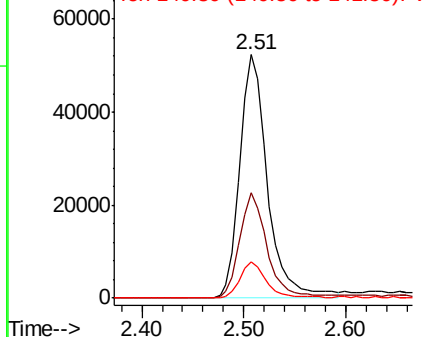
Lab File: VX004908.D

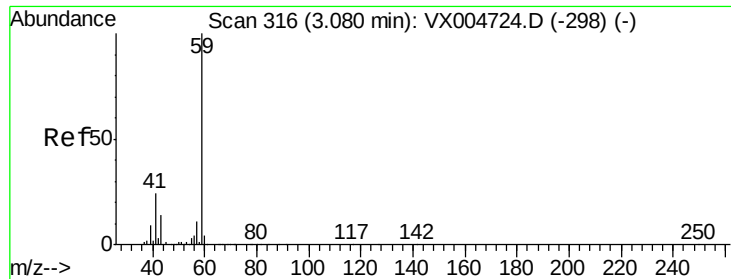
Acq: 02 Oct 2018 08:51

Tgt Ion:	142	Resp:	98595
Ion Ratio	Lower	Upper	
142	100		
127	43.8	30.1	45.1
141	14.4	10.1	15.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

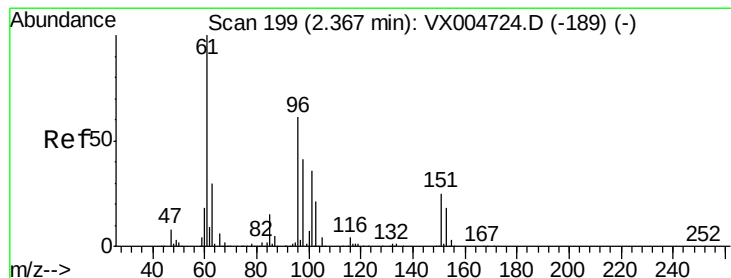
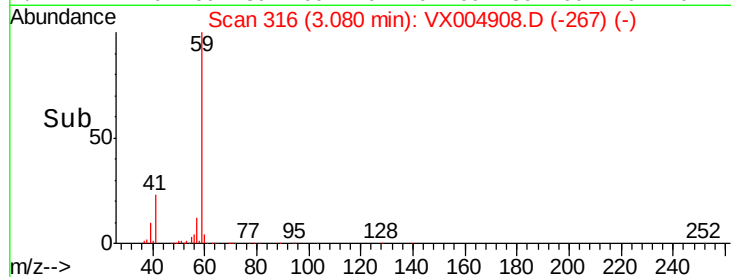
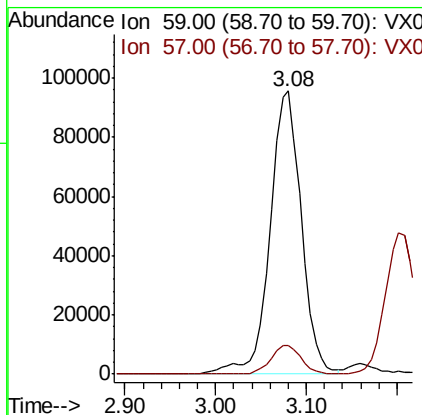
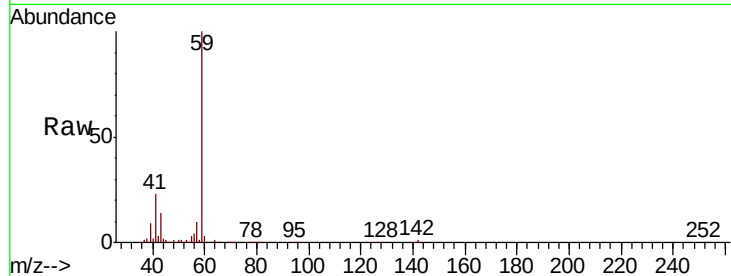
Tert butyl alcohol
 Concen: 236.655 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

Manual Integrations
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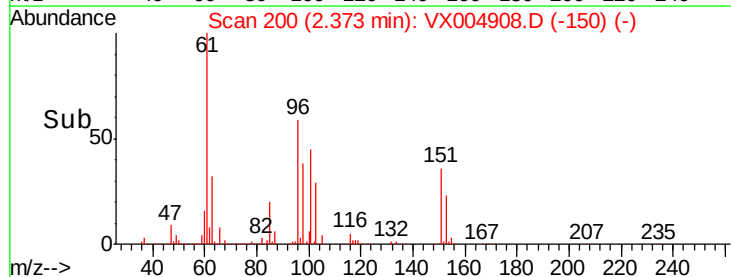
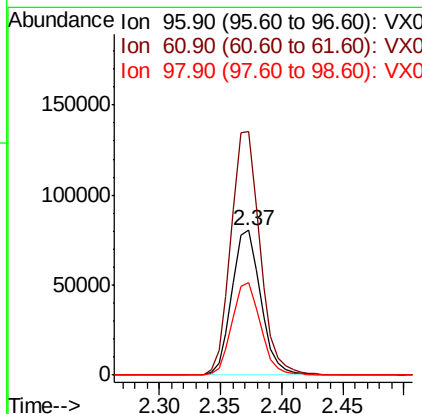
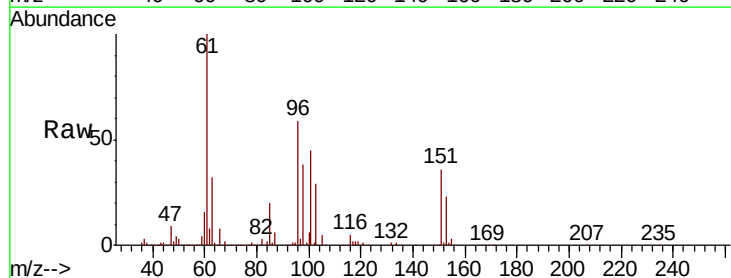
apatel
 10/5/2018 11:55:57 AM

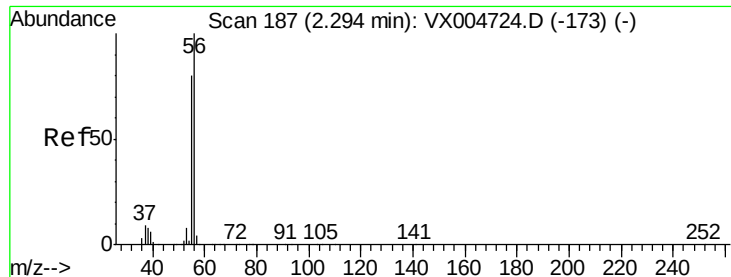


#12

1,1-Dichloroethene
 Concen: 50.143 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	130.2	195.4
98	63.8	53.4	80.0





#13

Acrolein

Concen: 144.879 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 99498

Ion Ratio Lower Upper

56 100

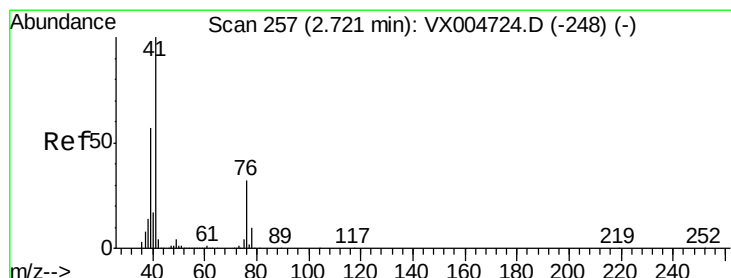
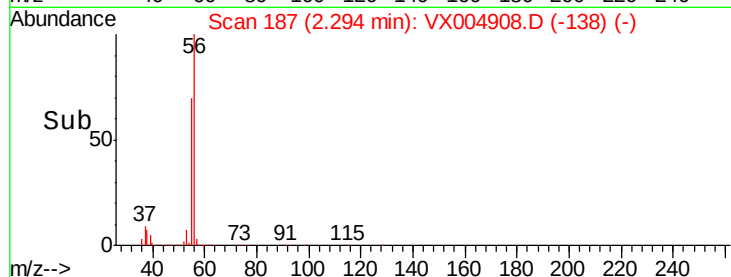
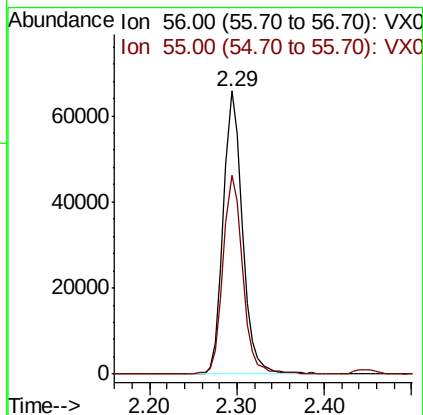
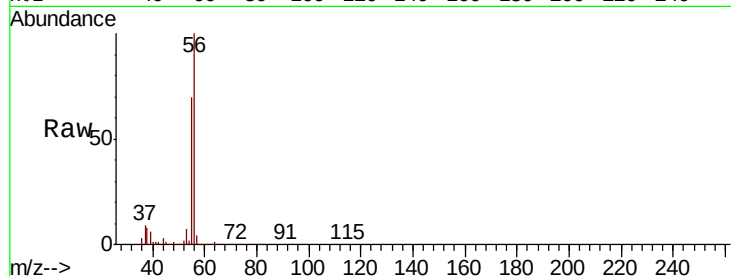
55 71.5 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 52.254 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

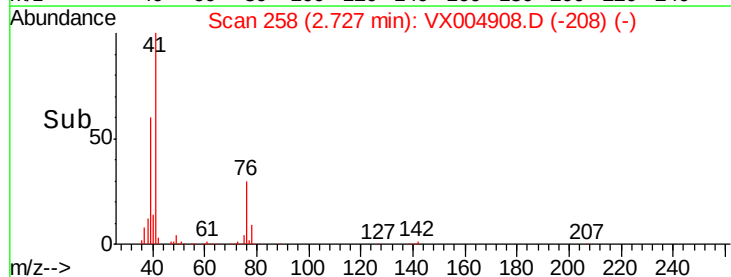
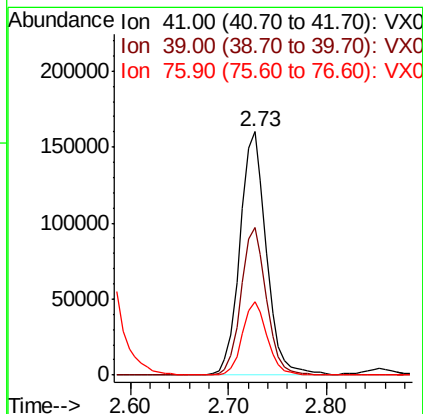
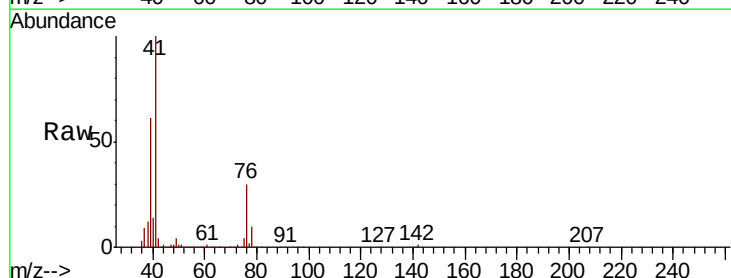
Tgt Ion: 41 Resp: 298542

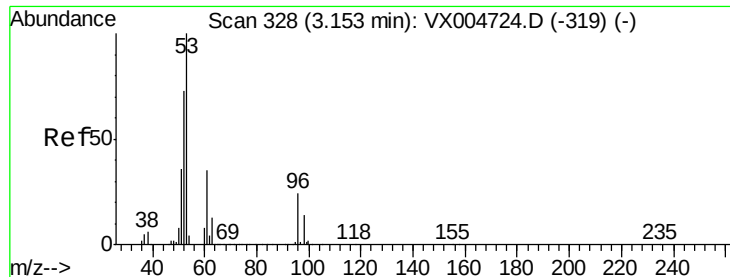
Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

76 28.4 25.0 37.4





#15

Acrylonitrile

Concen: 248.572 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

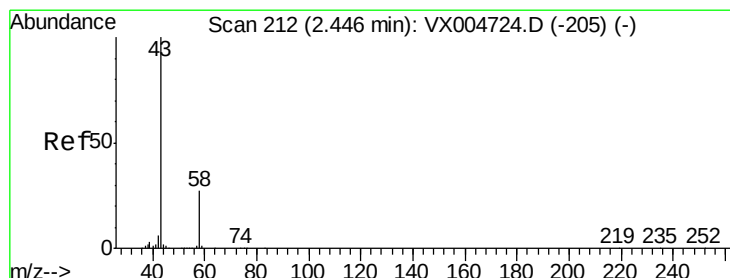
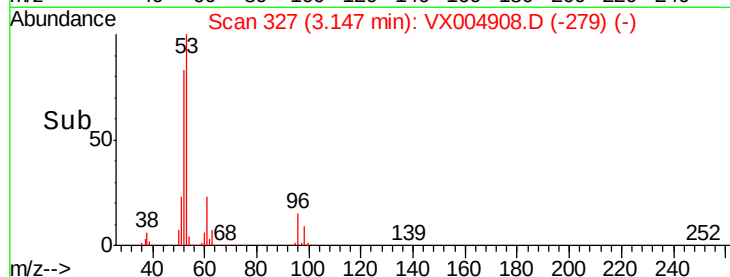
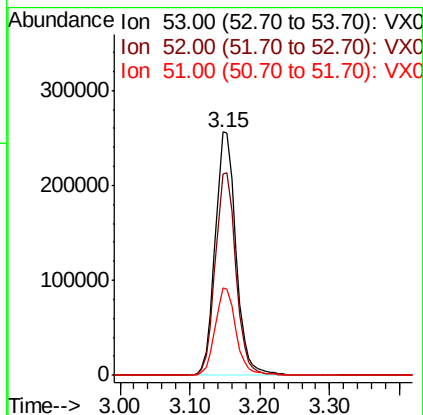
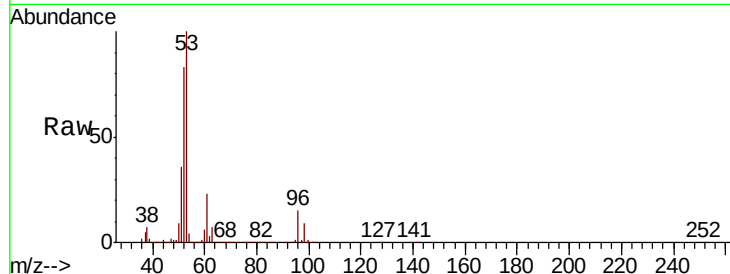
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	528181
Ion Ratio	Lower	Upper	
53	100		
52	82.9	63.0	94.4
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 265.220 ug/l

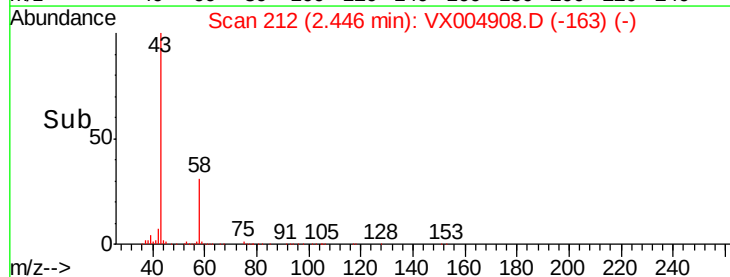
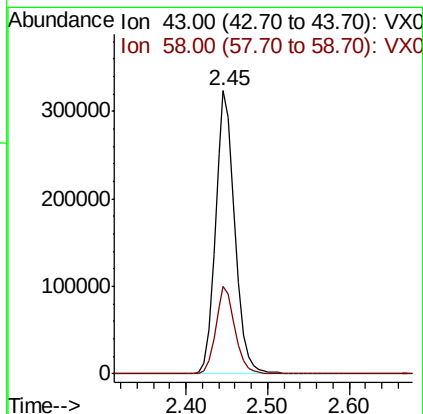
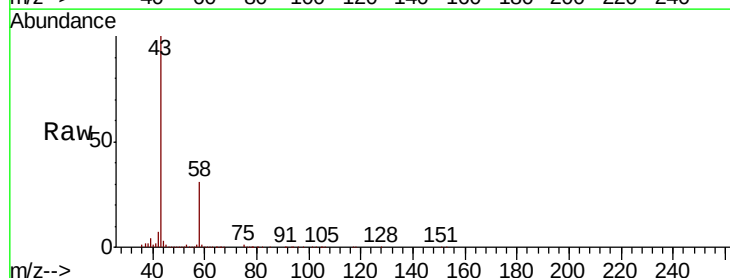
RT: 2.45 min Scan# 212

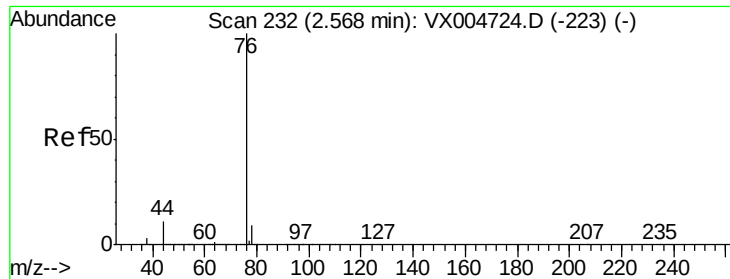
Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	43	Resp:	534526
Ion Ratio	Lower	Upper	
43	100		
58	30.8	21.8	32.6





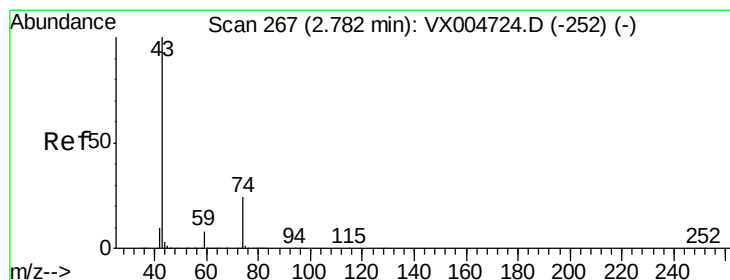
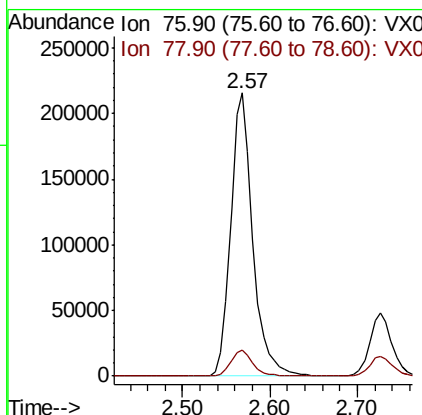
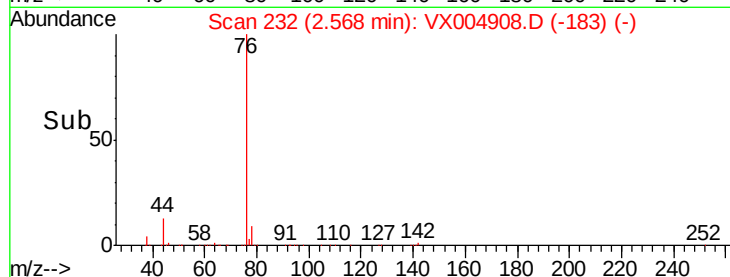
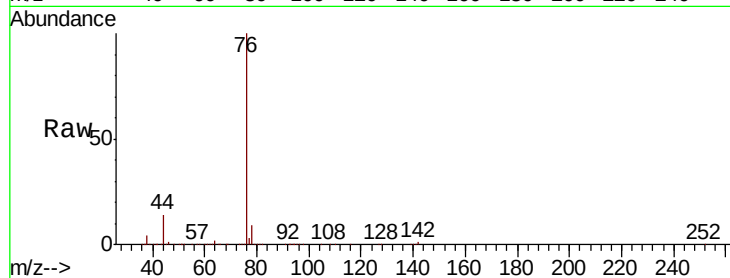
#17
Carbon Disulfide
Concen: 48.034 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

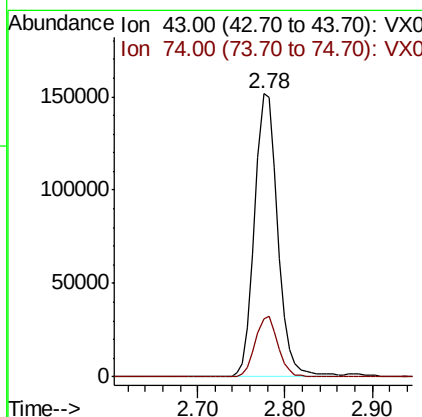
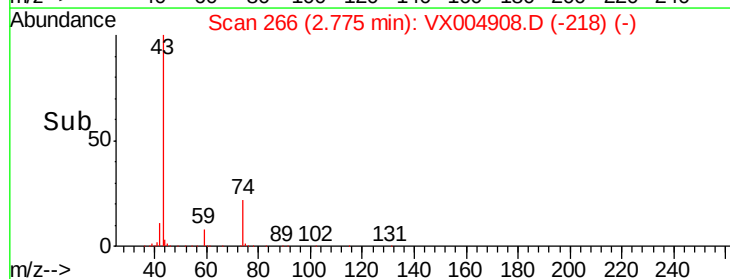
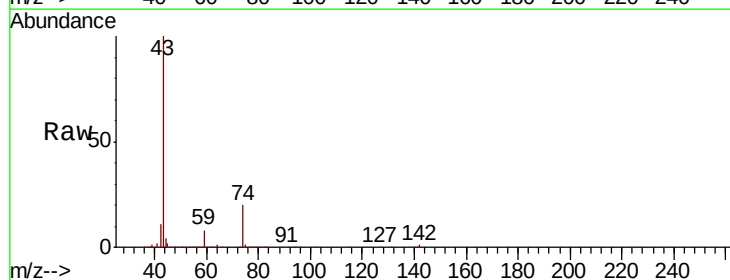
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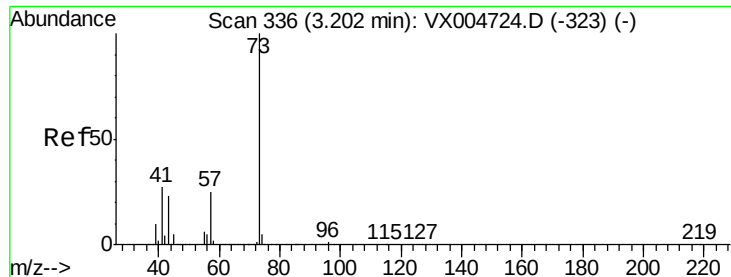
apatel
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#18
Methyl Acetate
Concen: 54.669 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.8	26.8





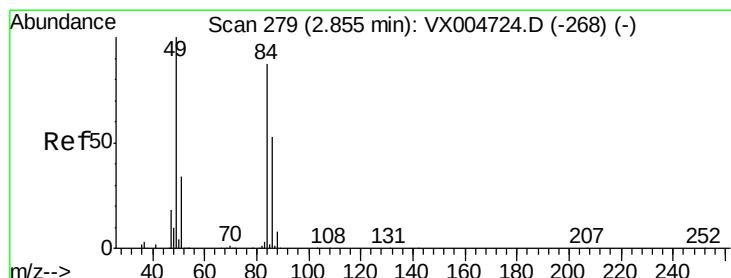
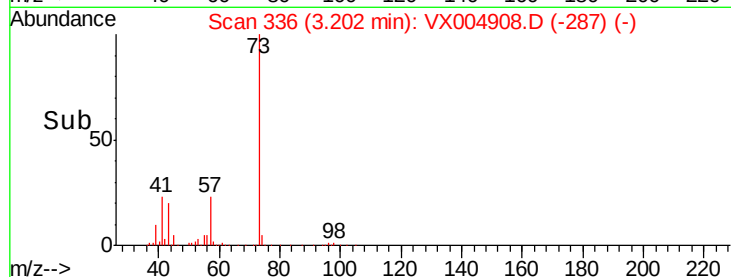
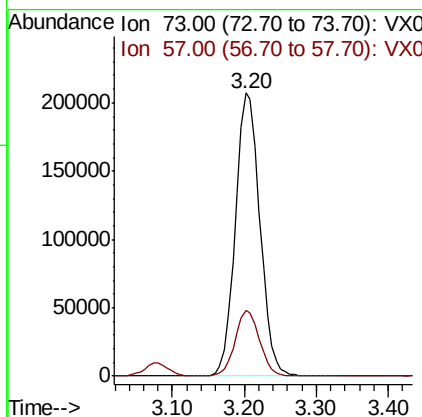
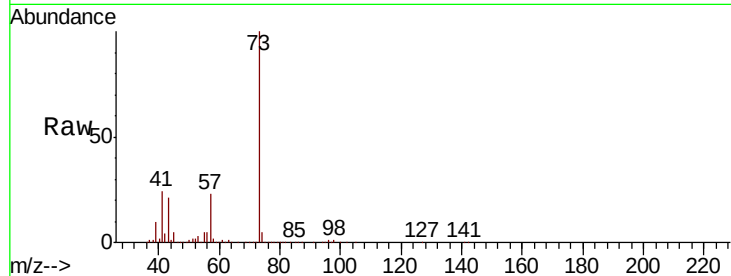
#19
Methyl tert-butyl Ether
Concen: 54.229 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	489790
Ion Ratio	100	Lower	Upper
73	100	19.9	29.9
57	23.0		

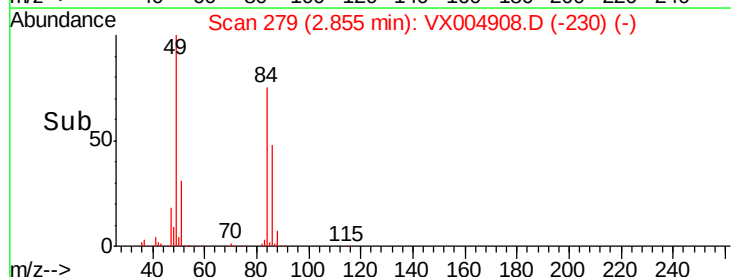
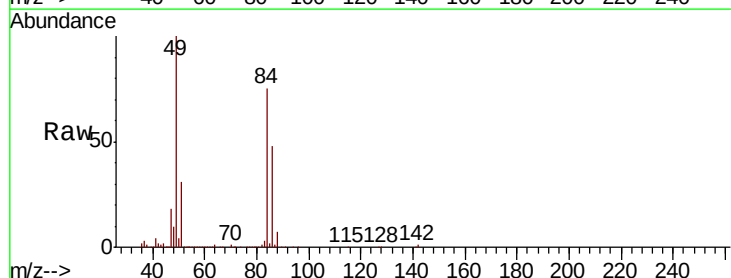
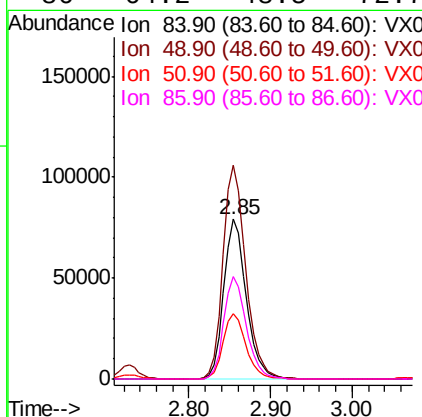
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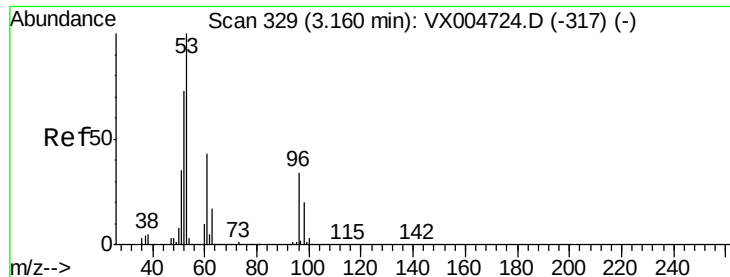
apatel
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#20
Methylene Chloride
Concen: 51.524 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	84	Resp	150906
Ion Ratio	100	Lower	Upper
84	100	92.3	138.5
49	133.7	31.8	47.6
51	41.1	48.5	72.7
86	64.2		





#21

trans-1,2-Dichloroethene

Concen: 48.991 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

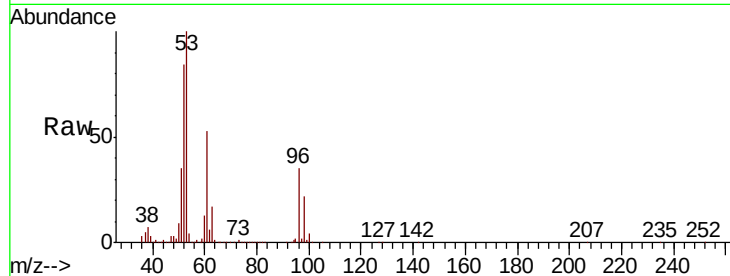
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140427
Ion Ratio	Lower	Upper	
96	100		
61	149.7	101.0	151.6
98	63.1	47.2	70.8

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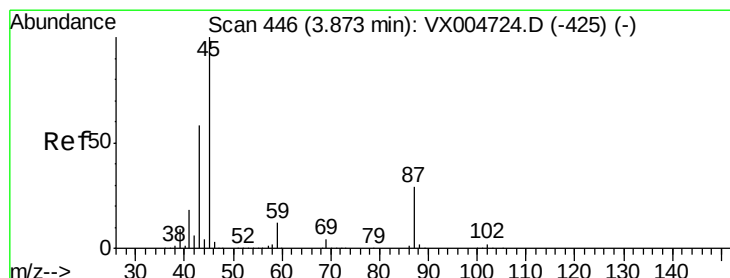
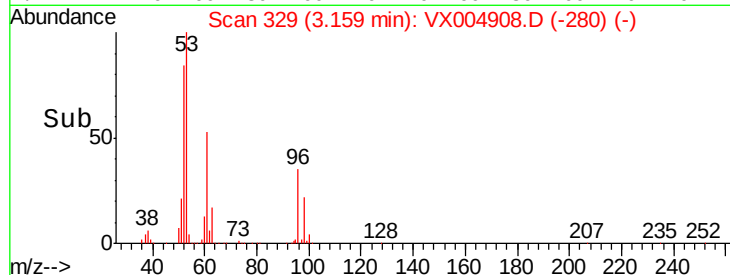
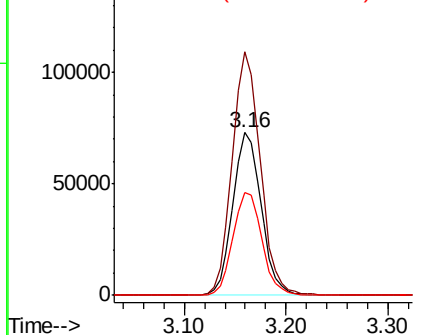


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.819 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	45	Resp:	508153
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.7	70.1
87	24.9	22.9	34.3
59	11.2	9.3	13.9

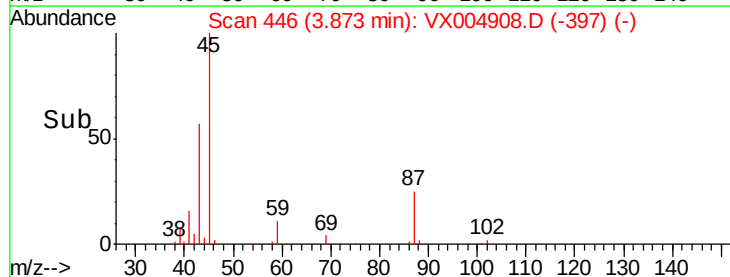
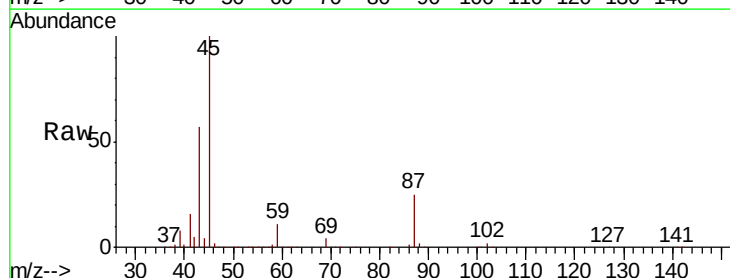
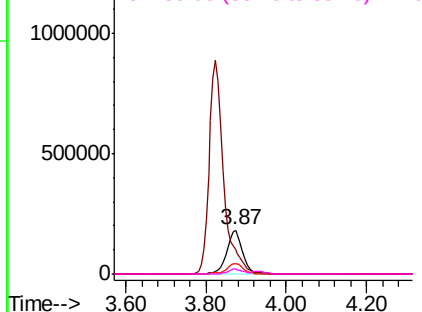
Abundance

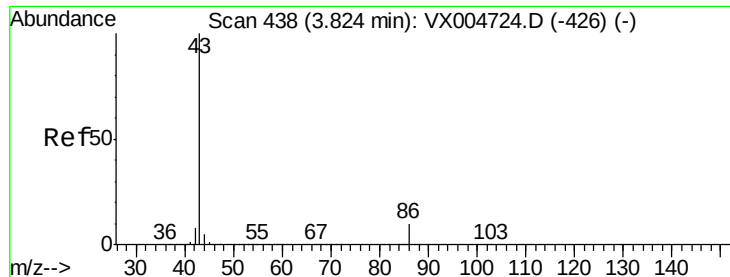
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





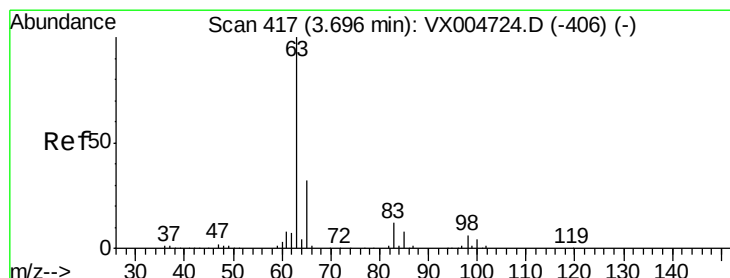
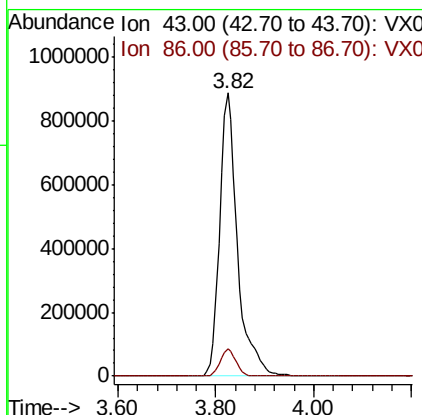
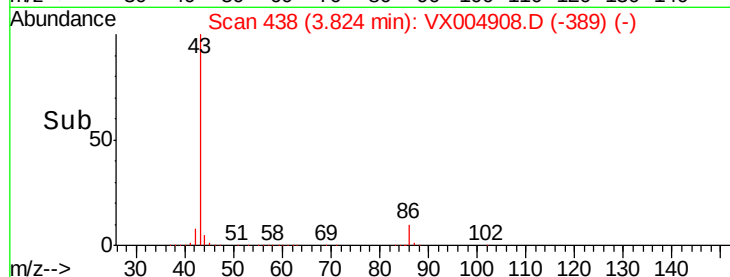
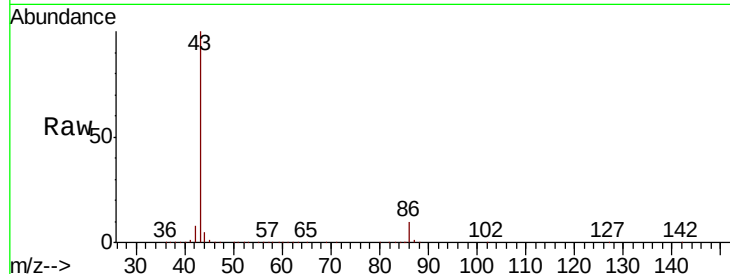
#23
 Vinyl Acetate
 Concen: 255.466 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2249716
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

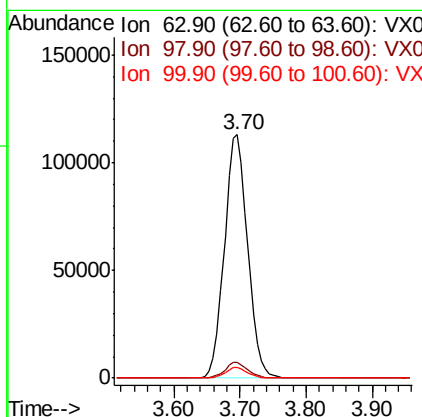
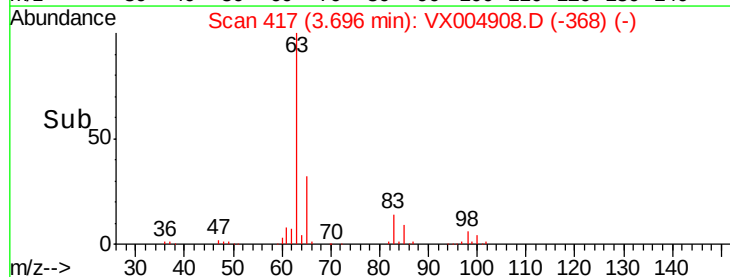
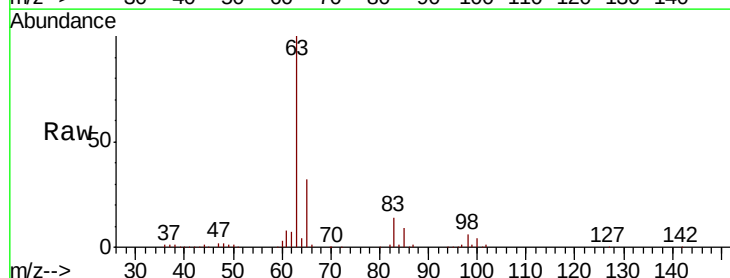
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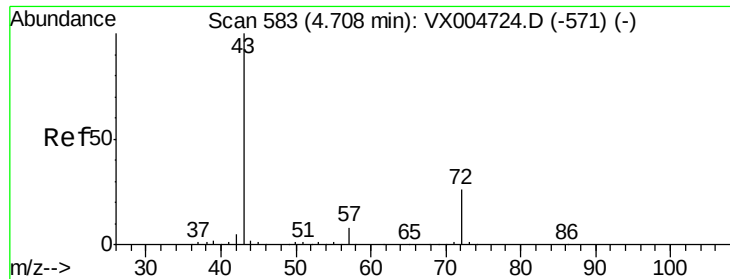
apatel
 10/5/2018 11:55:57 AM



#24
 1,1-Dichloroethane
 Concen: 47.736 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion: 63 Resp: 273947
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 247.330 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 734759

Ion Ratio Lower Upper

43 100

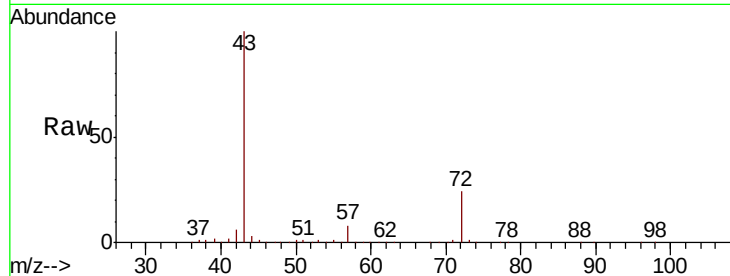
72 23.9 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

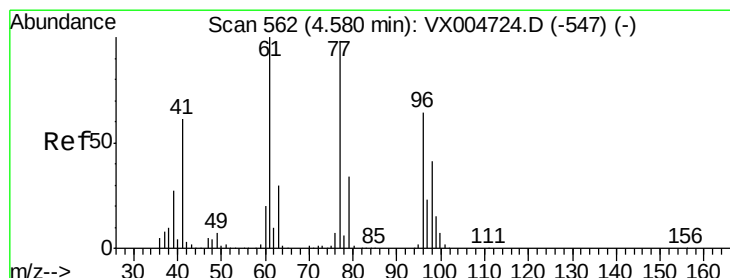
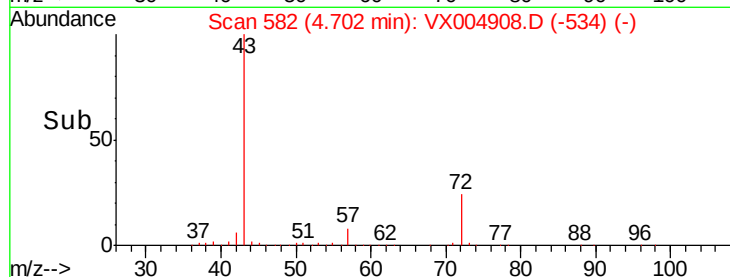
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 54.018 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004908.D

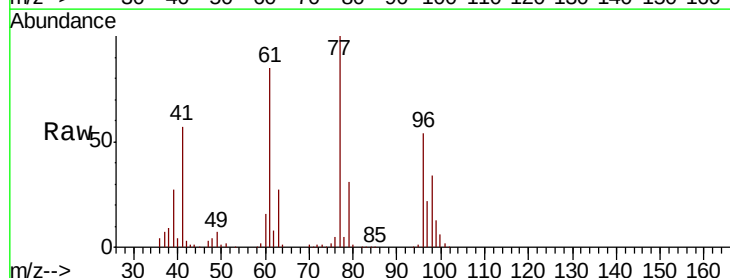
Acq: 02 Oct 2018 08:51

Tgt Ion: 77 Resp: 215868

Ion Ratio Lower Upper

77 100

97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

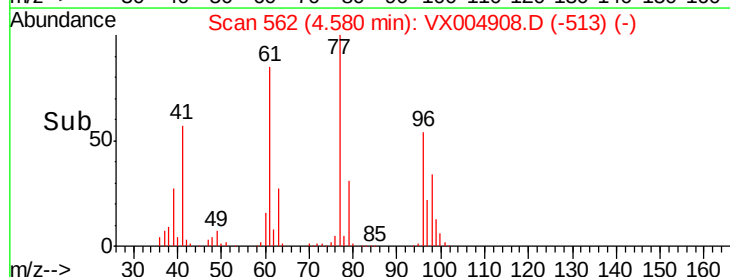
40000

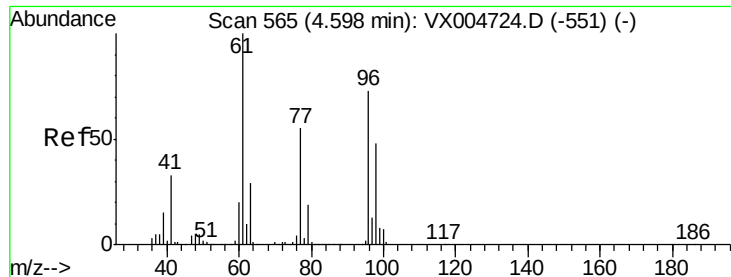
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

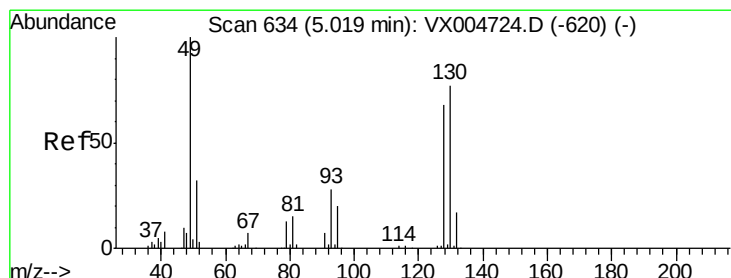
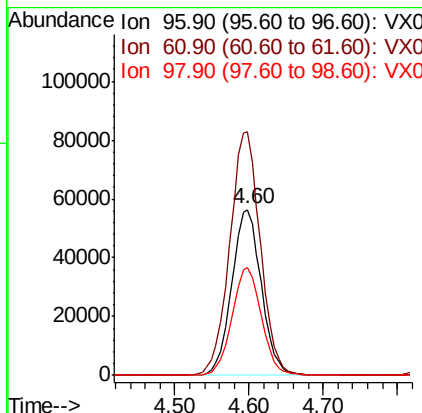
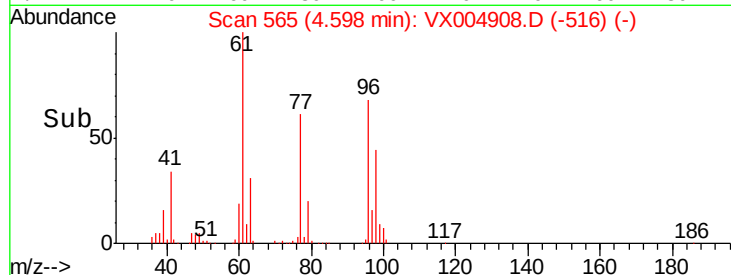
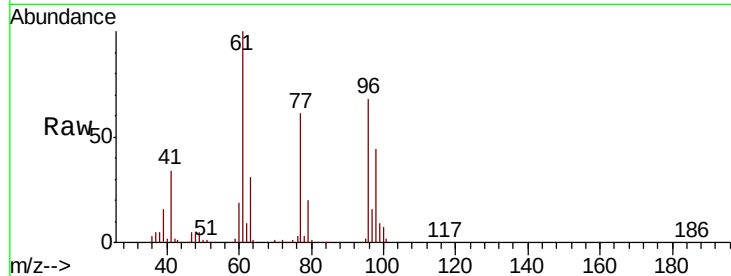
cis-1,2-Dichloroethene
Concen: 49.014 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	156948		
61	151.8	0.0	285.8	
98	64.8	0.0	136.2	

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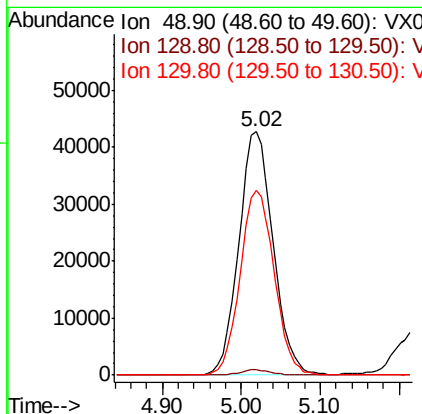
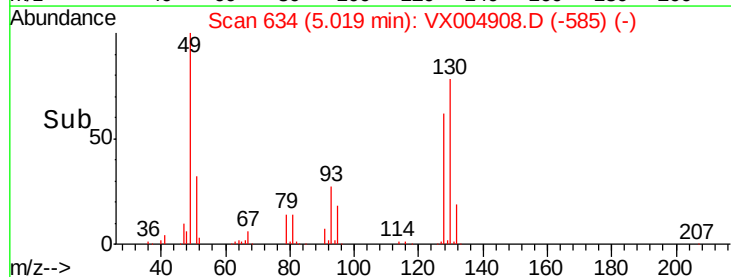
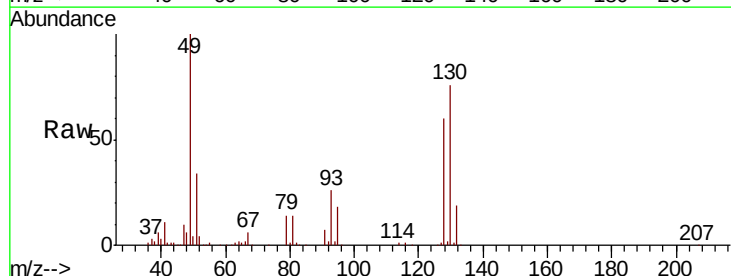
apatel
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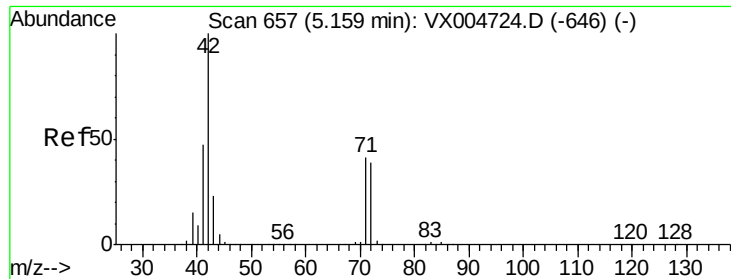


#28

Bromochloromethane
Concen: 47.919 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129501		
129	2.0	0.0	4.2	
130	75.5	62.0	93.0	





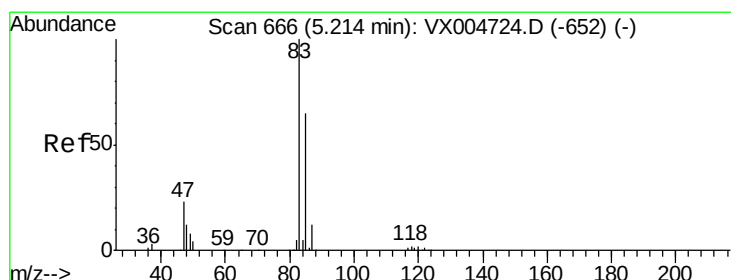
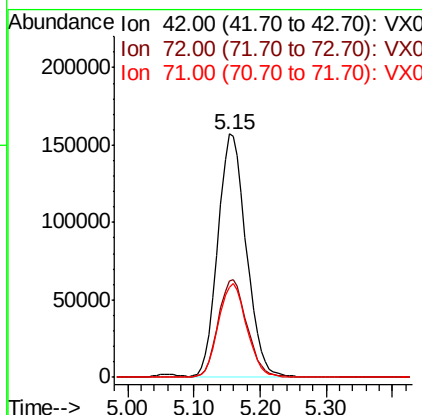
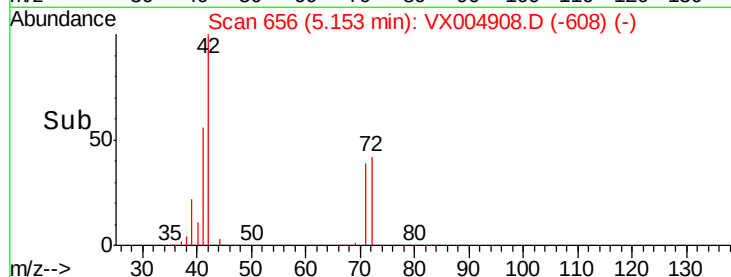
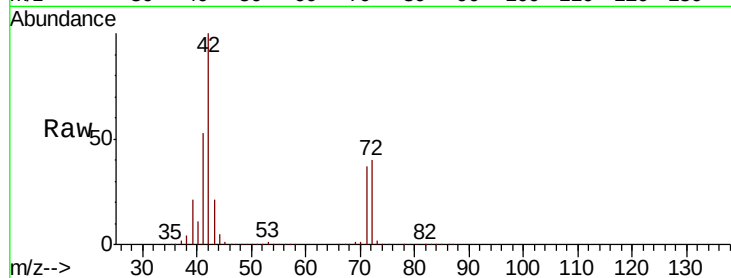
#29
Tetrahydrofuran
Concen: 253.628 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.7	50.5
71	38.5	32.2	48.4

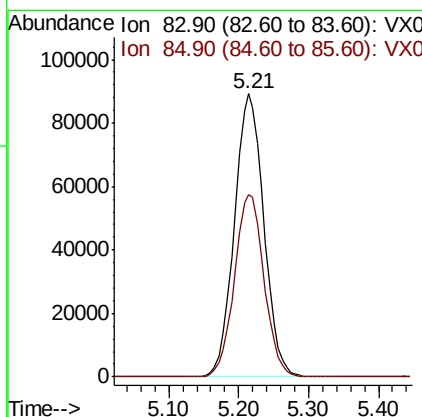
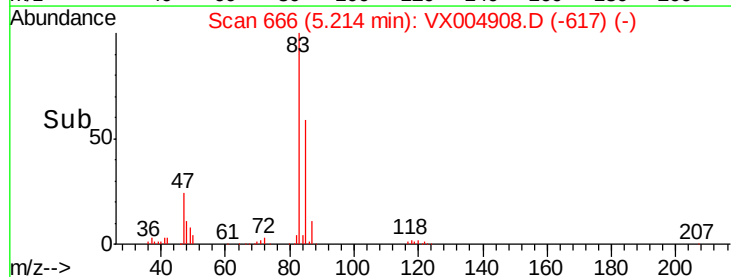
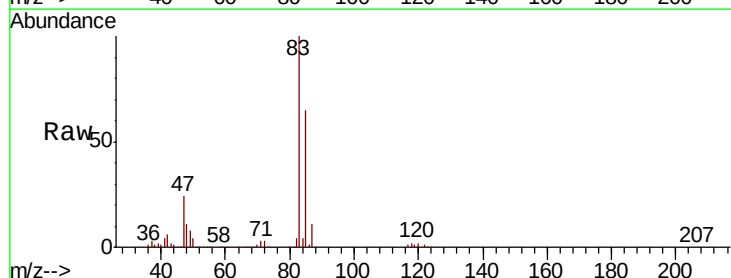
Manual Integrations
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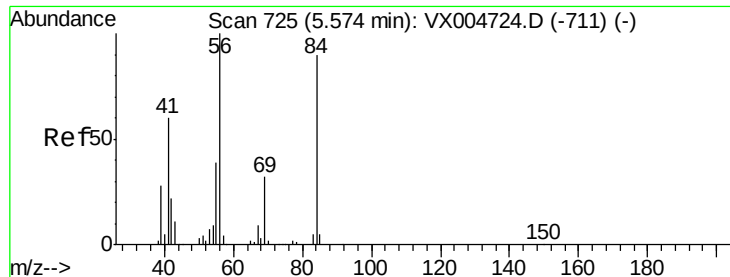
apatel
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#30
Chloroform
Concen: 47.950 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





#31

Cyclohexane

Concen: 54.924 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

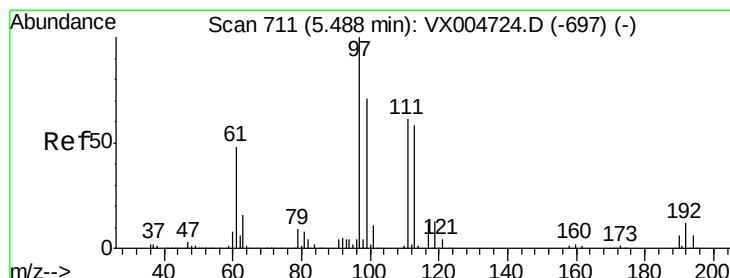
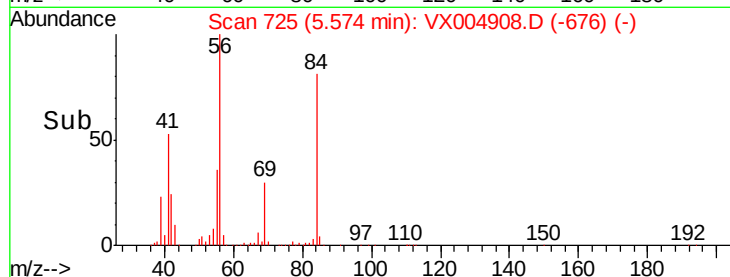
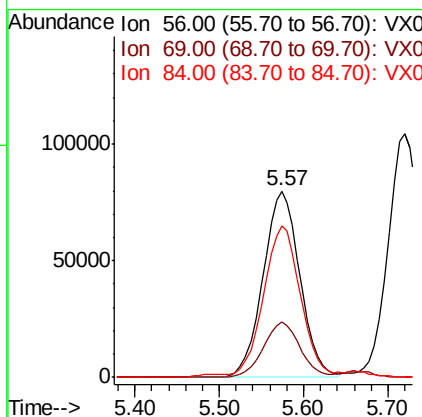
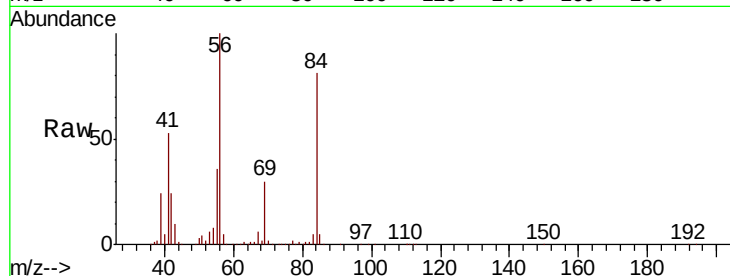
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	241244
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.9	38.9
84	80.7	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.627 ug/l

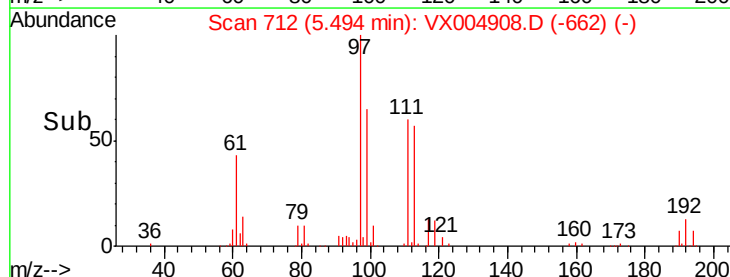
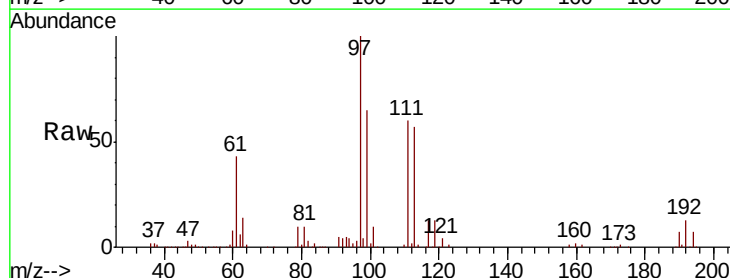
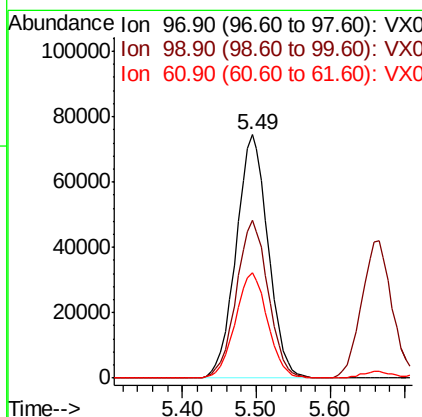
RT: 5.49 min Scan# 712

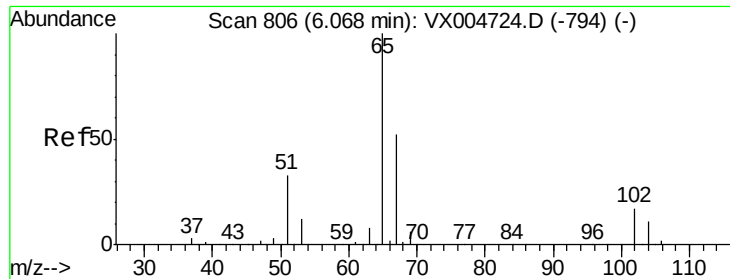
Delta R.T. 0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	97	Resp:	224250
Ion	Ratio	Lower	Upper
97	100		
99	64.7	54.6	82.0
61	43.7	37.5	56.3





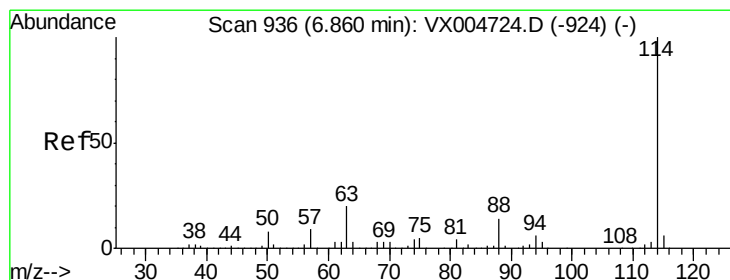
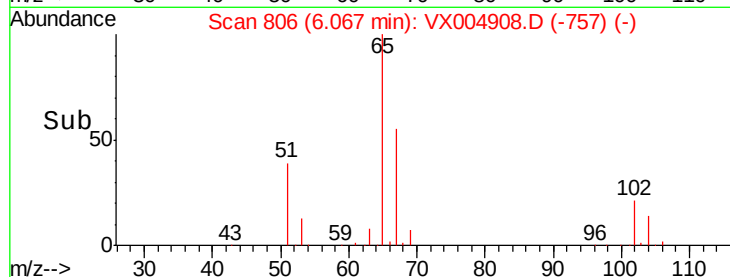
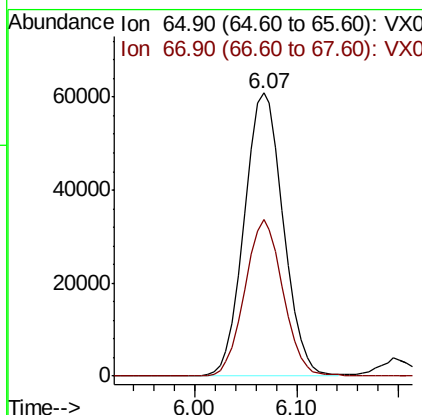
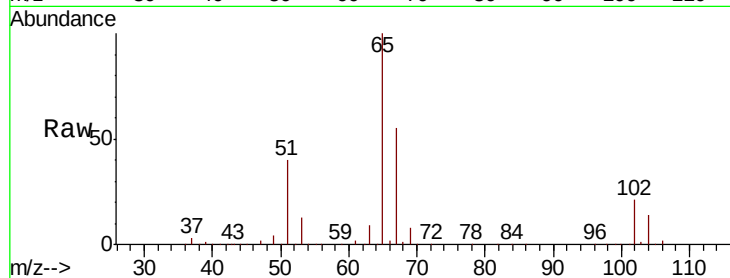
#33
 1,2-Dichloroethane-d4
 Concen: 46.901 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.4

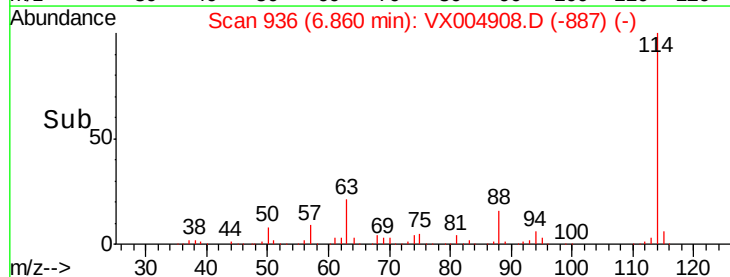
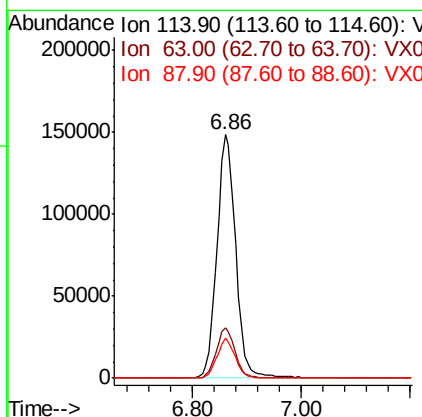
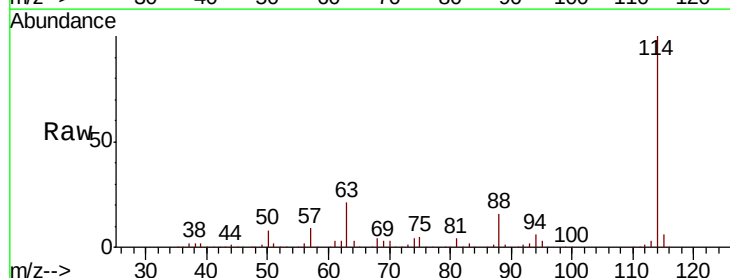
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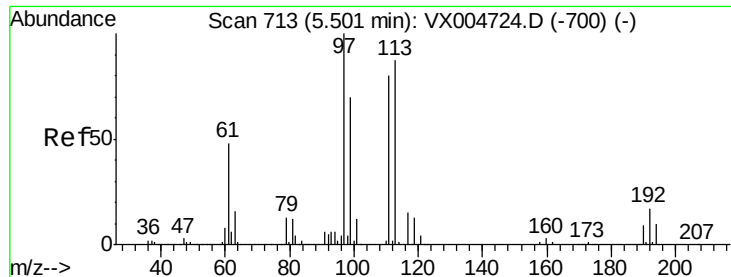
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.8
88	16.3	0.0	27.0





#35

Dibromofluoromethane

Concen: 43.808 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

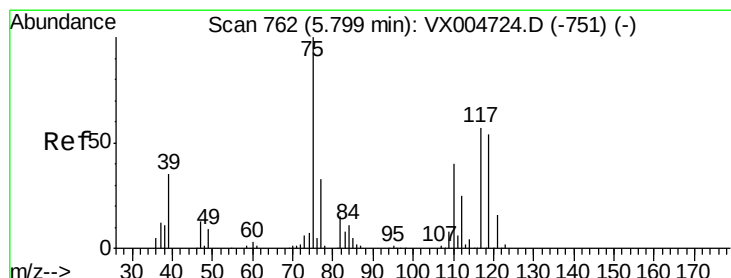
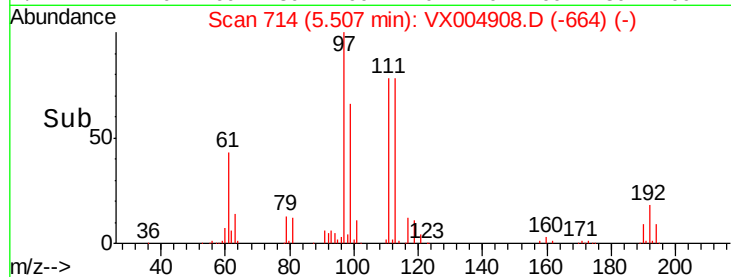
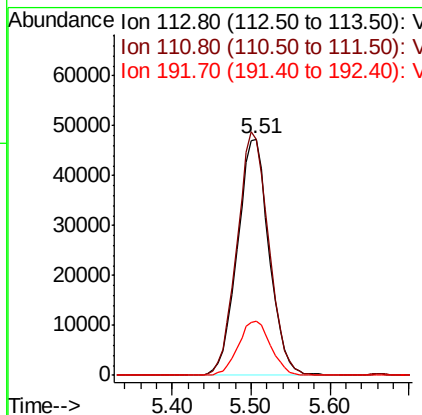
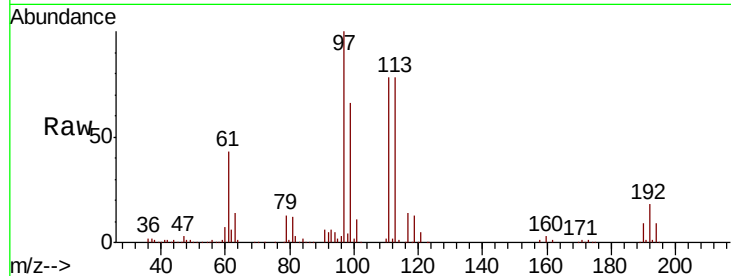
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	77.0	115.4
192	23.6	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.623 ug/l

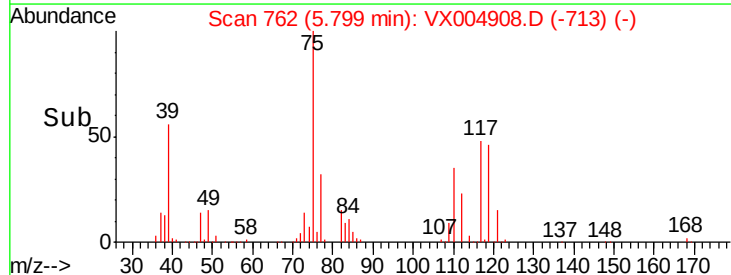
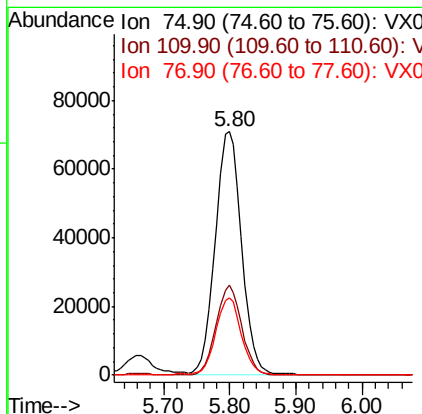
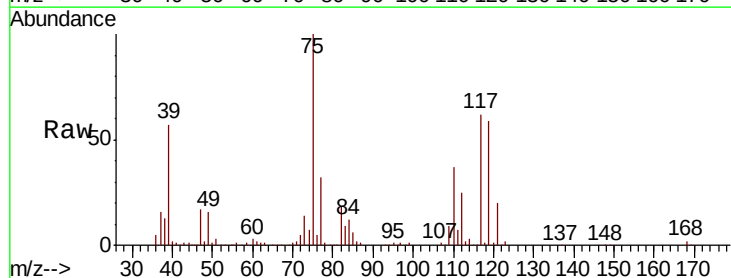
RT: 5.80 min Scan# 762

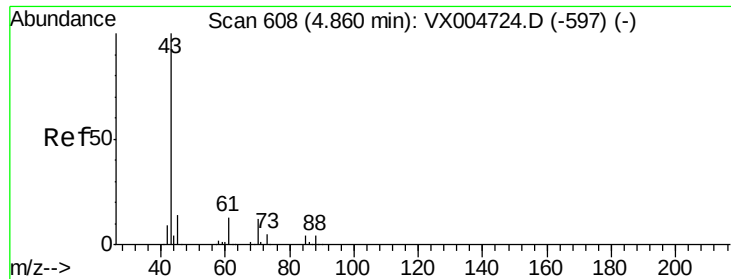
Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	20.0	59.9
77	30.5	27.1	40.7





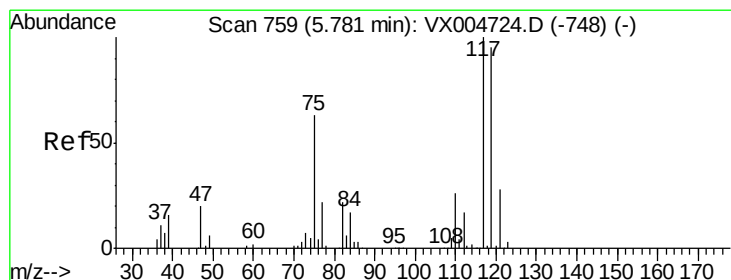
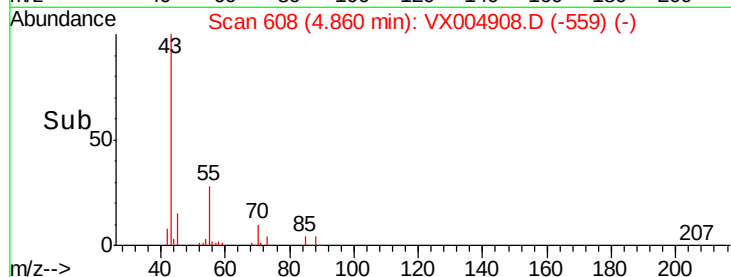
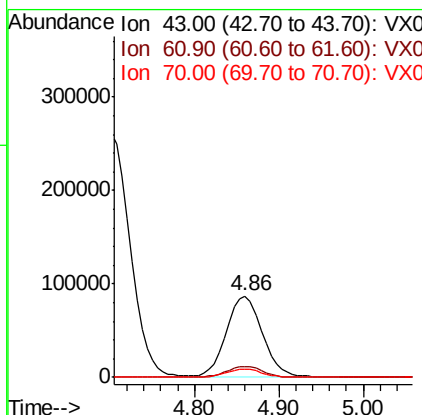
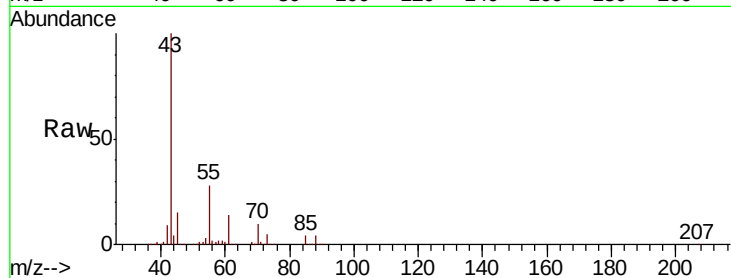
#37
Ethyl Acetate
Concen: 46.352 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.0	8.7	13.1

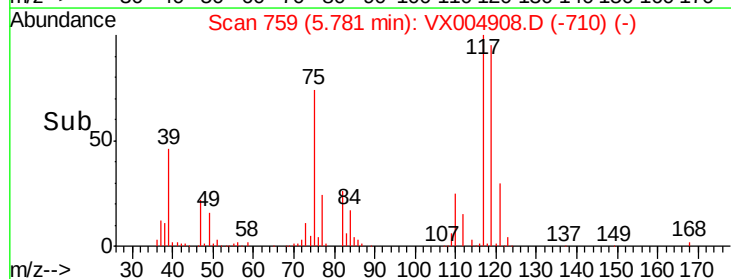
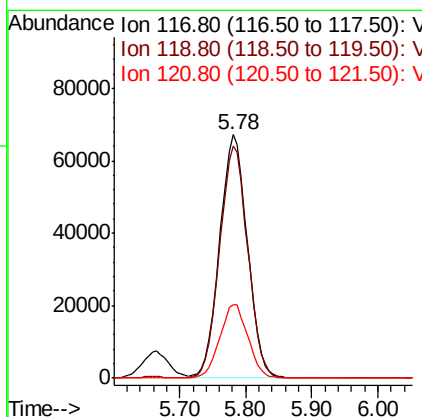
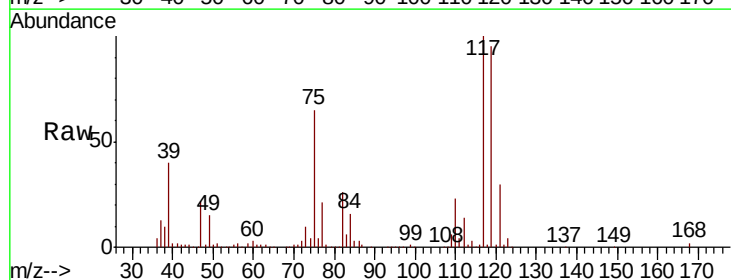
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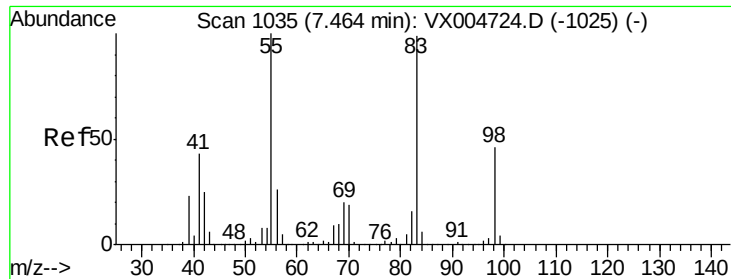
apatel
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#38
Carbon Tetrachloride
Concen: 45.260 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.2	112.8
121	30.0	22.5	33.7





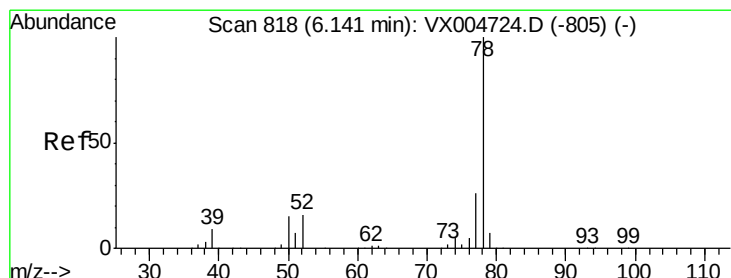
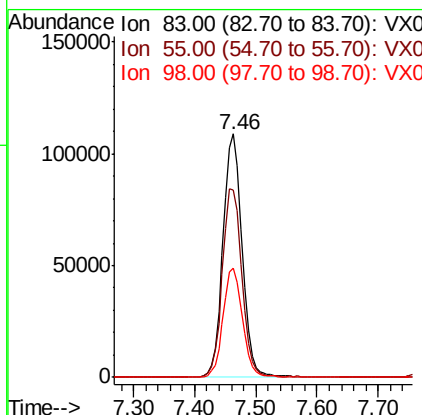
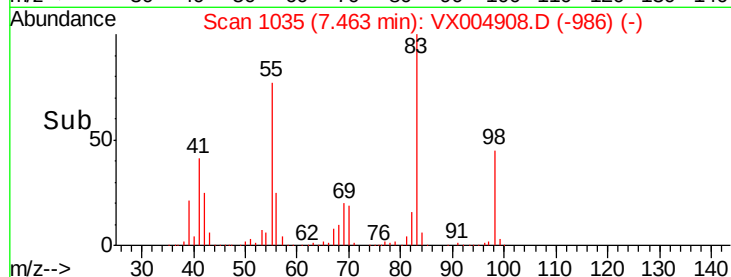
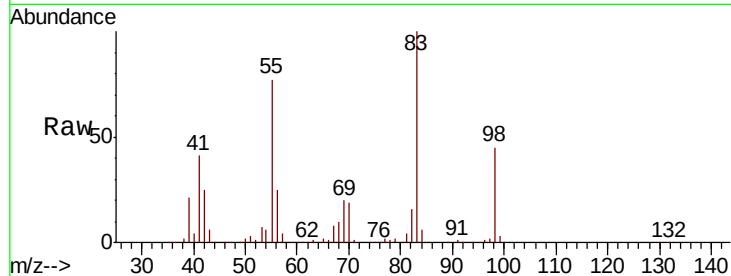
#39
Methylvlcyclohexane
Concen: 56.392 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.8	81.1	121.7#	
98	44.6	37.3	55.9	

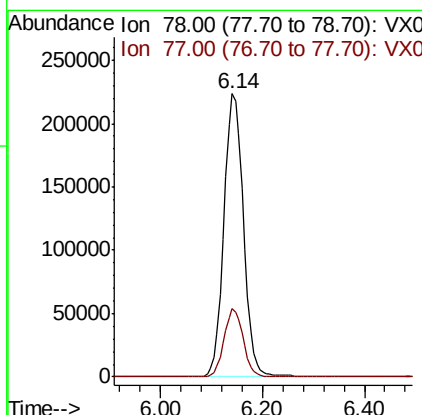
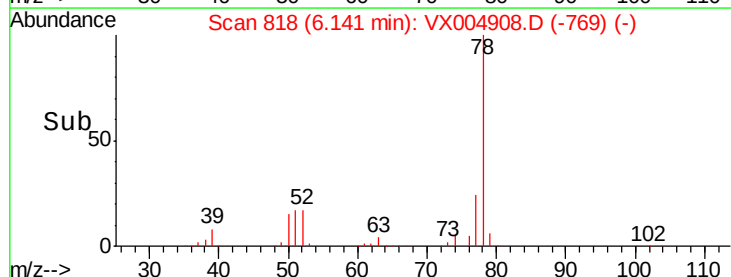
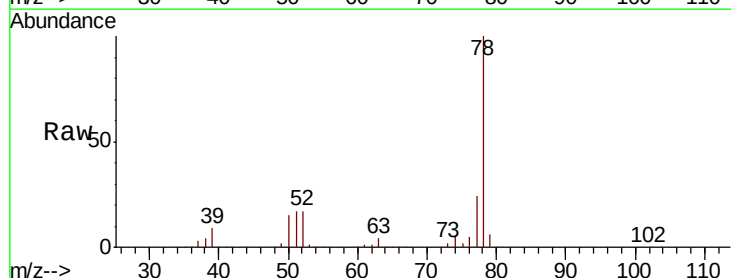
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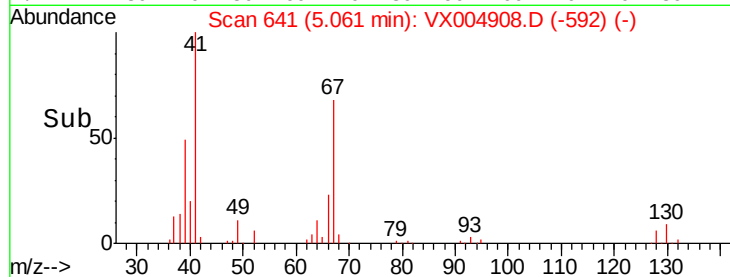
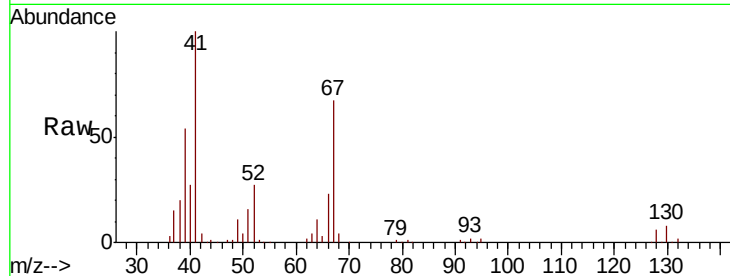
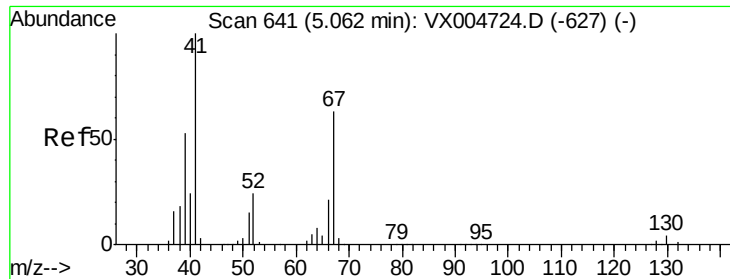
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#40
Benzene
Concen: 46.302 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3	21.0	31.4	





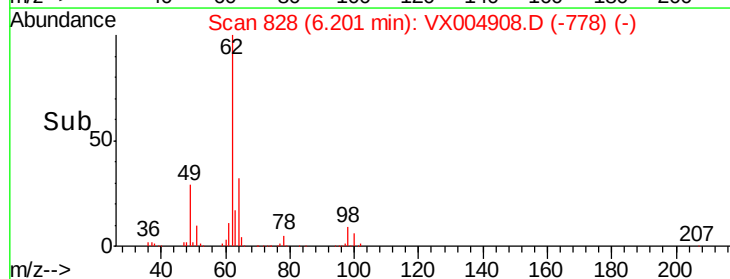
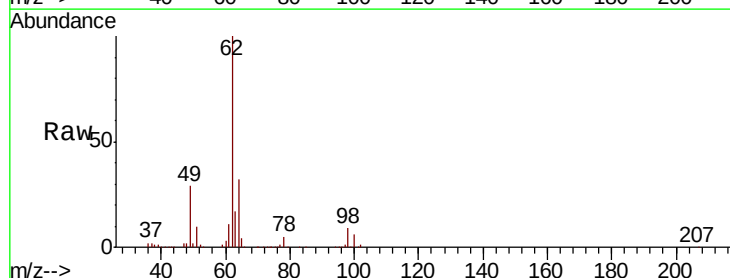
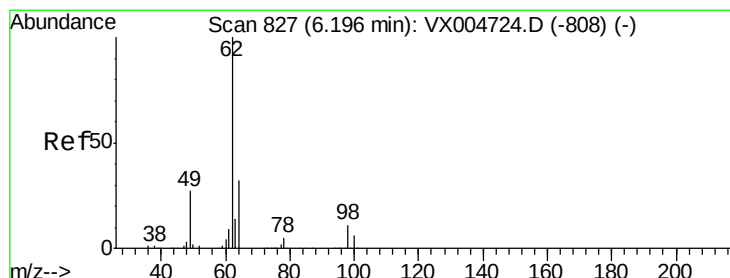
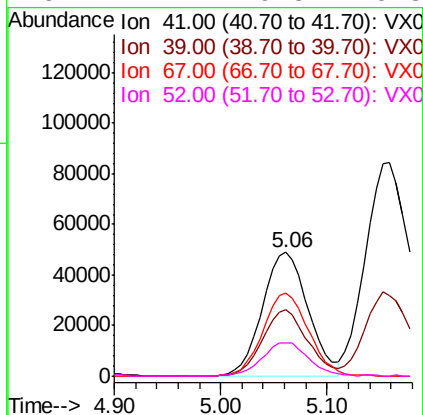
#41
Methacrylonitrile
Concen: 48.344 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.5	63.7	
67	67.3	53.0	79.6	
52	27.4	19.8	29.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

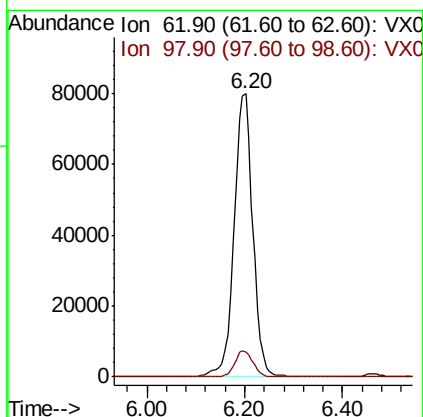
Manual Integrations
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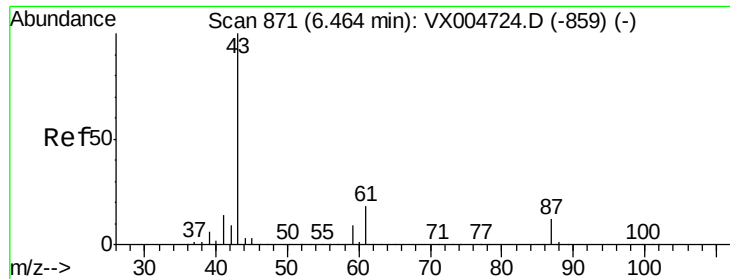
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#42
1,2-Dichloroethane
Concen: 46.525 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 49.702 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

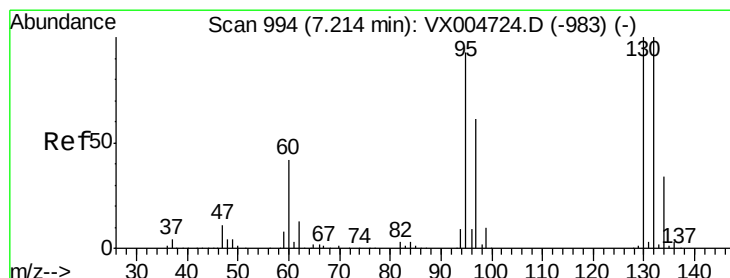
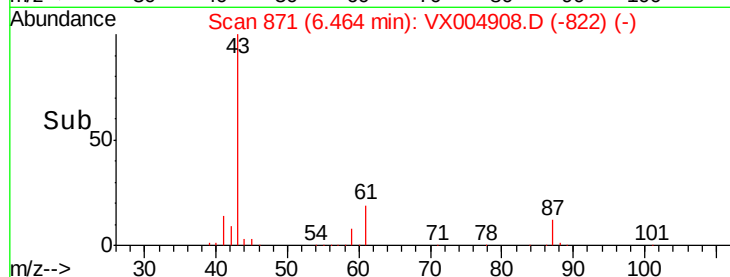
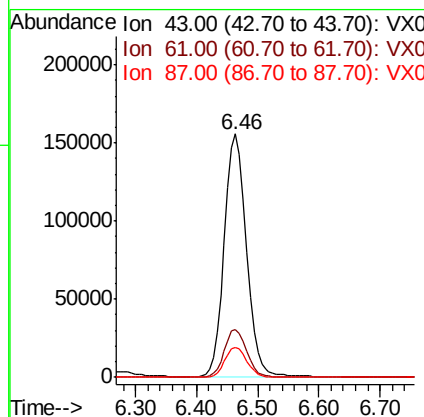
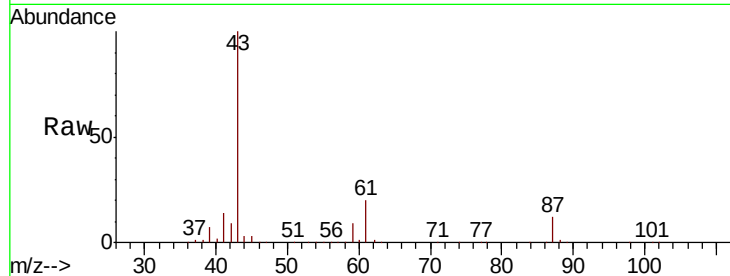
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	391540
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.2	21.4
87	12.4	9.3	13.9

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#44

Trichloroethene

Concen: 49.480 ug/l

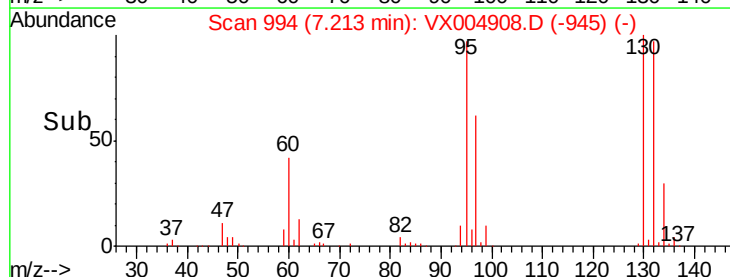
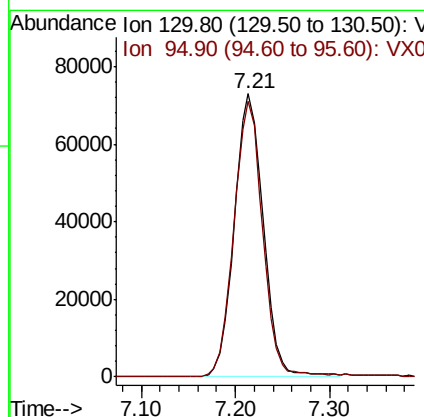
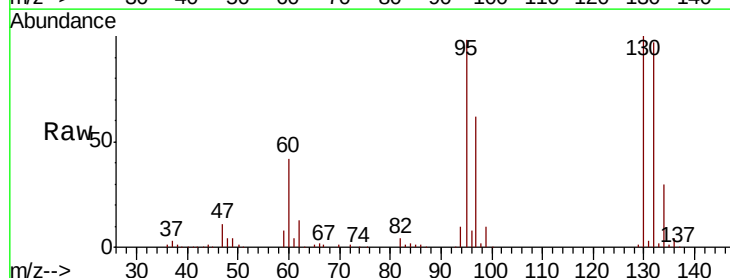
RT: 7.21 min Scan# 994

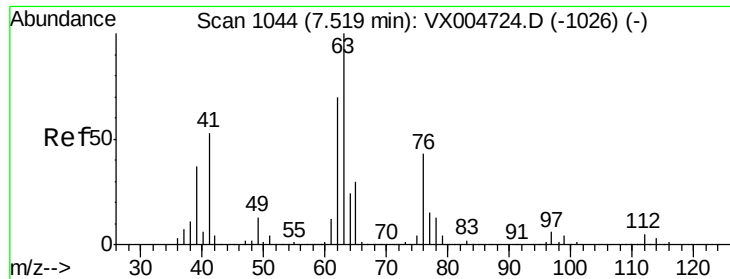
Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	130	Resp:	156580
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	186.8





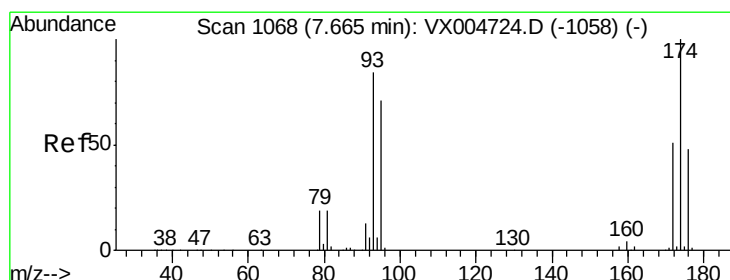
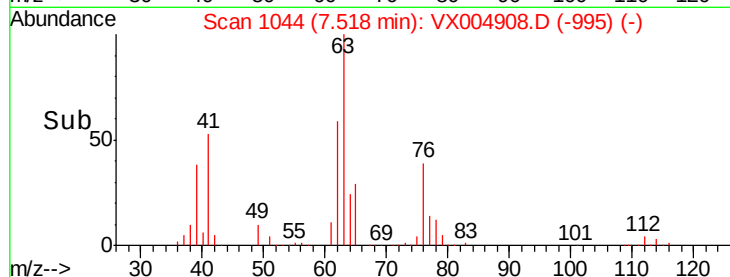
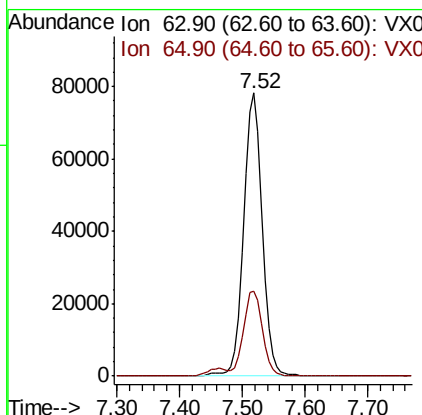
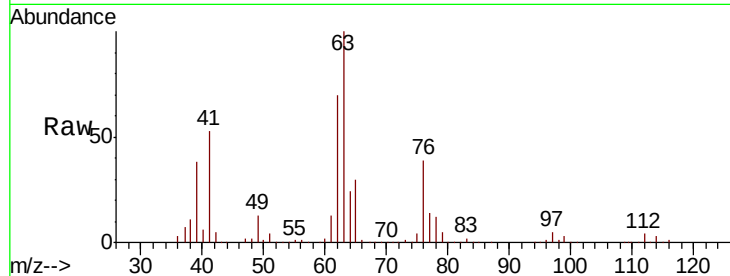
#45
 1,2-Dichloropropane
 Concen: 50.926 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 160763
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9

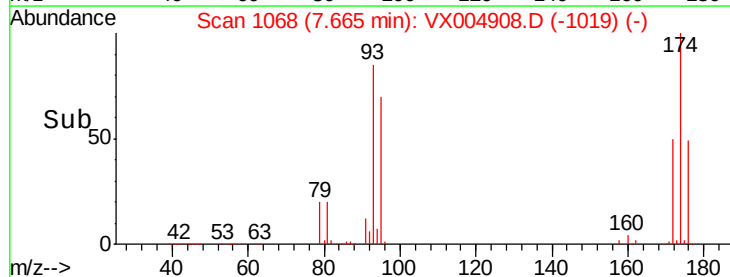
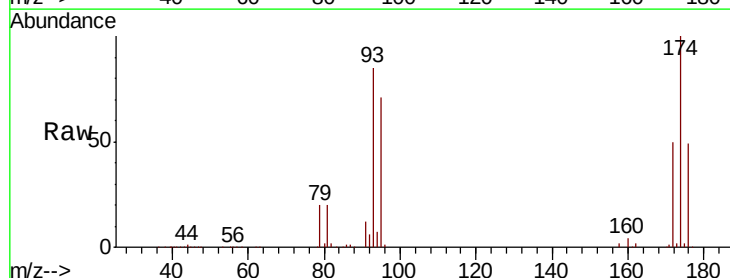
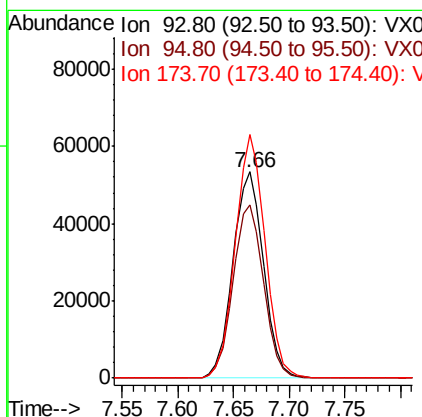
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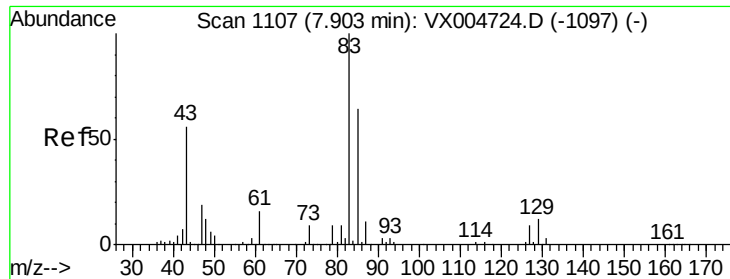
apatel
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#46
 Dibromomethane
 Concen: 51.195 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion: 93 Resp: 101566
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 115.1 92.7 139.1





#47

Bromodichloromethane

Concen: 52.725 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

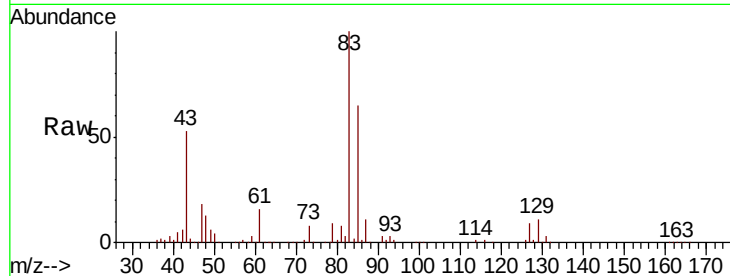
ClientSampleId :

VSTDCCC050EC

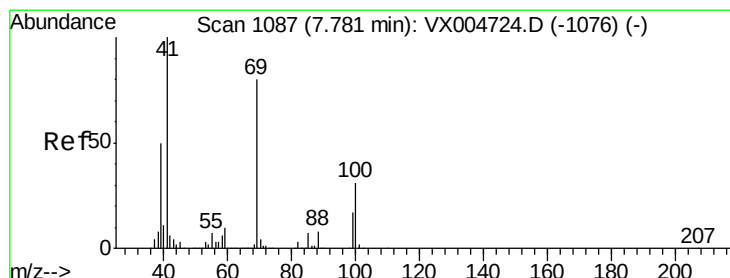
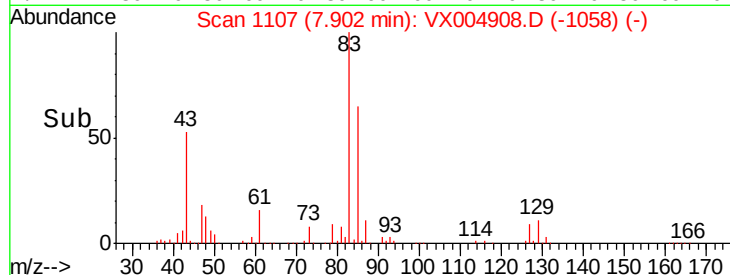
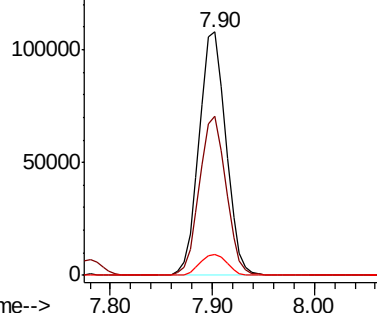
Tot Ion:	83	Resp:	195844
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.2	76.8
127	8.7	7.0	10.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.068 ug/l

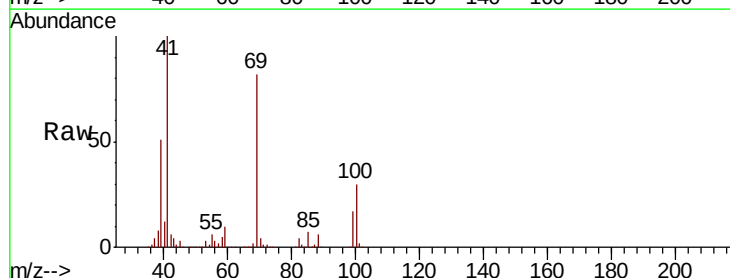
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

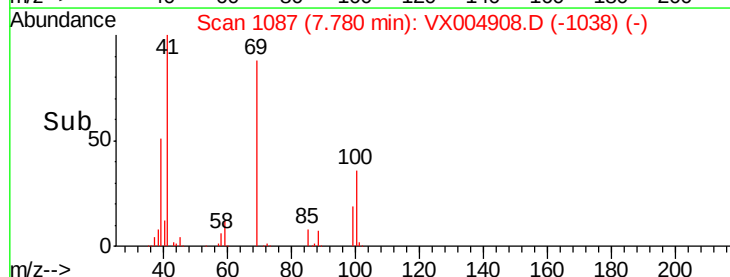
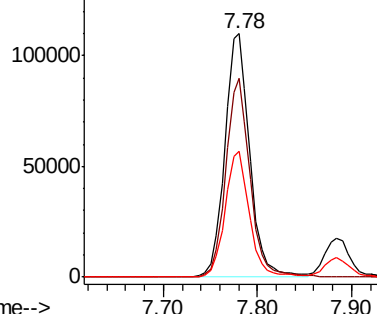
Lab File: VX004908.D

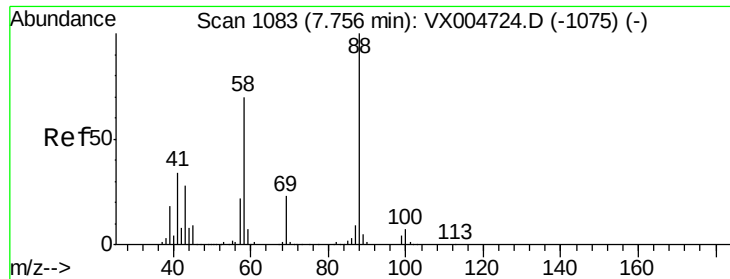
Acq: 02 Oct 2018 08:51

Tgt Ion:	41	Resp:	204054
Ion Ratio	Lower	Upper	
41	100		
69	80.1	63.8	95.6
39	50.7	40.7	61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





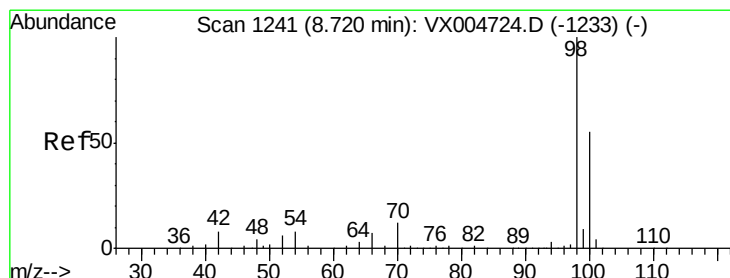
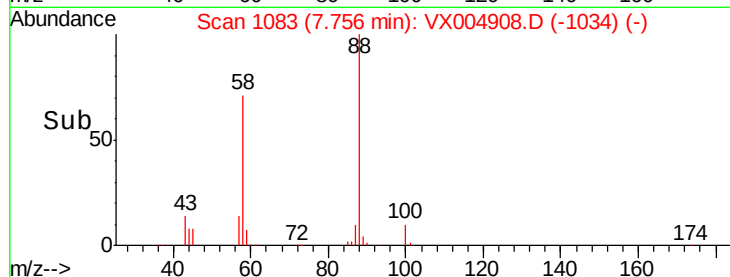
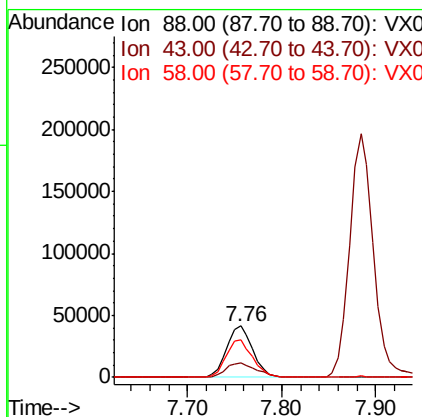
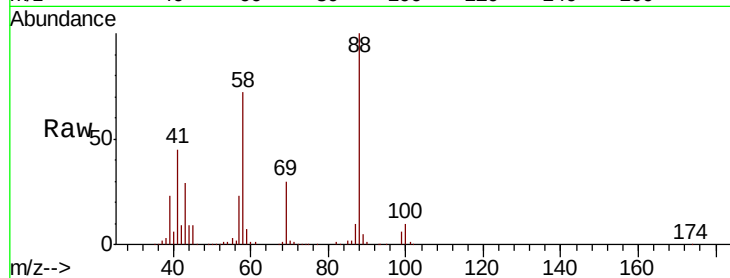
#49
1,4-Dioxane
Concen: 904.486 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.1	37.7
58	74.1	56.2	84.2

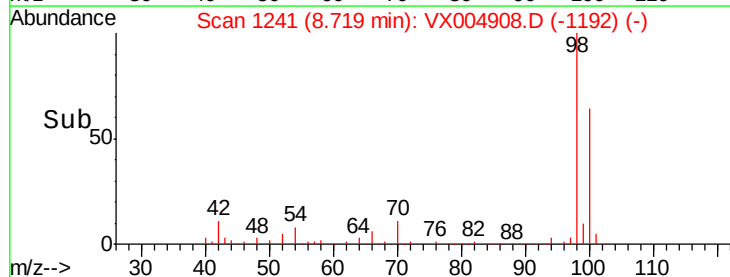
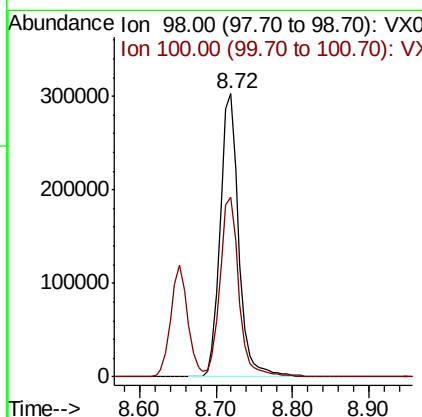
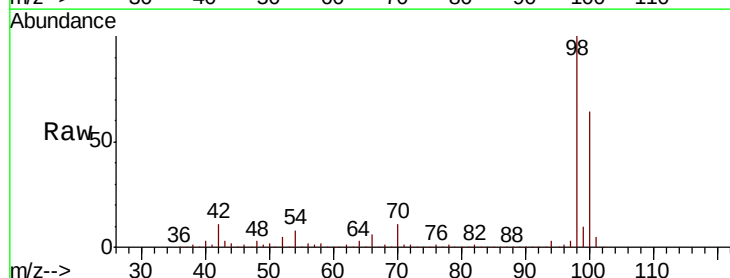
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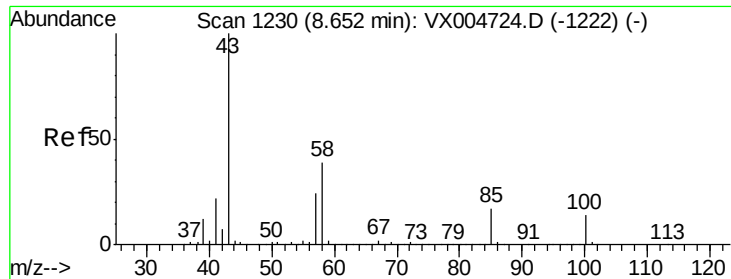
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#50
Toluene-d8
Concen: 50.530 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9





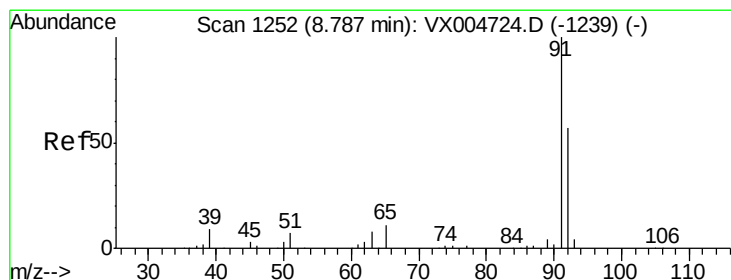
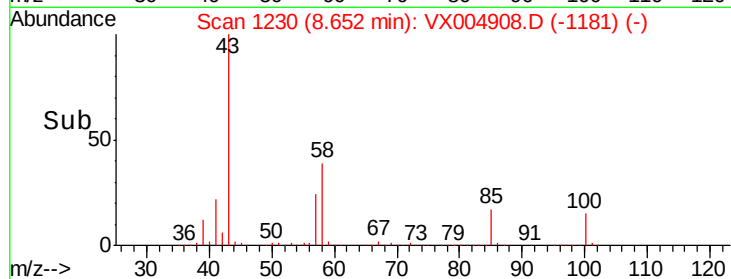
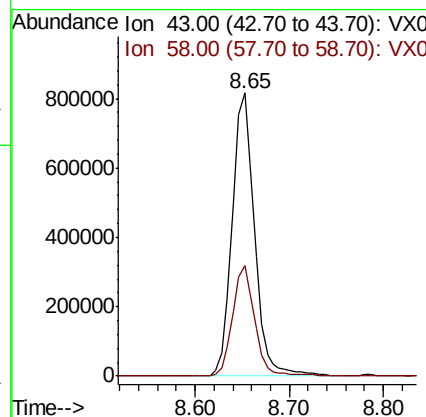
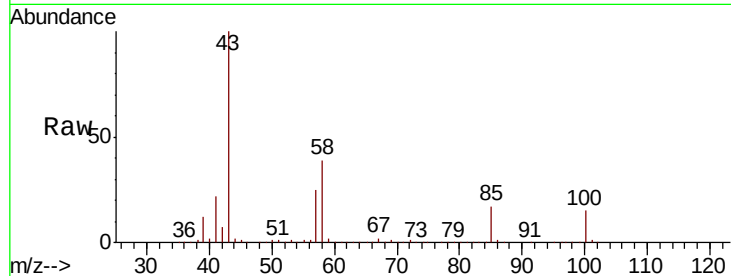
#51
4-Methyl-2-Pentanone
Concen: 272.439 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1351348
Ion Ratio Lower Upper
43 100
58 38.8 30.5 45.7

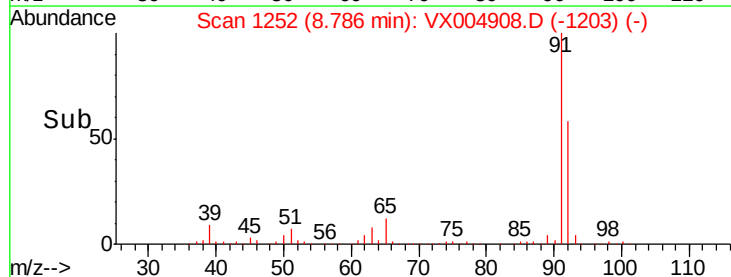
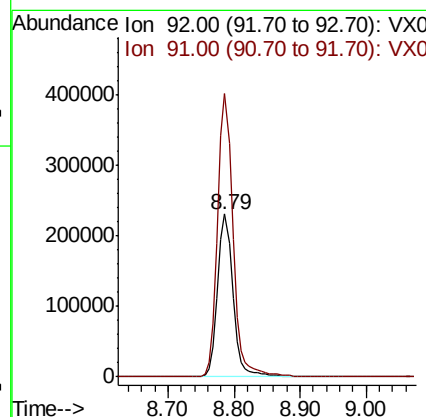
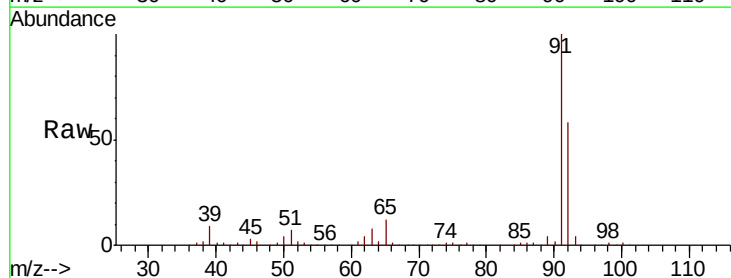
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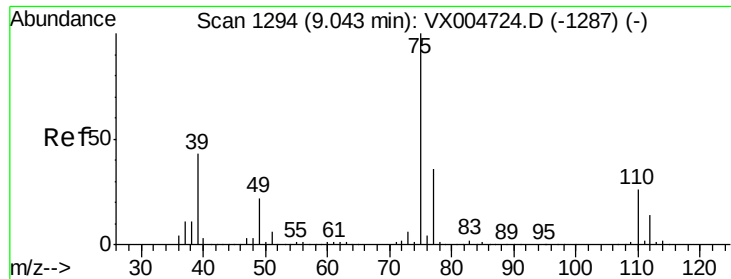
apatel
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#52
Toluene
Concen: 52.824 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion: 92 Resp: 373644
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1





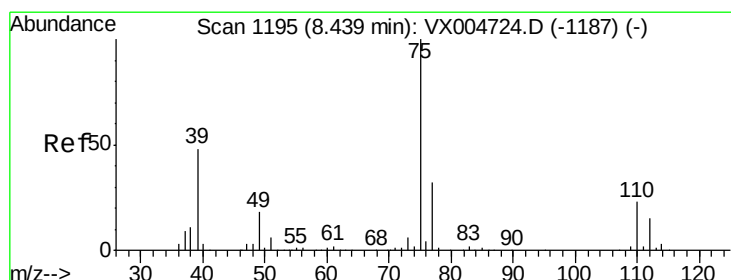
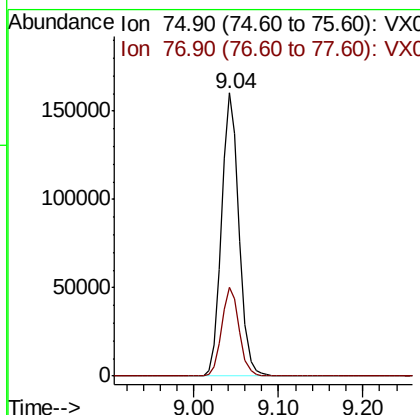
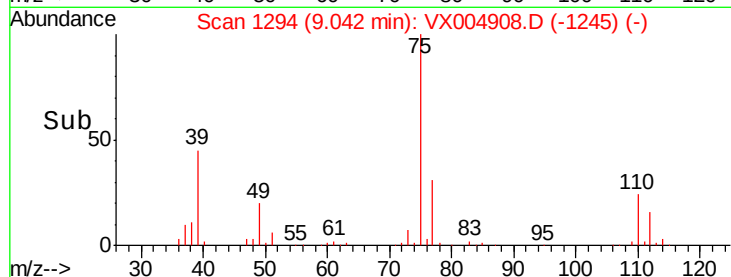
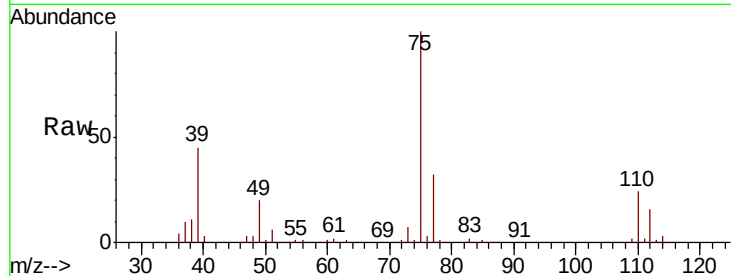
#53
t-1,3-Dichloropropene
Concen: 54.522 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 228853
Ion Ratio Lower Upper
75 100
77 31.5 28.9 43.3

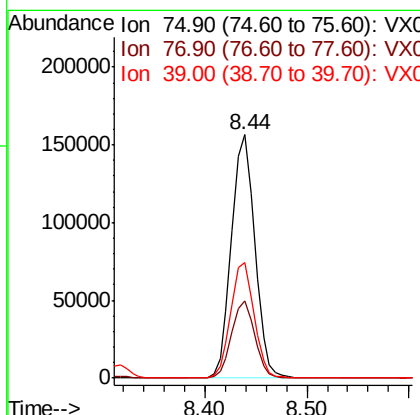
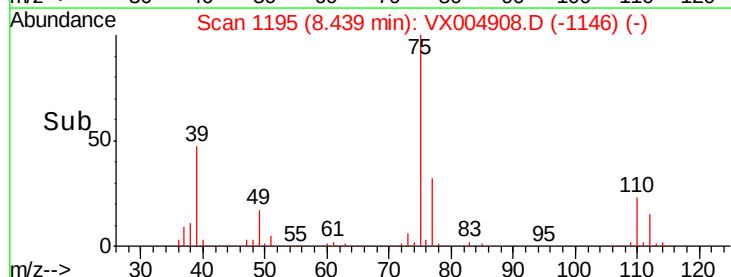
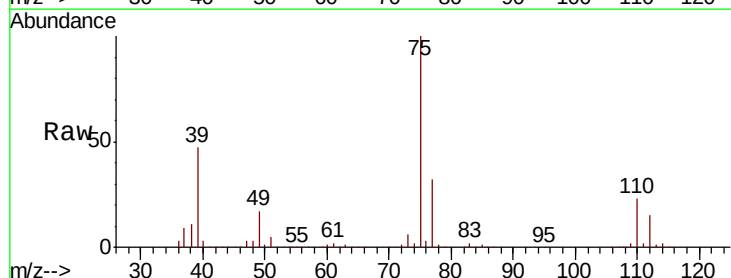
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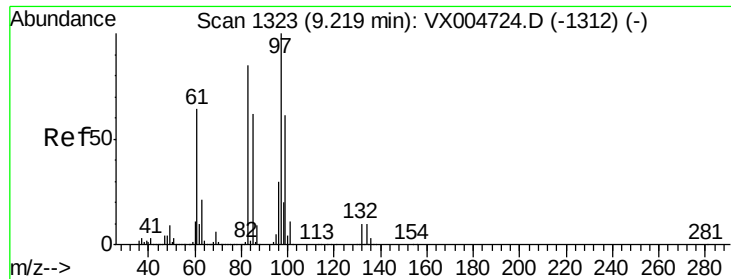
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#54
cis-1,3-Dichloropropene
Concen: 56.425 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion: 75 Resp: 248072
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 47.4 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 49.760 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

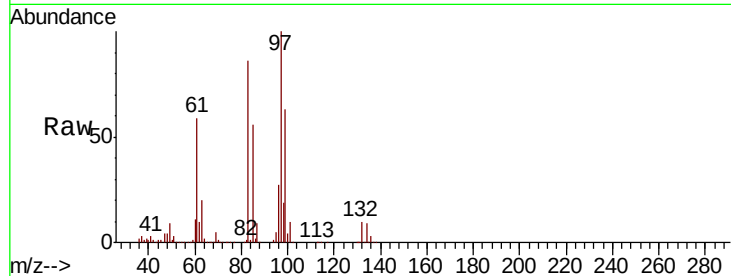
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	154174
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.2
85	56.0	49.9	74.9
99	63.0	48.9	73.3

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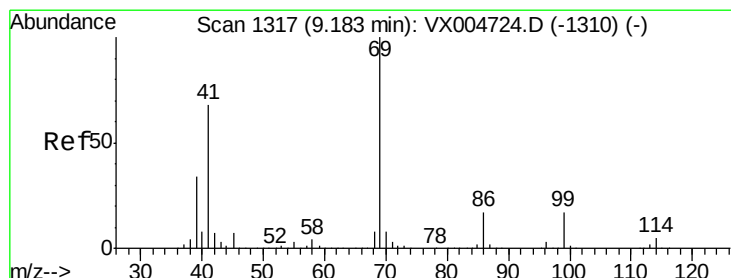
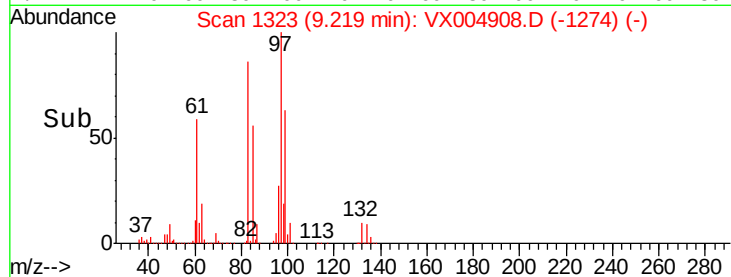
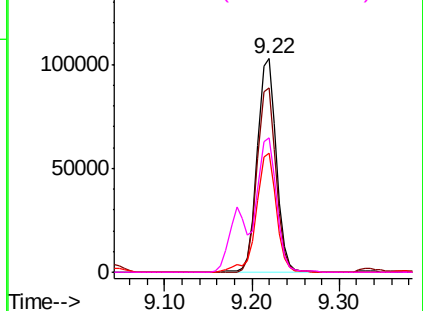
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.087 ug/l

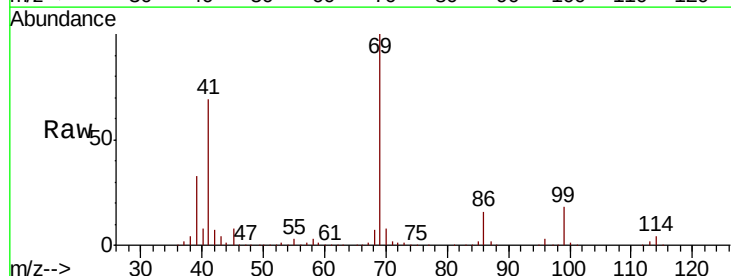
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	69	Resp:	251855
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	32.7	28.4	42.6

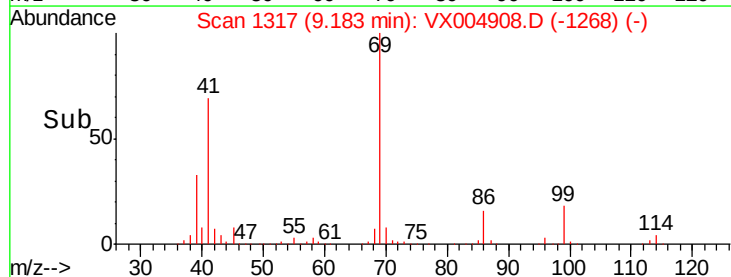
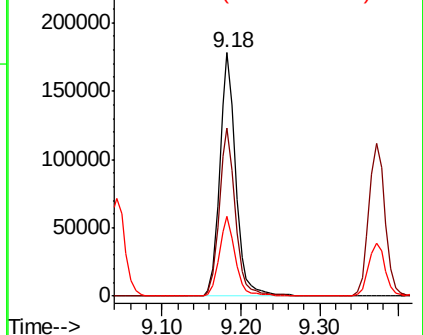


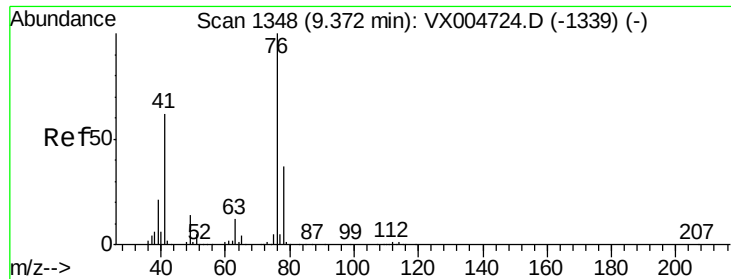
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





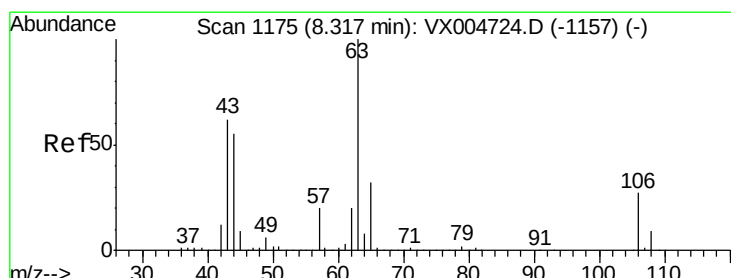
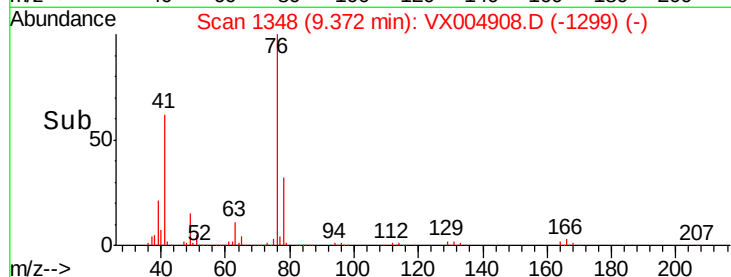
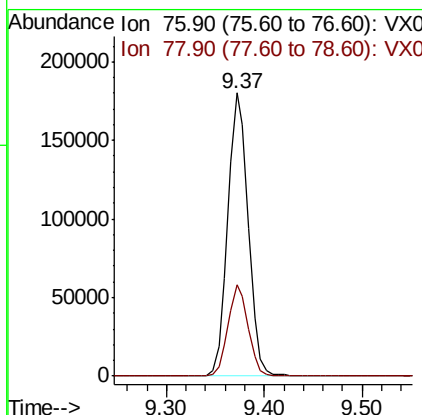
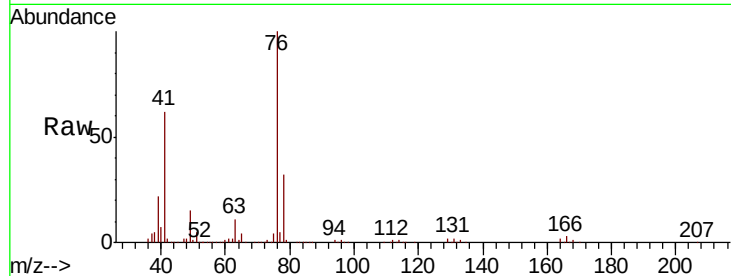
#57
 1,3-Dichloropropane
 Concen: 50.456 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.6	40.0

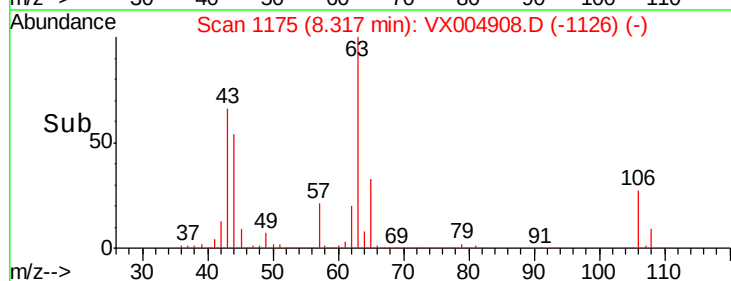
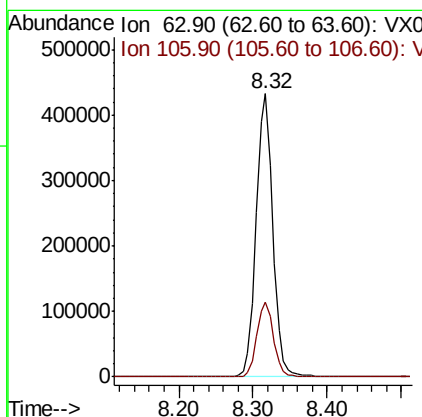
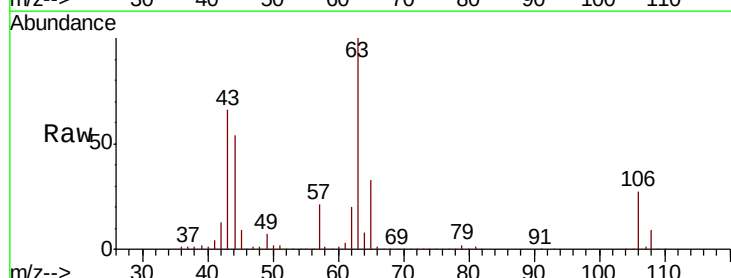
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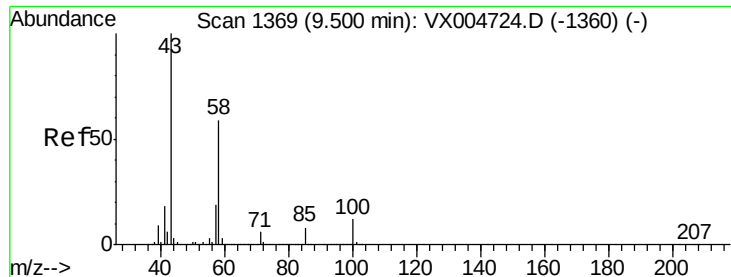
apatel
 10/5/2018 11:55:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.140 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.0	31.6





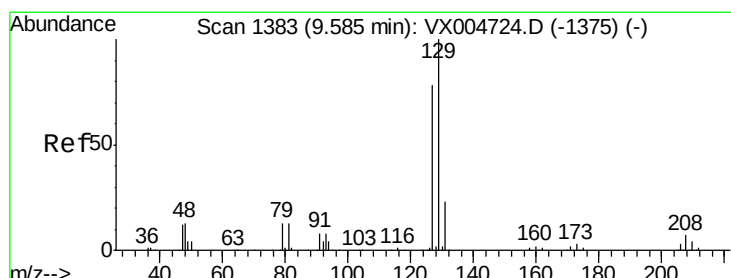
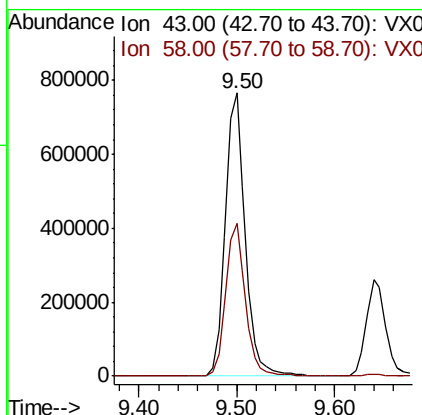
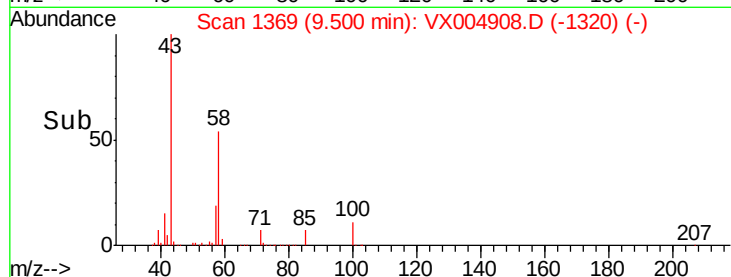
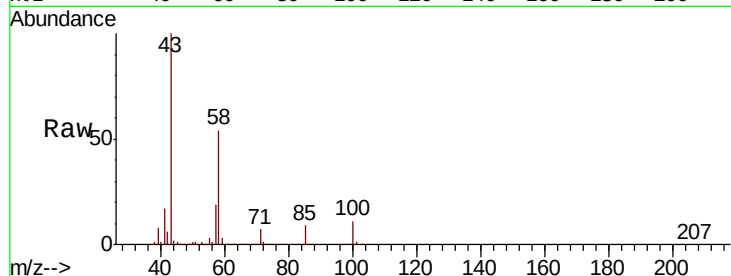
#59
2-Hexanone
Concen: 260.453 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1076562
Ion Ratio Lower Upper
43 100
58 53.7 28.4 85.3

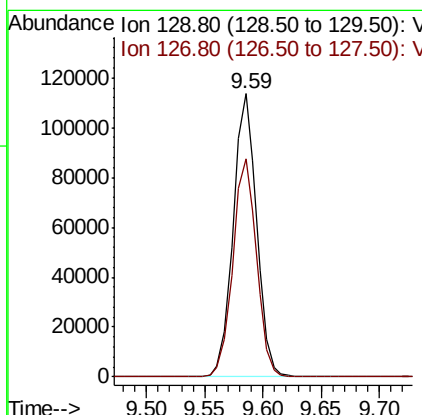
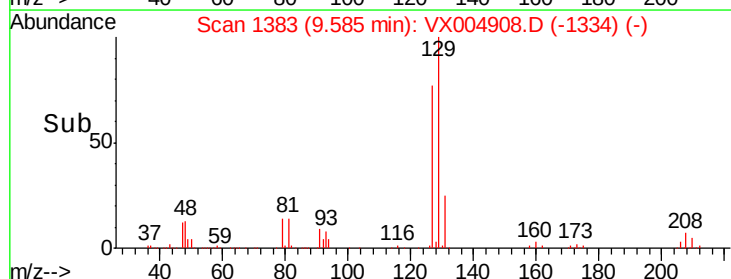
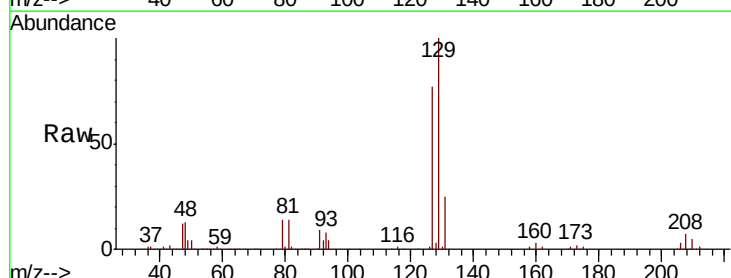
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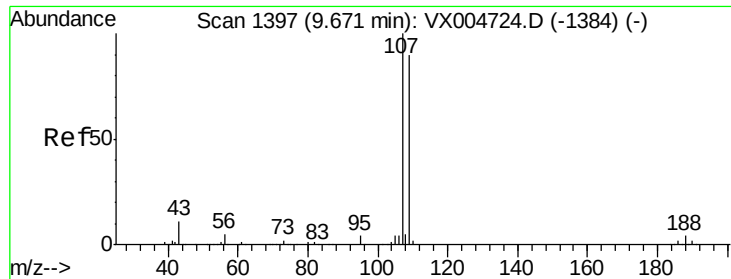
apatel
10/5/2018 11:55:57 AM



#60
Dibromochloromethane
Concen: 51.465 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion: 129 Resp: 159468
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.800 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 158609

Ion Ratio Lower Upper

107 100

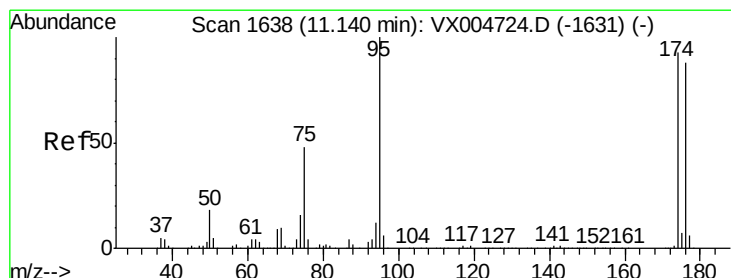
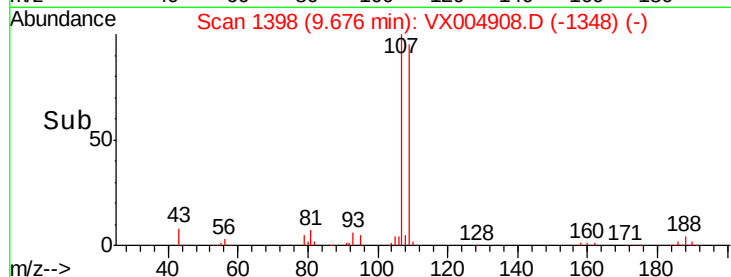
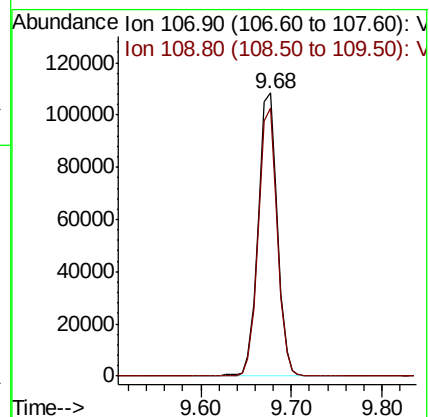
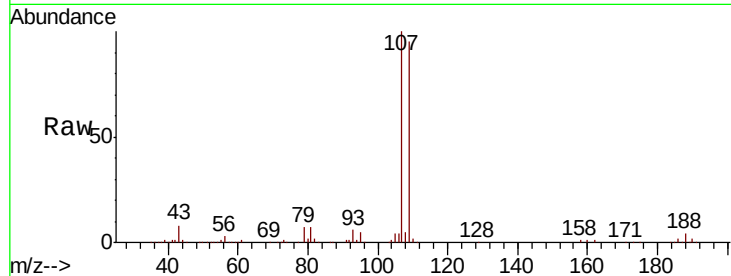
109 94.4 72.1 108.1

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#62

4-Bromofluorobenzene

Concen: 52.550 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

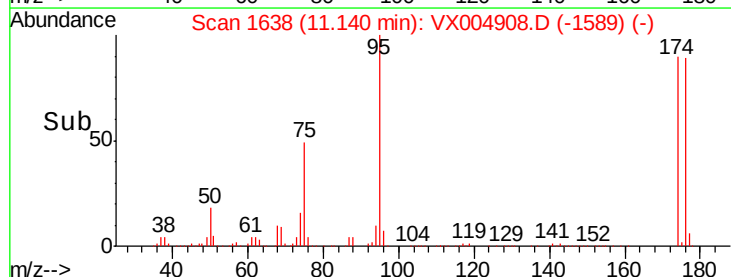
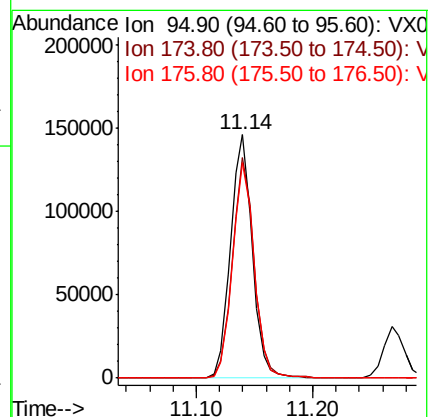
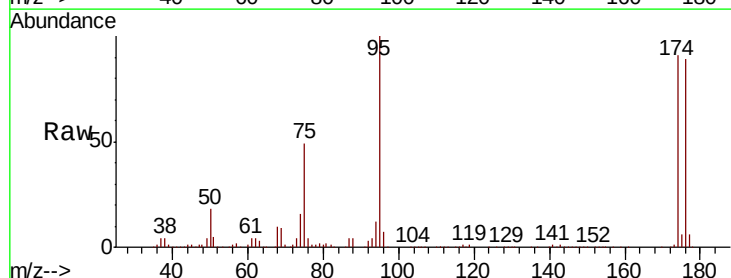
Tgt Ion: 95 Resp: 189673

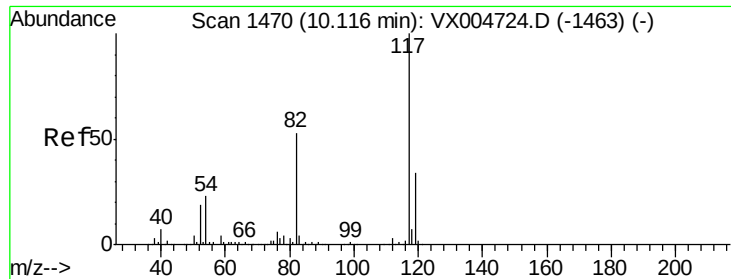
Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.0

176 88.5 0.0 180.2





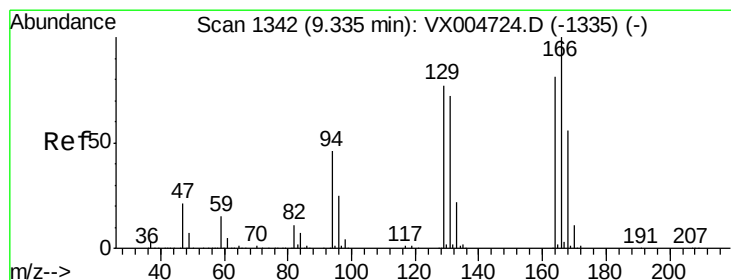
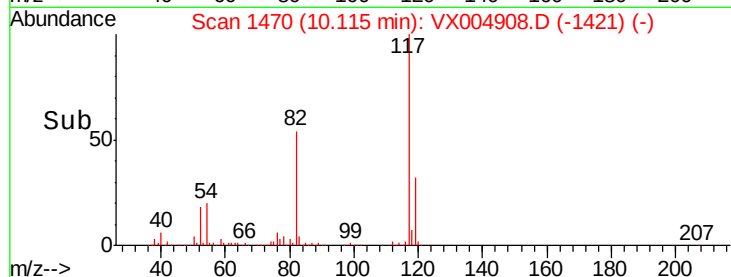
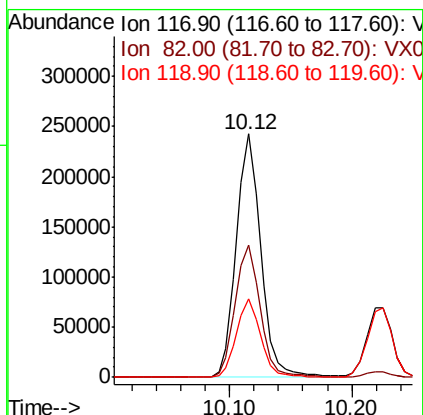
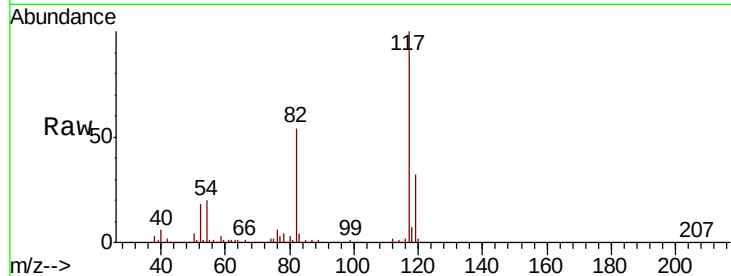
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	32.4	27.4	41.0

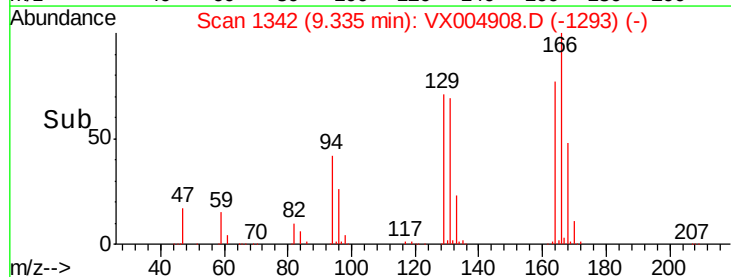
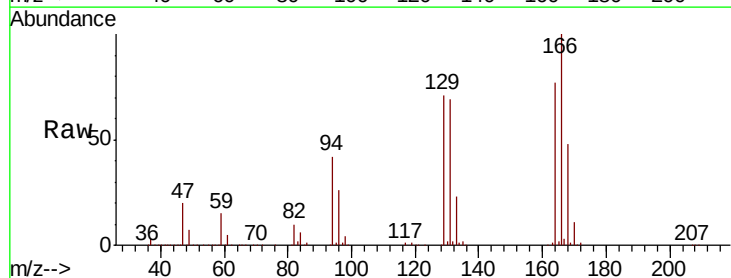
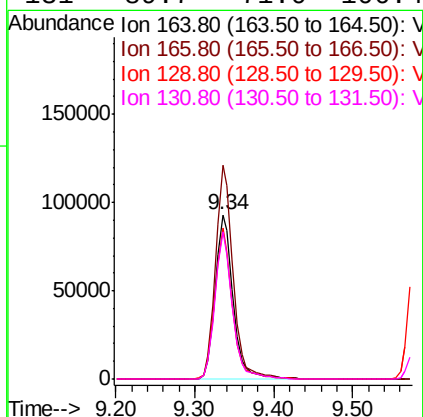
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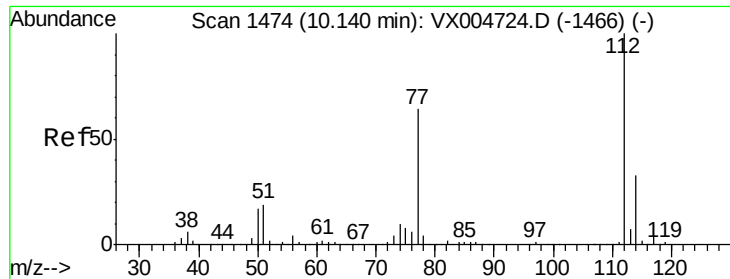
apatel
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#64
Tetrachloroethene
Concen: 44.254 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	98.4	147.6
129	92.1	76.1	114.1
131	89.7	71.0	106.4





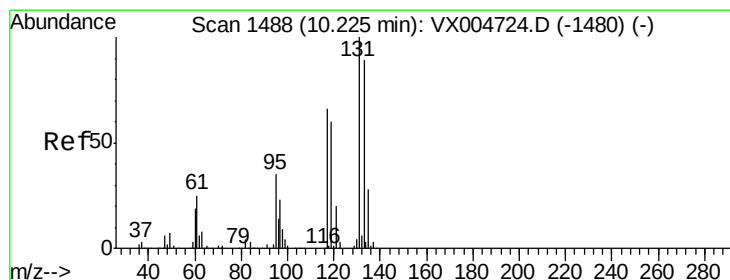
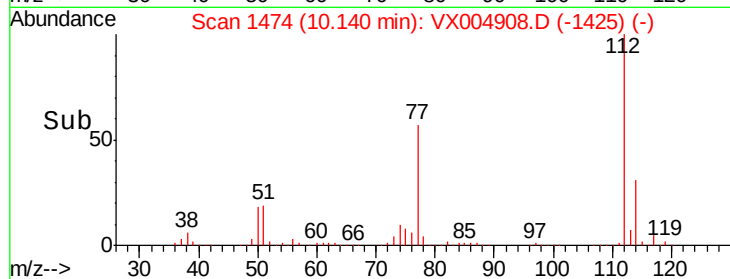
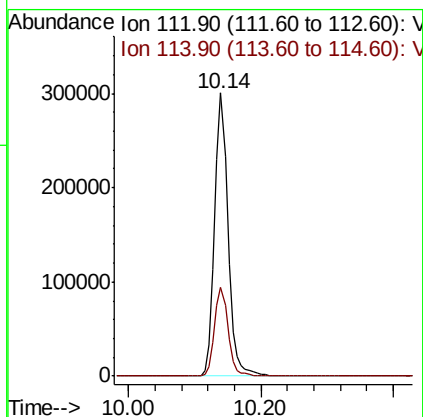
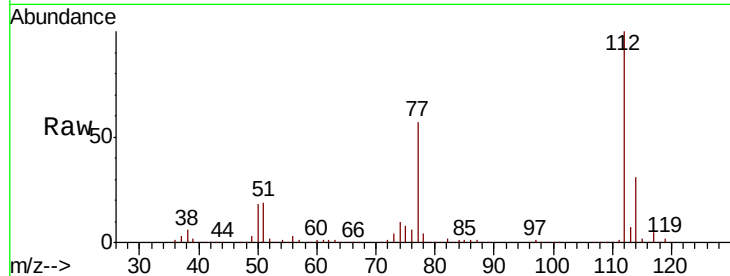
#65
Chlorobenzene
Concen: 48.358 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 418001
Ion Ratio Lower Upper
112 100
114 31.3 26.7 40.1

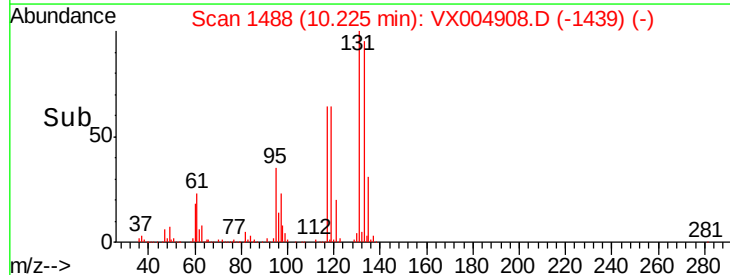
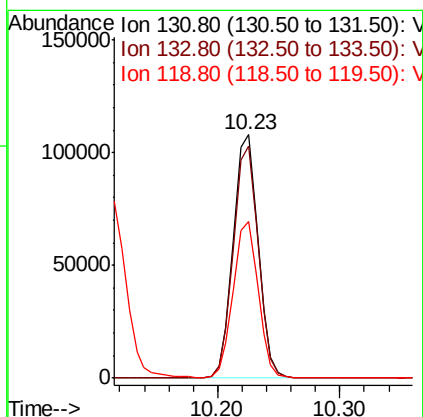
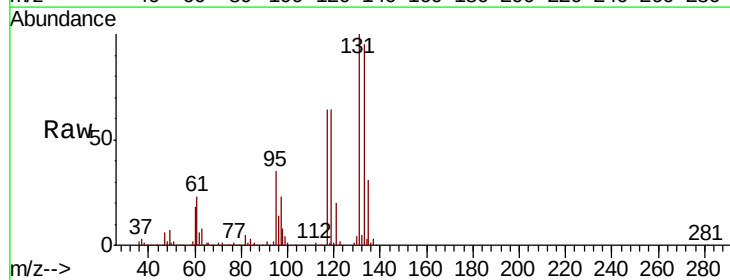
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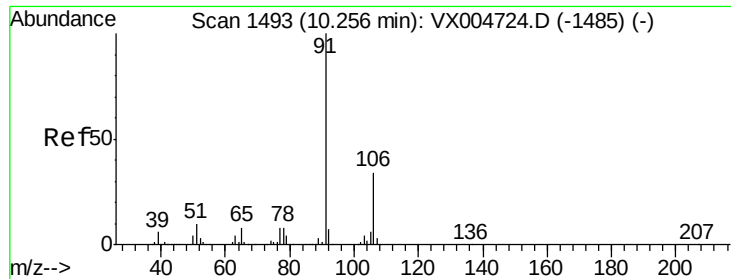
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.894 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion:131 Resp: 151620
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 64.6 32.3 96.8





#67

Ethyl Benzene

Concen: 51.994 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 713526

Ion Ratio Lower Upper

91 100

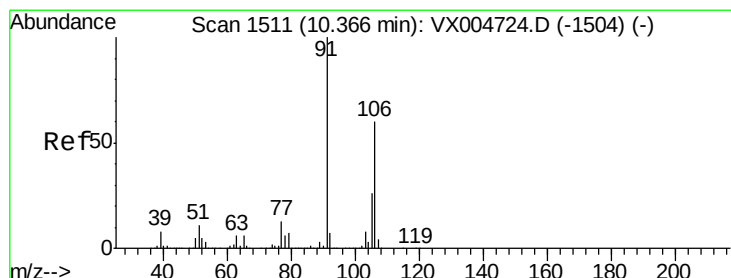
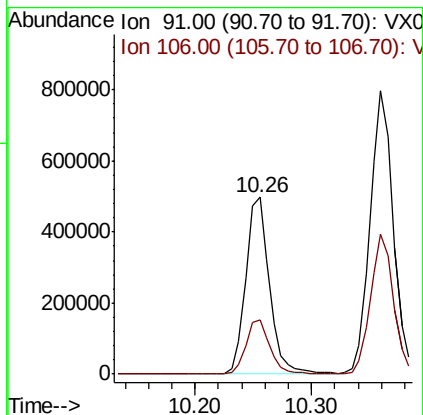
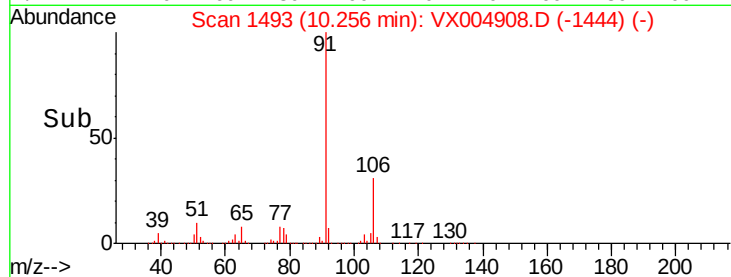
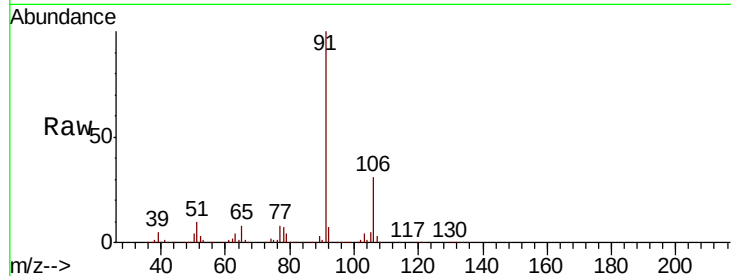
106 30.9 26.9 40.3

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#68

m/p-Xylenes

Concen: 103.161 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004908.D

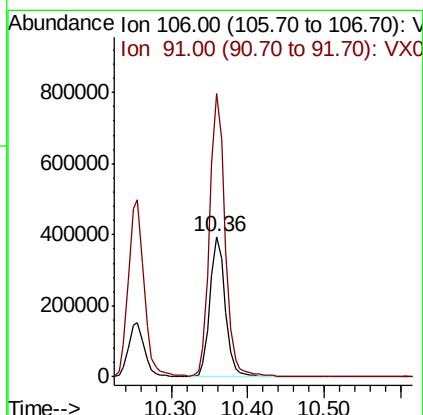
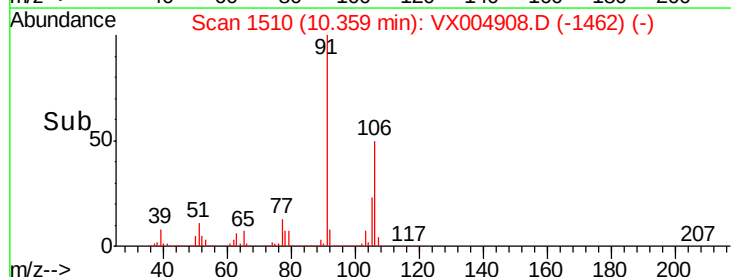
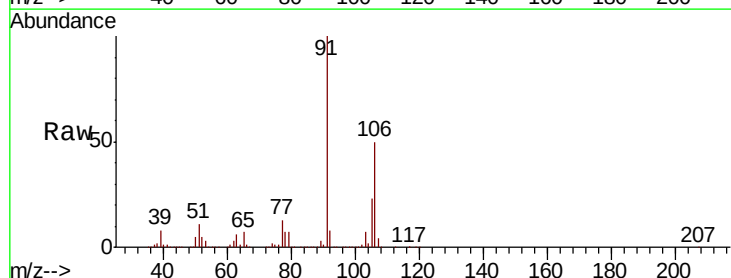
Acq: 02 Oct 2018 08:51

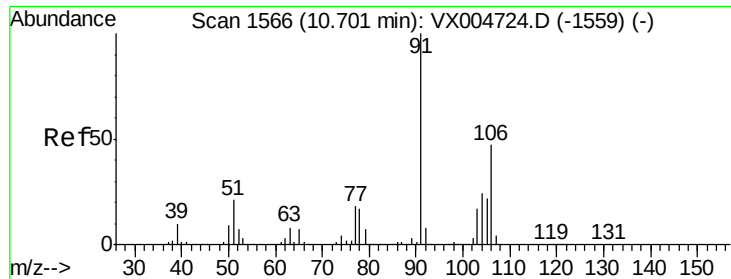
Tgt Ion: 106 Resp: 553219

Ion Ratio Lower Upper

106 100

91 203.5 157.5 236.3





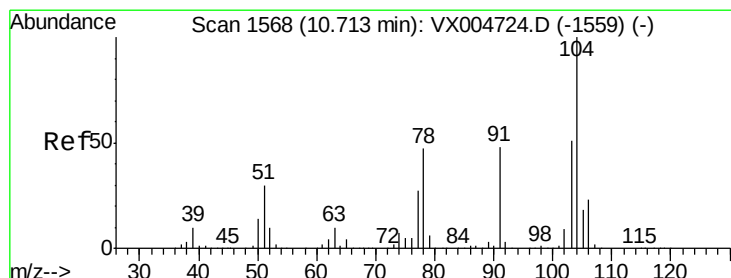
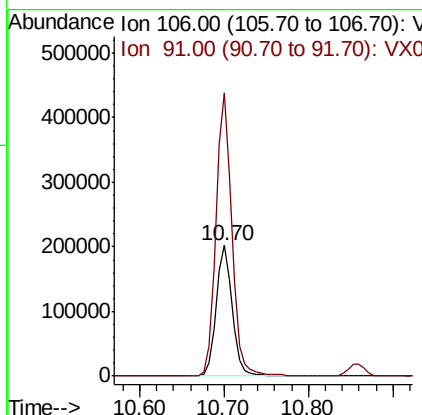
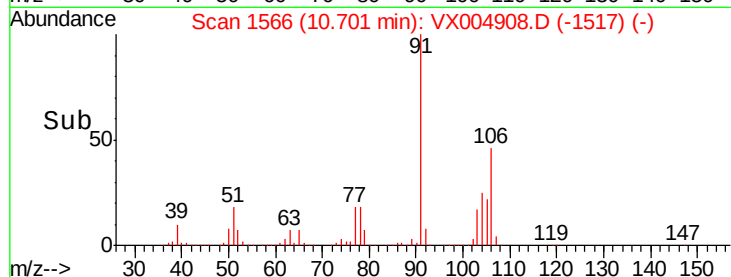
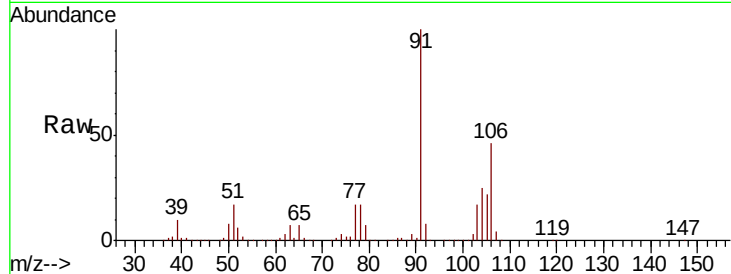
#69
o-Xylene
Concen: 54.437 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.9	108.3	324.8	

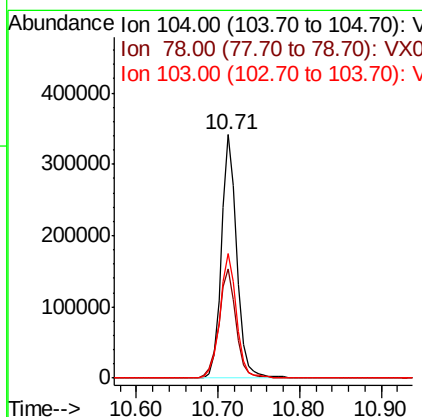
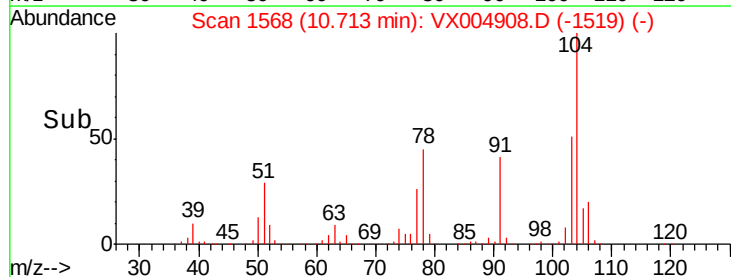
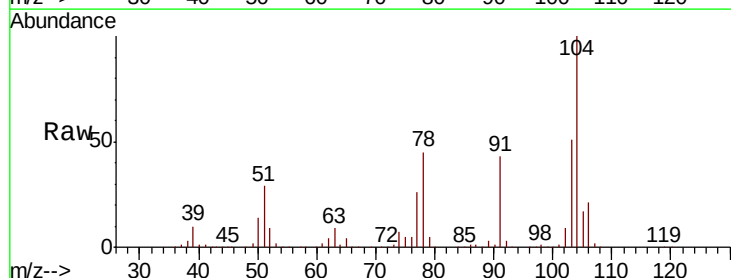
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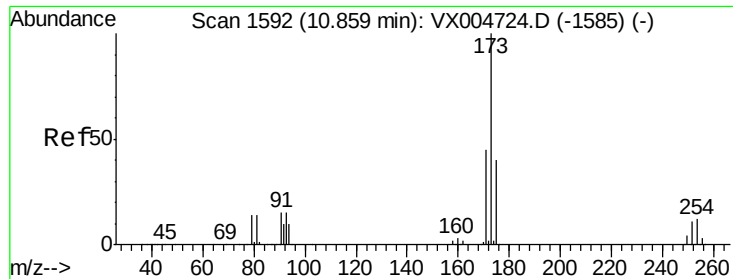
apatel
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#70
Styrene
Concen: 48.940 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.0	40.0	60.0	
103	55.6	44.3	66.5	





#71

Bromoform

Concen: 50.321 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

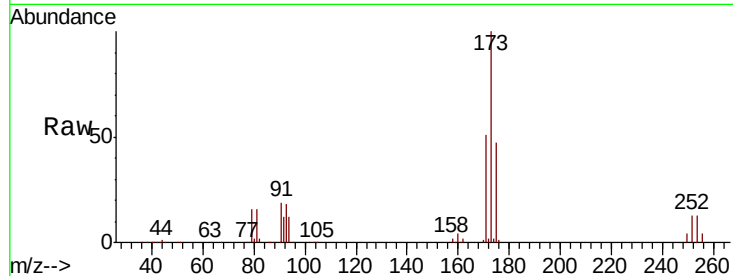
ClientSampleId :

VSTDCCC050EC

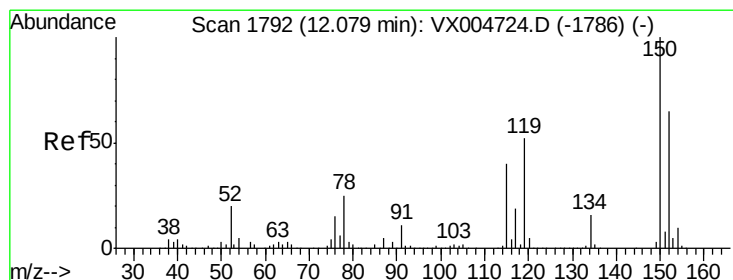
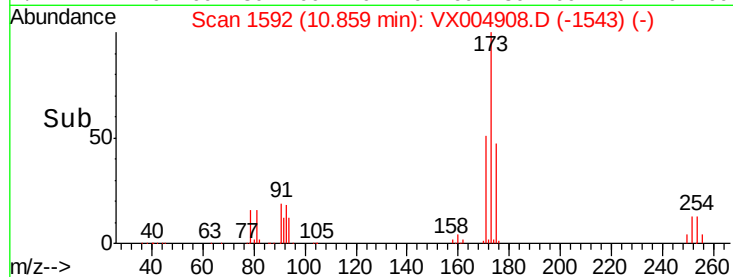
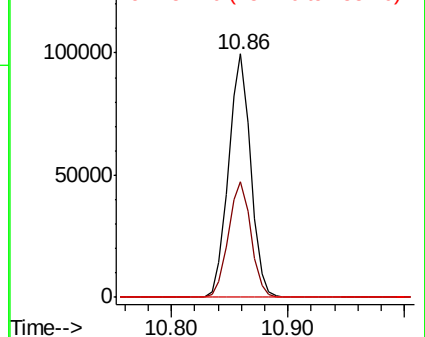
Tot Ion:	173	Resp:	130917
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.3	69.8
254	0.1	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

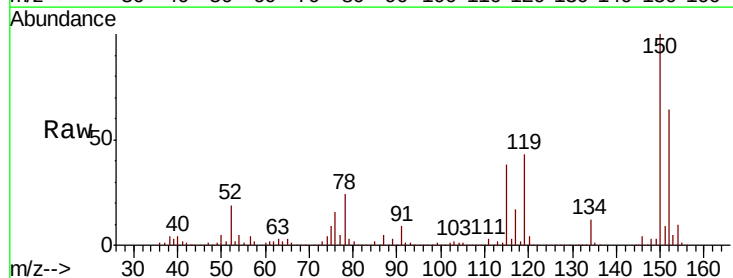
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

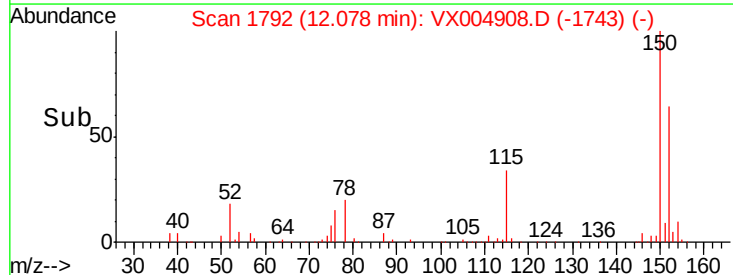
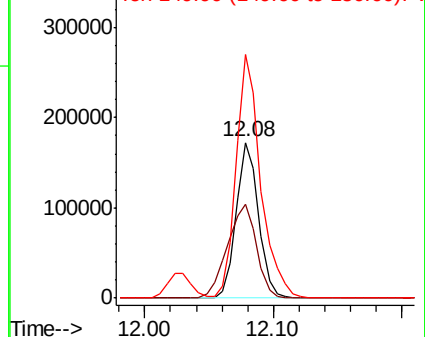
Lab File: VX004908.D

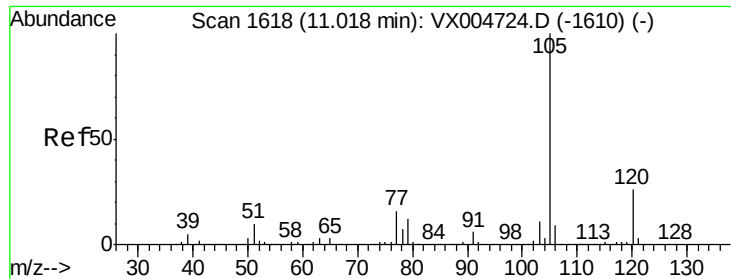
Acq: 02 Oct 2018 08:51

Tgt Ion:	152	Resp:	207618
Ion Ratio	Lower	Upper	
152	100		
115	79.0	40.2	120.6
150	173.1	0.0	351.0



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





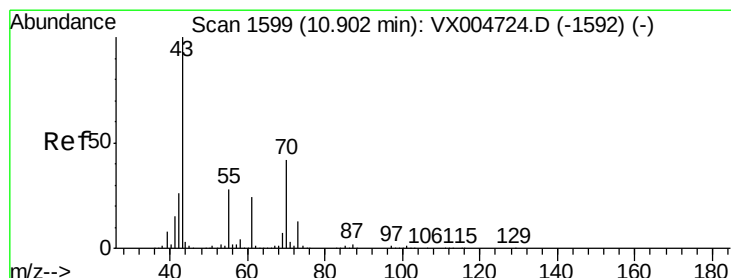
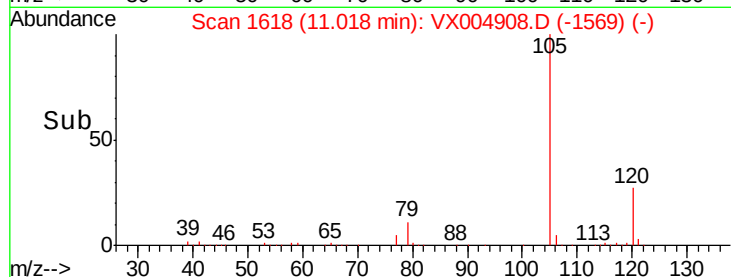
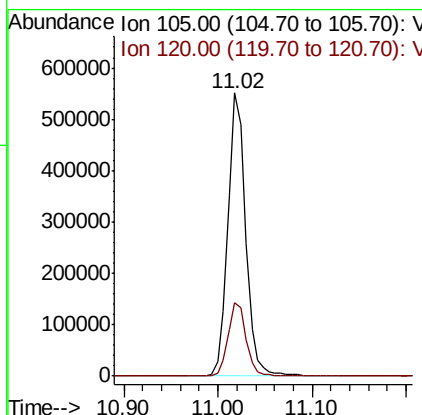
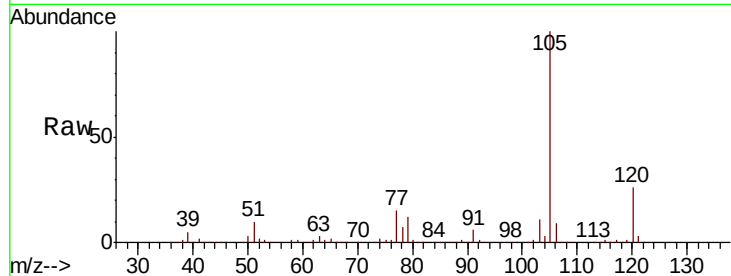
#73
Isopropylbenzene
Concen: 55.372 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5

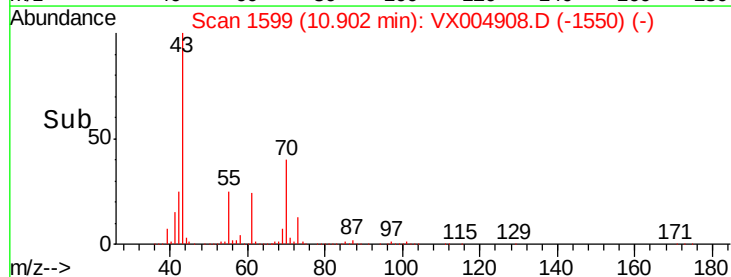
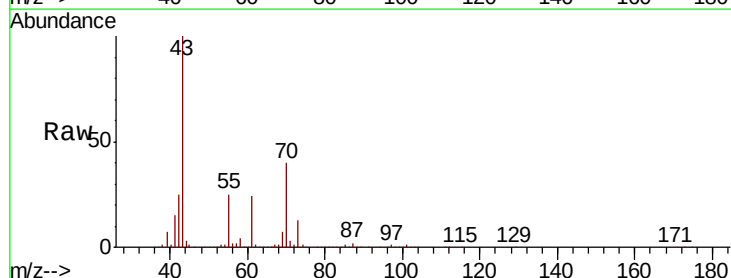
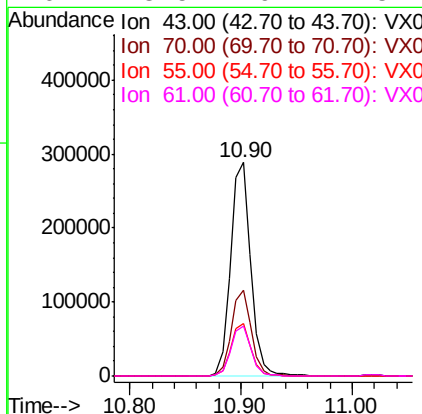
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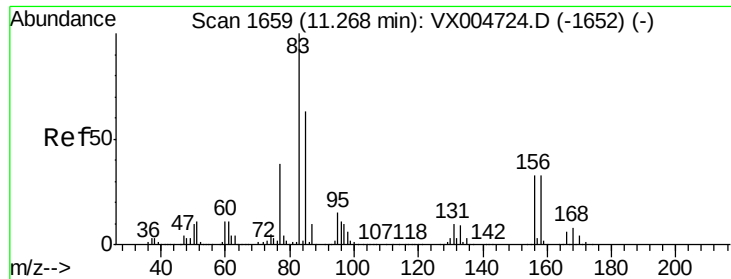
apatel
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#74
N-ethyl acetate
Concen: 49.895 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.6	48.8
55	24.7	21.6	32.4
61	23.5	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.646 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

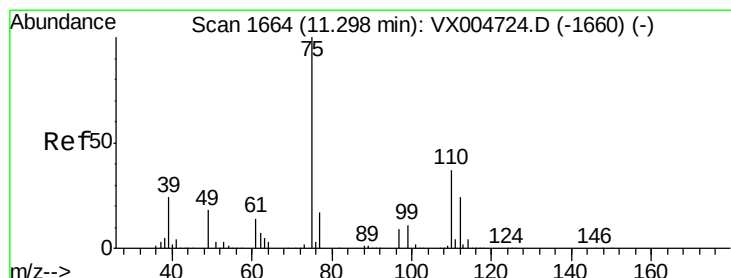
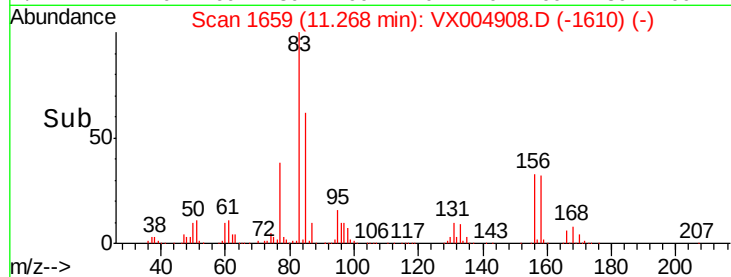
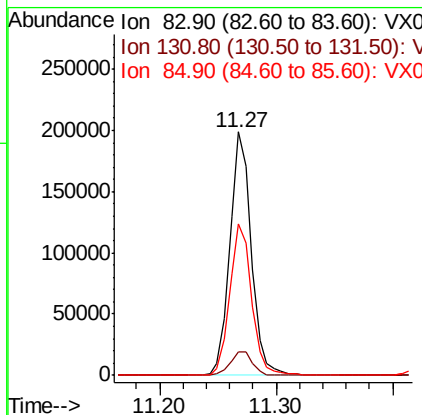
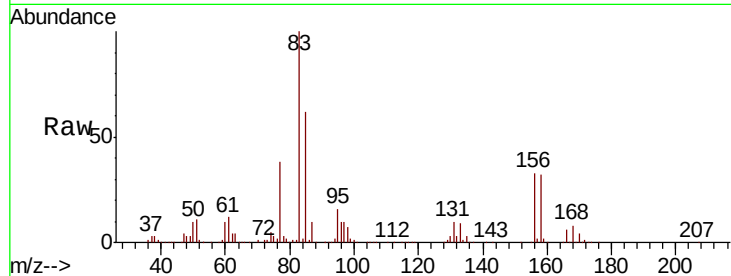
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	253811
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 49.855 ug/l m

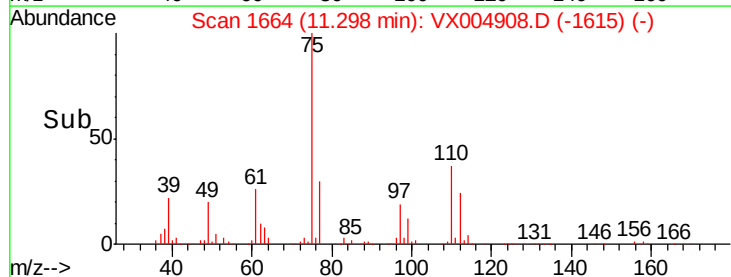
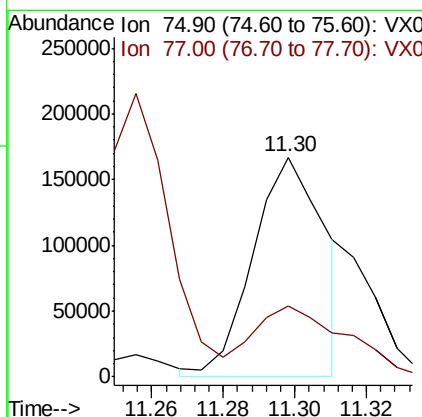
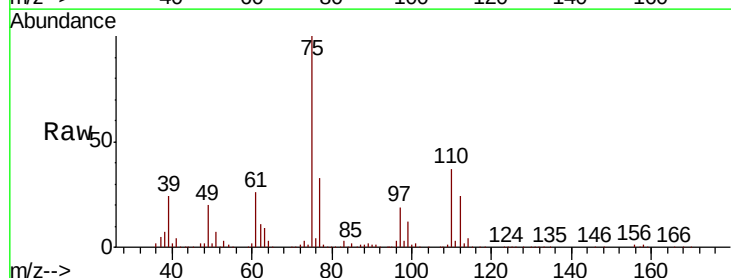
RT: 11.30 min Scan# 1664

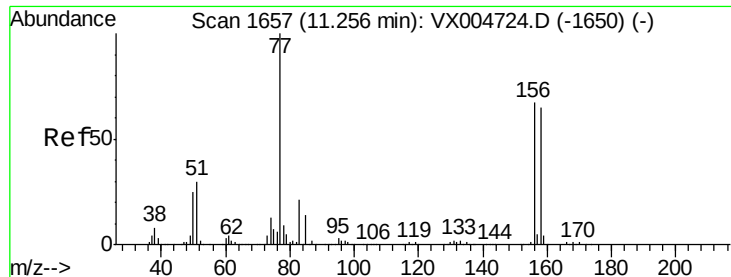
Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	75	Resp:	232001
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.4	64.3





#77

Bromobenzene

Concen: 50.751 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

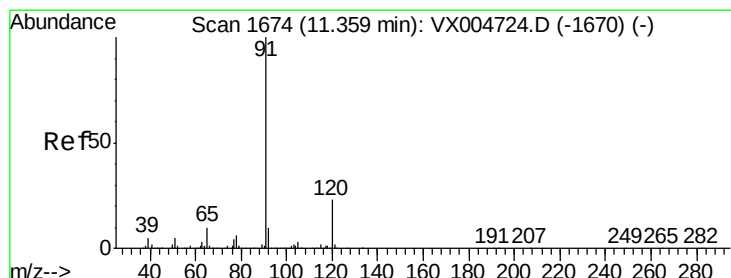
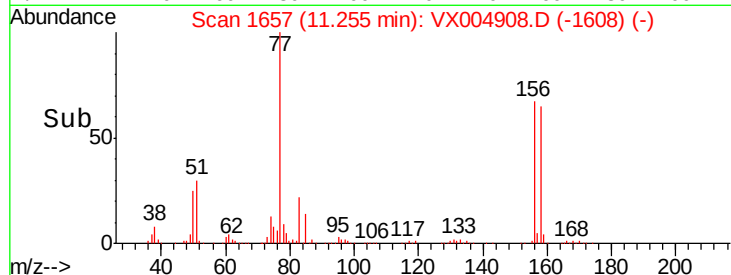
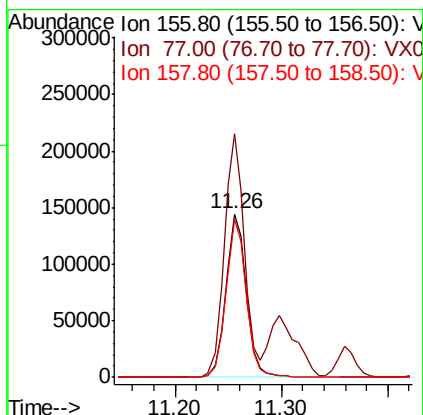
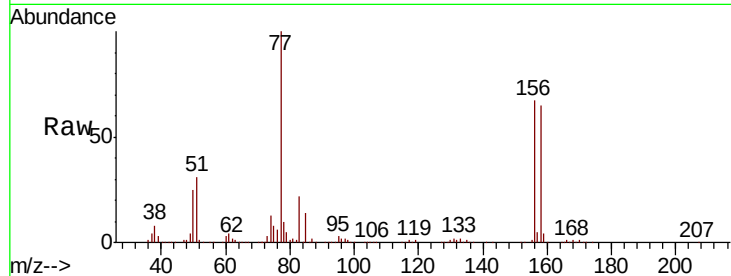
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	192909
Ion Ratio	Lower	Upper	
156	100		
77	146.8	73.4	220.2
158	96.4	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 55.180 ug/l

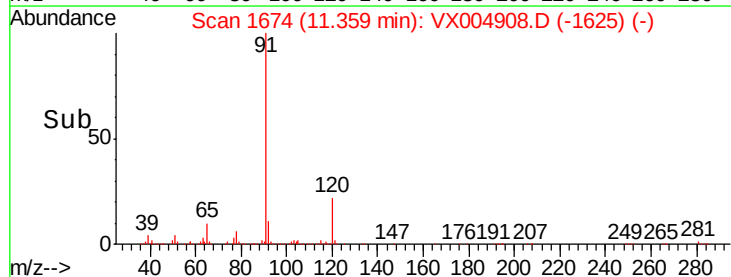
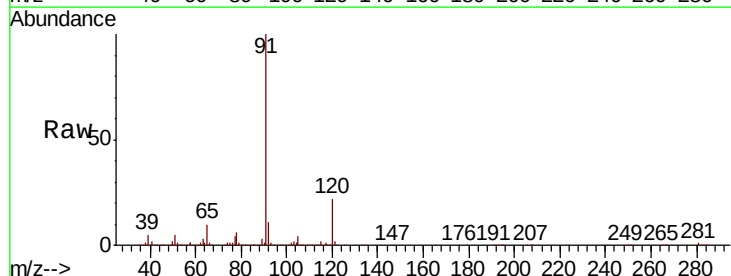
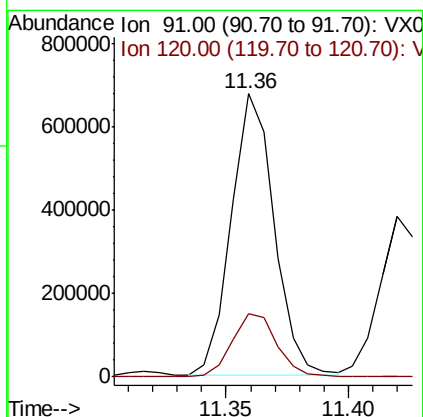
RT: 11.36 min Scan# 1674

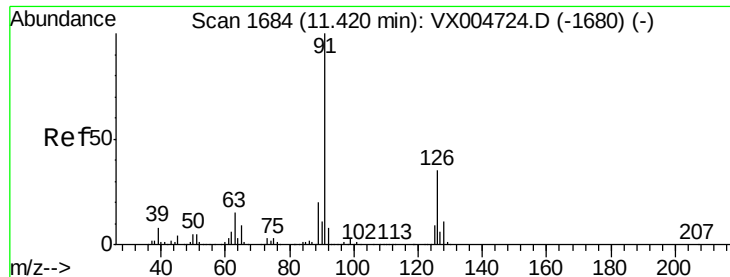
Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	91	Resp:	828528
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 52.555 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 491877

Ion Ratio Lower Upper

91 100

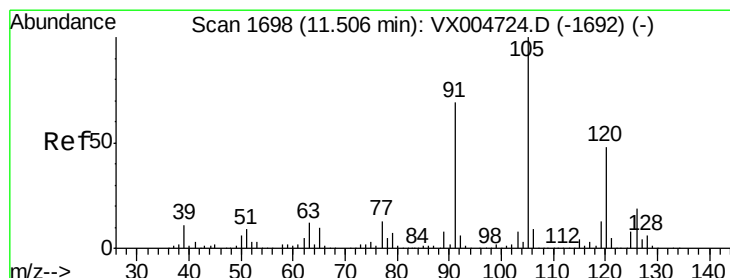
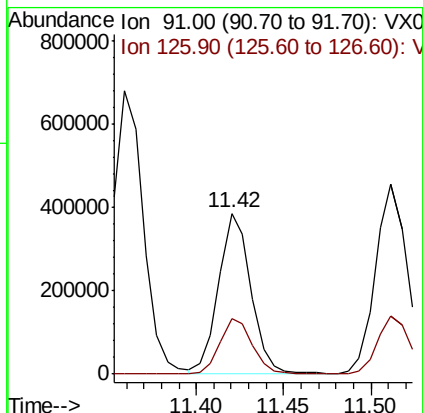
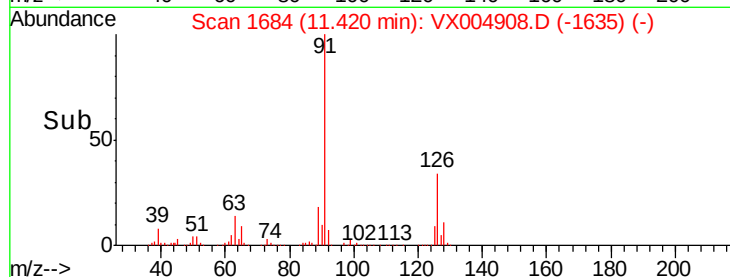
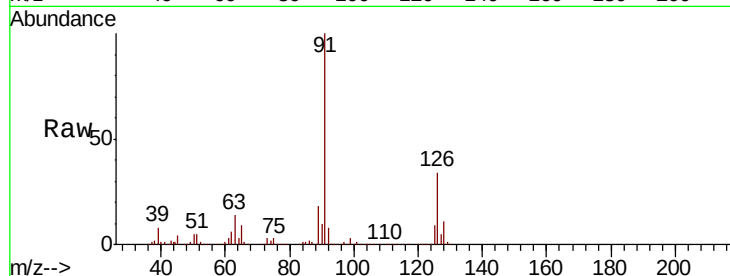
126 35.3 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004908.D

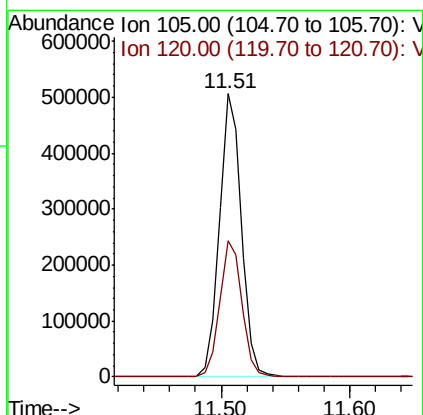
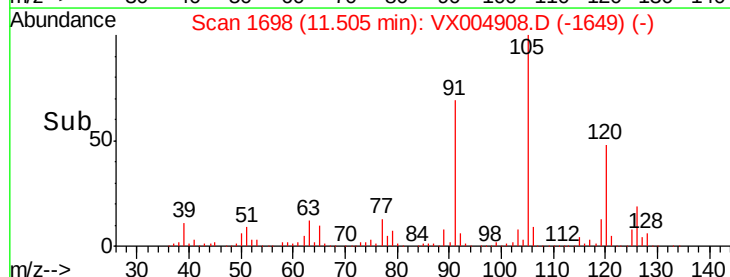
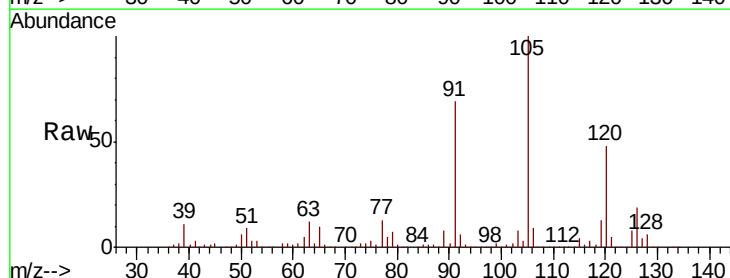
Acq: 02 Oct 2018 08:51

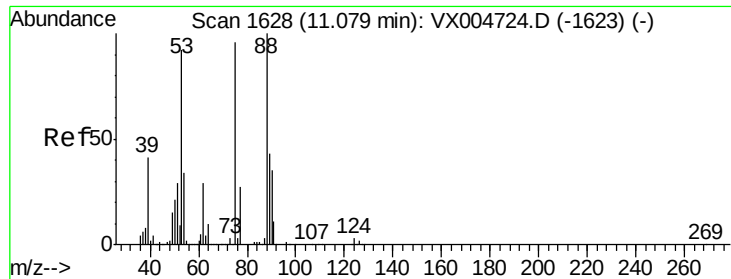
Tgt Ion: 105 Resp: 609852

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





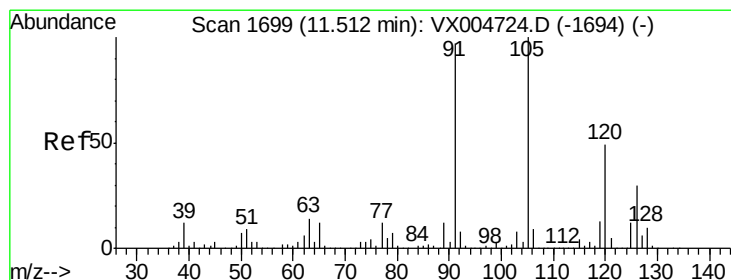
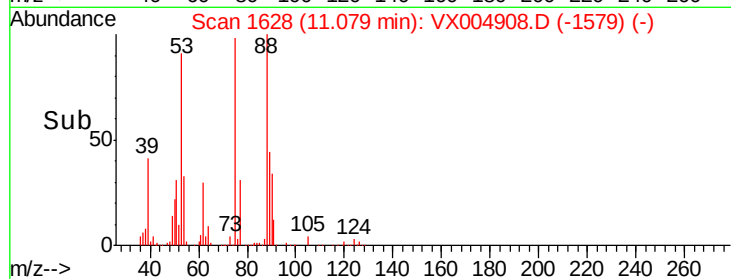
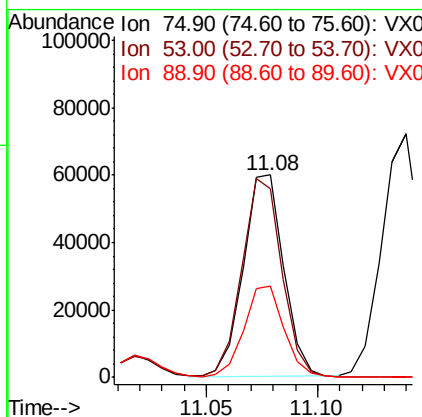
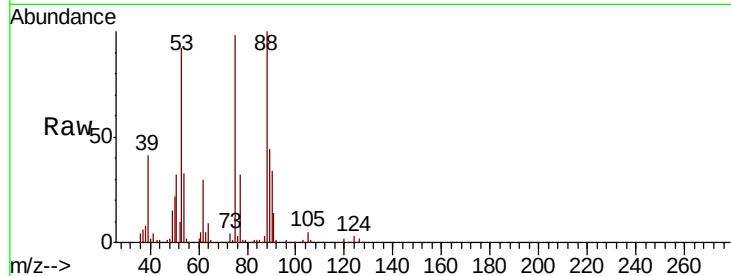
#81
trans-1,4-Dichloro-2-butene
Concen: 44.495 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	80.2	120.4
89	45.3	37.1	55.7

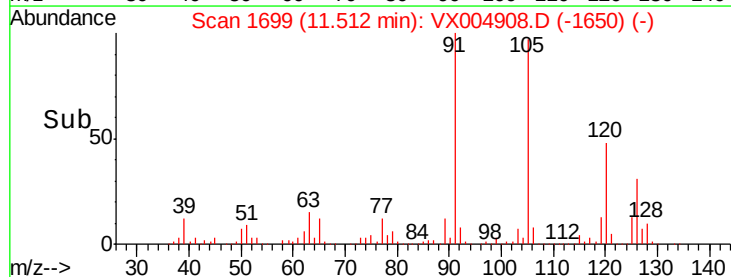
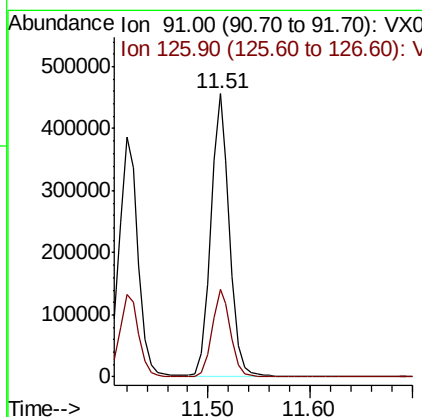
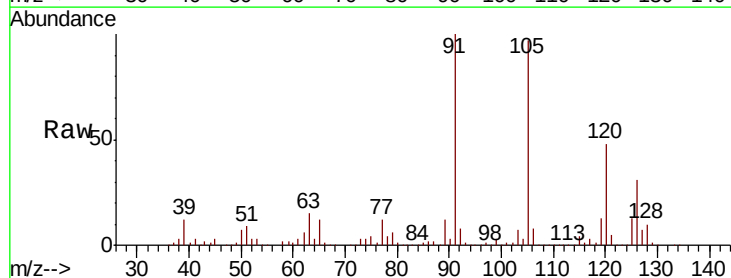
Manual Integrations
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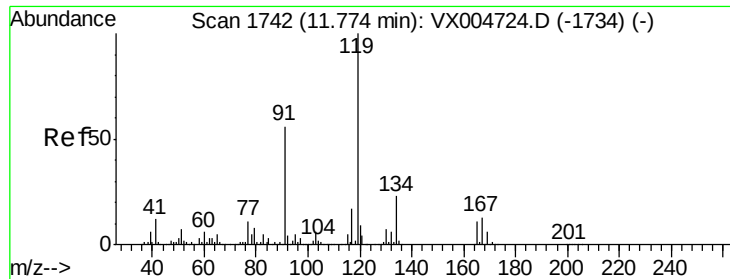
apatel
10/5/2018 11:55:57 AM



#82
4-Chlorotoluene
Concen: 52.844 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





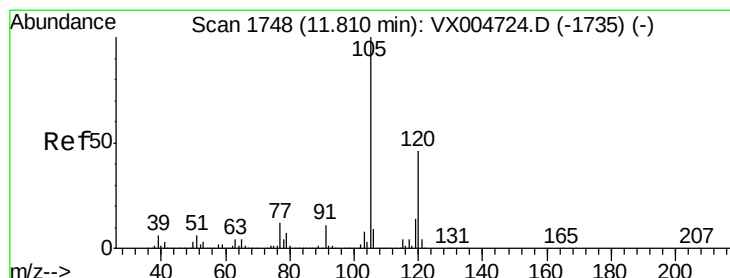
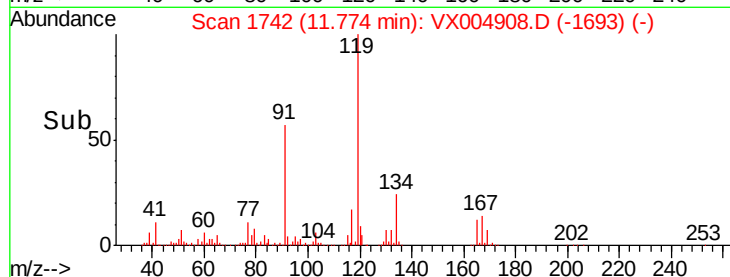
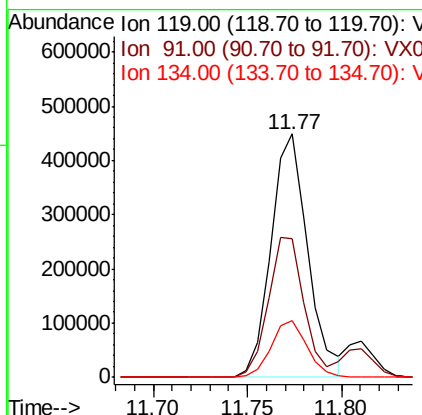
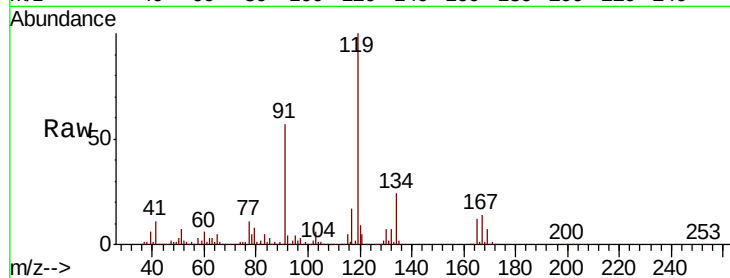
#83
 tert-Butylbenzene
 Concen: 56.258 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.5	82.5
134	22.9	11.5	34.4

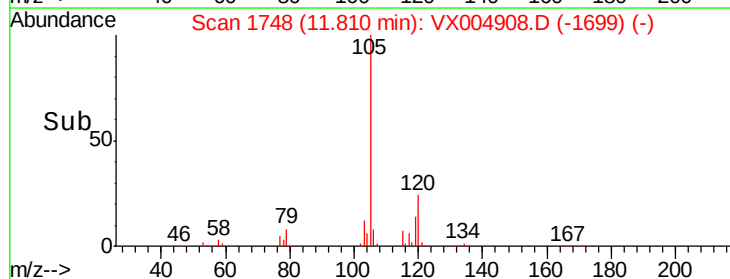
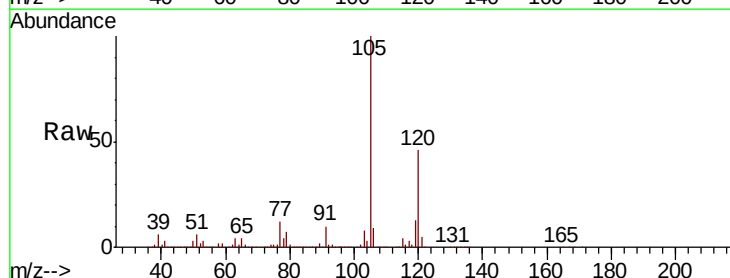
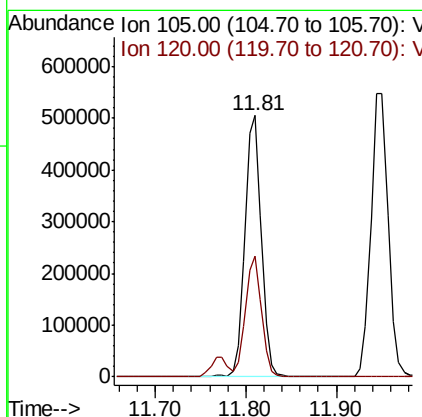
Manual Integrations
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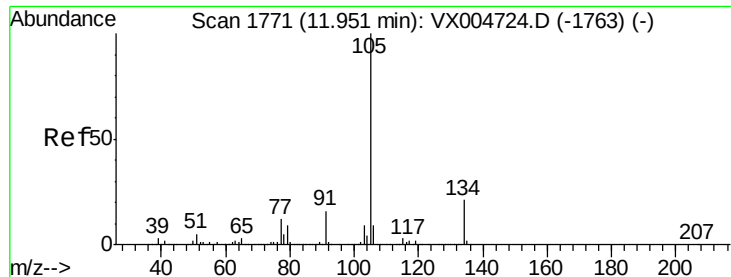
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.260 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.234 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 724874

Ion Ratio Lower Upper

105 100

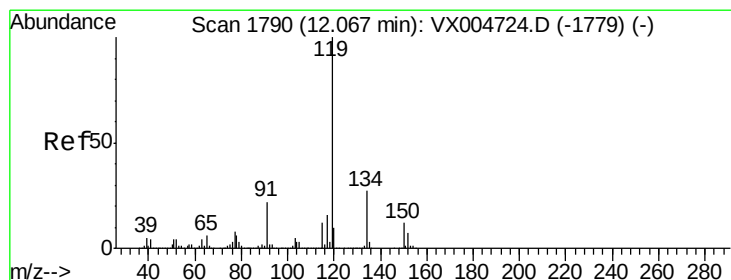
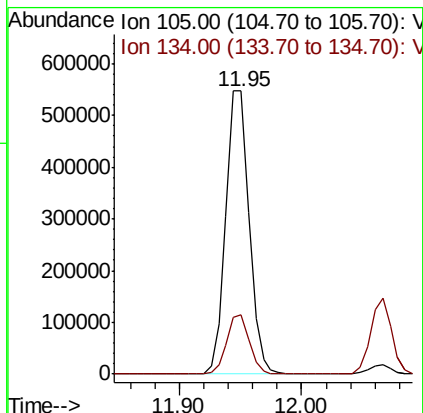
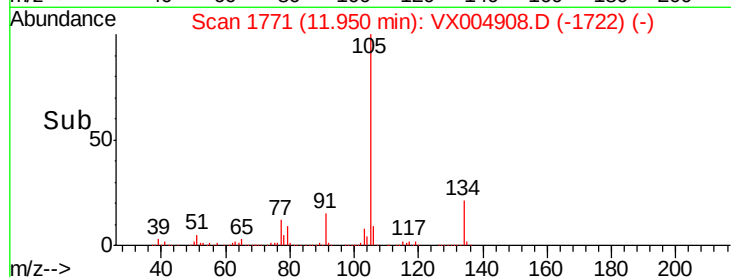
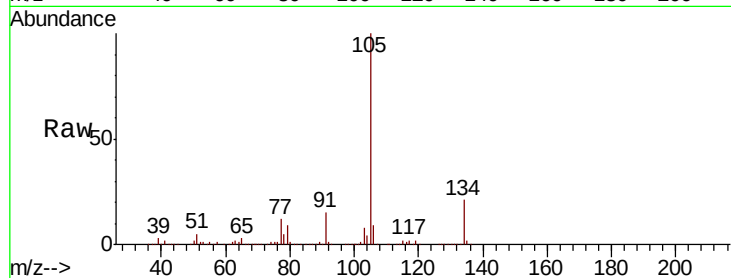
134 20.4 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.850 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

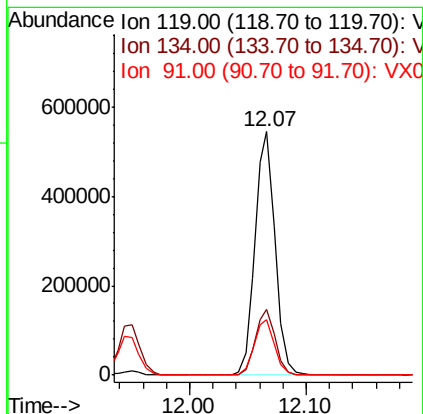
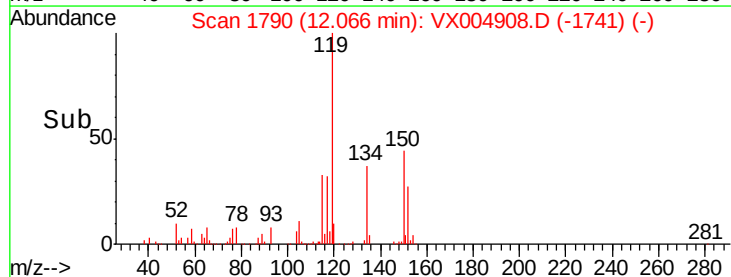
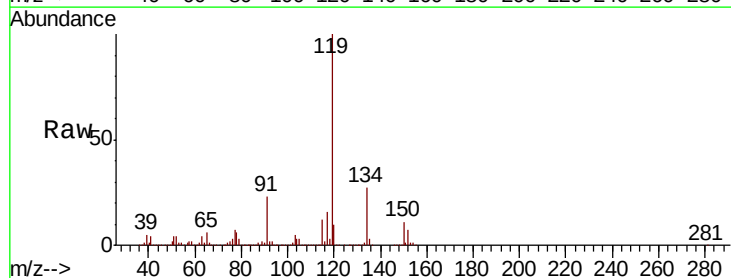
Tgt Ion:119 Resp: 652172

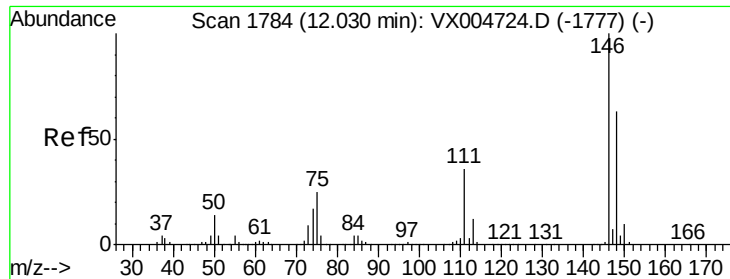
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.0 11.5 34.4





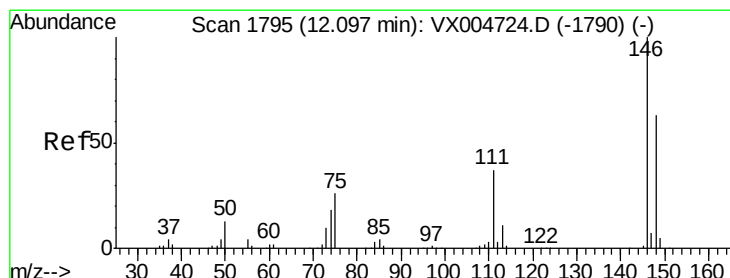
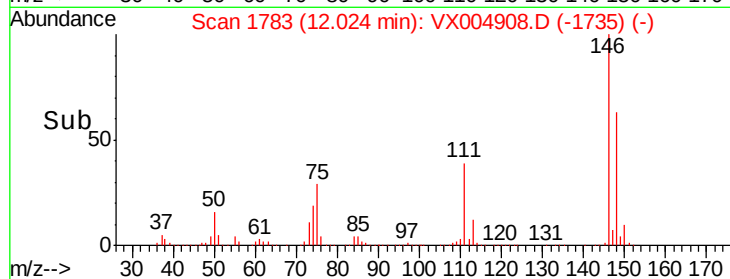
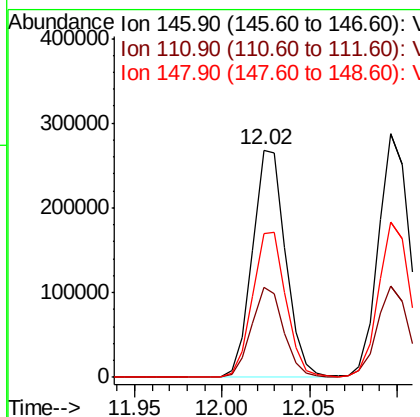
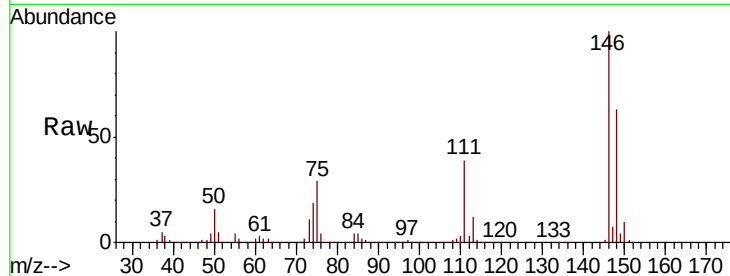
#87
 1,3-Dichlorobenzene
 Concen: 49.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.1	31.8	95.3

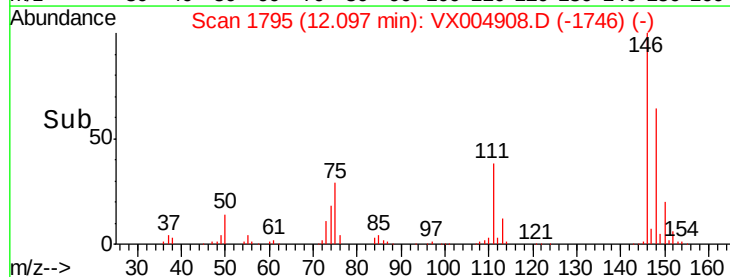
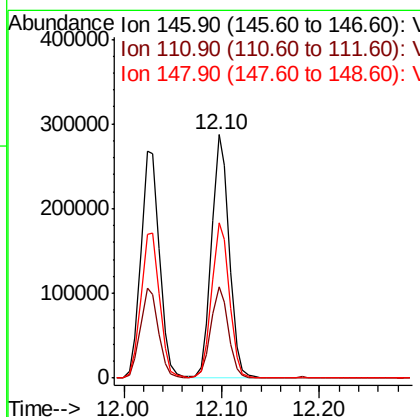
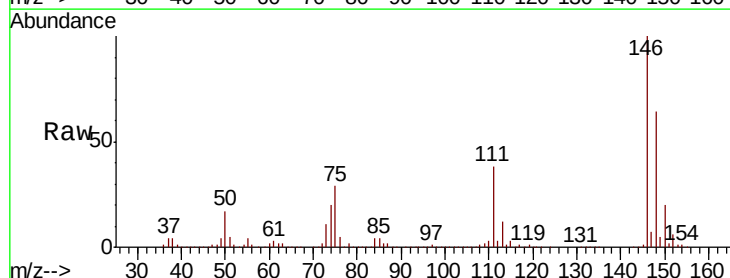
Manual Integrations
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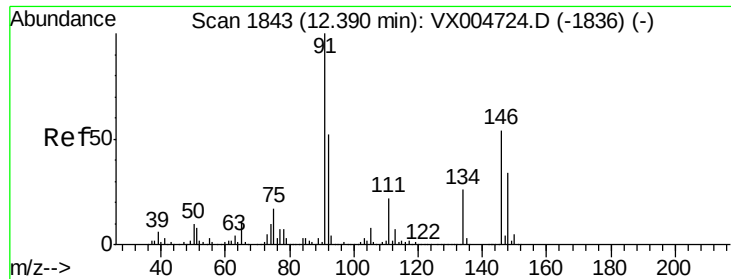
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.1	32.0	96.0





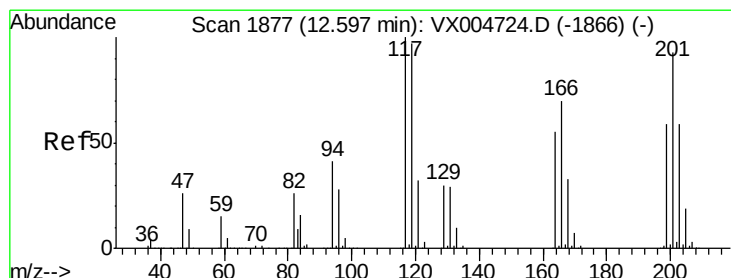
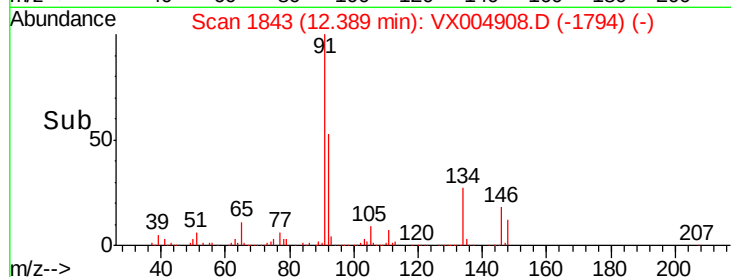
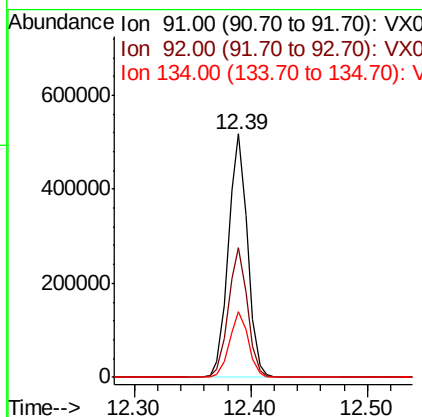
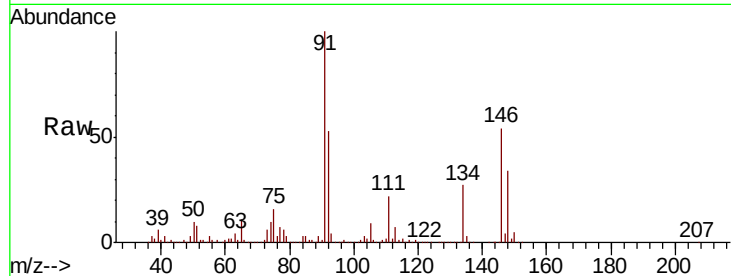
#89
n-Butylbenzene
Concen: 54.549 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.0	78.0
134	26.6	13.2	39.6

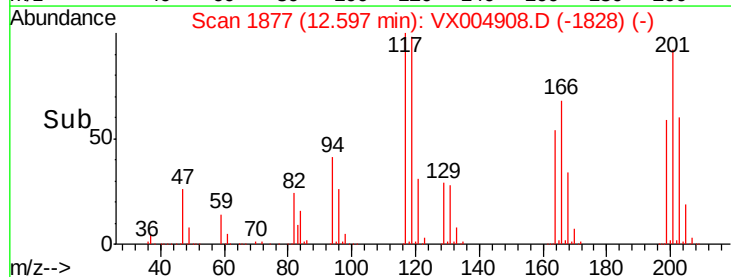
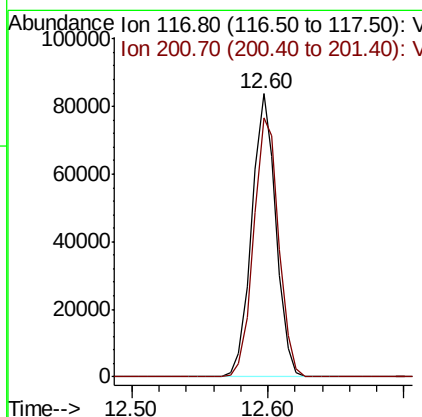
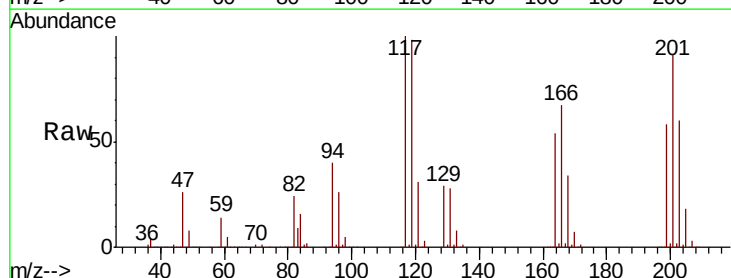
Manual Integrations
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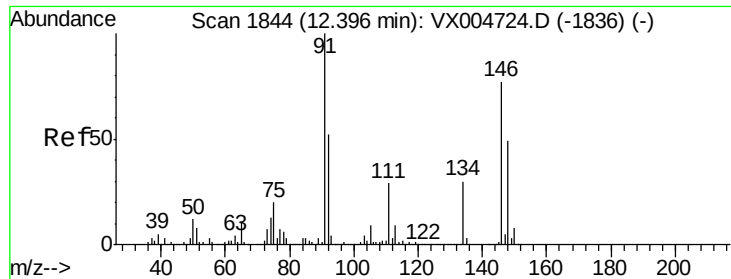
apatel
10/5/2018 11:55:57 AM



#90
Hexachloroethane
Concen: 52.815 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004908.D
Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.8	48.4	145.0





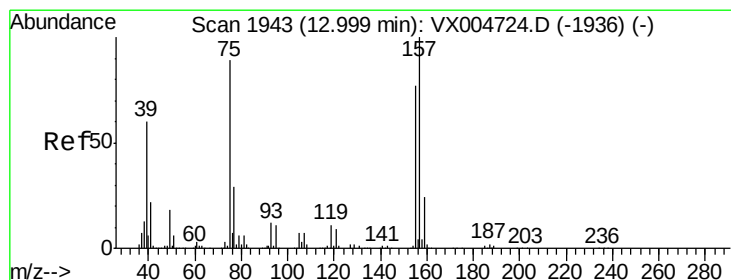
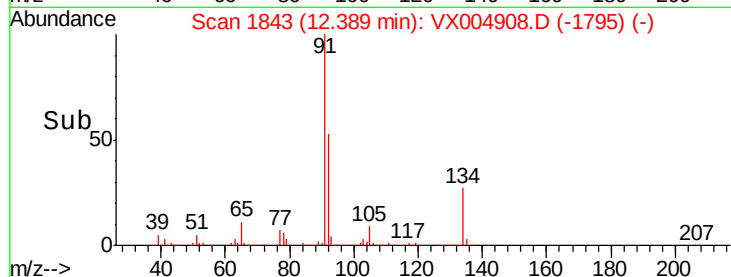
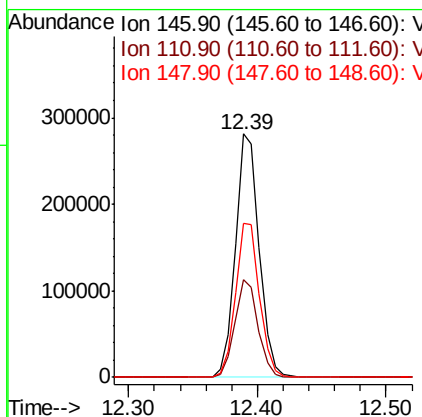
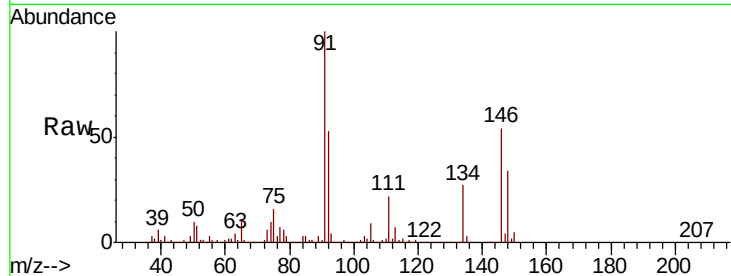
#91
 1,2-Dichlorobenzene
 Concen: 48.473 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.2	31.8	95.4

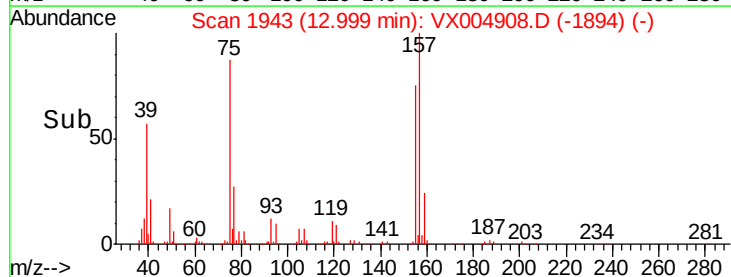
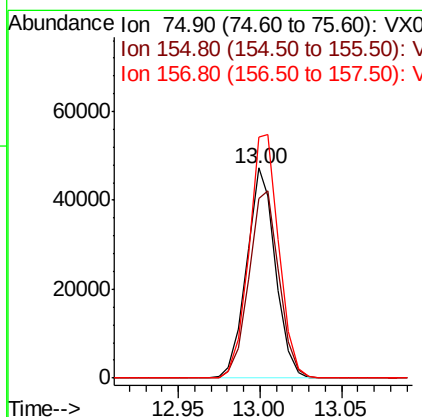
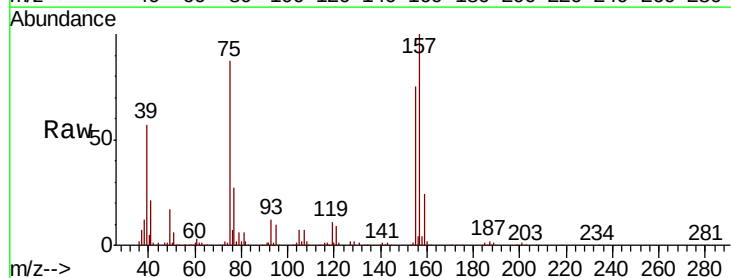
Manual Integrations
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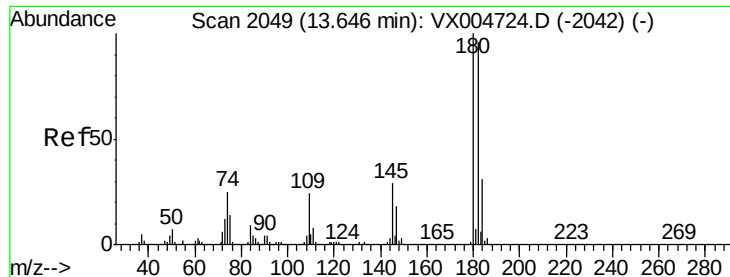
apatel
 10/5/2018 11:55:57 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.706 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	46.1	138.3
157	120.6	60.2	180.6





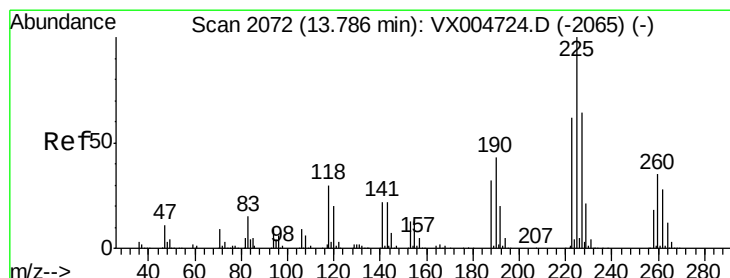
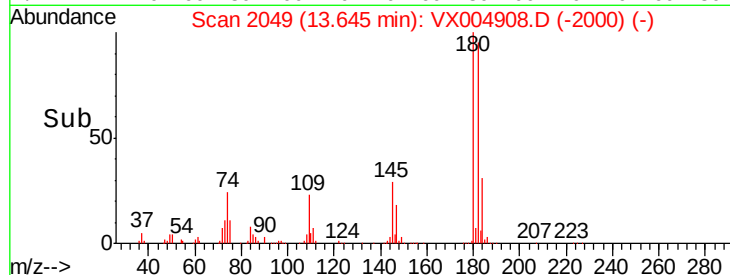
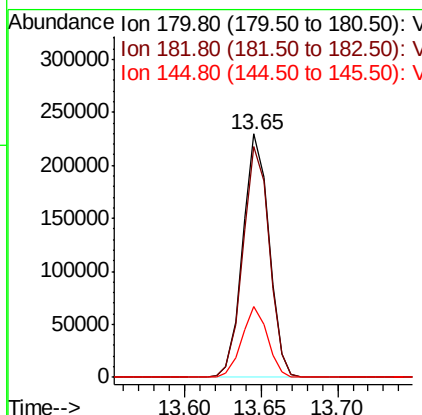
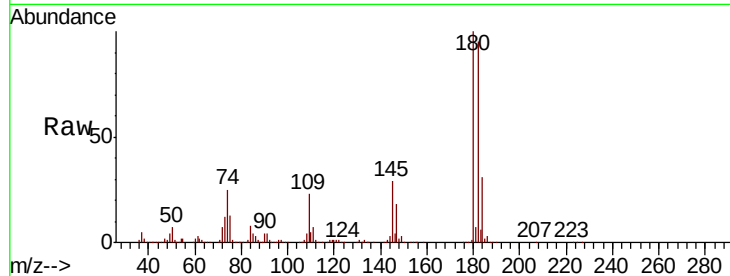
#93
 1,2,4-Trichlorobenzene
 Concen: 52.537 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	273361		
182	95.4	47.8	143.4	
145	28.3	14.1	42.4	

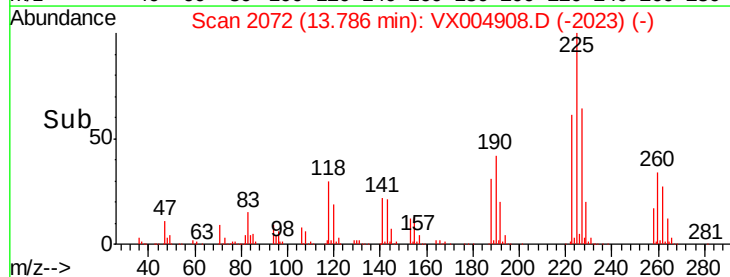
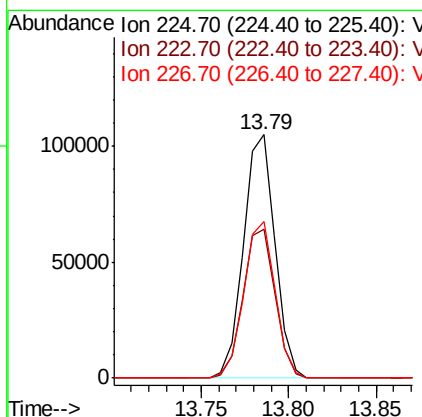
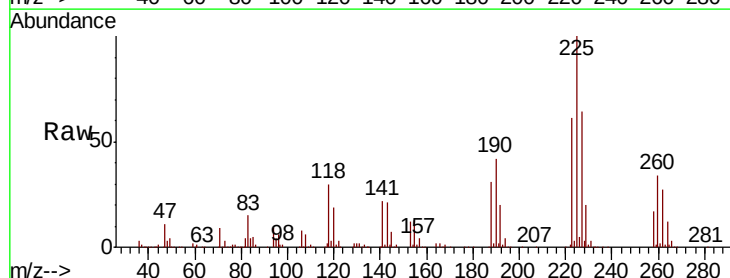
Manual Integrations
 APPROVED

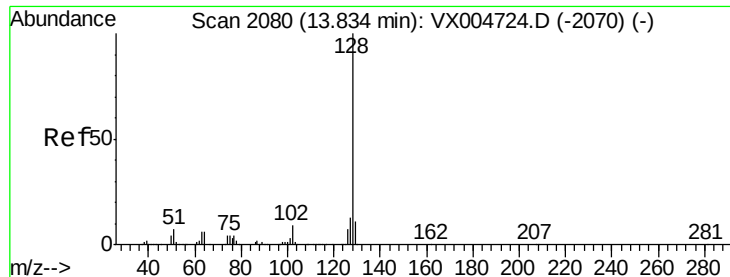
apatel
 10/5/2018 11:55:57 AM



#94
 Hexachlorobutadiene
 Concen: 48.612 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004908.D
 Acq: 02 Oct 2018 08:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131160		
223	62.2	31.3	93.8	
227	63.9	31.9	95.5	





#95

Naphthalene

Concen: 50.519 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Instrument :

MSVOA_X

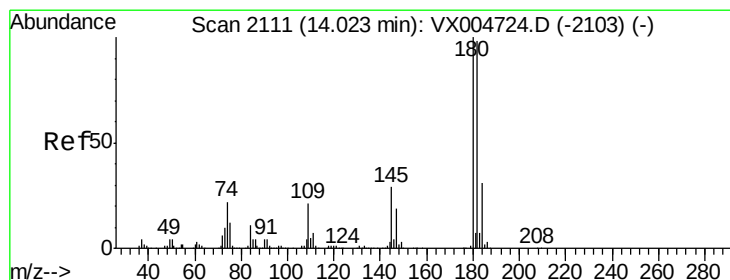
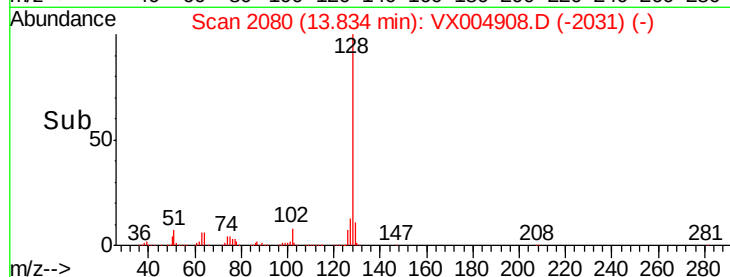
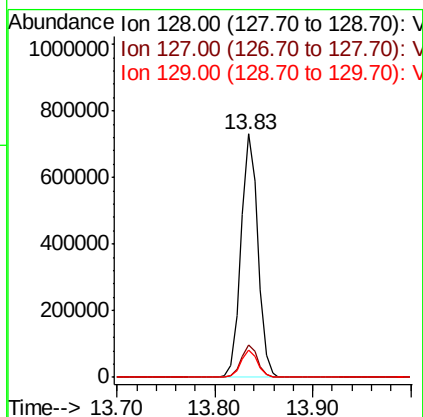
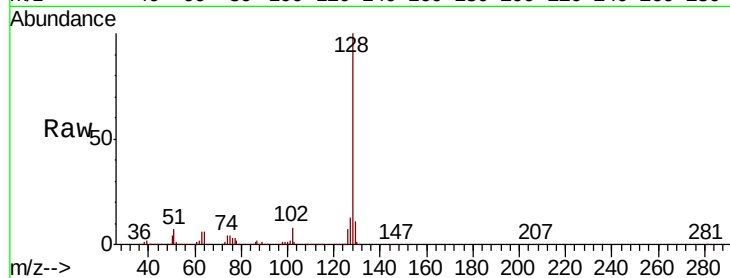
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	872579
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
10/5/2018 11:55:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.429 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004908.D

Acq: 02 Oct 2018 08:51

Tgt Ion:	180	Resp:	276425
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.9	143.8
145	30.0	15.0	45.0

