

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010525.D
 Acq On : 28 Jun 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 04:35:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	262851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	369913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	181638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124957	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	5.49	113	123845	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
50) Toluene-d8	8.71	98	462664	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	11.13	95	172319	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81985	44.864	ug/l	98
3) Chloromethane	1.32	50	88374	41.531	ug/l	98
4) Vinyl Chloride	1.41	62	99127	42.531	ug/l	99
5) Bromomethane	1.64	94	51676	45.510	ug/l	99
6) Chloroethane	1.71	64	64686	47.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	179483	48.578	ug/l	100
8) Diethyl Ether	2.19	74	62742	47.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107398	47.967	ug/l	99
10) Methyl Iodide	2.51	142	154925	48.484	ug/l	98
11) Tert butyl alcohol	3.04	59	130581	202.490	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102163	44.841	ug/l	99
13) Acrolein	2.29	56	104192	243.556	ug/l	98
14) Allyl chloride	2.73	41	149060	46.083	ug/l	99
15) Acrylonitrile	3.14	53	291710	228.473	ug/l	99
16) Acetone	2.44	43	299828	242.751	ug/l	98
17) Carbon Disulfide	2.57	76	245533	40.169	ug/l	99
18) Methyl Acetate	2.77	43	113327	46.036	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339200	47.325	ug/l	99
20) Methylene Chloride	2.85	84	118242	46.519	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	111867	45.653	ug/l	97
22) Diisopropyl ether	3.85	45	320600	47.406	ug/l	90
23) Vinyl Acetate	3.81	43	1407590	240.931	ug/l	100
24) 1,1-Dichloroethane	3.69	63	183727	47.000	ug/l	99
25) 2-Butanone	4.67	43	422762	233.341	ug/l	99
26) 2,2-Dichloropropane	4.58	77	162083	47.730	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132182	46.681	ug/l	99
28) Bromochloromethane	5.01	49	83087	44.455	ug/l	98
29) Tetrahydrofuran	5.12	42	248533	221.464	ug/l	99
30) Chloroform	5.21	83	200244	47.609	ug/l	97
31) Cyclohexane	5.57	56	163403	45.902	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176617	47.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143387	48.779	ug/l	99
37) Ethyl Acetate	4.83	43	151550	50.115	ug/l	99
38) Carbon Tetrachloride	5.78	117	158404	49.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194049	50.221	ug/l	97
40) Benzene	6.14	78	451774	49.331	ug/l	99
41) Methacrylonitrile	5.03	41	81911	49.366	ug/l	98
42) 1,2-Dichloroethane	6.19	62	145889	52.333	ug/l	99
43) Isopropyl Acetate	6.44	43	249997	49.967	ug/l	99
44) Trichloroethene	7.21	130	139379	50.862	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115190	49.808	ug/l	97
46) Dibromomethane	7.66	93	83312	50.210	ug/l	100
47) Bromodichloromethane	7.90	83	153072	50.339	ug/l	100
48) Methyl methacrylate	7.77	41	117426	50.493	ug/l	99
49) 1,4-Dioxane	7.74	88	60404	901.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	801333	250.424	ug/l	99
52) Toluene	8.78	92	303510	50.326	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170639	50.053	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	188888	50.984	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	126866	51.006	ug/l	98
56) Ethyl methacrylate	9.18	69	192651	51.130	ug/l	98
57) 1,3-Dichloropropane	9.37	76	194215	50.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458075	255.984	ug/l	99
59) 2-Hexanone	9.49	43	631872	250.898	ug/l	100
60) Dibromochloromethane	9.58	129	140474	50.441	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135316	50.402	ug/l	100
64) Tetrachloroethene	9.34	164	139972	50.837	ug/l	98
65) Chlorobenzene	10.13	112	350527	50.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	130496	51.838	ug/l	99
67) Ethyl Benzene	10.25	91	595863	51.071	ug/l	100
68) m/p-Xylenes	10.35	106	462790	102.368	ug/l	99
69) o-Xylene	10.69	106	226748	51.002	ug/l	99
70) Styrene	10.71	104	390891	52.428	ug/l	100
71) Bromoform	10.85	173	111275	50.830	ug/l	99
73) Isopropylbenzene	11.02	105	611329	49.650	ug/l	99
74) N-amyl acetate	10.90	43	232777	50.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195014	47.825	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	216681	65.464	ug/l	80
77) Bromobenzene	11.25	156	168865	49.116	ug/l	99
78) n-propylbenzene	11.36	91	685814	50.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	396174	49.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	513516	50.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63233	44.568	ug/l	96
82) 4-Chlorotoluene	11.51	91	461537	50.335	ug/l	99
83) tert-Butylbenzene	11.77	119	516912	50.738	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	520667	51.056	ug/l	99
85) sec-Butylbenzene	11.94	105	617255	51.602	ug/l	99
86) p-Isopropyltoluene	12.06	119	576385	52.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302361	50.382	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	300373	49.163	ug/l	100
89) n-Butylbenzene	12.38	91	500236	53.205	ug/l	99
90) Hexachloroethane	12.60	117	90813	47.467	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	294988	49.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39769	45.235	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

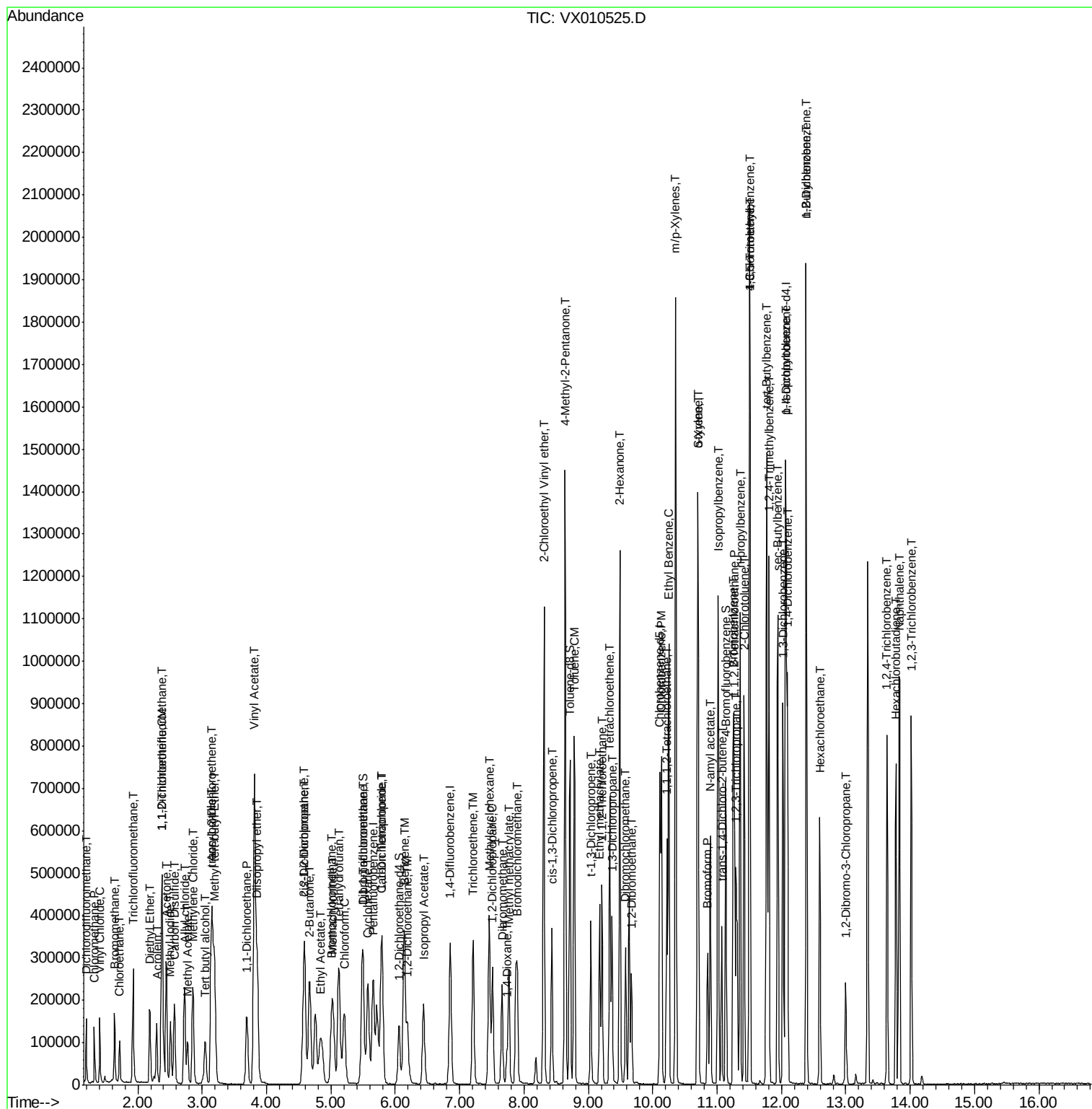
Quant Time: Jun 29 04:35:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
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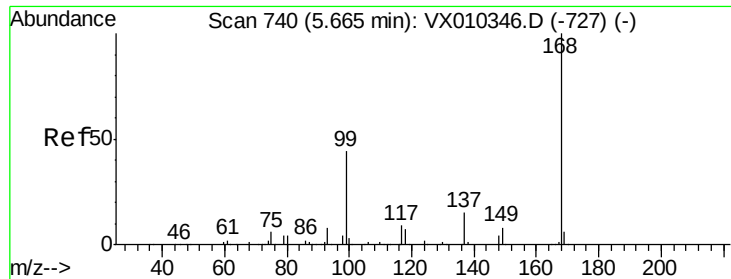
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218436	52.808	ug/l	100
94) Hexachlorobutadiene	13.78	225	111282	55.047	ug/l	98
95) Naphthalene	13.83	128	633965	49.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	216042	52.531	ug/l	100

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 29 04:35:10 2019
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

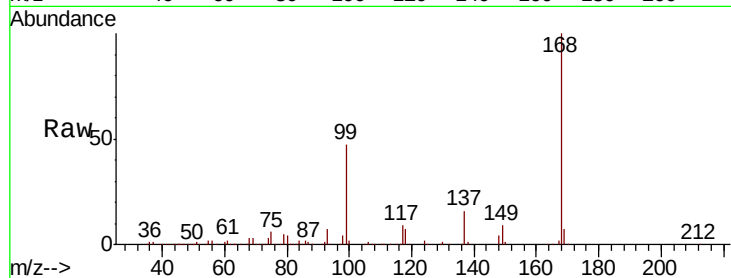
VSTDCCC050

Tot Ion:168 Resp: 262851

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

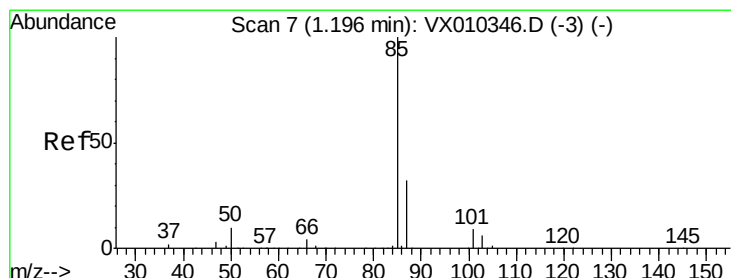
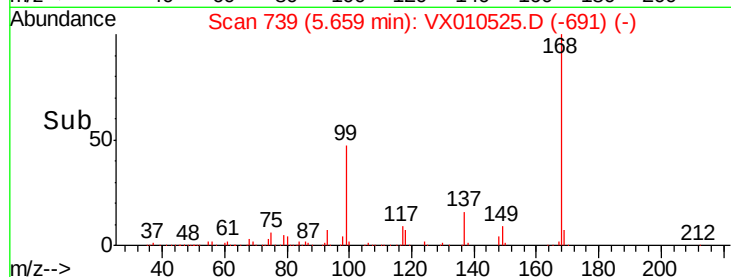
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.864 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010525.D

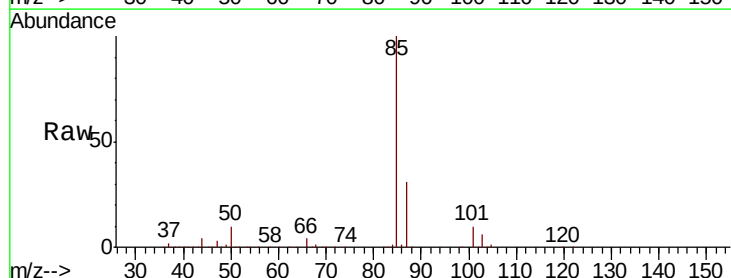
Acq: 28 Jun 2019 10:11

Tgt Ion: 85 Resp: 81985

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

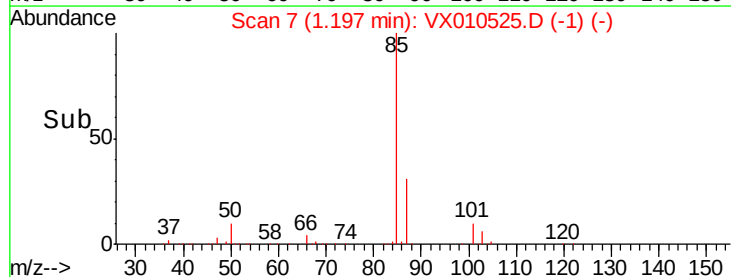
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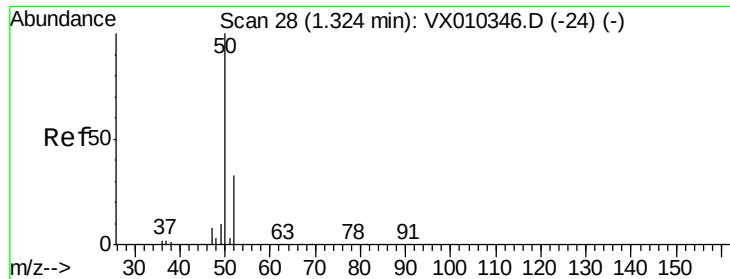
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.531 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

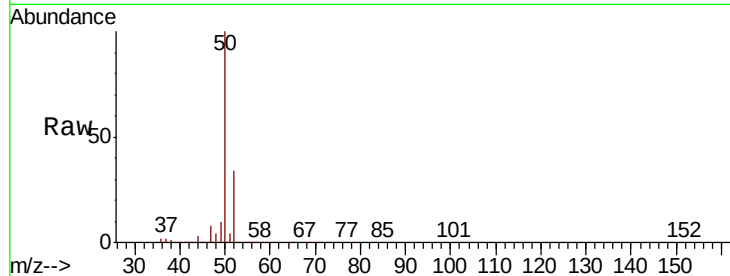
VSTDCCC050

Tot Ion: 50 Resp: 88374

Ion Ratio Lower Upper

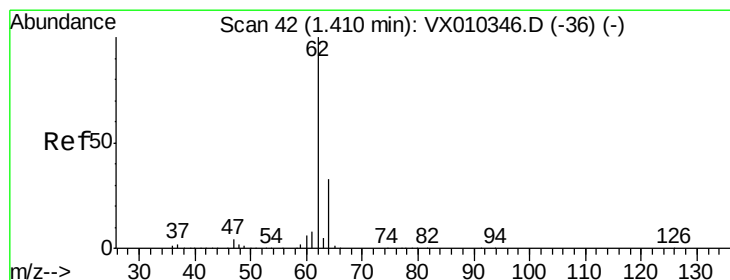
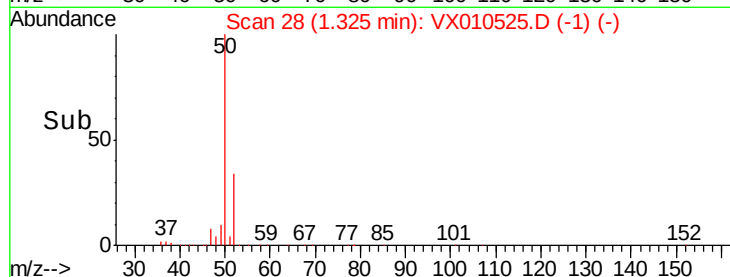
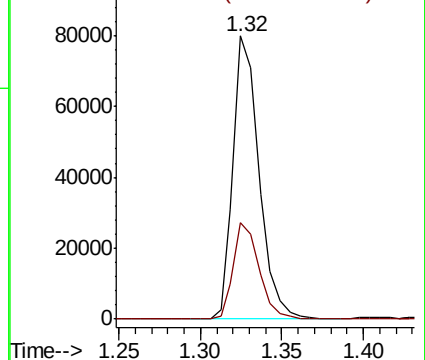
50 100

52 34.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.531 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010525.D

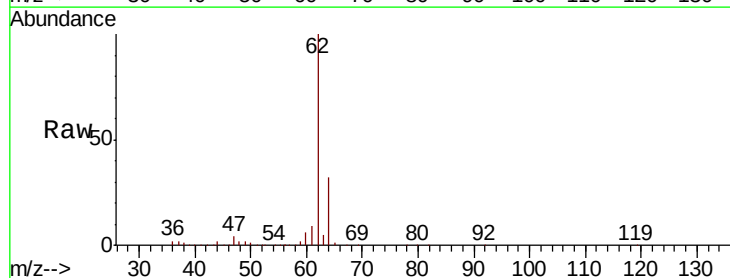
Acq: 28 Jun 2019 10:11

Tgt Ion: 62 Resp: 99127

Ion Ratio Lower Upper

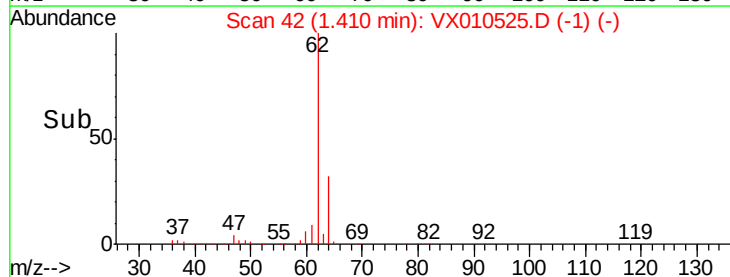
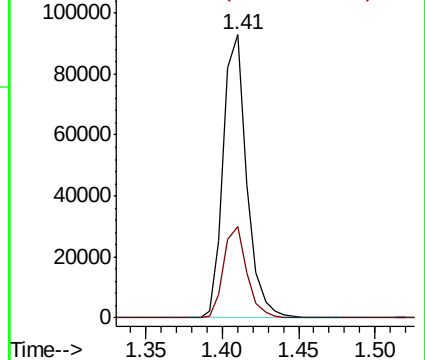
62 100

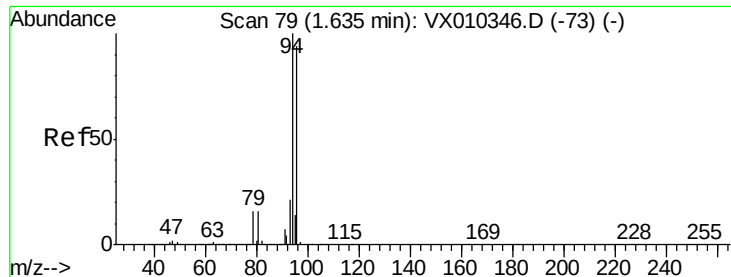
64 32.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.510 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

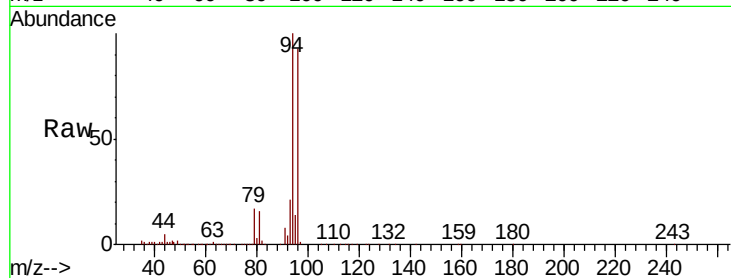
VSTDCCC050

Tot Ion: 94 Resp: 51676

Ion Ratio Lower Upper

94 100

96 93.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

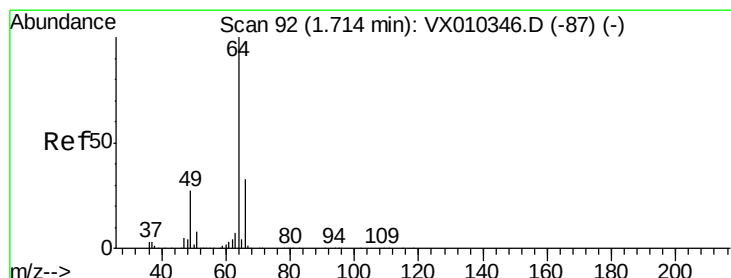
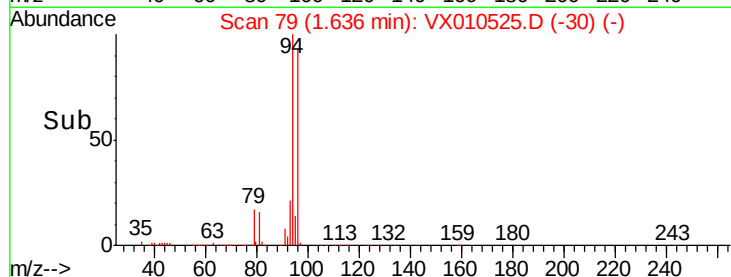
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 47.042 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010525.D

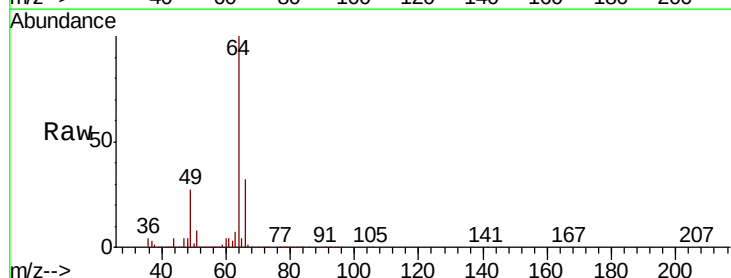
Acq: 28 Jun 2019 10:11

Tgt Ion: 64 Resp: 64686

Ion Ratio Lower Upper

64 100

66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

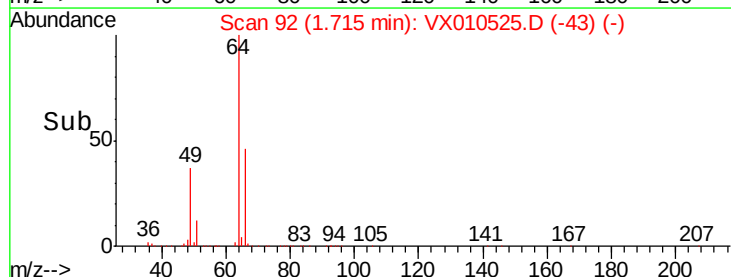
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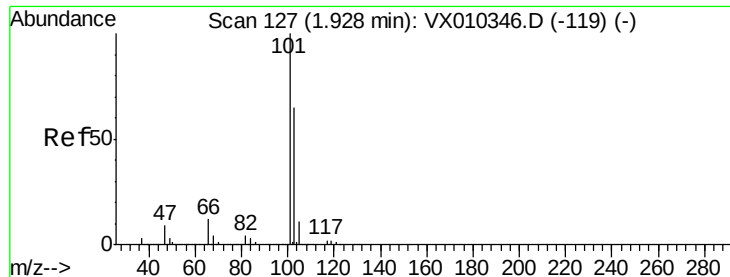
20000

10000

0

Time-->



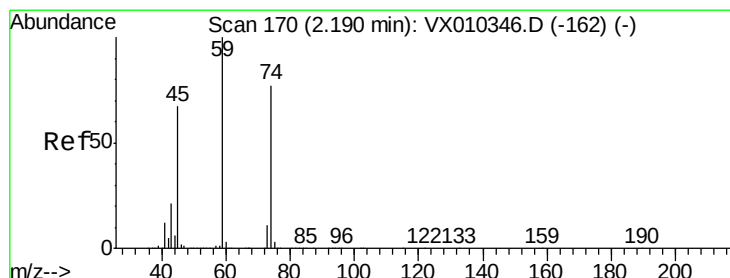
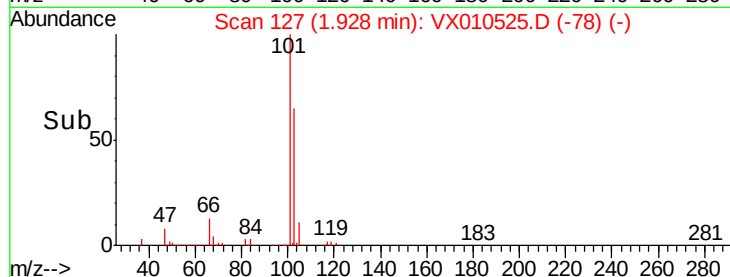
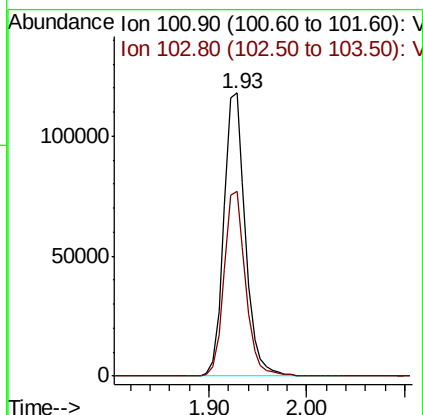
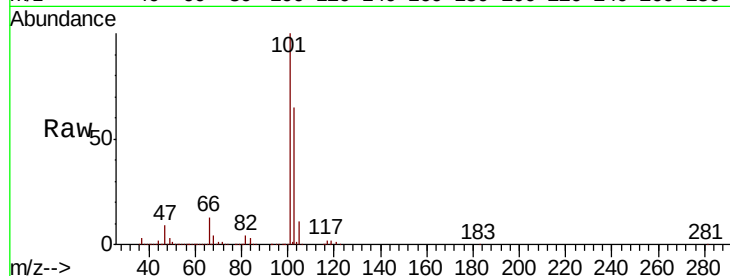


#7

Trichlorofluoromethane
Concen: 48.578 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
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VSTDCCC050

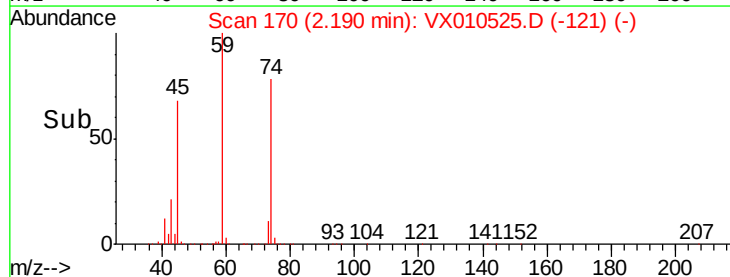
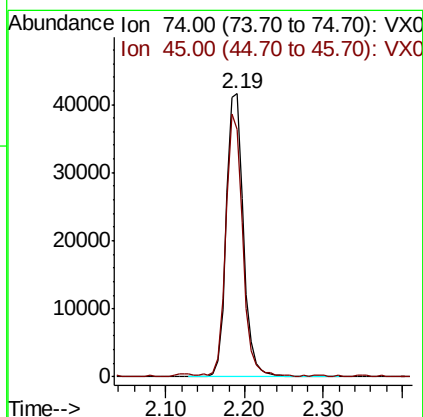
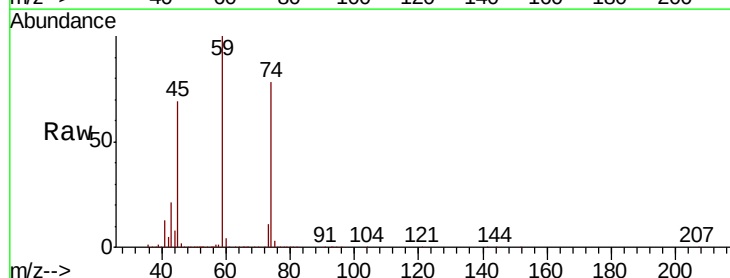
Tot Ion:101 Resp: 179483
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

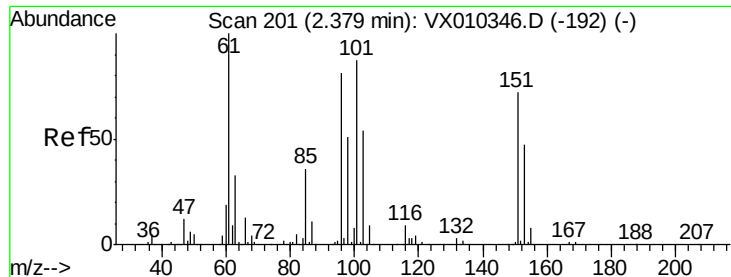


#8

Diethyl Ether
Concen: 47.353 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 74 Resp: 62742
Ion Ratio Lower Upper
74 100
45 90.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.967 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

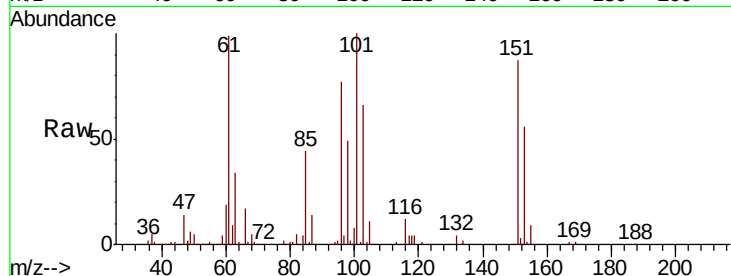
Tot Ion:101 Resp: 107398

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

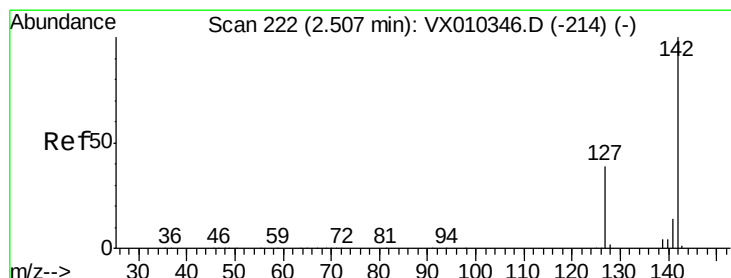
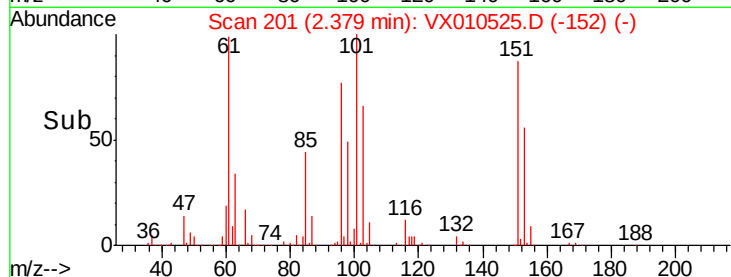
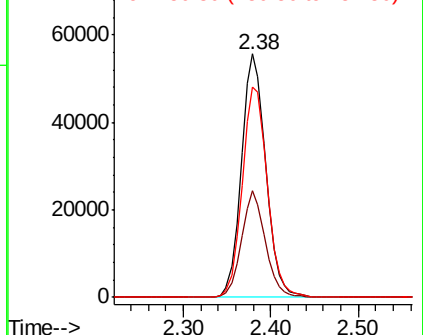
151 89.0 70.1 105.1



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: 48.484 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

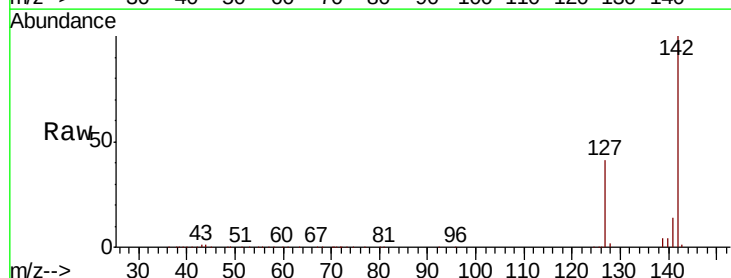
Tgt Ion:142 Resp: 154925

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

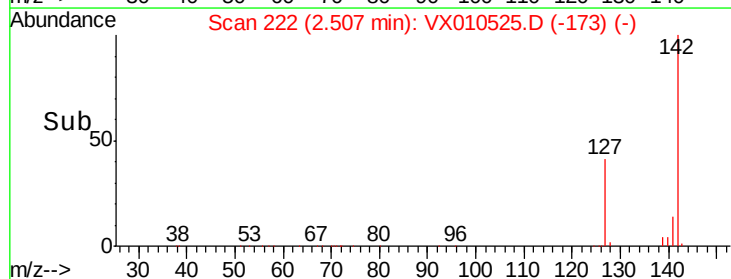
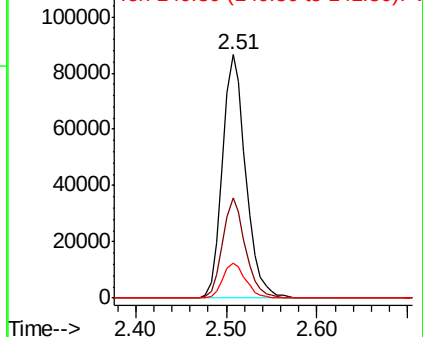
141 14.2 11.2 16.8

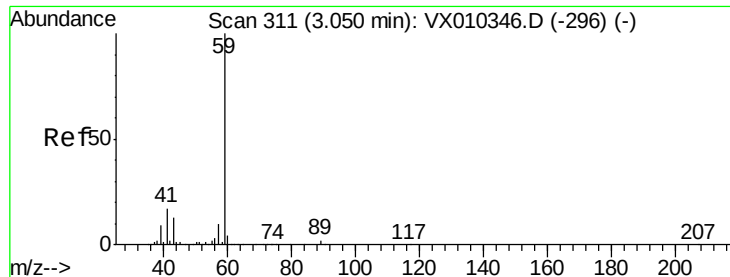


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

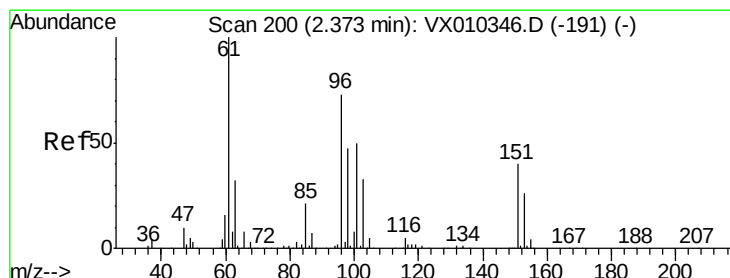
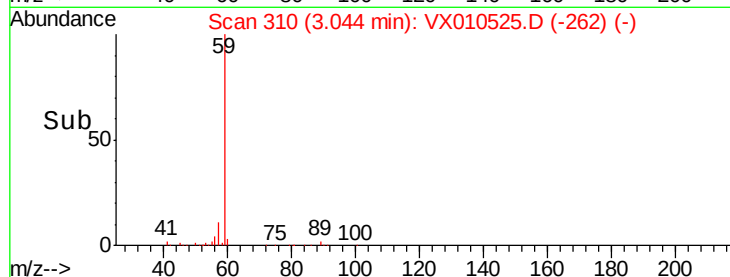
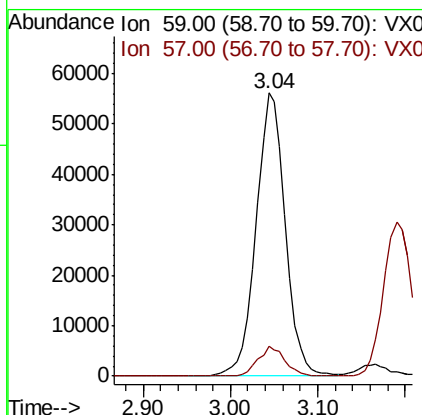
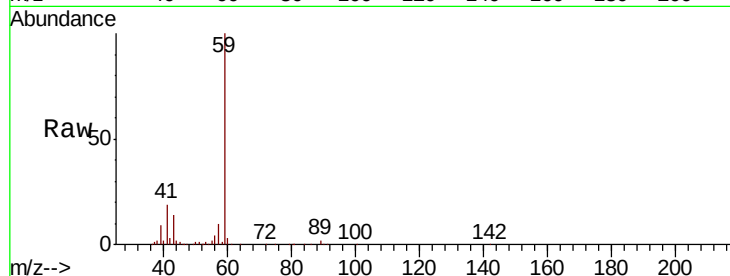




#11
Tert butyl alcohol
Concen: 202.490 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

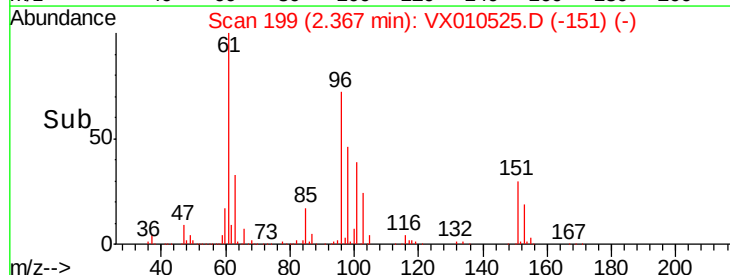
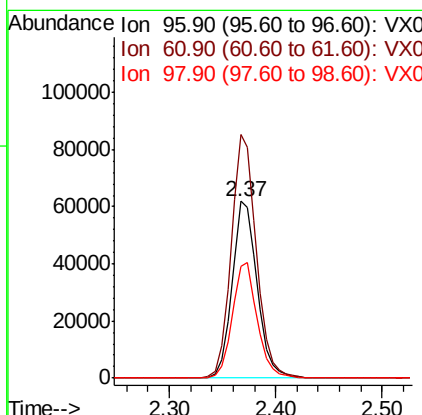
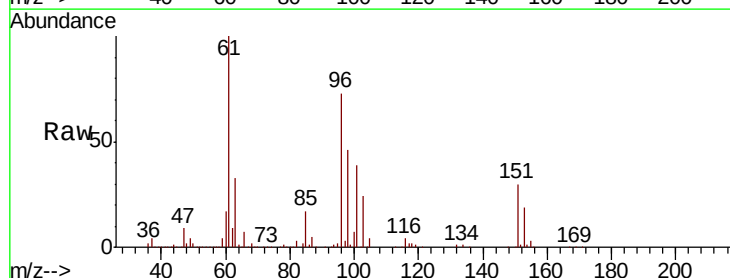
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

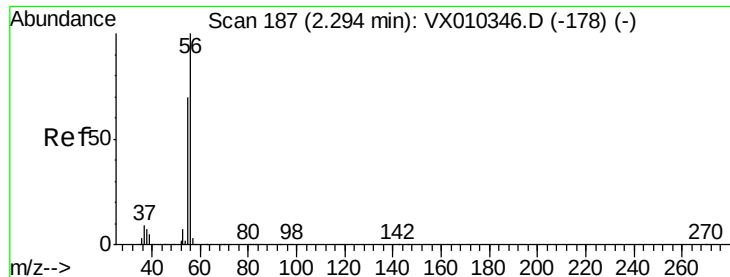
Tot Ion: 59 Resp: 130581
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 44.841 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 96 Resp: 102163
Ion Ratio Lower Upper
96 100
61 137.9 109.2 163.8
98 63.5 51.1 76.7





#13

Acrolein

Concen: 243.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

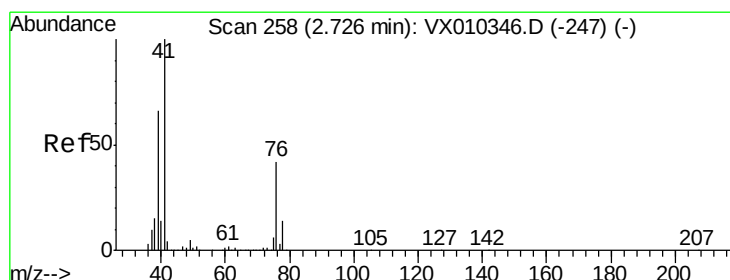
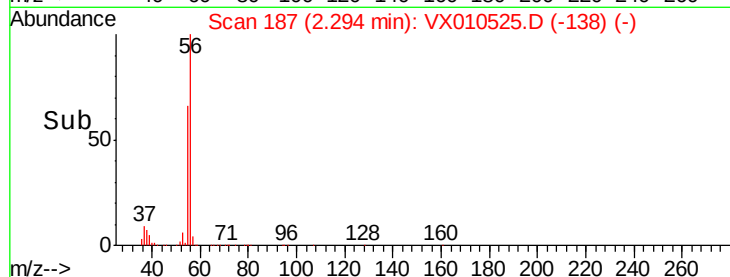
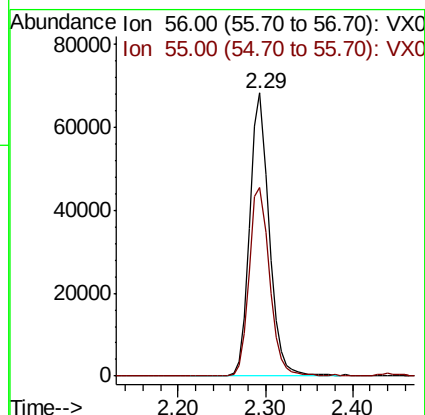
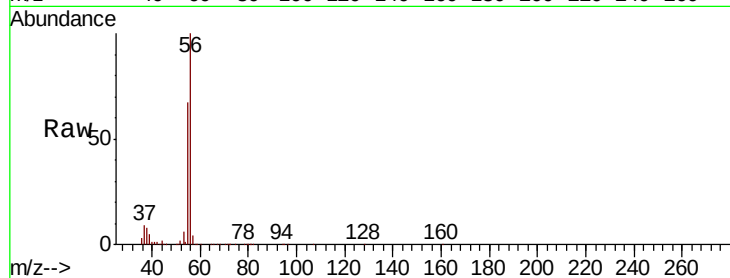
VSTDCCC050

Tot Ion: 56 Resp: 104192

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 46.083 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

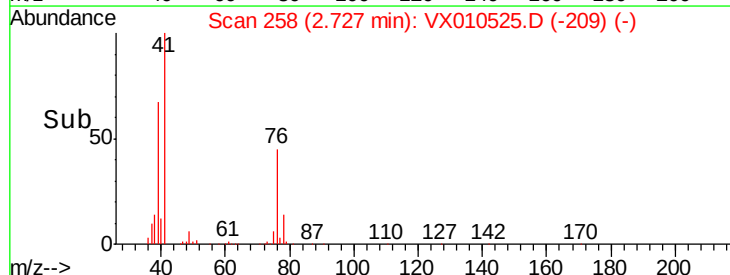
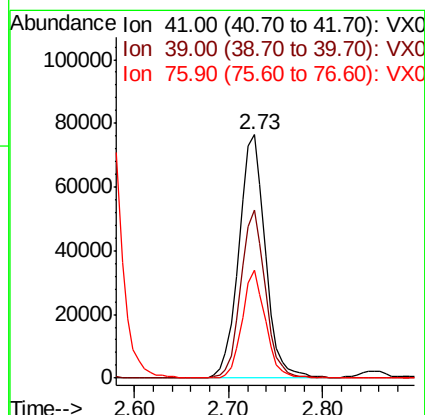
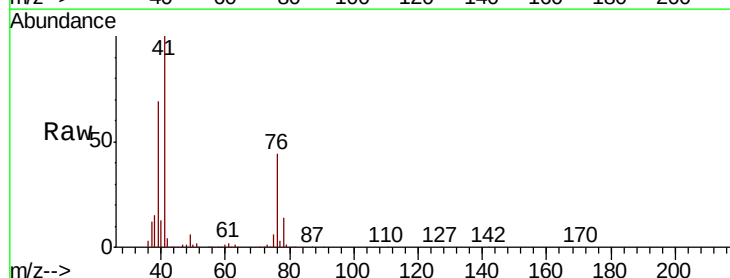
Tgt Ion: 41 Resp: 149060

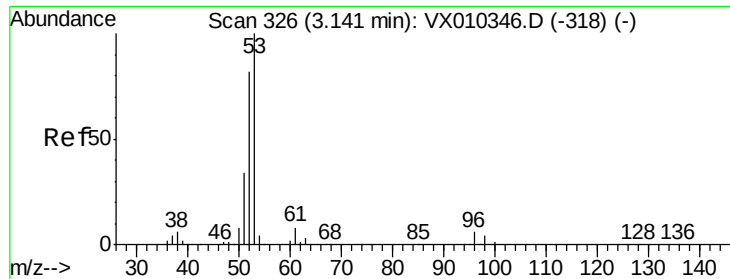
Ion Ratio Lower Upper

41 100

39 64.3 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 228.473 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

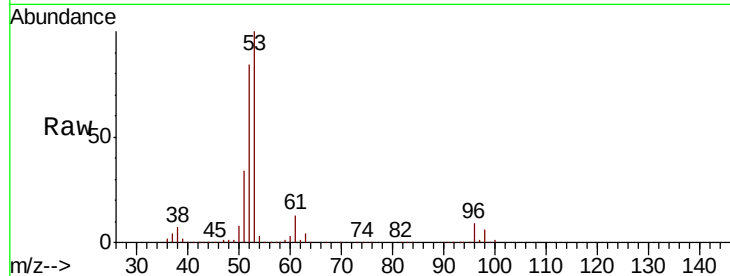
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 291710

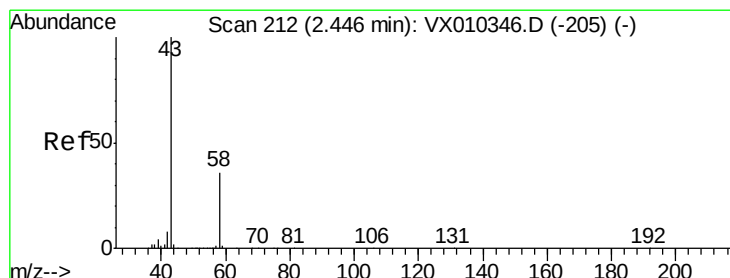
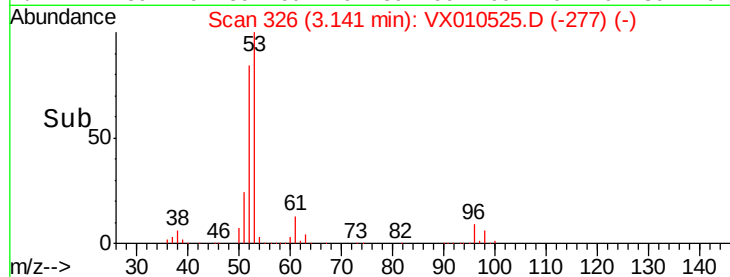
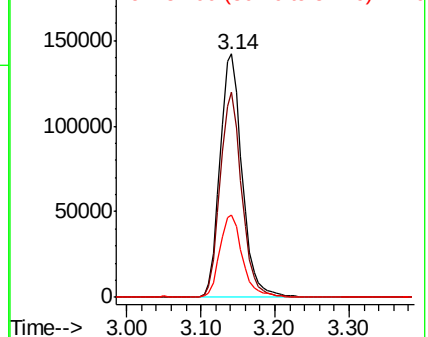
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	34.8	28.2	42.4



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



#16

Acetone

Concen: 242.751 ug/l

RT: 2.44 min Scan# 211

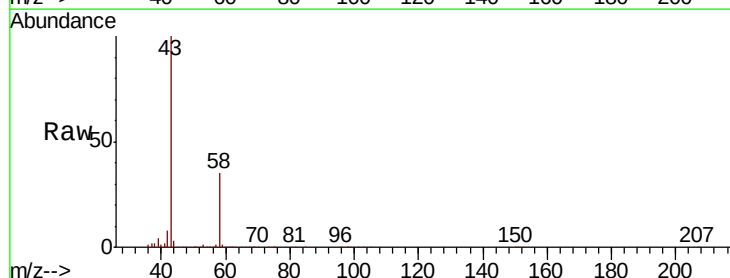
Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

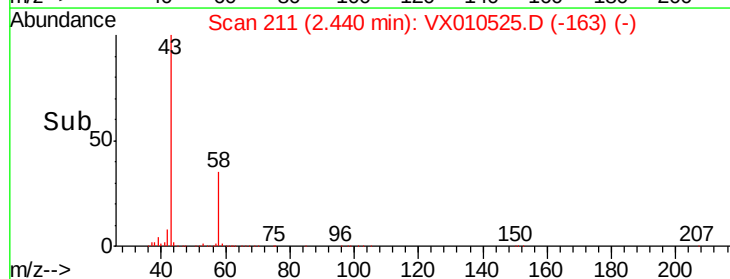
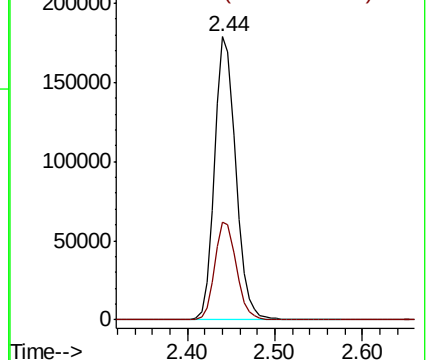
Tgt Ion: 43 Resp: 299828

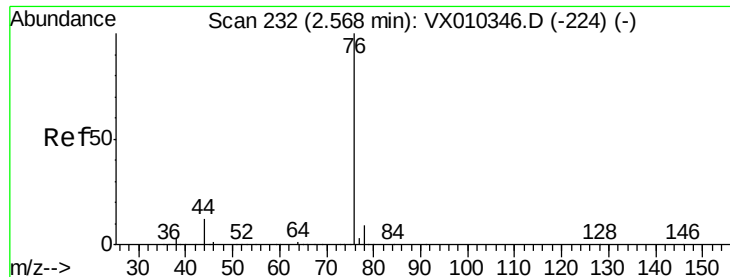
Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.9	43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.169 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

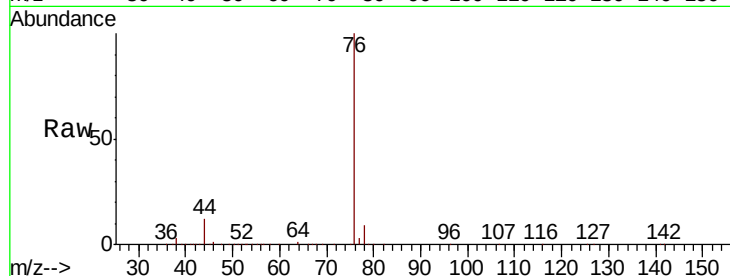
VSTDCCC050

Tot Ion: 76 Resp: 245533

Ion Ratio Lower Upper

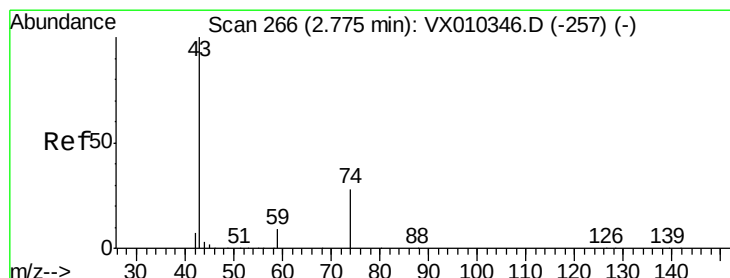
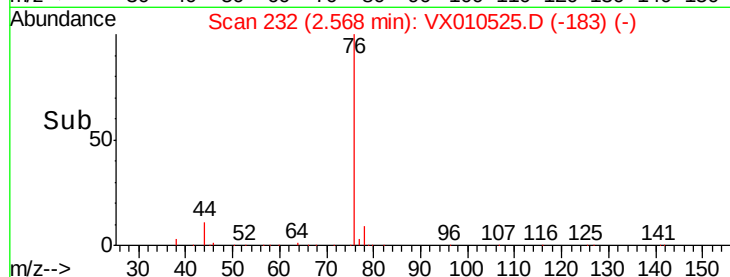
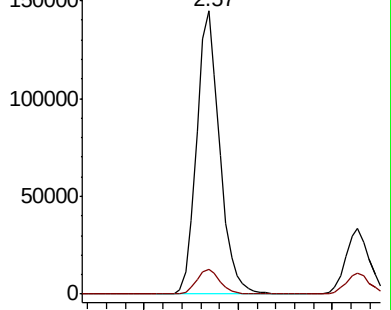
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.036 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010525.D

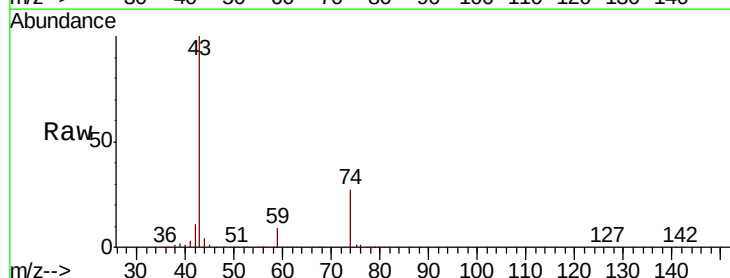
Acq: 28 Jun 2019 10:11

Tgt Ion: 43 Resp: 113327

Ion Ratio Lower Upper

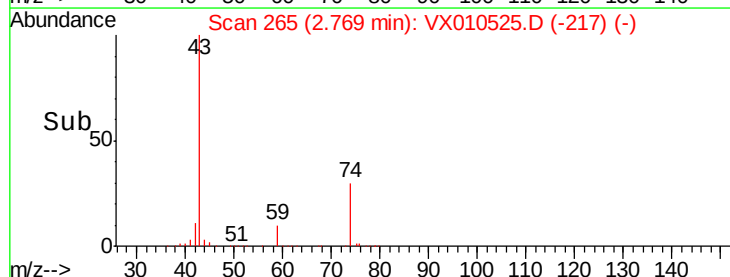
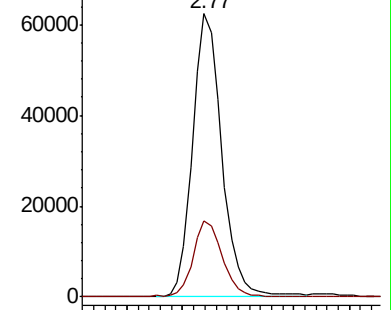
43 100

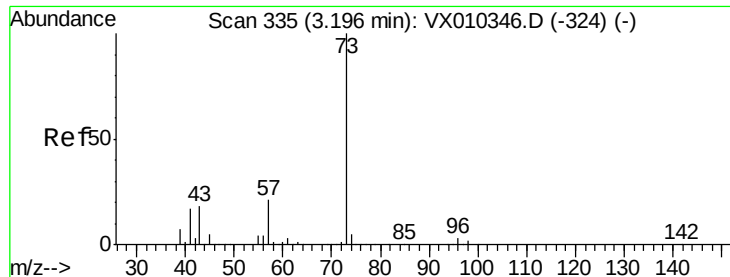
74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

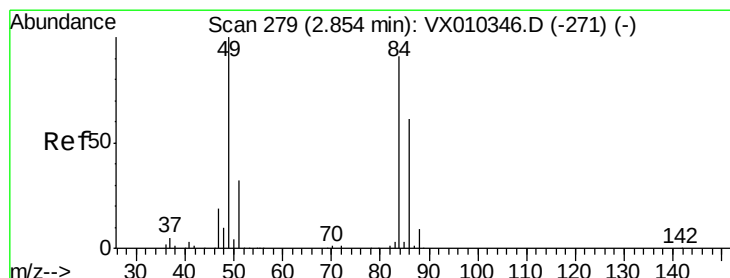
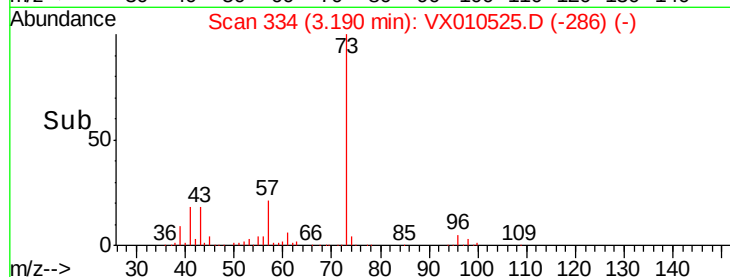
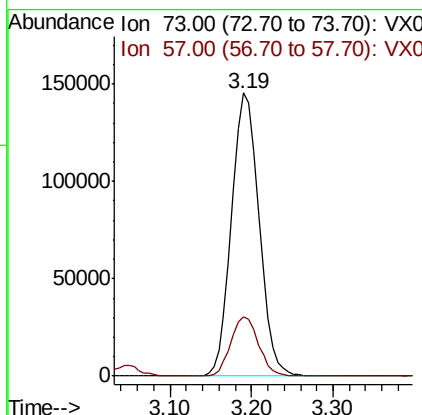
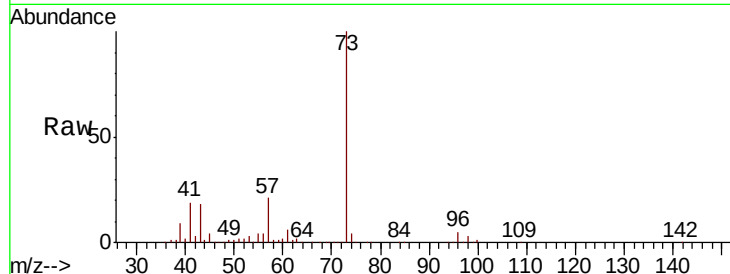




#19
Methyl tert-butyl Ether
Concen: 47.325 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

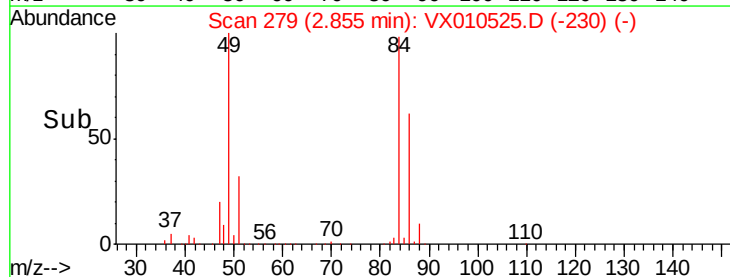
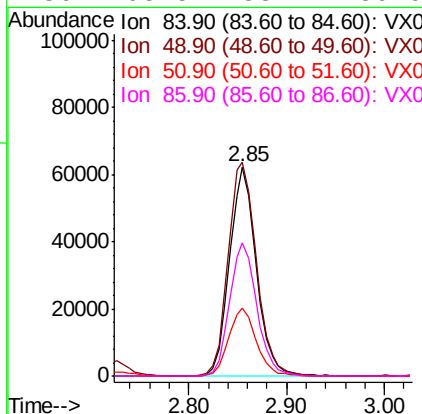
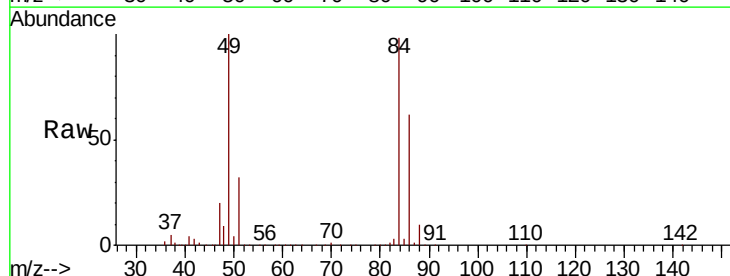
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

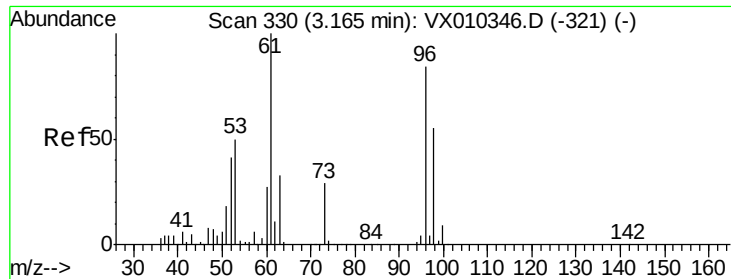
Tot Ion: 73 Resp: 339200
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 46.519 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 84 Resp: 118242
Ion Ratio Lower Upper
84 100
49 101.9 87.5 131.3
51 32.5 27.7 41.5
86 63.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 45.653 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

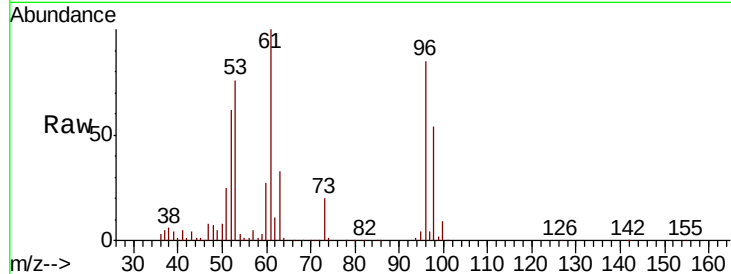
Tot Ion: 96 Resp: 111867

Ion Ratio Lower Upper

96 100

61 116.9 95.6 143.4

98 63.2 52.5 78.7

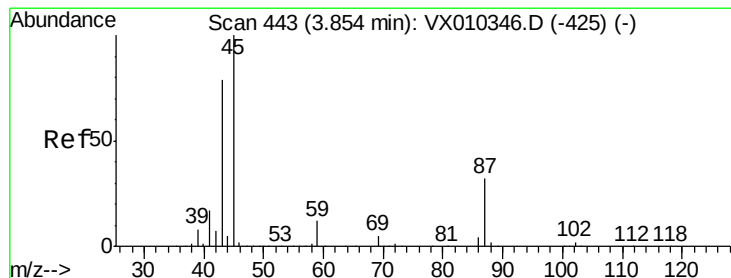
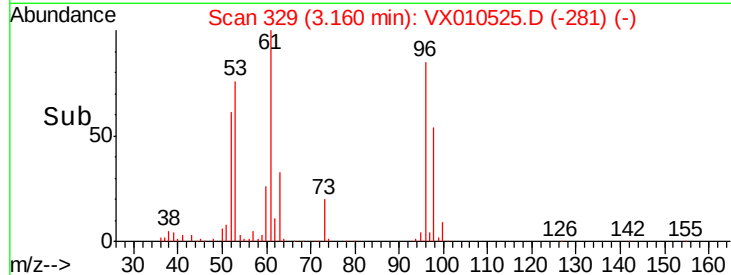
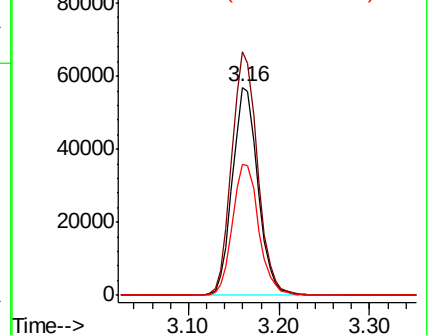


Abundance

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: 47.406 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion: 45 Resp: 320600

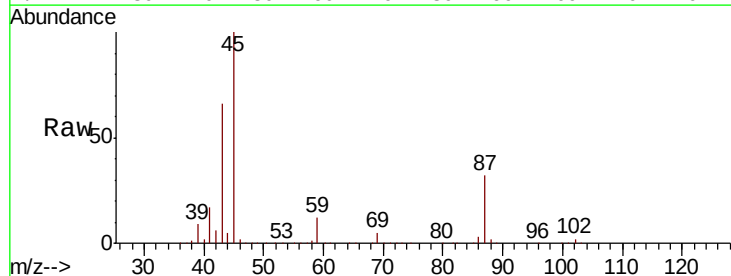
Ion Ratio Lower Upper

45 100

43 66.2 63.3 94.9

87 32.1 25.8 38.8

59 12.1 9.6 14.4



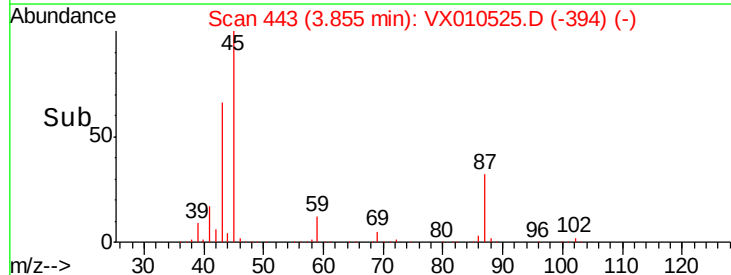
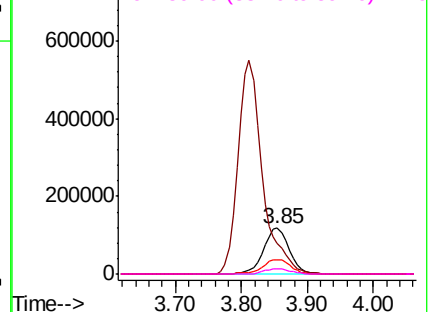
Abundance

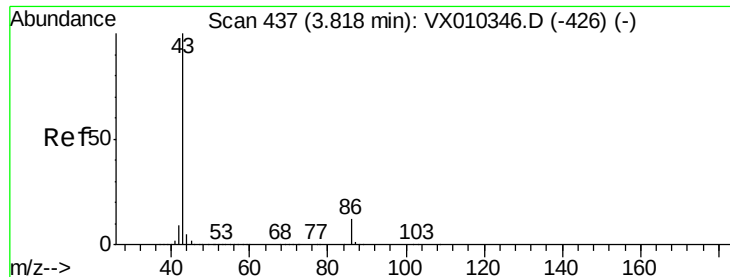
Ion 45.00 (44.70 to 45.70): VX0

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: 240.931 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

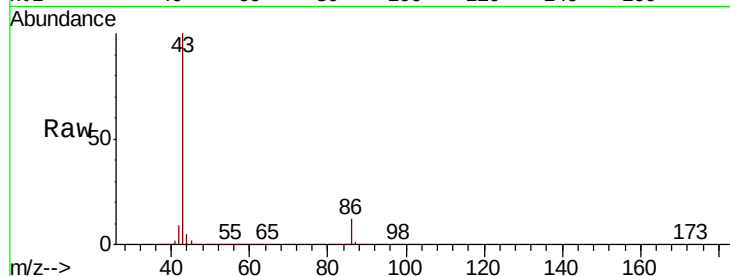
VSTDCCC050

Tot Ion: 43 Resp: 1407590

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

300000

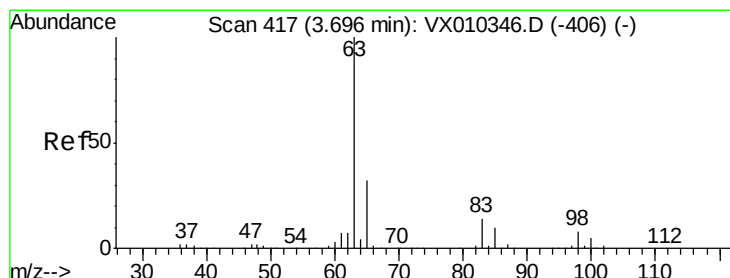
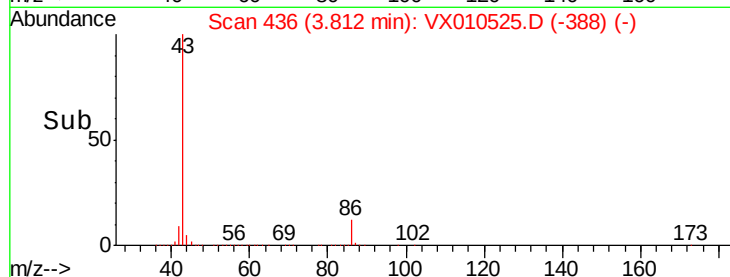
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.000 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

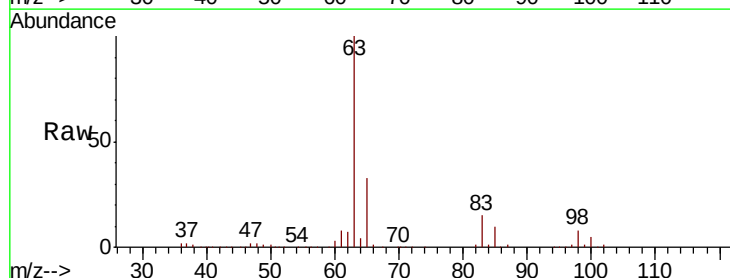
Tgt Ion: 63 Resp: 183727

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.4 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

100000

80000

60000

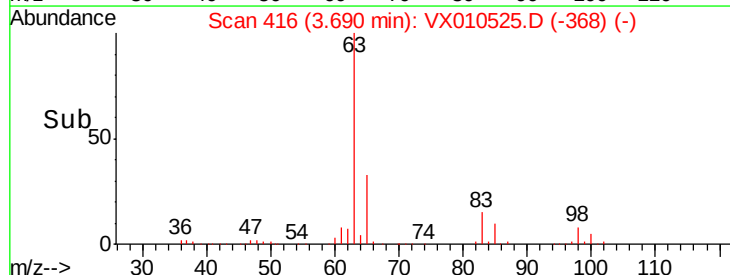
40000

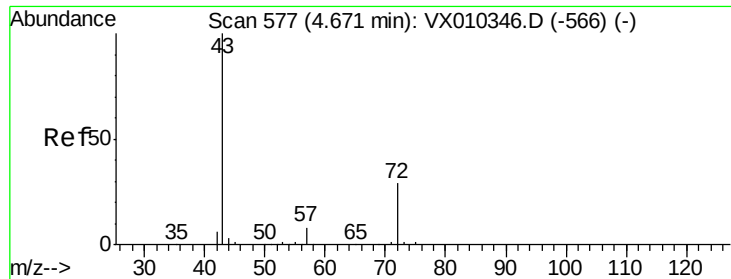
20000

0

Time-->

3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 233.341 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

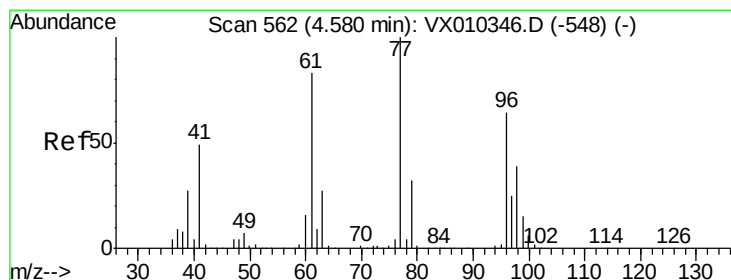
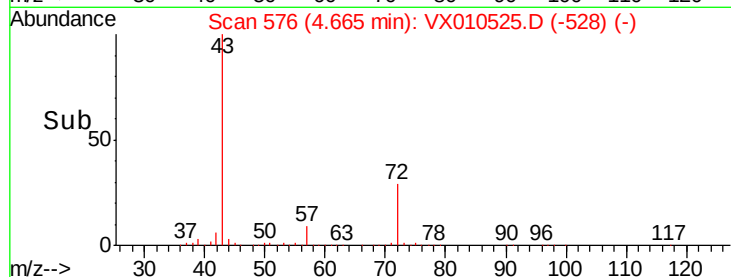
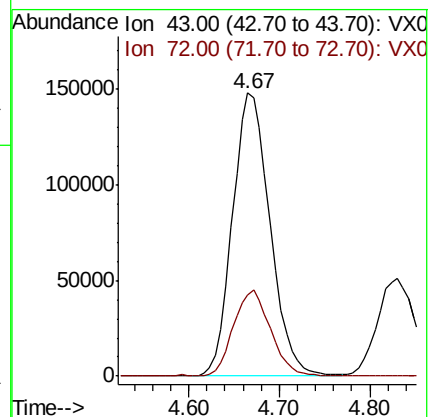
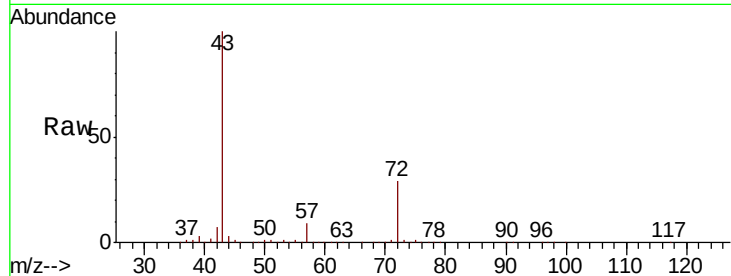
VSTDCCC050

Tot Ion: 43 Resp: 422762

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 47.730 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010525.D

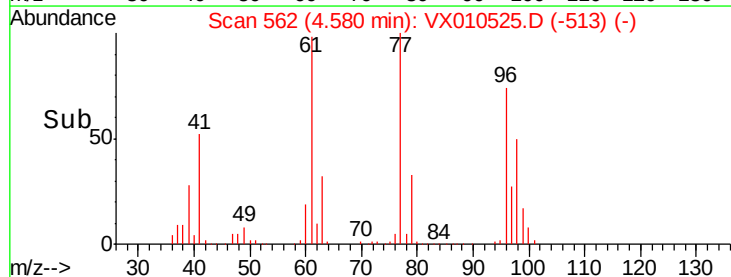
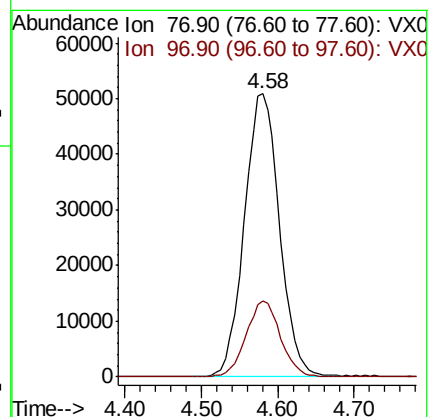
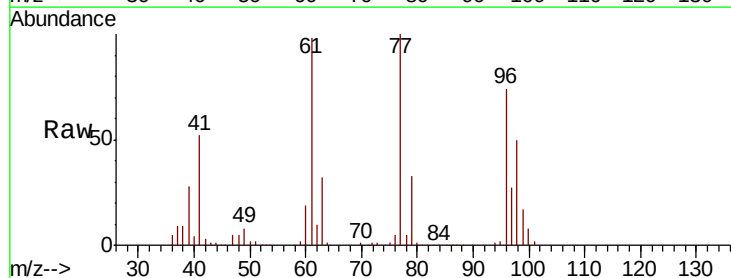
Acq: 28 Jun 2019 10:11

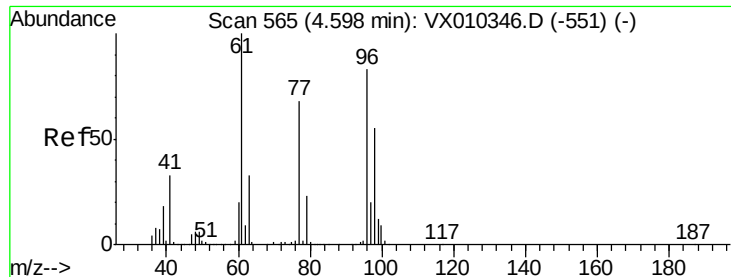
Tgt Ion: 77 Resp: 162083

Ion Ratio Lower Upper

77 100

97 26.4 13.1 39.3



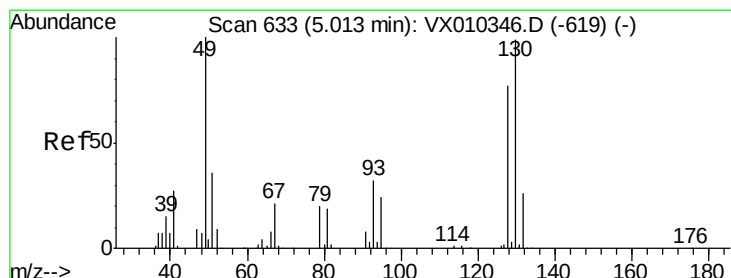
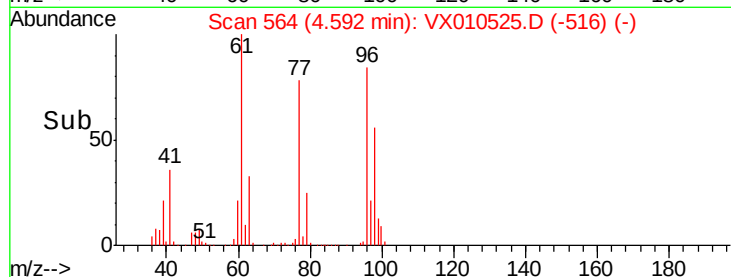
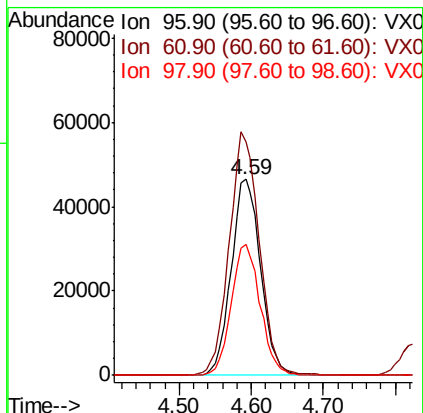
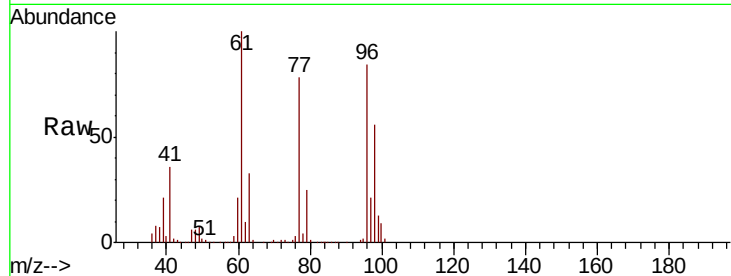


#27

cis-1,2-Dichloroethene
Concen: 46.681 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

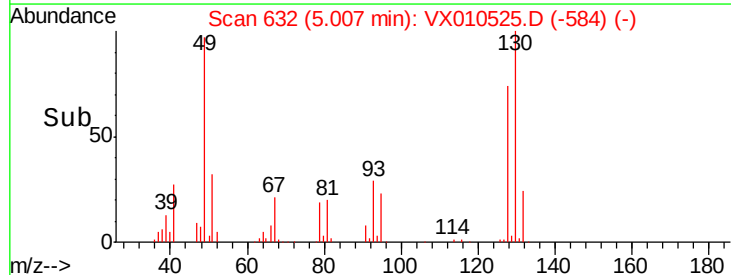
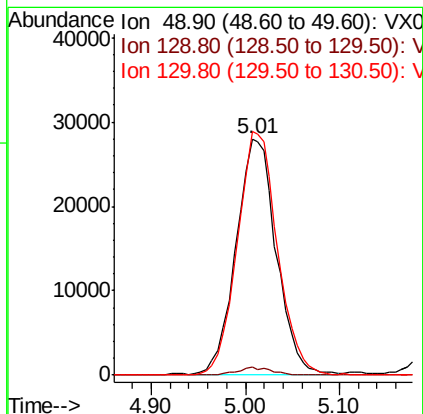
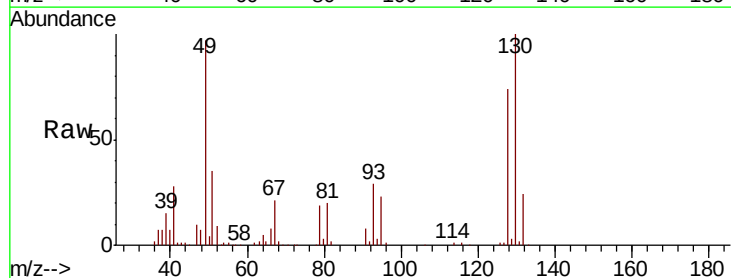
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	251.8
98	65.7	0.0	129.4

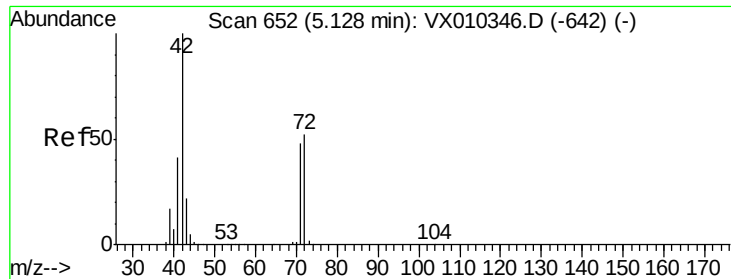


#28

Bromochloromethane
Concen: 44.455 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	103.5	81.4	122.0





#29

Tetrahydrofuran

Concen: 221.464 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

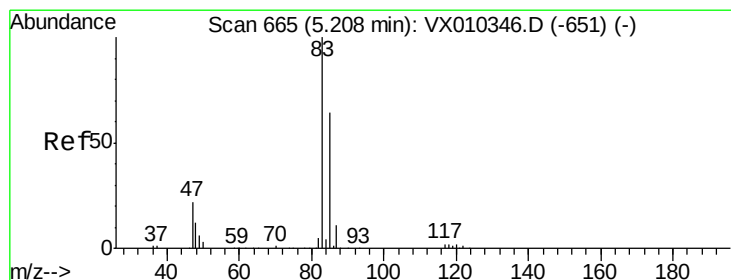
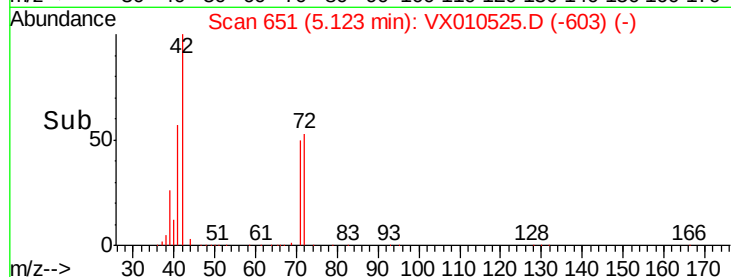
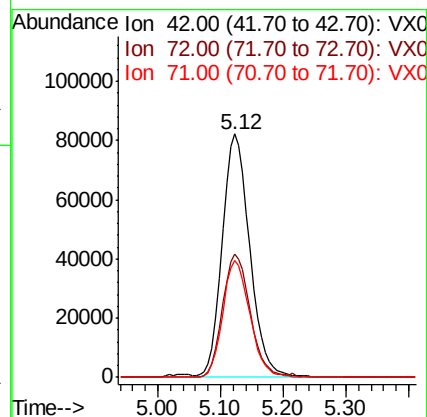
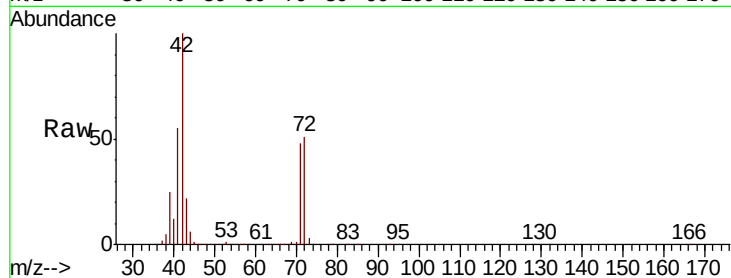
Tot Ion: 42 Resp: 248533

Ion Ratio Lower Upper

42 100

72 51.6 40.6 60.8

71 47.5 37.8 56.8



#30

Chloroform

Concen: 47.609 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010525.D

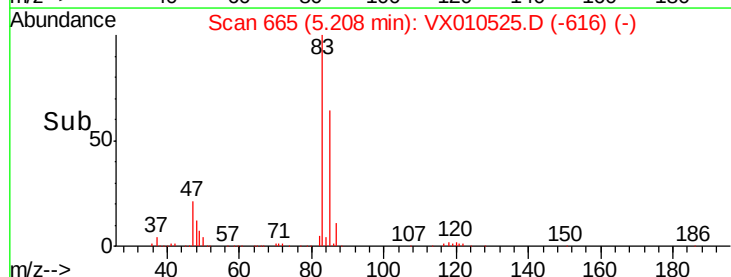
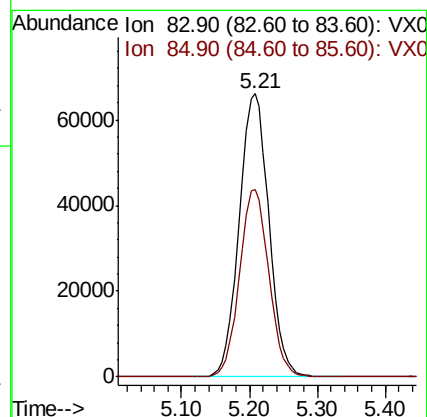
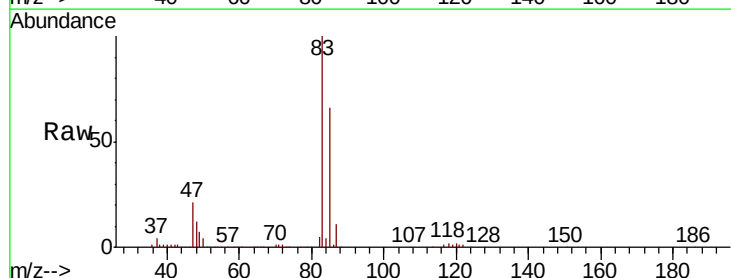
Acq: 28 Jun 2019 10:11

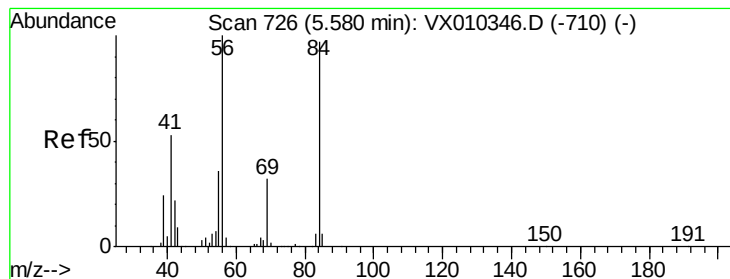
Tgt Ion: 83 Resp: 200244

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3





#31

Cyclohexane

Concen: 45.902 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

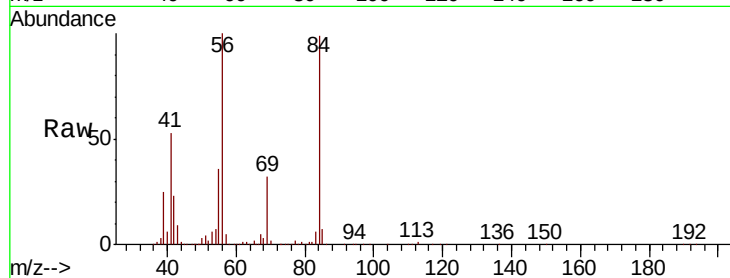
Tot Ion: 56 Resp: 163403

Ion Ratio Lower Upper

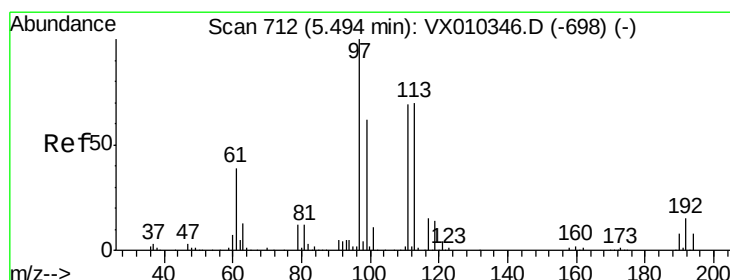
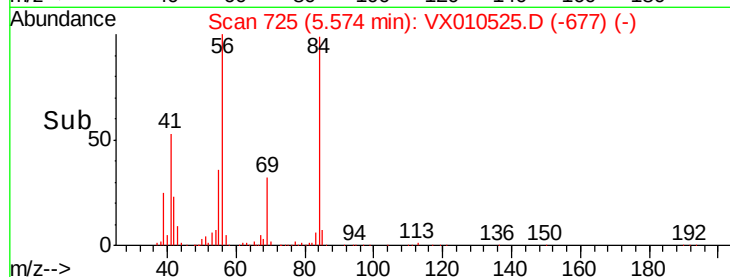
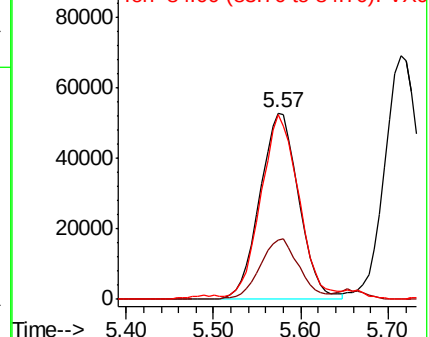
56 100

69 32.0 25.9 38.9

84 97.8 78.0 117.0



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: 47.556 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

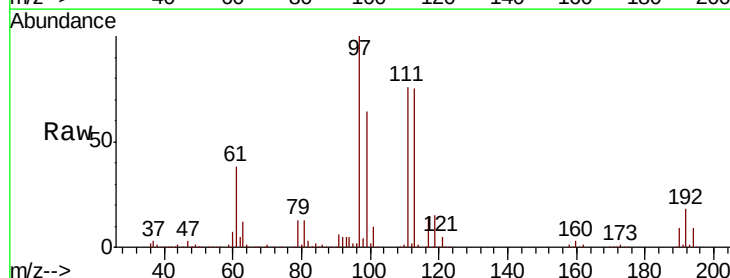
Tgt Ion: 97 Resp: 176617

Ion Ratio Lower Upper

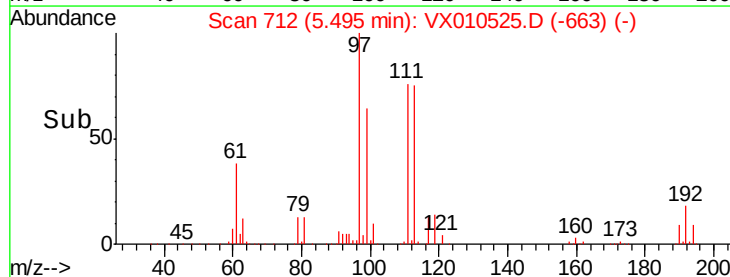
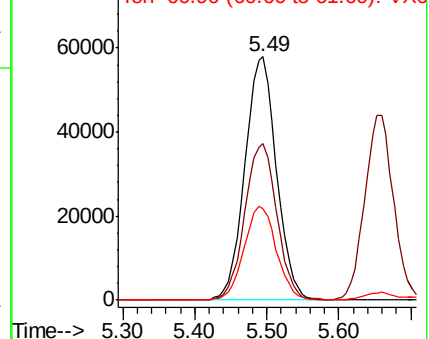
97 100

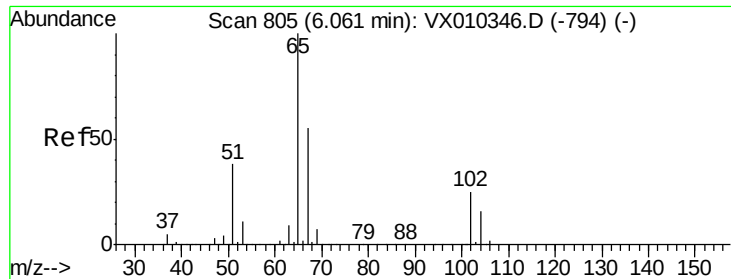
99 65.3 51.8 77.8

61 39.5 32.1 48.1



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

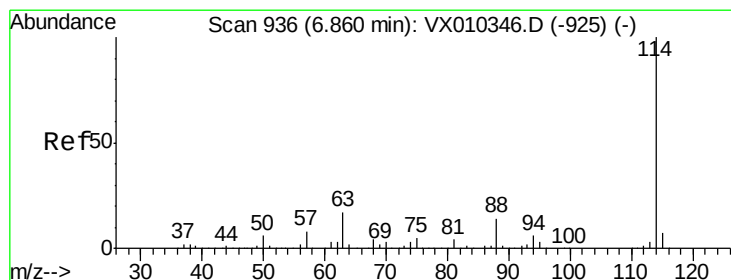
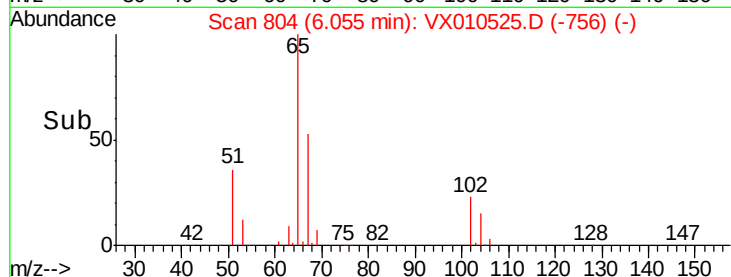
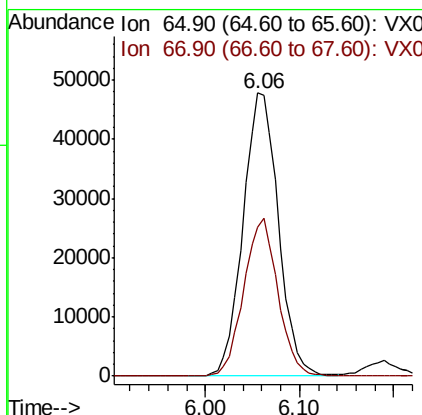
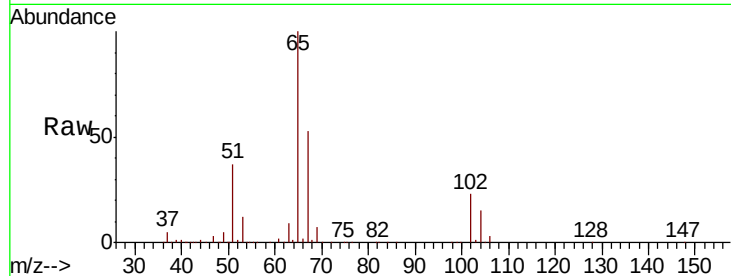




#33
 1,2-Dichloroethane-d4
 Concen: 50.703 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

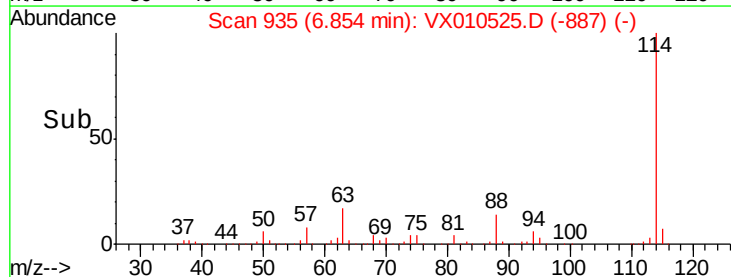
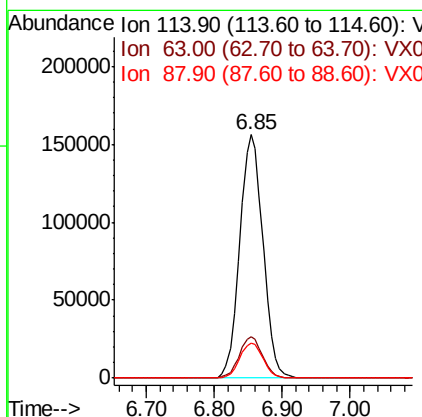
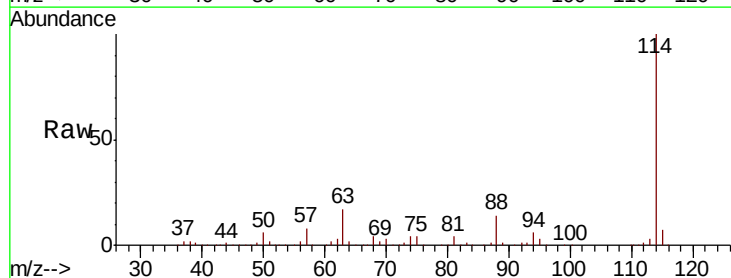
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

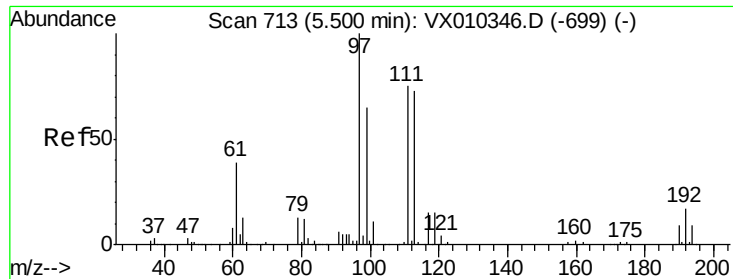
Tot Ion: 65 Resp: 124957
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 114 Resp: 369913
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 14.2 0.0 27.6

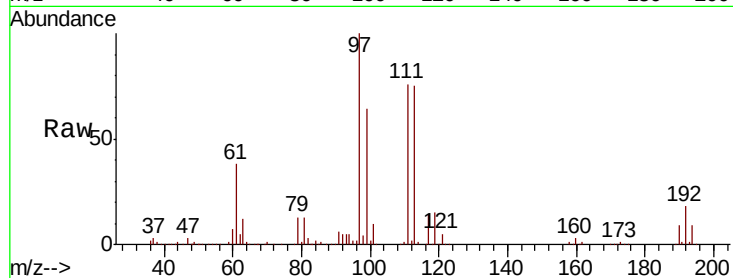




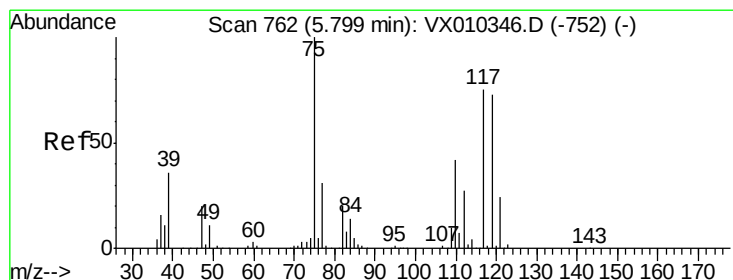
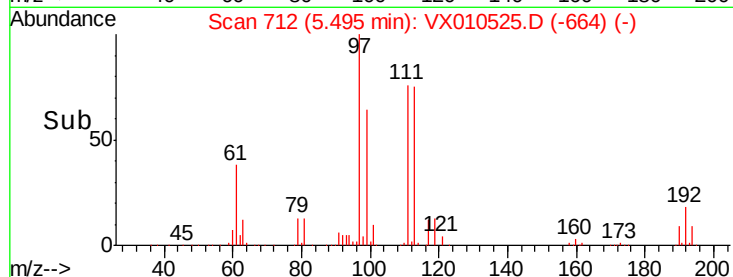
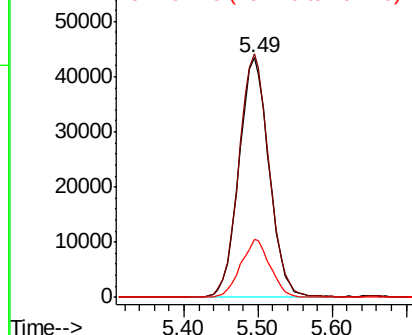
#35
Dibromofluoromethane
Concen: 54.720 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	23.5	18.6	27.8

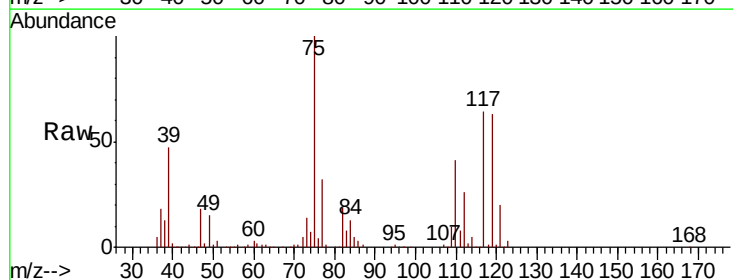


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

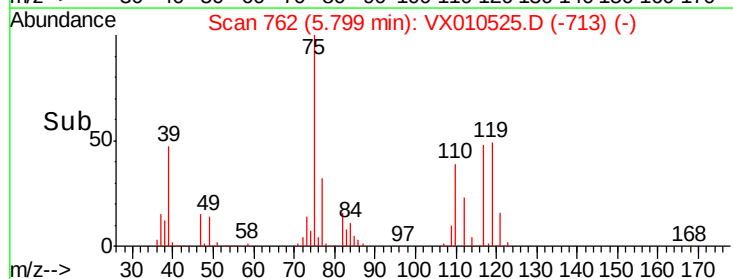
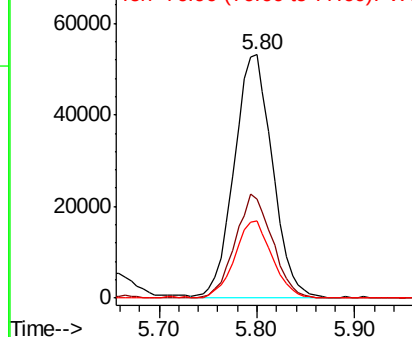


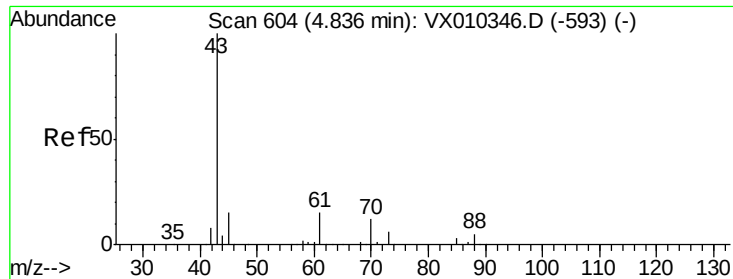
#36
1,1-Dichloropropene
Concen: 48.779 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.7	20.8	62.2
77	31.2	25.4	38.0



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: 50.115 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

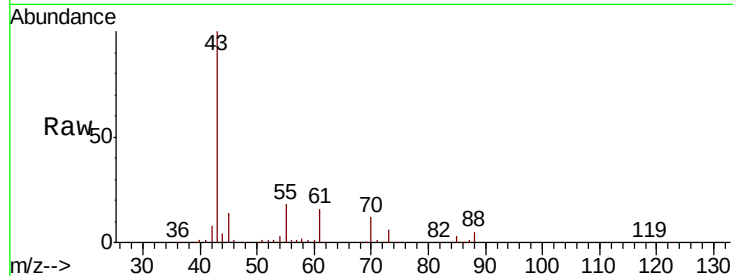
Tot Ion: 43 Resp: 151550

Ion Ratio Lower Upper

43 100

61 15.0 12.4 18.6

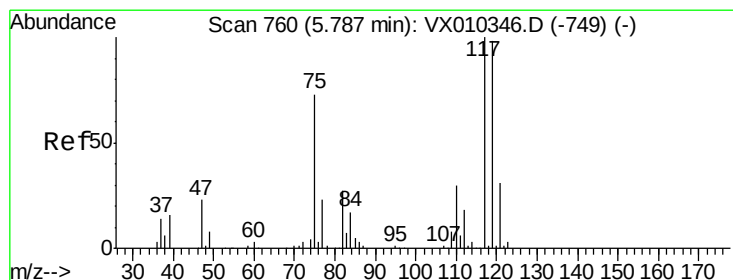
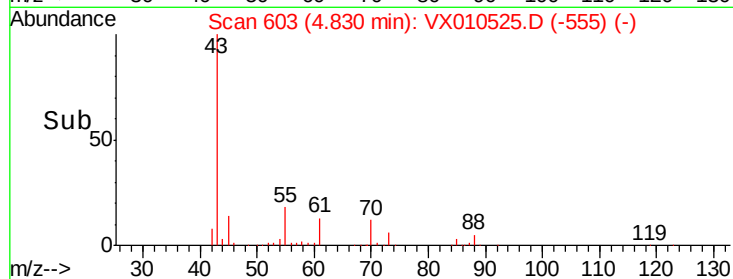
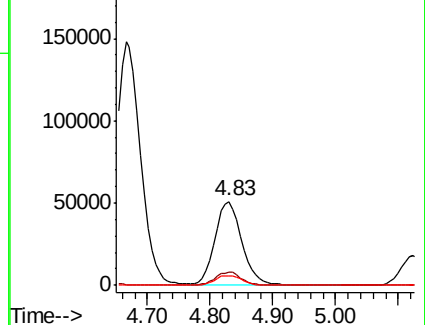
70 12.1 9.8 14.8



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: 49.764 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

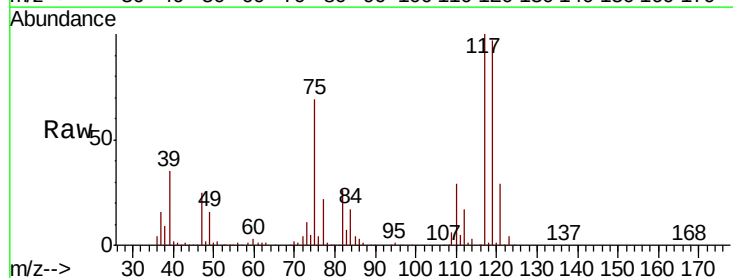
Tgt Ion: 117 Resp: 158404

Ion Ratio Lower Upper

117 100

119 97.0 78.2 117.4

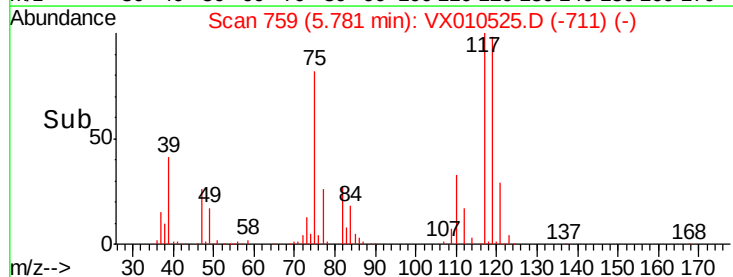
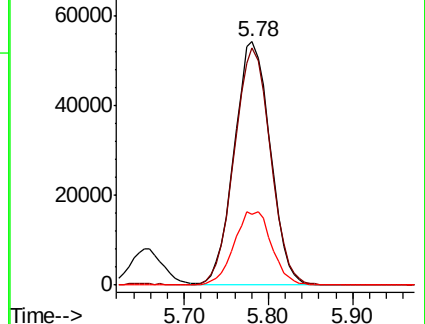
121 29.3 24.7 37.1

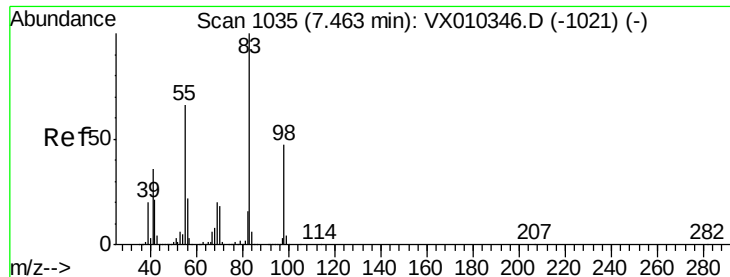


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

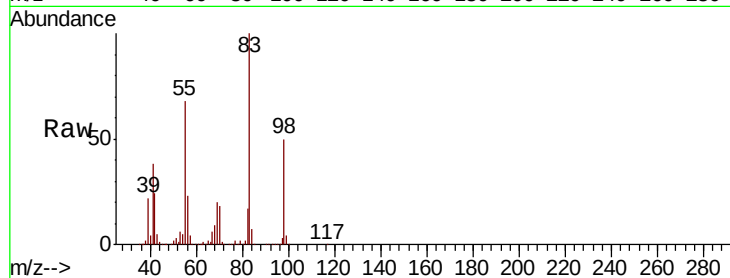




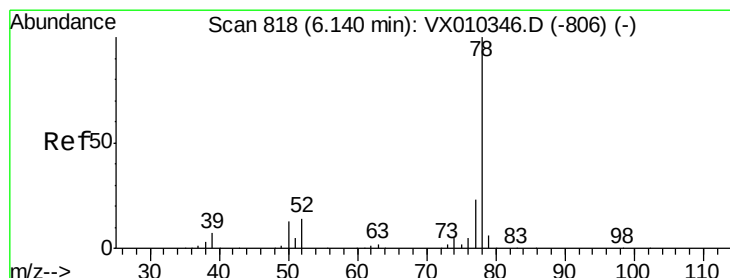
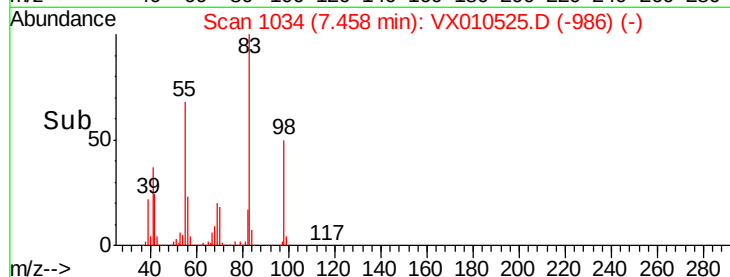
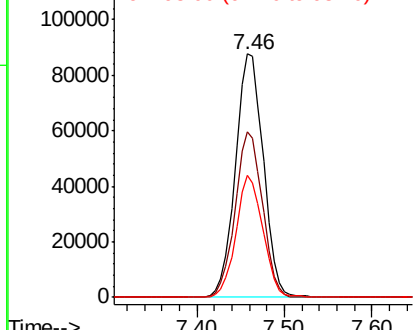
#39
Methylvlcyclohexane
Concen: 50.221 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 194049
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 50.2 37.8 56.8

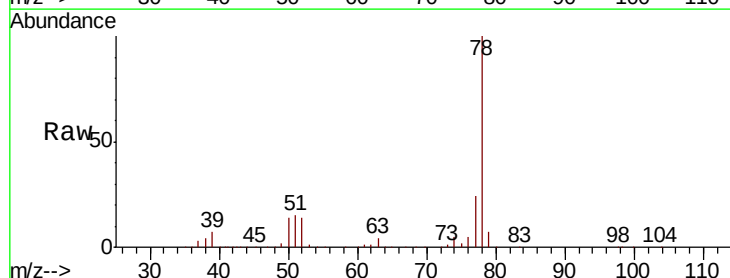


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

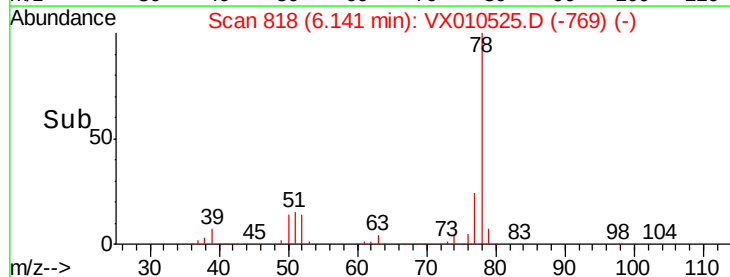
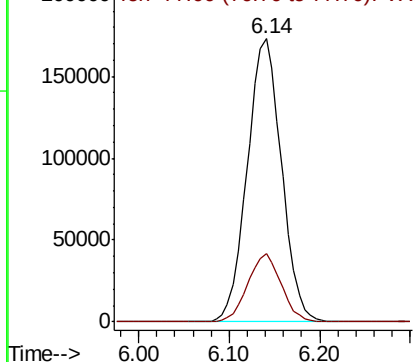


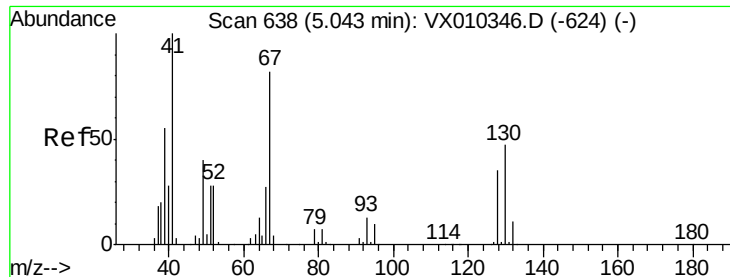
#40
Benzene
Concen: 49.331 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 78 Resp: 451774
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 49.366 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 81911

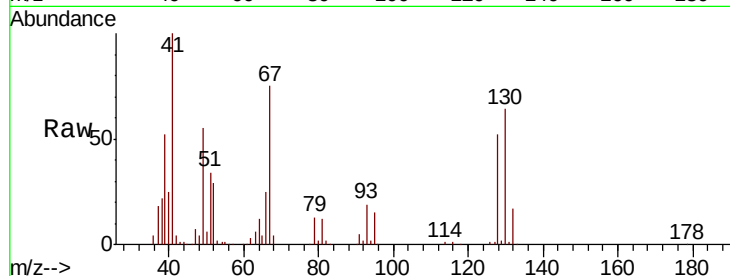
Ion Ratio Lower Upper

41 100

39 54.5 43.8 65.8

67 81.3 66.6 100.0

52 31.5 24.5 36.7

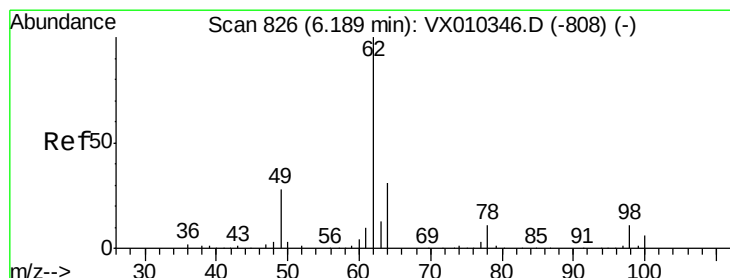
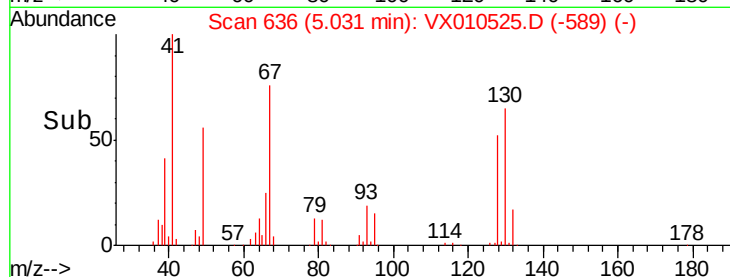
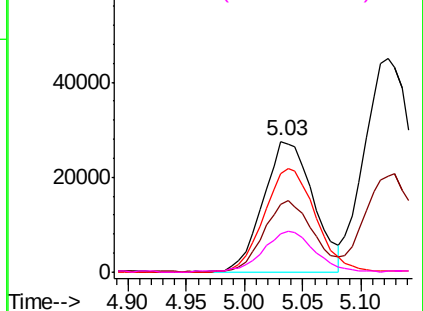


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.333 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010525.D

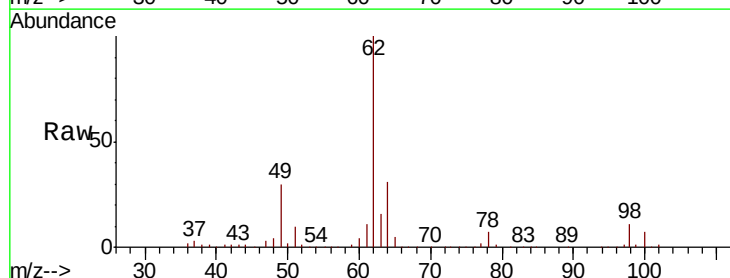
Acq: 28 Jun 2019 10:11

Tgt Ion: 62 Resp: 145889

Ion Ratio Lower Upper

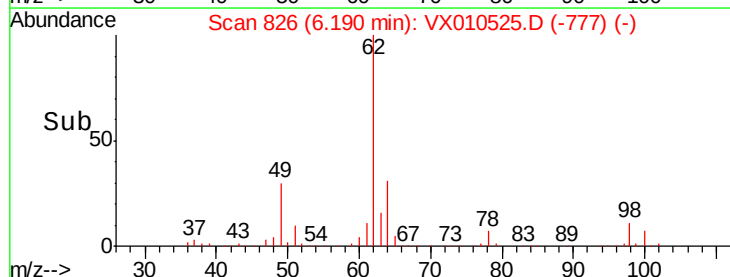
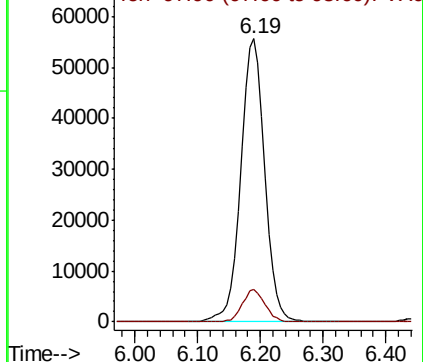
62 100

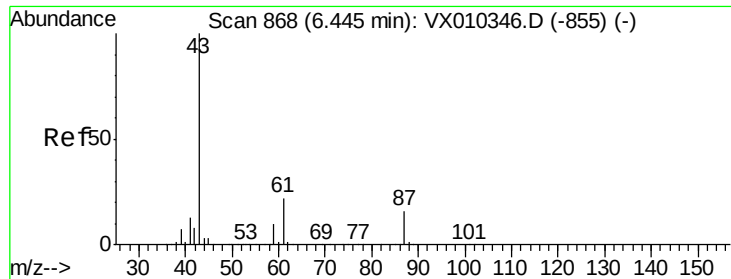
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.967 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

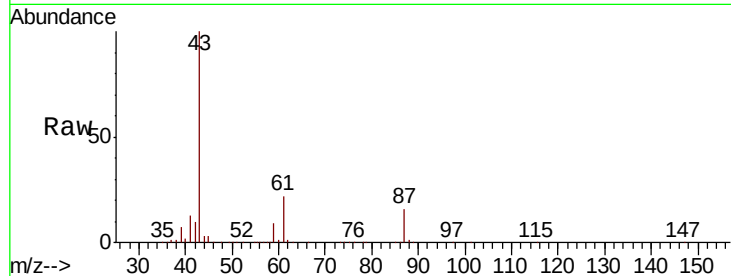
Tot Ion: 43 Resp: 249997

Ion Ratio Lower Upper

43 100

61 21.7 17.8 26.6

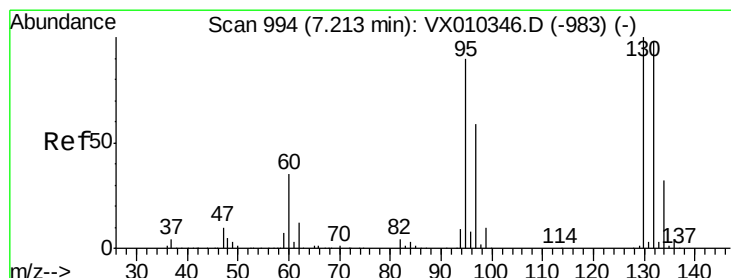
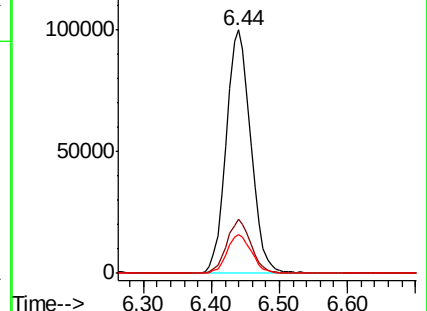
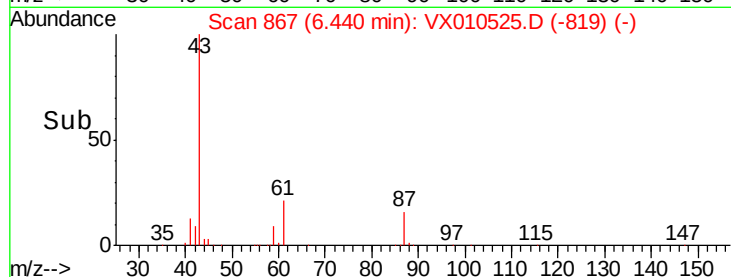
87 15.8 13.0 19.4



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: 50.862 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010525.D

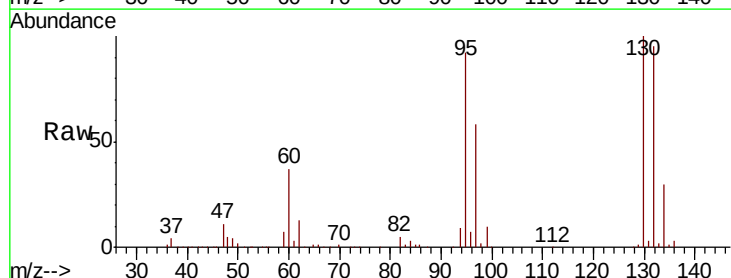
Acq: 28 Jun 2019 10:11

Tgt Ion:130 Resp: 139379

Ion Ratio Lower Upper

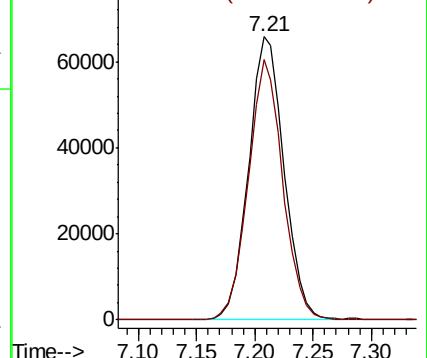
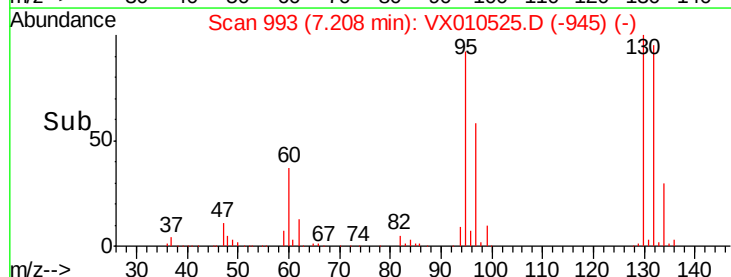
130 100

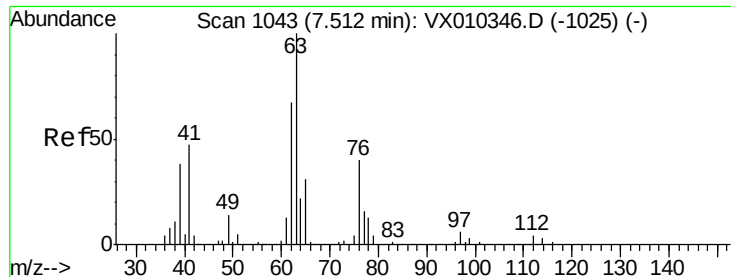
95 91.9 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

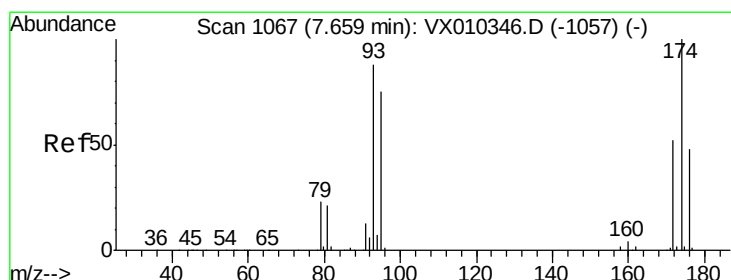
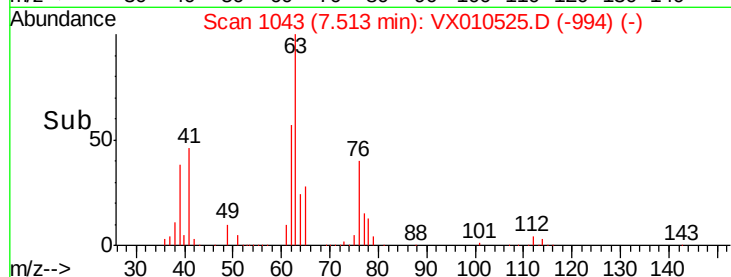
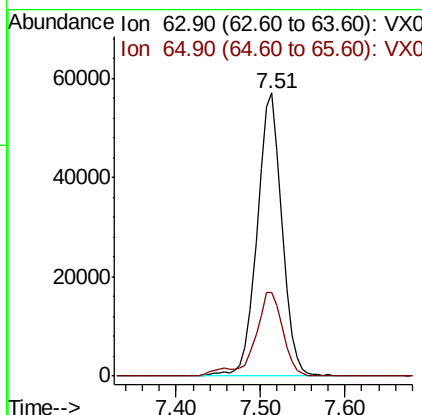
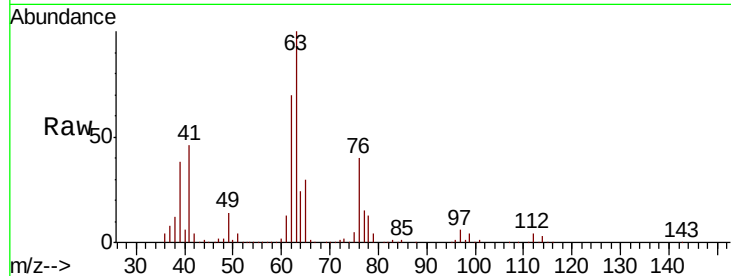




#45
 1,2-Dichloropropane
 Concen: 49.808 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

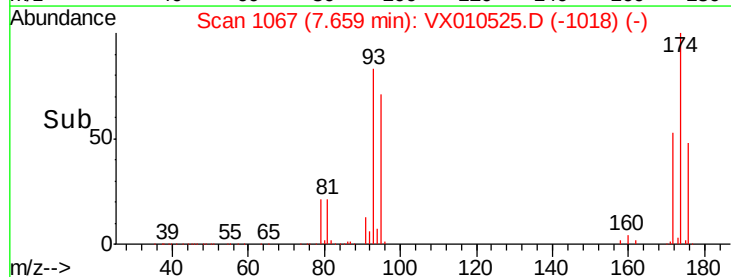
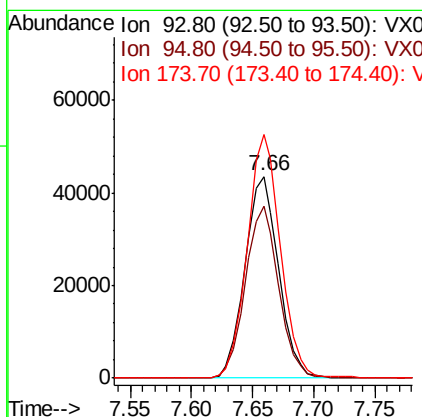
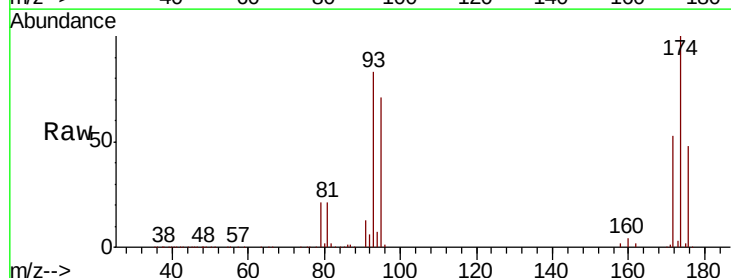
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

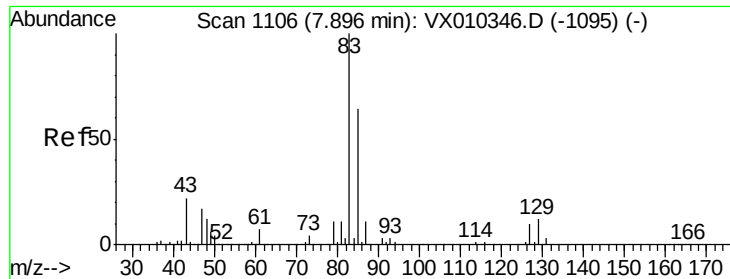
Tot Ion: 63 Resp: 115190
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2



#46
 Dibromomethane
 Concen: 50.210 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 93 Resp: 83312
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 119.9 95.8 143.6





#47

Bromodichloromethane

Concen: 50.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

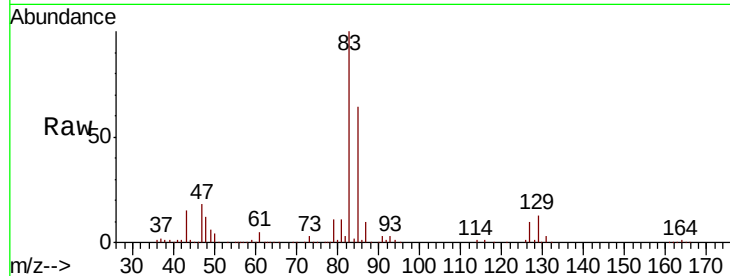
Tot Ion: 83 Resp: 153072

Ion Ratio Lower Upper

83 100

85 64.2 51.5 77.3

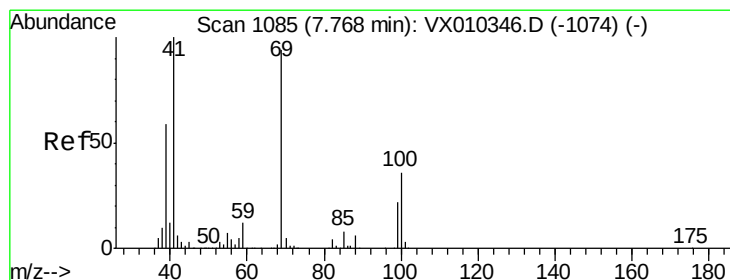
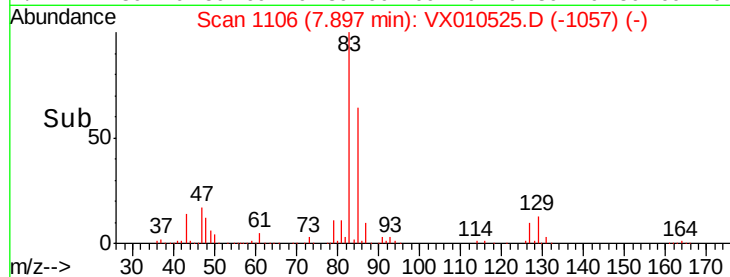
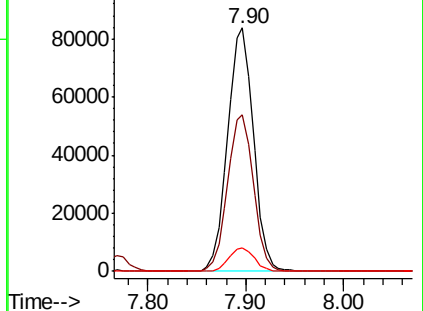
127 9.7 7.8 11.8



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: 50.493 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

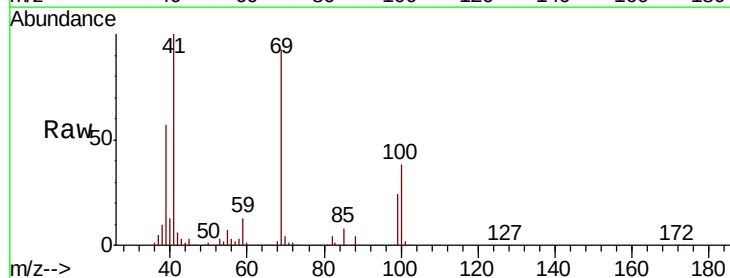
Tgt Ion: 41 Resp: 117426

Ion Ratio Lower Upper

41 100

69 94.1 76.1 114.1

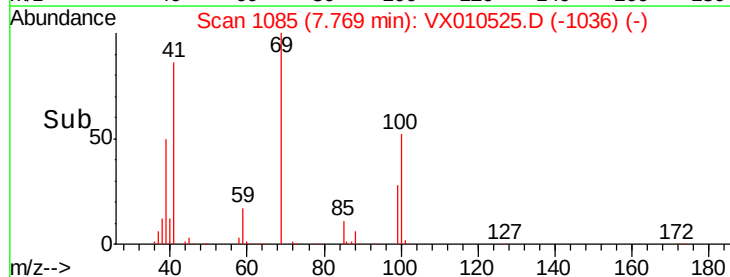
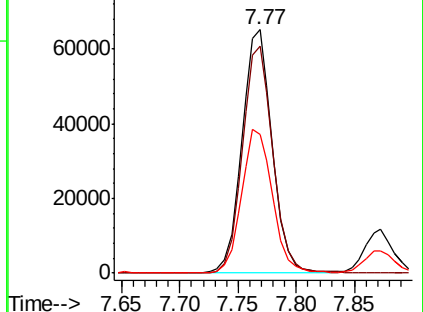
39 60.0 47.6 71.4

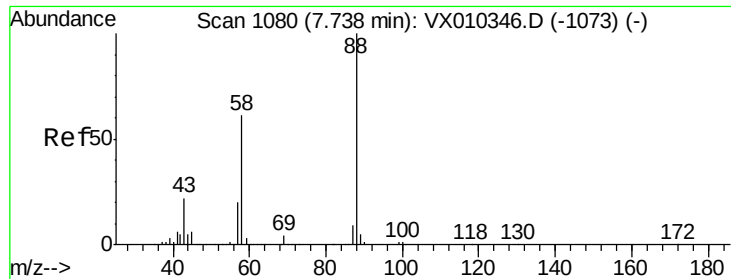


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

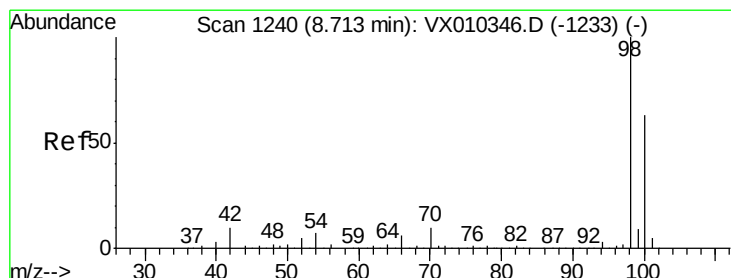
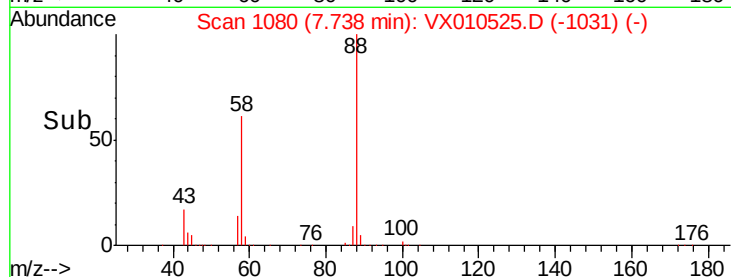
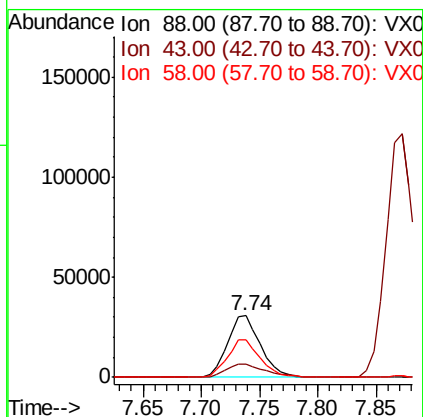
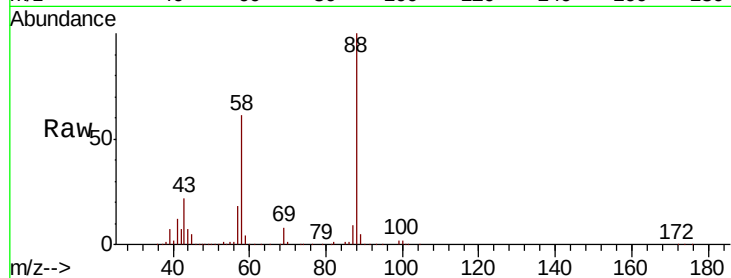




#49
1,4-Dioxane
Concen: 901.629 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

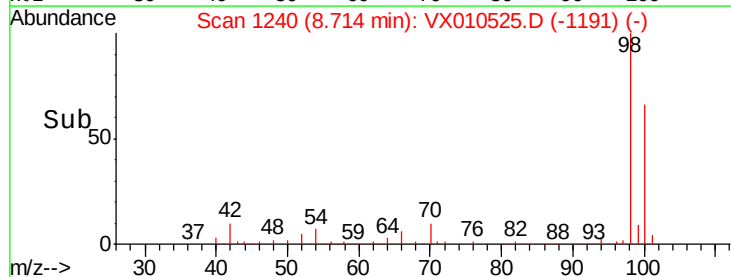
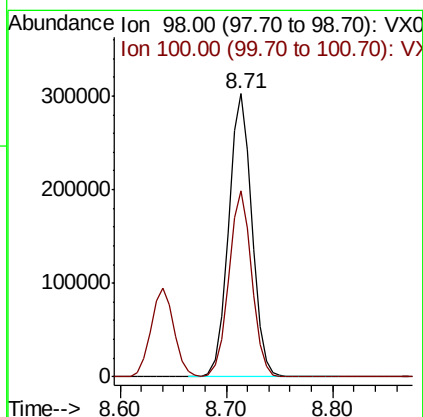
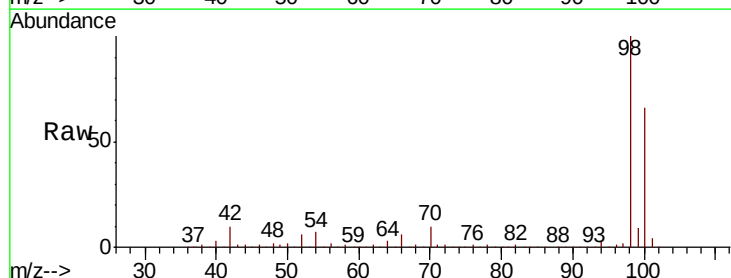
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

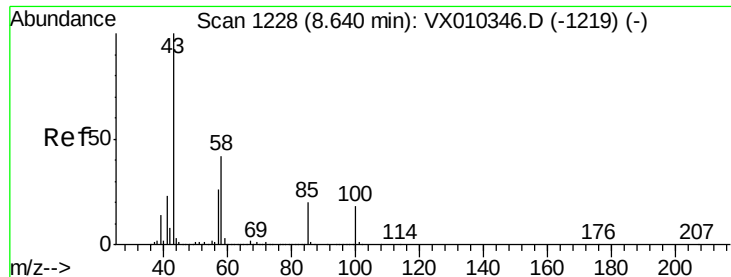
Tot Ion: 88 Resp: 60404
Ion Ratio Lower Upper
88 100
43 25.8 20.2 30.2
58 62.4 49.5 74.3



#50
Toluene-d8
Concen: 53.433 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 98 Resp: 462664
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4

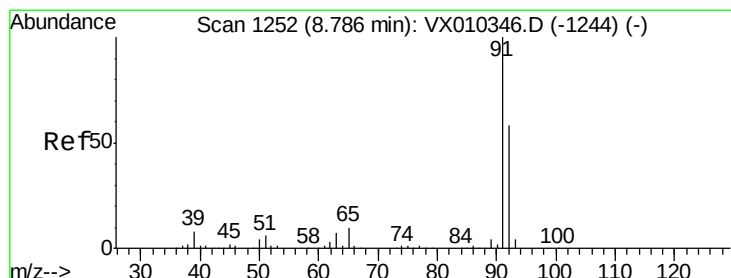
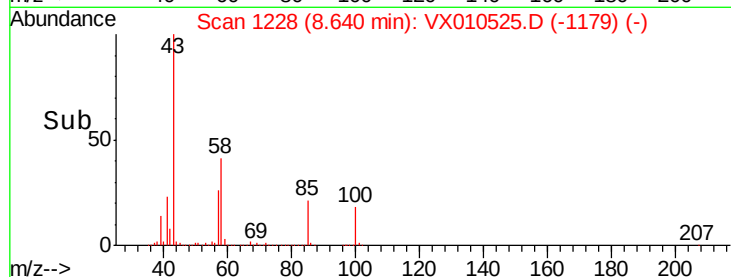
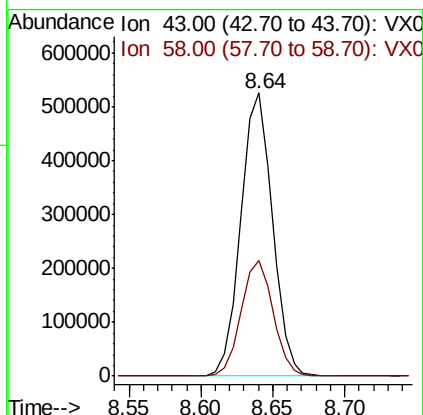
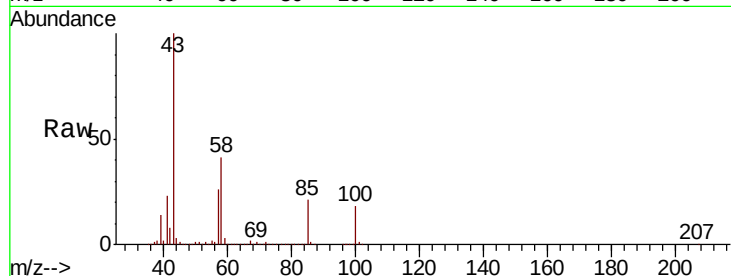




#51
 4-Methyl-2-Pentanone
 Concen: 250.424 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

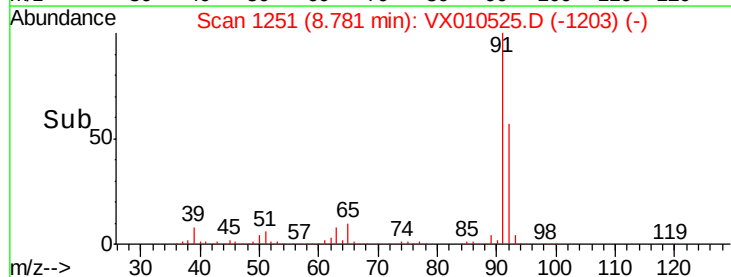
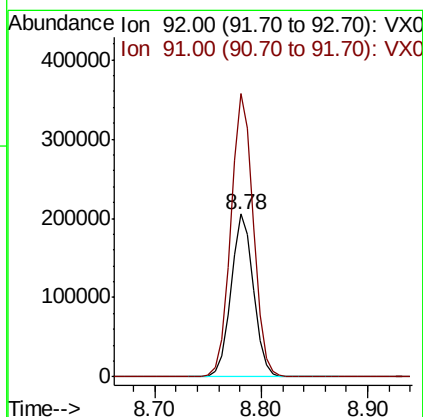
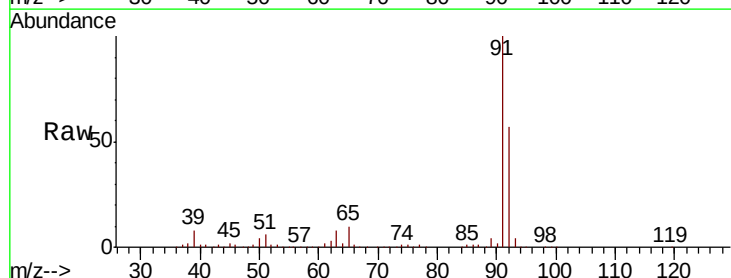
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

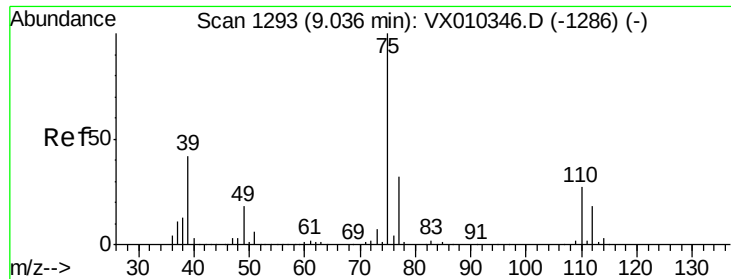
Tot Ion: 43 Resp: 801333
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 50.326 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 92 Resp: 303510
 Ion Ratio Lower Upper
 92 100
 91 174.5 139.8 209.6

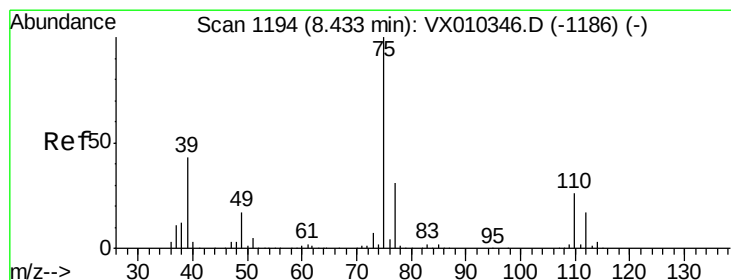
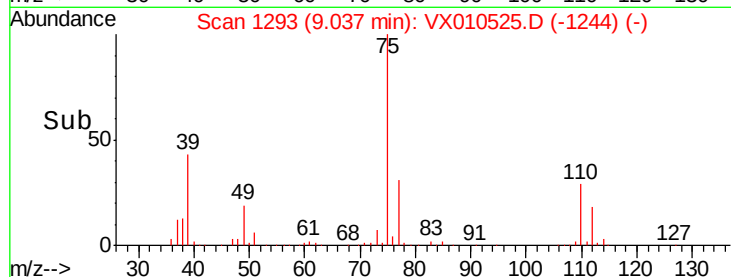
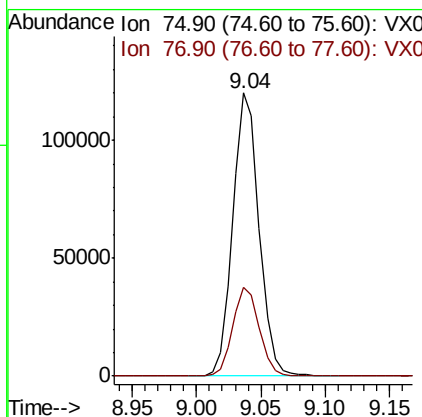
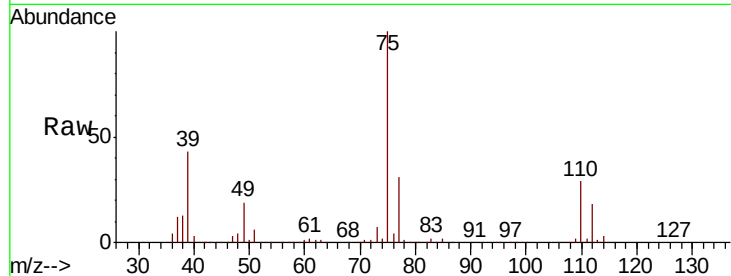




#53
t-1,3-Dichloropropene
Concen: 50.053 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

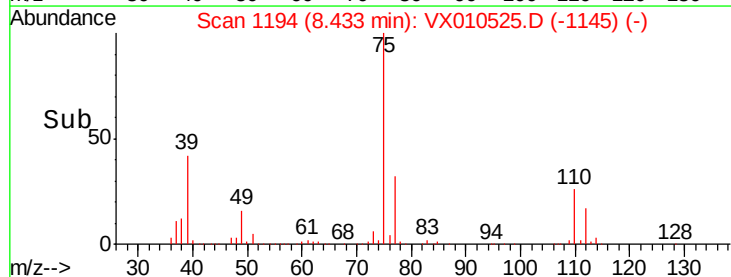
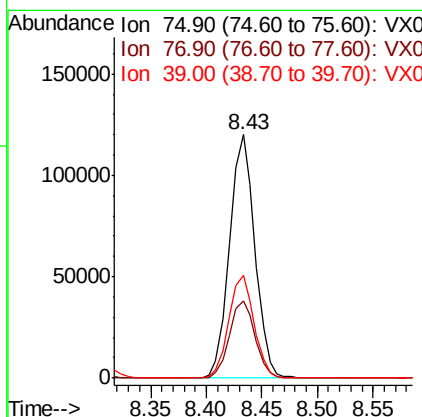
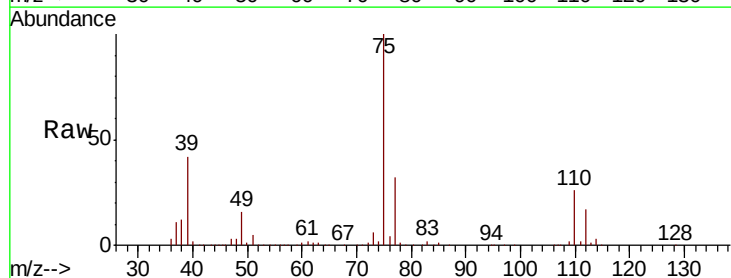
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

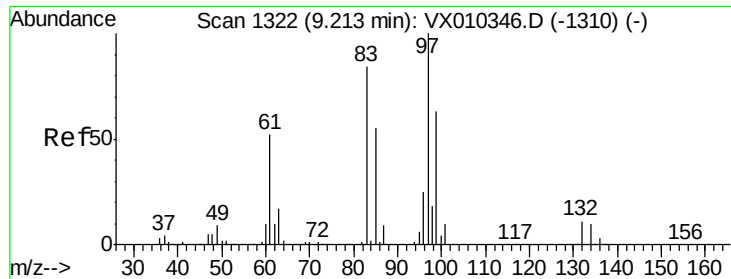
Tot Ion: 75 Resp: 170639
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.984 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 75 Resp: 188888
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 41.9 34.5 51.7



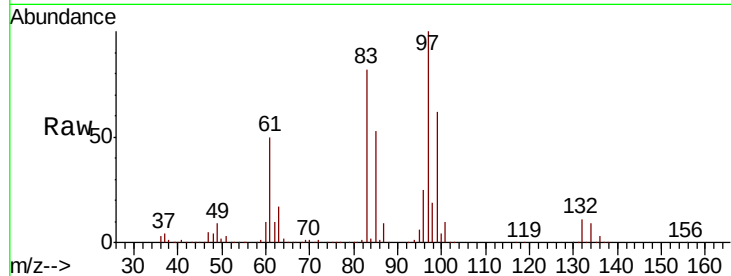


#55
 1,1,2-Trichloroethane
 Concen: 51.006 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

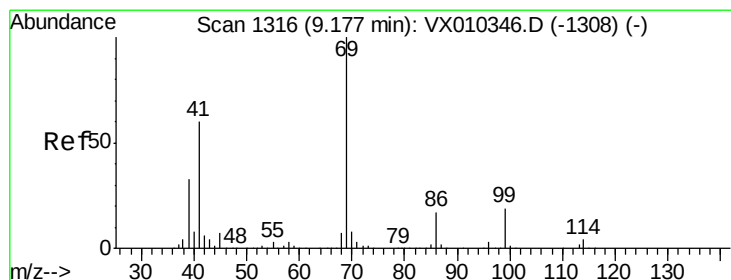
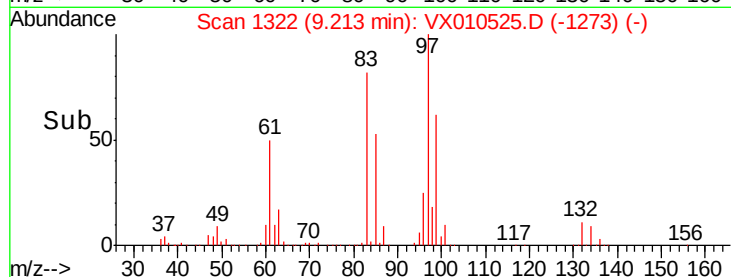
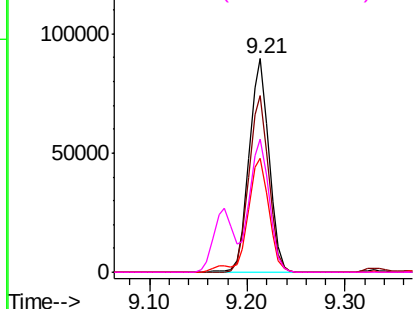
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 126866

Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.0
85	53.2	43.8	65.8
99	62.3	50.3	75.5



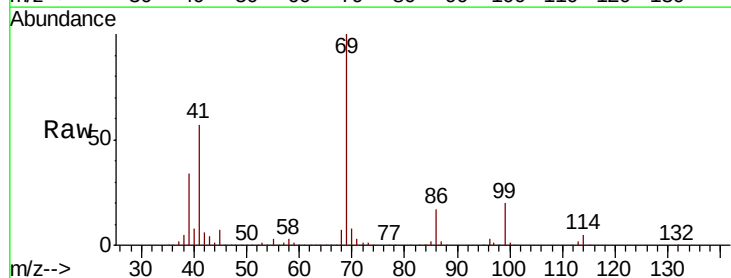
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



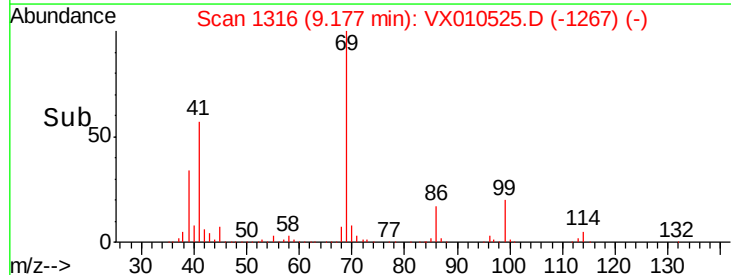
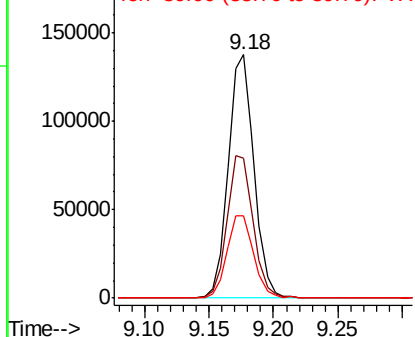
#56
 Ethyl methacrylate
 Concen: 51.130 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

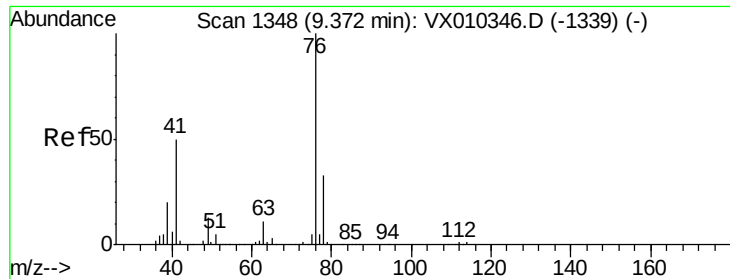
Tgt Ion: 69 Resp: 192651

Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.1	70.7
39	35.2	26.6	40.0



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

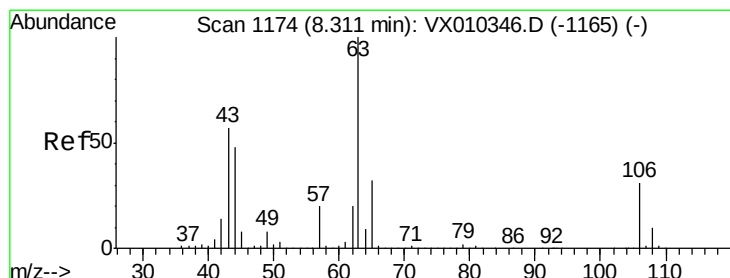
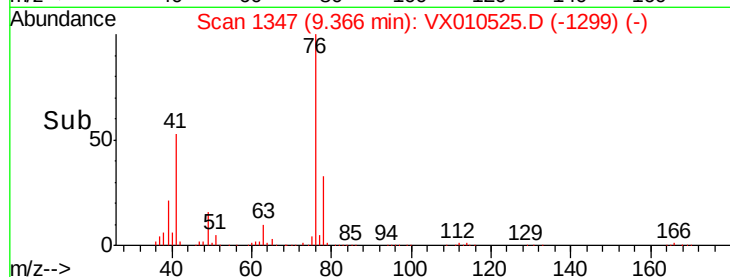
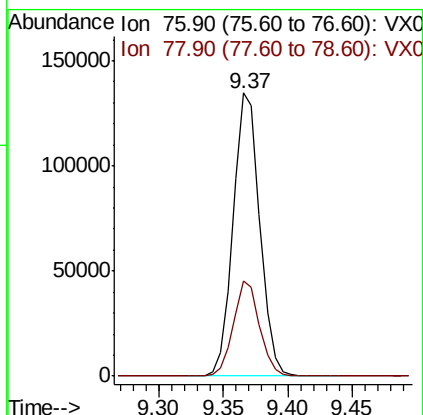
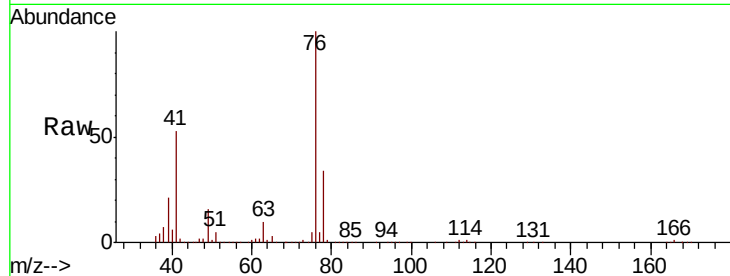




#57
 1,3-Dichloropropane
 Concen: 50.302 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

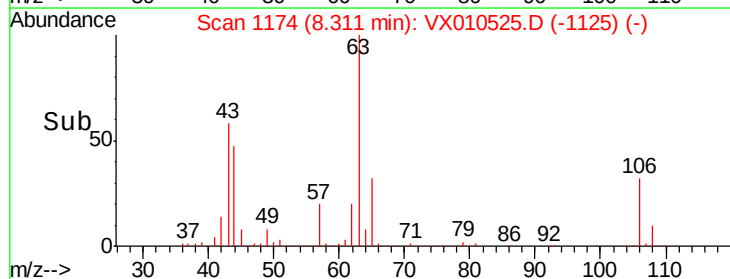
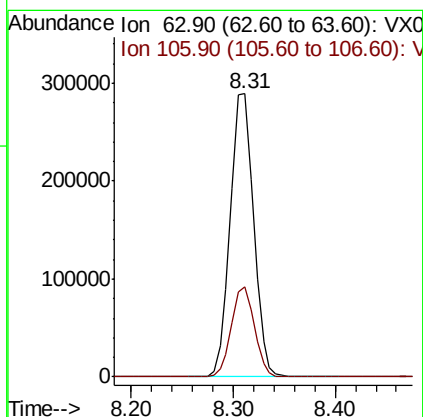
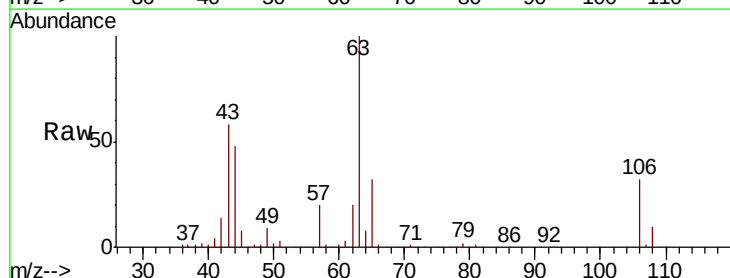
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

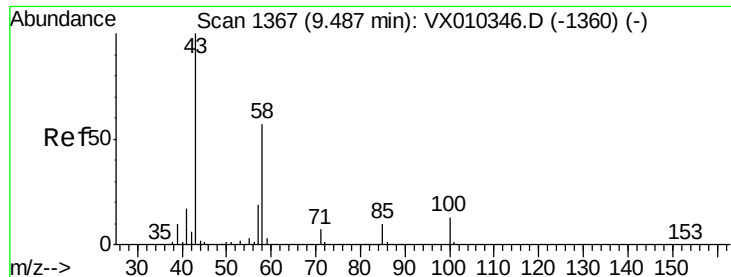
Tot Ion: 76 Resp: 194215
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.984 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 63 Resp: 458075
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.7 37.1

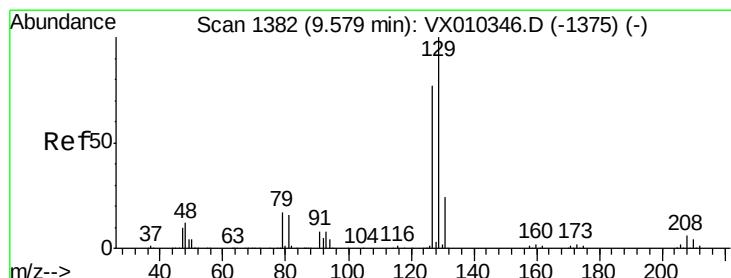
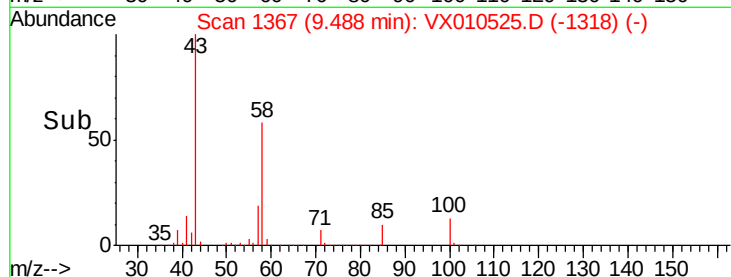
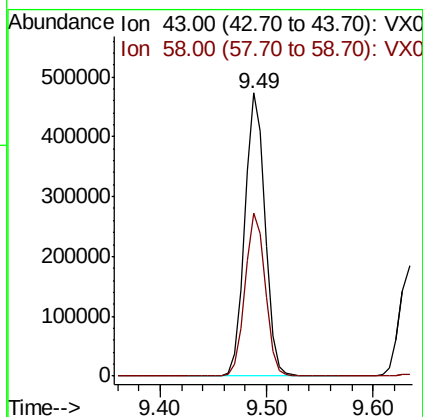
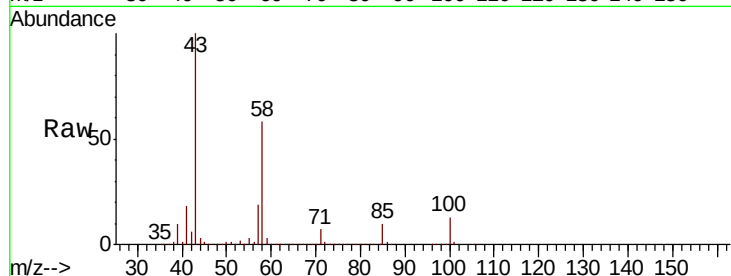




#59
2-Hexanone
Concen: 250.898 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

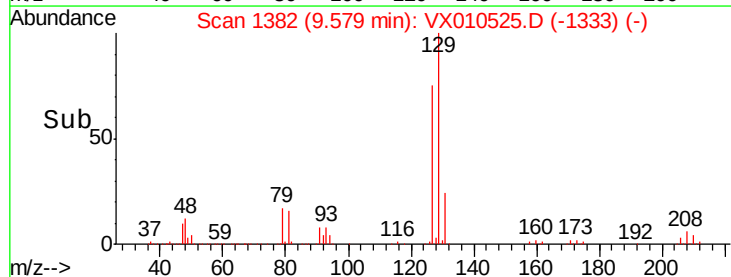
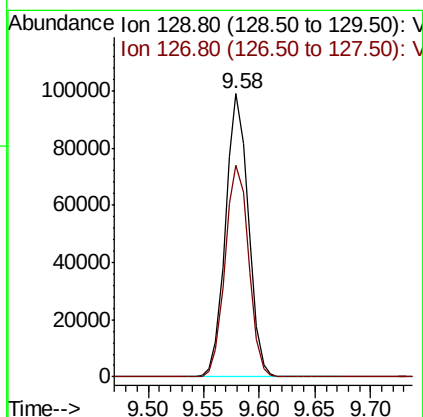
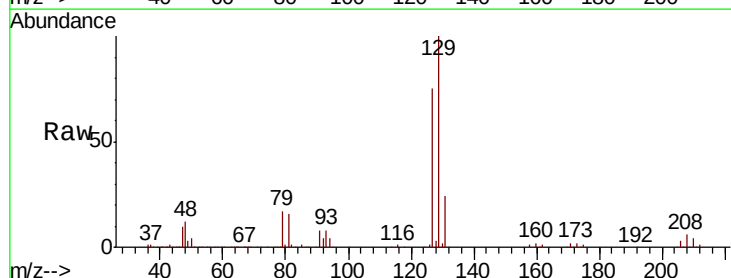
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

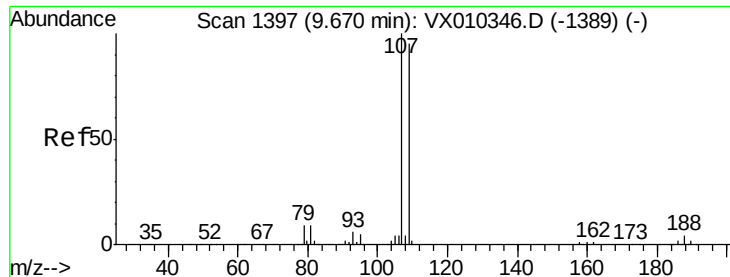
Tot Ion: 43 Resp: 631872
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 50.441 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 129 Resp: 140474
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.402 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

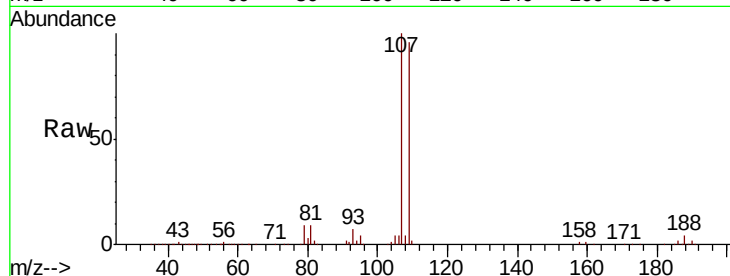
VSTDCCC050

Tot Ion: 107 Resp: 135316

Ion Ratio Lower Upper

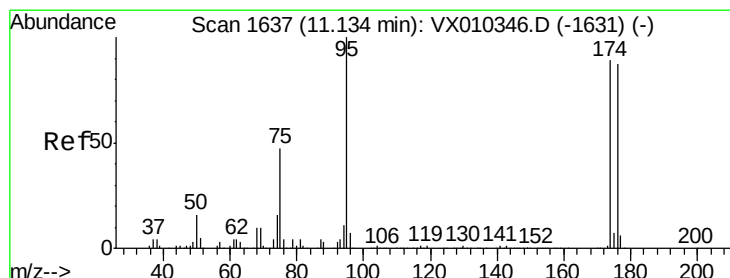
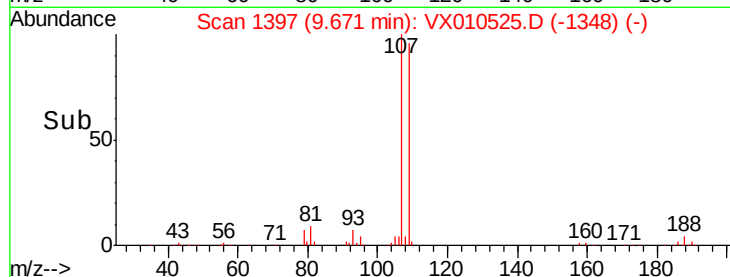
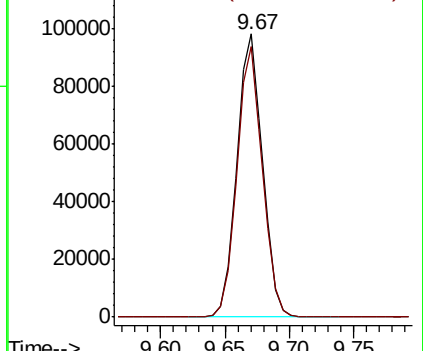
107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.123 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

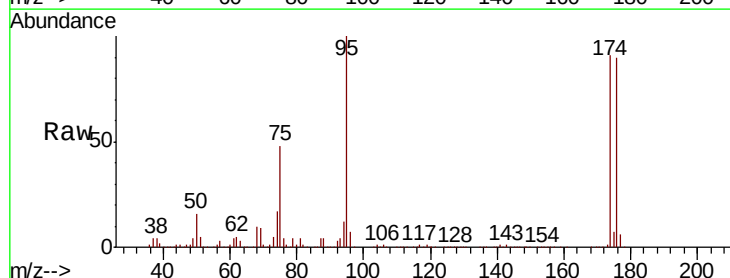
Tgt Ion: 95 Resp: 172319

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.6

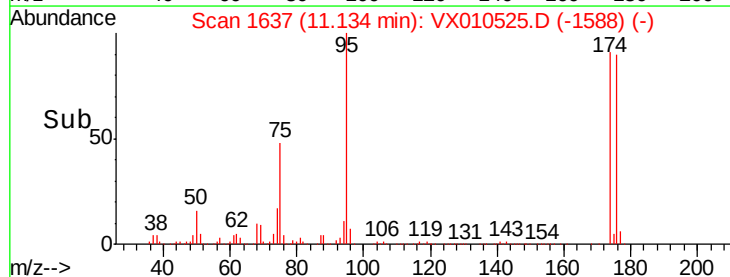
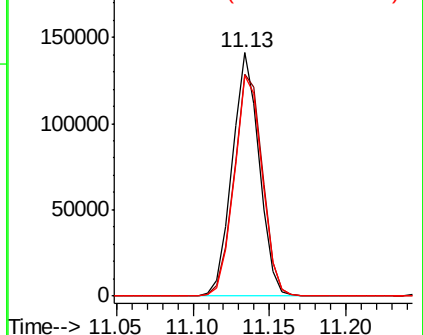
176 93.5 0.0 184.0

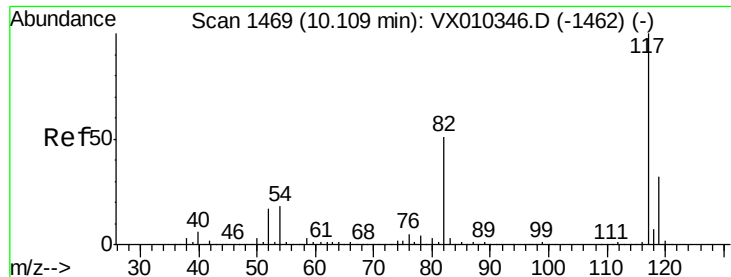


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

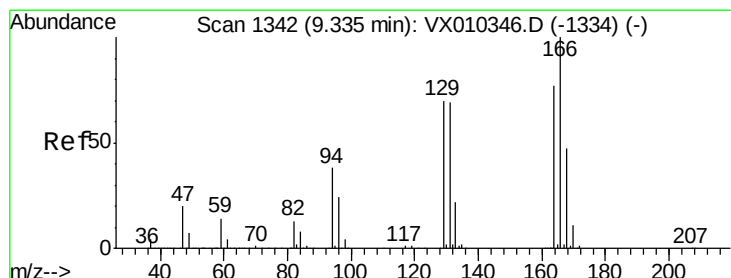
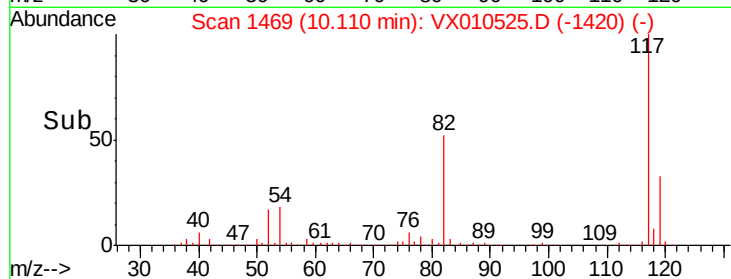
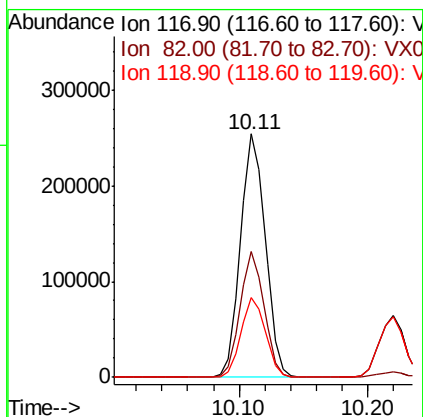
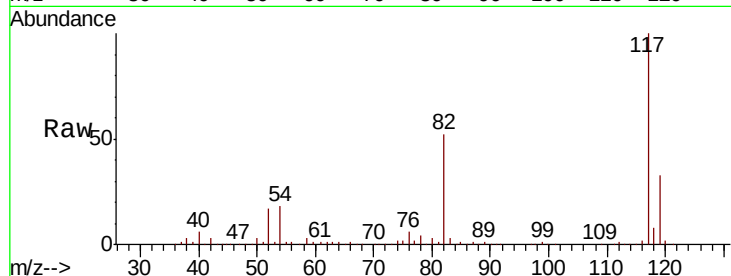




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

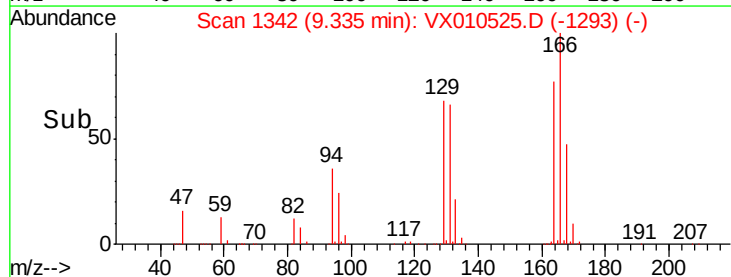
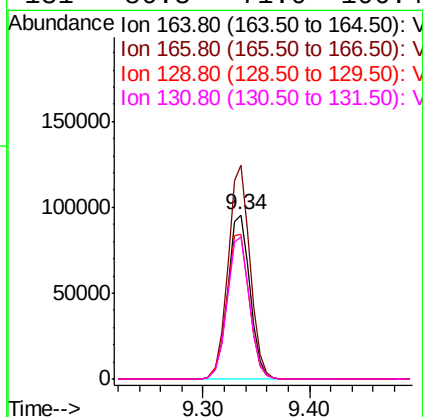
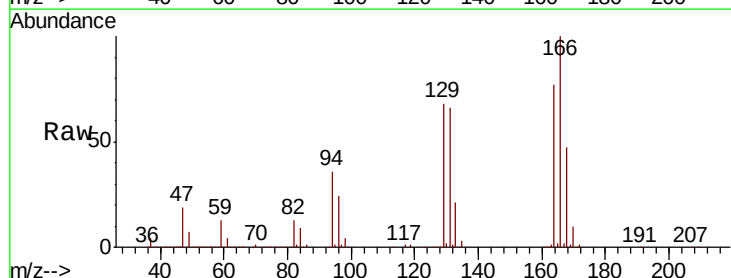
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

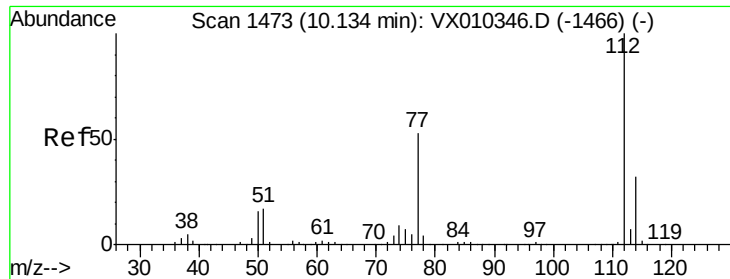
Tot Ion:117 Resp: 340415
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 50.837 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion:164 Resp: 139972
Ion Ratio Lower Upper
164 100
166 130.1 103.6 155.4
129 88.0 73.0 109.4
131 86.3 71.0 106.4

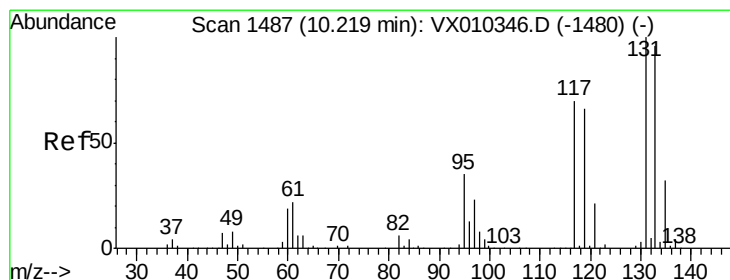
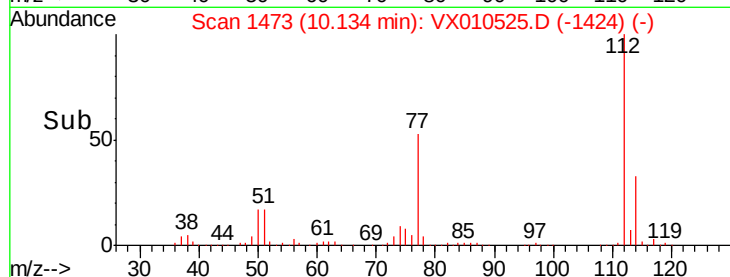
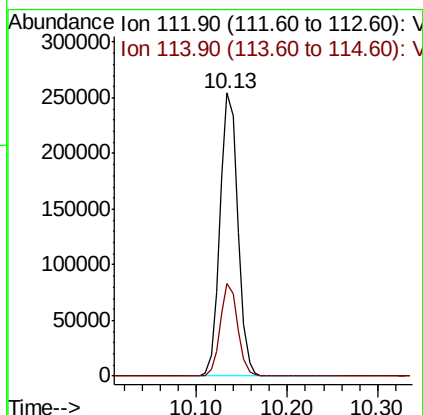
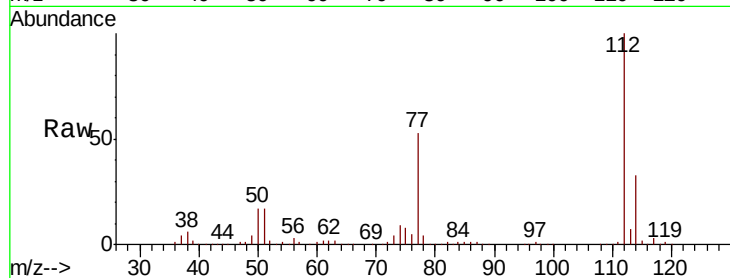




#65
Chlorobenzene
Concen: 50.720 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

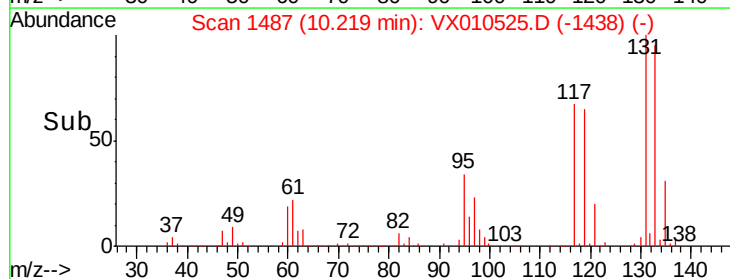
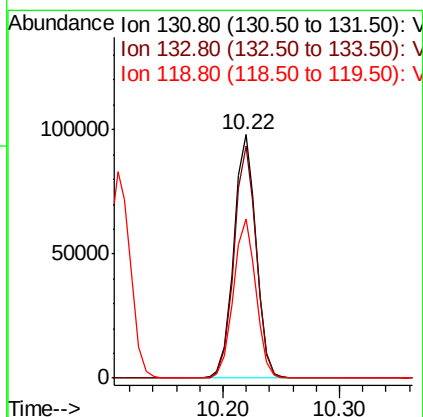
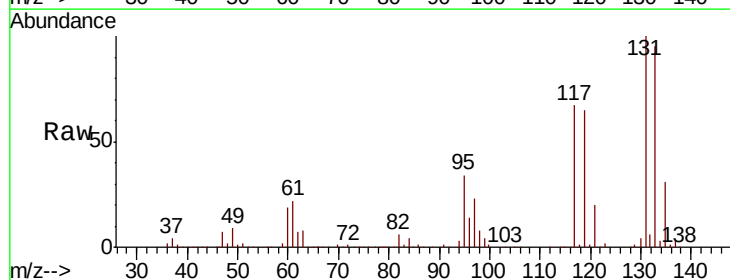
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

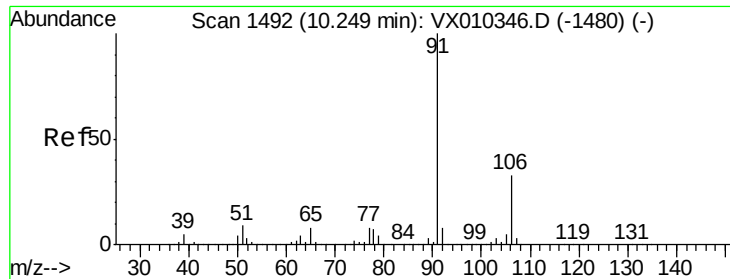
Tot Ion:112 Resp: 350527
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.838 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion:131 Resp: 130496
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.1 32.6 97.7

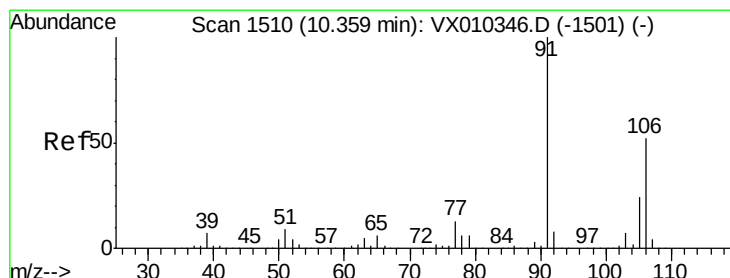
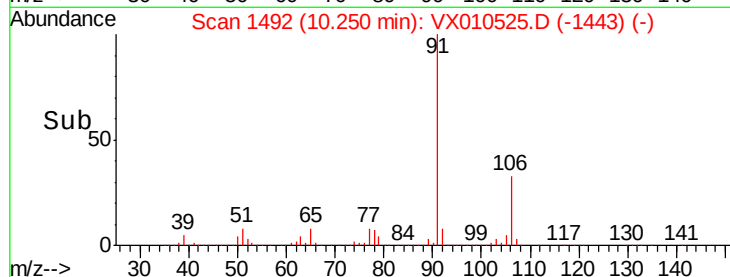
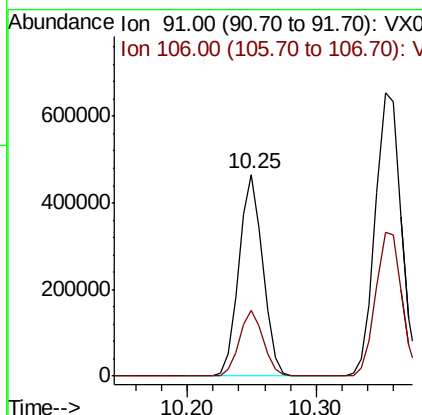
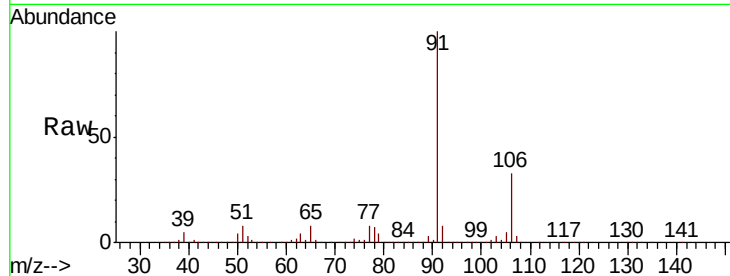




#67
Ethyl Benzene
Concen: 51.071 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

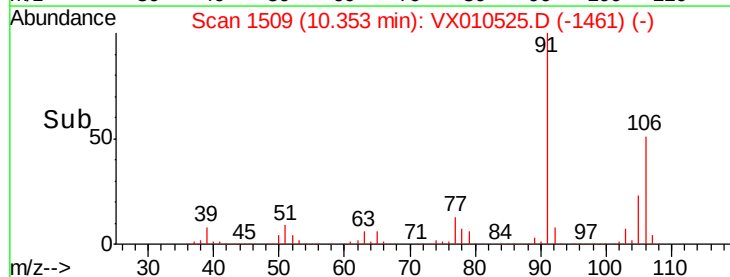
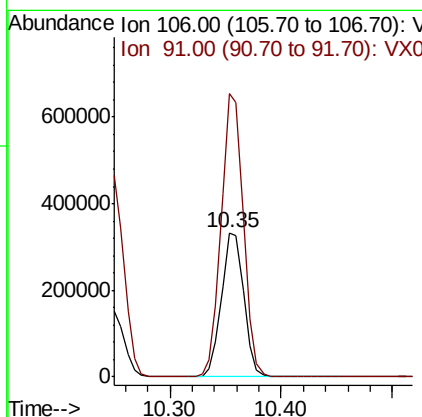
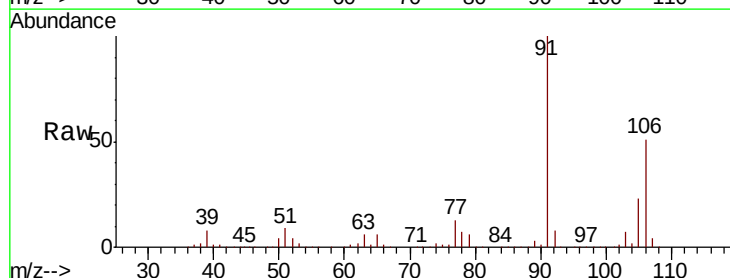
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

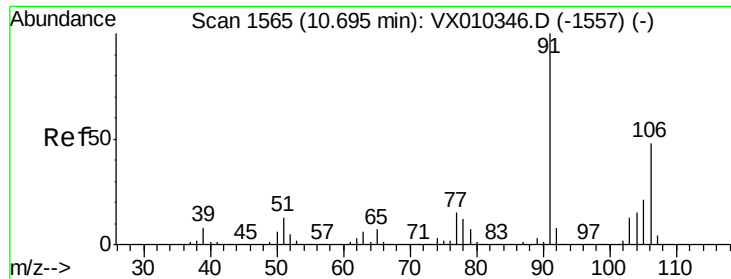
Tot Ion: 91 Resp: 595863
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2



#68
m/p-Xylenes
Concen: 102.368 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 106 Resp: 462790
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9

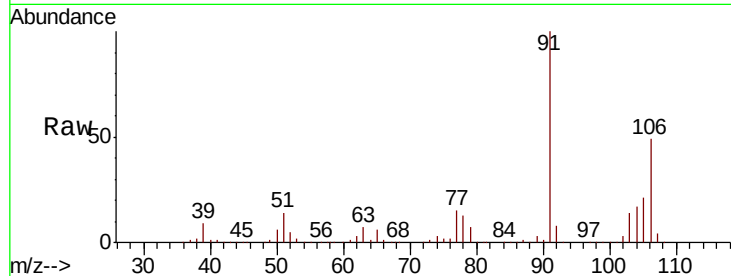




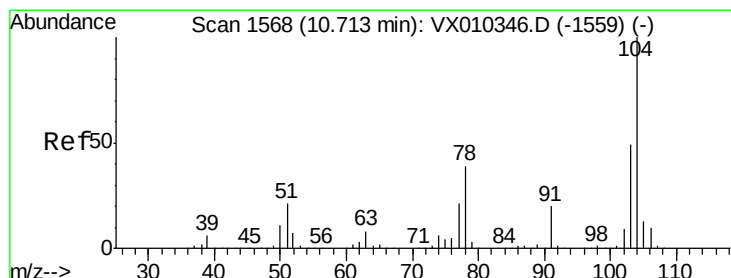
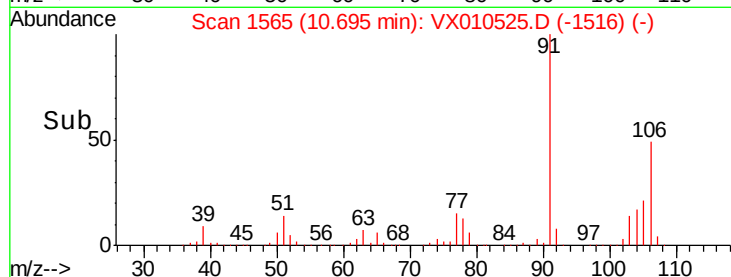
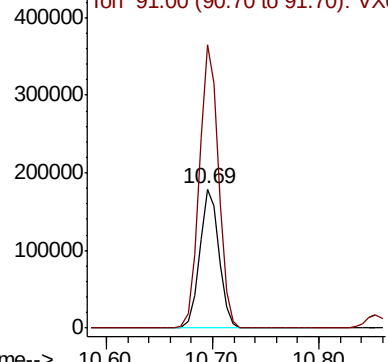
#69
o-Xylene
Concen: 51.002 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 226748
Ion Ratio Lower Upper
106 100
91 203.4 102.7 308.1

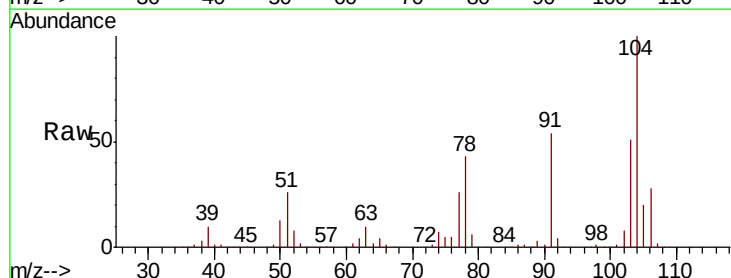


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

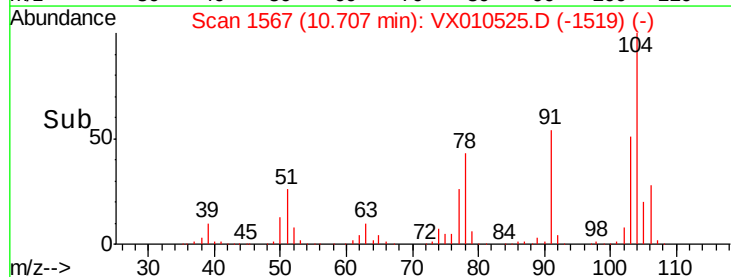
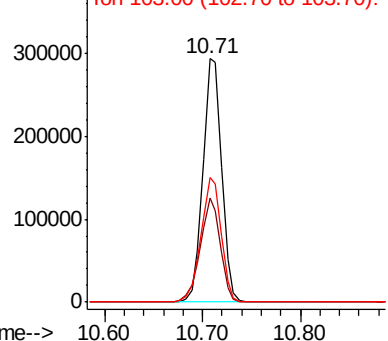


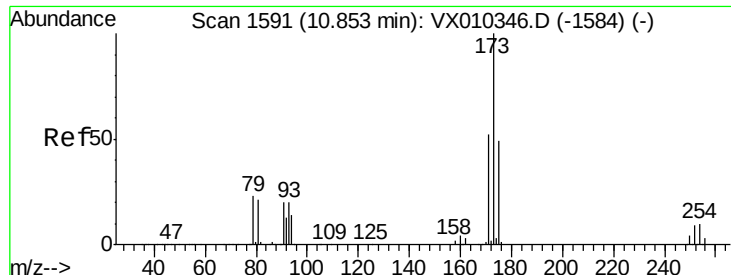
#70
Styrene
Concen: 52.428 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion:104 Resp: 390891
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.2
103 55.0 44.2 66.4



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





#71

Bromoform

Concen: 50.830 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

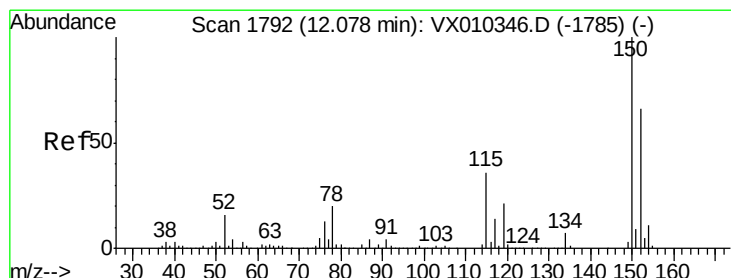
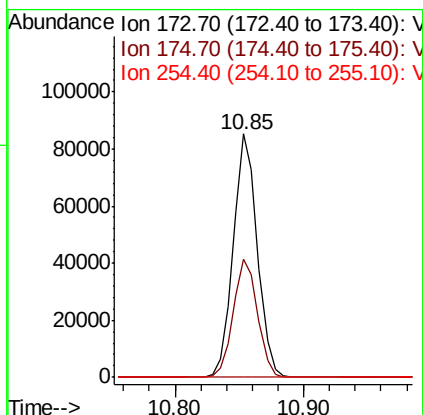
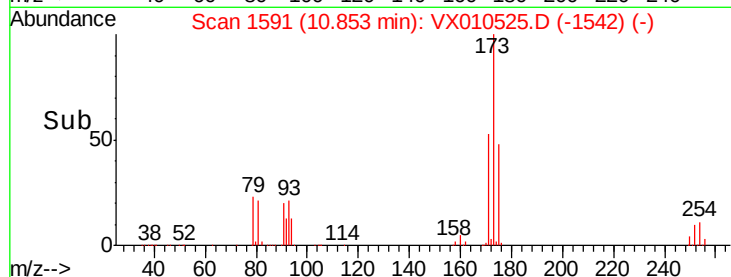
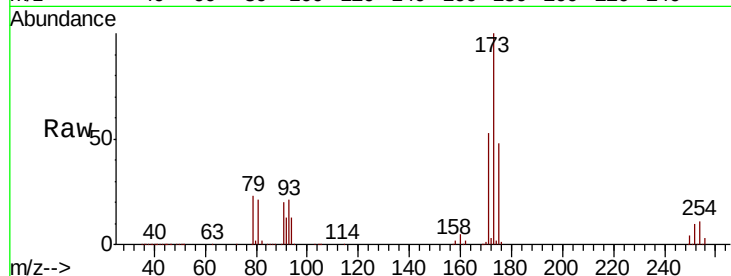
Tot Ion:173 Resp: 111275

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

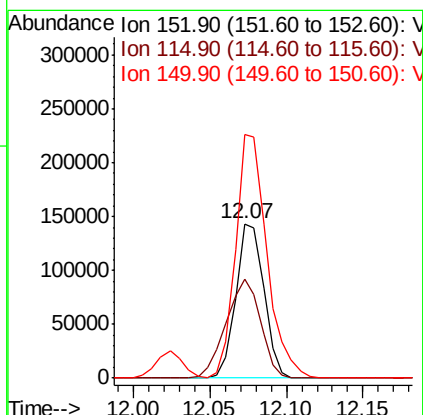
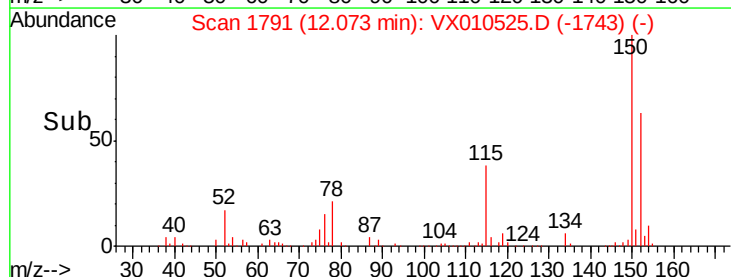
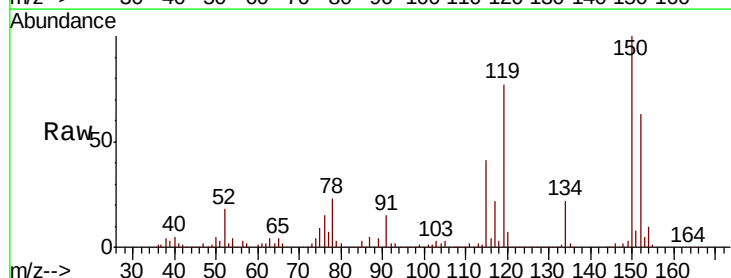
Tgt Ion:152 Resp: 181638

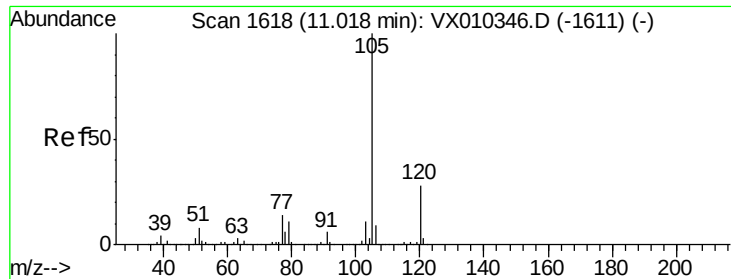
Ion Ratio Lower Upper

152 100

115 78.9 38.6 115.7

150 175.9 0.0 347.4





#73

Isopropylbenzene

Concen: 49.650 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

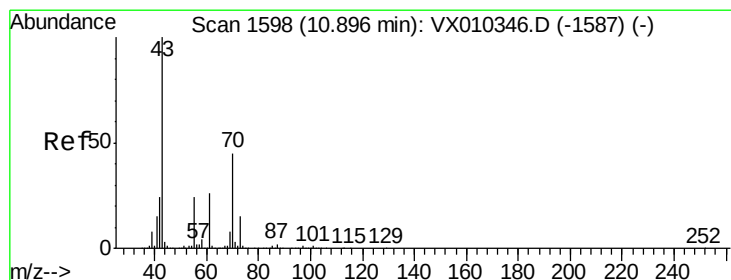
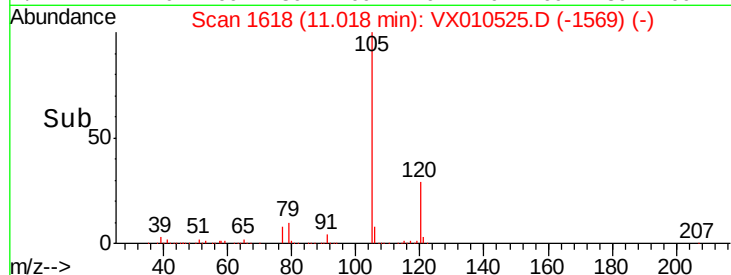
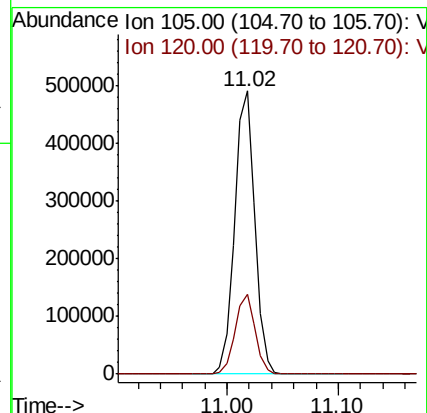
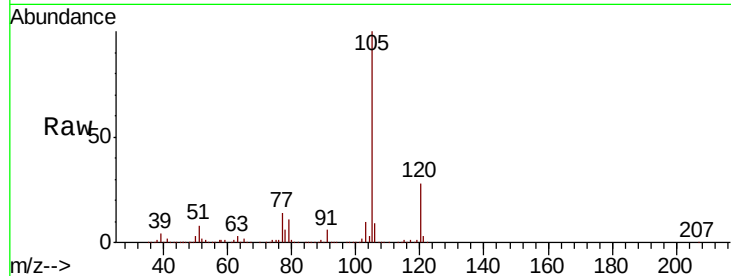
VSTDCCC050

Tot Ion:105 Resp: 611329

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4



#74

N-ethyl acetate

Concen: 50.024 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Tgt Ion: 43 Resp: 232777

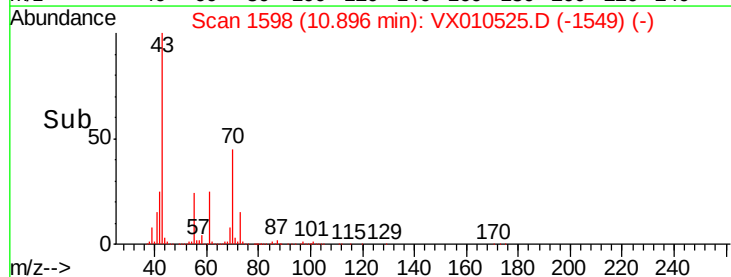
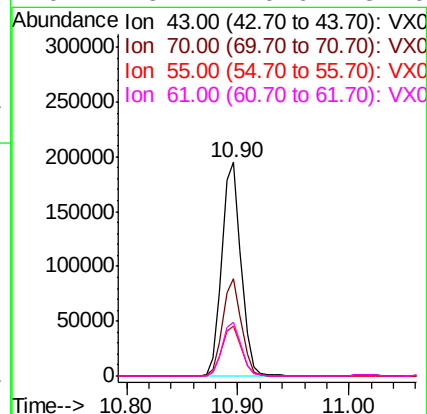
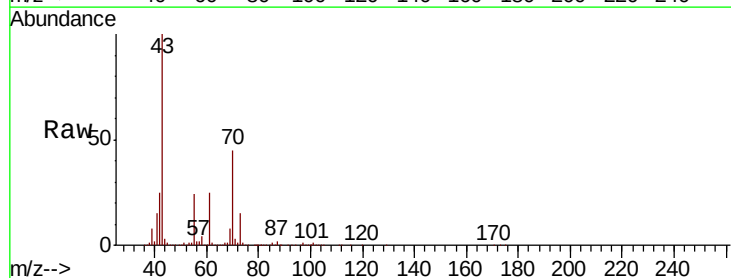
Ion Ratio Lower Upper

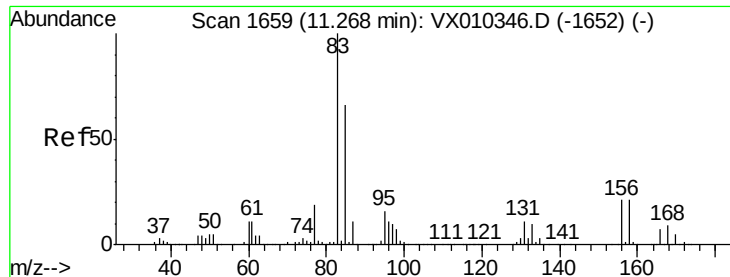
43 100

70 44.5 36.6 54.8

55 23.8 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.825 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

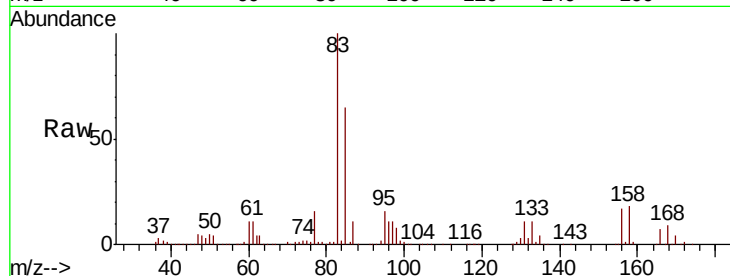
Tot Ion: 83 Resp: 195014

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

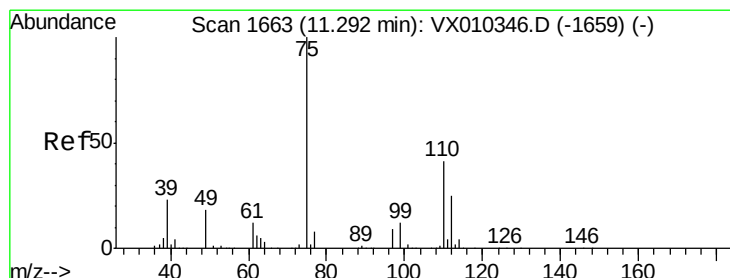
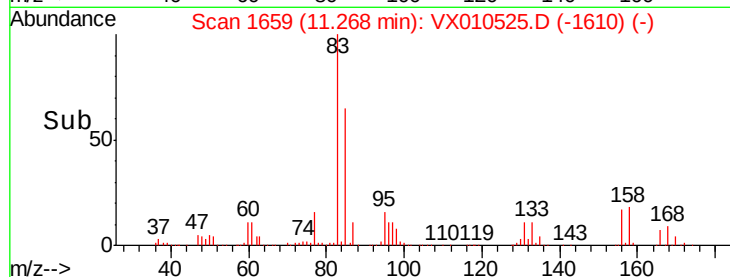
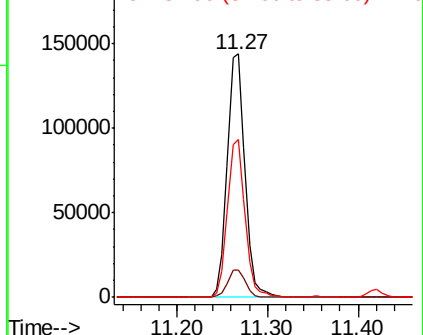
85 64.7 32.3 96.8



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: 65.464 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010525.D

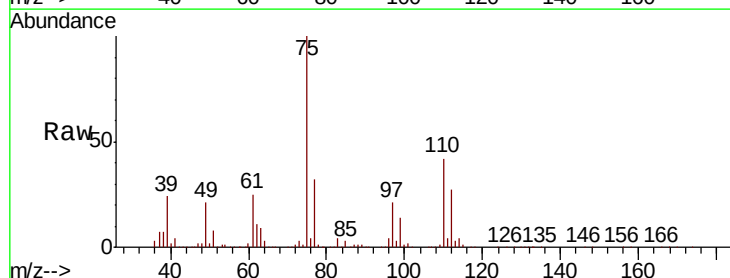
Acq: 28 Jun 2019 10:11

Tgt Ion: 75 Resp: 216681

Ion Ratio Lower Upper

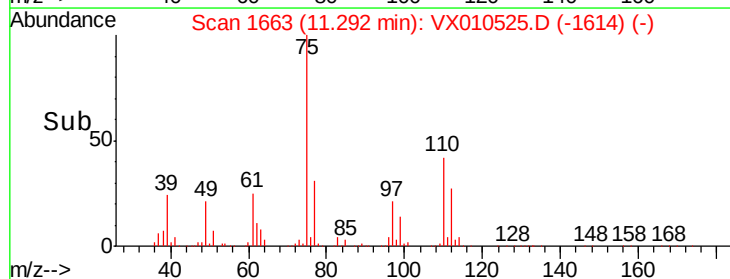
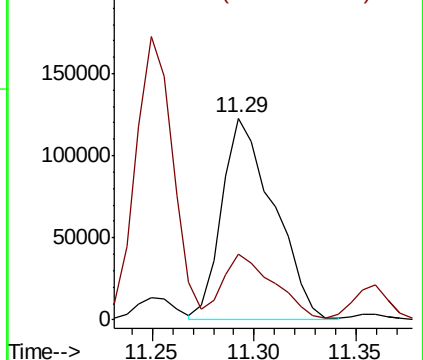
75 100

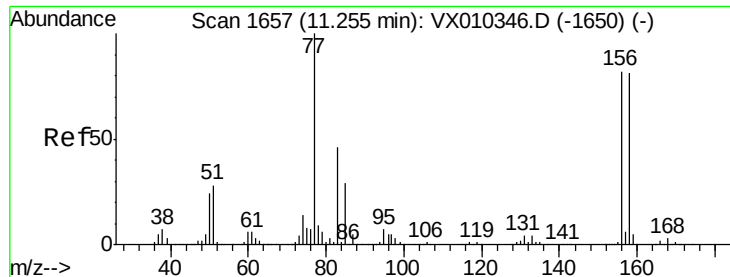
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.116 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

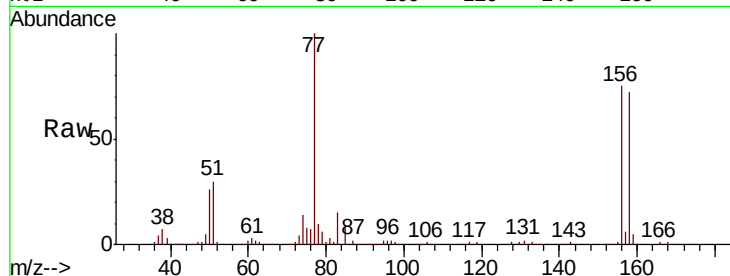
Tot Ion:156 Resp: 168865

Ion Ratio Lower Upper

156 100

77 130.2 66.3 198.7

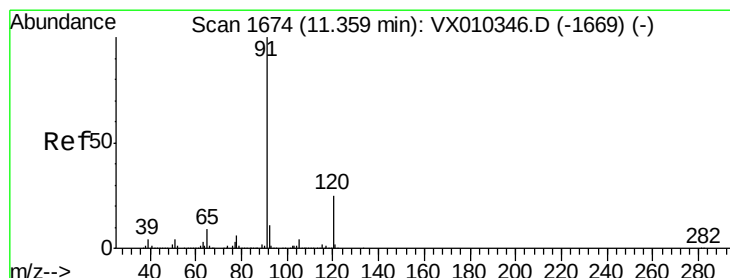
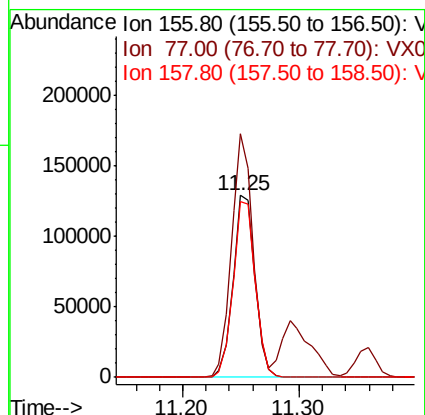
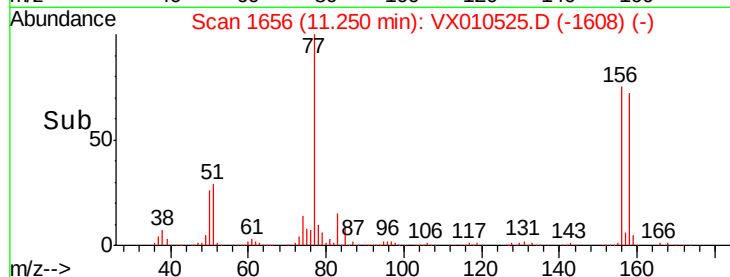
158 98.0 48.9 146.7



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: 50.680 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010525.D

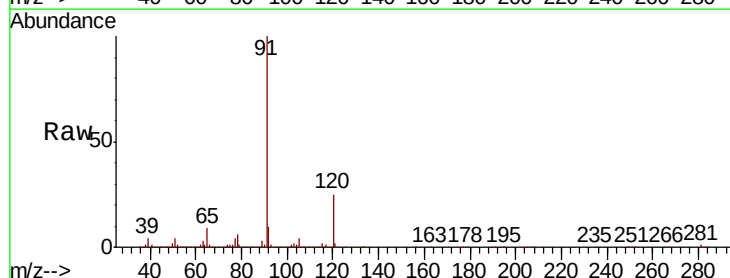
Acq: 28 Jun 2019 10:11

Tgt Ion: 91 Resp: 685814

Ion Ratio Lower Upper

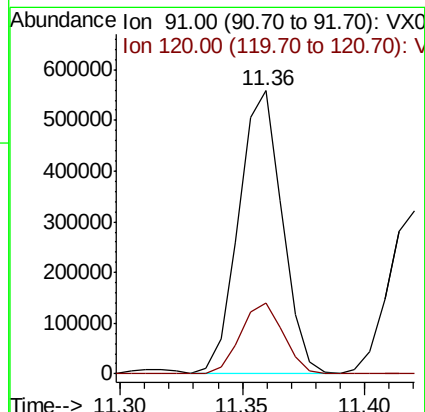
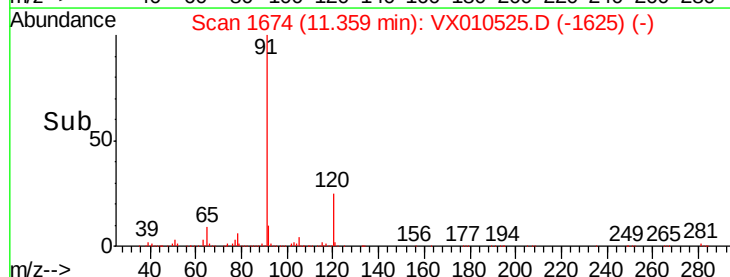
91 100

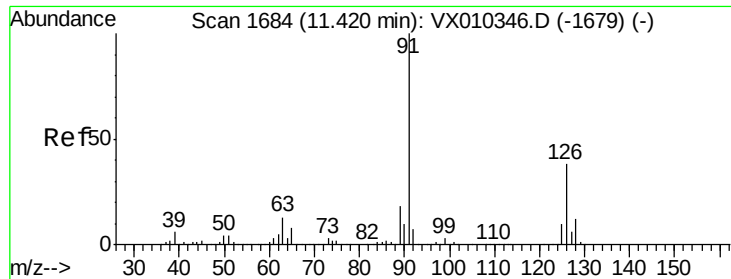
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

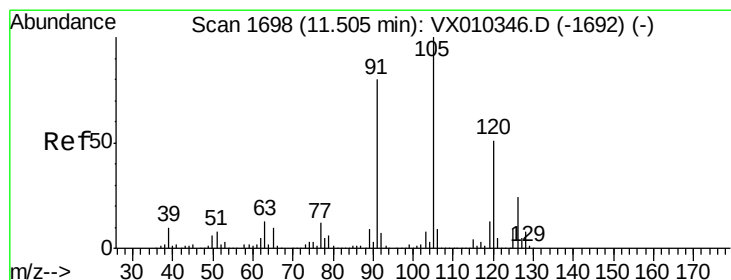
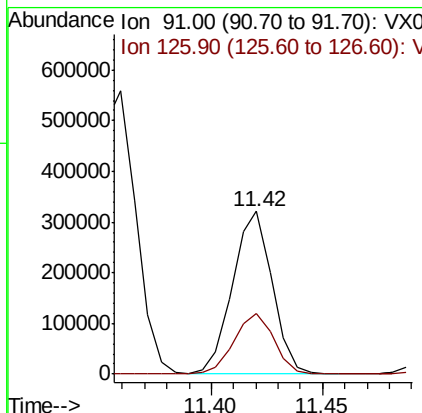
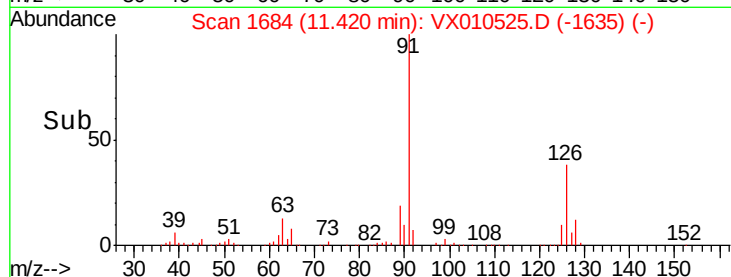
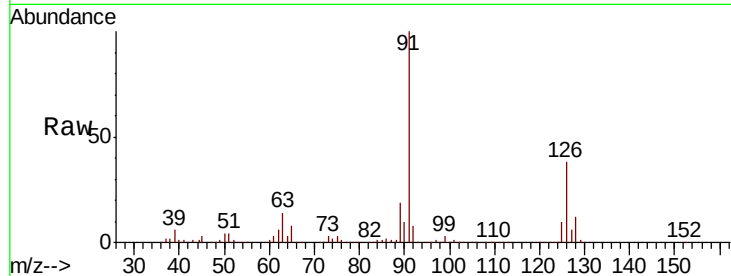




#79
 2-Chlorotoluene
 Concen: 49.164 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

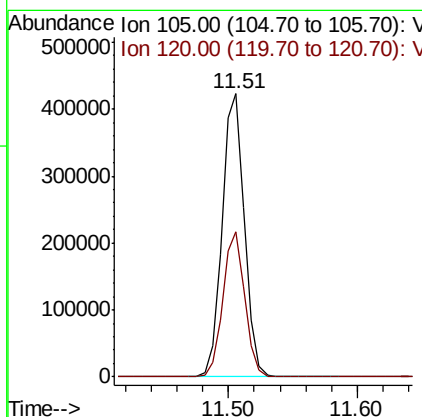
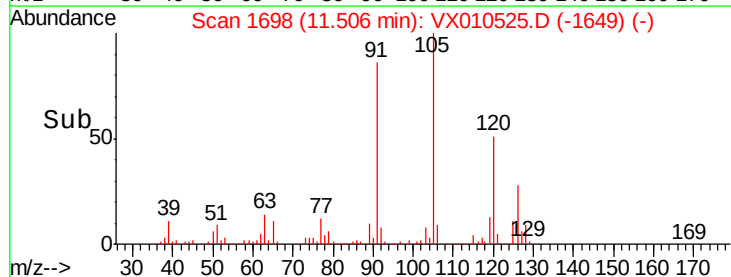
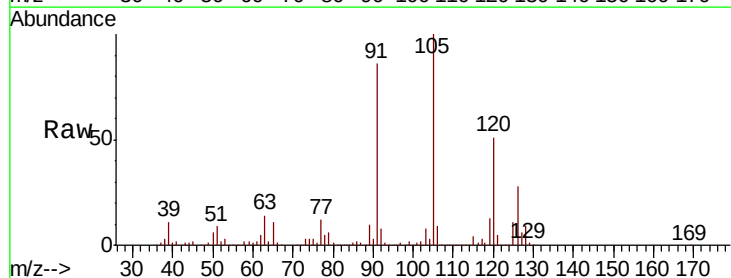
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

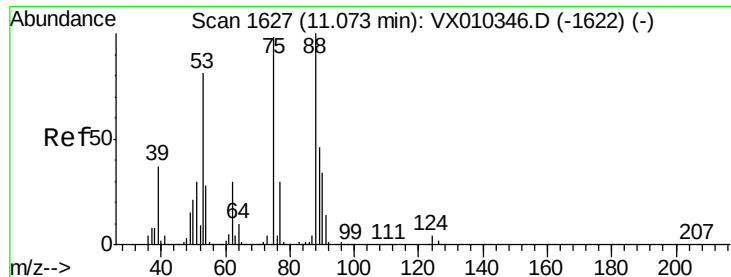
Tot Ion: 91 Resp: 396174
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.591 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion:105 Resp: 513516
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6

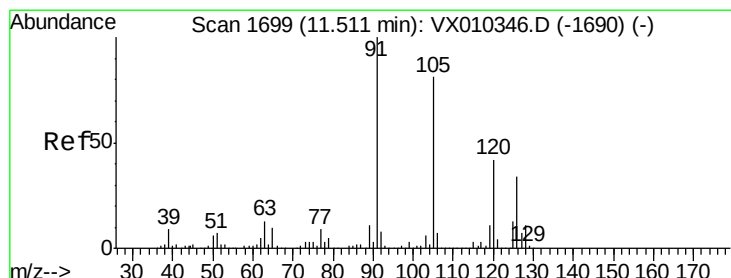
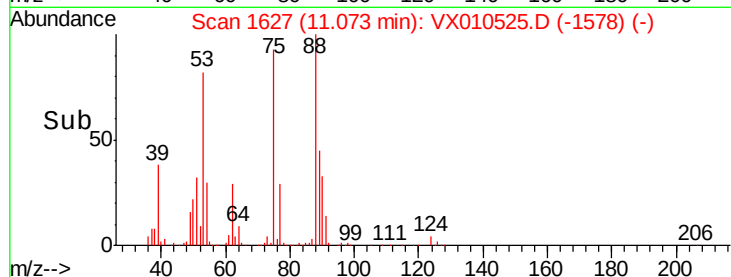
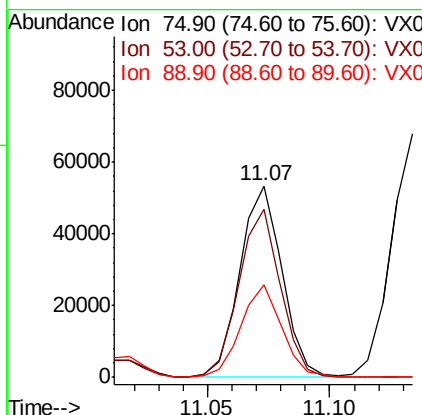
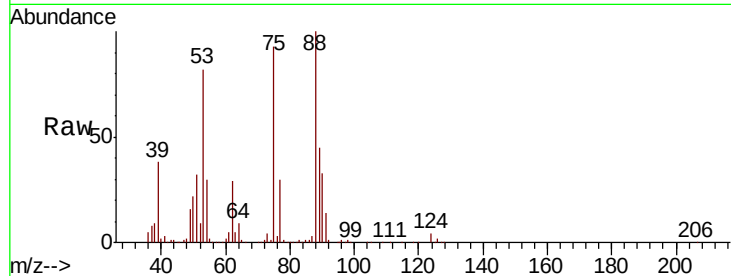




#81
trans-1,4-Dichloro-2-butene
Concen: 44.568 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

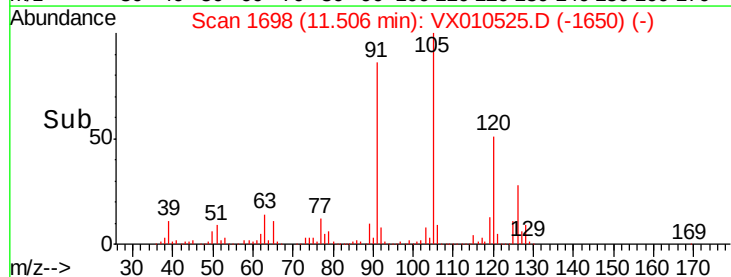
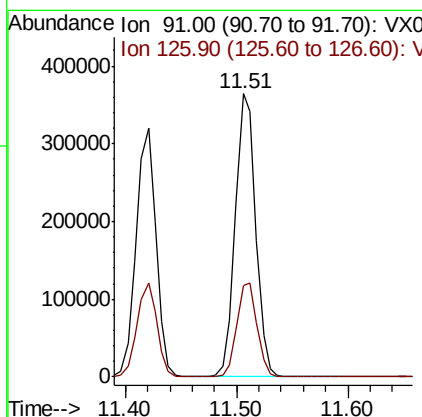
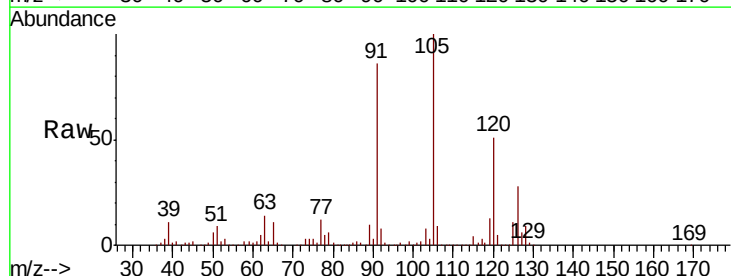
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

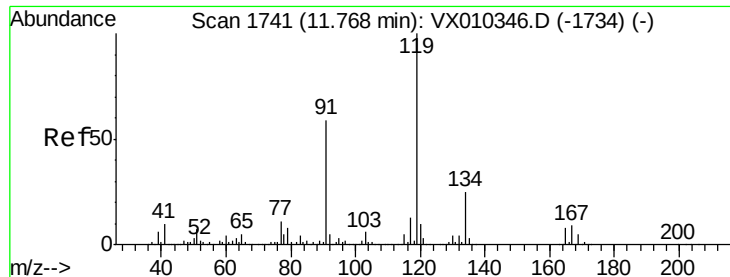
Tot Ion: 75 Resp: 63233
Ion Ratio Lower Upper
75 100
53 87.8 66.1 99.1
89 47.8 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.335 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010525.D
Acq: 28 Jun 2019 10:11

Tgt Ion: 91 Resp: 461537
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

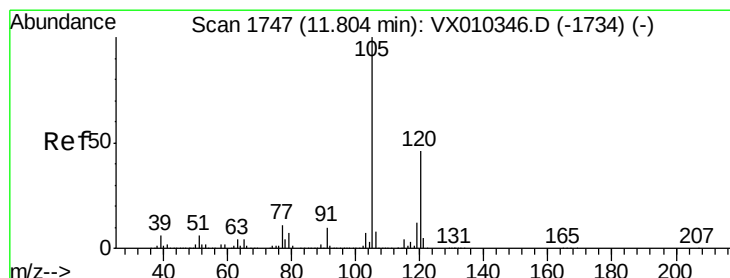
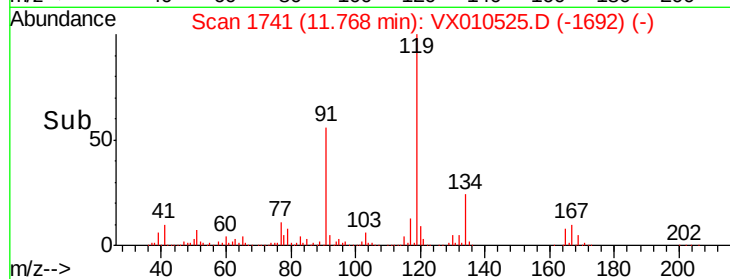
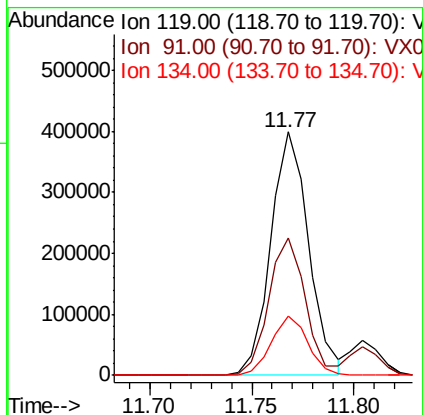
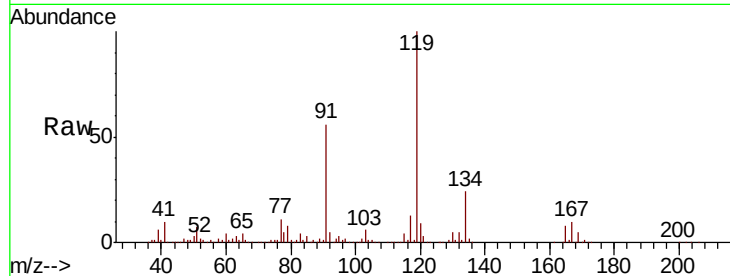




#83
 tert-Butylbenzene
 Concen: 50.738 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

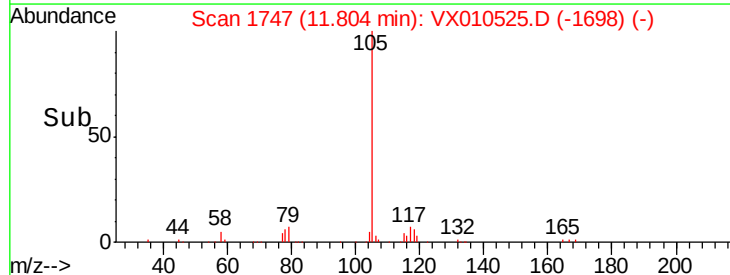
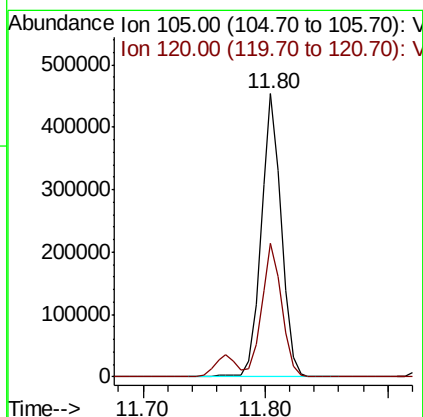
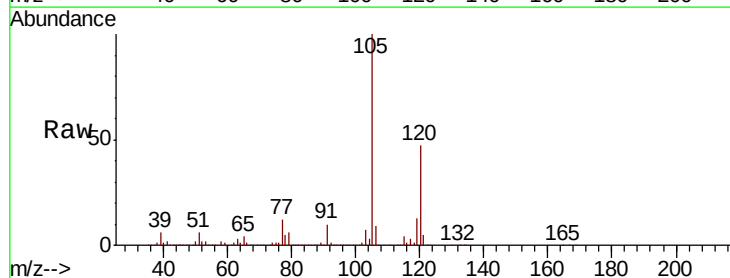
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

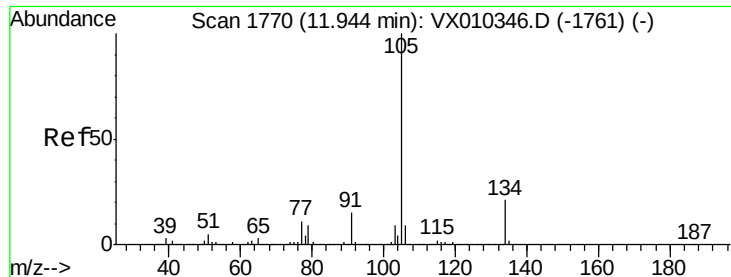
Tot Ion:119 Resp: 516912
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.6 82.7
 134 23.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.056 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion:105 Resp: 520667
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.602 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

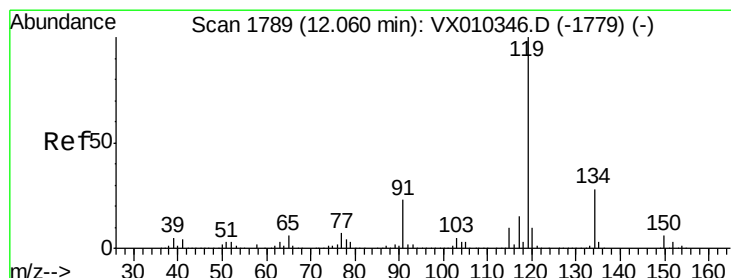
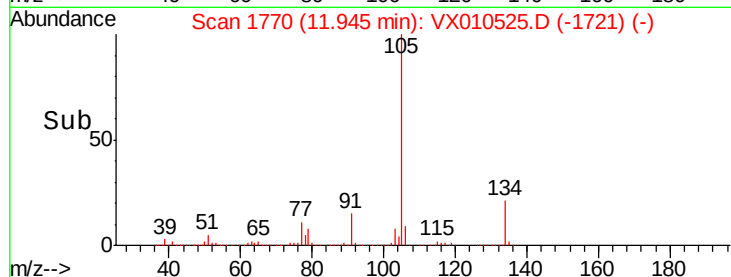
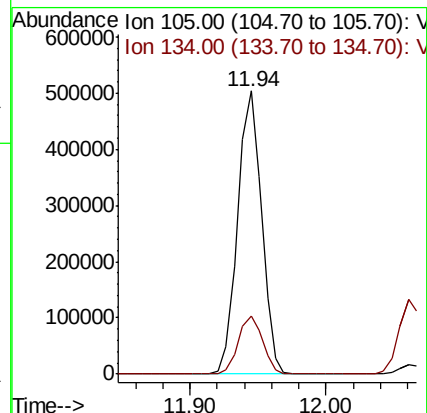
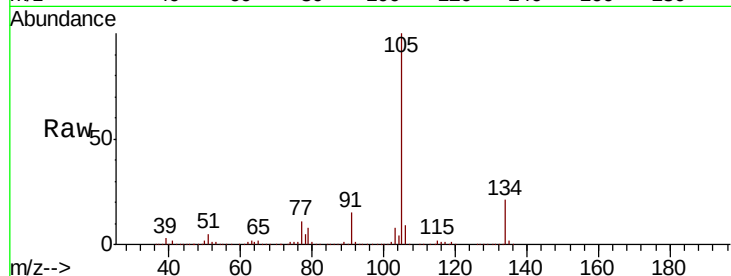
VSTDCCC050

Tot Ion:105 Resp: 617255

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 52.094 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

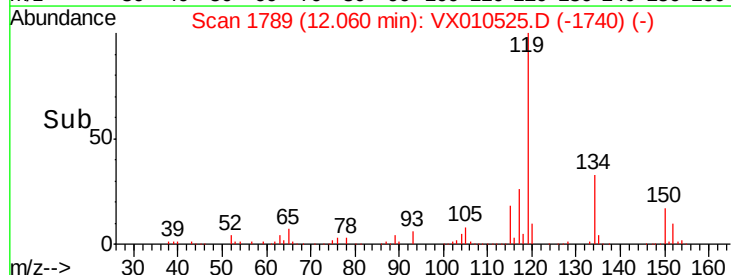
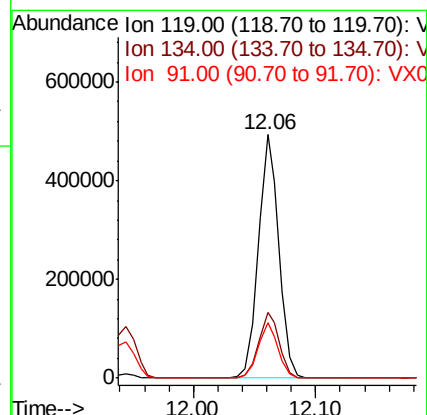
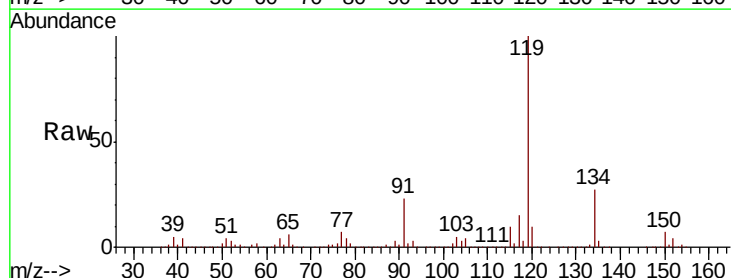
Tgt Ion:119 Resp: 576385

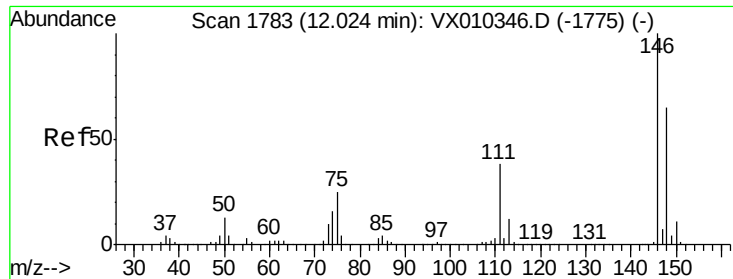
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.1 11.3 33.8

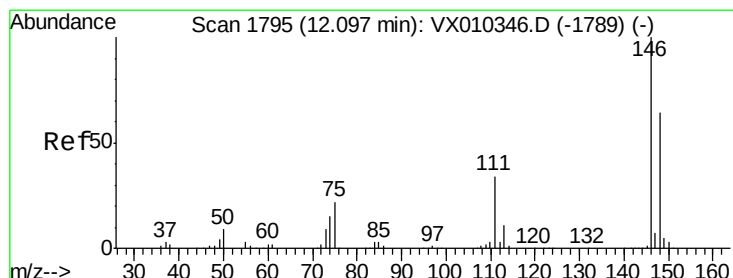
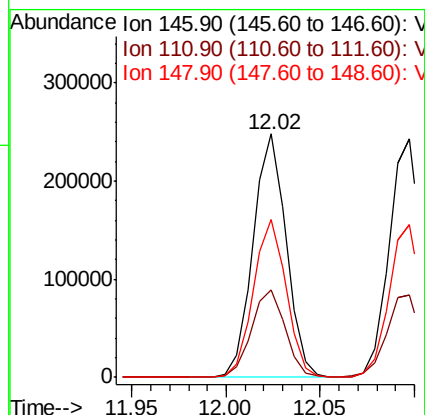
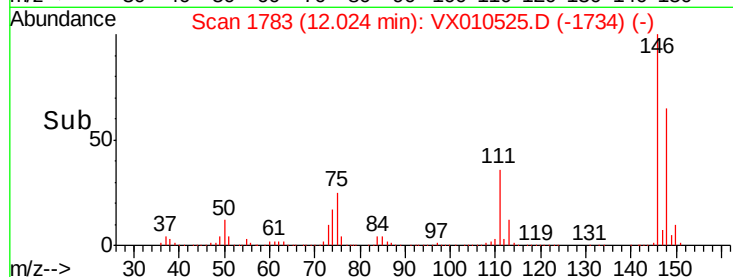
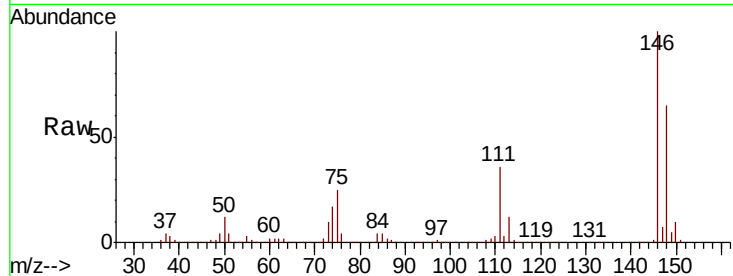




#87
 1,3-Dichlorobenzene
 Concen: 50.382 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

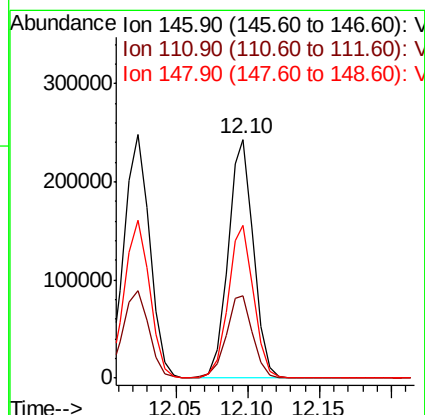
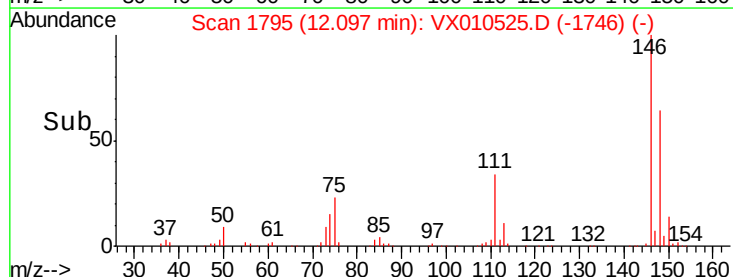
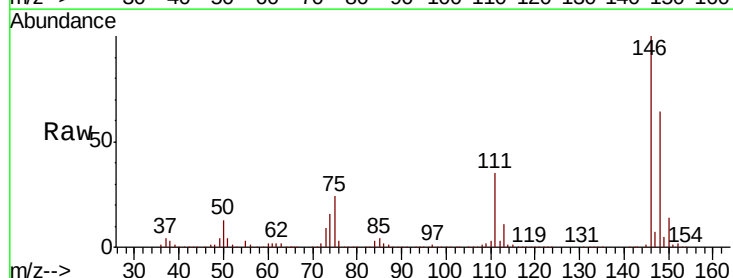
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

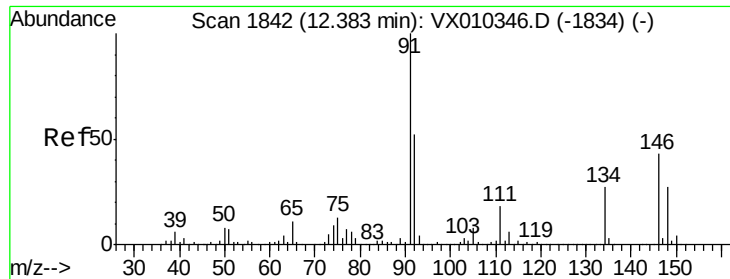
Tot Ion:146 Resp: 302361
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.1
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion:146 Resp: 300373
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.3
 148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 53.205 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

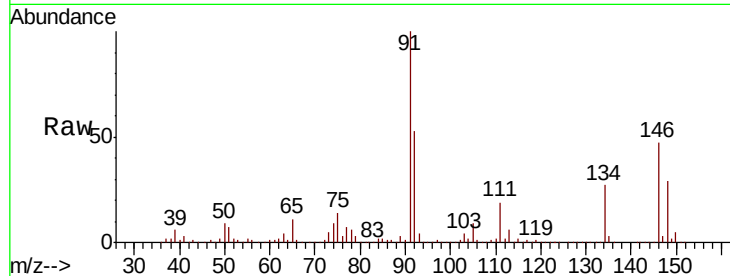
Tot Ion: 91 Resp: 500236

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

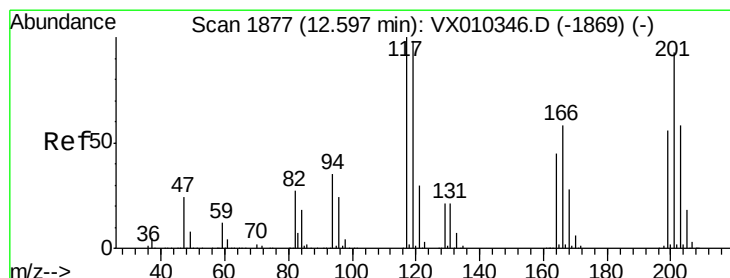
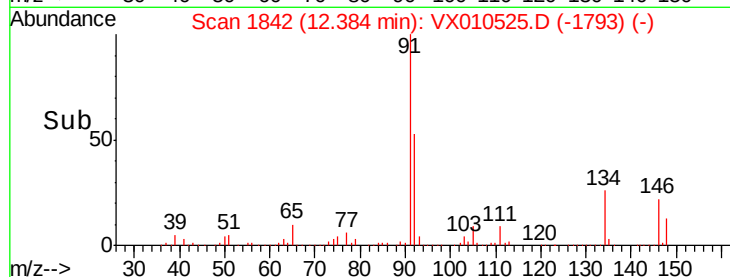
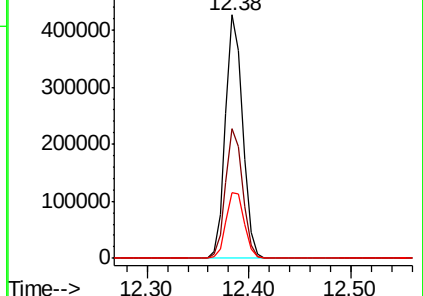
134 28.4 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.467 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010525.D

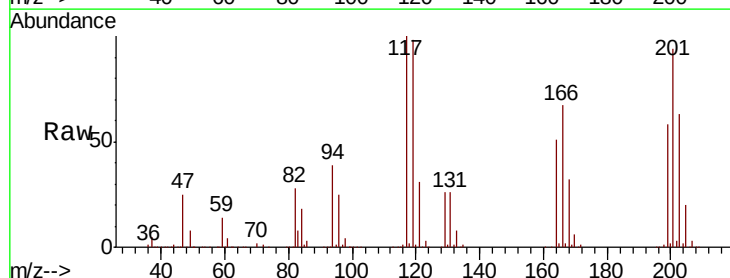
Acq: 28 Jun 2019 10:11

Tgt Ion: 117 Resp: 90813

Ion Ratio Lower Upper

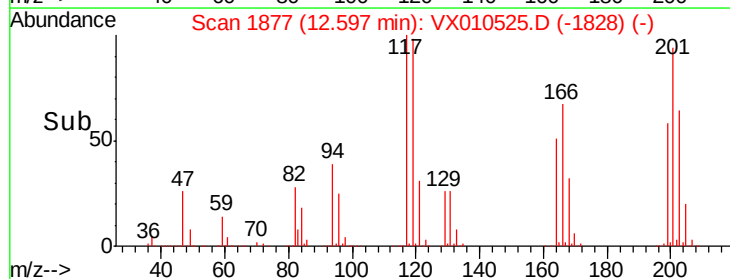
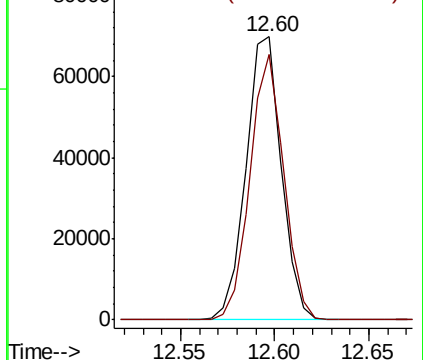
117 100

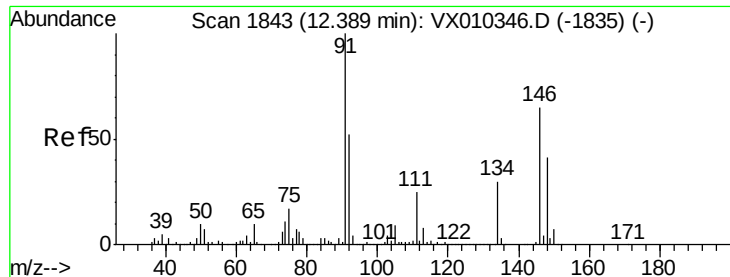
201 89.7 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

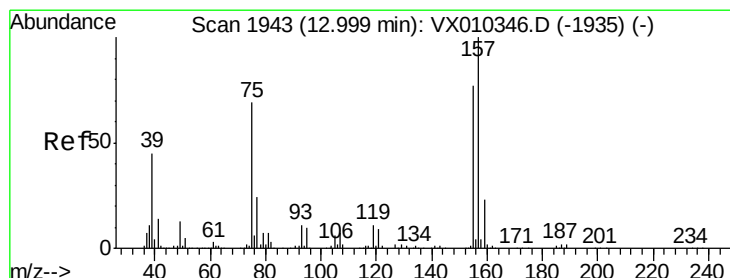
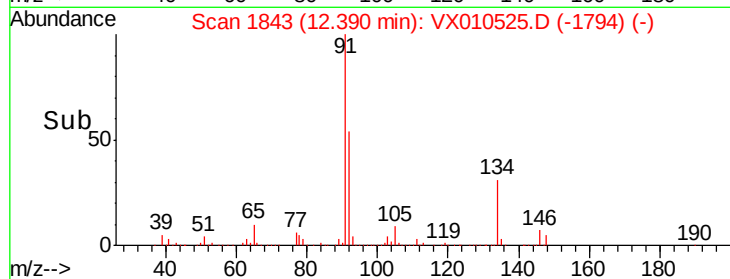
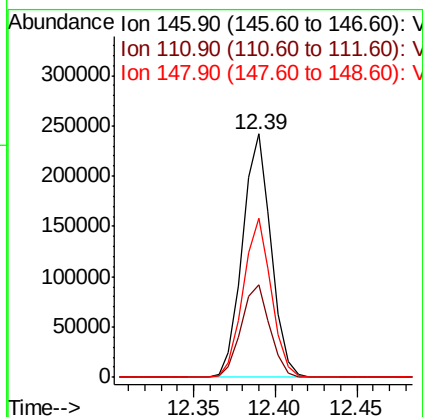
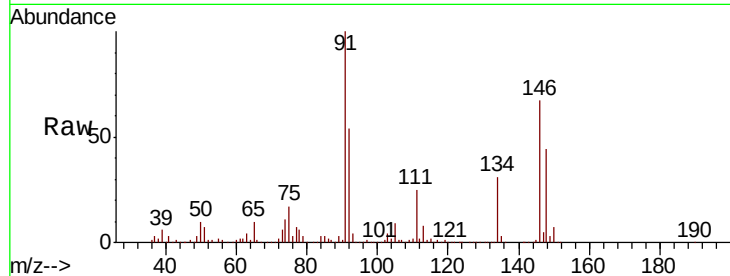




#91
 1,2-Dichlorobenzene
 Concen: 49.456 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

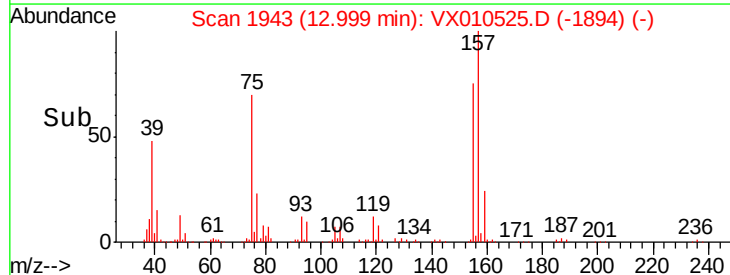
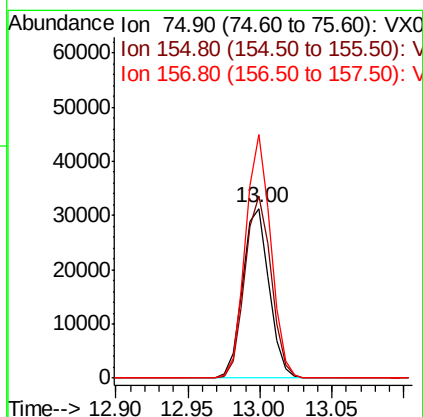
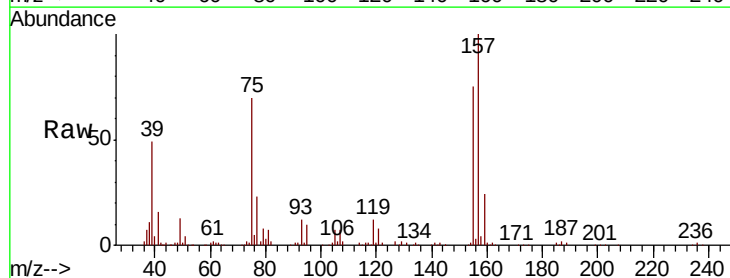
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

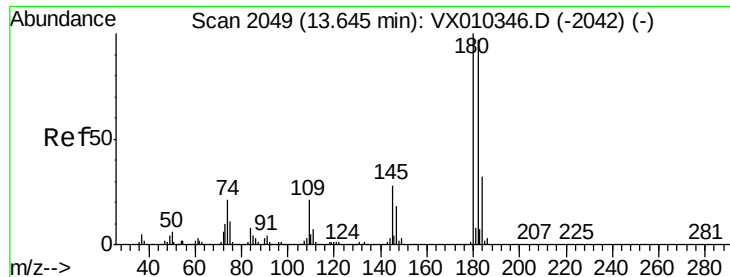
Tot Ion:146 Resp: 294988
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.235 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion: 75 Resp: 39769
 Ion Ratio Lower Upper
 75 100
 155 107.0 54.4 163.1
 157 136.8 69.5 208.3

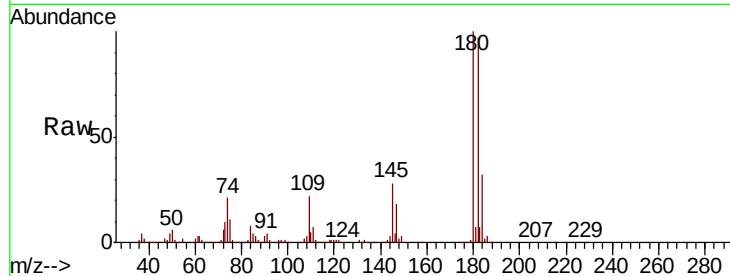




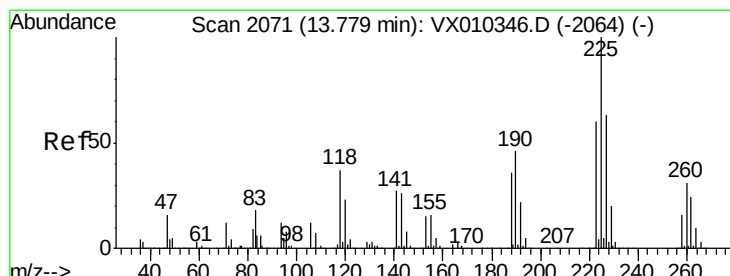
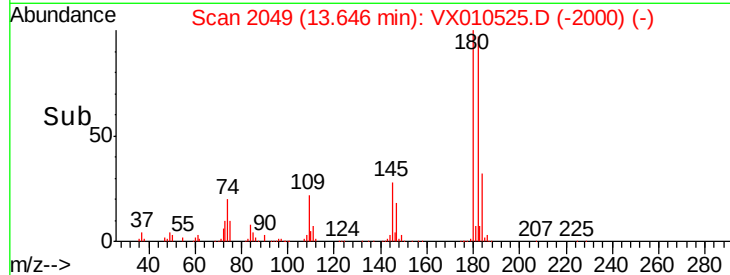
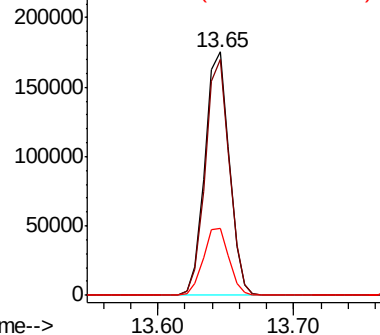
#93
 1,2,4-Trichlorobenzene
 Concen: 52.808 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 218436
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.0
 145 29.0 14.4 43.4

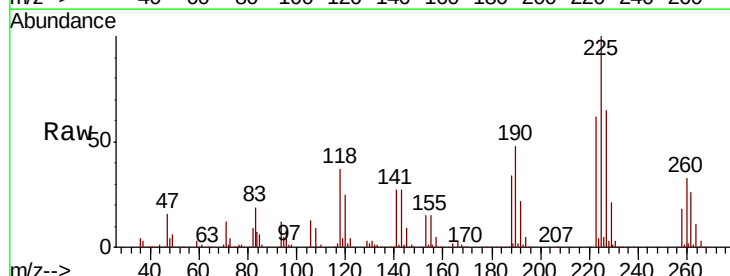


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

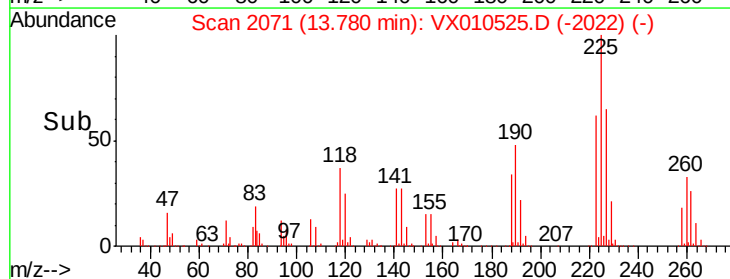
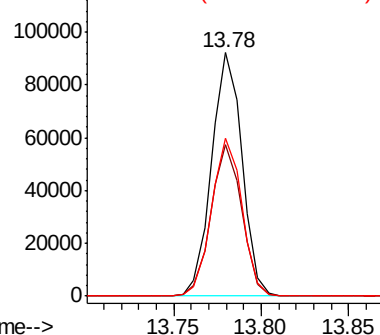


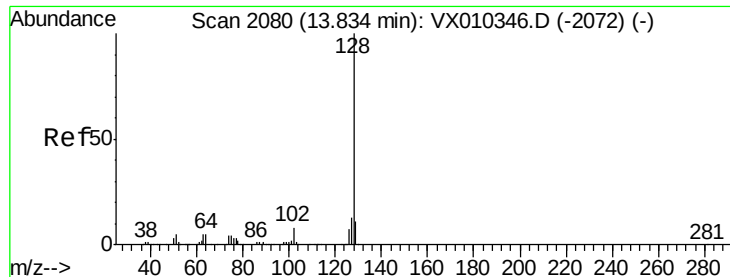
#94
 Hexachlorobutadiene
 Concen: 55.047 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010525.D
 Acq: 28 Jun 2019 10:11

Tgt Ion:225 Resp: 111282
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 65.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.874 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

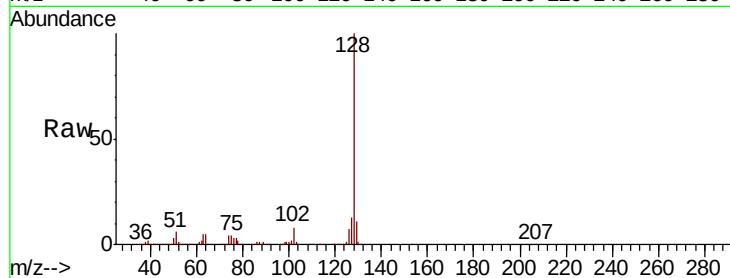
Tot Ion:128 Resp: 633965

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.9 13.3



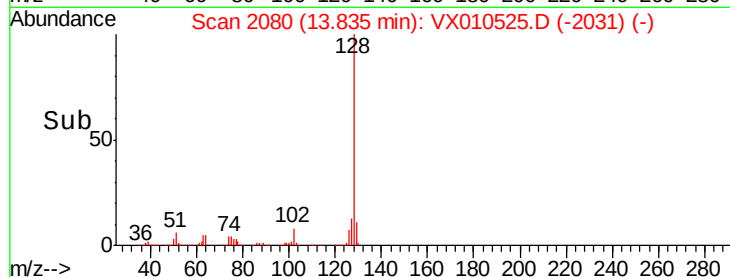
Abundance

Ion 128.00 (127.70 to 128.70): V

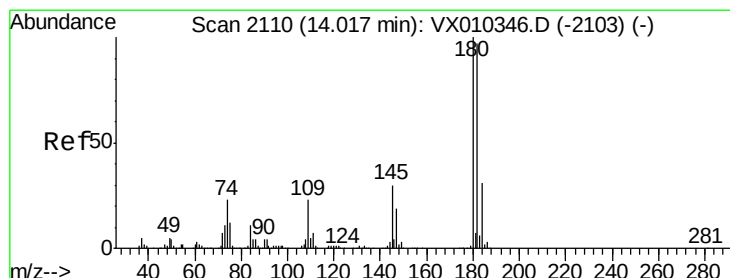
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 52.531 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010525.D

Acq: 28 Jun 2019 10:11

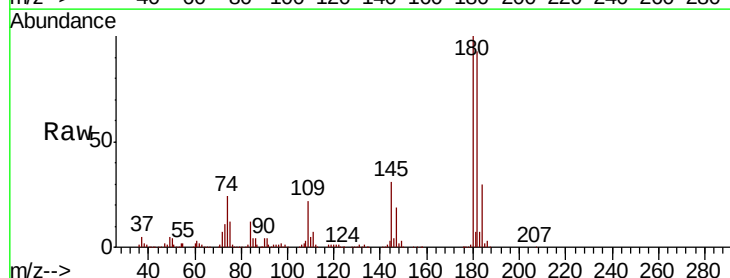
Tgt Ion:180 Resp: 216042

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 31.0 15.2 45.6



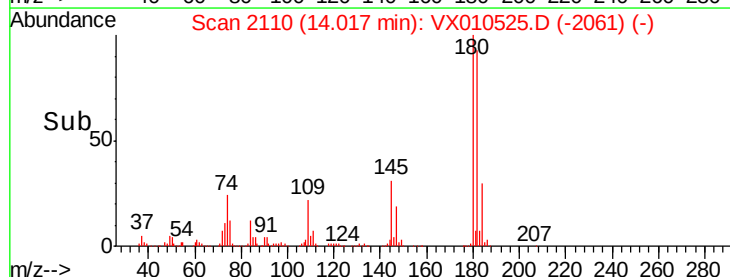
Abundance

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

14.02



Time-->