

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004810.D
 Acq On : 28 Sep 2018 08:10
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 08:43:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206295	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	167018	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	135347	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
50) Toluene-d8	8.72	98	518642	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	190838	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	202966	61.829	ug/l	94
3) Chloromethane	1.32	50	204082	51.242	ug/l	99
4) Vinyl Chloride	1.40	62	213127	57.056	ug/l	100
5) Bromomethane	1.64	94	104547	47.199	ug/l	99
6) Chloroethane	1.71	64	119028	58.884	ug/l	97
7) Trichlorofluoromethane	1.92	101	262211	56.702	ug/l	95
8) Diethyl Ether	2.19	74	105020	52.276	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147360	55.942	ug/l	100
10) Methyl Iodide	2.51	142	101794	28.878	ug/l	97
11) Tert butyl alcohol	3.08	59	251997	262.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	142078	54.463	ug/l	94
13) Acrolein	2.29	56	141395	206.655	ug/l	99
14) Allyl chloride	2.73	41	302447	53.136	ug/l	95
15) Acrylonitrile	3.15	53	570890	269.675	ug/l	99
16) Acetone	2.45	43	492510	245.285	ug/l	95
17) Carbon Disulfide	2.57	76	423678	54.048	ug/l	98
18) Methyl Acetate	2.78	43	288773	56.764	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	508957	56.561	ug/l	96
20) Methylene Chloride	2.85	84	163361	56.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	155516	54.458	ug/l	94
22) Diisopropyl ether	3.87	45	532990	55.608	ug/l	96
23) Vinyl Acetate	3.82	43	2410436	274.739	ug/l	98
24) 1,1-Dichloroethane	3.70	63	300237	52.512	ug/l	97
25) 2-Butanone	4.70	43	765183	258.533	ug/l	94
26) 2,2-Dichloropropane	4.59	77	134491	33.780	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	164356	51.519	ug/l	95
28) Bromochloromethane	5.02	49	128814	47.843	ug/l	91
29) Tetrahydrofuran	5.15	42	494550	268.840	ug/l	92
30) Chloroform	5.21	83	272424	50.416	ug/l	98
31) Cyclohexane	5.57	56	257986	58.955	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	235219	53.302	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205478	49.998	ug/l	100
37) Ethyl Acetate	4.86	43	270409	49.568	ug/l	97
38) Carbon Tetrachloride	5.78	117	207445	48.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241516	57.552	ug/l	95
40) Benzene	6.14	78	623145	48.432	ug/l	100
41) Methacrylonitrile	5.06	41	152707	50.475	ug/l	95
42) 1,2-Dichloroethane	6.20	62	223589	49.158	ug/l	97
43) Isopropyl Acetate	6.46	43	407870	51.800	ug/l	96
44) Trichloroethene	7.21	130	164768	52.093	ug/l	94
45) 1,2-Dichloropropane	7.52	63	168832	53.508	ug/l	99
46) Dibromomethane	7.66	93	107903	54.416	ug/l	97
47) Bromodichloromethane	7.90	83	204399	55.055	ug/l	100
48) Methyl methacrylate	7.77	41	215764	60.373	ug/l	93
49) 1,4-Dioxane	7.75	88	91558	1031.195	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1438095	290.069	ug/l	95
52) Toluene	8.79	92	387683	54.836	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	215660	51.404	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	237847	54.126	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160785	51.919	ug/l	96
56) Ethyl methacrylate	9.18	69	257414	51.153	ug/l	94
57) 1,3-Dichloropropane	9.37	76	270445	52.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	701071	262.009	ug/l	93
59) 2-Hexanone	9.50	43	1144692	277.071	ug/l	94
60) Dibromochloromethane	9.59	129	165147	53.324	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167247	50.428	ug/l	99
64) Tetrachloroethene	9.34	164	160873	48.226	ug/l	99
65) Chlorobenzene	10.14	112	428603	49.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	156276	51.147	ug/l	99
67) Ethyl Benzene	10.26	91	741897	53.768	ug/l	97
68) m/p-Xylenes	10.36	106	574338	106.517	ug/l	94
69) o-Xylene	10.70	106	278037	56.141	ug/l	97
70) Styrene	10.71	104	469385	50.646	ug/l	97
71) Bromoform	10.86	173	135006	51.611	ug/l	99
73) Isopropylbenzene	11.02	105	743089	57.147	ug/l	99
74) N-amyl acetate	10.90	43	374214	52.277	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266380	50.326	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	292510	63.262	ug/l	89
77) Bromobenzene	11.26	156	199542	52.833	ug/l	97
78) n-propylbenzene	11.36	91	862438	57.806	ug/l	99
79) 2-Chlorotoluene	11.42	91	511116	54.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	631947	53.038	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	66483	39.644	ug/l	99
82) 4-Chlorotoluene	11.51	91	604615	55.236	ug/l	99
83) tert-Butylbenzene	11.77	119	620582	57.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	657324	53.496	ug/l	98
85) sec-Butylbenzene	11.94	105	751038	57.595	ug/l	98
86) p-Isopropyltoluene	12.07	119	674103	57.058	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	365420	51.815	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	370825	50.936	ug/l	99
89) n-Butylbenzene	12.39	91	598671	55.796	ug/l	97
90) Hexachloroethane	12.60	117	108503	55.160	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	372402	50.529	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63261	54.432	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

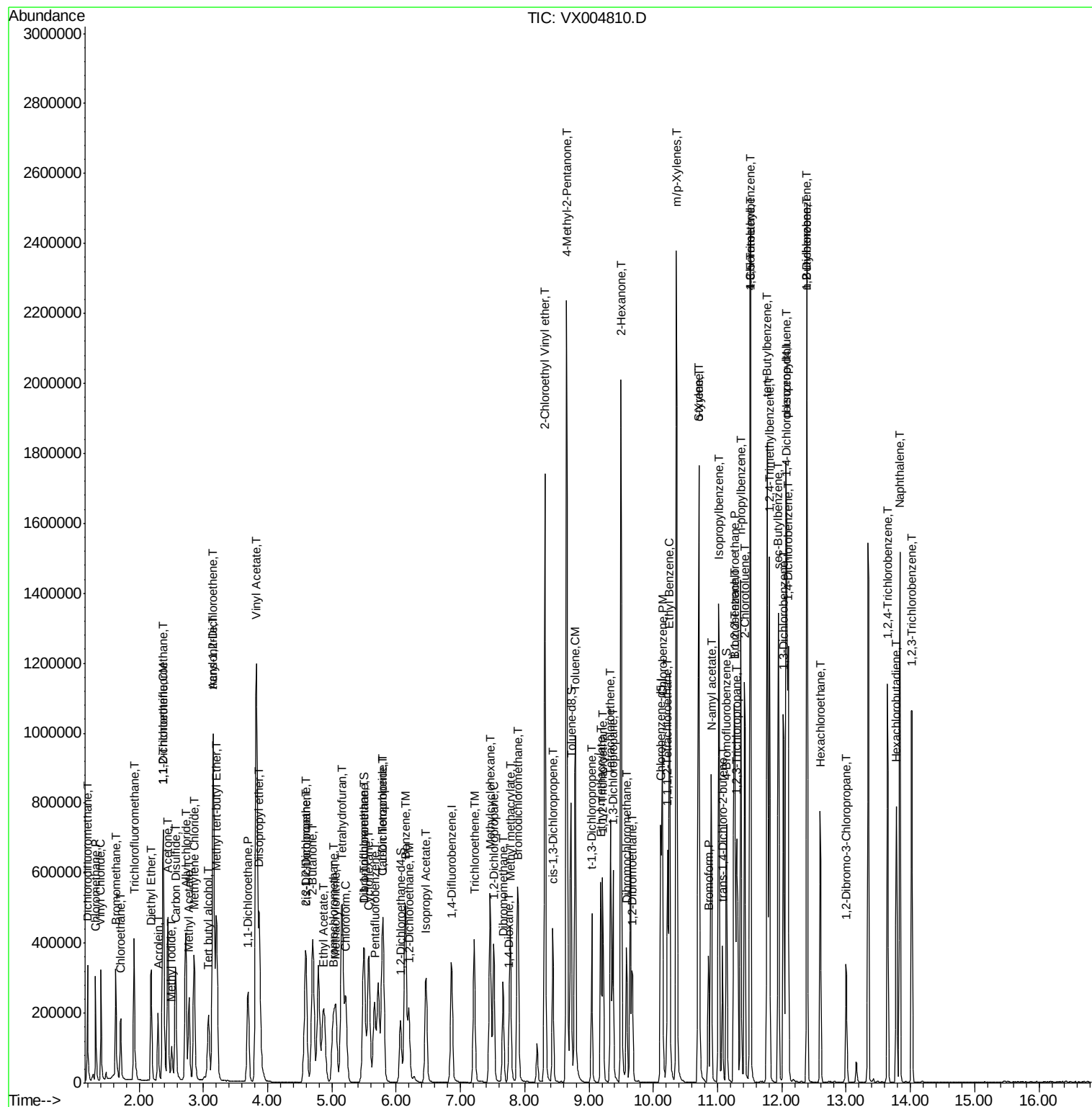
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277960	53.764	ug/l	99
94) Hexachlorobutadiene	13.79	225	130999	48.863	ug/l	98
95) Naphthalene	13.83	128	908202	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284665	53.301	ug/l	99

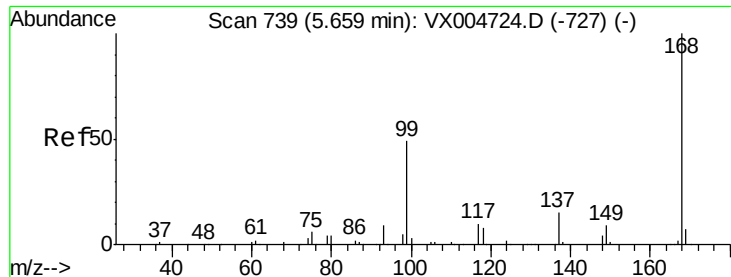
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

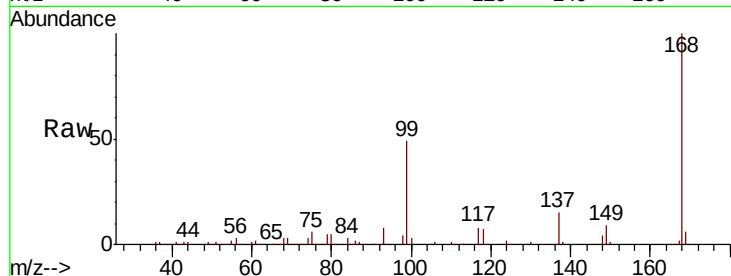
VSTDCCC050EC

Tot Ion:168 Resp: 240760

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

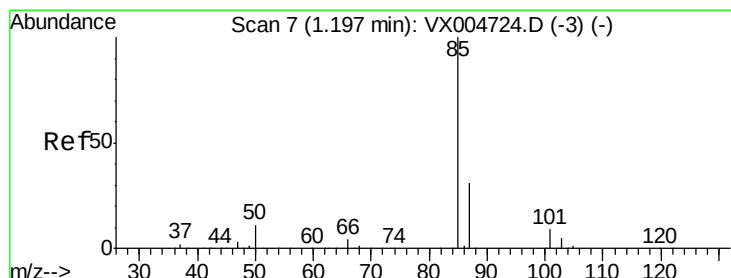
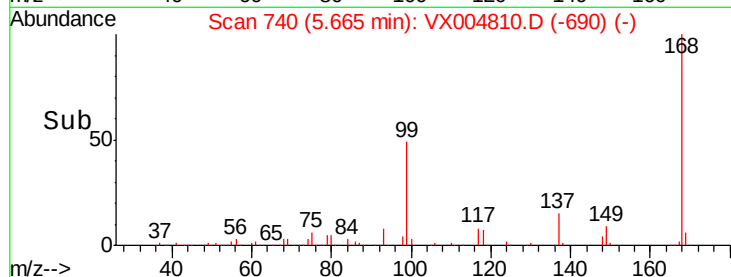
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 61.829 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004810.D

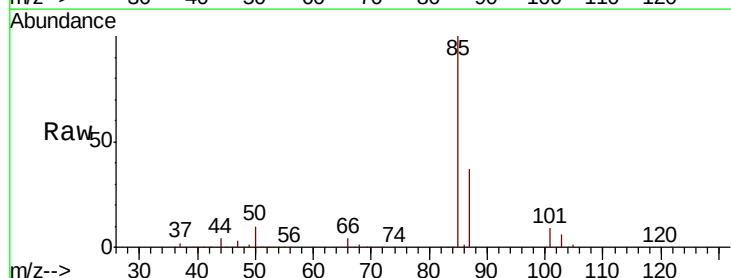
Acq: 28 Sep 2018 08:10

Tgt Ion: 85 Resp: 202966

Ion Ratio Lower Upper

85 100

87 37.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

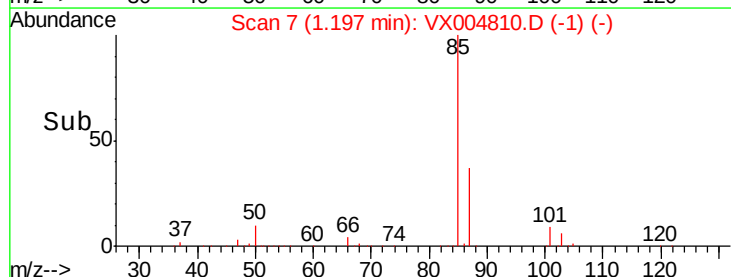
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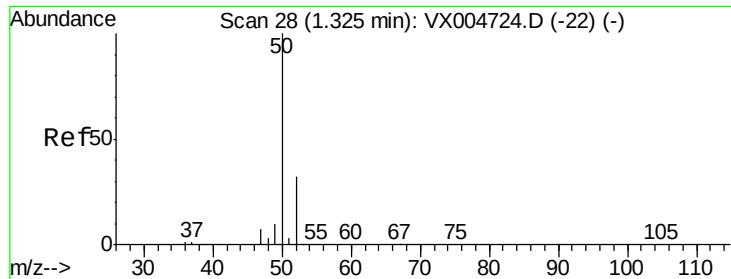
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50000

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Time-->

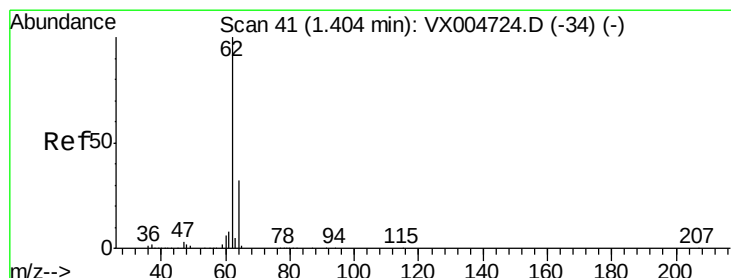
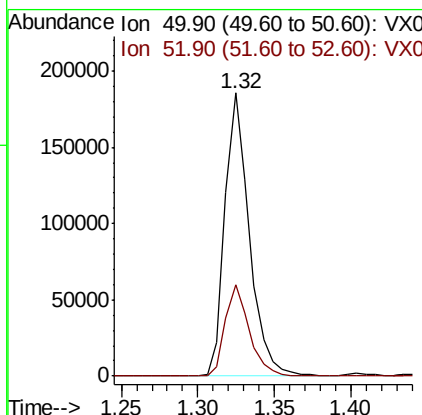
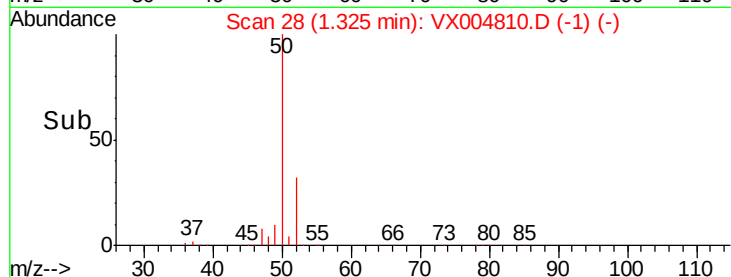
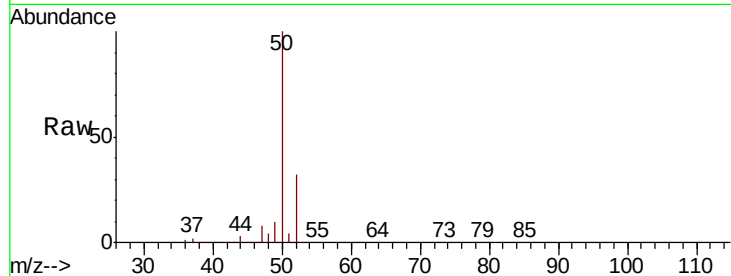




#3
Chloromethane
Concen: 51.242 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

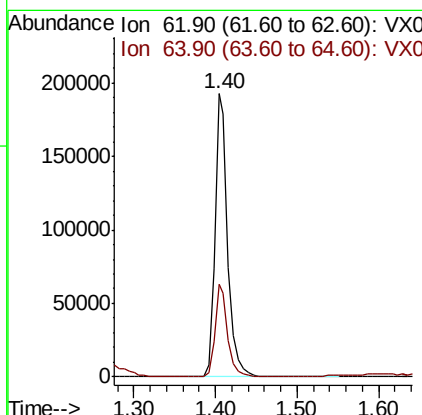
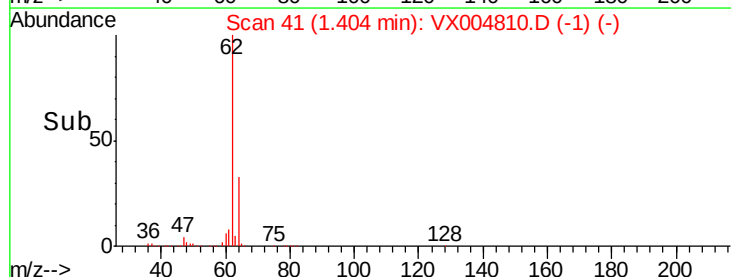
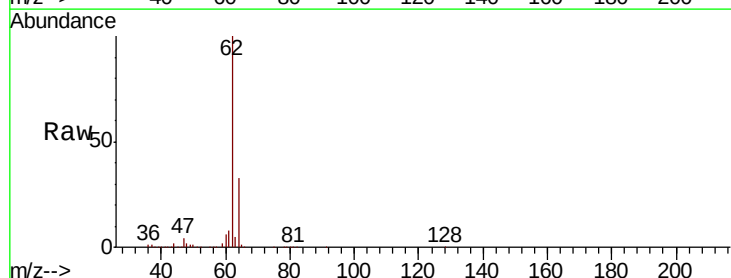
Instrument :
MSVOA_X
ClientSampleId :
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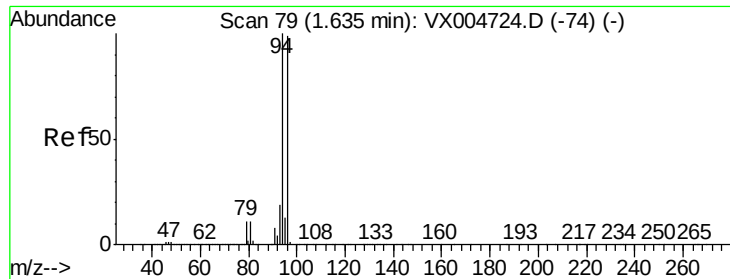
Tot Ion: 50 Resp: 204082
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 57.056 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 62 Resp: 213127
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8





#5

Bromomethane

Concen: 47.199 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

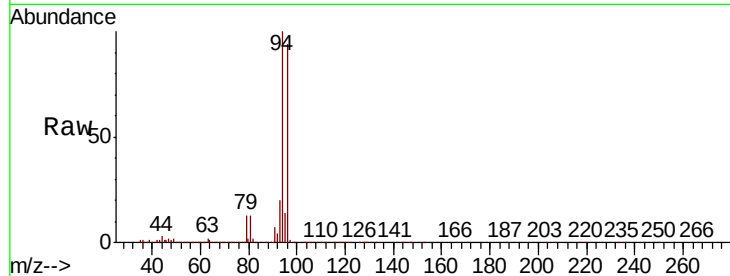
VSTDCCC050EC

Tot Ion: 94 Resp: 104547

Ion Ratio Lower Upper

94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

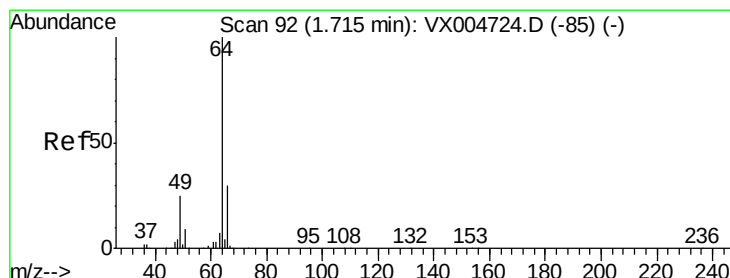
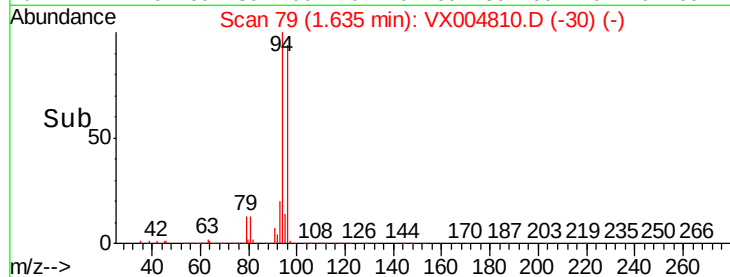
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 58.884 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004810.D

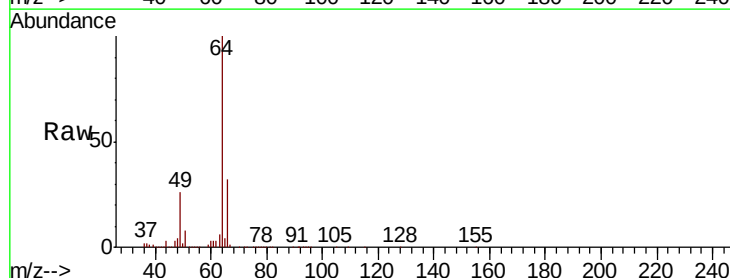
Acq: 28 Sep 2018 08:10

Tgt Ion: 64 Resp: 119028

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

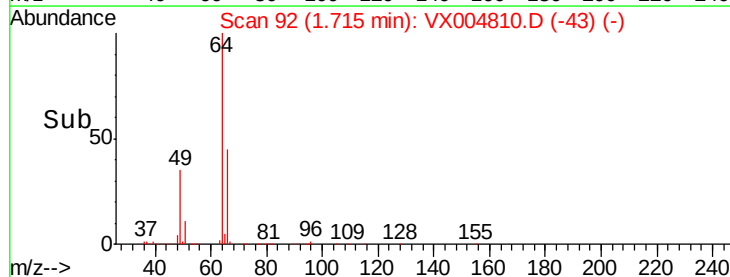
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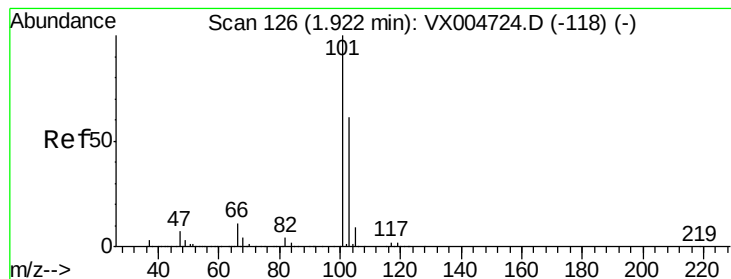
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20000

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Time-->



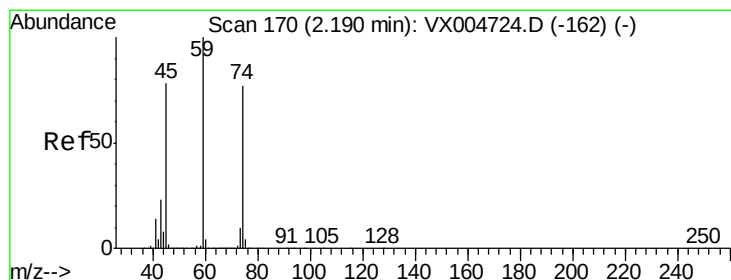
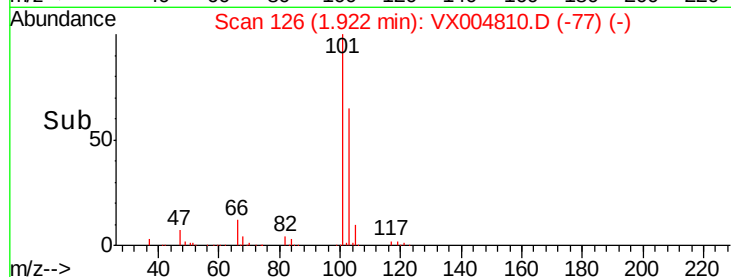
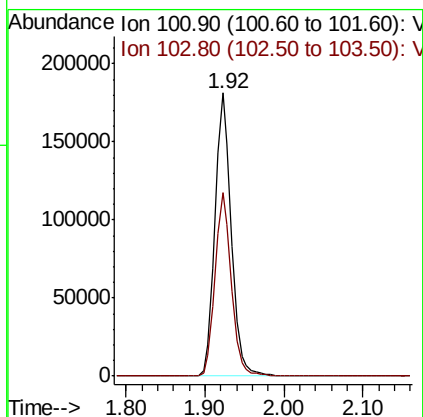
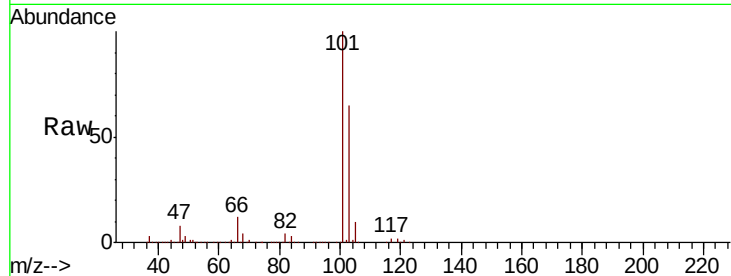


#7

Trichlorofluoromethane
 Concen: 56.702 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
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 VSTDCCC050EC

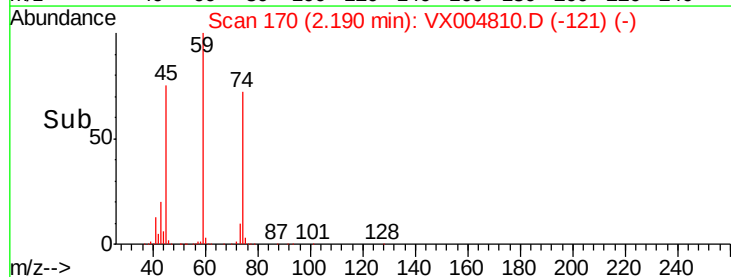
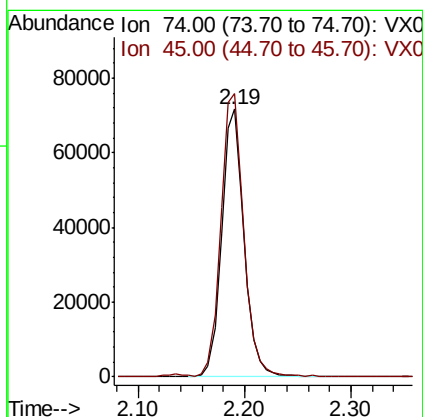
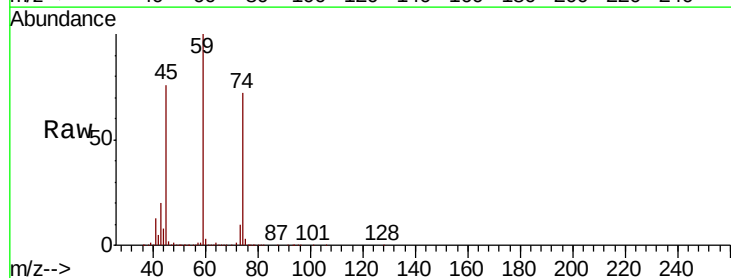
Tot Ion:101 Resp: 262211
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.9 73.3

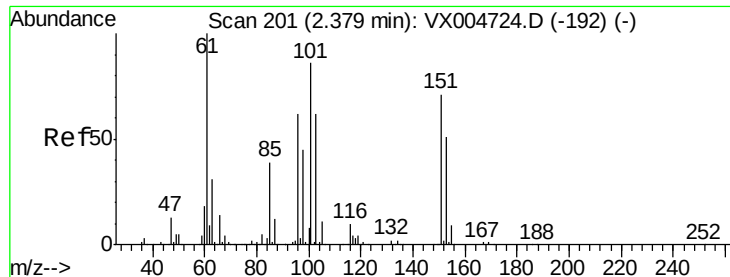


#8

Diethyl Ether
 Concen: 52.276 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 74 Resp: 105020
 Ion Ratio Lower Upper
 74 100
 45 107.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.942 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

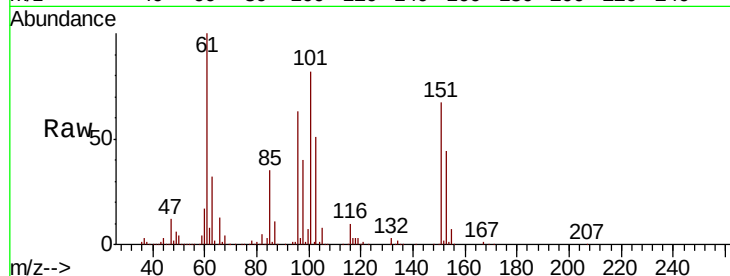
Tot Ion:101 Resp: 147360

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

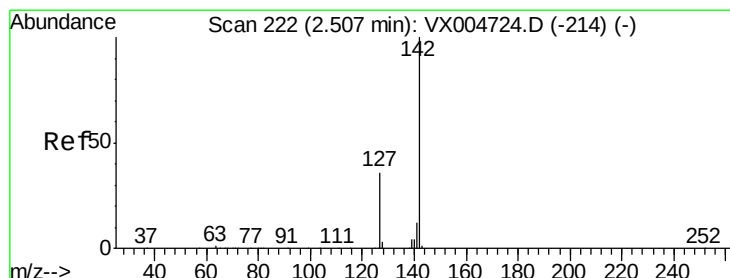
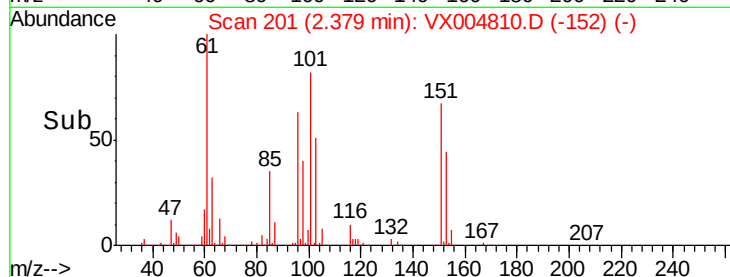
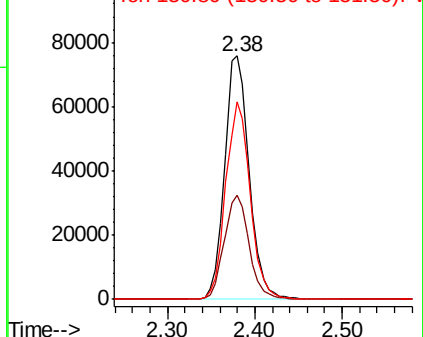
151 81.2 65.0 97.6



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: 28.878 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

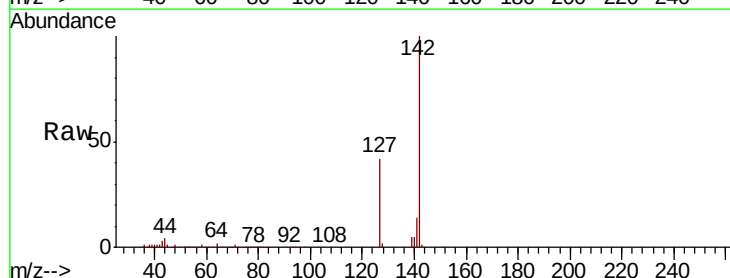
Tgt Ion:142 Resp: 101794

Ion Ratio Lower Upper

142 100

127 43.9 33.8 50.6

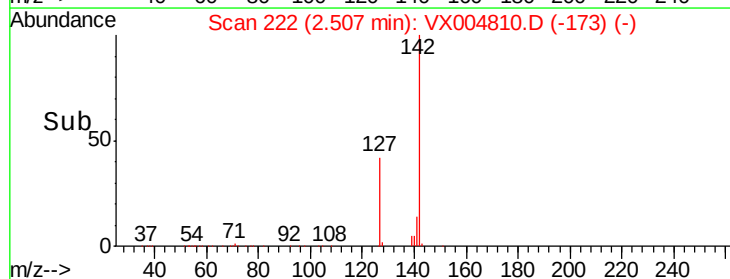
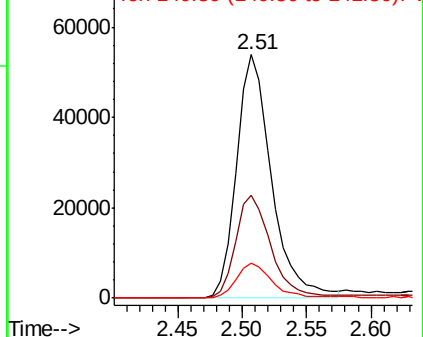
141 15.0 11.4 17.0

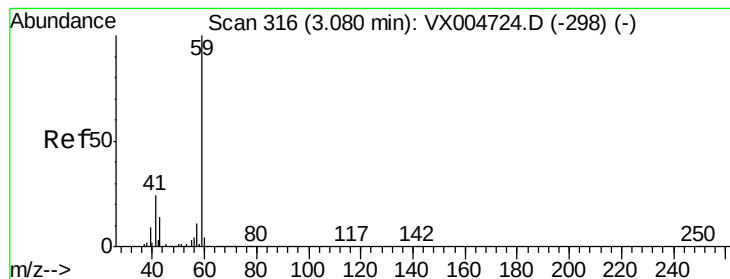


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



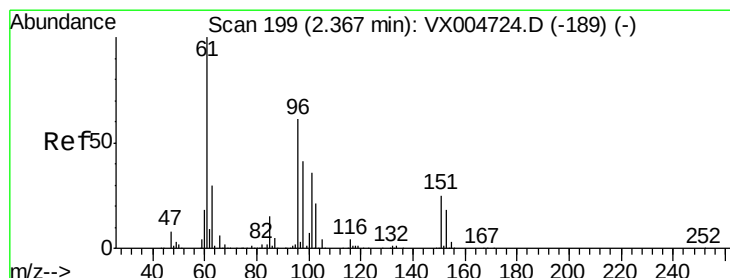
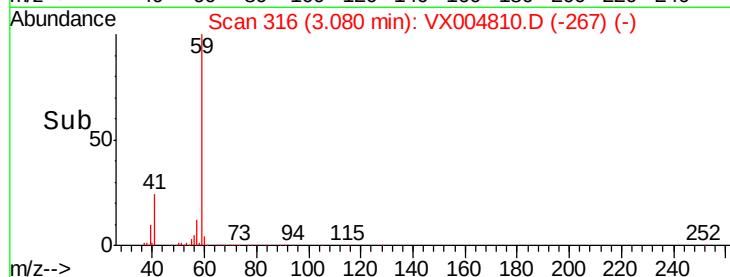
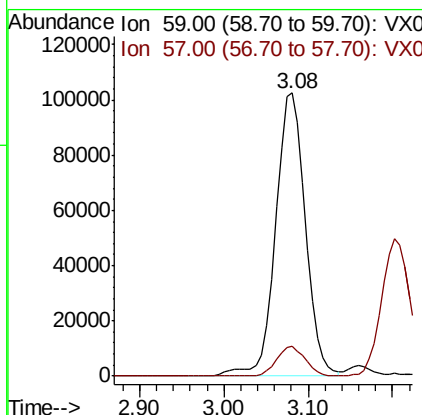
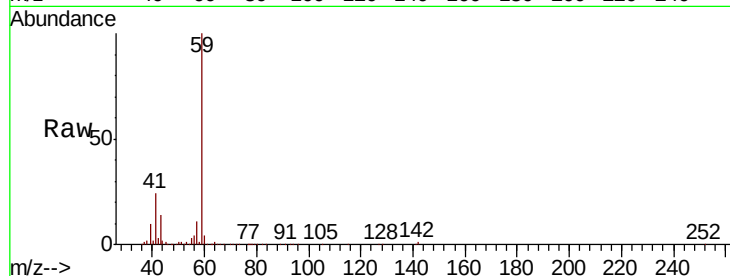


#11

Tert butyl alcohol
 Concen: 262.047 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

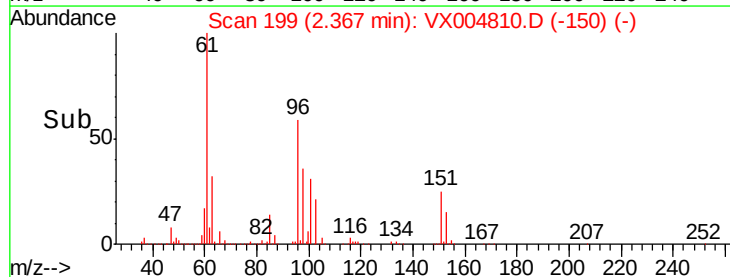
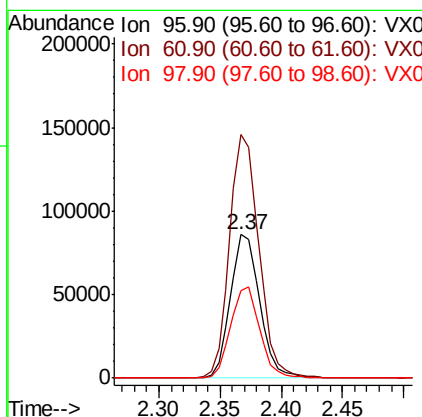
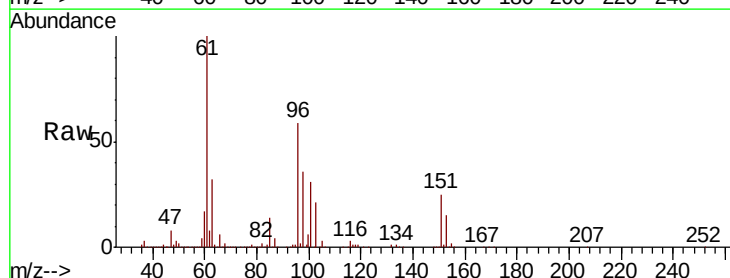
Tot Ion: 59 Resp: 251997
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

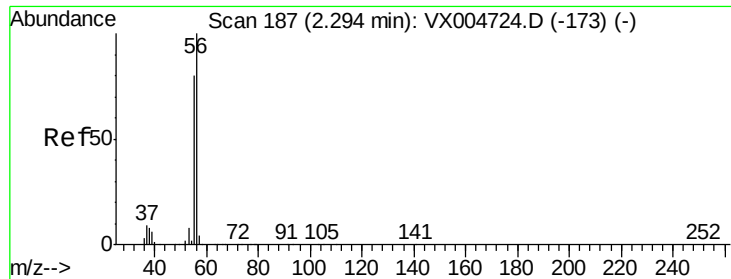


#12

1,1-Dichloroethene
 Concen: 54.463 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 96 Resp: 142078
 Ion Ratio Lower Upper
 96 100
 61 169.8 128.8 193.2
 98 61.3 52.2 78.2





#13

Acrolein

Concen: 206.655 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

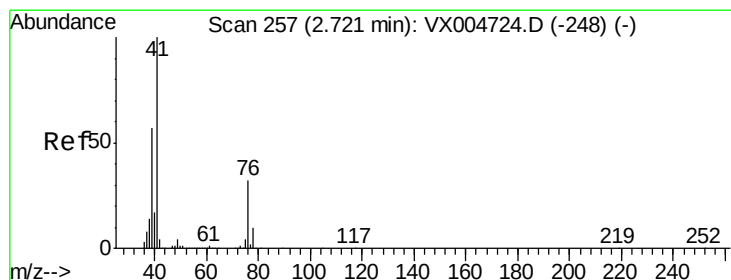
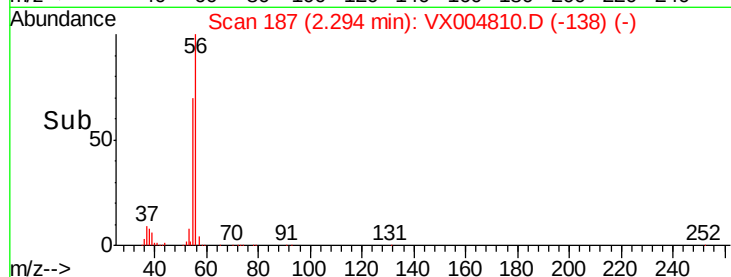
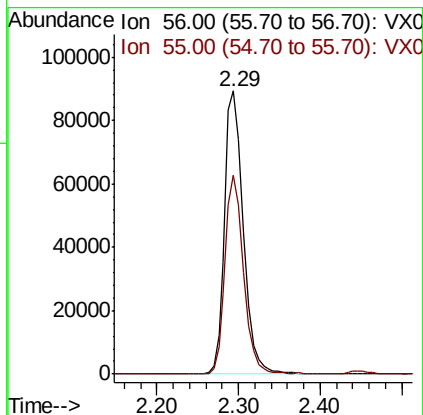
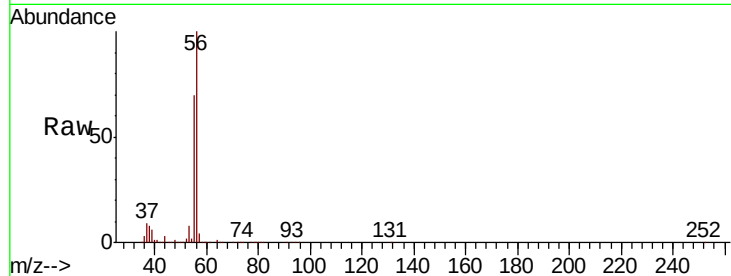
VSTDCCC050EC

Tot Ion: 56 Resp: 141395

Ion Ratio Lower Upper

56 100

55 69.5 54.7 82.1



#14

Allyl chloride

Concen: 53.136 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

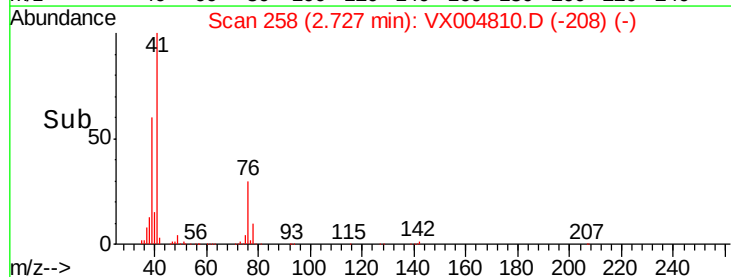
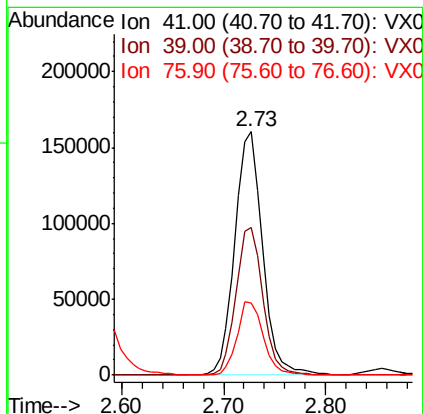
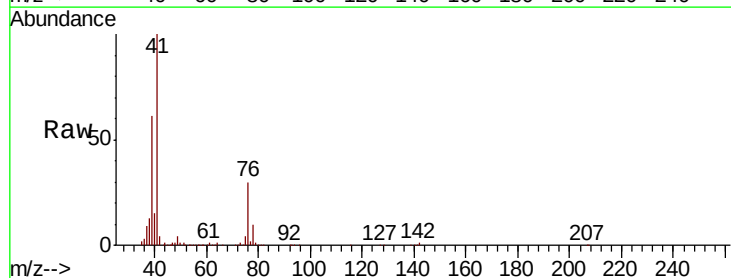
Tgt Ion: 41 Resp: 302447

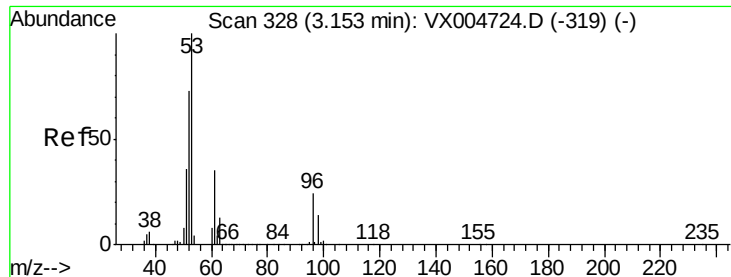
Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

76 28.1 26.7 40.1





#15

Acrylonitrile

Concen: 269.675 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

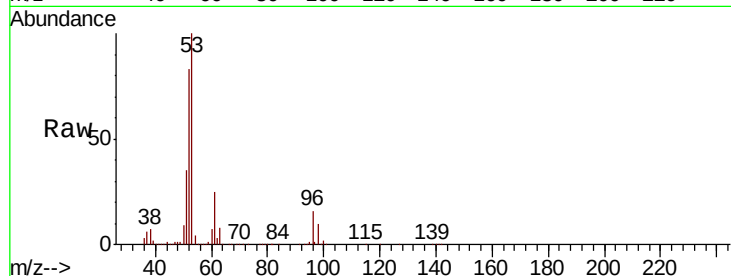
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 570890

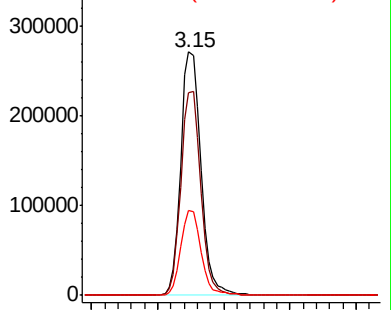
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	35.1	28.2	42.2



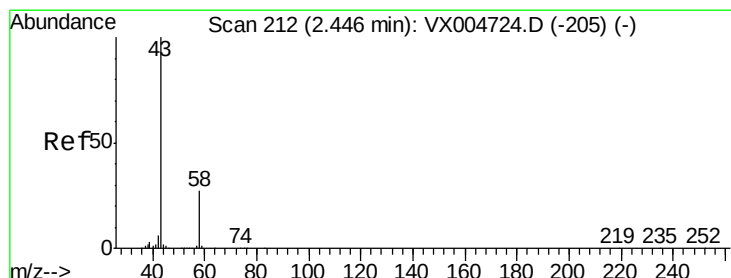
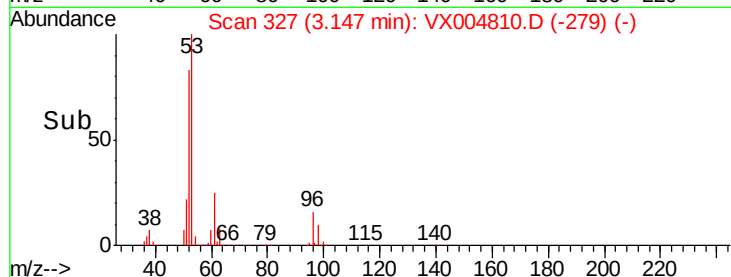
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 245.285 ug/l

RT: 2.45 min Scan# 212

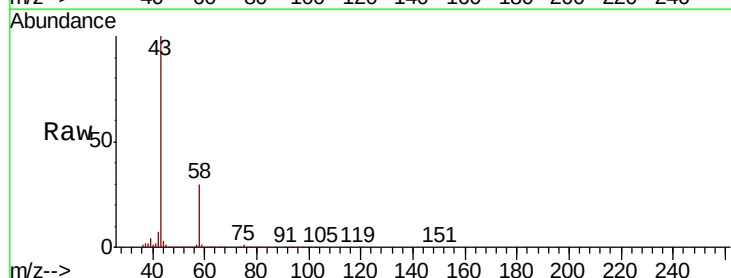
Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

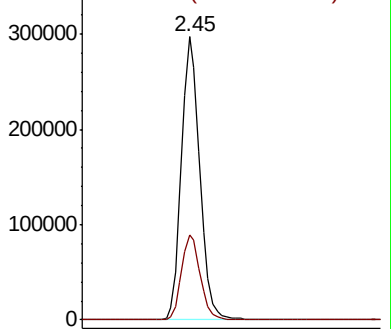
Tgt Ion: 43 Resp: 492510

Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.2	39.4

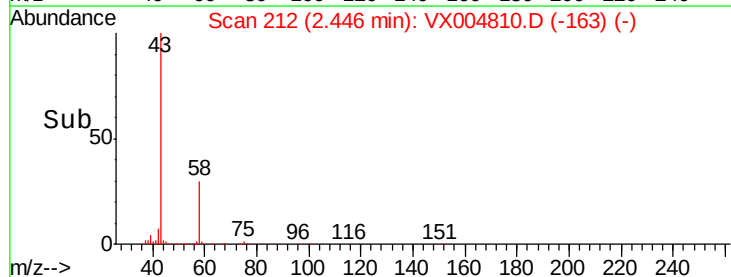


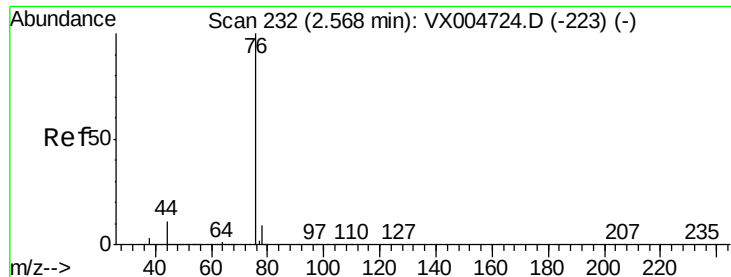
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 54.048 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

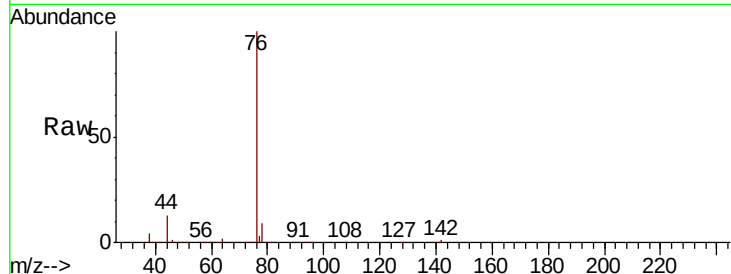
VSTDCCC050EC

Tot Ion: 76 Resp: 423678

Ion Ratio Lower Upper

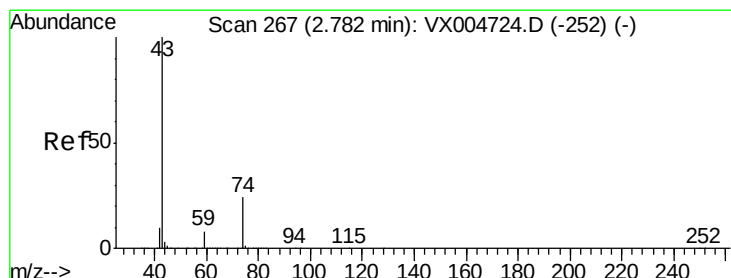
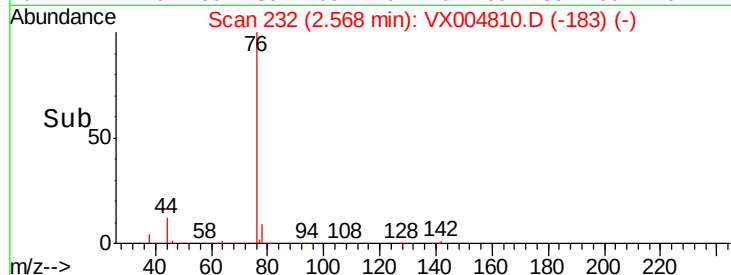
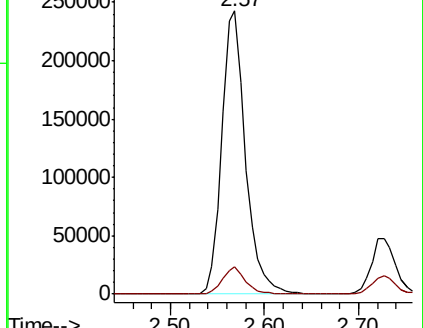
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.764 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004810.D

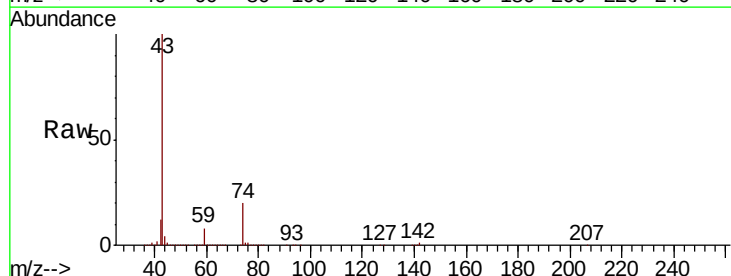
Acq: 28 Sep 2018 08:10

Tgt Ion: 43 Resp: 288773

Ion Ratio Lower Upper

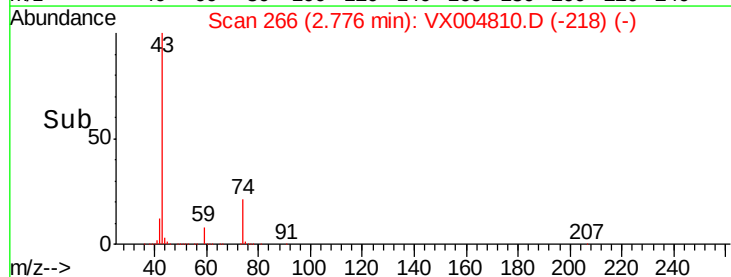
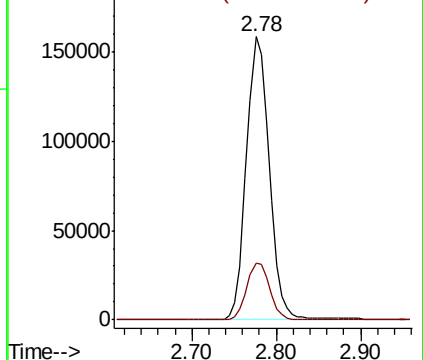
43 100

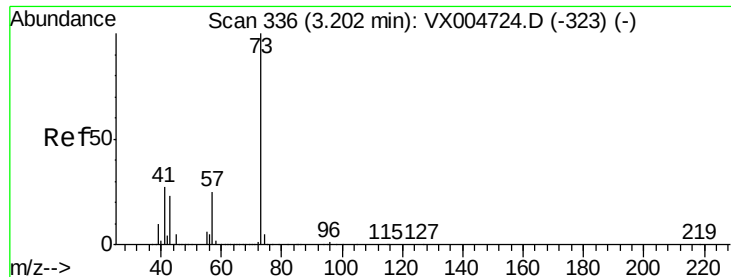
74 19.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



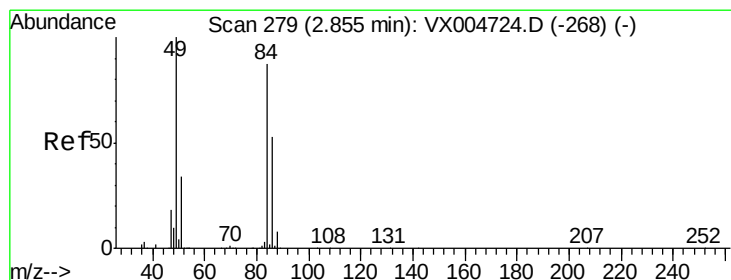
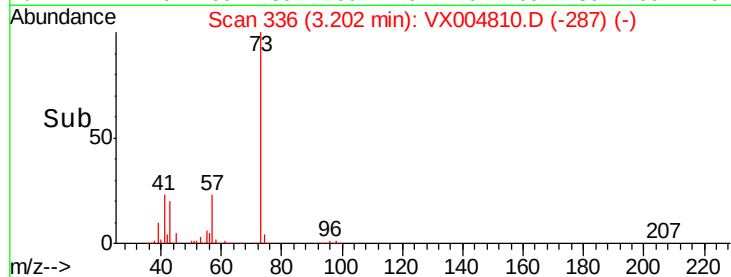
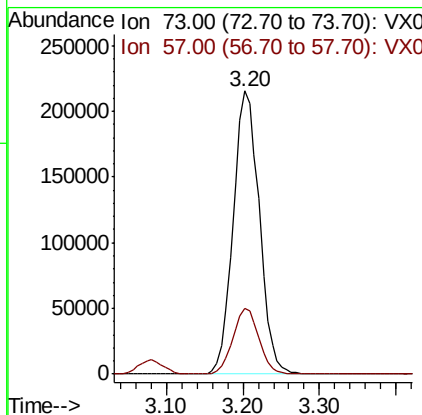
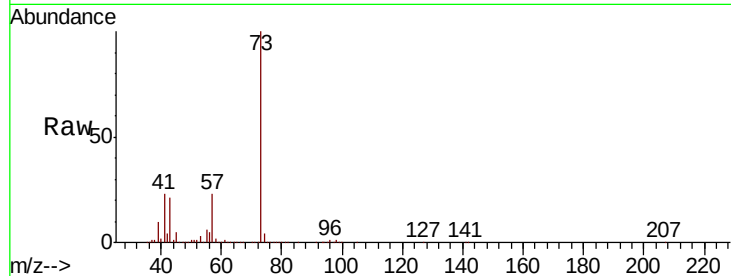


#19

Methyl tert-butyl Ether
 Concen: 56.561 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

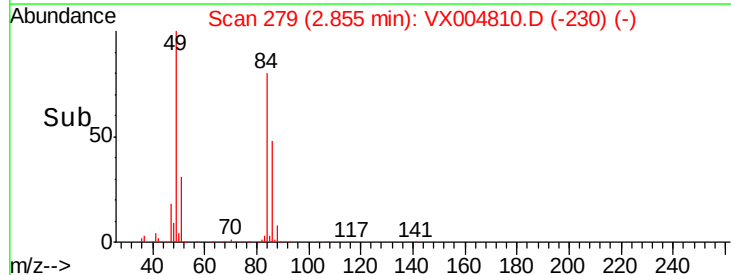
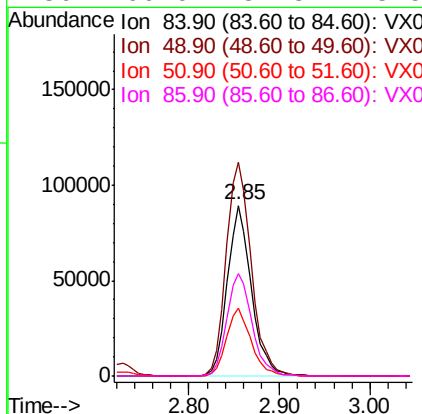
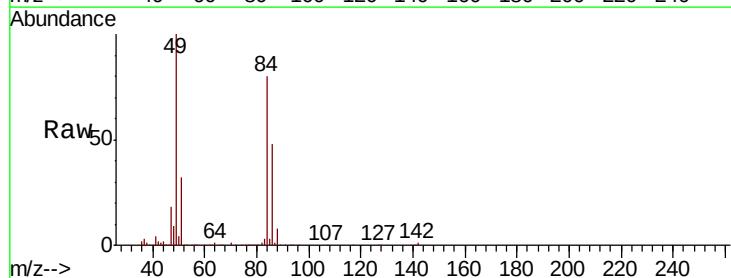
Tot Ion: 73 Resp: 508957
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.1 25.7

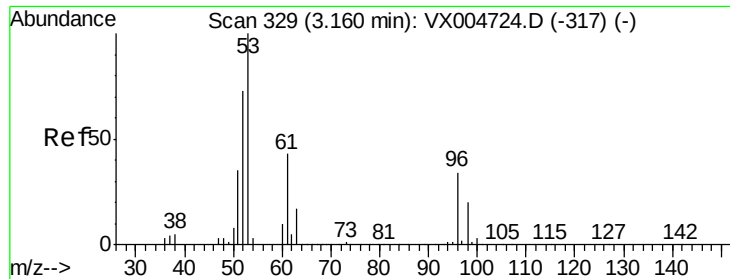


#20

Methylene Chloride
 Concen: 56.059 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 84 Resp: 163361
 Ion Ratio Lower Upper
 84 100
 49 125.2 101.2 151.8
 51 39.5 29.5 44.3
 86 60.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 54.458 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

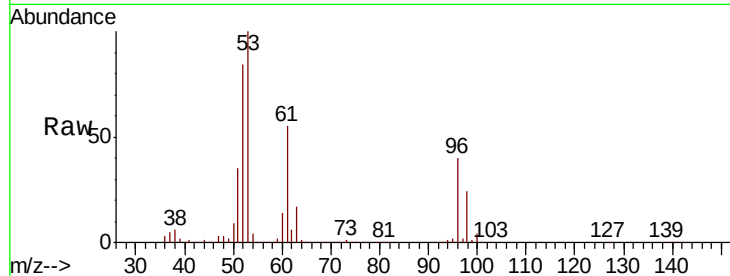
Tot Ion: 96 Resp: 155516

Ion Ratio Lower Upper

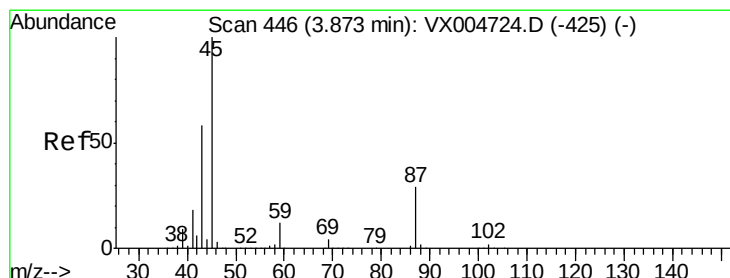
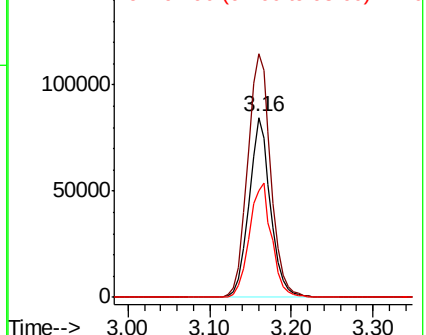
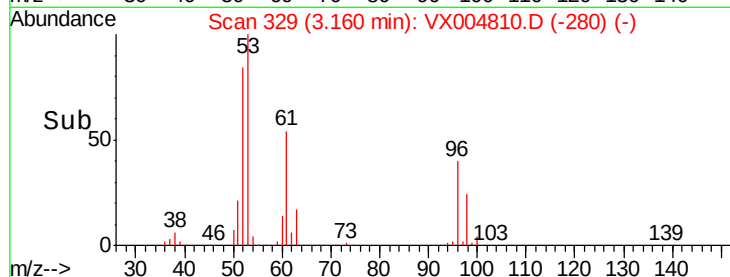
96 100

61 135.1 113.8 170.6

98 59.1 51.8 77.8



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: 55.608 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion: 45 Resp: 532990

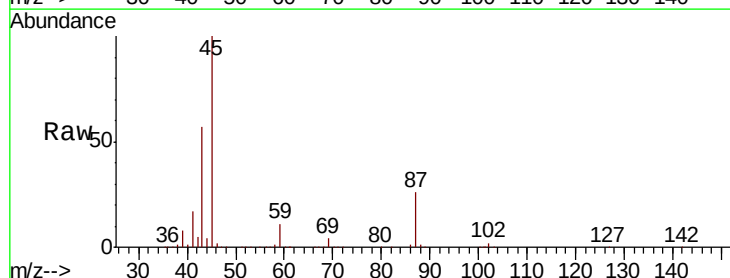
Ion Ratio Lower Upper

45 100

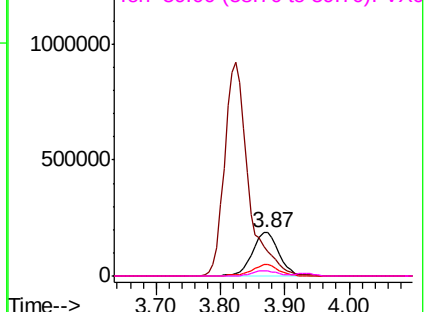
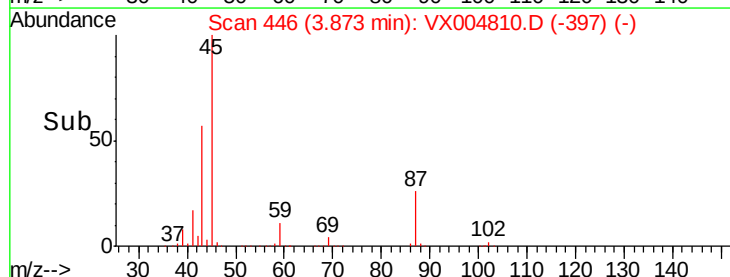
43 57.2 42.8 64.2

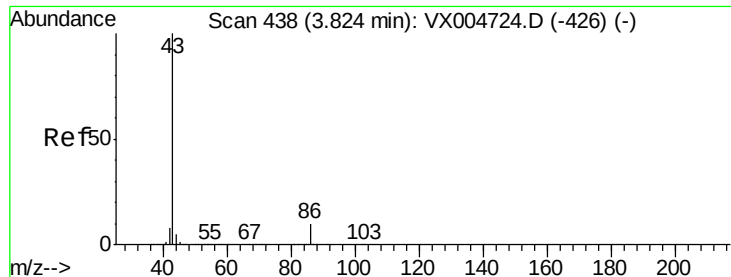
87 26.3 22.6 34.0

59 11.4 9.6 14.4



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: 274.739 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

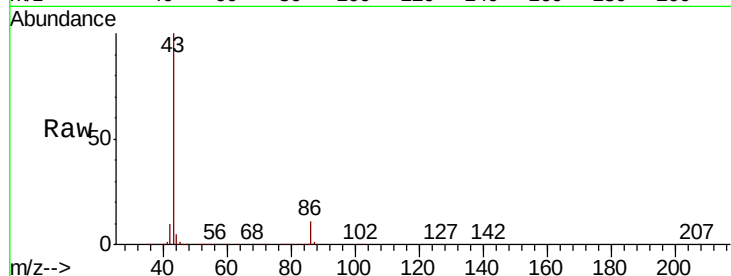
VSTDCCC050EC

Tot Ion: 43 Resp: 2410436

Ion Ratio Lower Upper

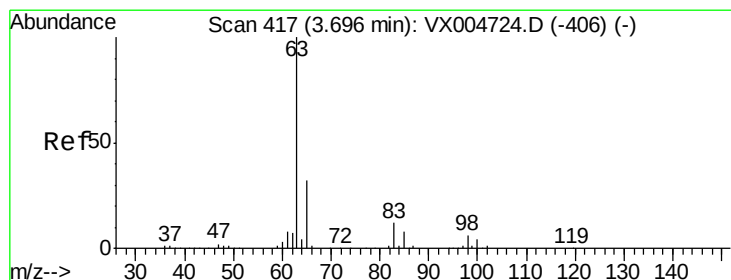
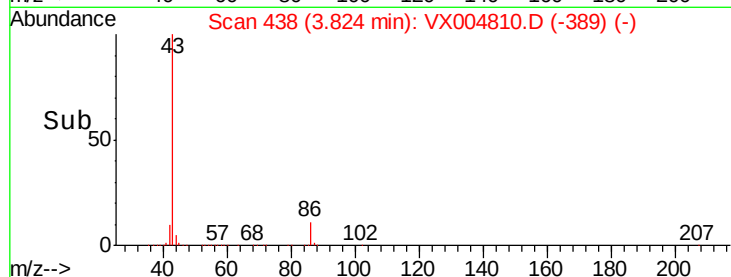
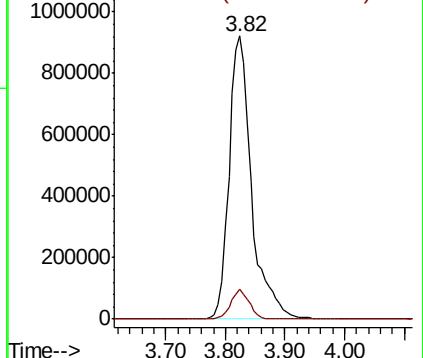
43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.512 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

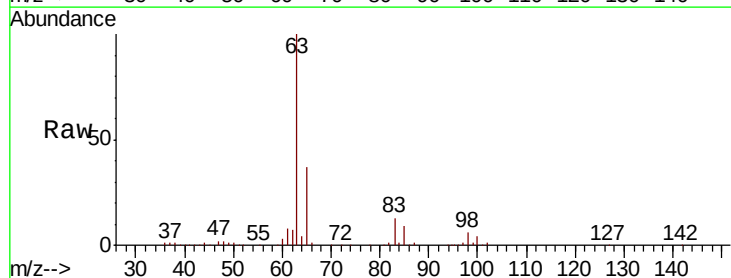
Tgt Ion: 63 Resp: 300237

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

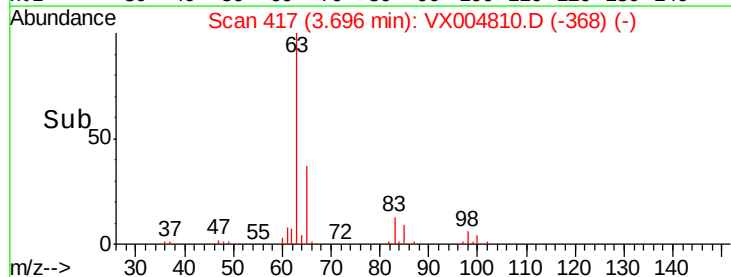
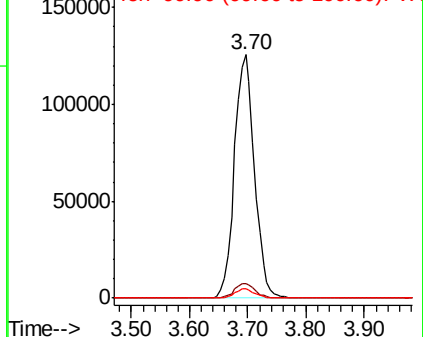
100 3.9 2.4 7.1

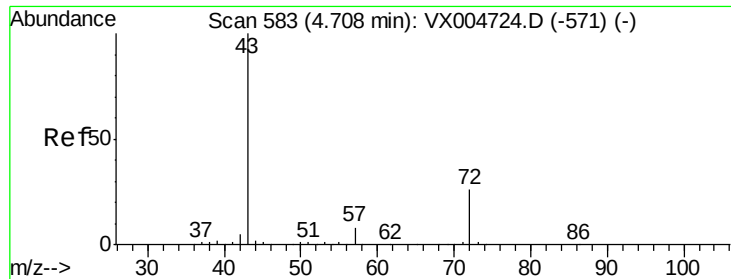


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.533 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

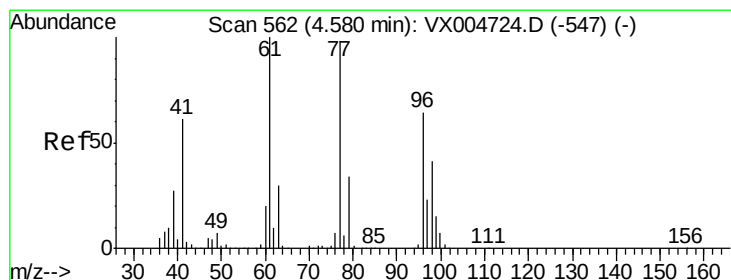
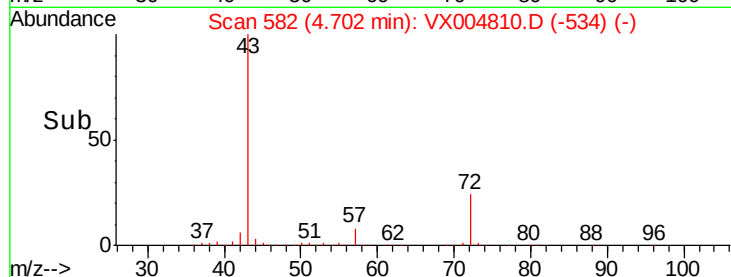
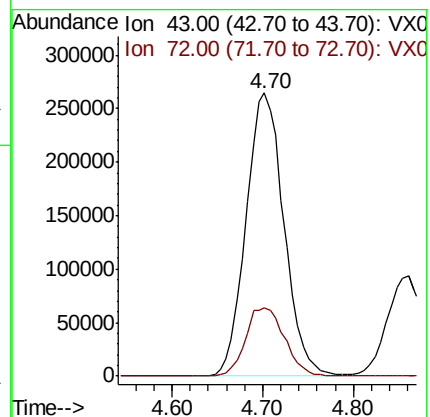
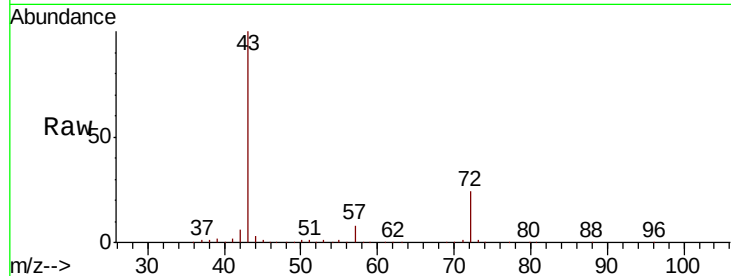
VSTDCCC050EC

Tot Ion: 43 Resp: 765183

Ion Ratio Lower Upper

43 100

72 24.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 33.780 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004810.D

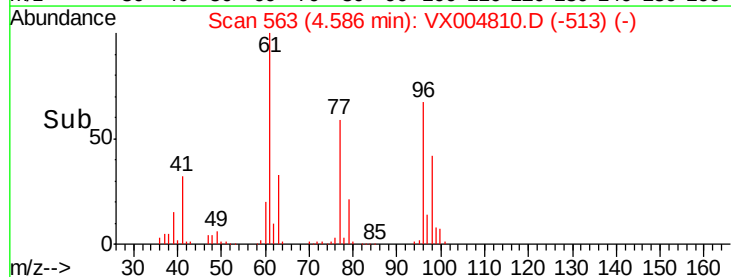
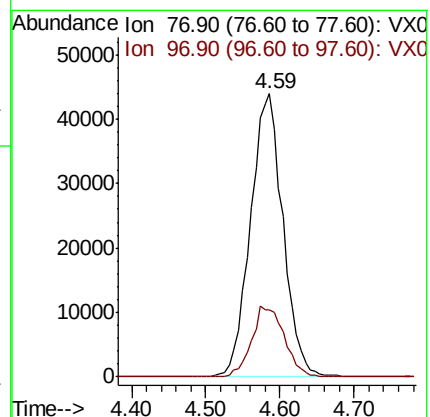
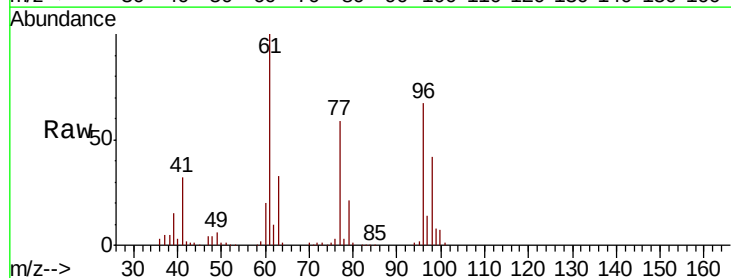
Acq: 28 Sep 2018 08:10

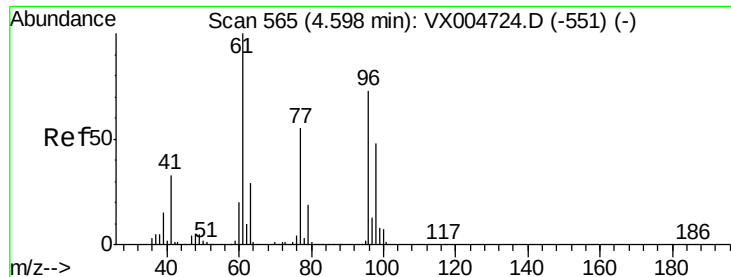
Tgt Ion: 77 Resp: 134491

Ion Ratio Lower Upper

77 100

97 25.1 11.7 35.0



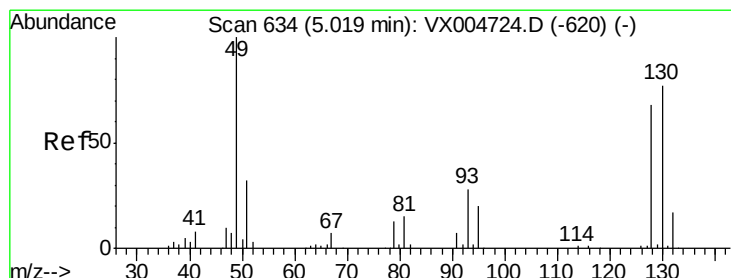
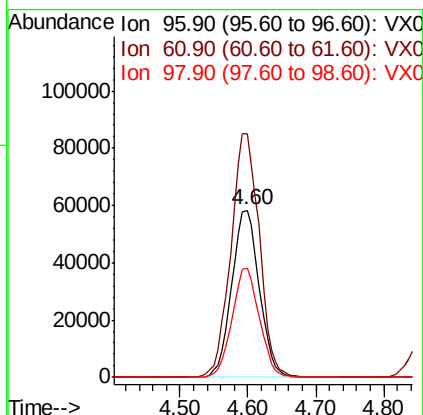
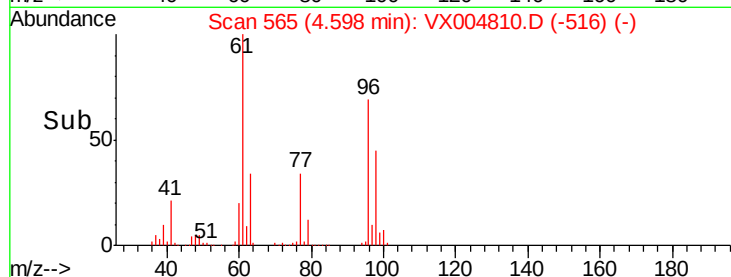
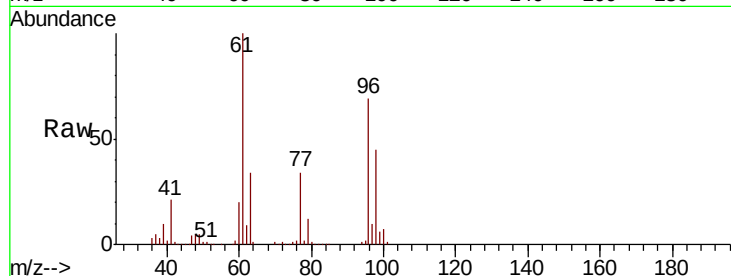


#27

cis-1,2-Dichloroethene
 Concen: 51.519 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

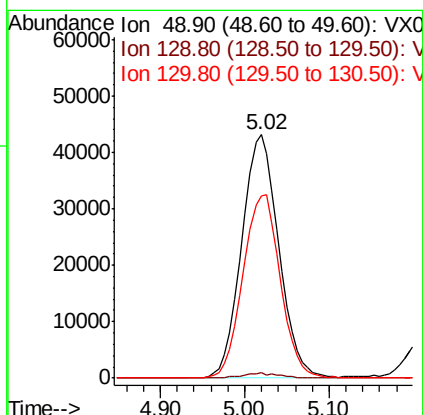
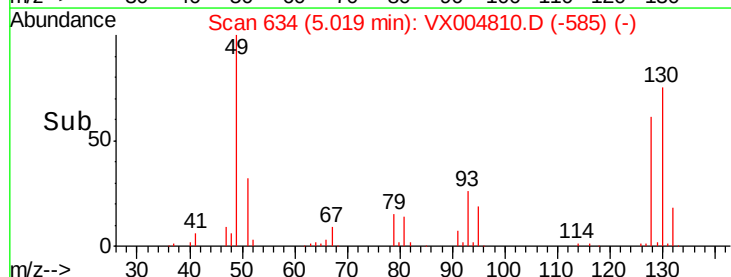
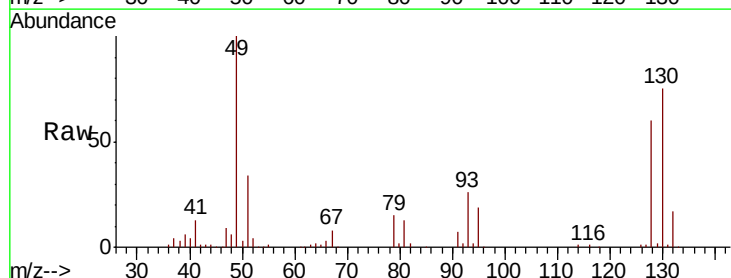
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	282.6
98	64.4	0.0	130.2

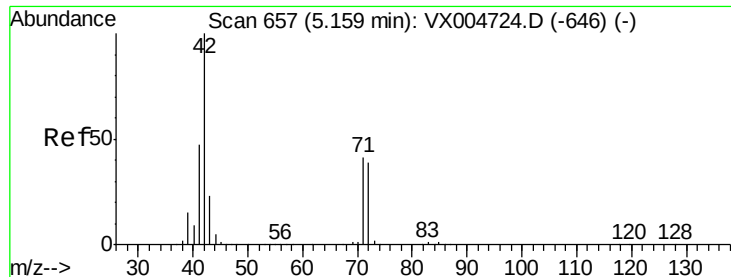


#28

Bromochloromethane
 Concen: 47.843 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.9	67.5	101.3





#29

Tetrahydrofuran

Concen: 268.840 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

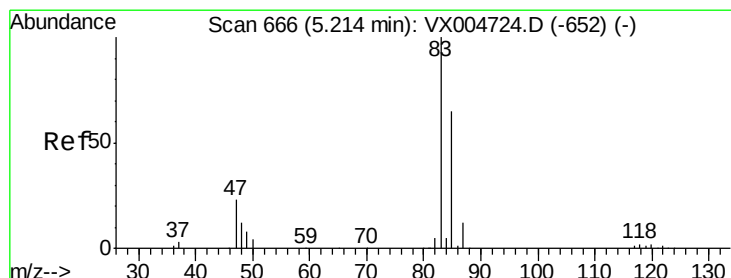
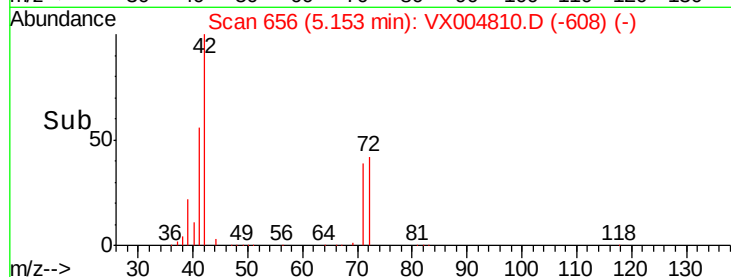
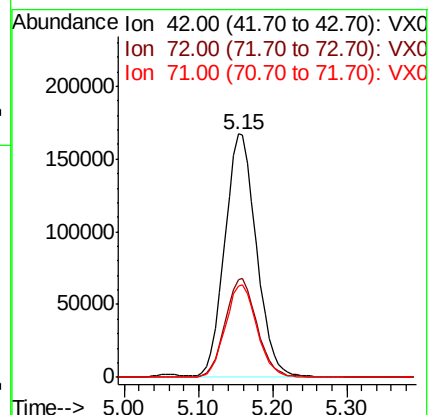
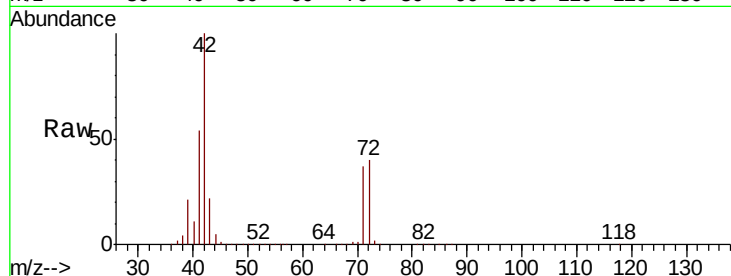
Tot Ion: 42 Resp: 494550

Ion Ratio Lower Upper

42 100

72 41.0 37.4 56.0

71 38.1 34.5 51.7



#30

Chloroform

Concen: 50.416 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004810.D

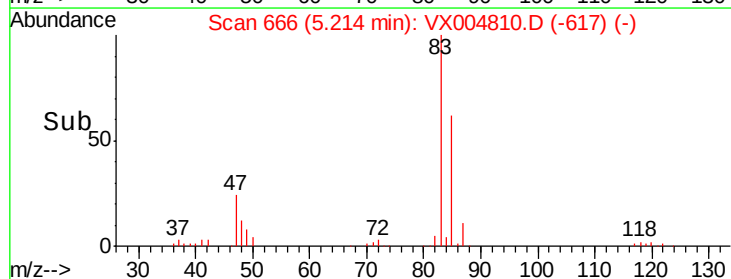
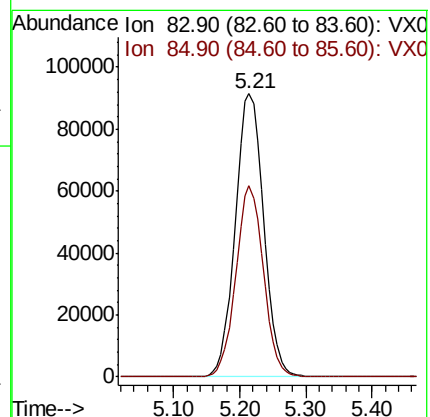
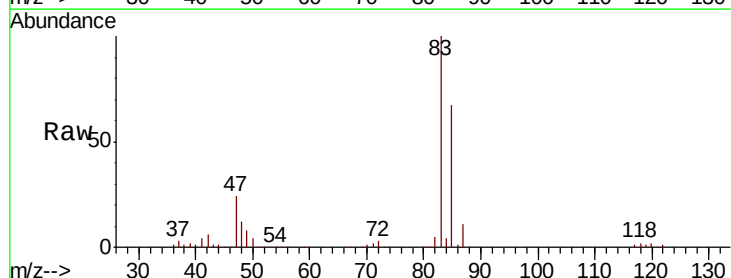
Acq: 28 Sep 2018 08:10

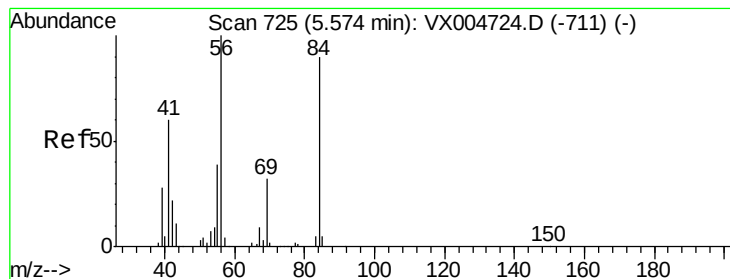
Tgt Ion: 83 Resp: 272424

Ion Ratio Lower Upper

83 100

85 67.5 52.6 79.0





#31

Cyclohexane

Concen: 58.955 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

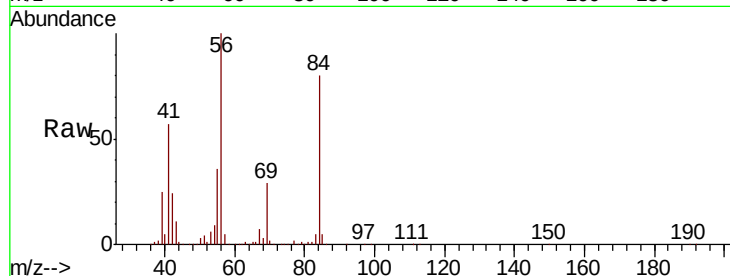
Tot Ion: 56 Resp: 257986

Ion Ratio Lower Upper

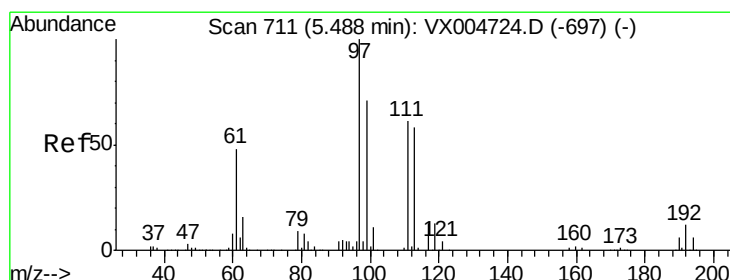
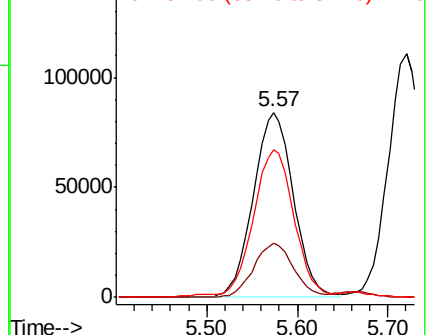
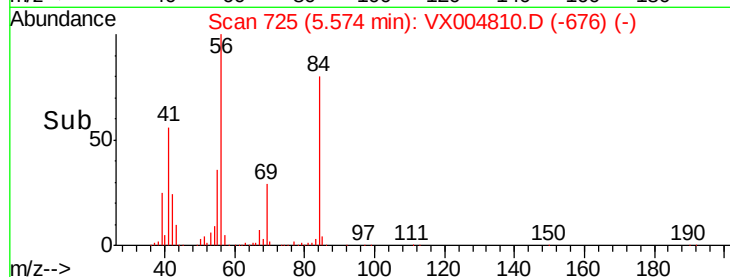
56 100

69 29.0 25.4 38.2

84 79.0 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.302 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

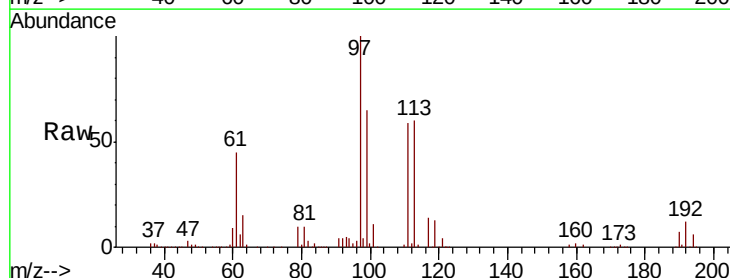
Tgt Ion: 97 Resp: 235219

Ion Ratio Lower Upper

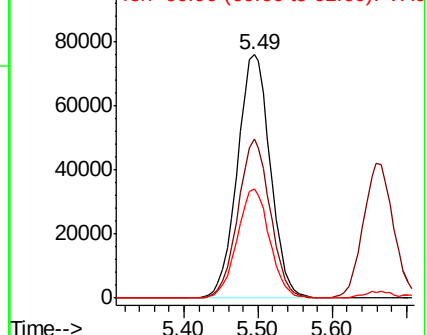
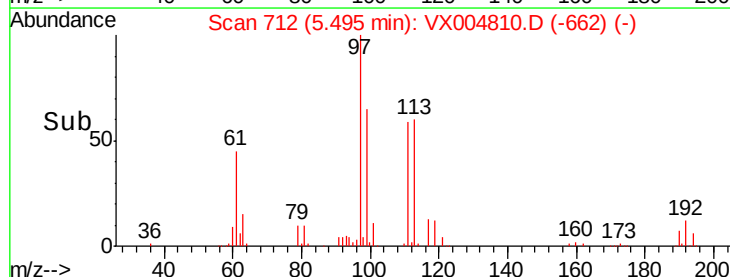
97 100

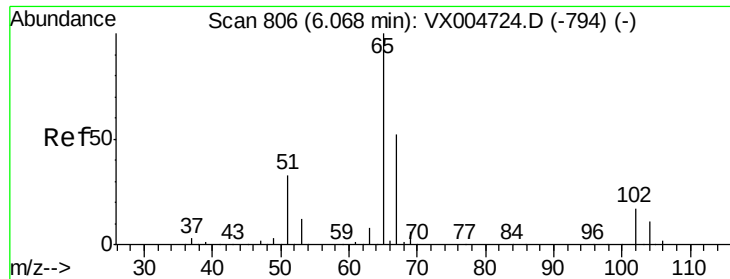
99 63.9 52.0 78.0

61 44.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

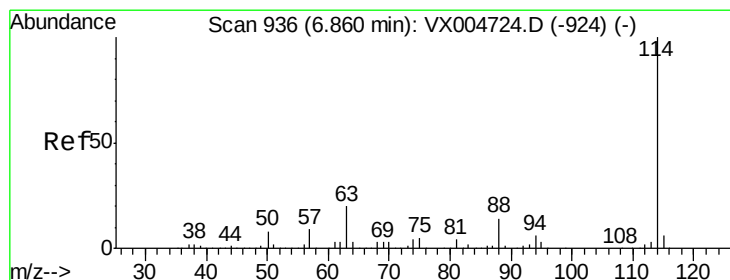
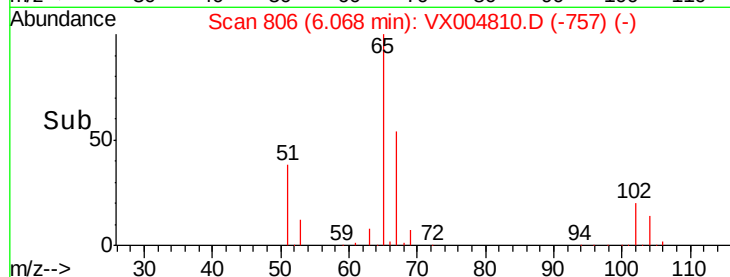
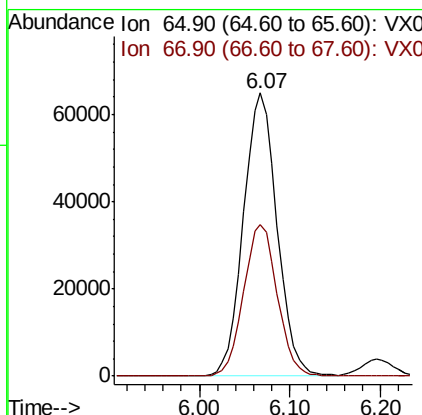
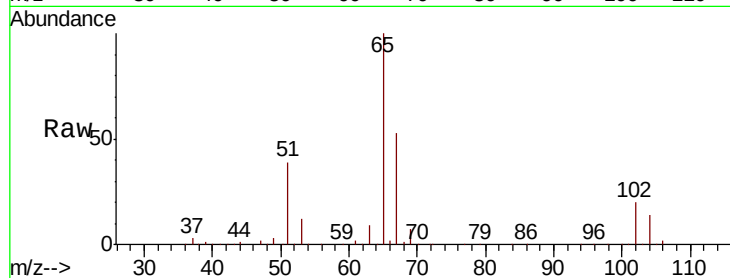




#33
 1,2-Dichloroethane-d4
 Concen: 48.562 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

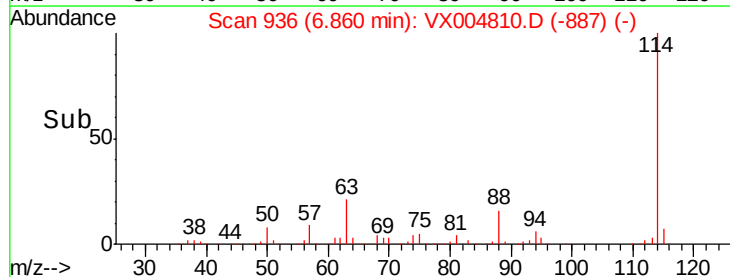
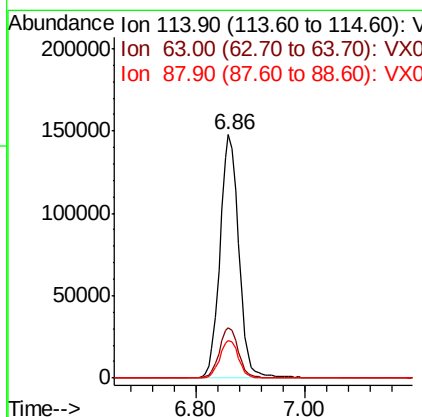
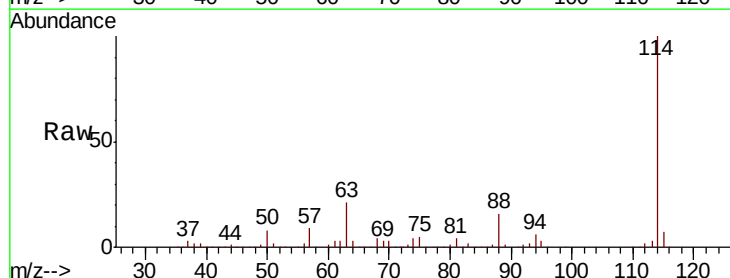
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

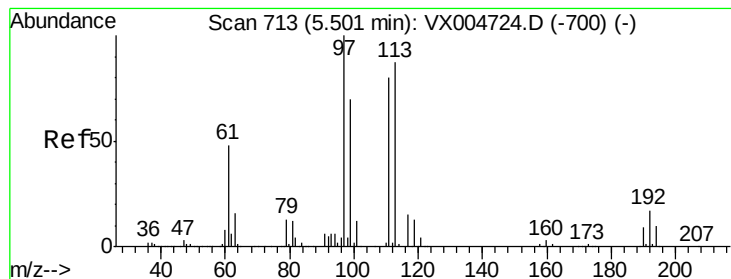
Tot Ion: 65 Resp: 167018
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 114 Resp: 355416
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 44.933 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

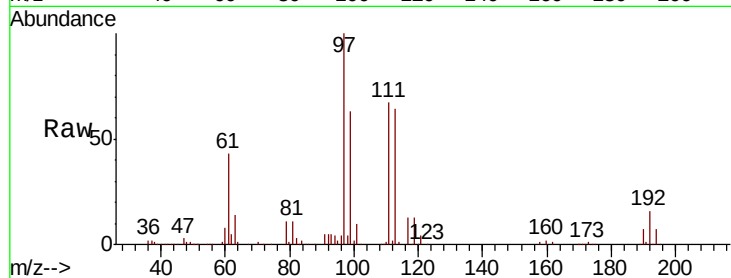
Tot Ion:113 Resp: 135347

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

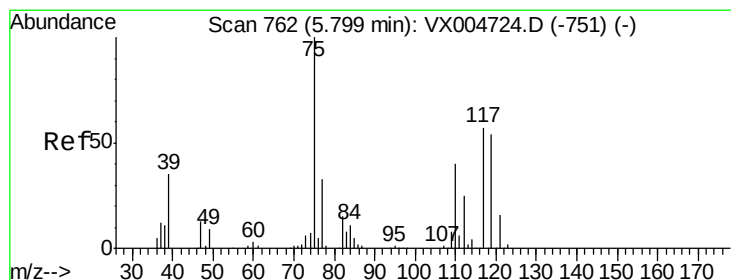
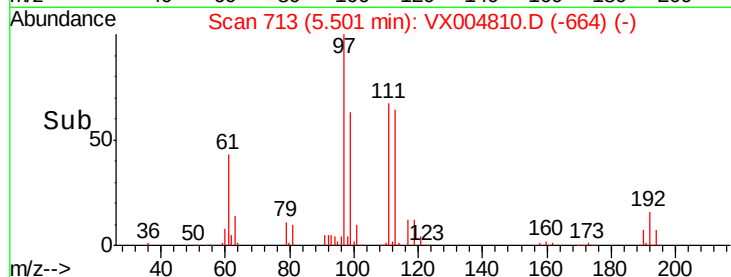
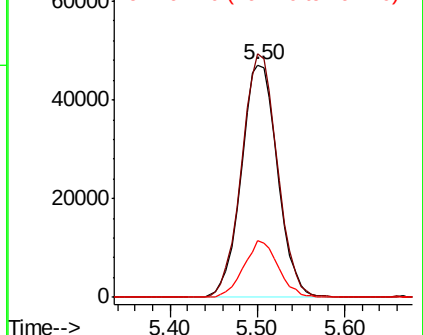
192 23.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.998 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

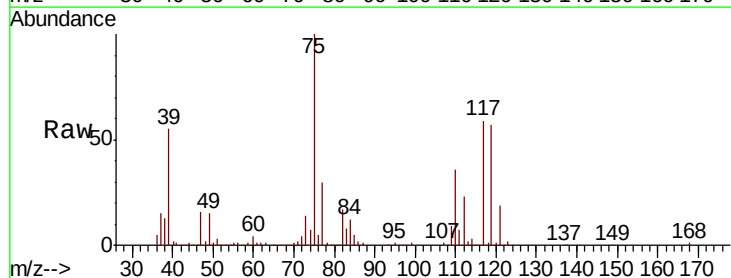
Tgt Ion: 75 Resp: 205478

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

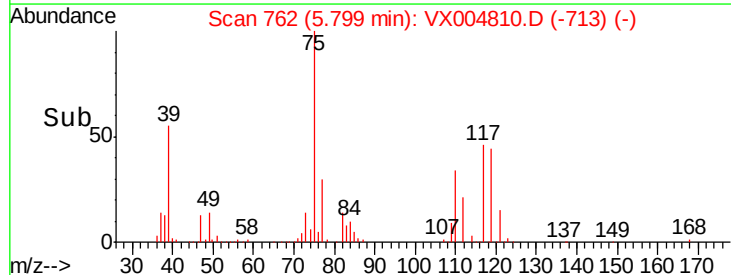
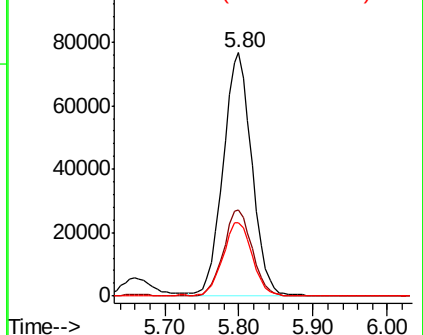
77 30.8 24.6 36.8

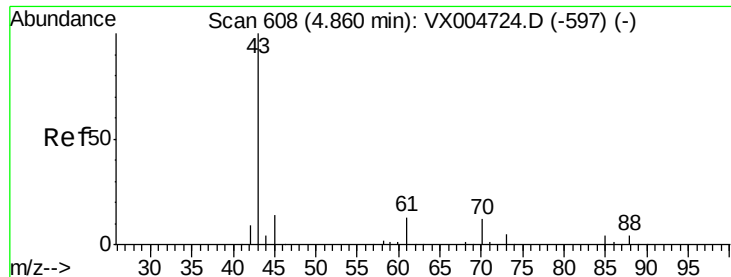


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.568 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

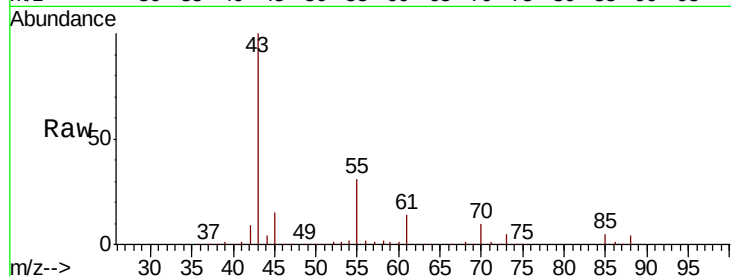
Tot Ion: 43 Resp: 270409

Ion Ratio Lower Upper

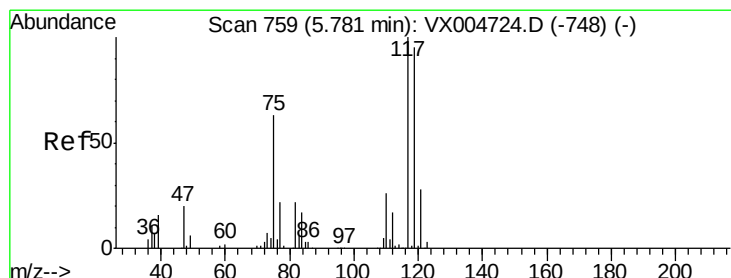
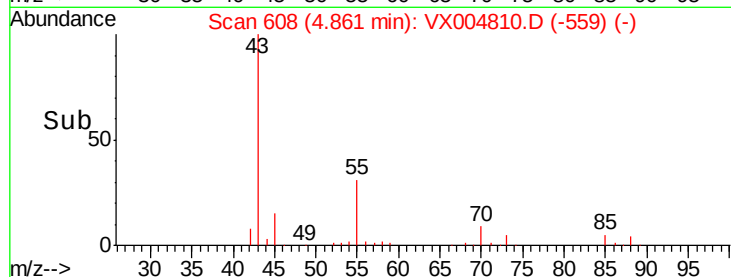
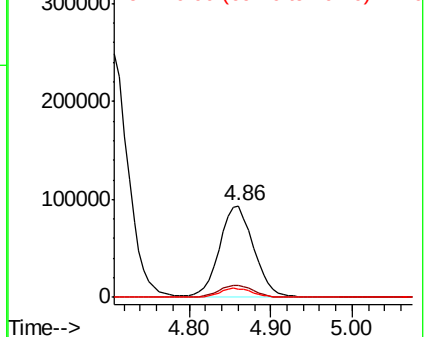
43 100

61 13.5 11.5 17.3

70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.019 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

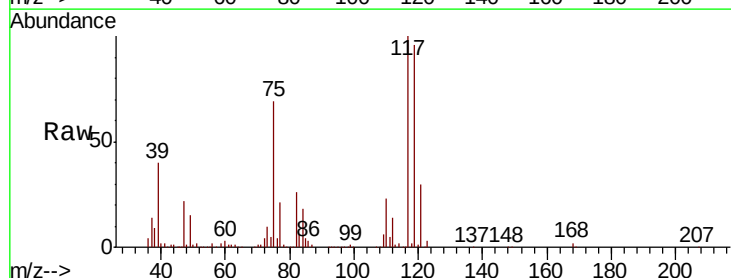
Tgt Ion: 117 Resp: 207445

Ion Ratio Lower Upper

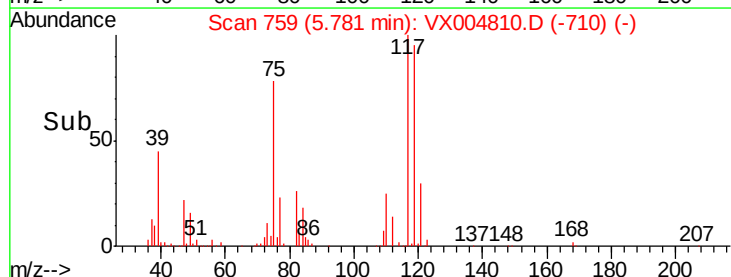
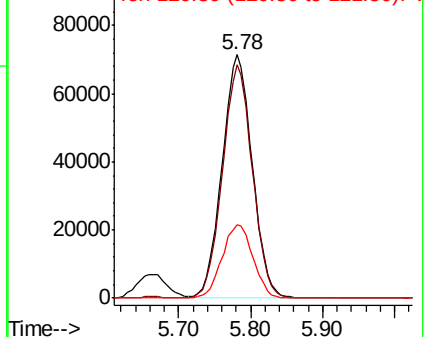
117 100

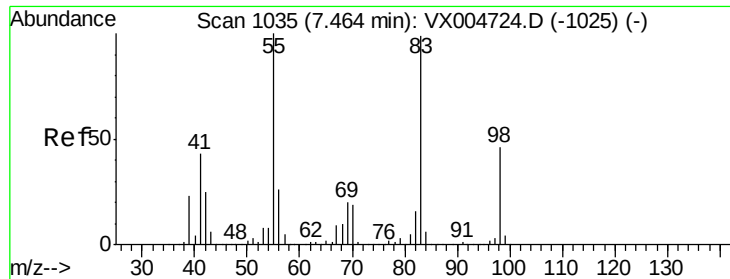
119 95.8 78.8 118.2

121 30.4 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

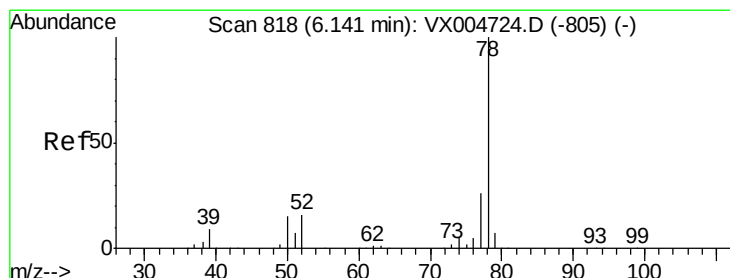
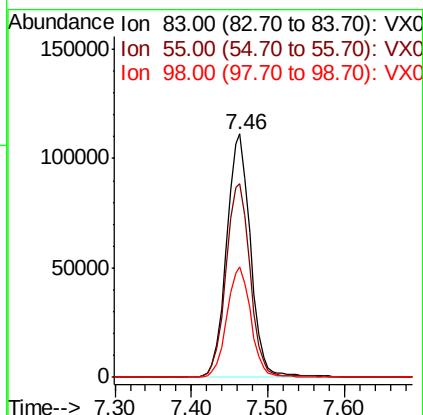
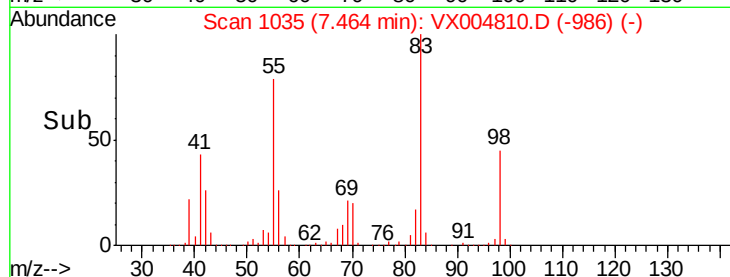
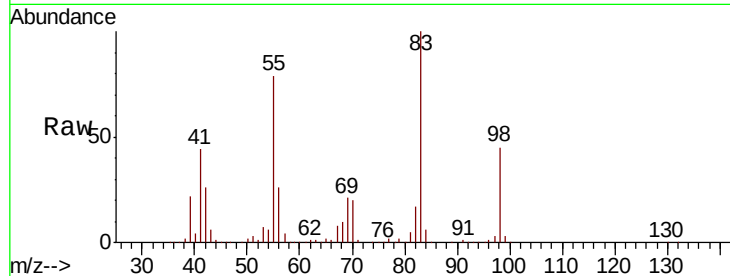




#39
Methylvlcyclohexane
Concen: 57.552 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

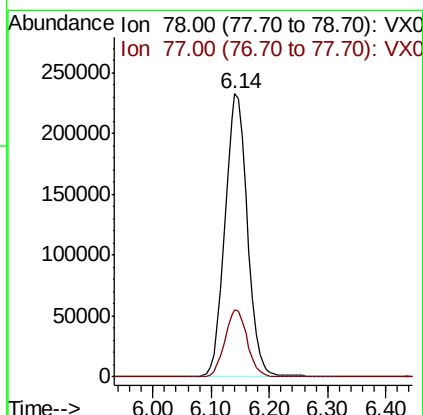
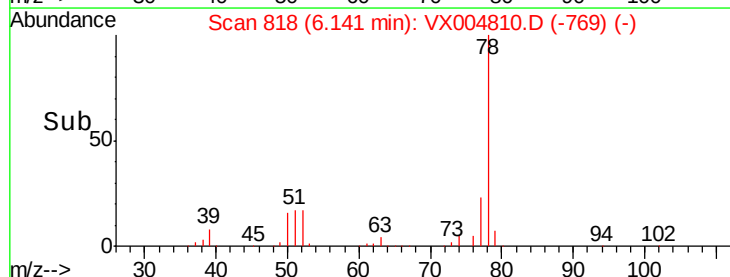
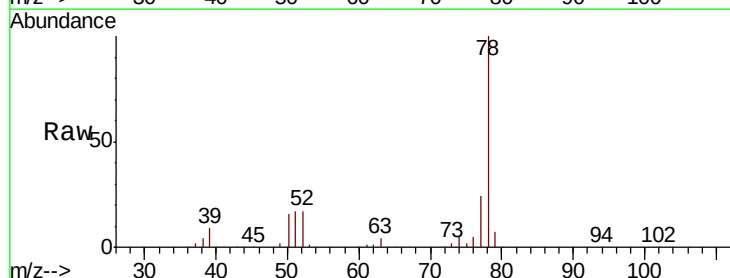
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

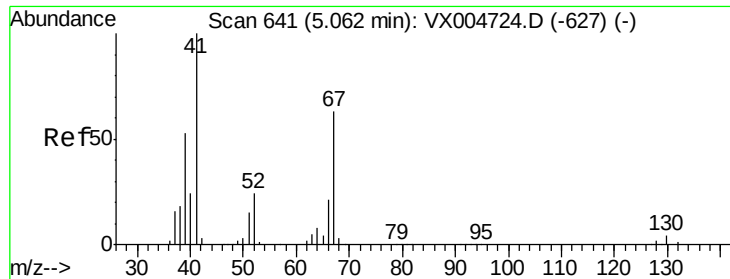
Tot Ion: 83 Resp: 241516
Ion Ratio Lower Upper
83 100
55 79.4 61.0 91.4
98 45.3 39.6 59.4



#40
Benzene
Concen: 48.432 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 78 Resp: 623145
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

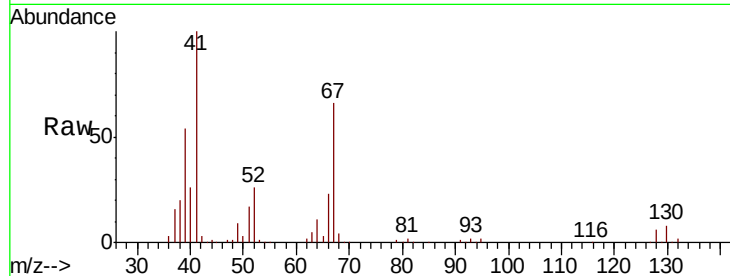




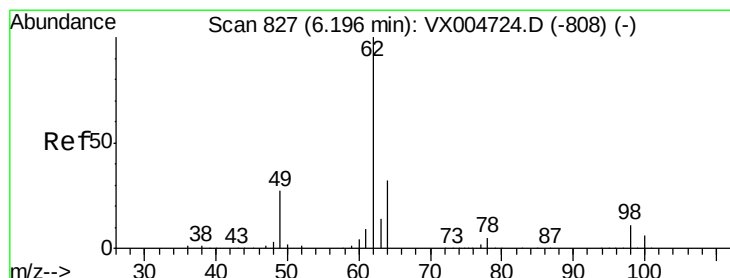
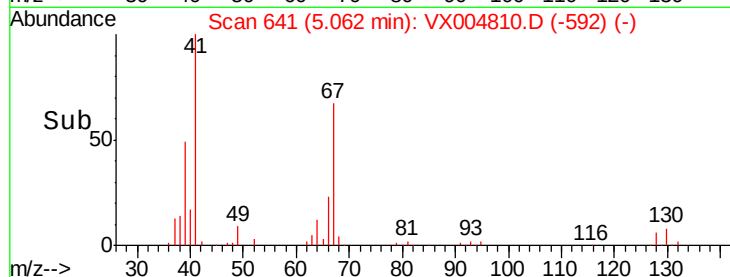
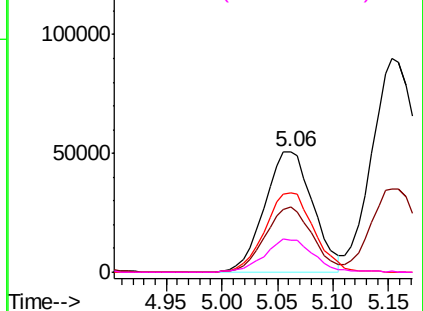
#41
Methacrylonitrile
Concen: 50.475 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	152707
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	67.0	59.2	88.8
52	27.3	23.0	34.4

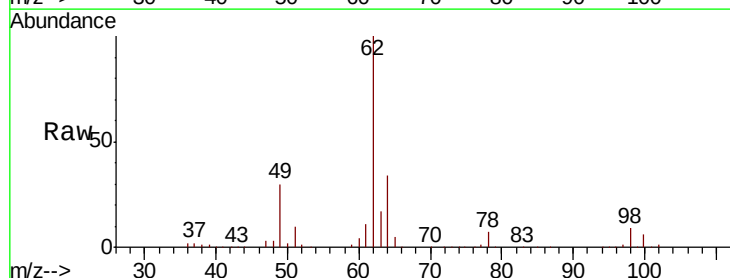


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

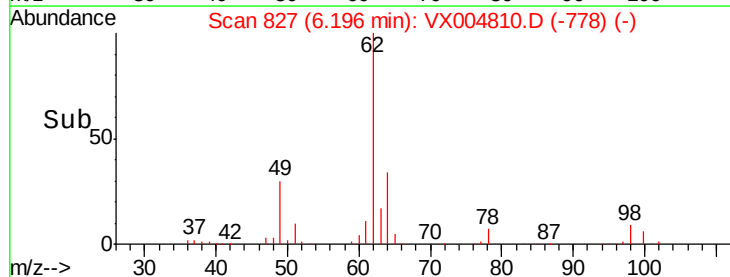
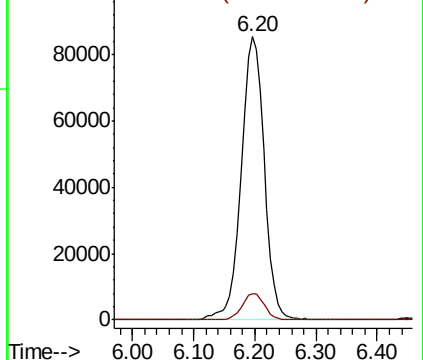


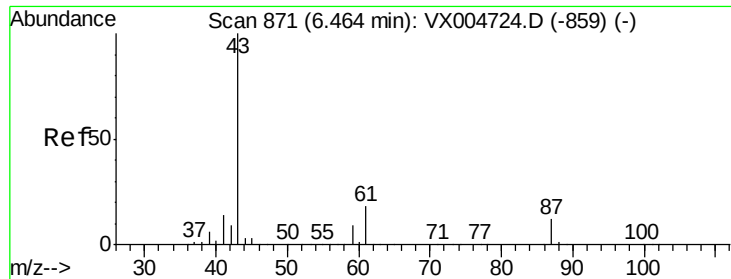
#42
1,2-Dichloroethane
Concen: 49.158 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:	62	Resp:	223589
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.800 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

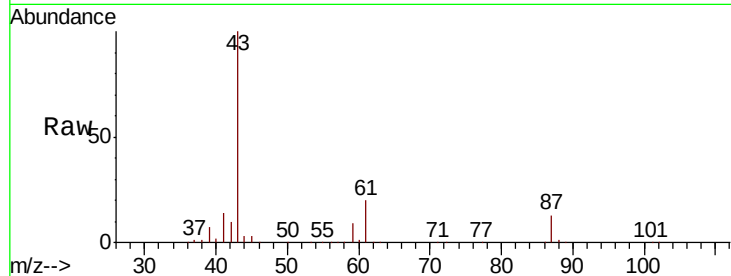
Tot Ion: 43 Resp: 407870

Ion Ratio Lower Upper

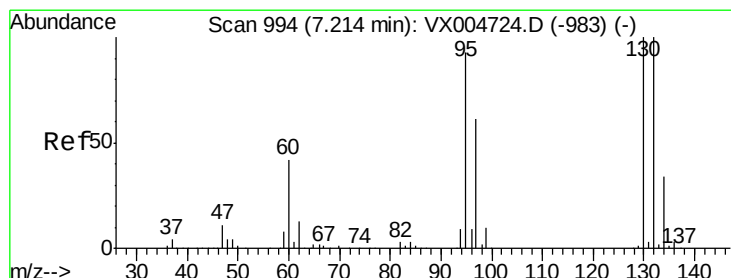
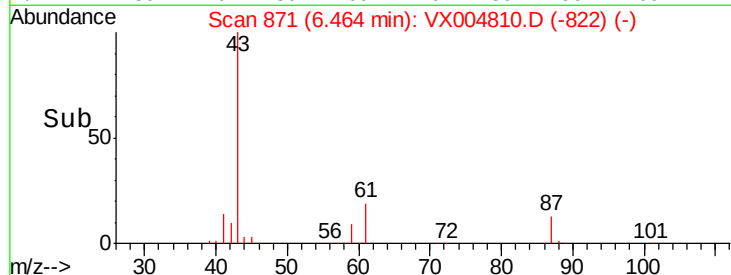
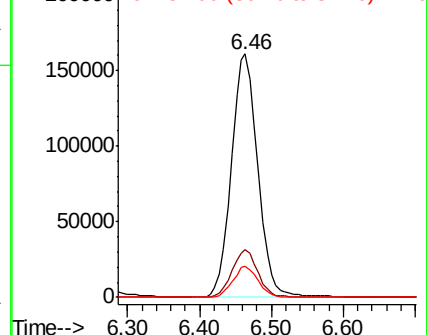
43 100

61 19.5 17.0 25.4

87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.093 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004810.D

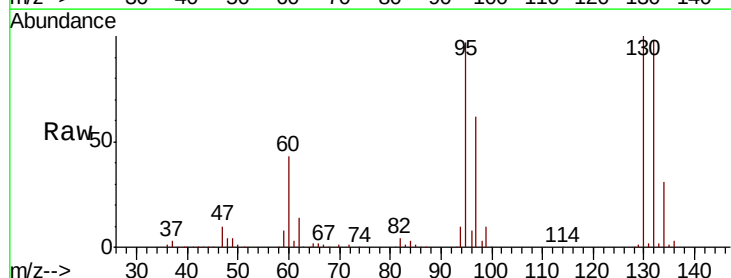
Acq: 28 Sep 2018 08:10

Tgt Ion:130 Resp: 164768

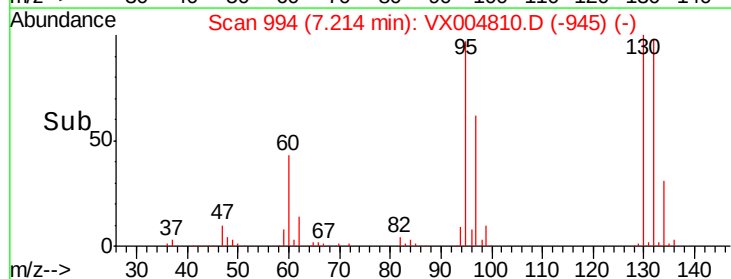
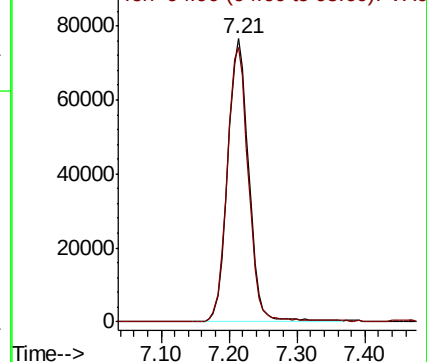
Ion Ratio Lower Upper

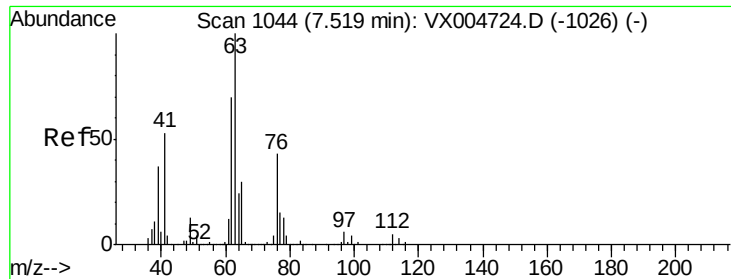
130 100

95 96.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

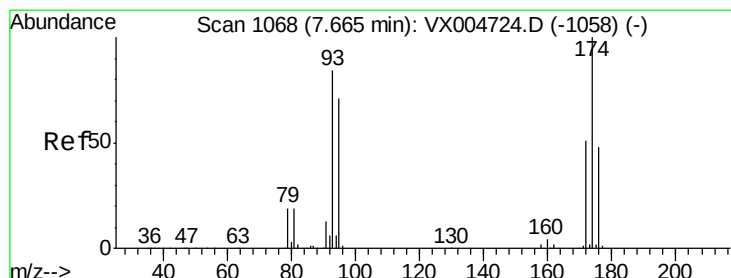
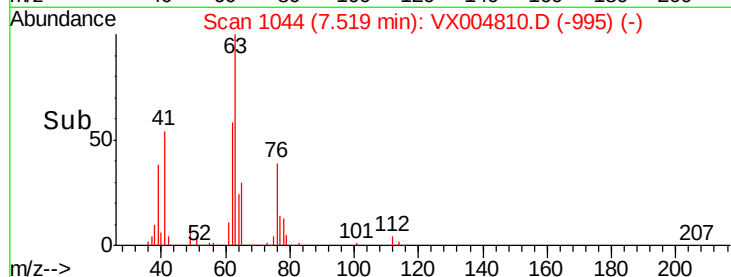
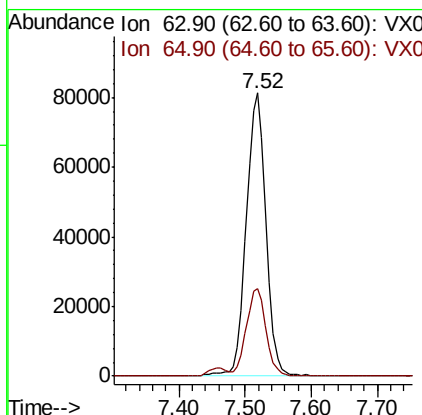
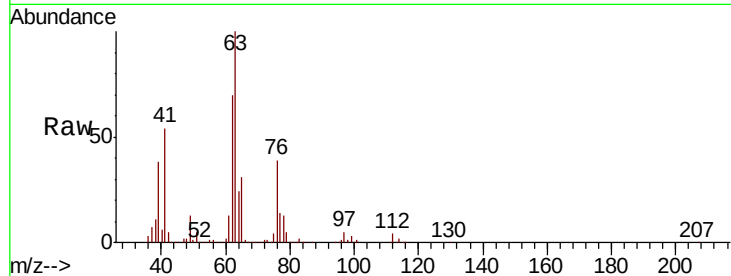




#45
 1,2-Dichloropropane
 Concen: 53.508 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

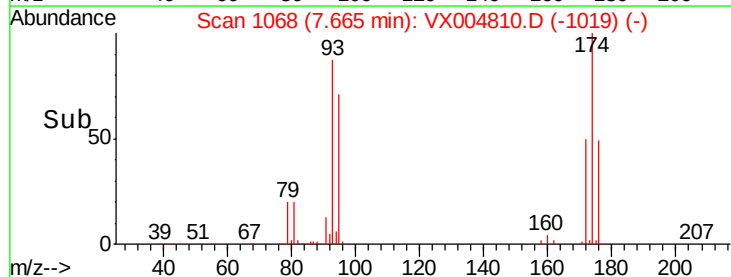
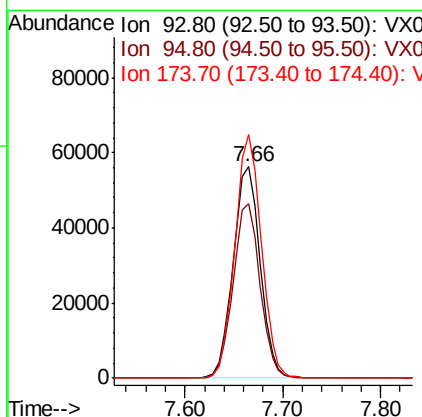
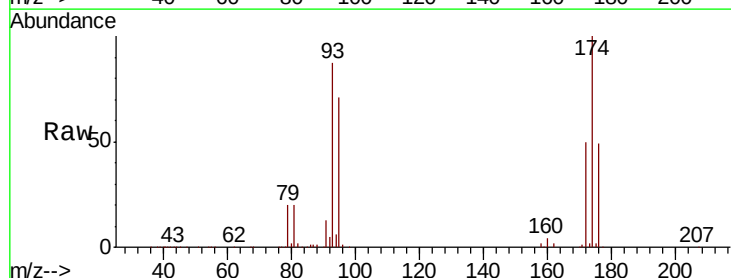
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

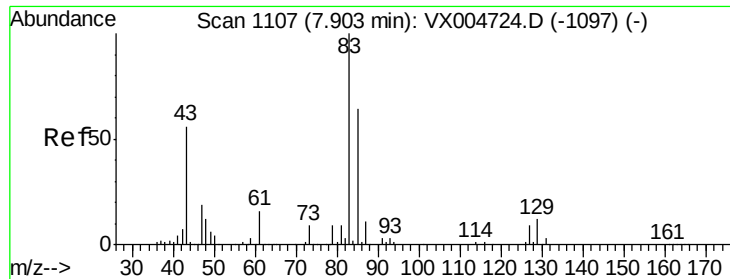
Tot Ion: 63 Resp: 168832
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 54.416 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 93 Resp: 107903
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 113.2 94.2 141.4





#47

Bromodichloromethane

Concen: 55.055 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

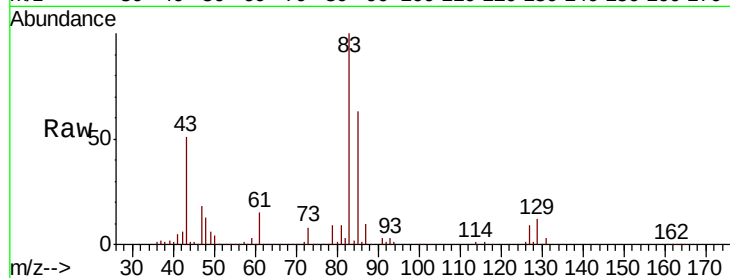
Tot Ion: 83 Resp: 204399

Ion Ratio Lower Upper

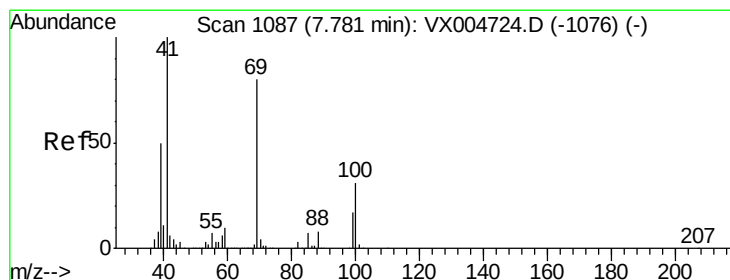
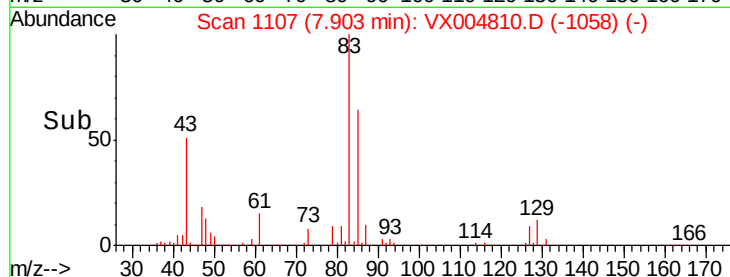
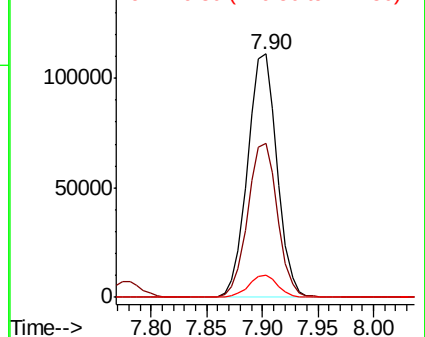
83 100

85 63.2 50.9 76.3

127 9.0 7.3 10.9



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: 60.373 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

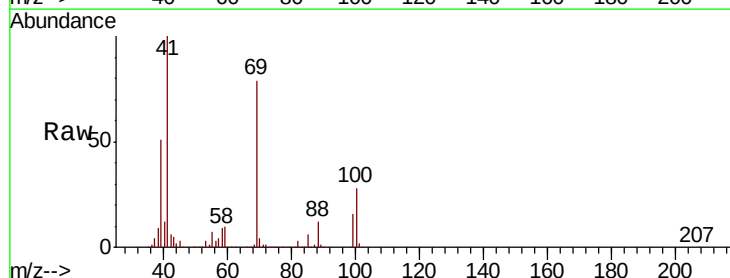
Tgt Ion: 41 Resp: 215764

Ion Ratio Lower Upper

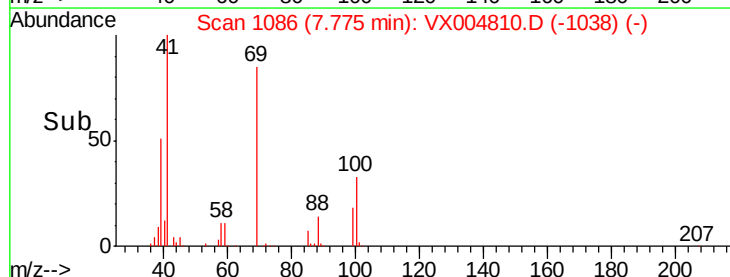
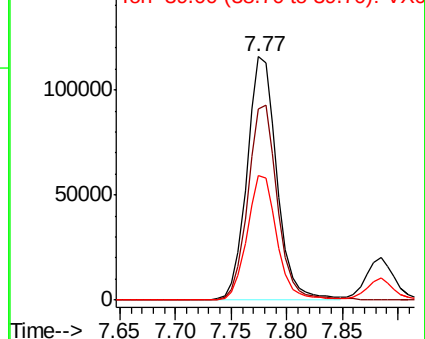
41 100

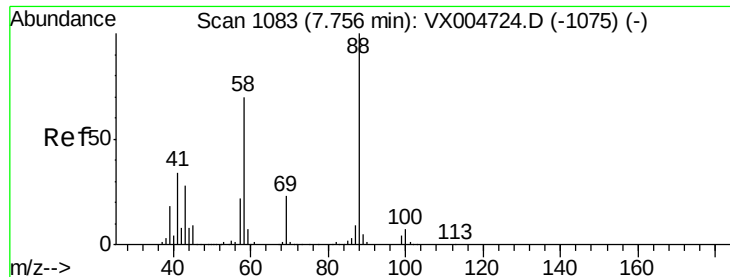
69 79.9 70.2 105.4

39 50.9 42.7 64.1



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: 1031.195 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

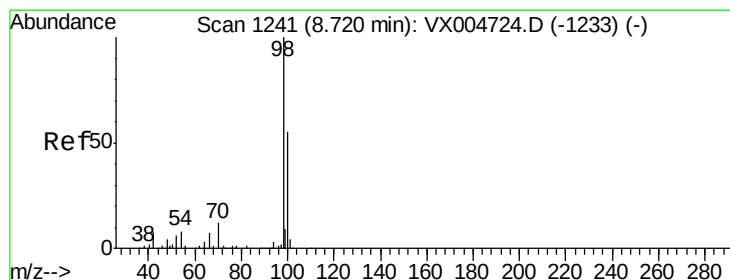
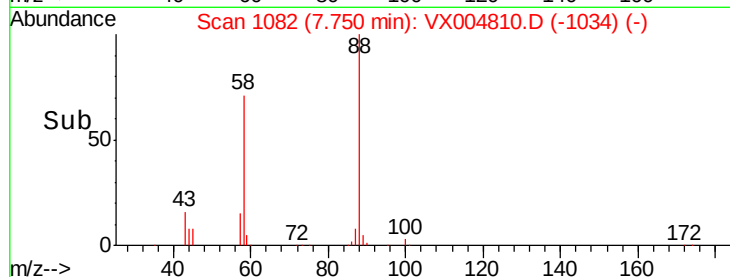
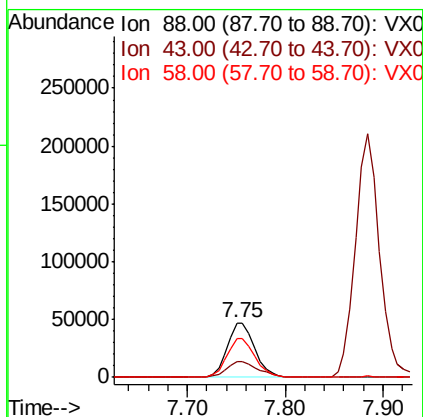
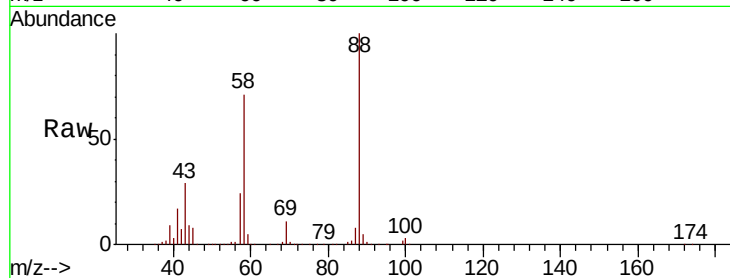
Tot Ion: 88 Resp: 91558

Ion Ratio Lower Upper

88 100

43 33.0 24.7 37.1

58 73.3 55.3 82.9



#50

Toluene-d8

Concen: 51.792 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004810.D

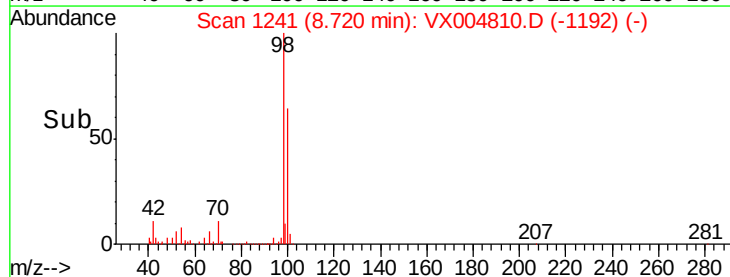
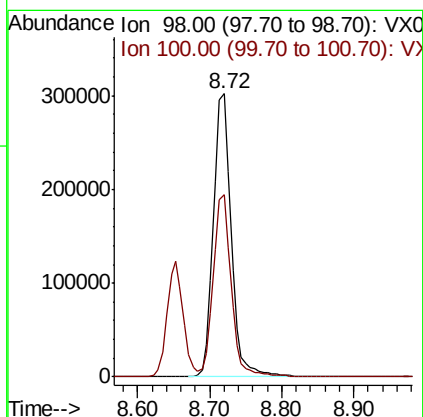
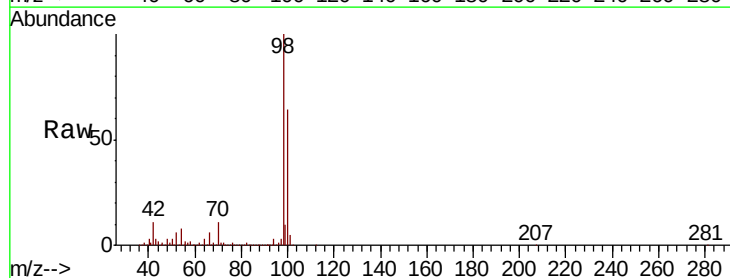
Acq: 28 Sep 2018 08:10

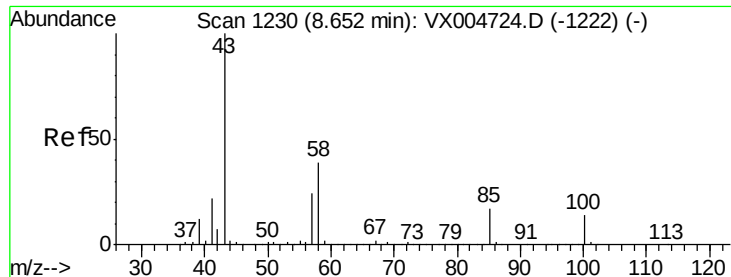
Tgt Ion: 98 Resp: 518642

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 290.069 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

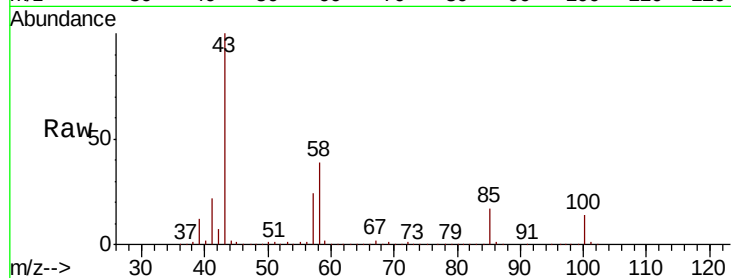
VSTDCCC050EC

Tot Ion: 43 Resp: 1438095

Ion Ratio Lower Upper

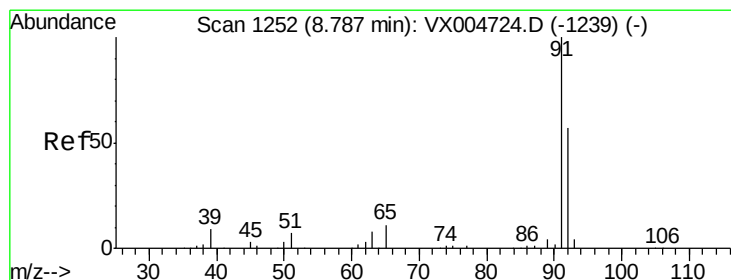
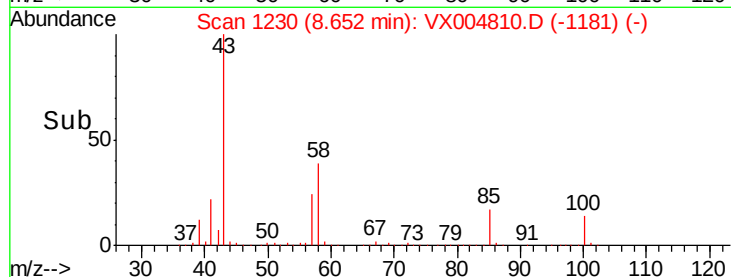
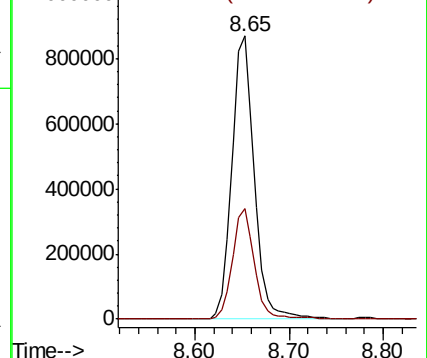
43 100

58 38.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.836 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004810.D

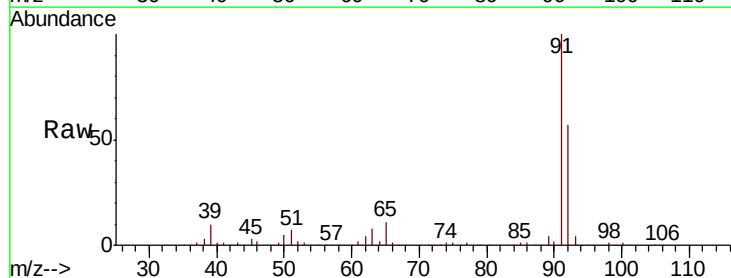
Acq: 28 Sep 2018 08:10

Tgt Ion: 92 Resp: 387683

Ion Ratio Lower Upper

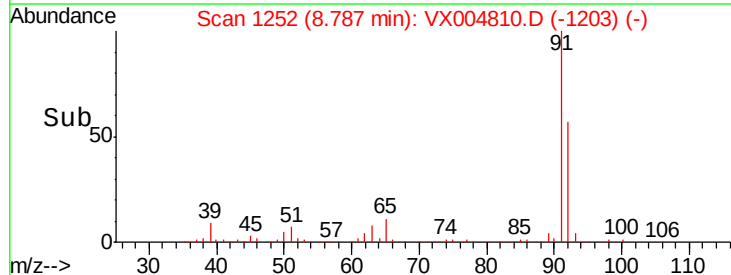
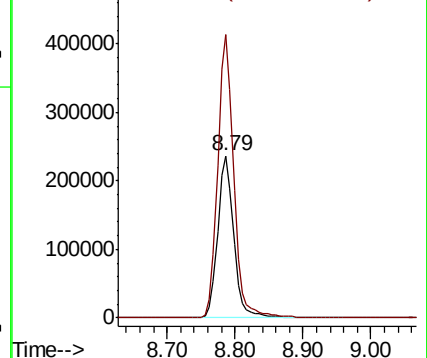
92 100

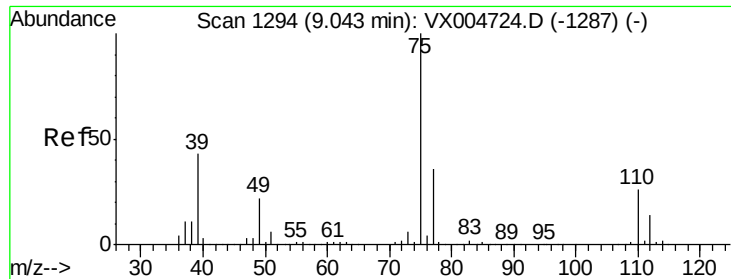
91 175.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

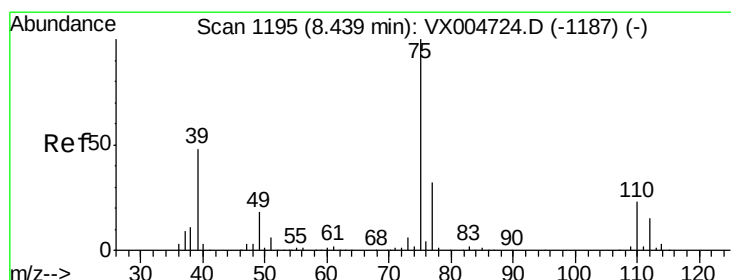
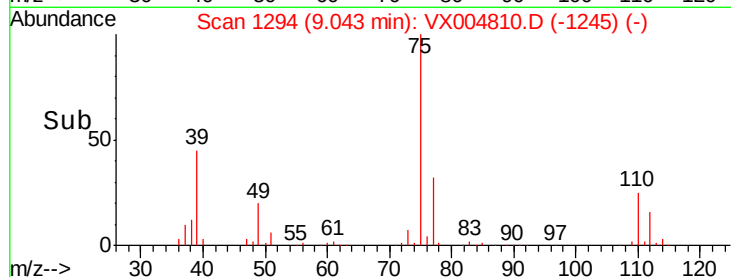
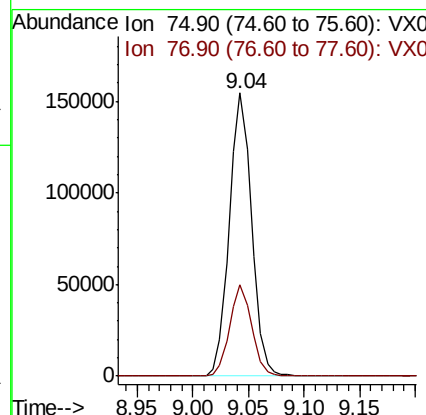
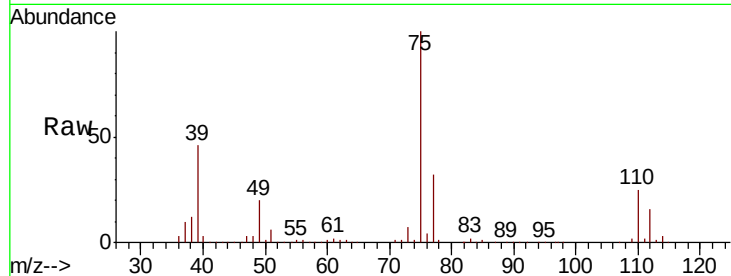




#53
t-1,3-Dichloropropene
Concen: 51.404 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

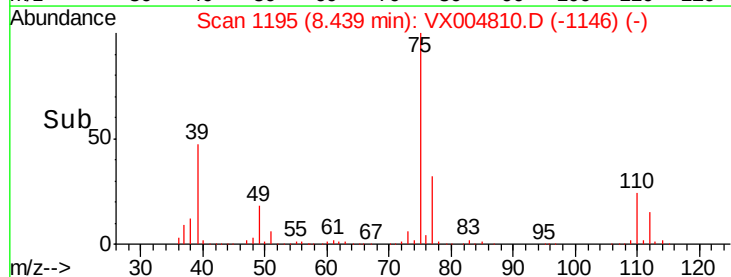
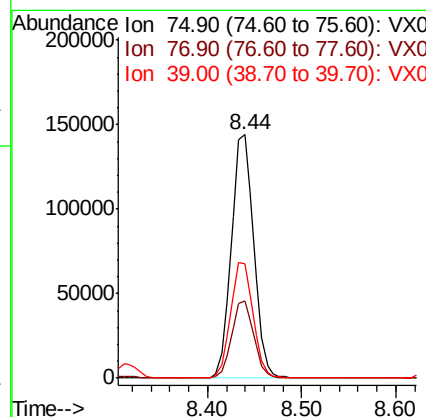
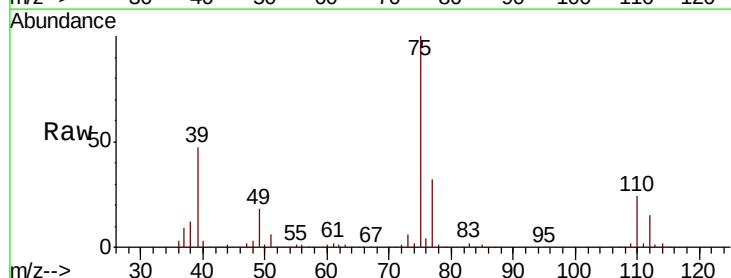
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

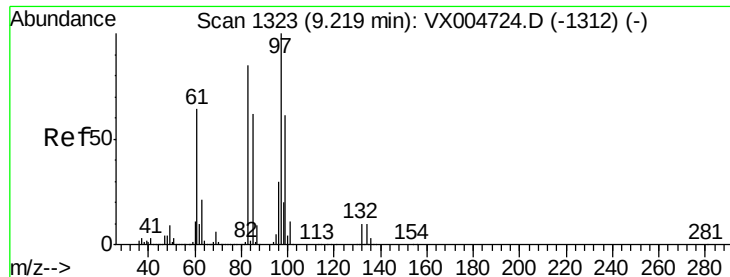
Tot Ion: 75 Resp: 215660
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 54.126 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 75 Resp: 237847
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
39 46.7 36.4 54.6

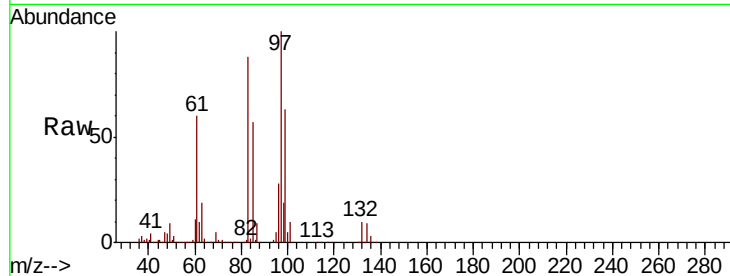




#55
 1,1,2-Trichloroethane
 Concen: 51.919 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	160785
Ion	Ratio	Lower	Upper
97	100		
83	88.0	66.4	99.6
85	56.6	43.3	64.9
99	63.5	49.0	73.4



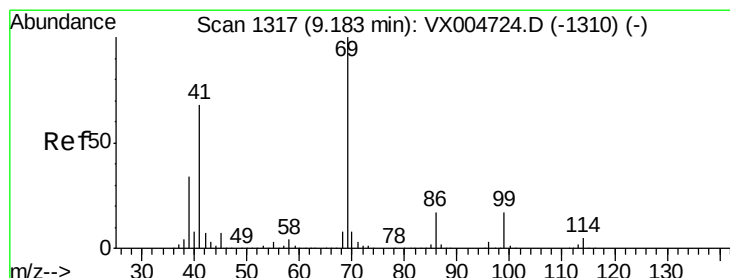
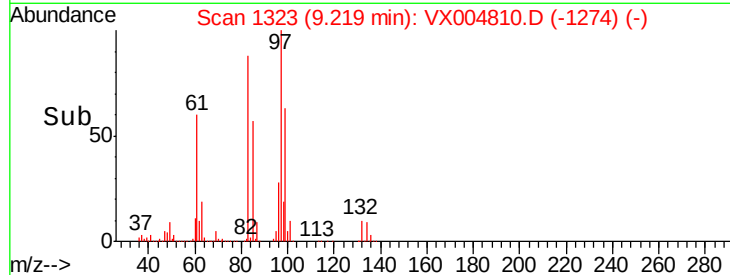
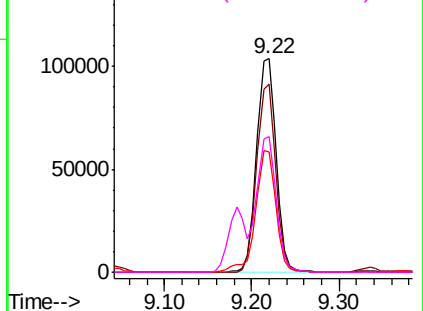
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

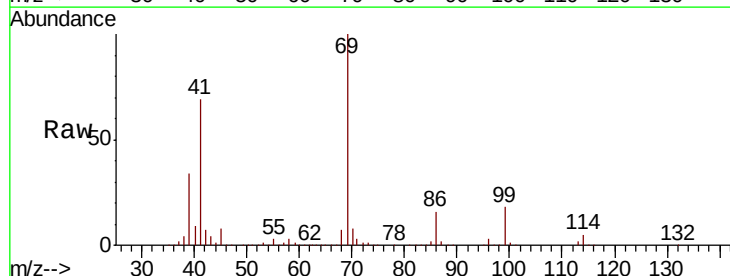
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.153 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion:	69	Resp:	257414
Ion	Ratio	Lower	Upper
69	100		
41	69.8	51.0	76.4
39	34.1	26.1	39.1

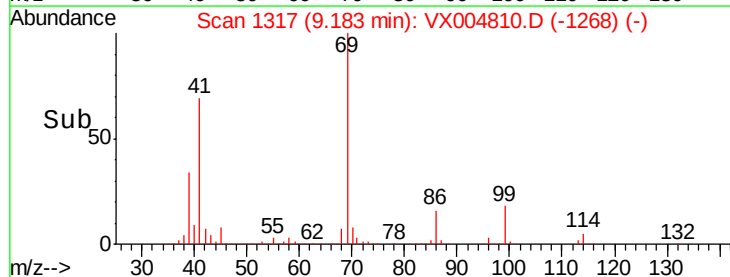
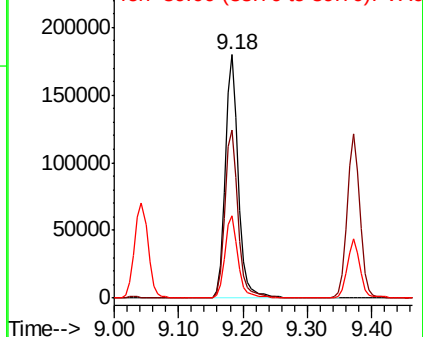


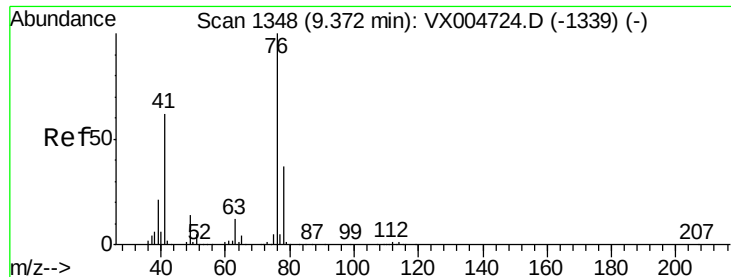
Abundance

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: 52.471 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

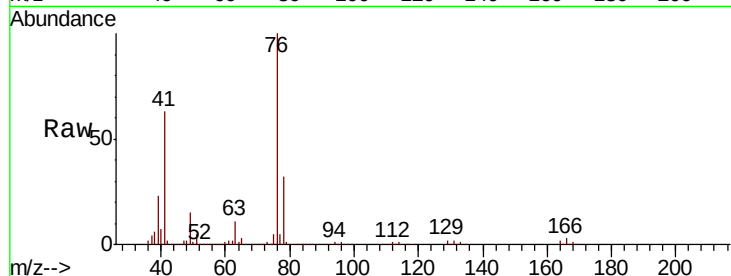
VSTDCCC050EC

Tot Ion: 76 Resp: 270445

Ion Ratio Lower Upper

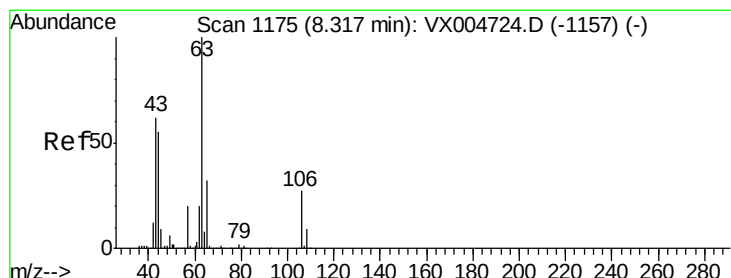
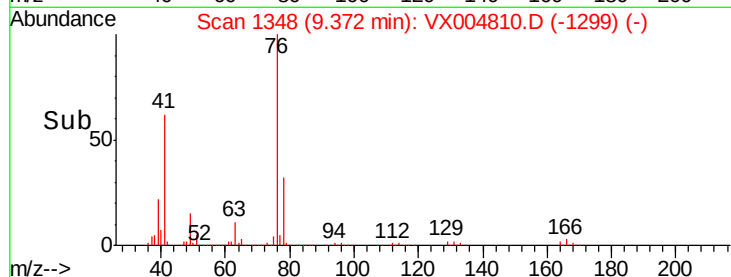
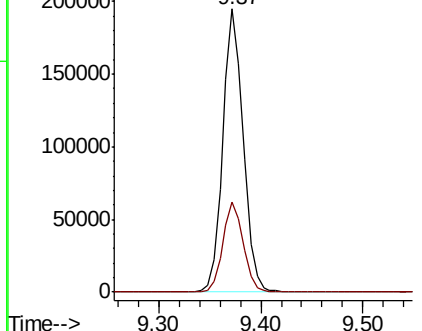
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.009 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004810.D

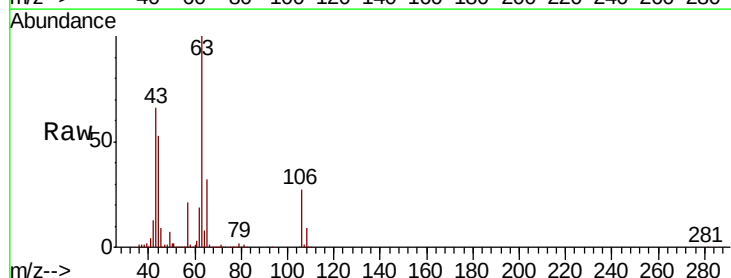
Acq: 28 Sep 2018 08:10

Tgt Ion: 63 Resp: 701071

Ion Ratio Lower Upper

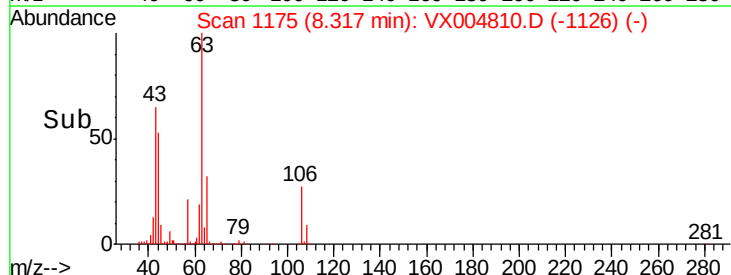
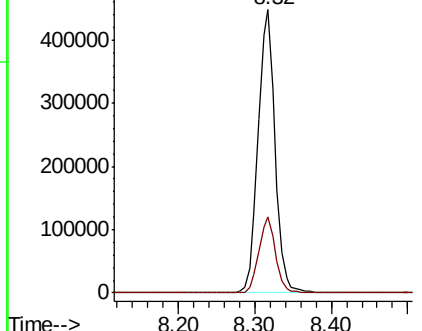
63 100

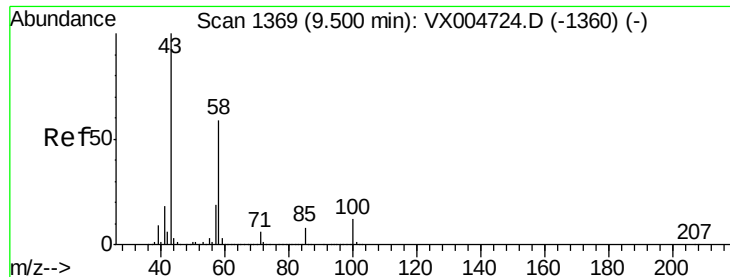
106 26.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

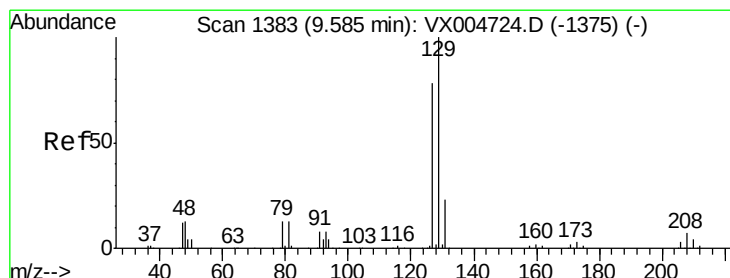
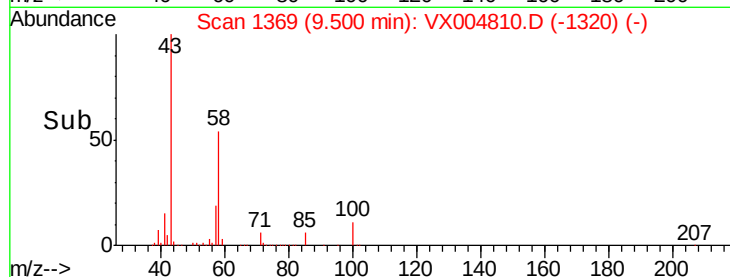
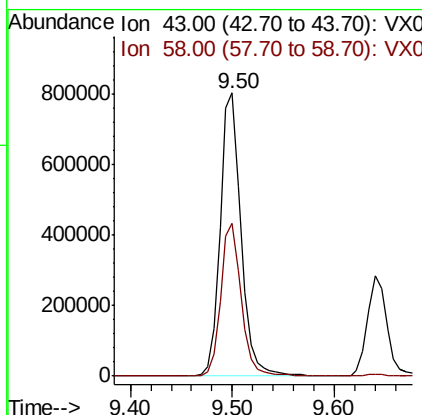
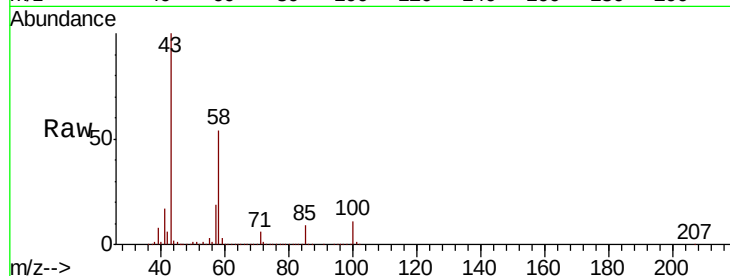




#59
2-Hexanone
Concen: 277.071 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

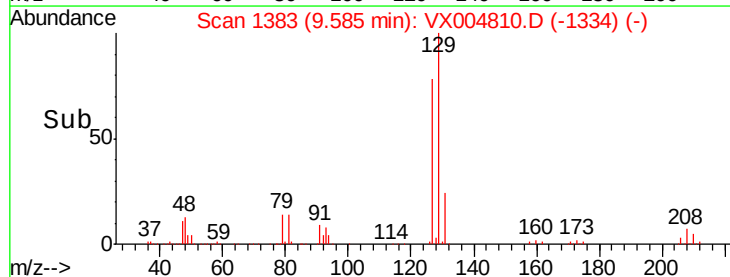
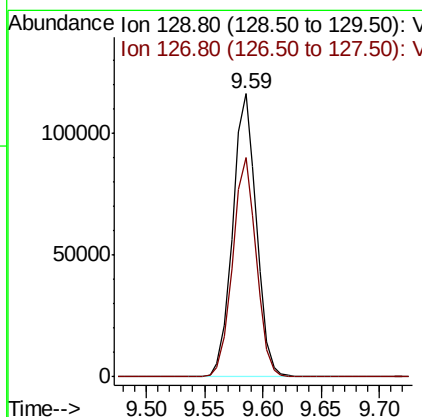
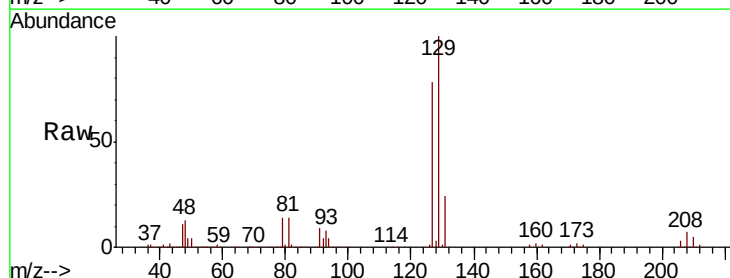
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

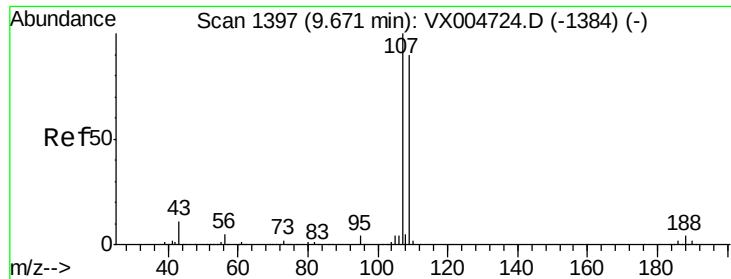
Tot Ion: 43 Resp: 1144692
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0



#60
Dibromochloromethane
Concen: 53.324 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 129 Resp: 165147
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.428 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

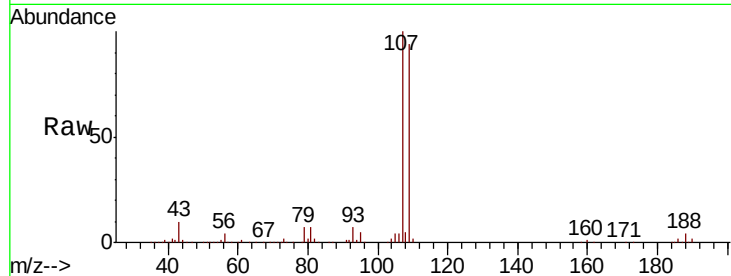
VSTDCCC050EC

Tot Ion:107 Resp: 167247

Ion Ratio Lower Upper

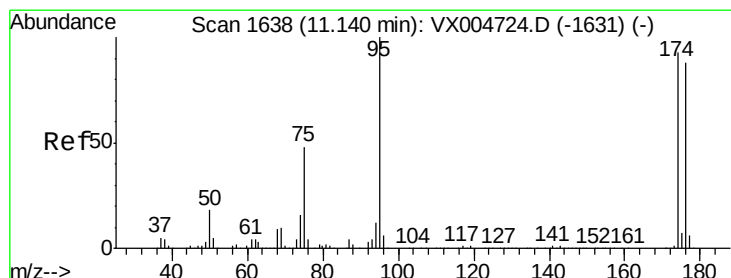
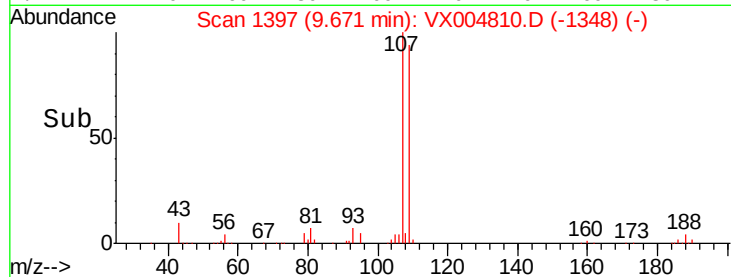
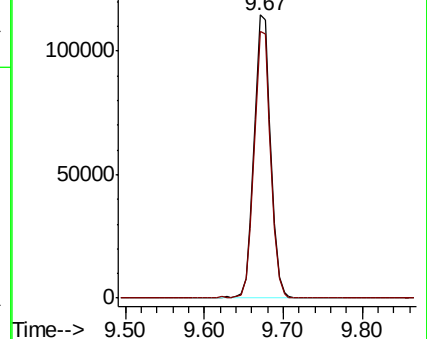
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.899 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

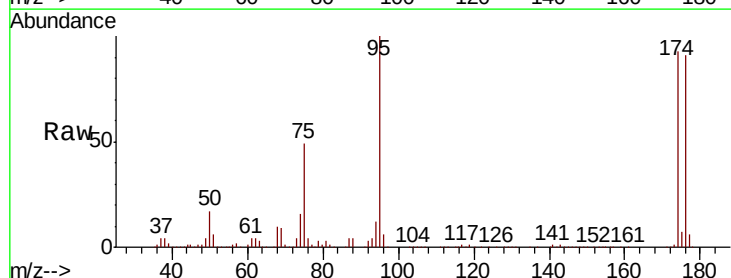
Tgt Ion: 95 Resp: 190838

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

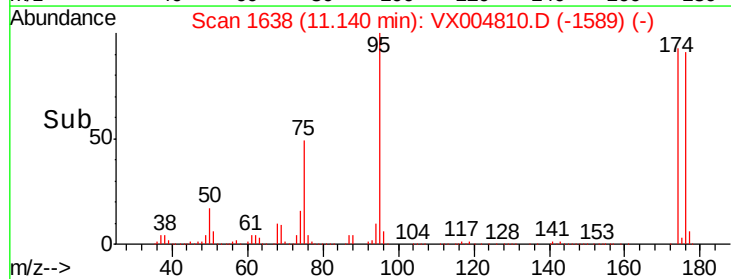
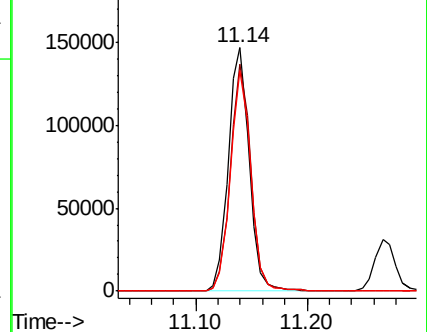
176 88.6 0.0 178.6

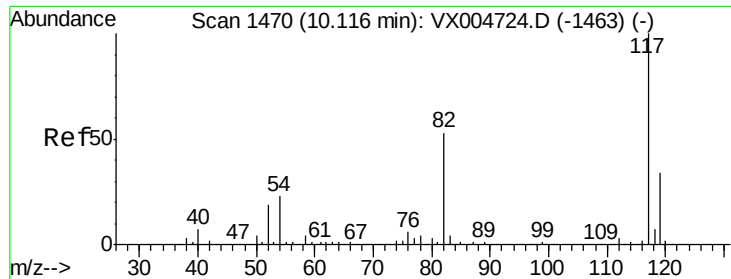


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

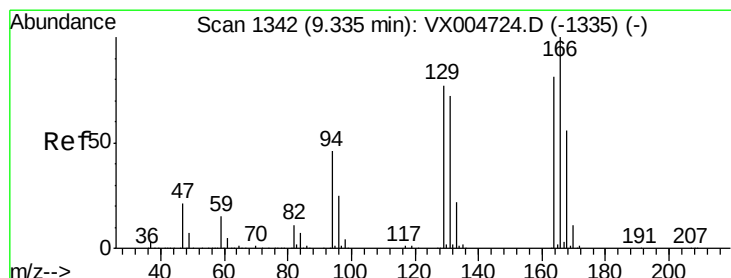
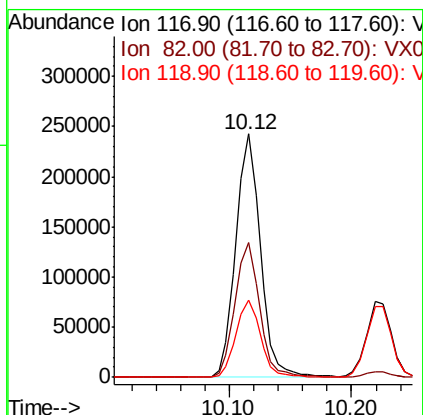
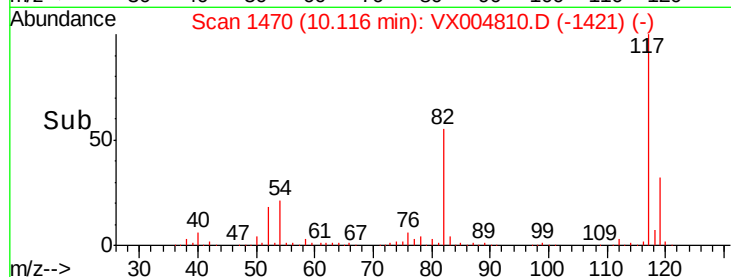
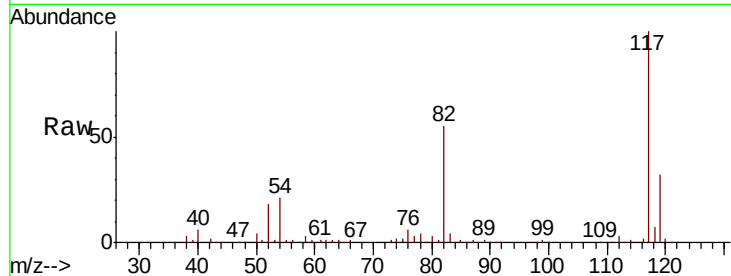




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

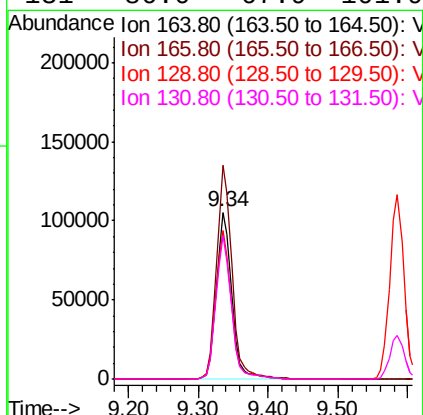
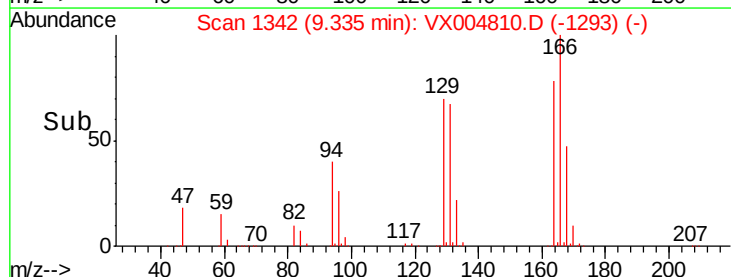
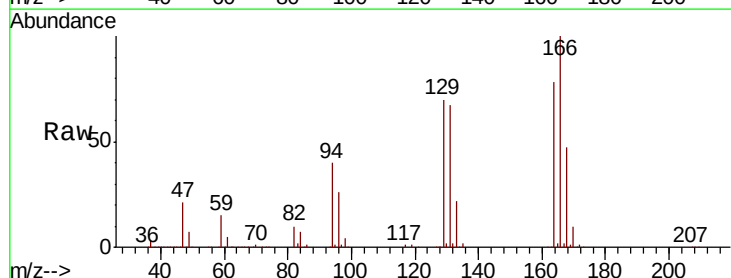
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

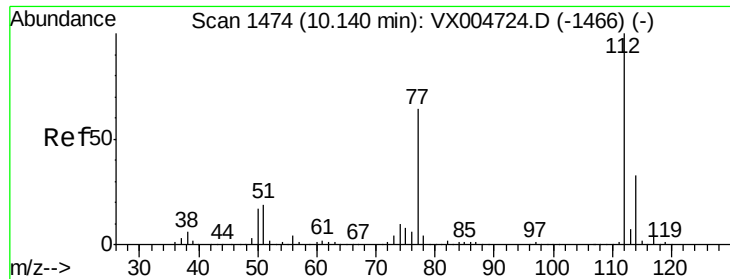
Tot Ion:117 Resp: 338930
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 48.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:164 Resp: 160873
Ion Ratio Lower Upper
164 100
166 128.2 102.8 154.2
129 89.3 69.4 104.0
131 86.0 67.9 101.9

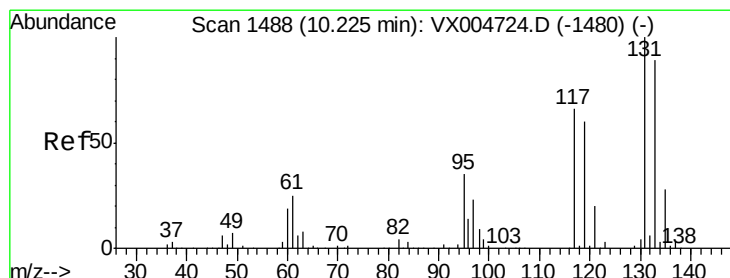
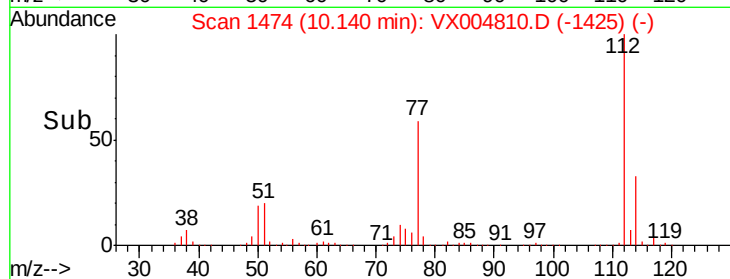
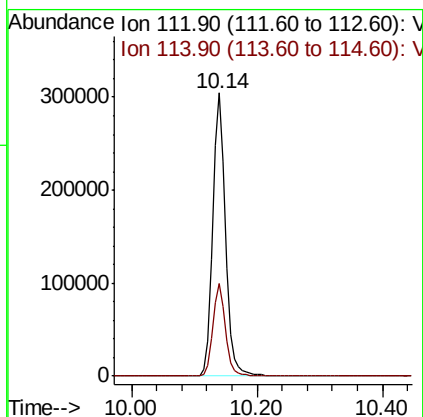
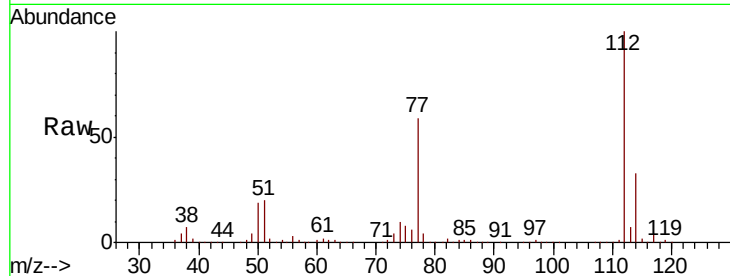




#65
Chlorobenzene
Concen: 49.315 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

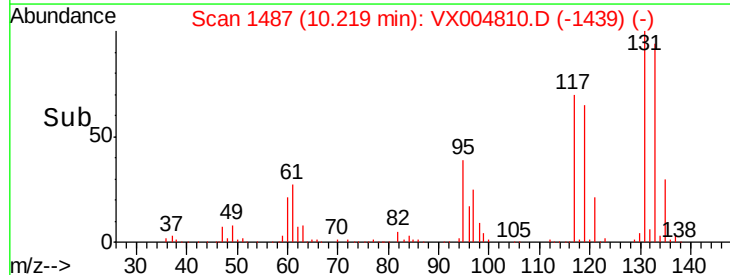
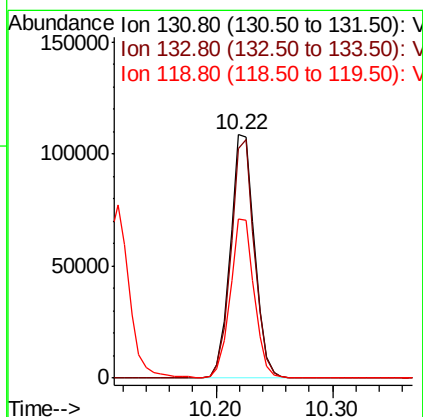
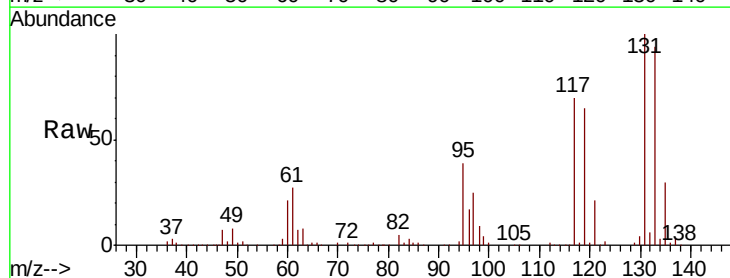
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

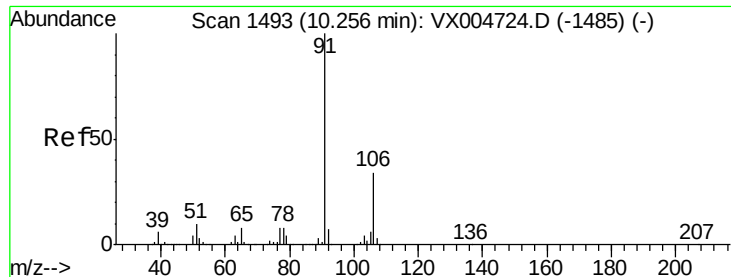
Tot Ion:112 Resp: 428603
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.147 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:131 Resp: 156276
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.9 32.9 98.6

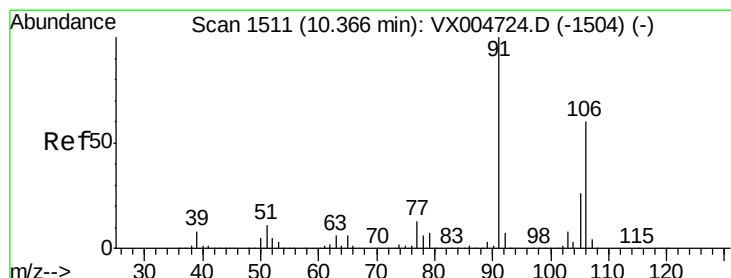
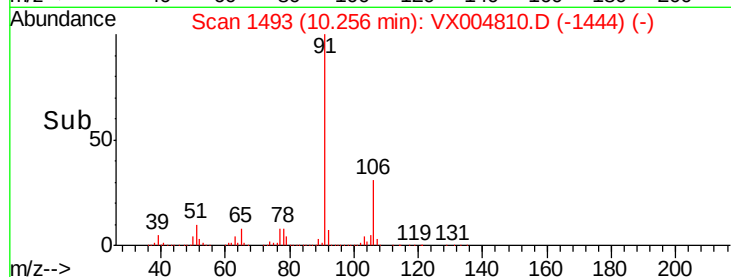
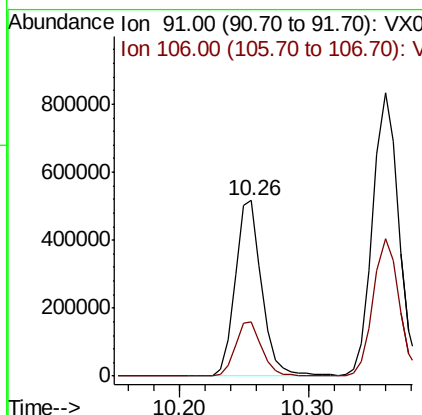
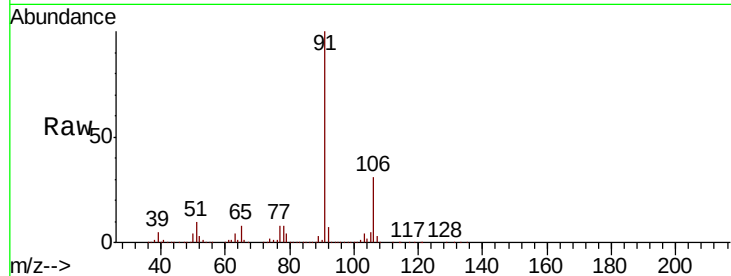




#67
Ethyl Benzene
Concen: 53.768 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

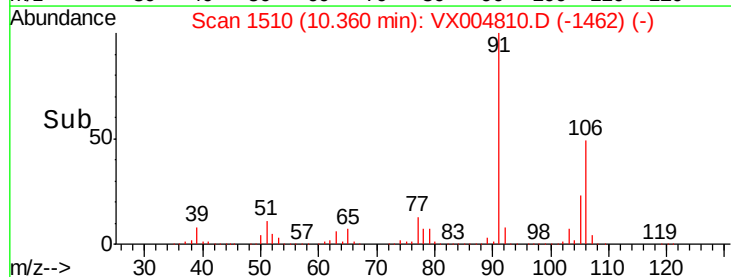
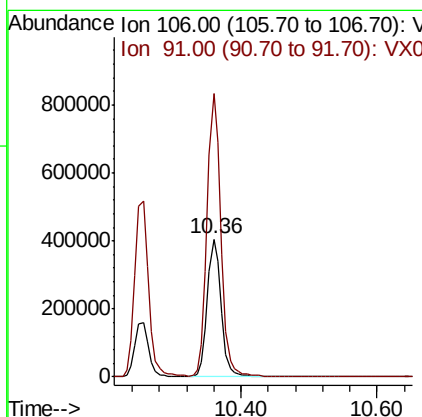
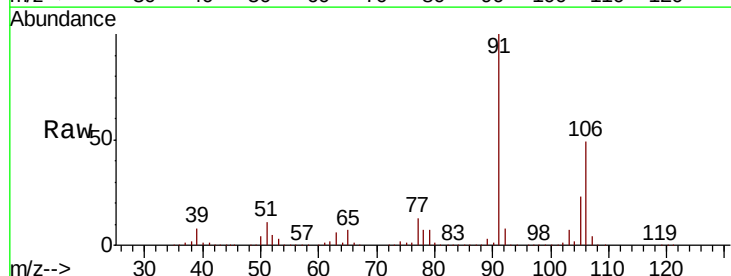
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

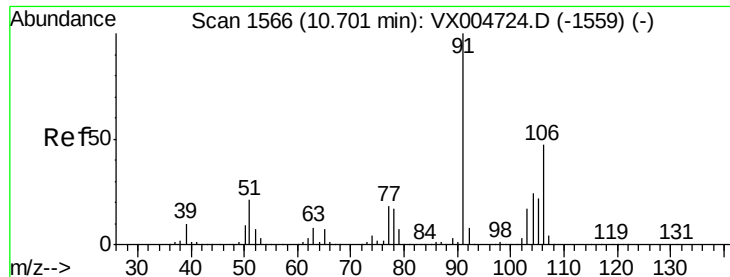
Tot Ion: 91 Resp: 741897
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 106.517 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 106 Resp: 574338
Ion Ratio Lower Upper
106 100
91 205.6 157.1 235.7

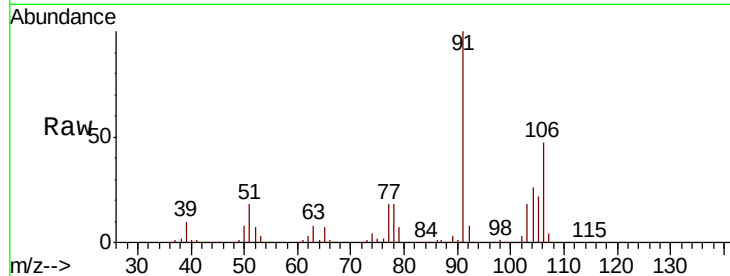




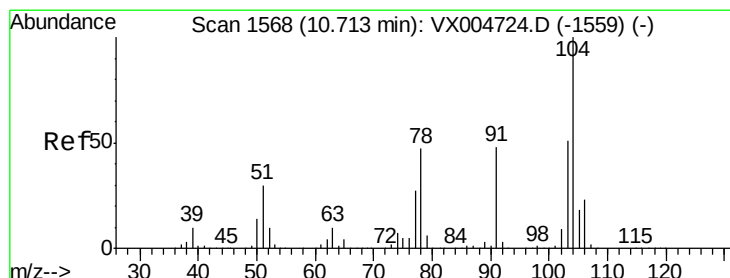
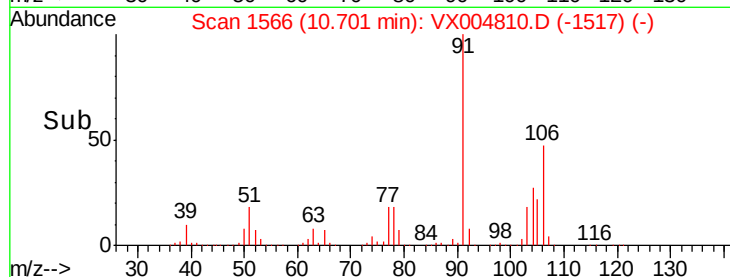
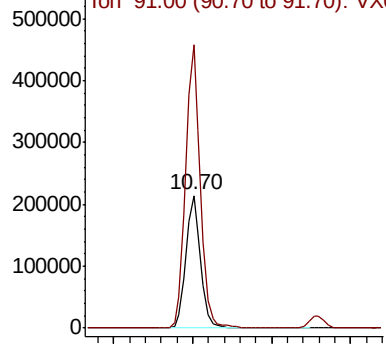
#69
o-Xylene
Concen: 56.141 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 278037
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1

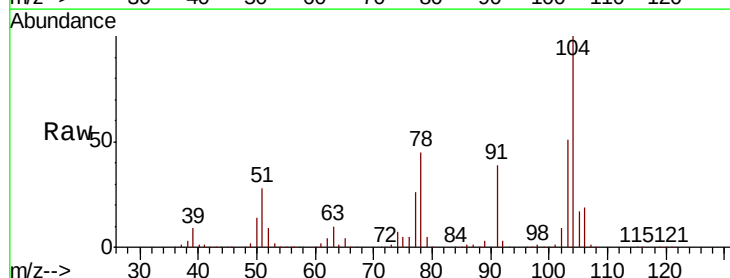


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

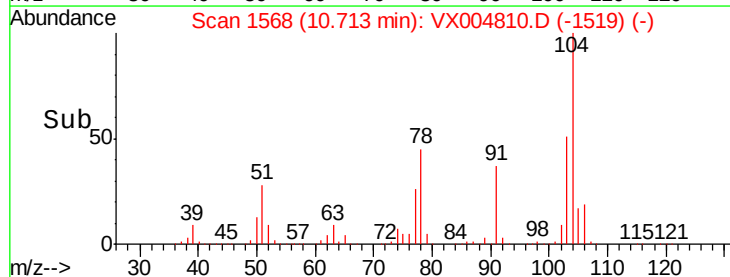
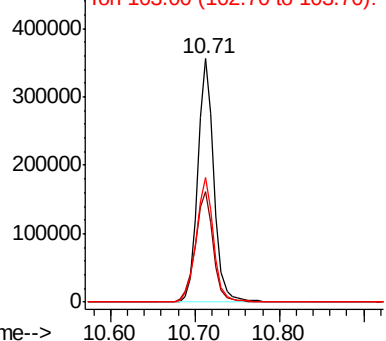


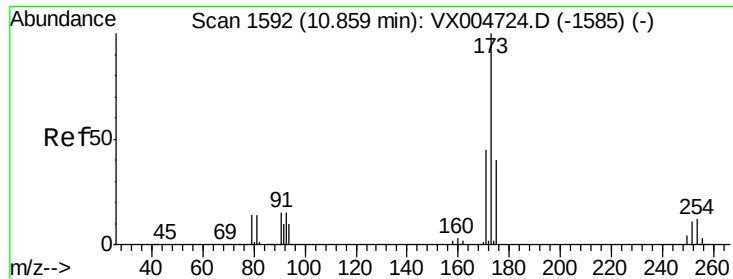
#70
Styrene
Concen: 50.646 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion:104 Resp: 469385
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.4 43.8 65.6



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





#71

Bromoform

Concen: 51.611 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

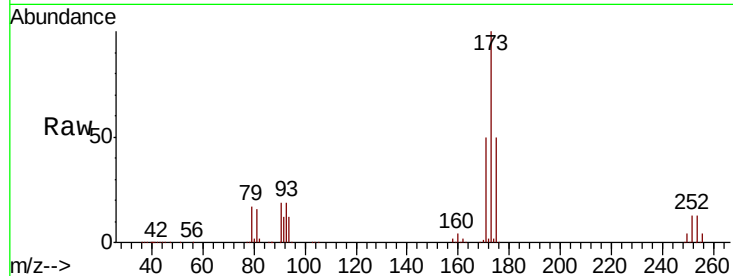
Tot Ion:173 Resp: 135006

Ion Ratio Lower Upper

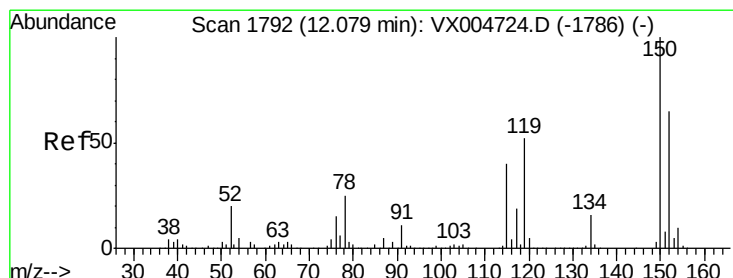
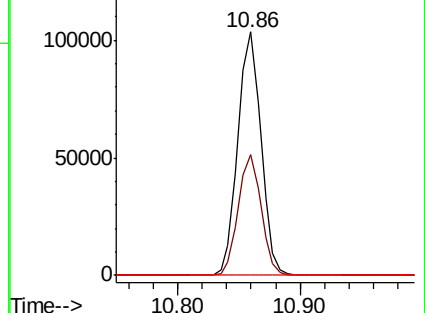
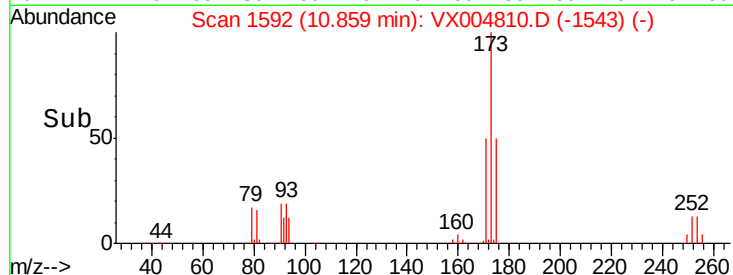
173 100

175 49.2 24.1 72.3

254 0.2 0.2 0.2



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: VX004810.D

Acq: 28 Sep 2018 08:10

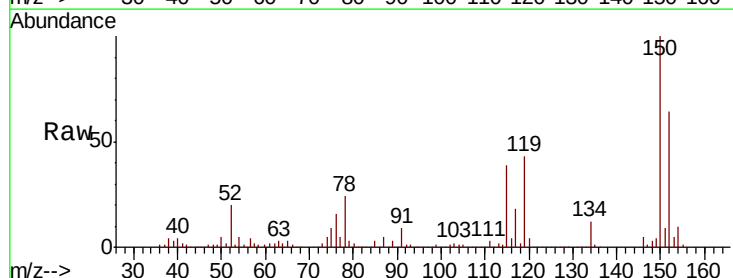
Tgt Ion:152 Resp: 206295

Ion Ratio Lower Upper

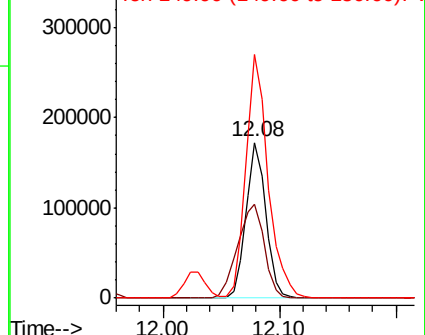
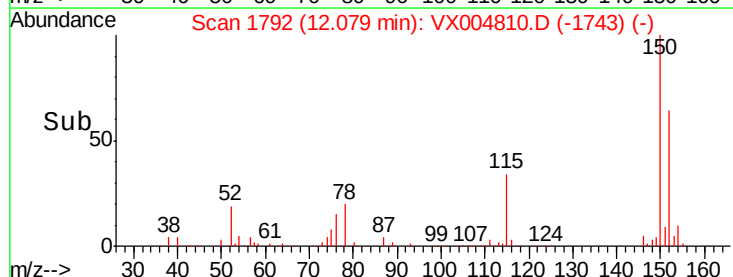
152 100

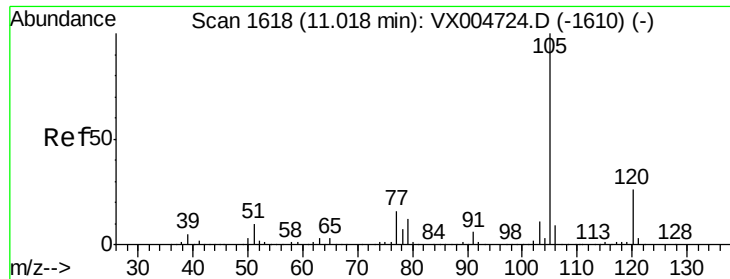
115 80.3 39.0 117.0

150 175.1 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: 57.147 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

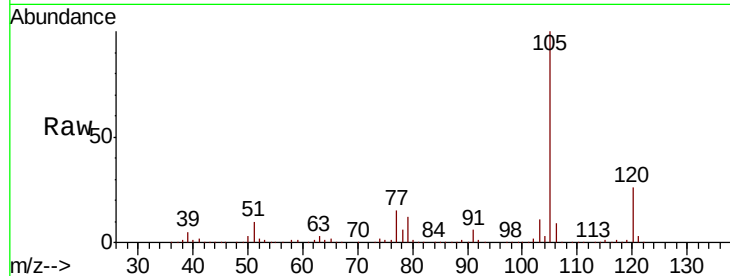
VSTDCCC050EC

Tot Ion: 105 Resp: 743089

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

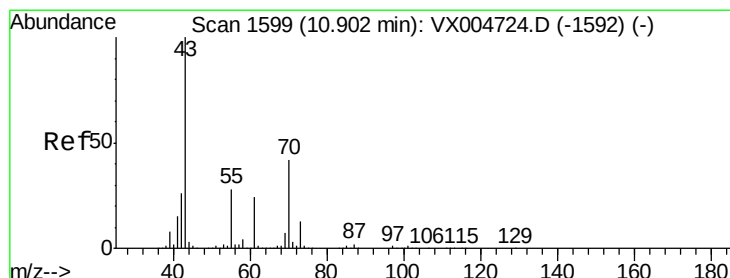
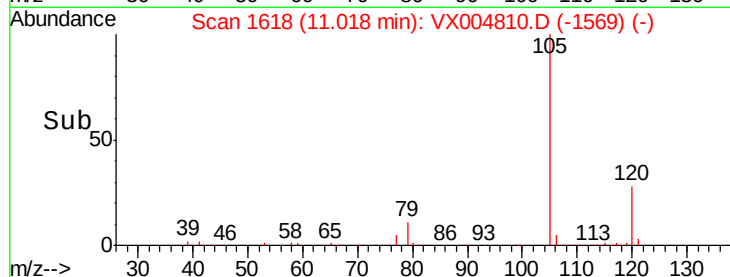
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.277 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Tgt Ion: 43 Resp: 374214

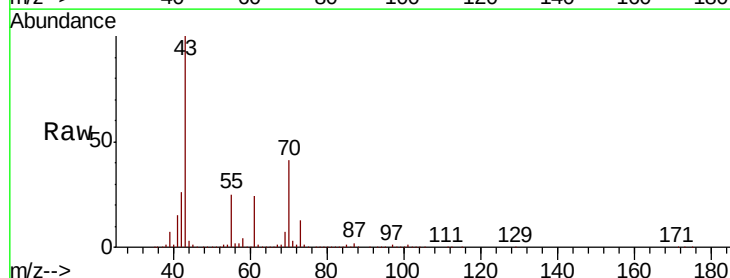
Ion Ratio Lower Upper

43 100

70 40.4 37.4 56.0

55 24.9 21.8 32.8

61 23.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

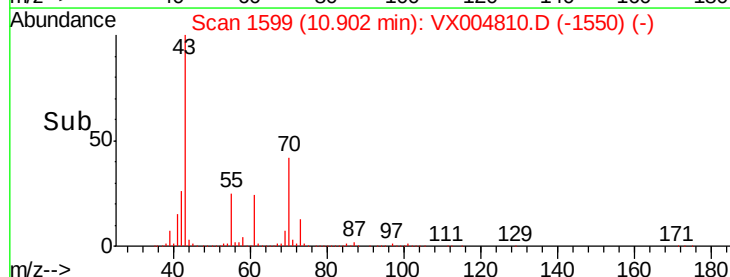
0

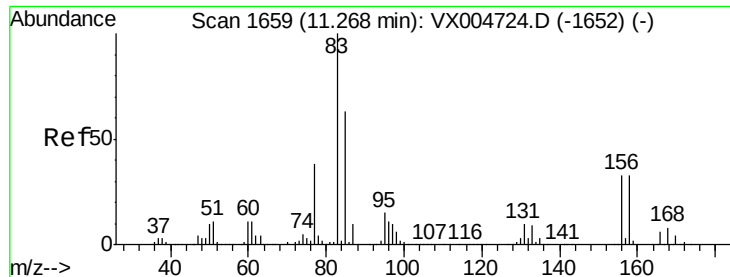
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.326 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

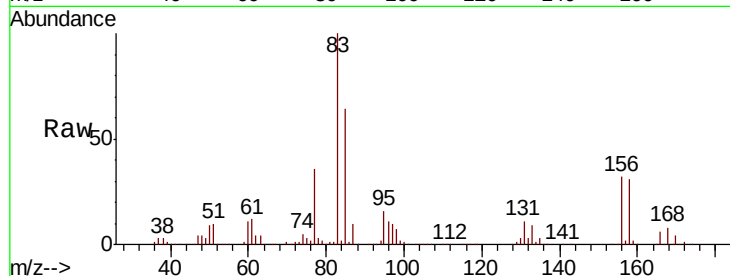
Tot Ion: 83 Resp: 266380

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

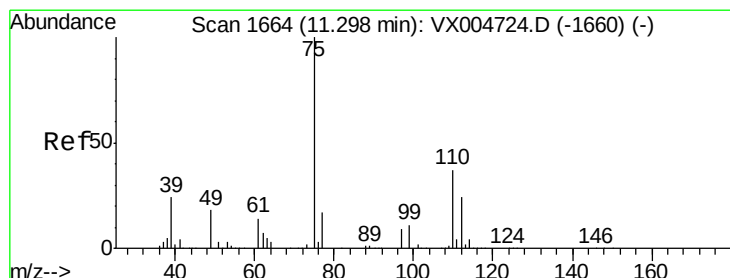
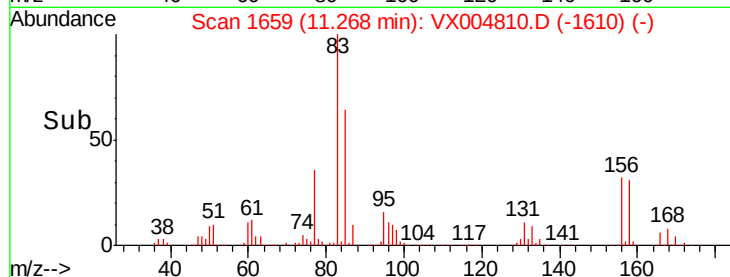
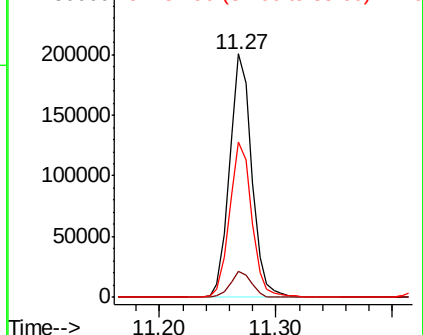
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.262 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004810.D

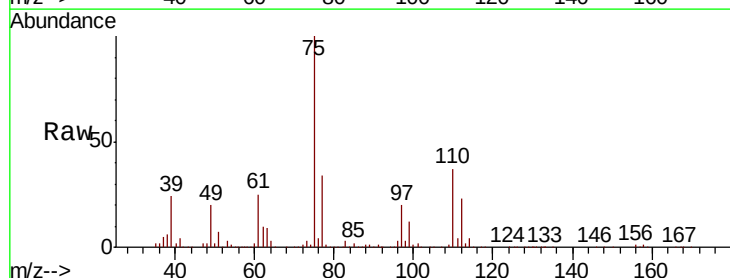
Acq: 28 Sep 2018 08:10

Tgt Ion: 75 Resp: 292510

Ion Ratio Lower Upper

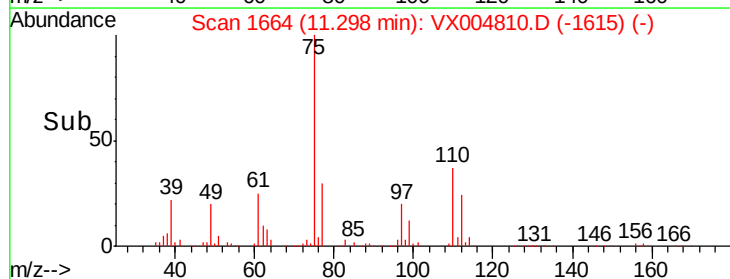
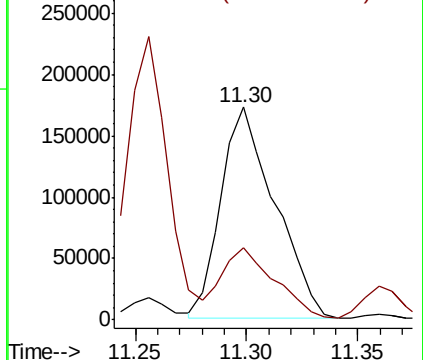
75 100

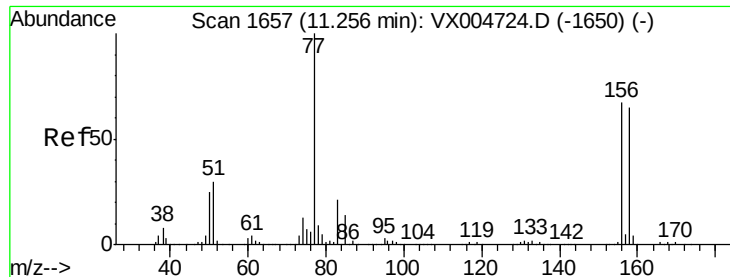
77 33.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.833 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

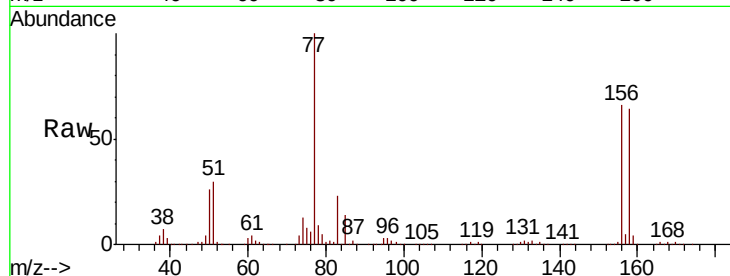
Tot Ion:156 Resp: 199542

Ion Ratio Lower Upper

156 100

77 148.0 71.5 214.3

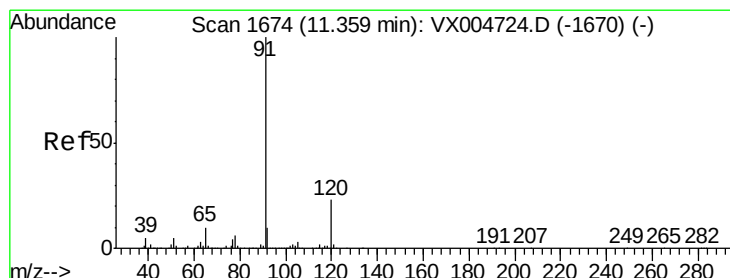
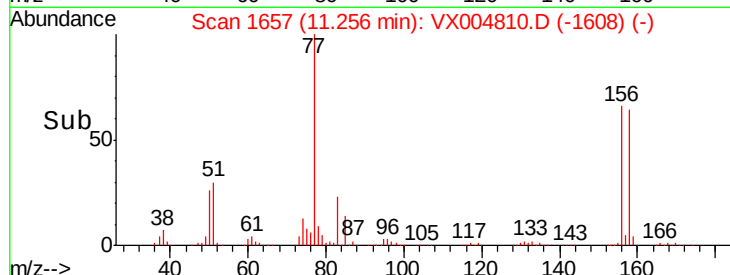
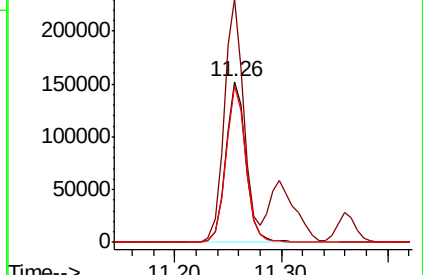
158 97.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.806 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004810.D

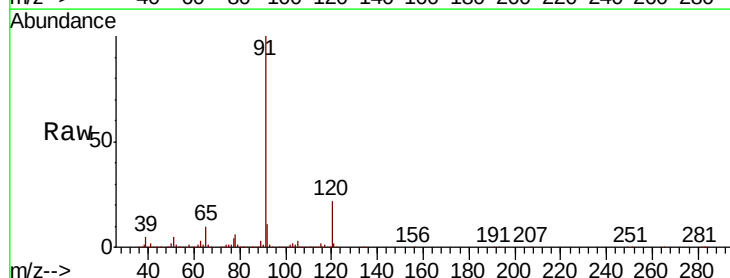
Acq: 28 Sep 2018 08:10

Tgt Ion: 91 Resp: 862438

Ion Ratio Lower Upper

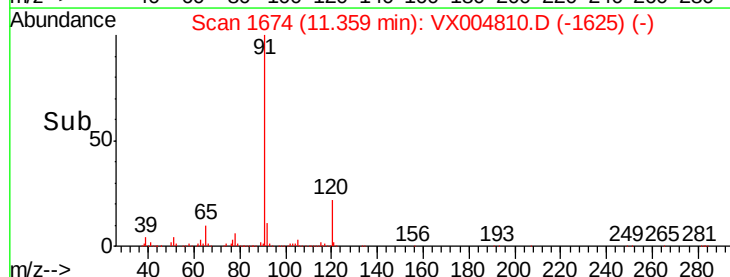
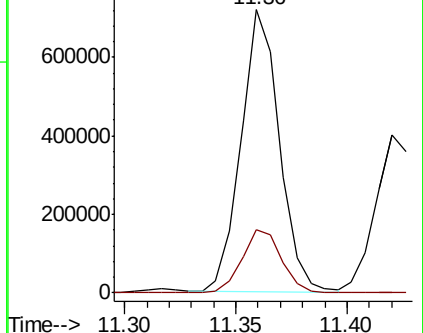
91 100

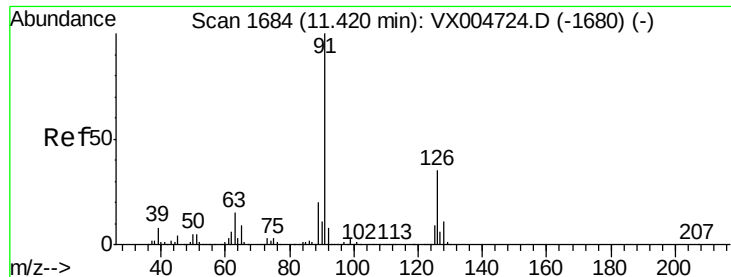
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.961 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

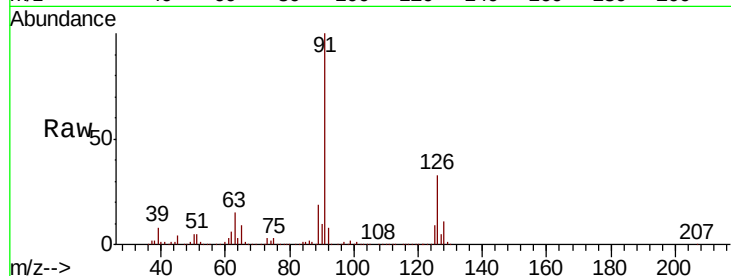
VSTDCCC050EC

Tot Ion: 91 Resp: 511116

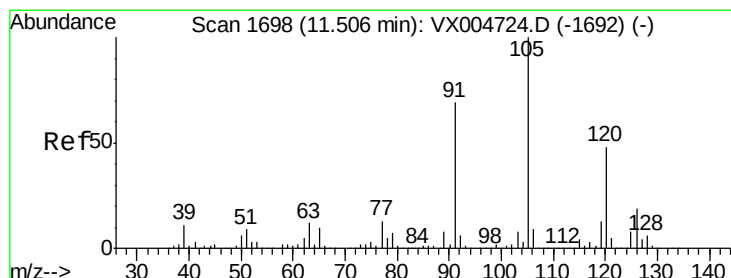
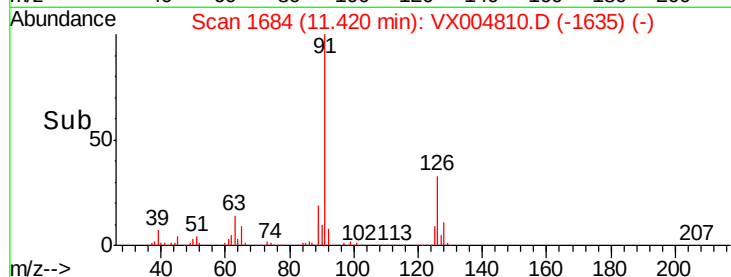
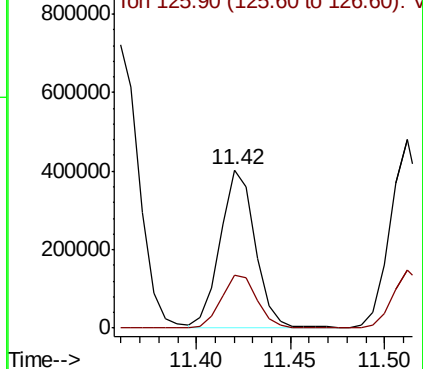
Ion Ratio Lower Upper

91 100

126 34.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.038 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004810.D

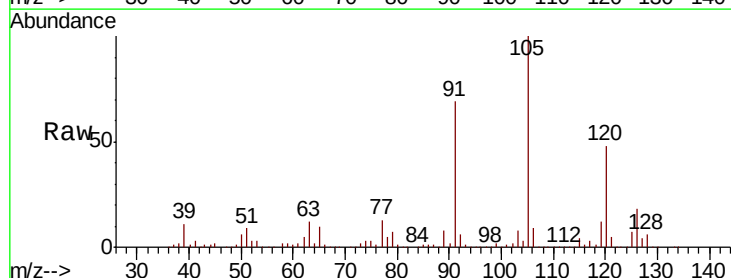
Acq: 28 Sep 2018 08:10

Tgt Ion: 105 Resp: 631947

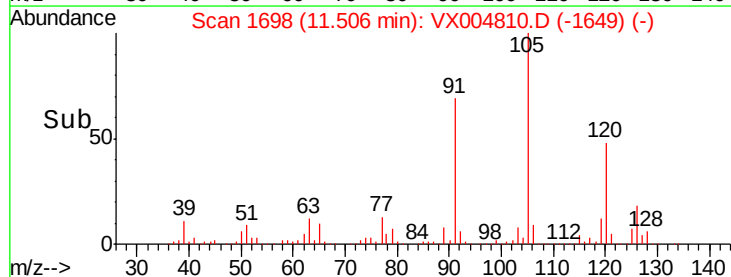
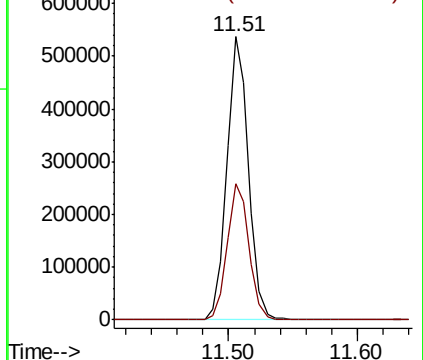
Ion Ratio Lower Upper

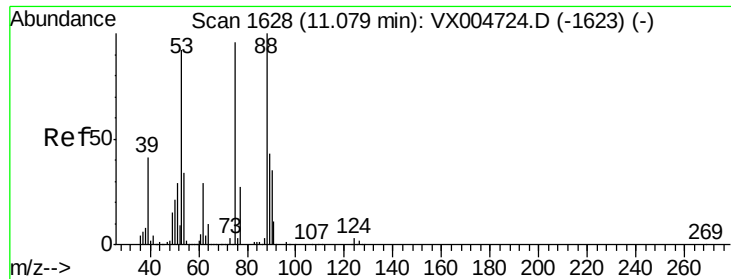
105 100

120 48.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

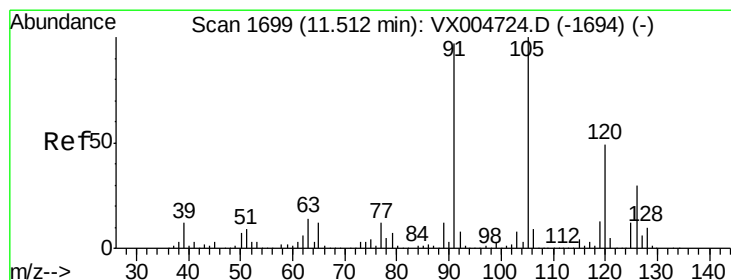
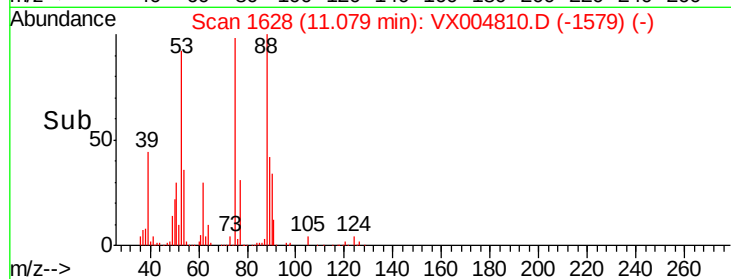
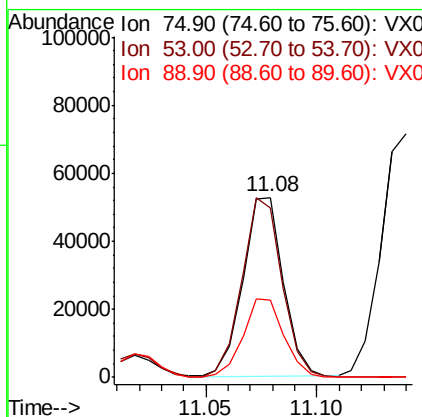
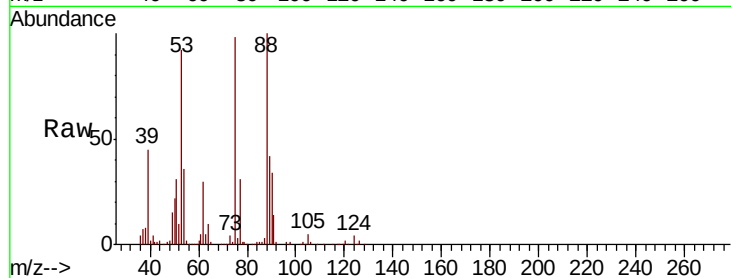




#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.644 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

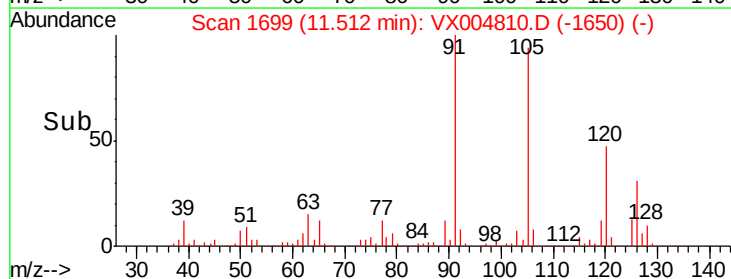
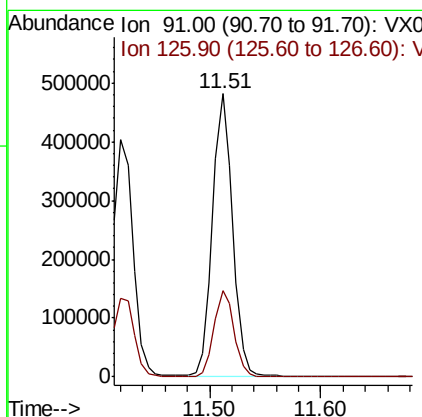
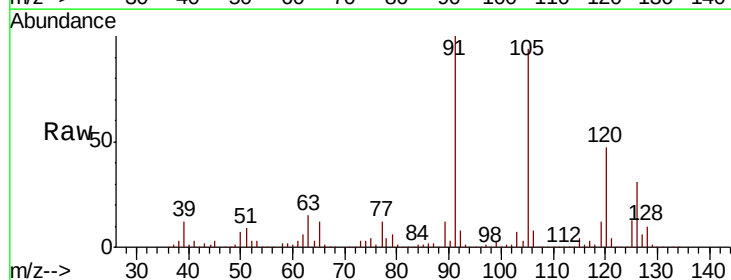
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

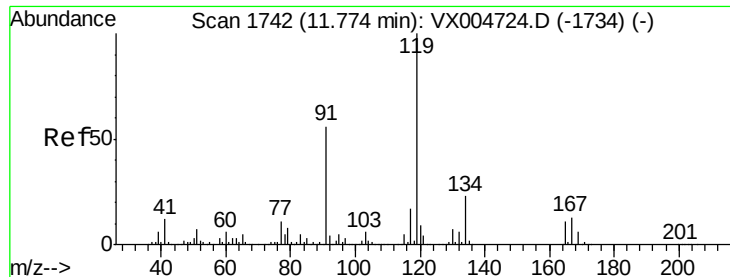
Tot Ion: 75 Resp: 66483
 Ion Ratio Lower Upper
 75 100
 53 99.4 80.1 120.1
 89 44.7 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 55.236 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 91 Resp: 604615
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.5 46.5

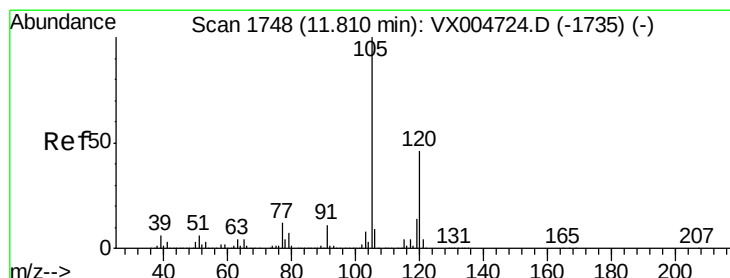
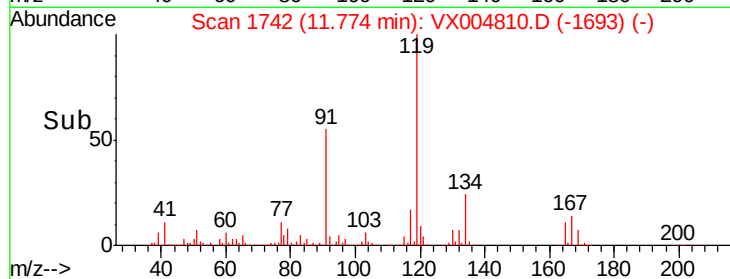
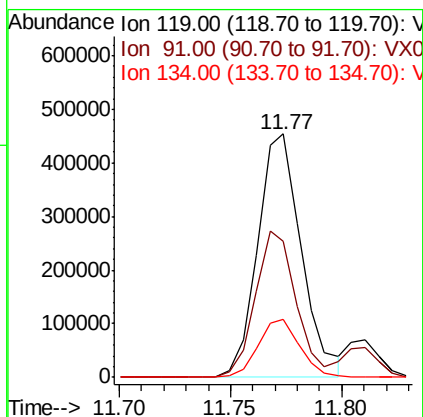
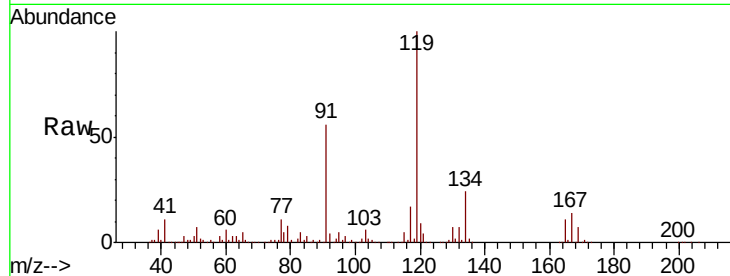




#83
 tert-Butylbenzene
 Concen: 57.967 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

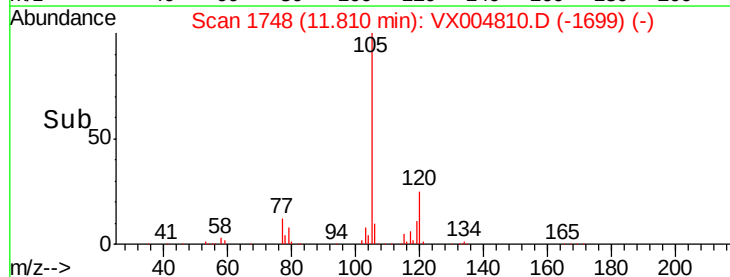
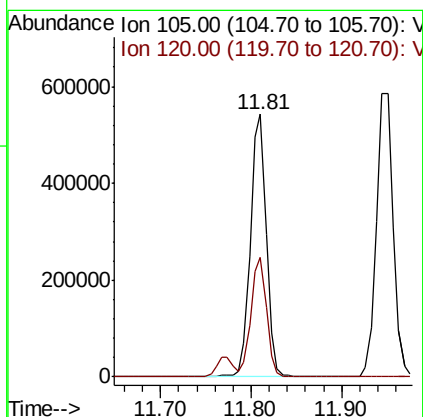
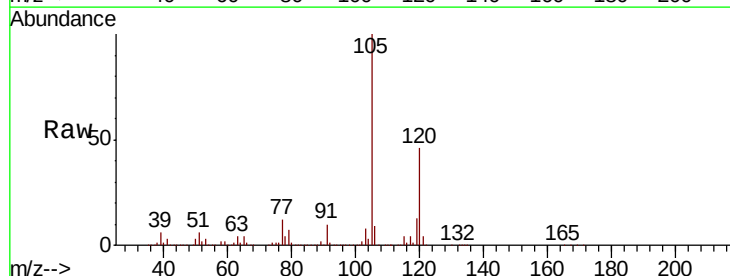
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

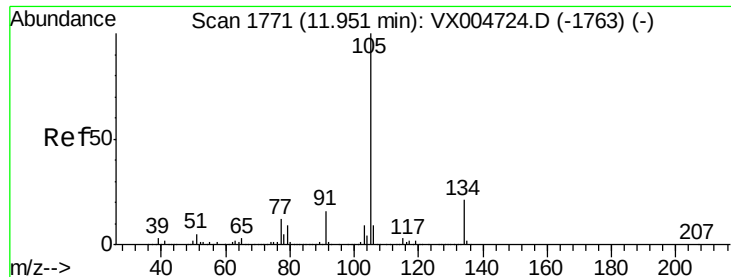
Tot Ion:119 Resp: 620582
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.496 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion:105 Resp: 657324
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.595 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

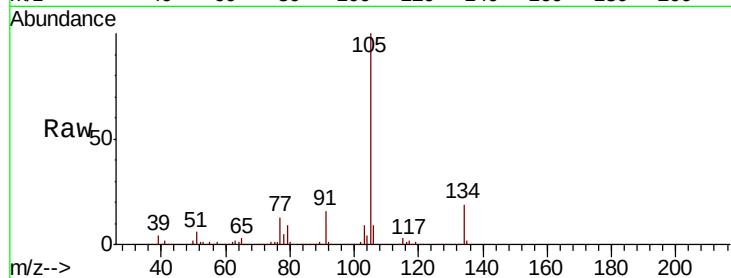
VSTDCCC050EC

Tot Ion:105 Resp: 751038

Ion Ratio Lower Upper

105 100

134 20.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

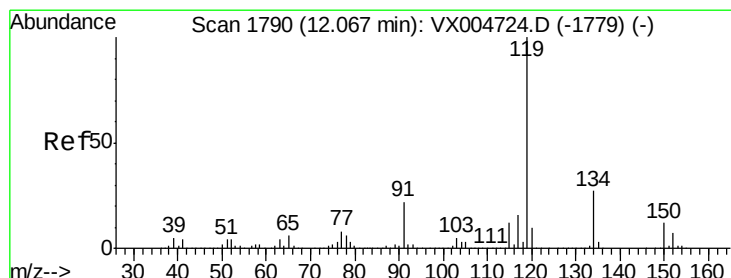
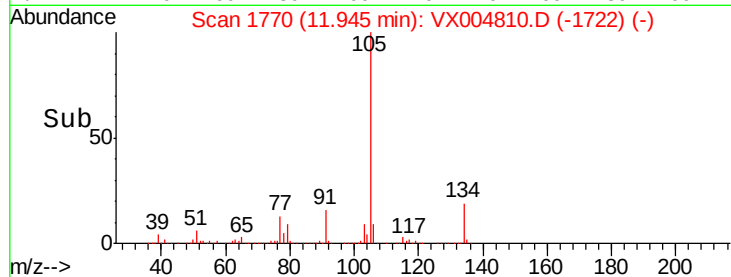
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 57.058 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

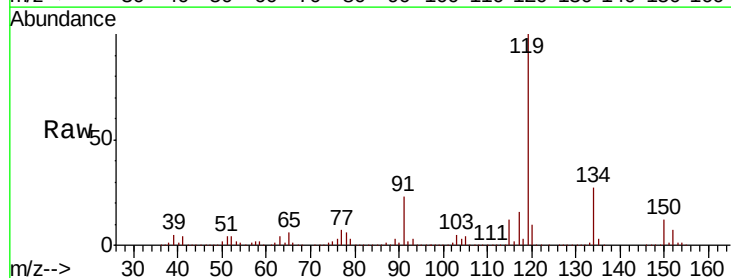
Tgt Ion:119 Resp: 674103

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 23.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

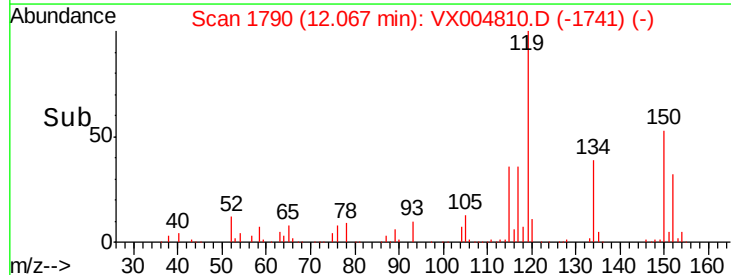
600000

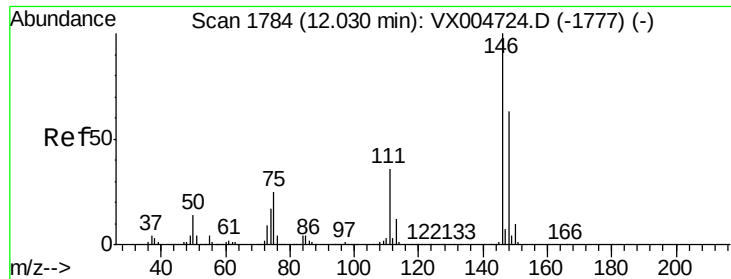
400000

200000

0

Time-->

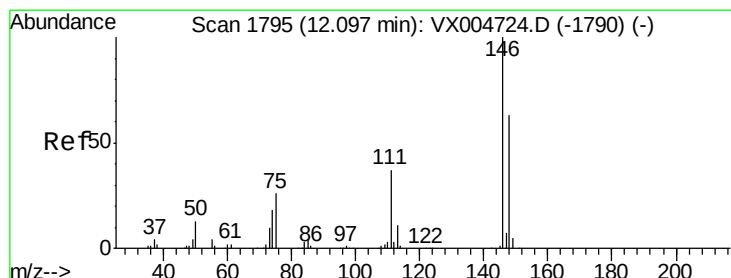
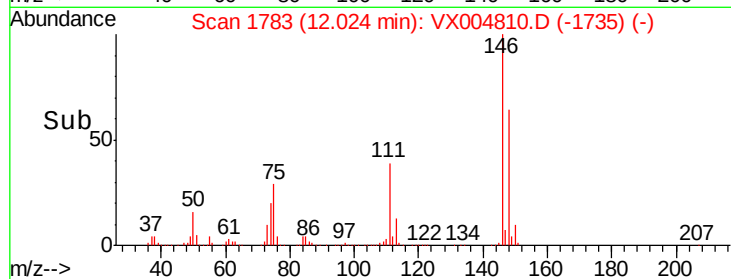
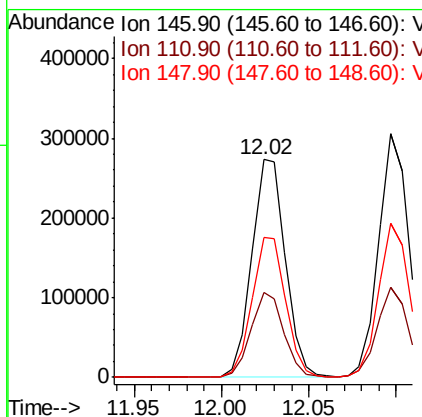
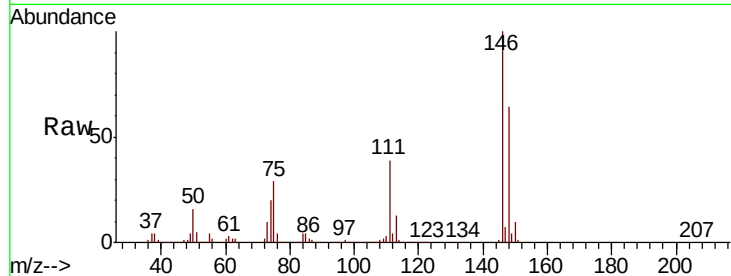




#87
 1,3-Dichlorobenzene
 Concen: 51.815 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

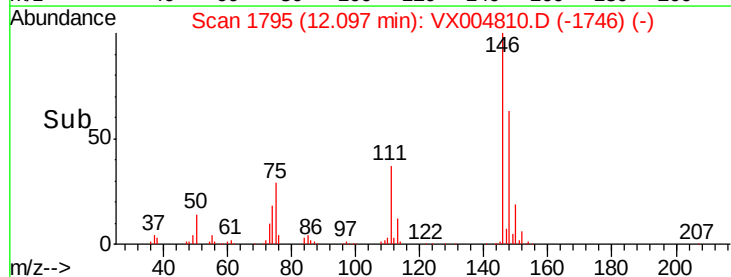
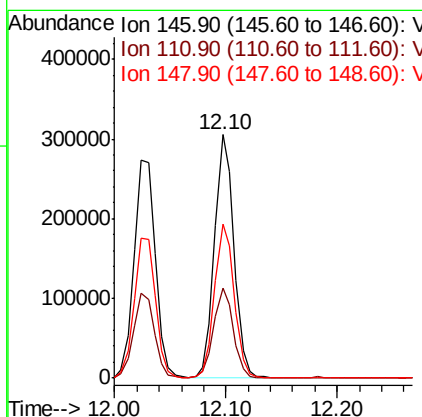
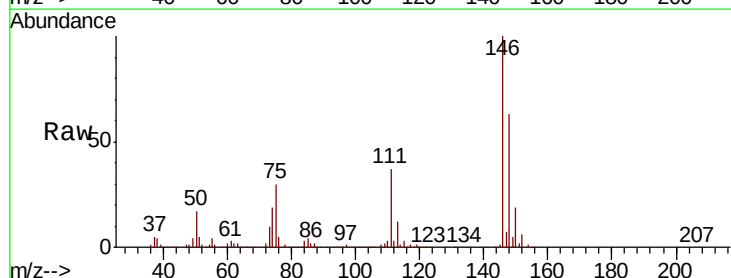
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

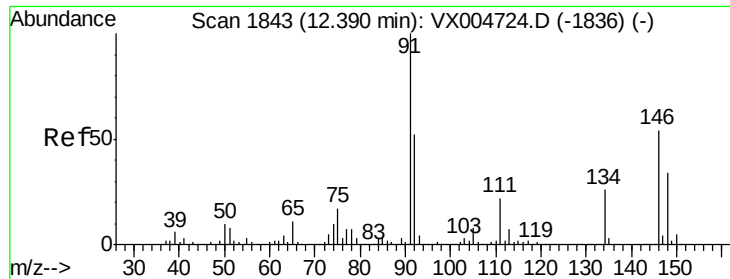
Tot Ion:146 Resp: 365420
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.936 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion:146 Resp: 370825
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 64.1 32.0 96.0

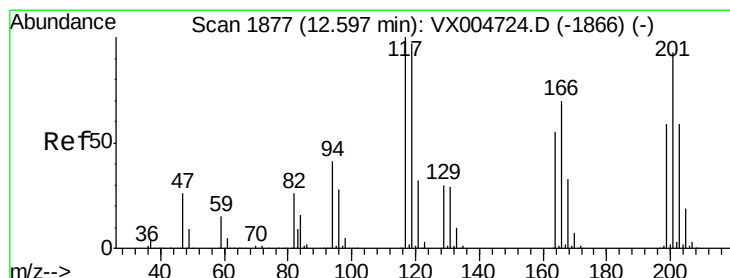
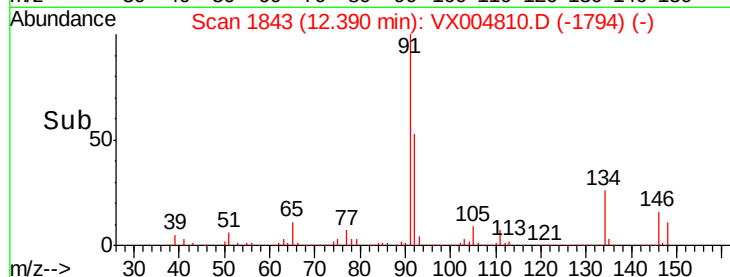
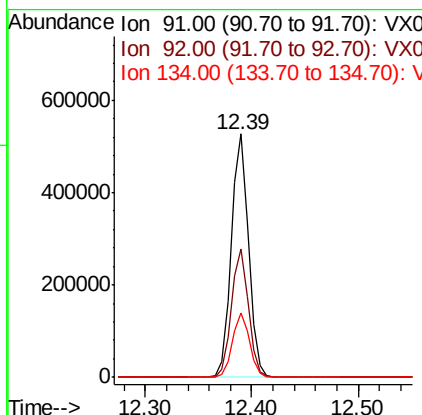
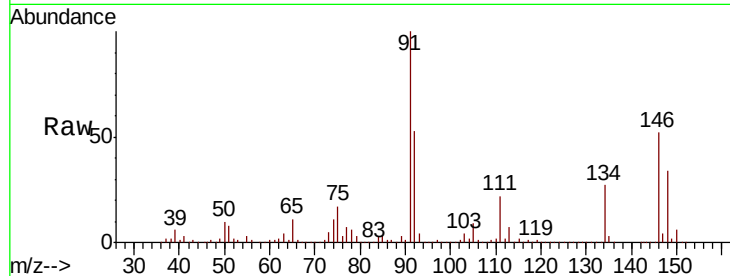




#89
n-Butylbenzene
Concen: 55.796 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

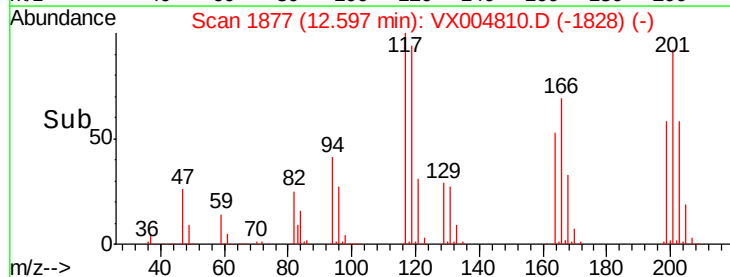
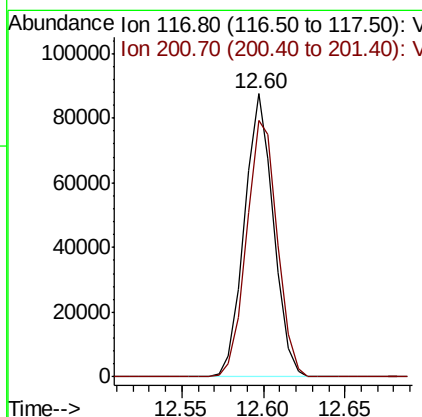
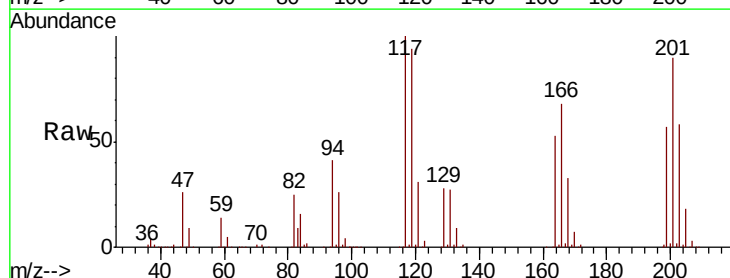
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

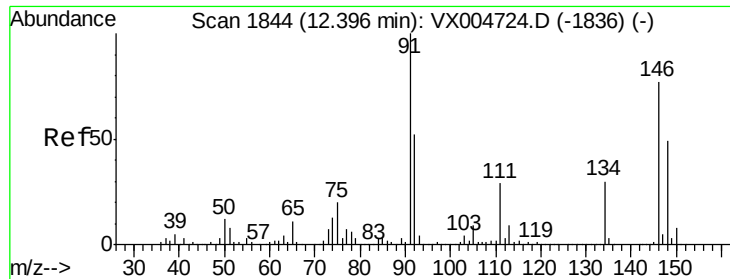
Tot Ion: 91 Resp: 598671
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.4 13.6 40.7



#90
Hexachloroethane
Concen: 55.160 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004810.D
Acq: 28 Sep 2018 08:10

Tgt Ion: 117 Resp: 108503
Ion Ratio Lower Upper
117 100
201 96.0 46.9 140.6

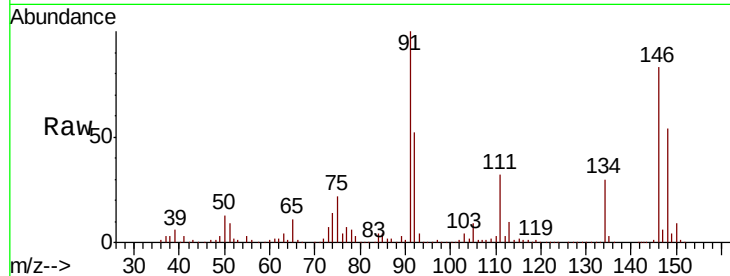




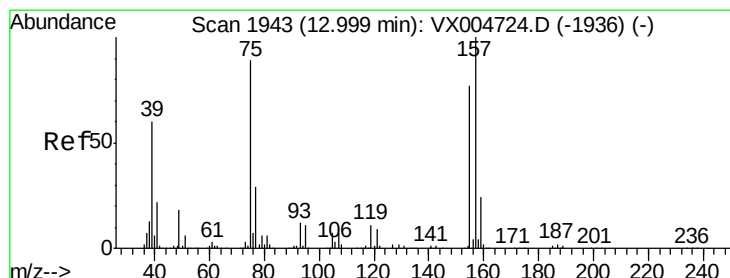
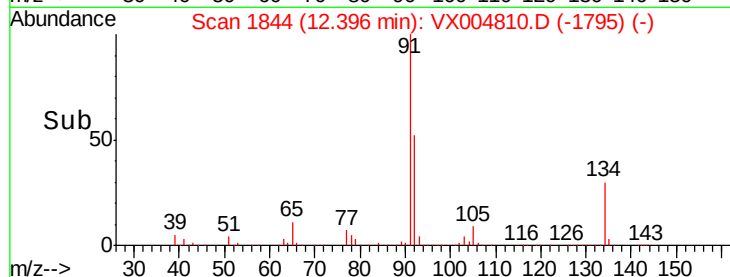
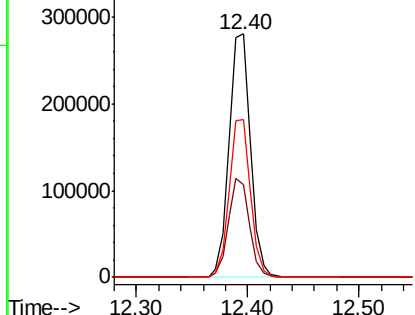
#91
 1,2-Dichlorobenzene
 Concen: 50.529 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 372402
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.1
 148 64.3 32.8 98.3

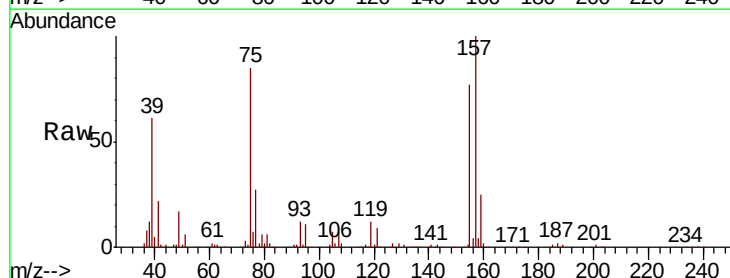


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

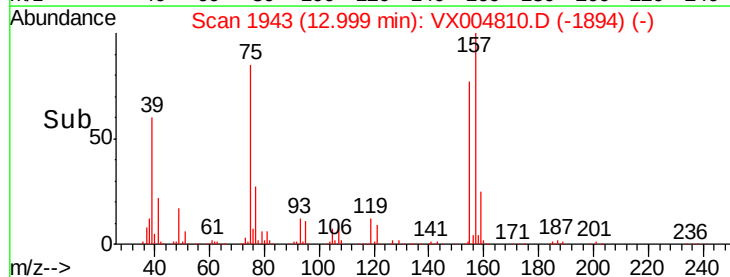
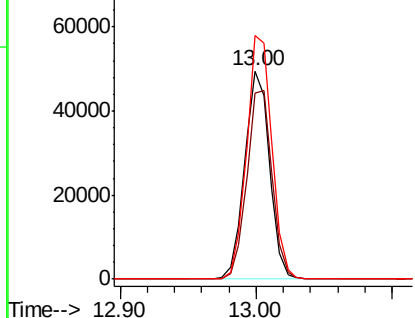


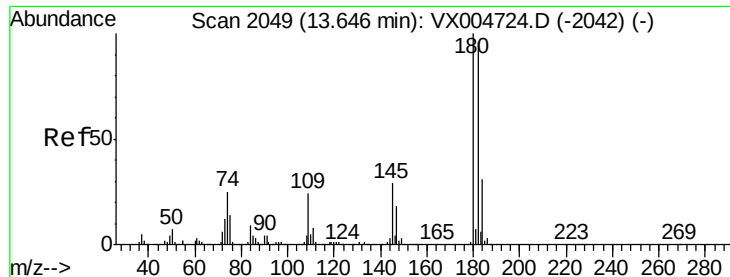
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.432 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion: 75 Resp: 63261
 Ion Ratio Lower Upper
 75 100
 155 92.1 48.0 144.2
 157 118.7 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

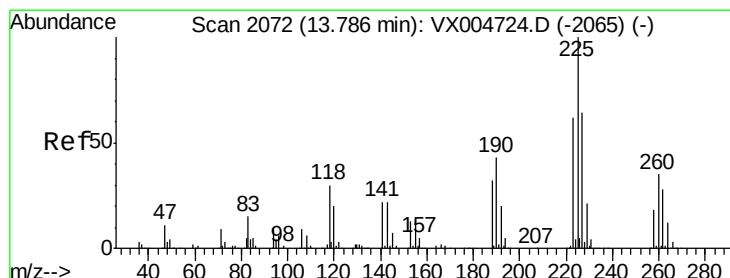
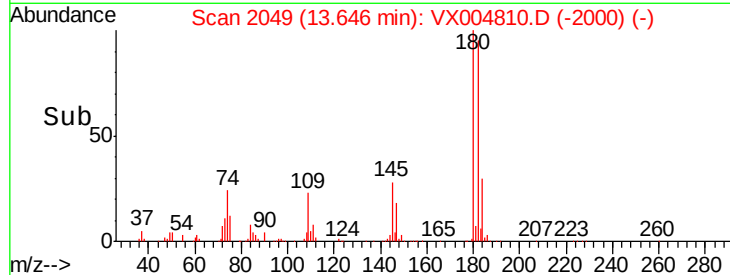
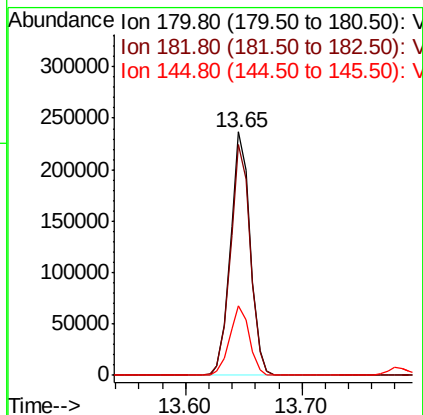
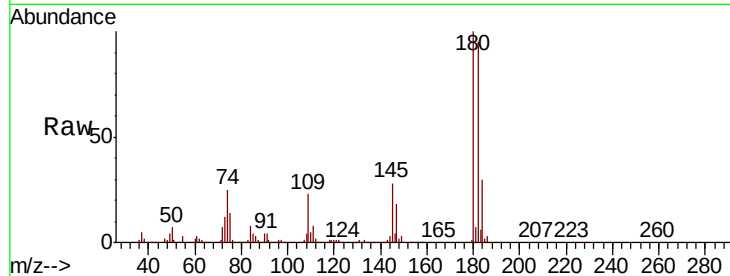




#93
 1,2,4-Trichlorobenzene
 Concen: 53.764 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

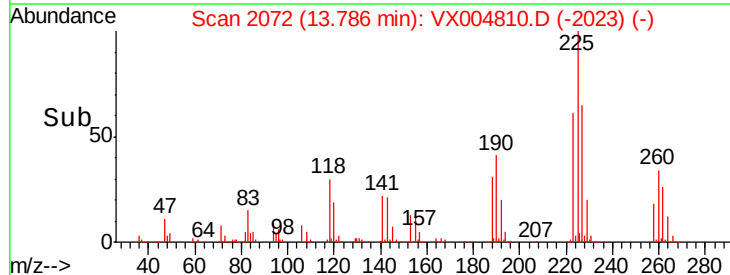
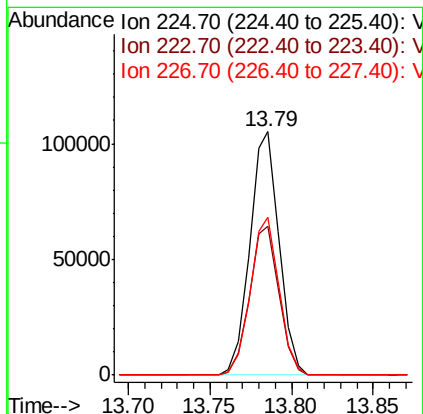
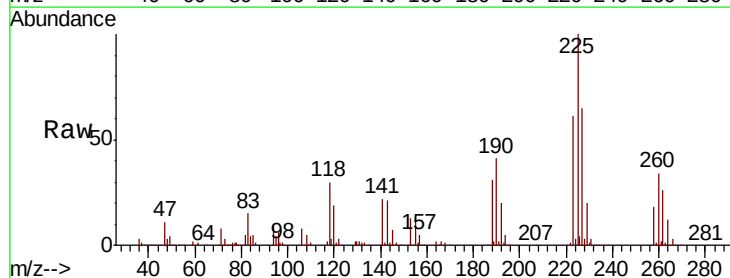
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

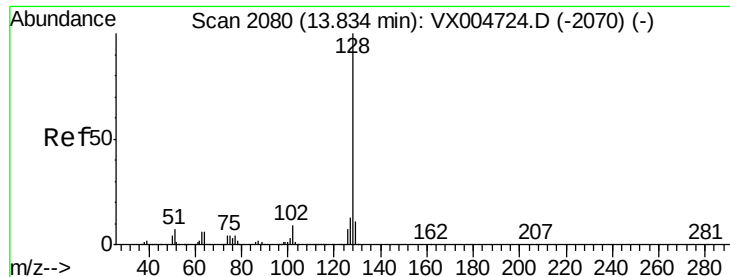
Tot Ion:180 Resp: 277960
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.0
 145 28.4 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 48.863 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004810.D
 Acq: 28 Sep 2018 08:10

Tgt Ion:225 Resp: 130999
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.1 90.5
 227 63.9 30.8 92.4





#95

Naphthalene

Concen: 52.885 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

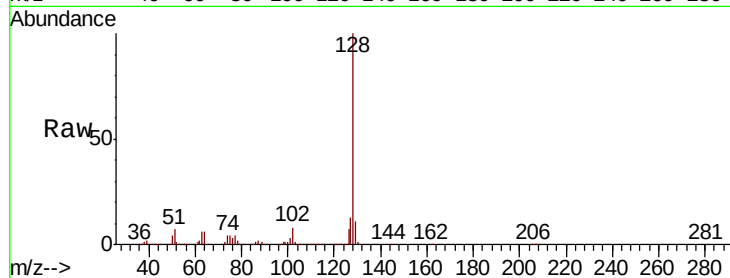
Tot Ion:128 Resp: 908202

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

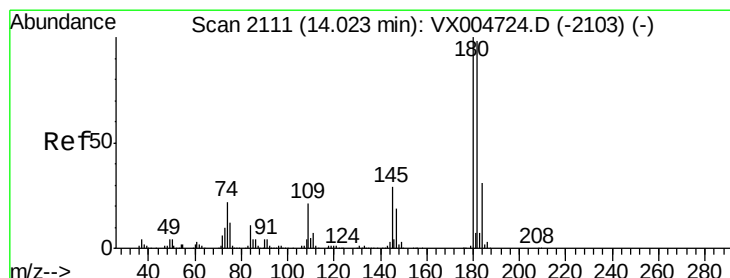
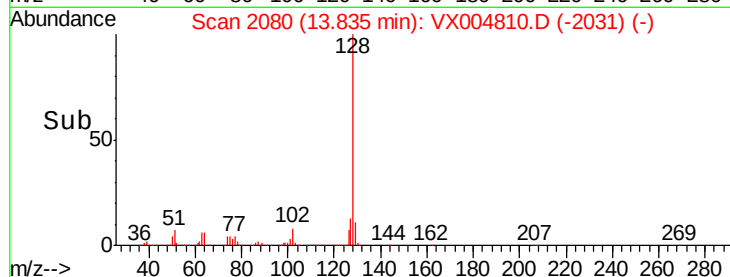
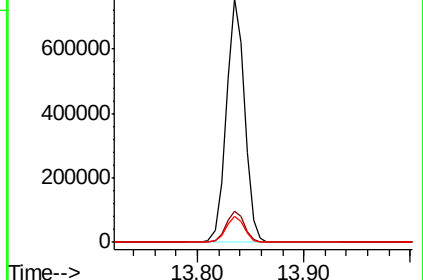
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.301 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004810.D

Acq: 28 Sep 2018 08:10

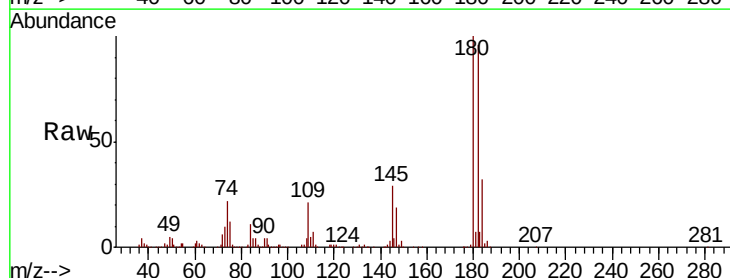
Tgt Ion:180 Resp: 284665

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 29.8 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

