

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009926.D
 Acq On : 28 May 2019 19:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 04:13:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119246	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	114578	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	81875	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	343424	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	125988	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111390	55.944	ug/l	98
3) Chloromethane	1.32	50	136705	51.072	ug/l	100
4) Vinyl Chloride	1.41	62	125158	51.868	ug/l	98
5) Bromomethane	1.64	94	69962	47.854	ug/l	98
6) Chloroethane	1.71	64	73499	49.481	ug/l	100
7) Trichlorofluoromethane	1.92	101	136066	51.028	ug/l	99
8) Diethyl Ether	2.19	74	60021	47.900	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79295	49.256	ug/l	99
10) Methyl Iodide	2.51	142	99367	49.861	ug/l	99
11) Tert butyl alcohol	3.06	59	144087	254.375	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82359	49.911	ug/l	99
13) Acrolein	2.29	56	86767	218.964	ug/l	100
14) Allyl chloride	2.73	41	203341	50.700	ug/l	100
15) Acrylonitrile	3.14	53	344005	252.053	ug/l	100
16) Acetone	2.45	43	318547	239.537	ug/l	98
17) Carbon Disulfide	2.57	76	248186	49.674	ug/l	99
18) Methyl Acetate	2.78	43	156741	50.654	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	311767	50.044	ug/l	98
20) Methylene Chloride	2.85	84	98472	48.354	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87745	47.790	ug/l	99
22) Diisopropyl ether	3.86	45	390010	51.108	ug/l #	86
23) Vinyl Acetate	3.82	43	1763888	257.302	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184612	49.920	ug/l	99
25) 2-Butanone	4.68	43	523839	252.833	ug/l	100
26) 2,2-Dichloropropane	4.59	77	127278	45.497	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101166	47.733	ug/l	99
28) Bromochloromethane	5.02	49	92527	48.214	ug/l	98
29) Tetrahydrofuran	5.13	42	344024	258.935	ug/l	99
30) Chloroform	5.21	83	166496	49.921	ug/l	100
31) Cyclohexane	5.58	56	182484	52.099	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	138598	51.027	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129019	47.985	ug/l	99
37) Ethyl Acetate	4.84	43	194064	51.800	ug/l	99
38) Carbon Tetrachloride	5.79	117	116515	50.148	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159019	49.860	ug/l	97
40) Benzene	6.15	78	397645	49.856	ug/l	100
41) Methacrylonitrile	5.04	41	109545	50.040	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143823	48.776	ug/l	99
43) Isopropyl Acetate	6.45	43	303820	50.260	ug/l	100
44) Trichloroethene	7.21	130	93545	48.284	ug/l	95
45) 1,2-Dichloropropane	7.51	63	114045	49.671	ug/l	99
46) Dibromomethane	7.66	93	64024	47.373	ug/l	99
47) Bromodichloromethane	7.90	83	130032	50.596	ug/l	100
48) Methyl methacrylate	7.77	41	154930	51.773	ug/l	99
49) 1,4-Dioxane	7.74	88	56602	1016.876	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1027623	261.327	ug/l	99
52) Toluene	8.79	92	242198	50.013	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151547	49.168	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	165998	49.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95394	48.942	ug/l	98
56) Ethyl methacrylate	9.18	69	182112	52.481	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172962	49.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	465887	256.037	ug/l	99
59) 2-Hexanone	9.49	43	797281	263.346	ug/l	100
60) Dibromochloromethane	9.58	129	95951	50.044	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99239	49.559	ug/l	100
64) Tetrachloroethene	9.34	164	83919	49.498	ug/l	97
65) Chlorobenzene	10.14	112	245595	48.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89133	50.574	ug/l	99
67) Ethyl Benzene	10.25	91	465969	51.072	ug/l	99
68) m/p-Xylenes	10.36	106	343287	101.847	ug/l	100
69) o-Xylene	10.69	106	165666	51.249	ug/l	99
70) Styrene	10.71	104	293491	51.777	ug/l	100
71) Bromoform	10.85	173	75109	52.136	ug/l #	97
73) Isopropylbenzene	11.02	105	440894	50.112	ug/l	100
74) N-amyl acetate	10.90	43	279826	53.225	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	165046	50.282	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	194231	68.114	ug/l	82
77) Bromobenzene	11.26	156	108888	48.563	ug/l	99
78) n-propylbenzene	11.36	91	517961	51.074	ug/l	99
79) 2-Chlorotoluene	11.42	91	307905	49.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	379318	51.175	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56026	48.611	ug/l	98
82) 4-Chlorotoluene	11.51	91	360047	49.917	ug/l	100
83) tert-Butylbenzene	11.77	119	359379	50.679	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	379814	50.457	ug/l	99
85) sec-Butylbenzene	11.94	105	426856	50.597	ug/l	99
86) p-Isopropyltoluene	12.06	119	393068	51.800	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194643	48.760	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	194200	47.703	ug/l	99
89) n-Butylbenzene	12.38	91	364575	51.123	ug/l	99
90) Hexachloroethane	12.60	117	67531	51.858	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194961	49.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38073	49.278	ug/l	98

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Response via : Initial Calibration

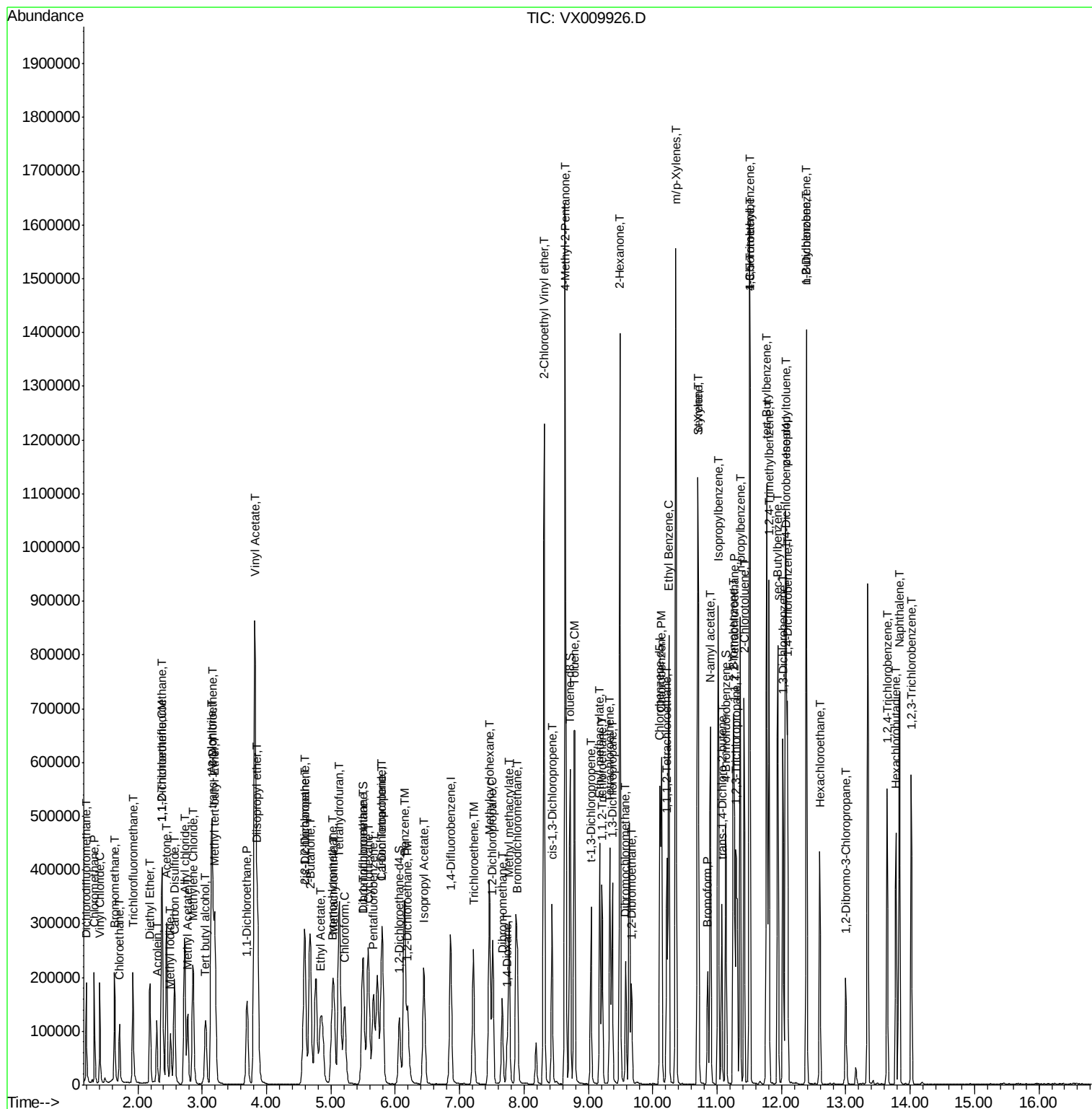
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136749	48.622	ug/l	100
94) Hexachlorobutadiene	13.78	225	69567	49.314	ug/l	98
95) Naphthalene	13.83	128	441943	50.494	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137066	48.687	ug/l	100

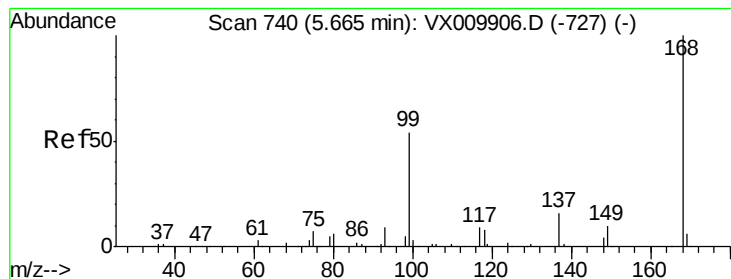
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

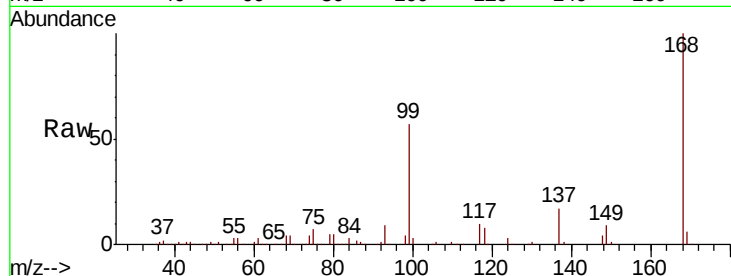
VSTDCCC050EC

Tot Ion:168 Resp: 162939

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

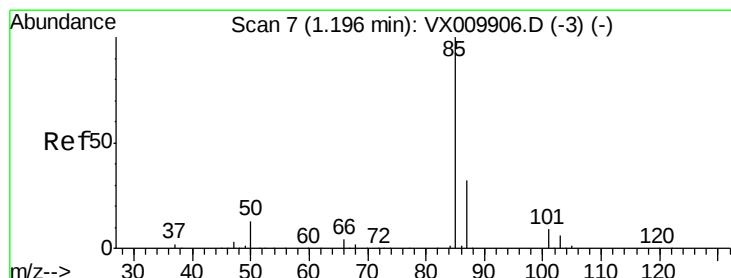
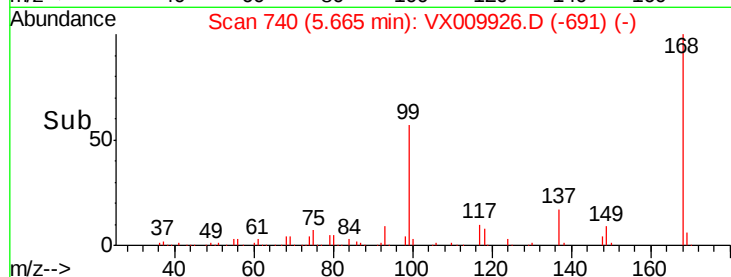
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 55.944 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009926.D

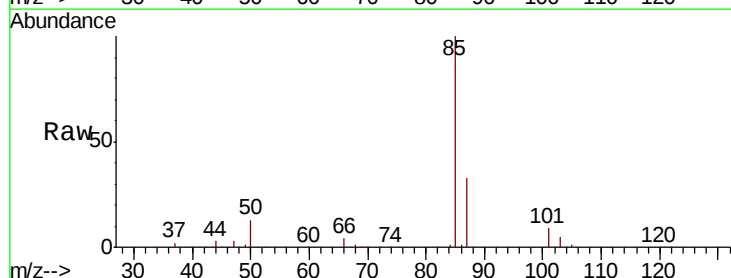
Acq: 28 May 2019 19:40

Tgt Ion: 85 Resp: 111390

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

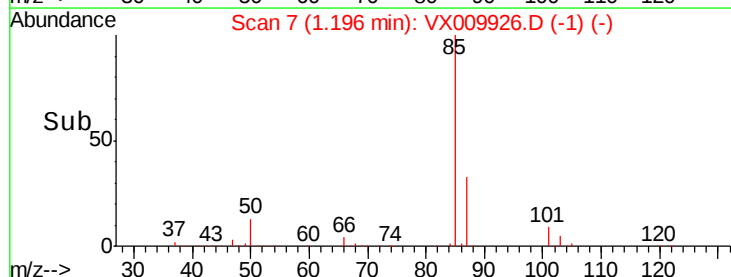
60000

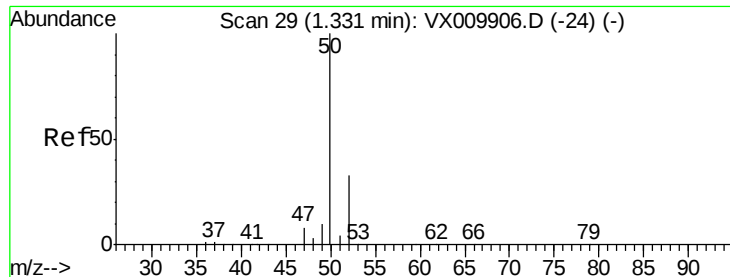
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 51.072 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

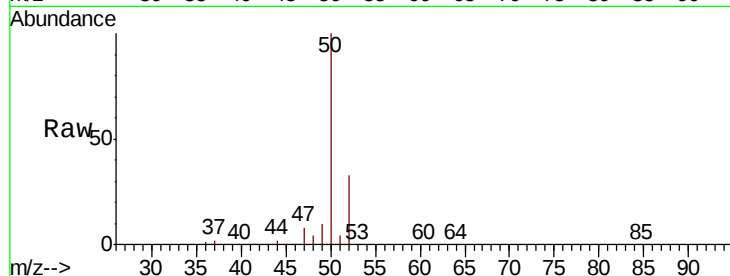
VSTDCCC050EC

Tot Ion: 50 Resp: 136705

Ion Ratio Lower Upper

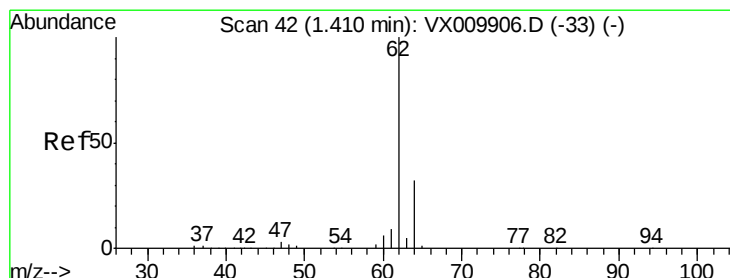
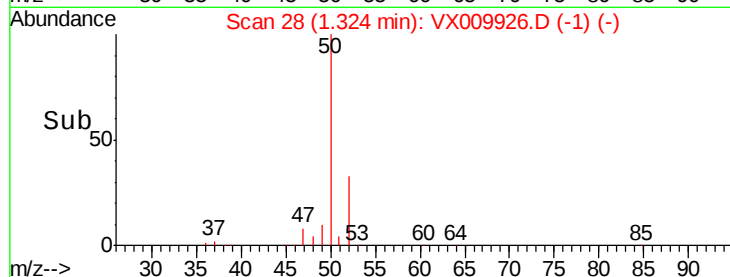
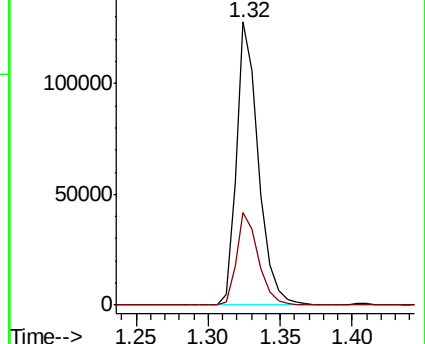
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.868 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009926.D

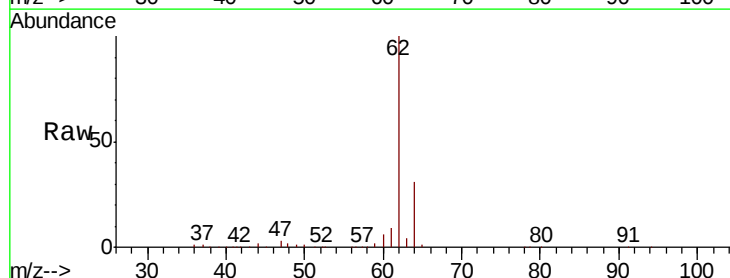
Acq: 28 May 2019 19:40

Tgt Ion: 62 Resp: 125158

Ion Ratio Lower Upper

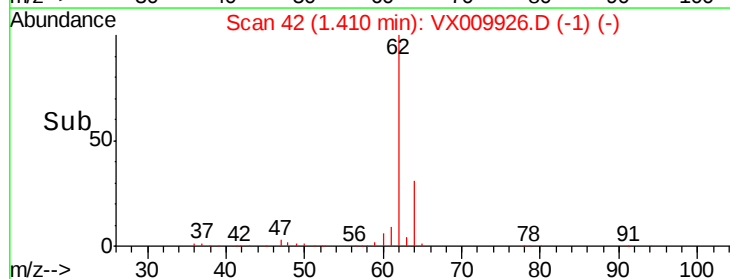
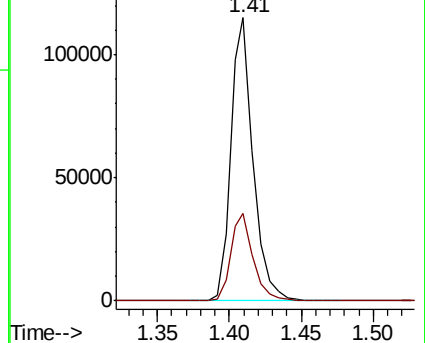
62 100

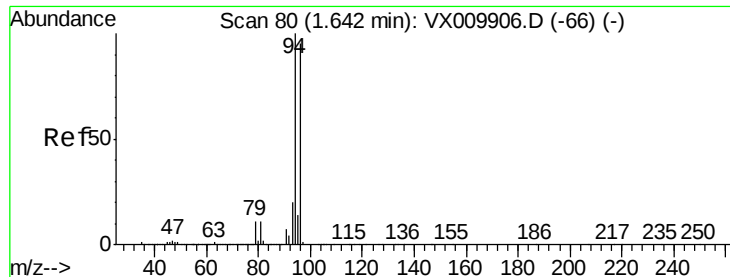
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.854 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

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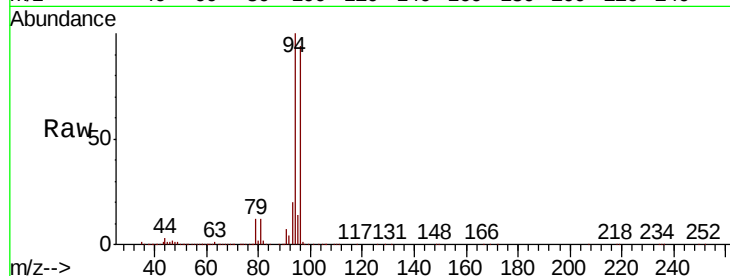
VSTDCCC050EC

Tot Ion: 94 Resp: 69962

Ion Ratio Lower Upper

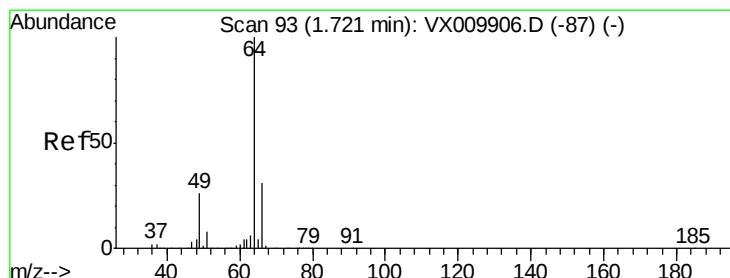
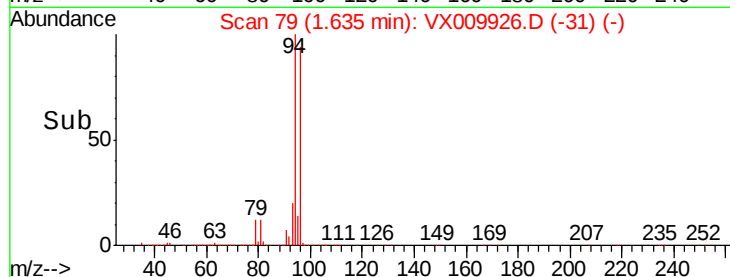
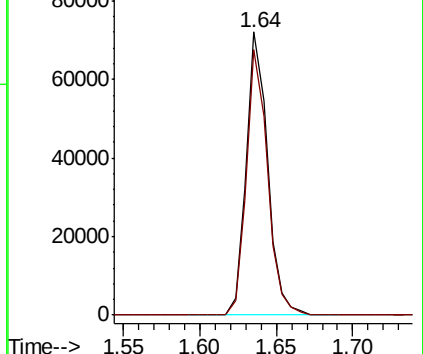
94 100

96 93.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.481 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009926.D

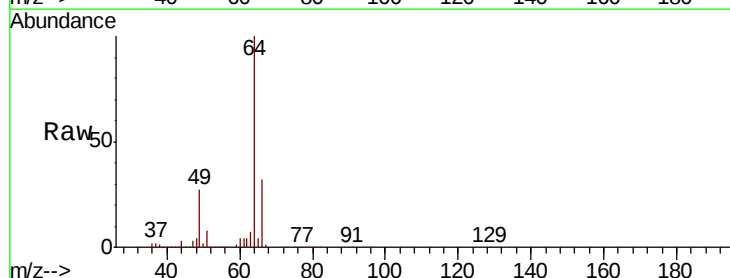
Acq: 28 May 2019 19:40

Tgt Ion: 64 Resp: 73499

Ion Ratio Lower Upper

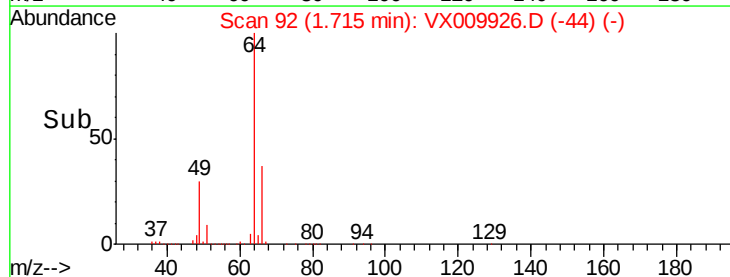
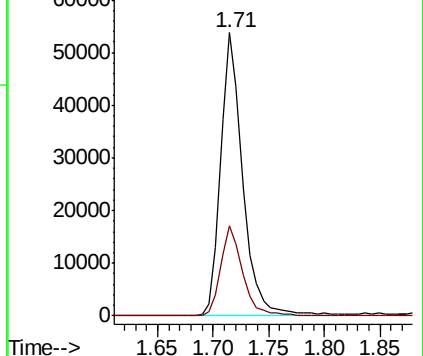
64 100

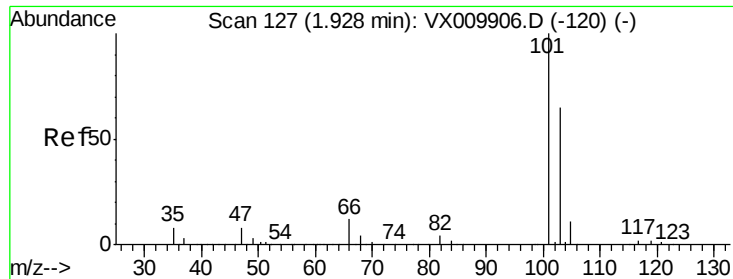
66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



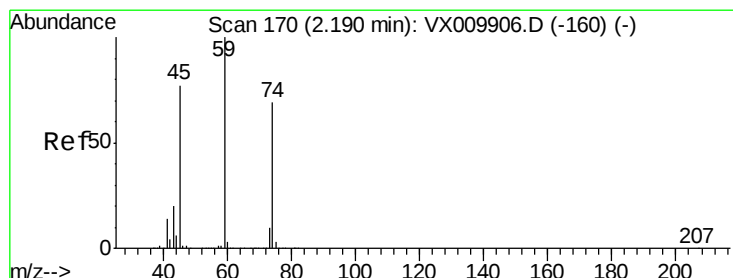
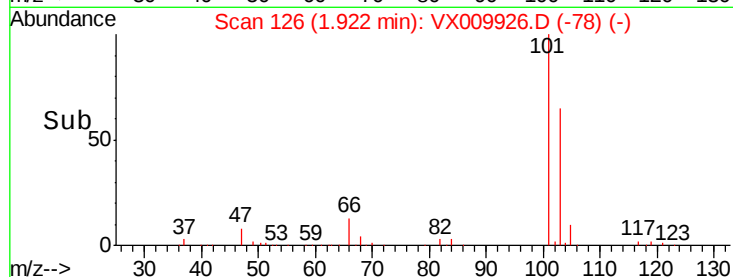
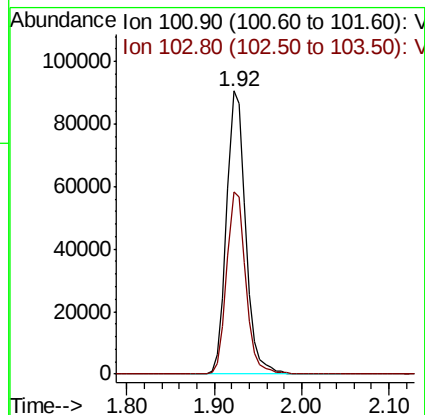
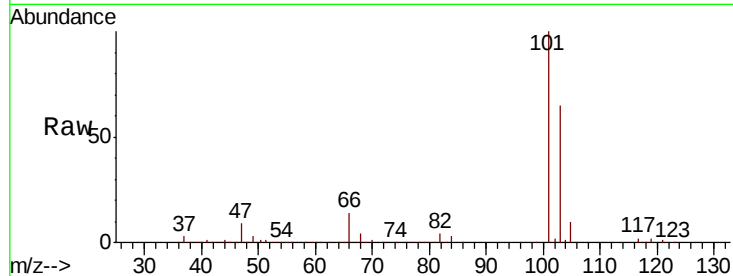


#7

Trichlorofluoromethane
 Concen: 51.028 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009926.D
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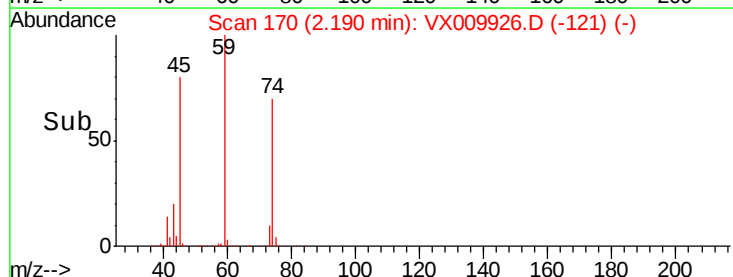
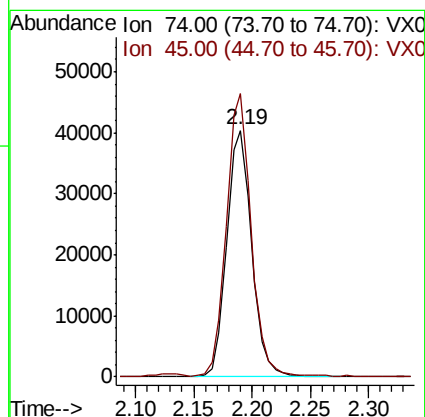
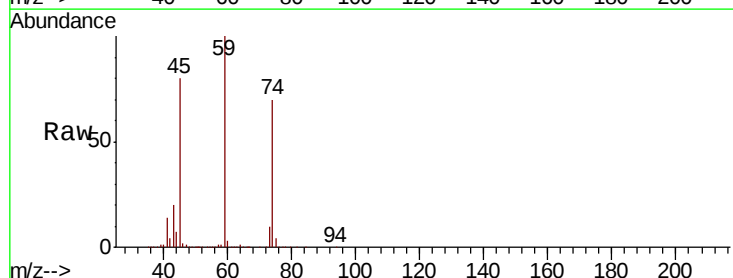
Tot Ion:101 Resp: 136066
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.4

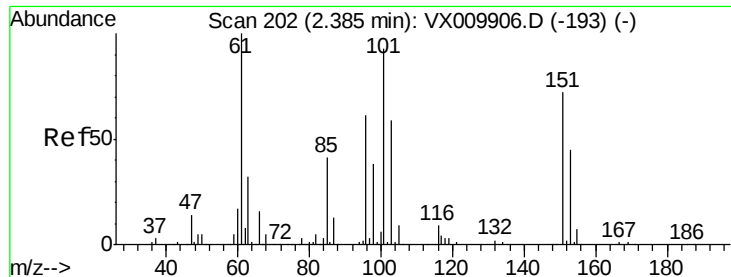


#8

Diethyl Ether
 Concen: 47.900 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion: 74 Resp: 60021
 Ion Ratio Lower Upper
 74 100
 45 113.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.256 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009926.D

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VSTDCCC050EC

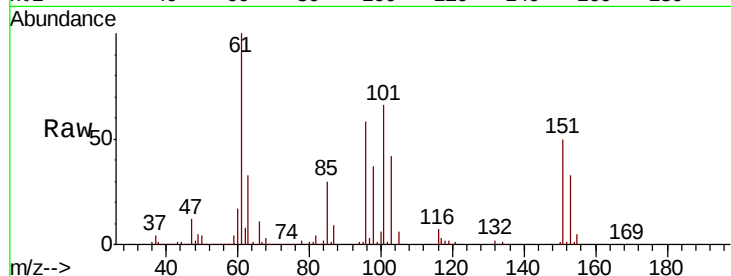
Tot Ion:101 Resp: 79295

Ion Ratio Lower Upper

101 100

85 44.7 35.2 52.8

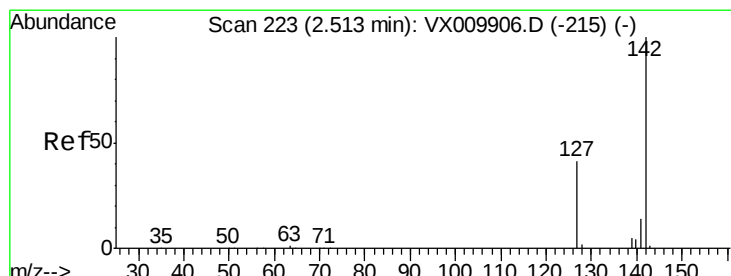
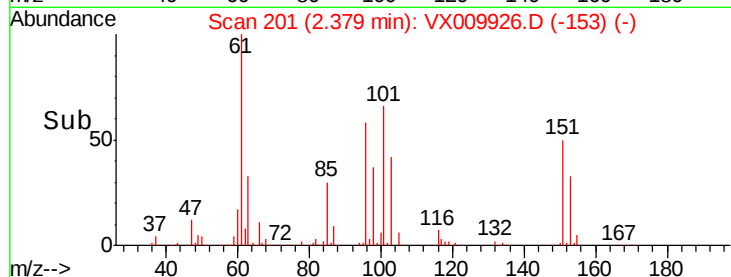
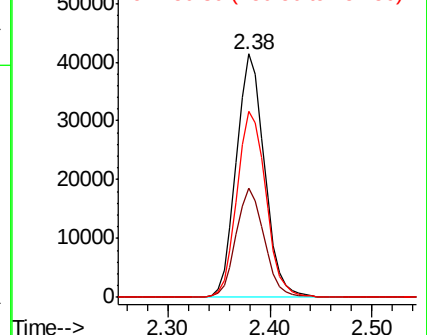
151 78.7 61.9 92.9



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: 49.861 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

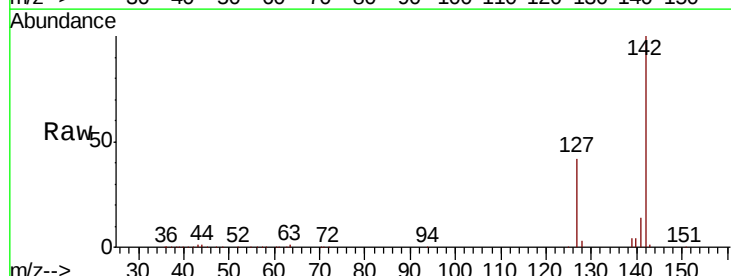
Tgt Ion:142 Resp: 99367

Ion Ratio Lower Upper

142 100

127 41.9 33.0 49.4

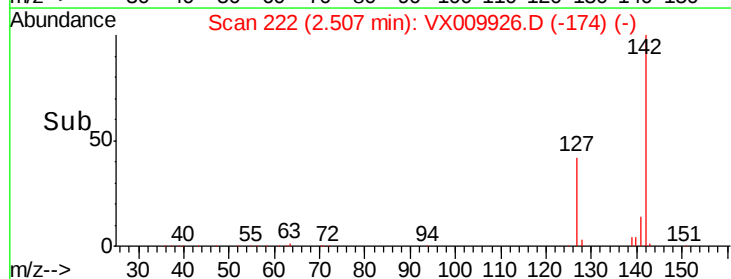
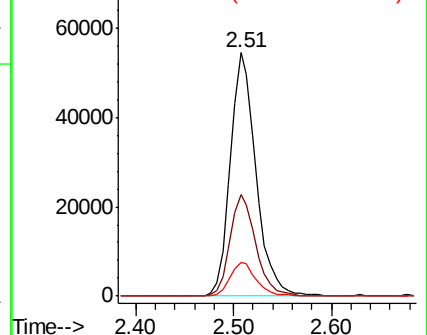
141 14.1 11.4 17.0

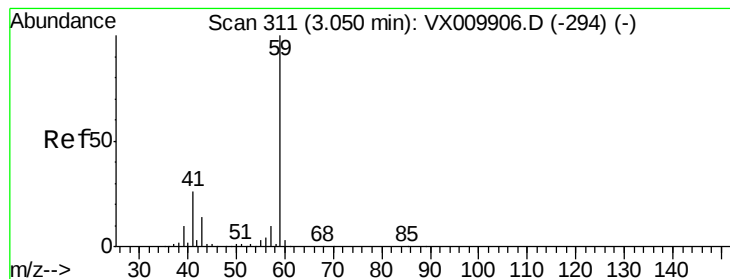


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



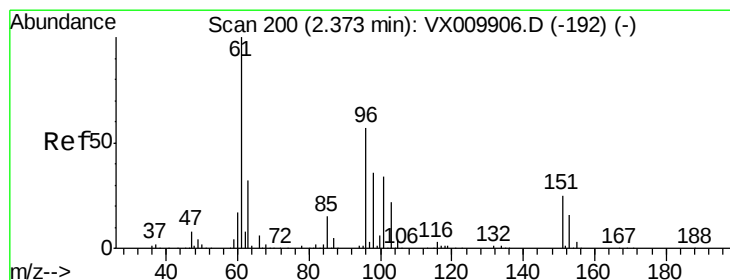
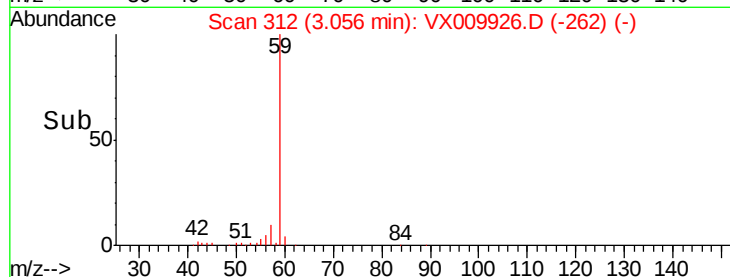
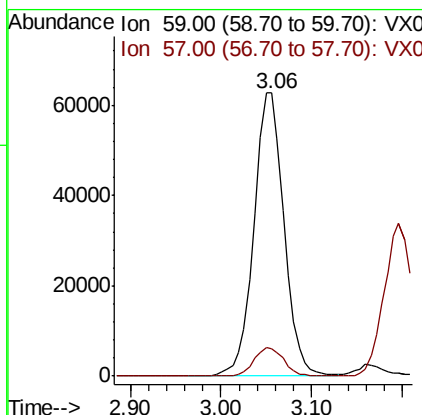
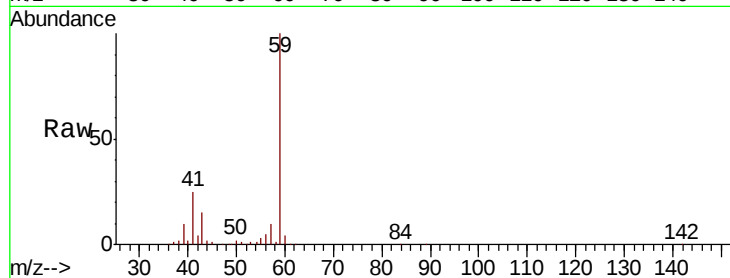


#11

Tert butyl alcohol
 Concen: 254.375 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

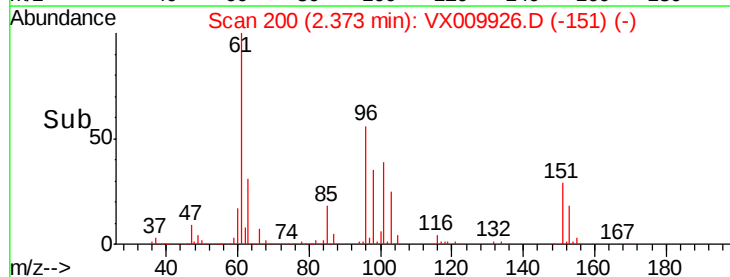
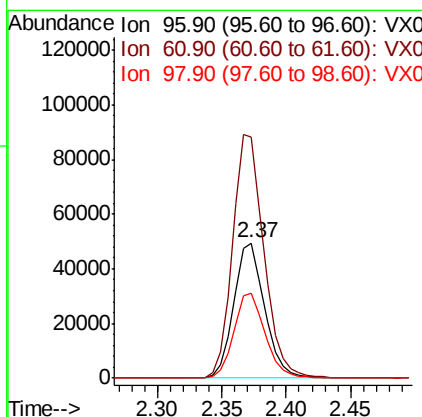
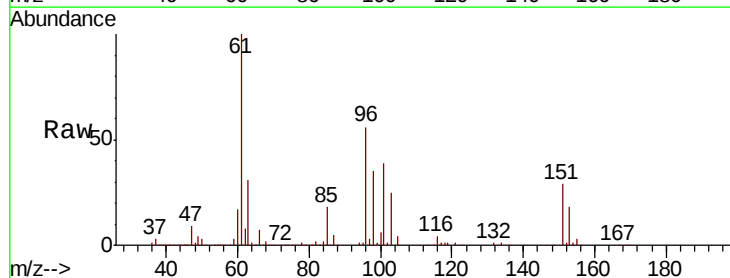
Tot Ion: 59 Resp: 144087
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

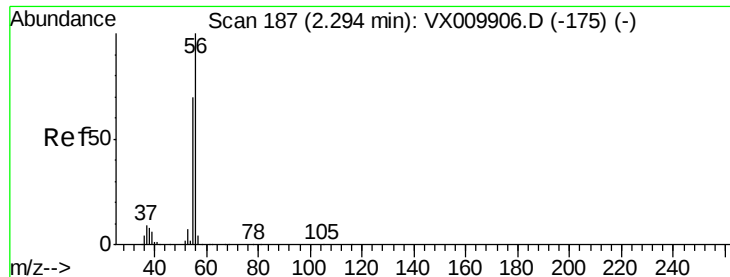


#12

1,1-Dichloroethene
 Concen: 49.911 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion: 96 Resp: 82359
 Ion Ratio Lower Upper
 96 100
 61 178.2 140.7 211.1
 98 63.2 50.1 75.1





#13

Acrolein

Concen: 218.964 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

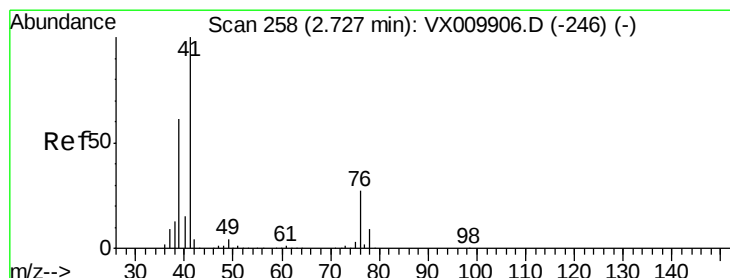
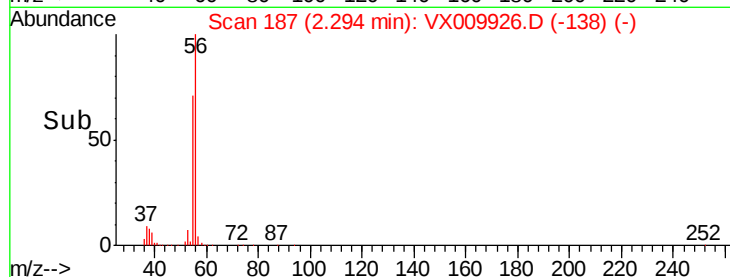
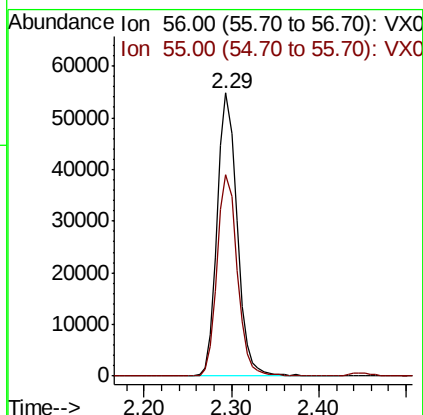
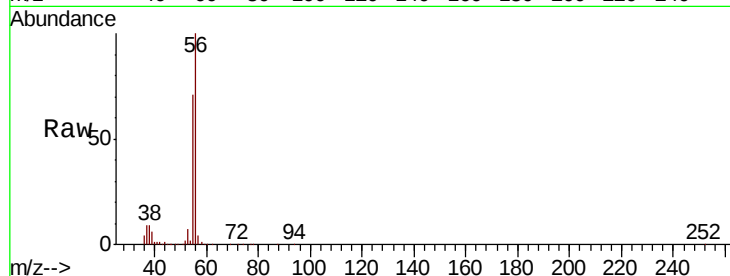
VSTDCCC050EC

Tot Ion: 56 Resp: 86767

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 50.700 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

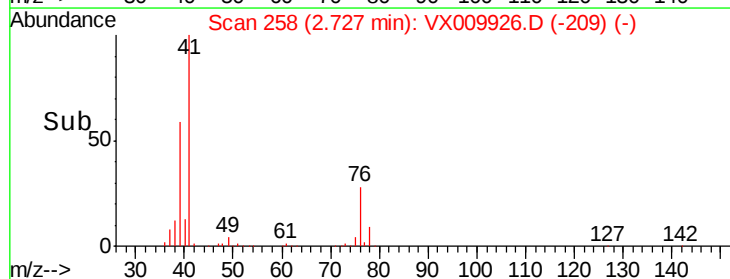
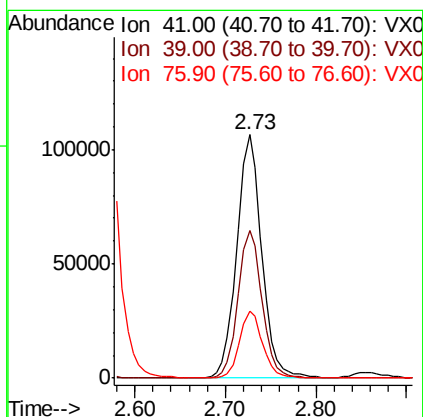
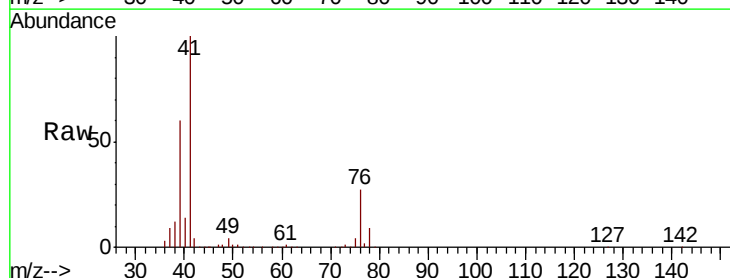
Tgt Ion: 41 Resp: 203341

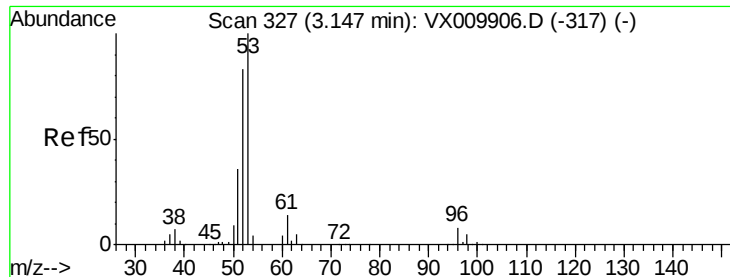
Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

76 25.8 21.0 31.4





#15

Acrylonitrile

Concen: 252.053 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

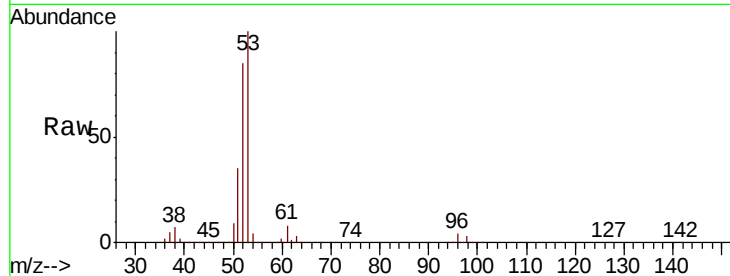
Tot Ion: 53 Resp: 344005

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

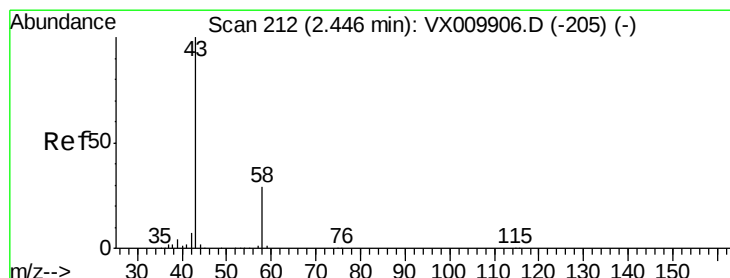
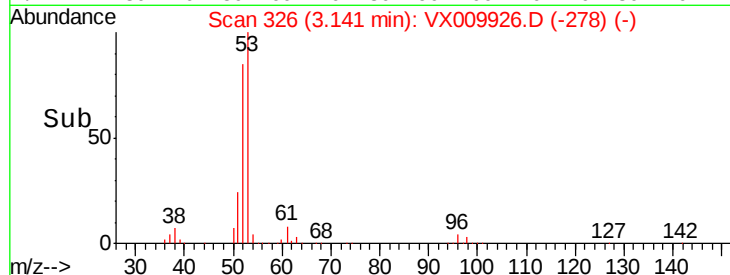
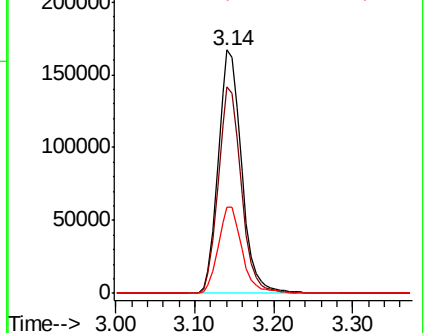
51 36.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.537 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009926.D

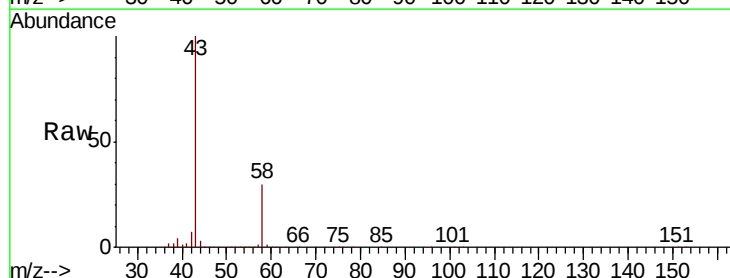
Acq: 28 May 2019 19:40

Tgt Ion: 43 Resp: 318547

Ion Ratio Lower Upper

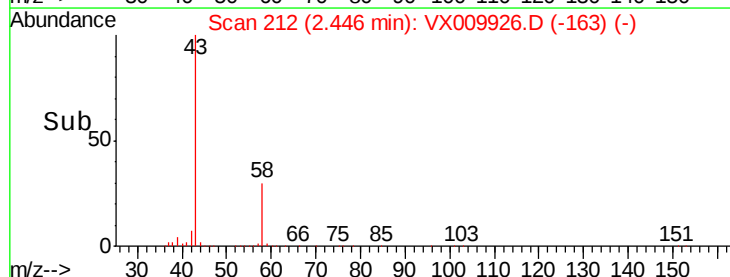
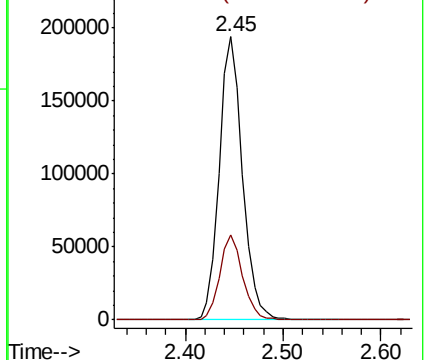
43 100

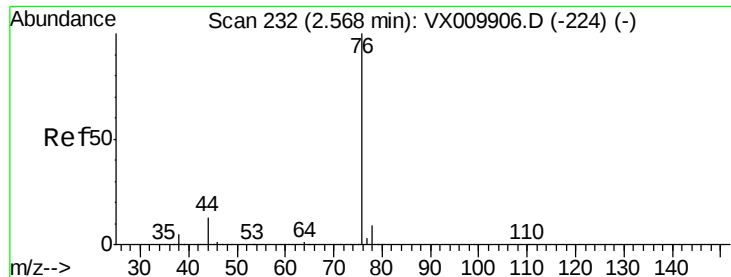
58 30.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

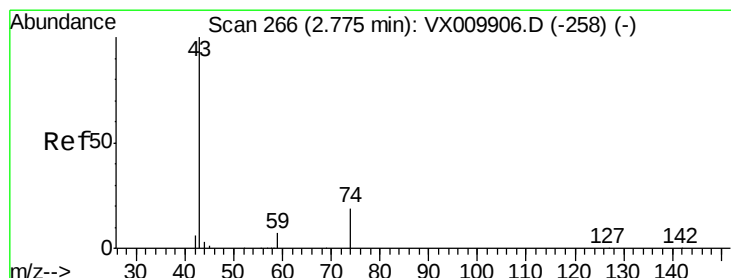
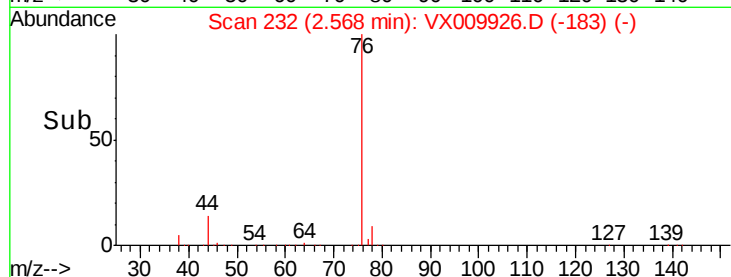
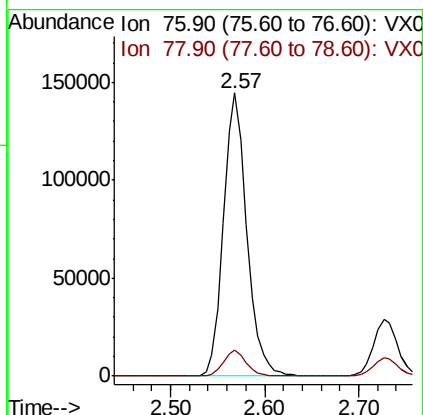
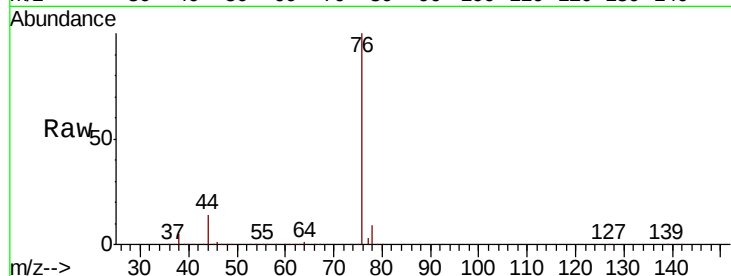




#17
Carbon Disulfide
Concen: 49.674 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

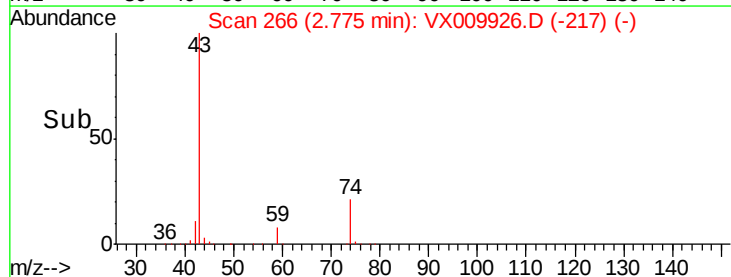
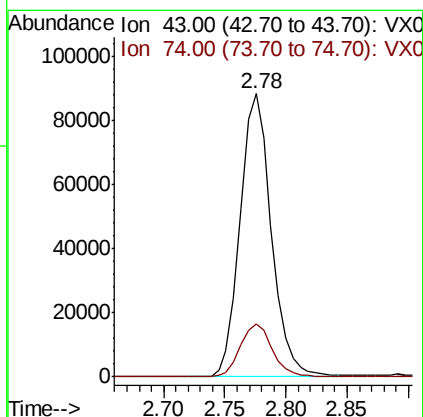
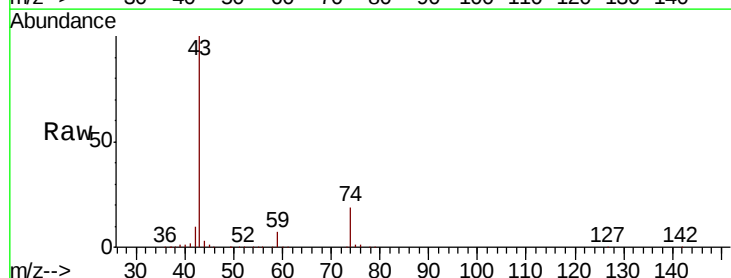
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

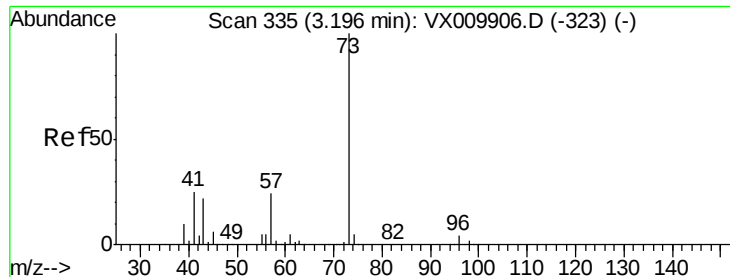
Tot Ion: 76 Resp: 248186
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 50.654 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 43 Resp: 156741
Ion Ratio Lower Upper
43 100
74 19.4 15.8 23.6

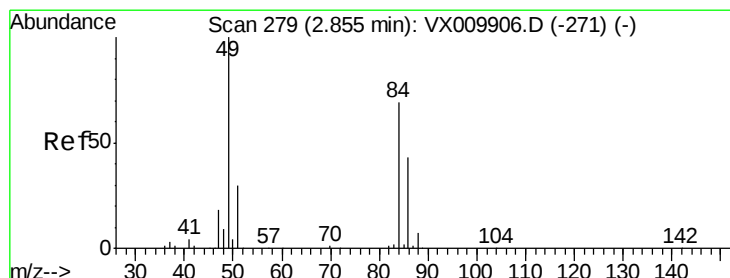
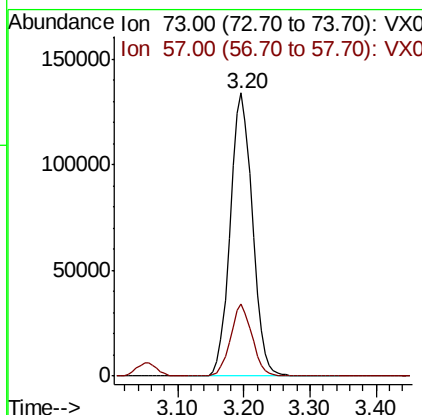
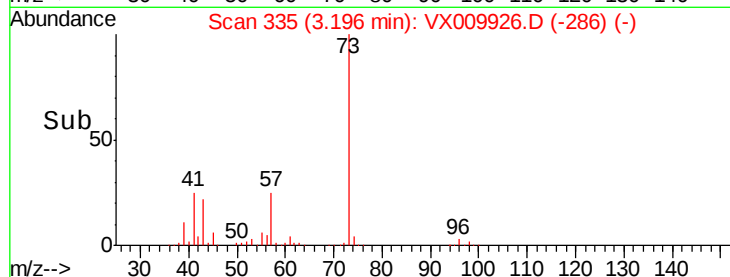
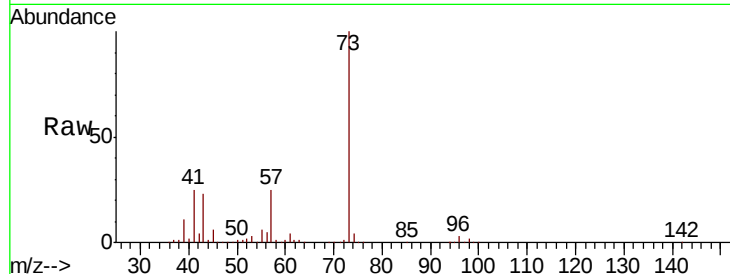




#19
Methvl tert-butvl Ether
Concen: 50.044 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

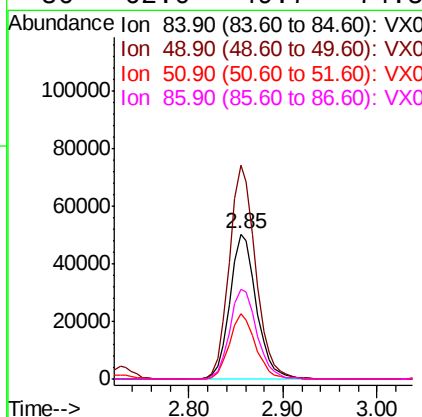
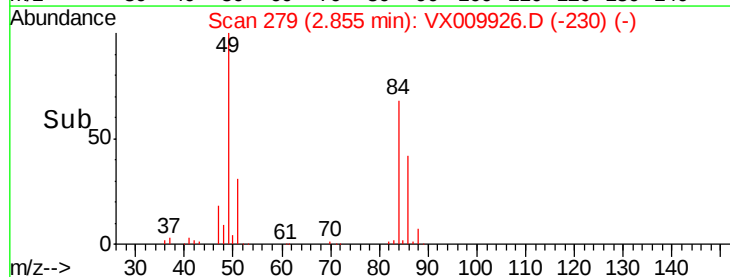
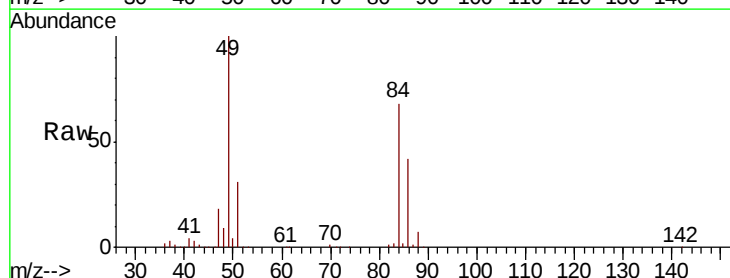
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

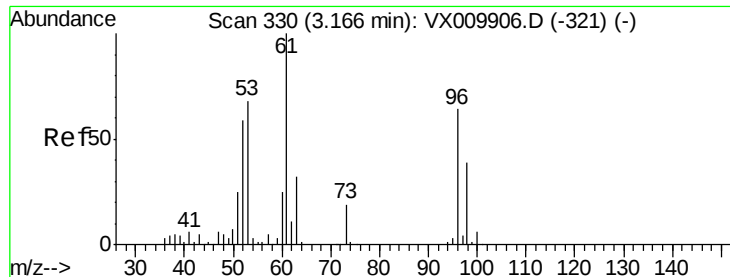
Tot Ion: 73 Resp: 311767
Ion Ratio Lower Upper
73 100
57 25.2 19.4 29.2



#20
Methylene Chloride
Concen: 48.354 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 84 Resp: 98472
Ion Ratio Lower Upper
84 100
49 147.5 115.8 173.6
51 45.1 34.4 51.6
86 62.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.790 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

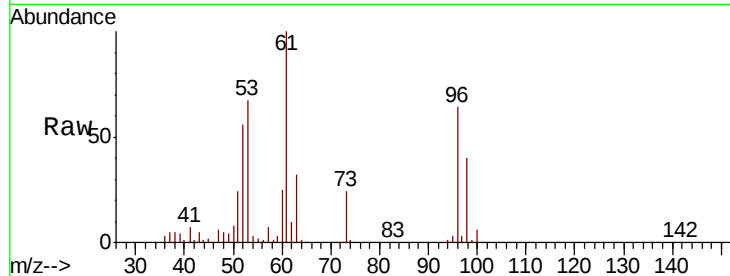
Tot Ion: 96 Resp: 87745

Ion Ratio Lower Upper

96 100

61 156.8 125.7 188.5

98 63.2 49.0 73.6

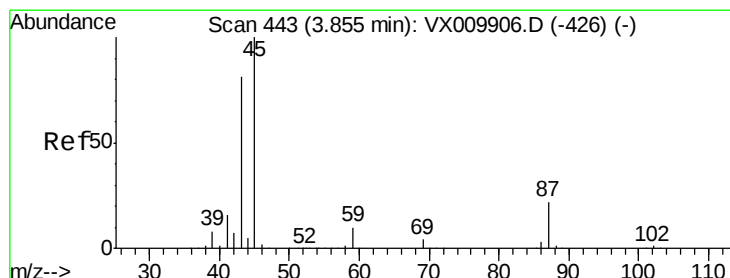
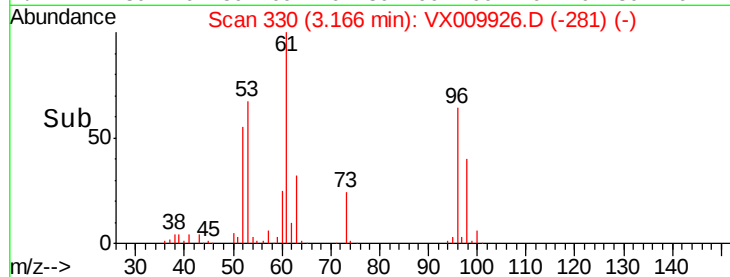
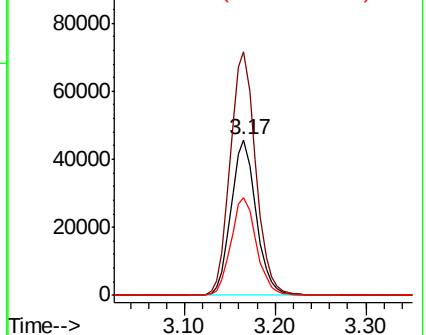


Abundance

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: 51.108 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Tgt Ion: 45 Resp: 390010

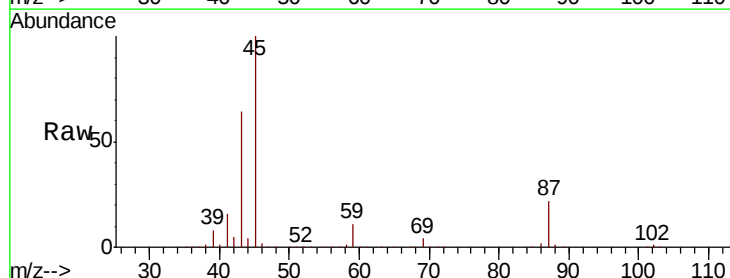
Ion Ratio Lower Upper

45 100

43 63.9 65.0 97.4#

87 22.0 17.3 25.9

59 10.7 8.1 12.1



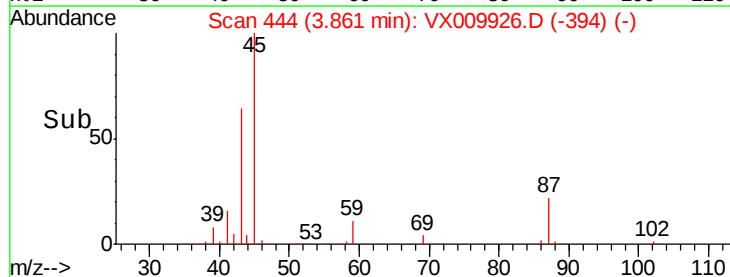
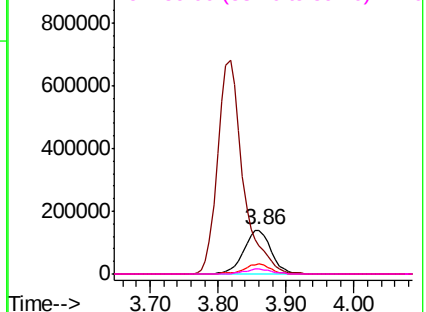
Abundance

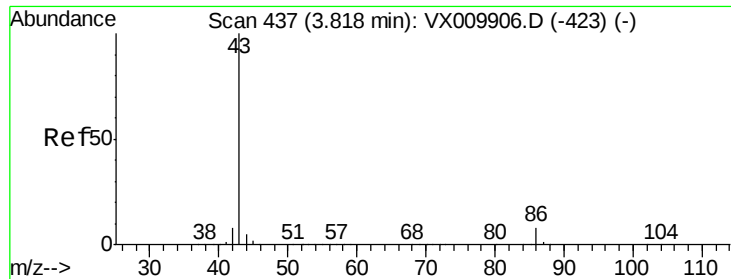
Ion 45.00 (44.70 to 45.70): VX0

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: 257.302 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

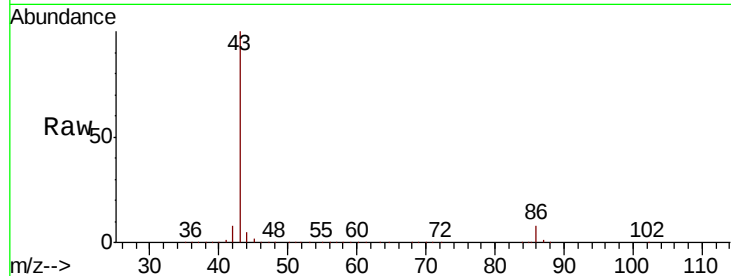
VSTDCCC050EC

Tot Ion: 43 Resp: 1763888

Ion Ratio Lower Upper

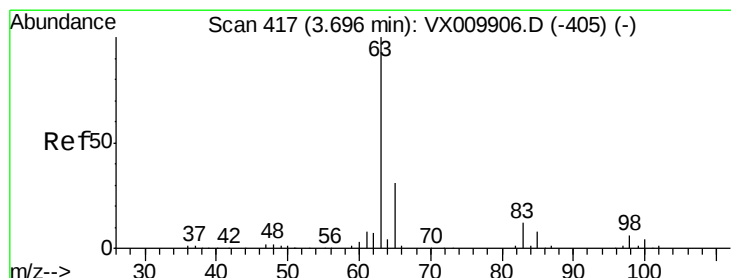
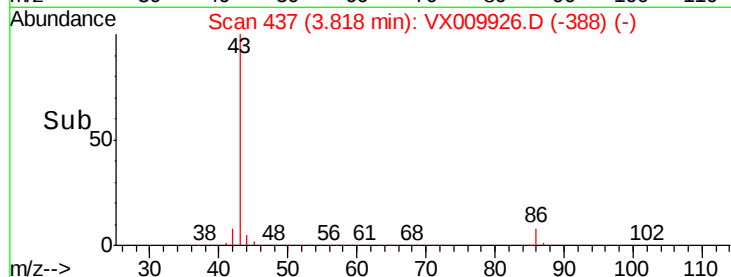
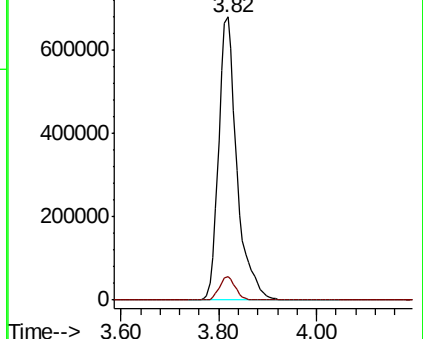
43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.920 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

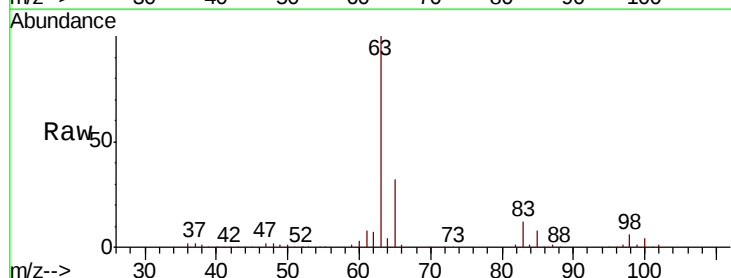
Tgt Ion: 63 Resp: 184612

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

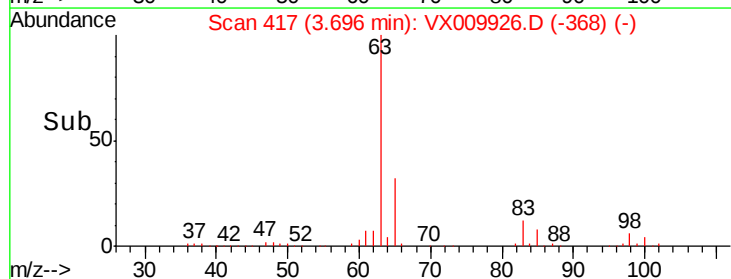
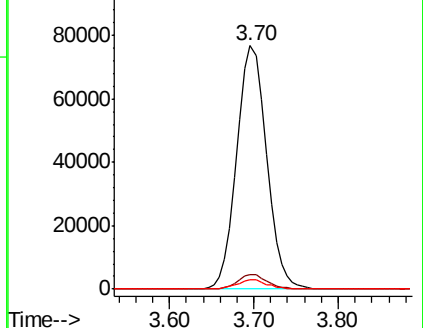
100 4.0 1.8 5.4

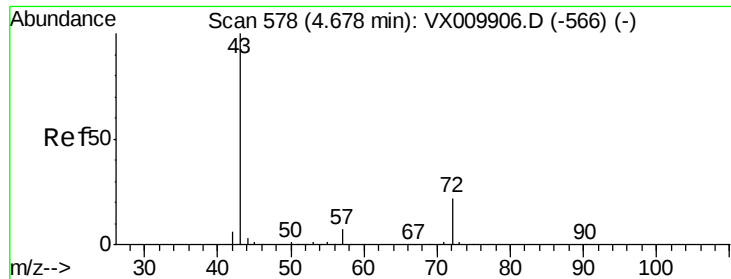


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 252.833 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

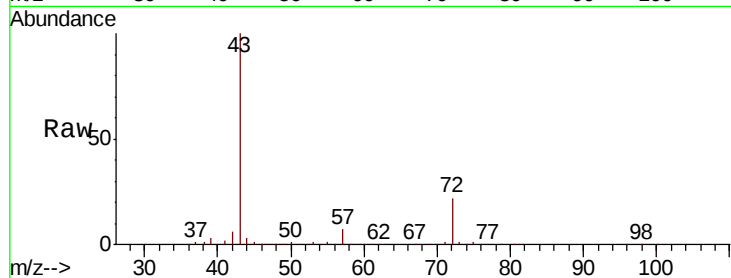
VSTDCCC050EC

Tot Ion: 43 Resp: 523839

Ion Ratio Lower Upper

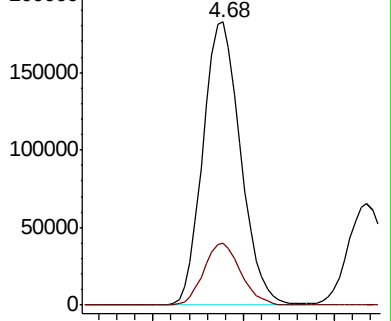
43 100

72 21.9 17.5 26.3

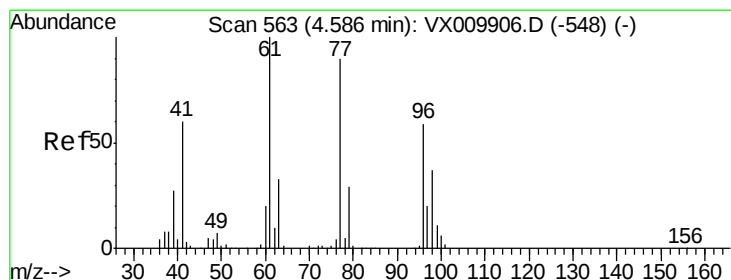
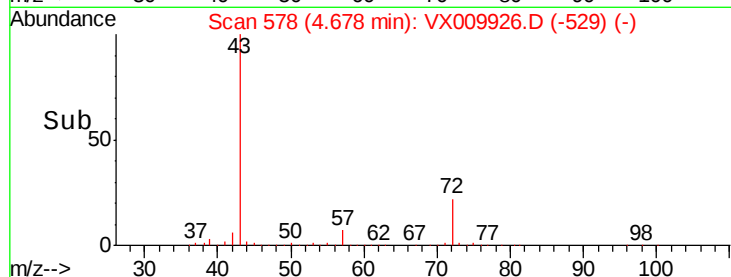


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 45.497 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009926.D

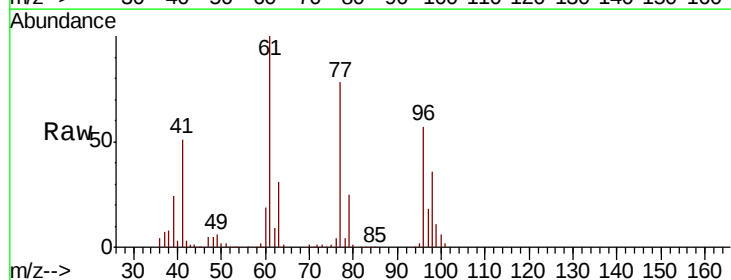
Acq: 28 May 2019 19:40

Tgt Ion: 77 Resp: 127278

Ion Ratio Lower Upper

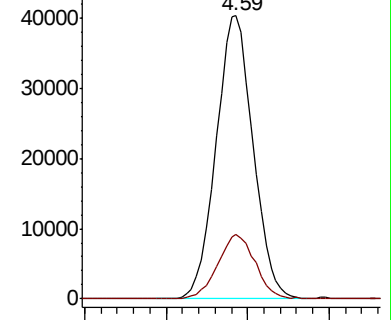
77 100

97 22.9 11.4 34.2

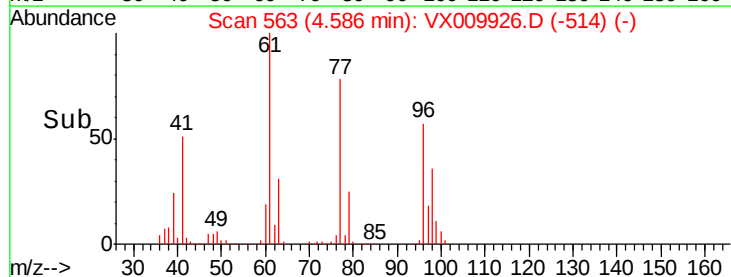


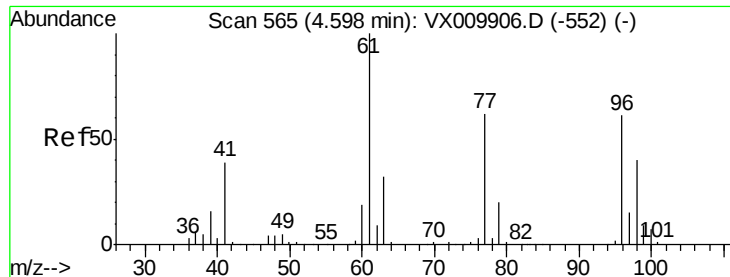
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



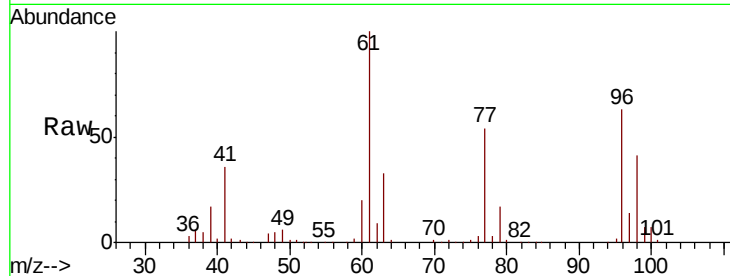


#27

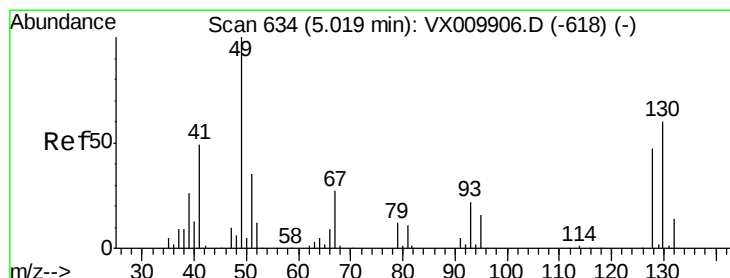
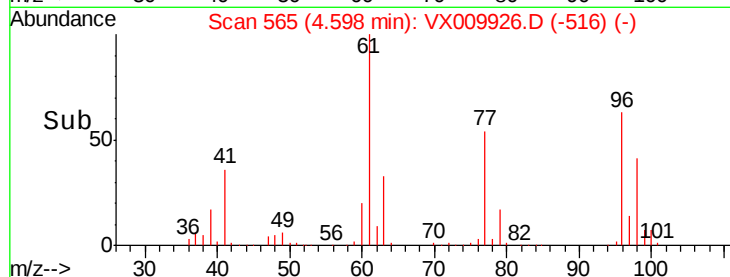
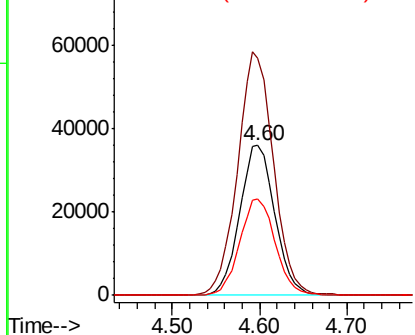
cis-1,2-Dichloroethene
Concen: 47.733 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 101166
Ion Ratio Lower Upper
96 100
61 165.5 0.0 334.0
98 64.7 0.0 131.6



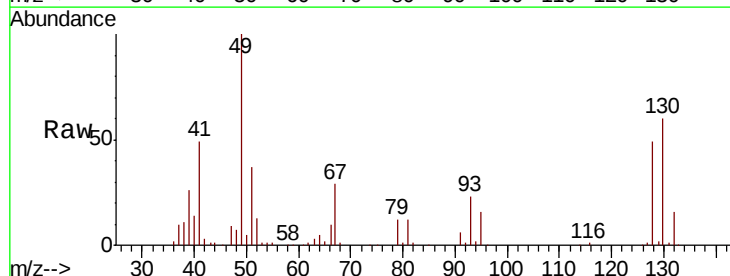
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



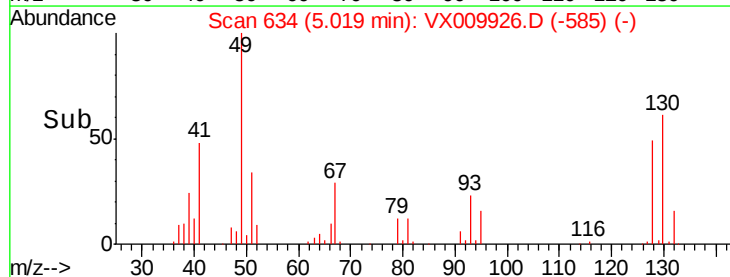
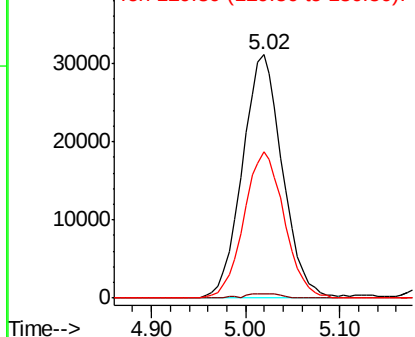
#28

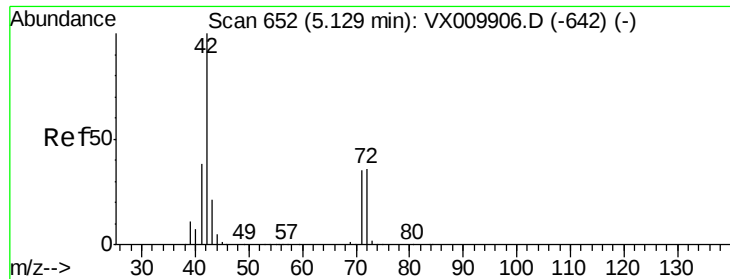
Bromochloromethane
Concen: 48.214 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 49 Resp: 92527
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 60.4 49.4 74.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

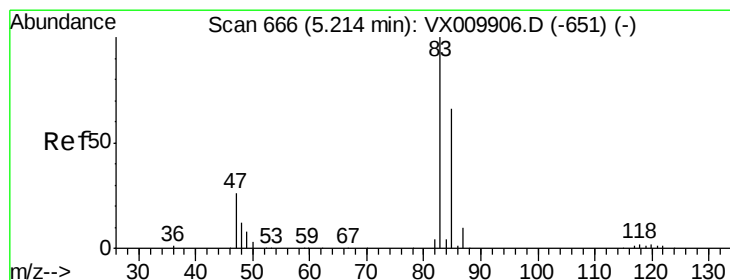
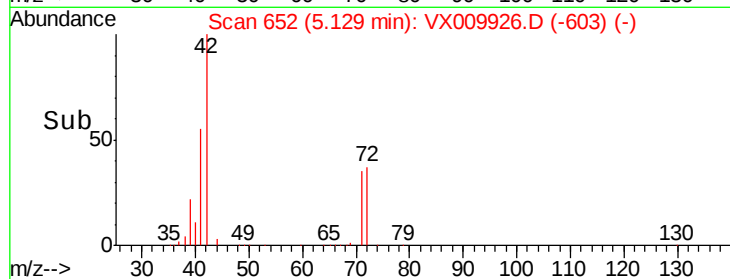
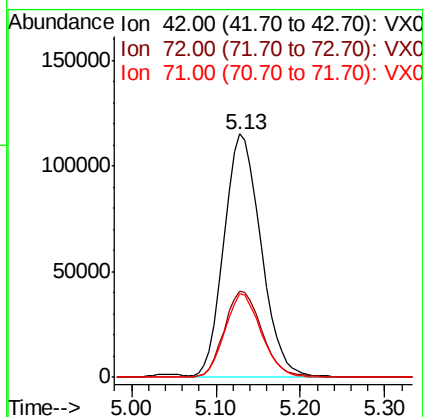
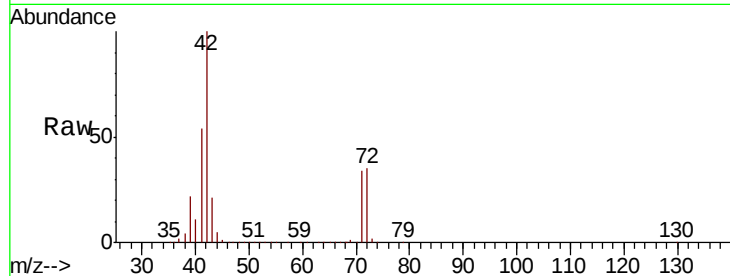




#29
Tetrahydrofuran
Concen: 258.935 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

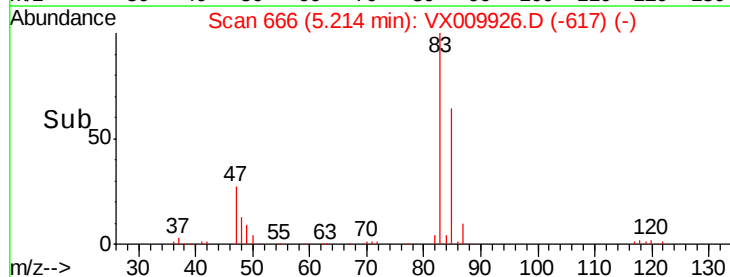
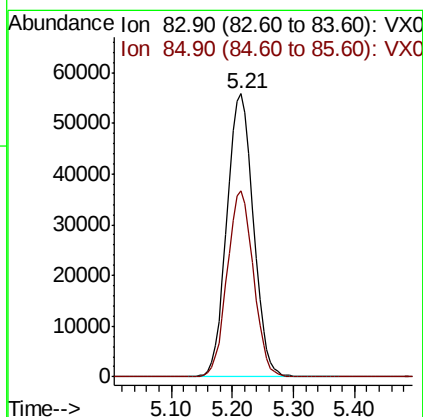
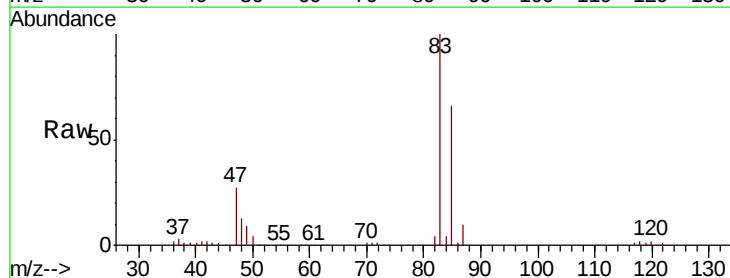
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

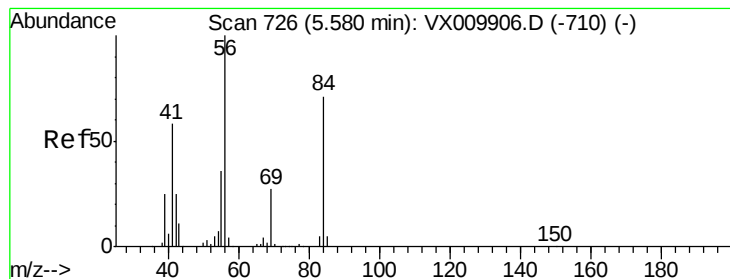
Tot Ion: 42 Resp: 344024
Ion Ratio Lower Upper
42 100
72 36.4 29.2 43.8
71 34.0 27.6 41.4



#30
Chloroform
Concen: 49.921 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 83 Resp: 166496
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8





#31

Cyclohexane

Concen: 52.099 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

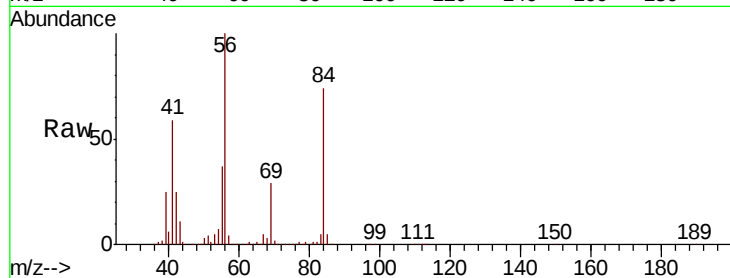
Tot Ion: 56 Resp: 182484

Ion Ratio Lower Upper

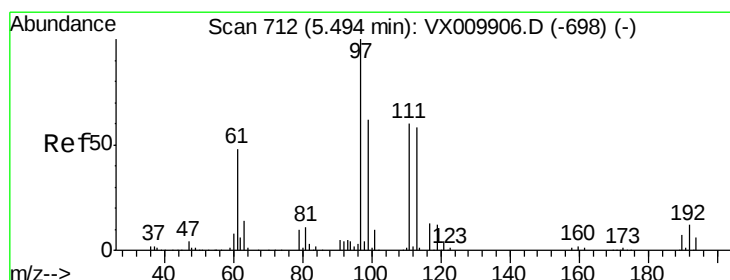
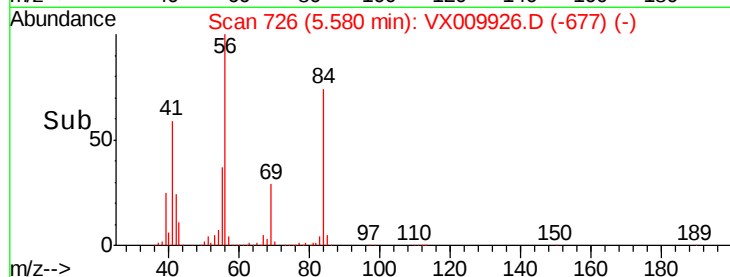
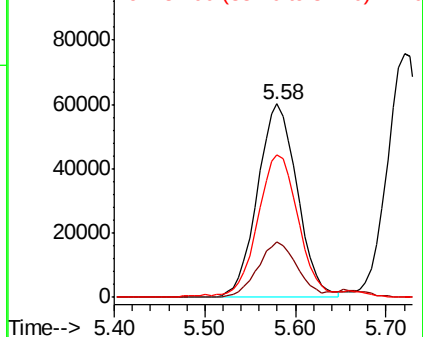
56 100

69 28.7 21.6 32.4

84 72.6 56.8 85.2



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



#32

1,1,1-Trichloroethane

Concen: 51.027 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

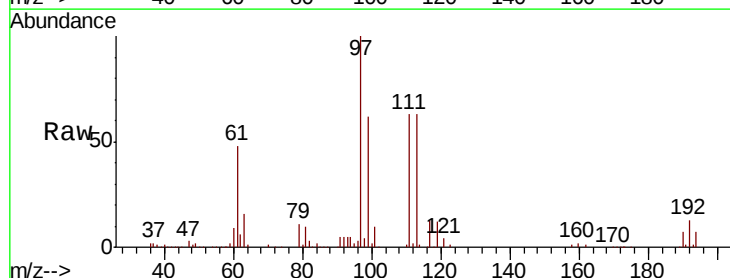
Tgt Ion: 97 Resp: 138598

Ion Ratio Lower Upper

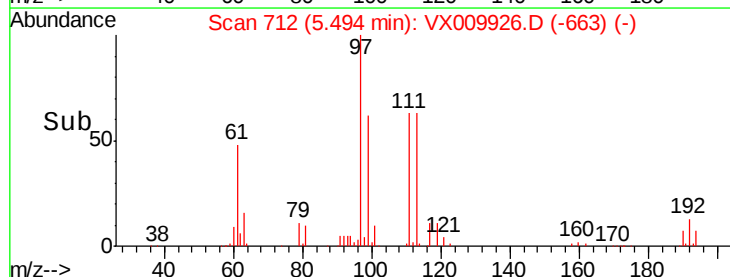
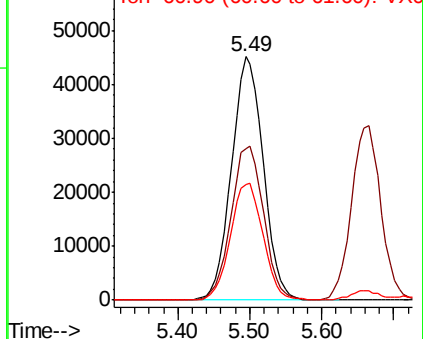
97 100

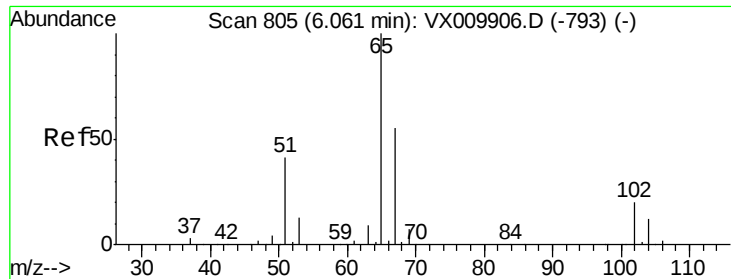
99 64.8 51.0 76.4

61 49.4 38.7 58.1



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: 49.781 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

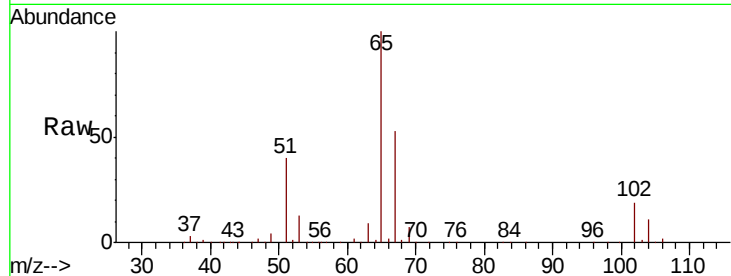
VSTDCCC050EC

Tot Ion: 65 Resp: 114578

Ion Ratio Lower Upper

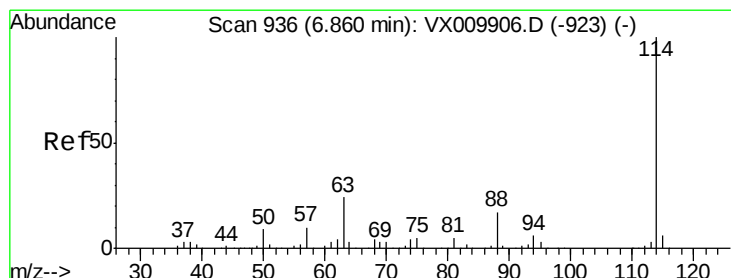
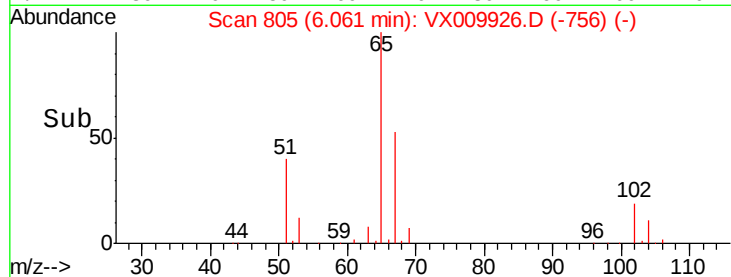
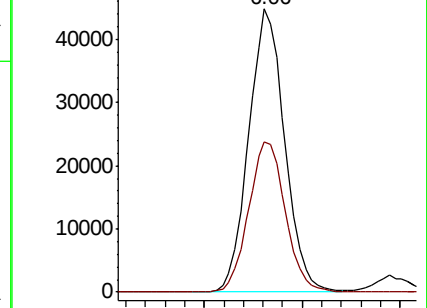
65 100

67 54.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

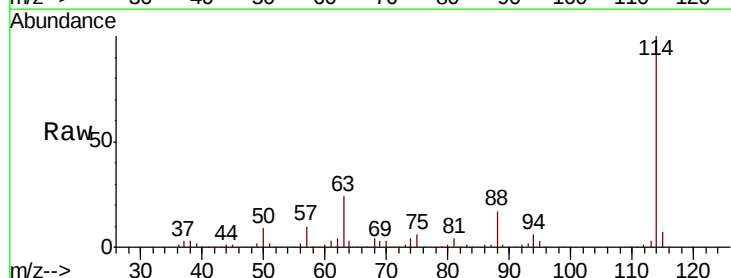
Tgt Ion: 114 Resp: 264998

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

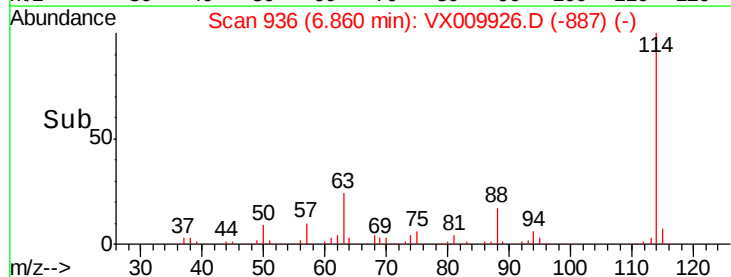
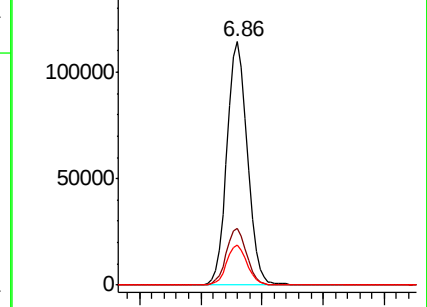
88 16.6 0.0 33.0

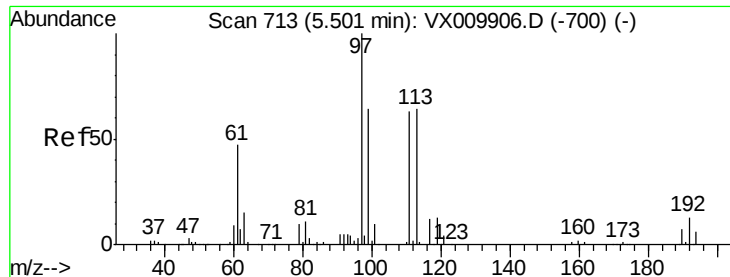


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.143 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

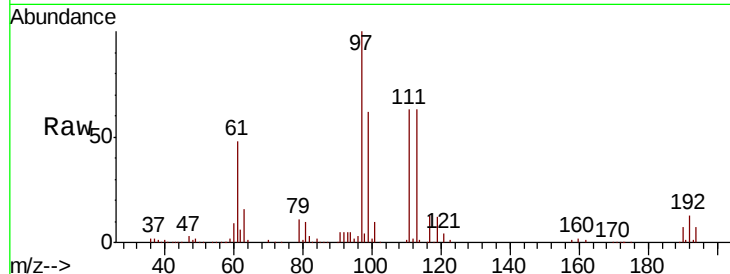
Tot Ion:113 Resp: 81875

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

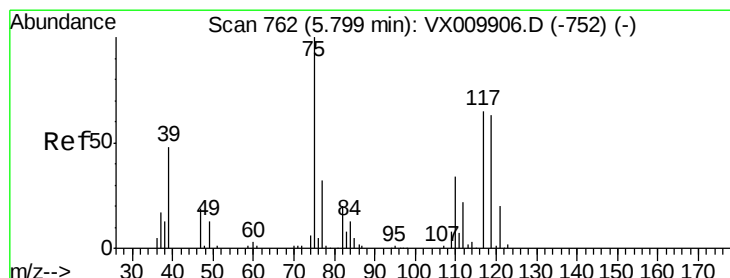
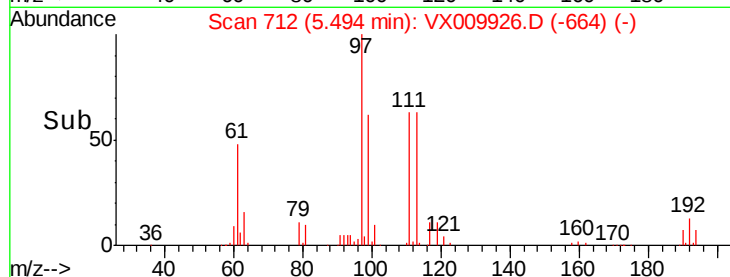
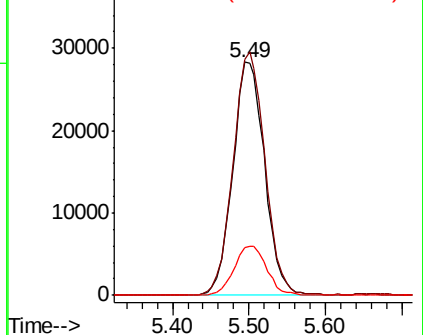
192 21.6 17.1 25.7



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: 47.985 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

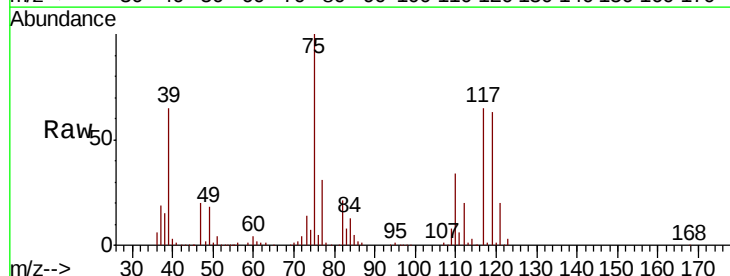
Tgt Ion: 75 Resp: 129019

Ion Ratio Lower Upper

75 100

110 33.7 16.7 50.1

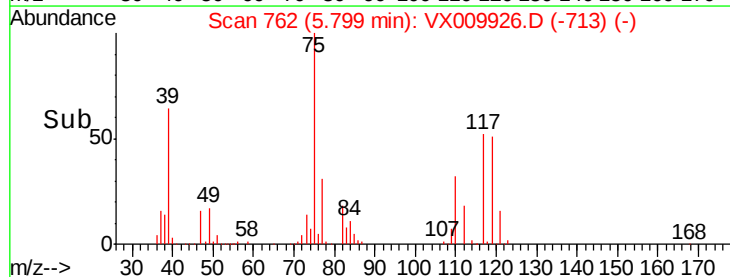
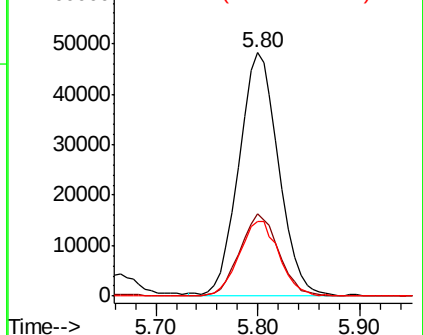
77 31.5 25.0 37.4

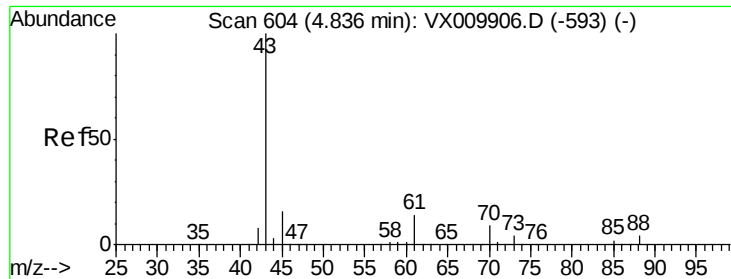


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

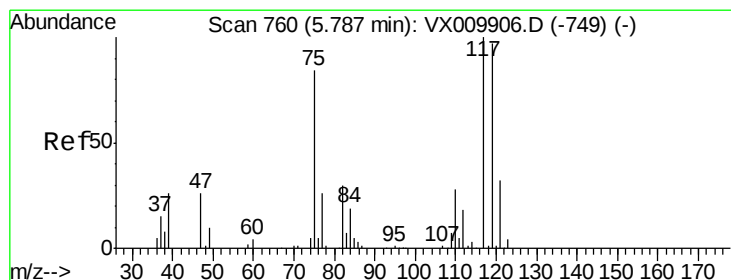
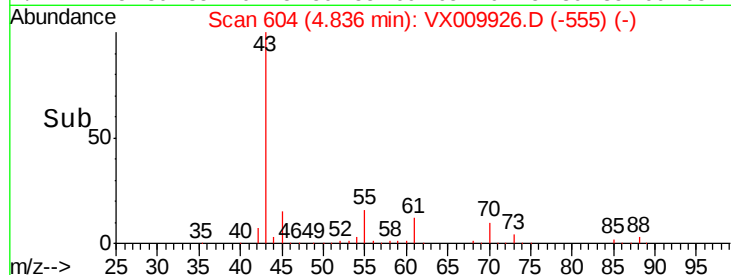
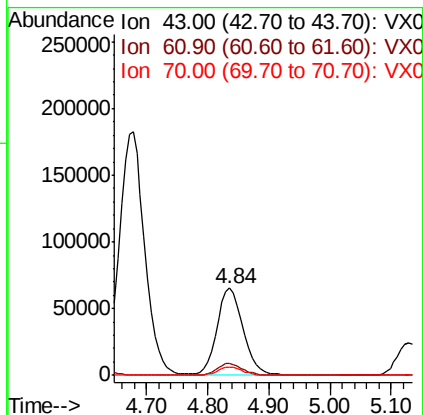
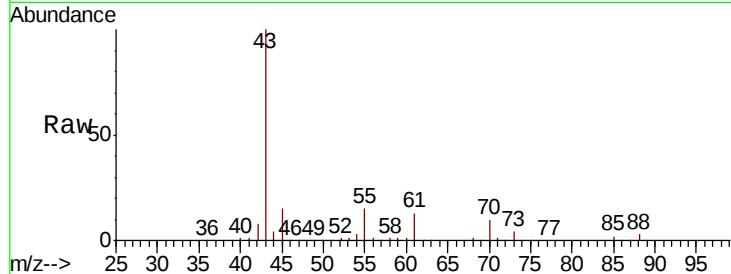




#37
Ethyl Acetate
Concen: 51.800 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

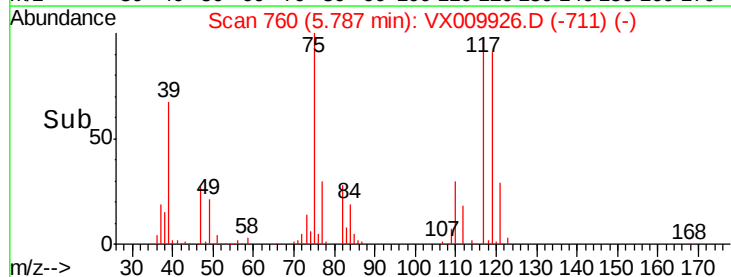
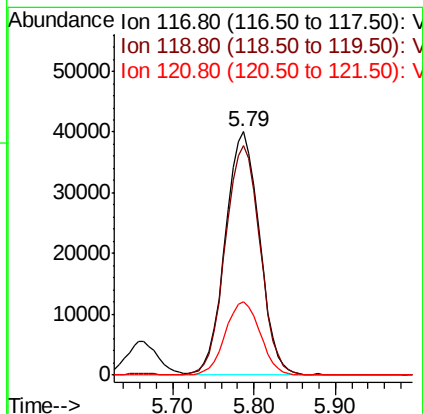
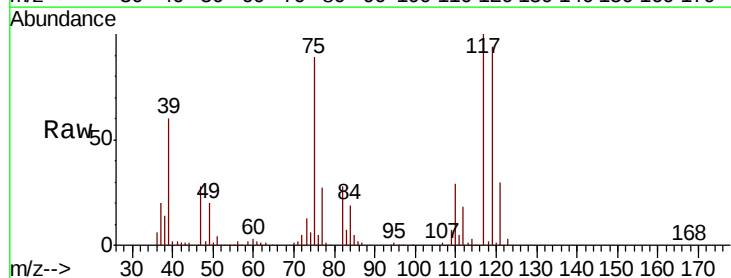
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

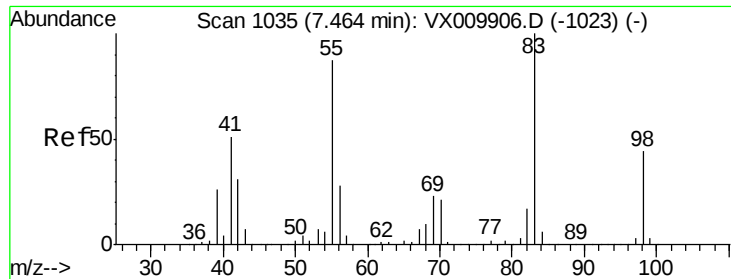
Tot Ion: 43 Resp: 194064
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 50.148 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 117 Resp: 116515
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 30.1 25.4 38.0

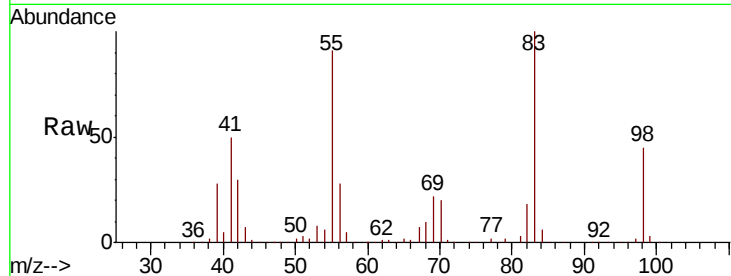




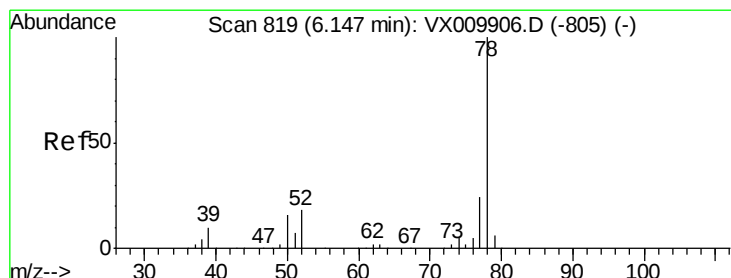
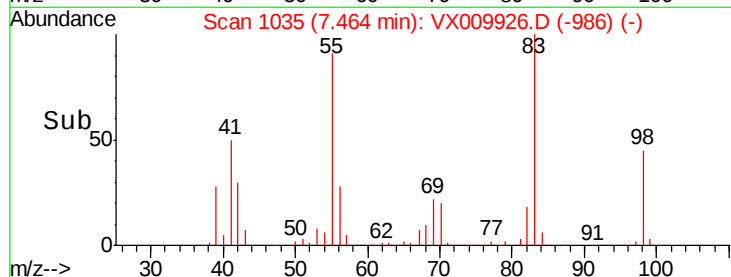
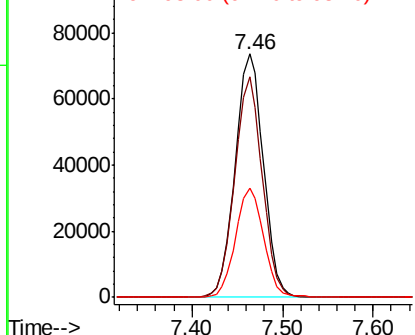
#39
Methvlcvclohexane
Concen: 49.860 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 159019
Ion Ratio Lower Upper
83 100
55 90.5 69.9 104.9
98 45.0 35.1 52.7

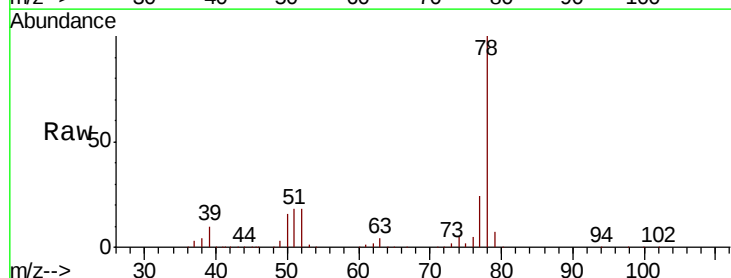


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

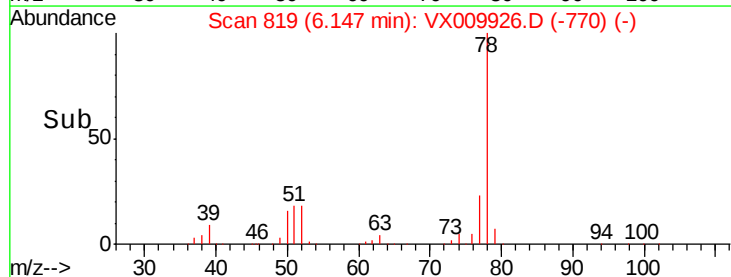
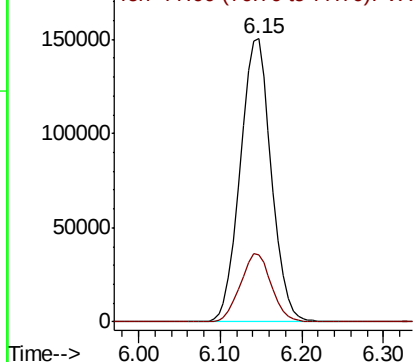


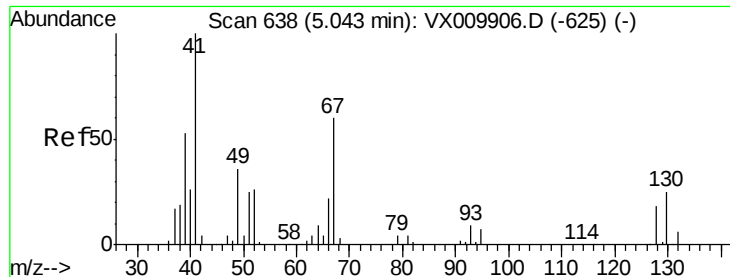
#40
Benzene
Concen: 49.856 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 78 Resp: 397645
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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





#41

Methacrylonitrile

Concen: 50.040 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 109545

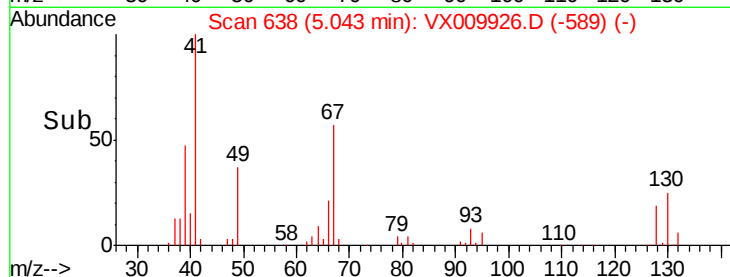
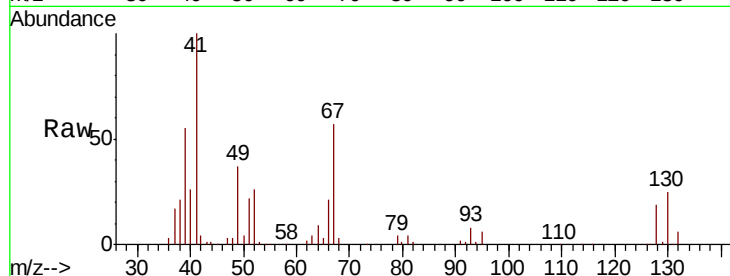
Ion Ratio Lower Upper

41 100

39 52.6 42.2 63.4

67 60.6 48.9 73.3

52 26.5 20.1 30.1

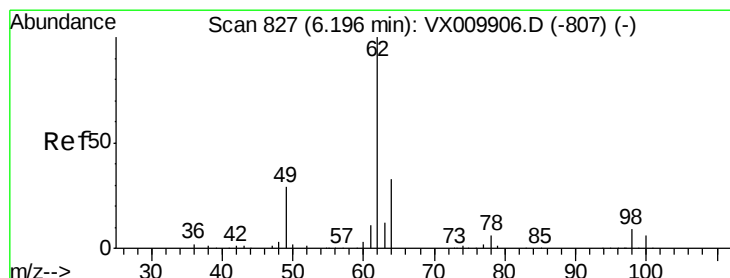
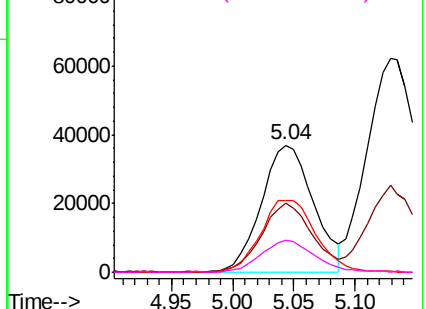


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.776 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009926.D

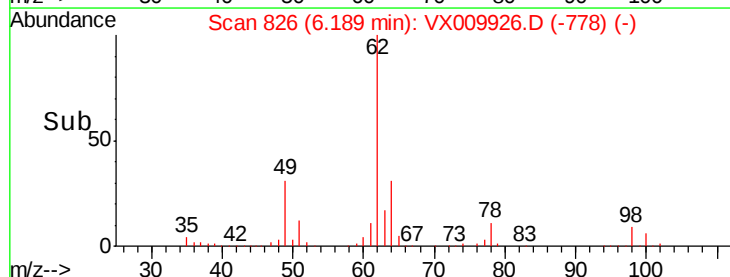
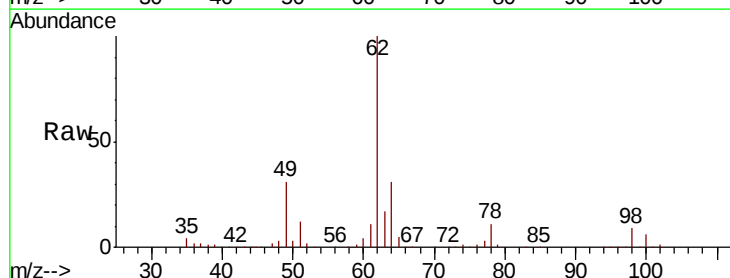
Acq: 28 May 2019 19:40

Tgt Ion: 62 Resp: 143823

Ion Ratio Lower Upper

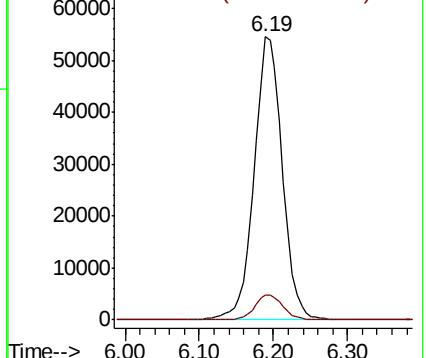
62 100

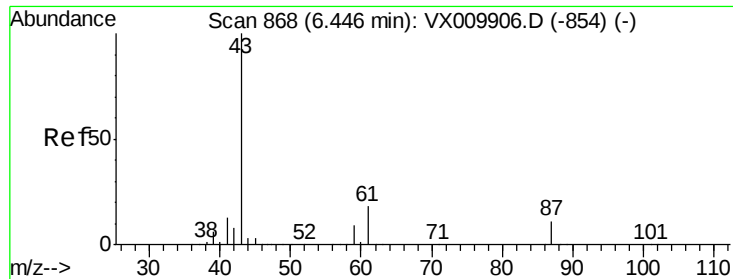
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



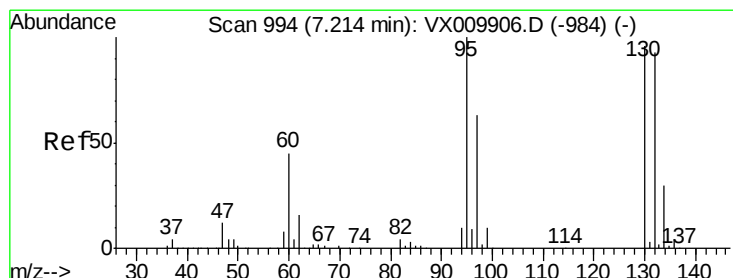
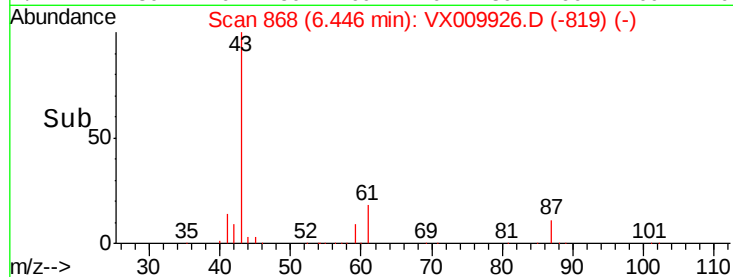
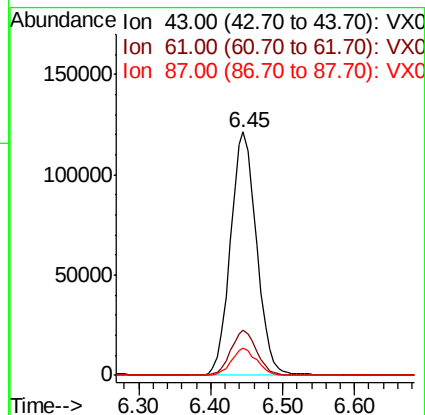
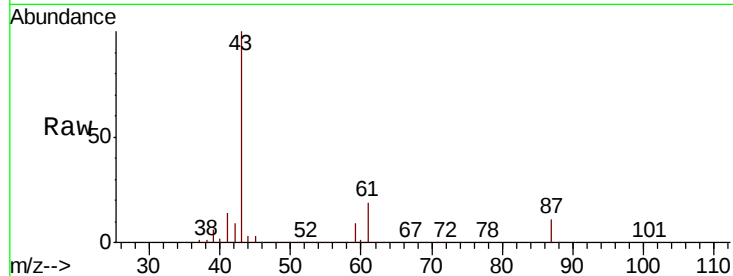


#43

Isopropyl Acetate
 Concen: 50.260 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

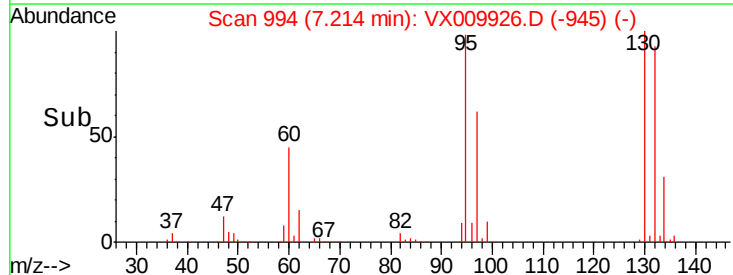
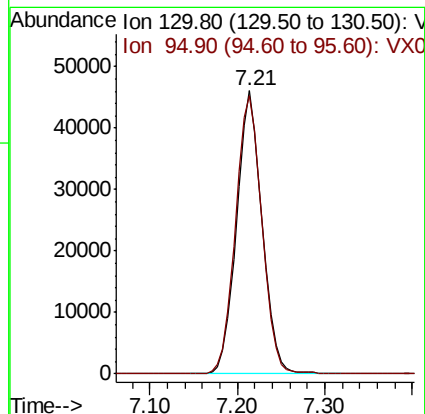
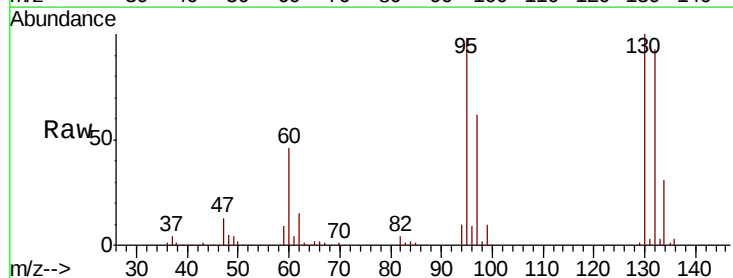
Tot Ion: 43 Resp: 303820
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.6 21.8
 87 10.8 8.7 13.1

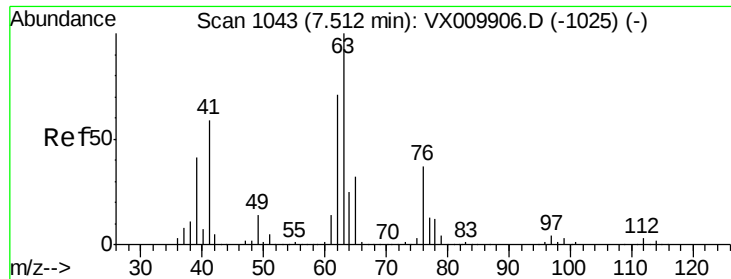


#44

Trichloroethene
 Concen: 48.284 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion:130 Resp: 93545
 Ion Ratio Lower Upper
 130 100
 95 98.5 0.0 207.4





#45

1,2-Dichloropropane

Concen: 49.671 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

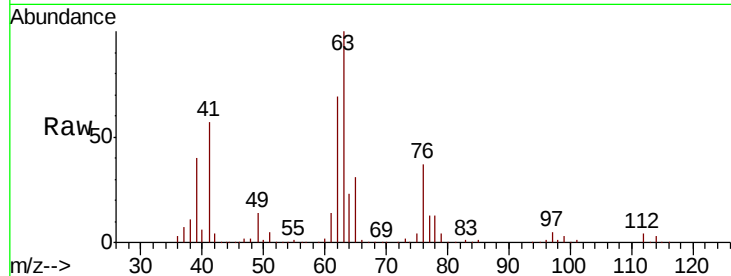
VSTDCCC050EC

Tot Ion: 63 Resp: 114045

Ion Ratio Lower Upper

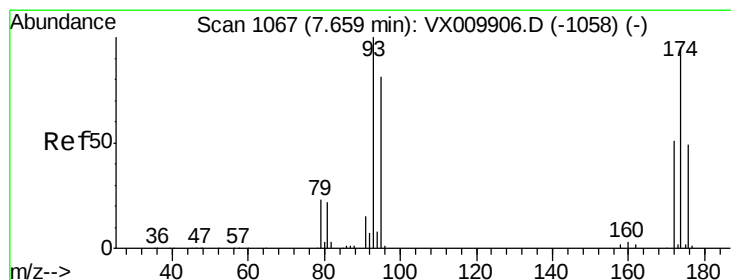
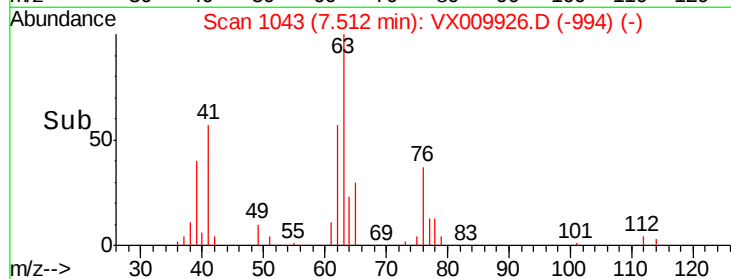
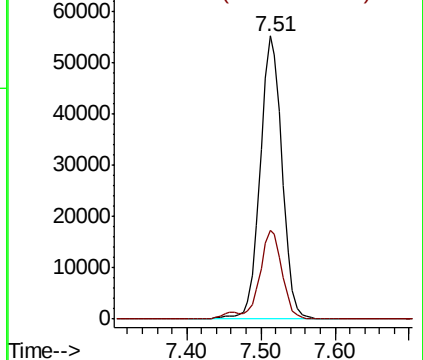
63 100

65 31.4 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.373 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

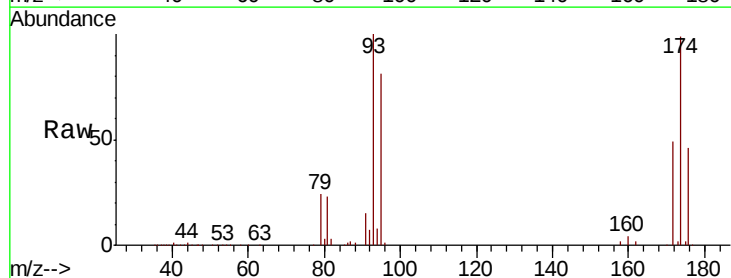
Tgt Ion: 93 Resp: 64024

Ion Ratio Lower Upper

93 100

95 82.5 66.8 100.2

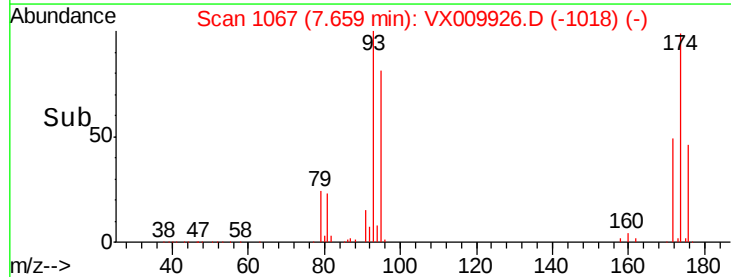
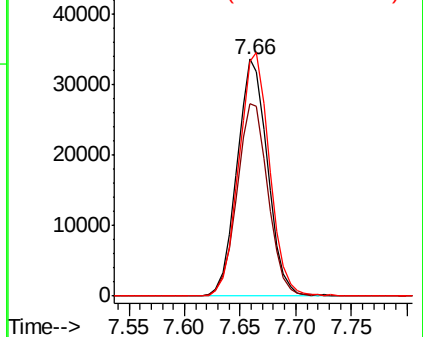
174 103.5 81.9 122.9

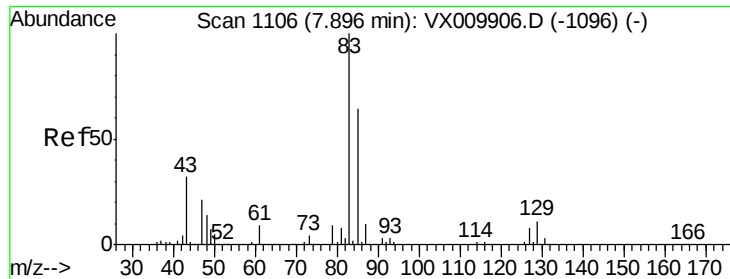


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.596 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

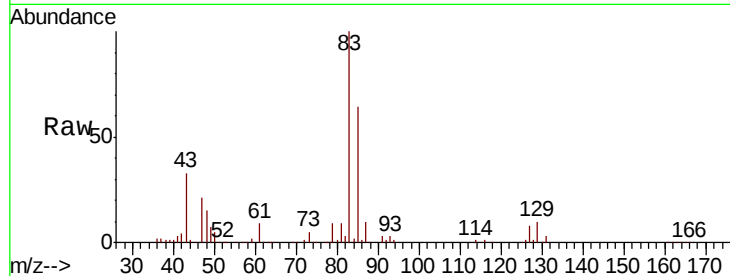
Tot Ion: 83 Resp: 130032

Ion Ratio Lower Upper

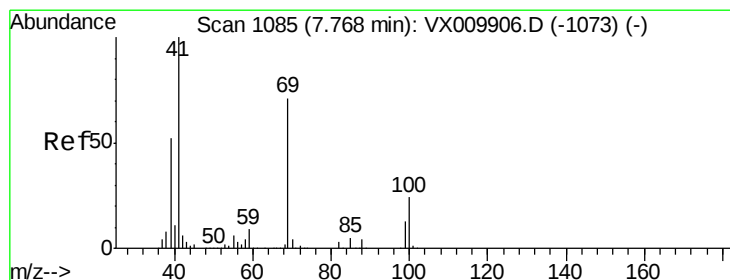
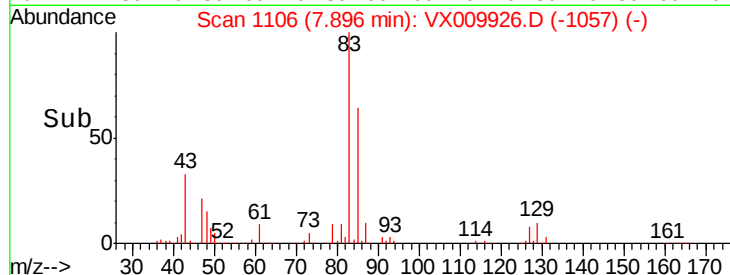
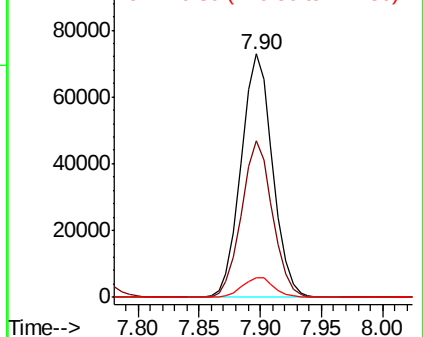
83 100

85 64.1 51.4 77.2

127 8.0 6.4 9.6



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: 51.773 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

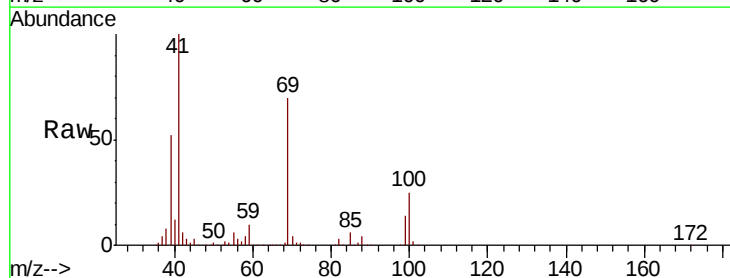
Tgt Ion: 41 Resp: 154930

Ion Ratio Lower Upper

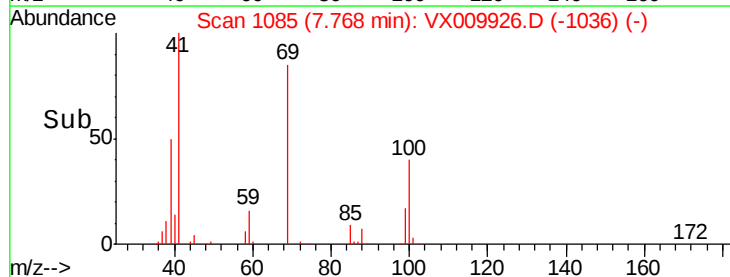
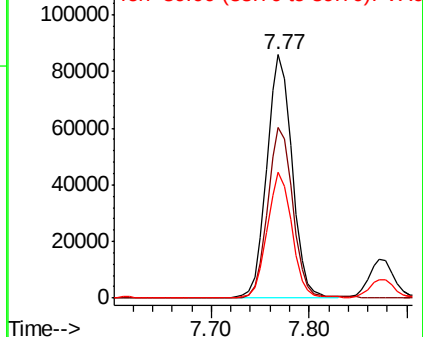
41 100

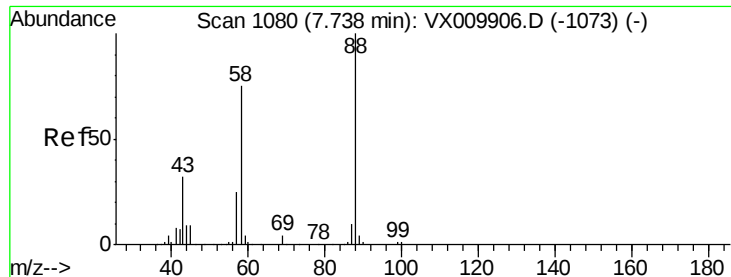
69 69.9 56.4 84.6

39 50.2 40.6 60.8



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

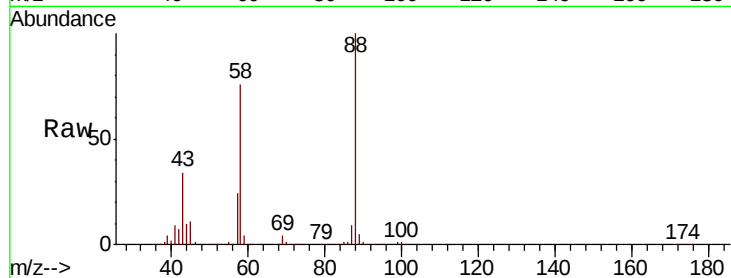




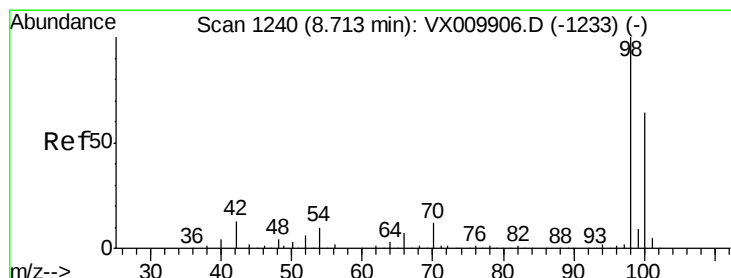
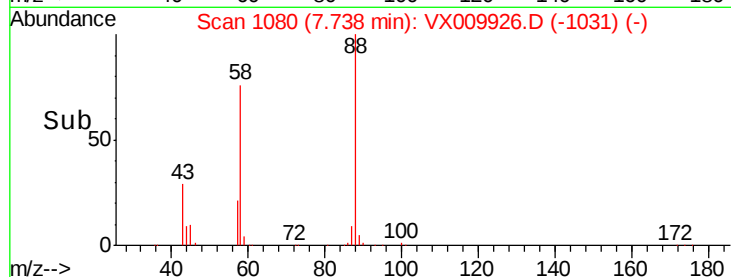
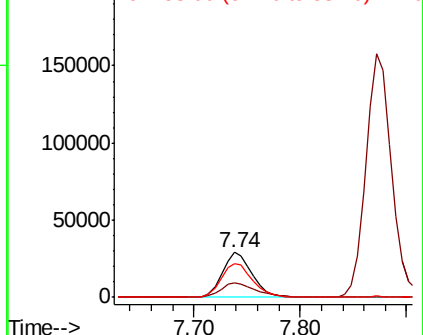
#49
1,4-Dioxane
Concen: 1016.876 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 56602
Ion Ratio Lower Upper
88 100
43 37.4 30.2 45.4
58 80.3 64.0 96.0

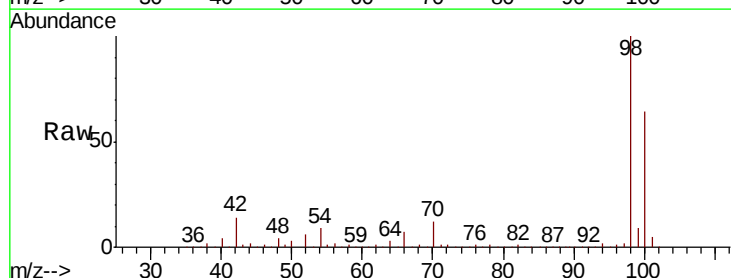


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

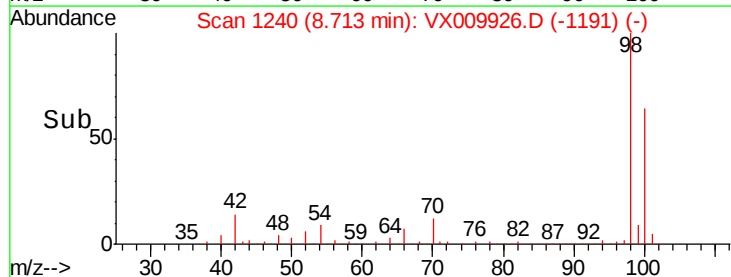
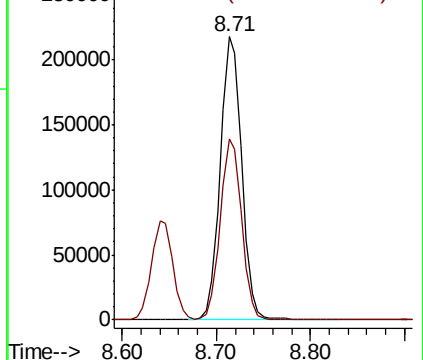


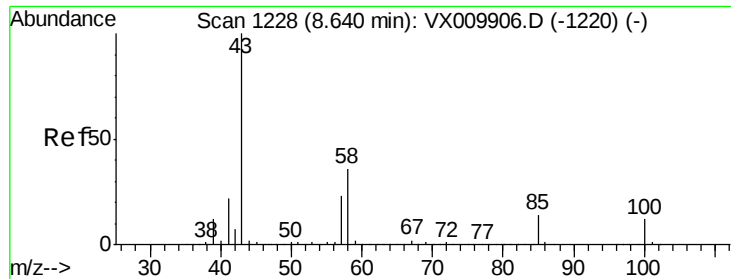
#50
Toluene-d8
Concen: 50.761 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 98 Resp: 343424
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 261.327 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

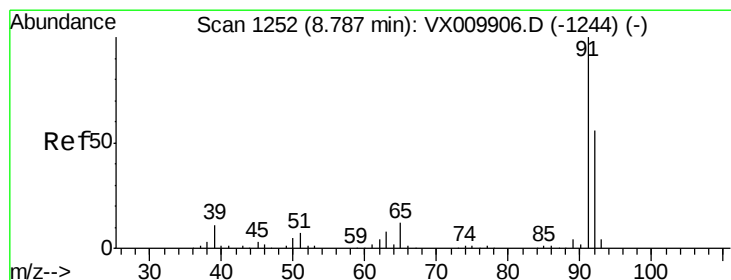
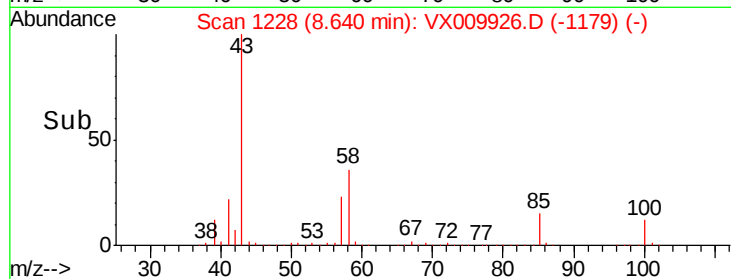
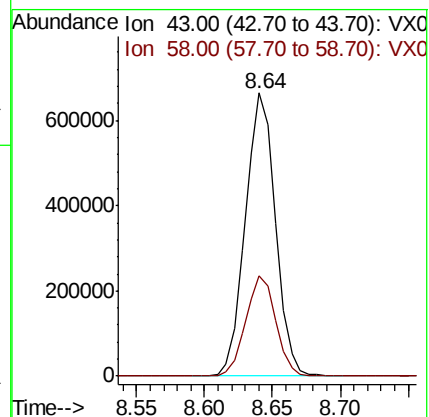
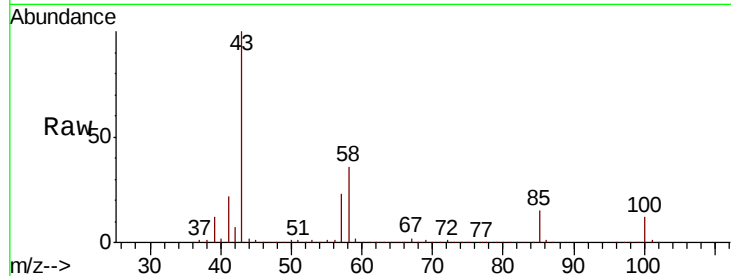
VSTDCCC050EC

Tot Ion: 43 Resp: 1027623

Ion Ratio Lower Upper

43 100

58 35.5 28.8 43.2



#52

Toluene

Concen: 50.013 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009926.D

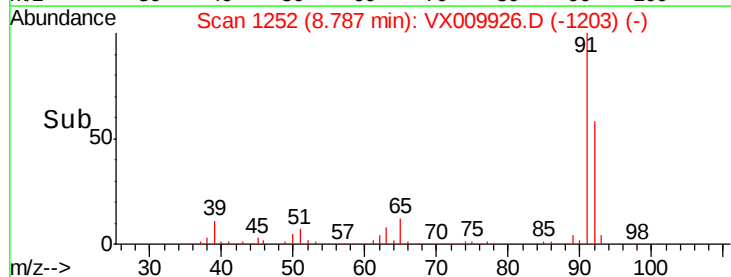
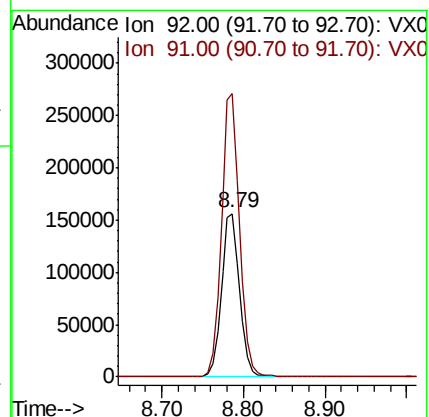
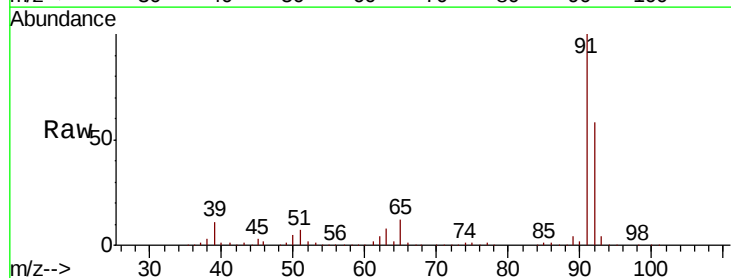
Acq: 28 May 2019 19:40

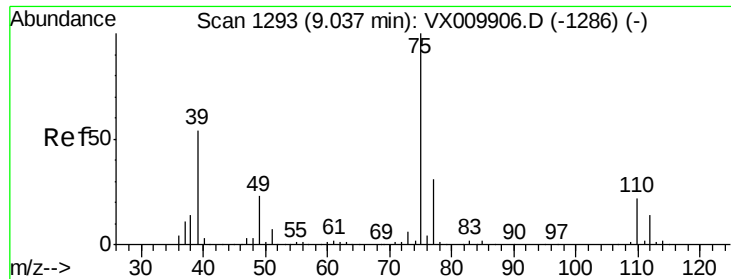
Tgt Ion: 92 Resp: 242198

Ion Ratio Lower Upper

92 100

91 173.8 139.9 209.9

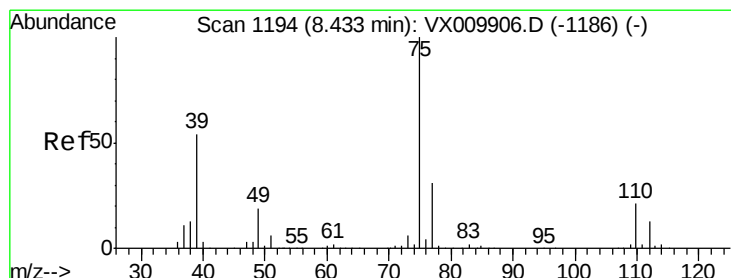
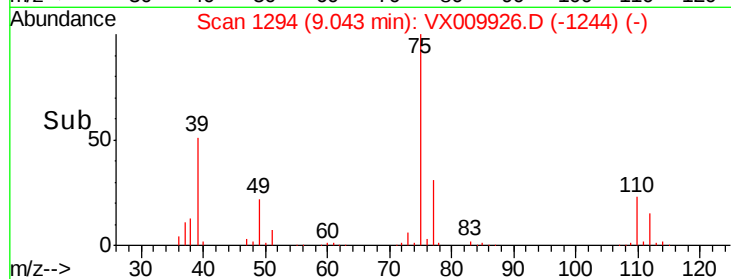
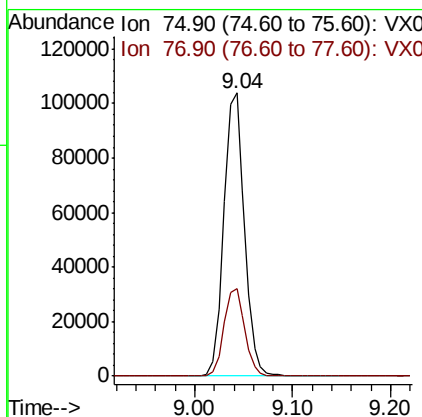
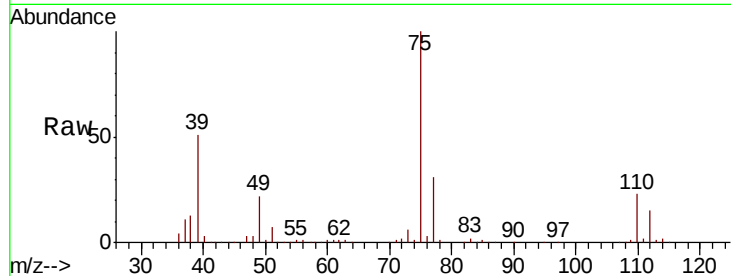




#53
 t-1,3-Dichloropropene
 Concen: 49.168 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

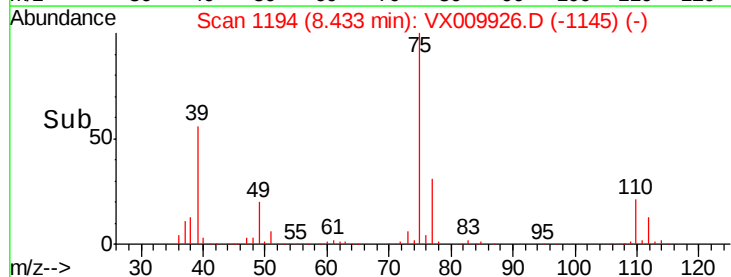
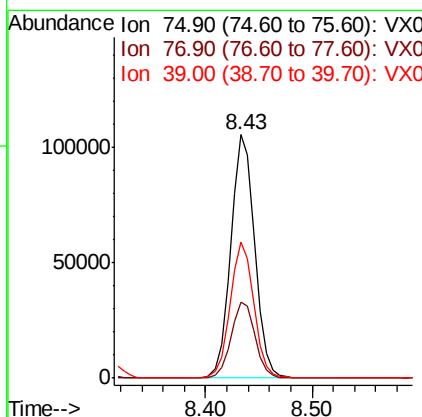
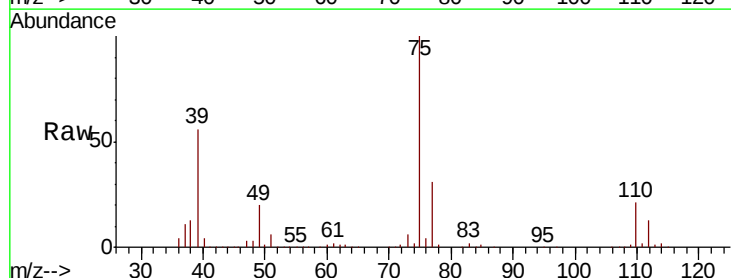
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

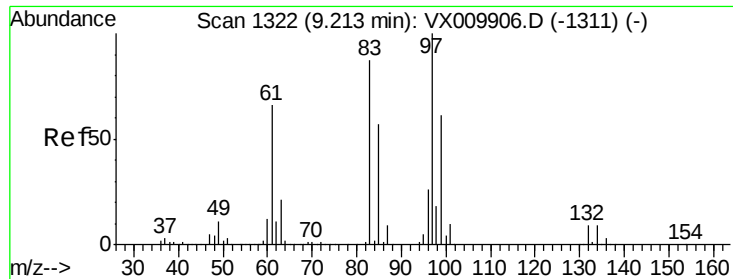
Tot Ion: 75 Resp: 151547
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.430 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion: 75 Resp: 165998
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 55.9 43.4 65.0

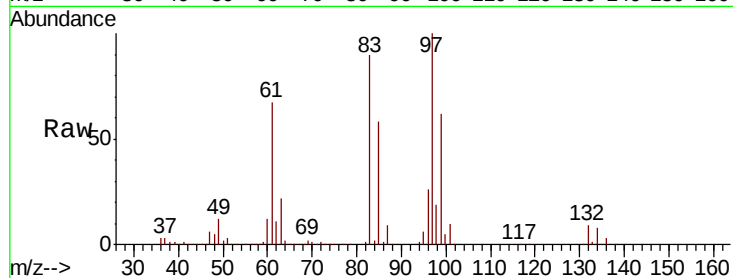




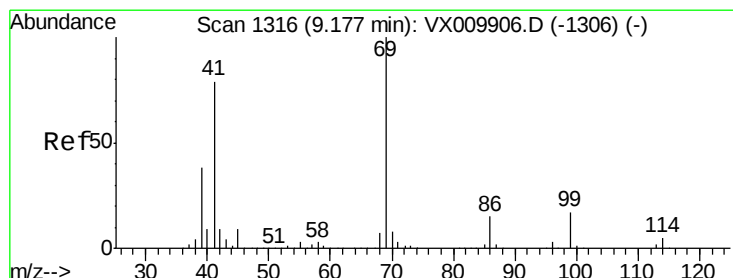
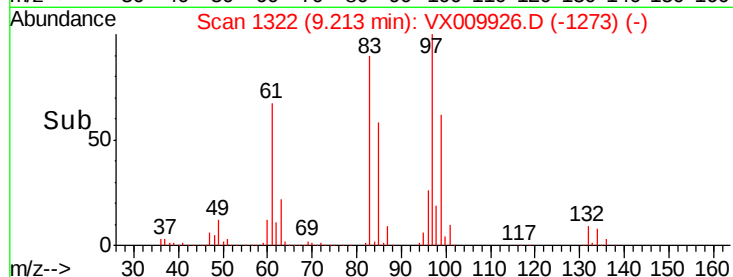
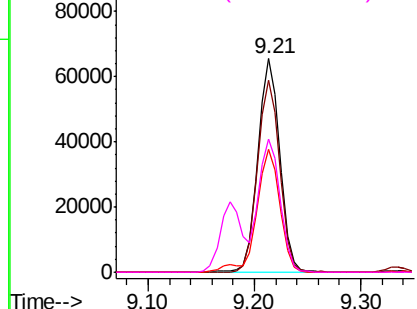
#55
 1,1,2-Trichloroethane
 Concen: 48.942 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 95394
 Ion Ratio Lower Upper
 97 100
 83 89.8 69.8 104.8
 85 57.6 45.3 67.9
 99 62.4 49.0 73.4

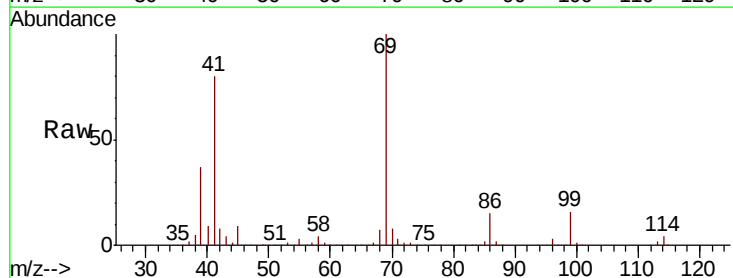


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

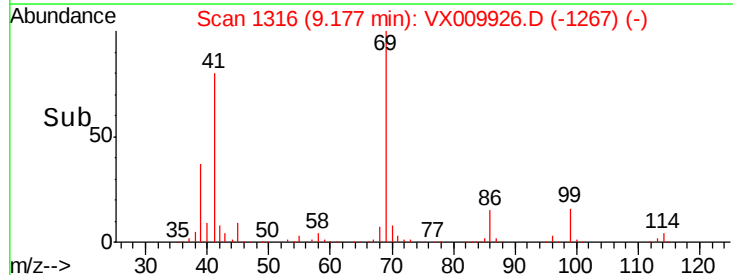
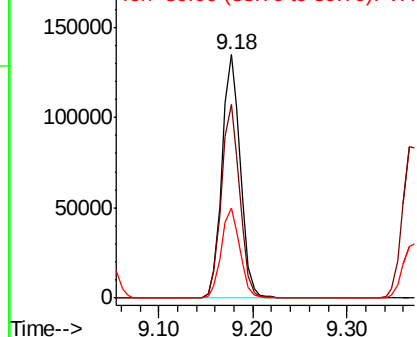


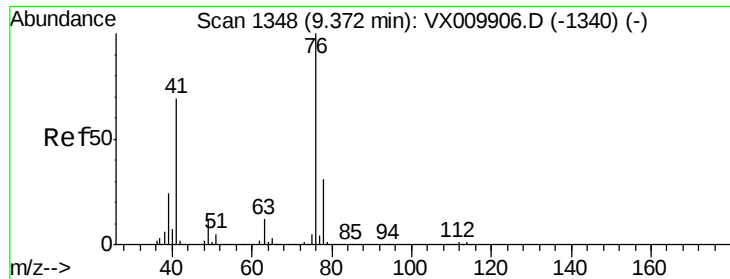
#56
 Ethyl methacrylate
 Concen: 52.481 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion: 69 Resp: 182112
 Ion Ratio Lower Upper
 69 100
 41 79.8 62.7 94.1
 39 37.3 29.5 44.3



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: 49.412 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

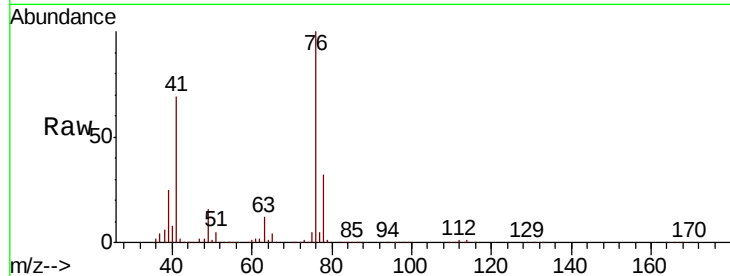
VSTDCCC050EC

Tot Ion: 76 Resp: 172962

Ion Ratio Lower Upper

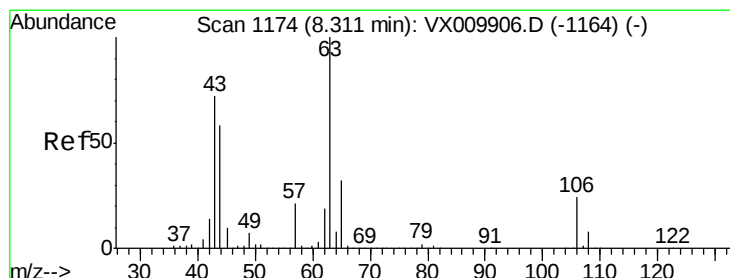
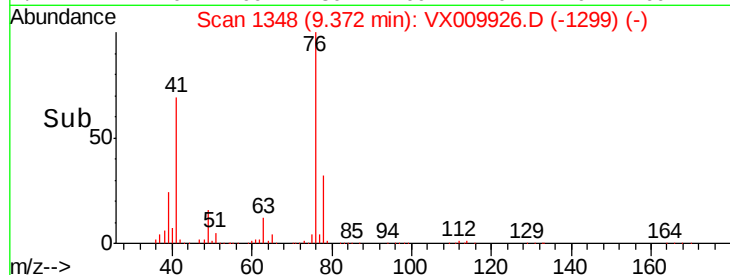
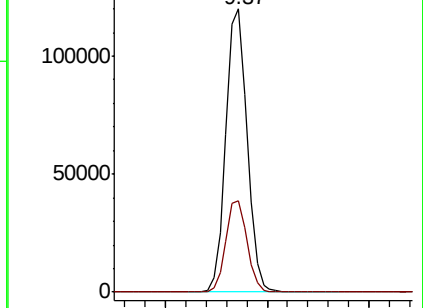
76 100

78 32.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.037 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009926.D

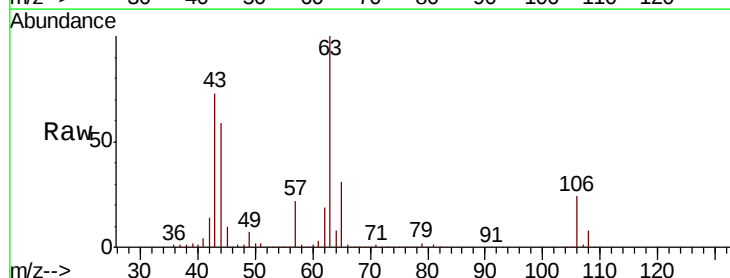
Acq: 28 May 2019 19:40

Tgt Ion: 63 Resp: 465887

Ion Ratio Lower Upper

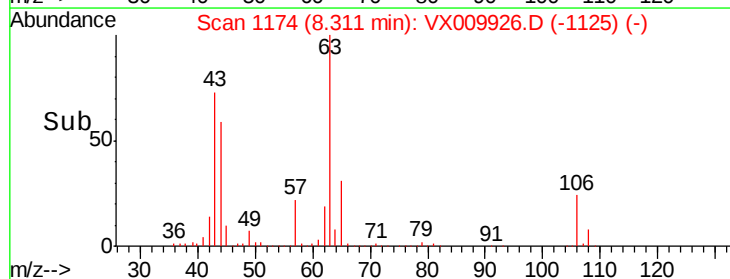
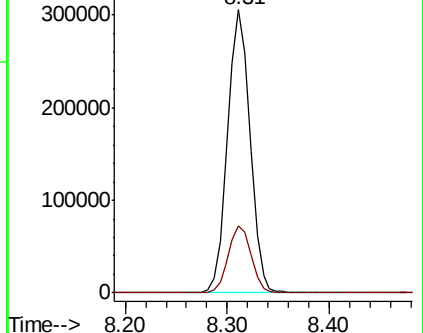
63 100

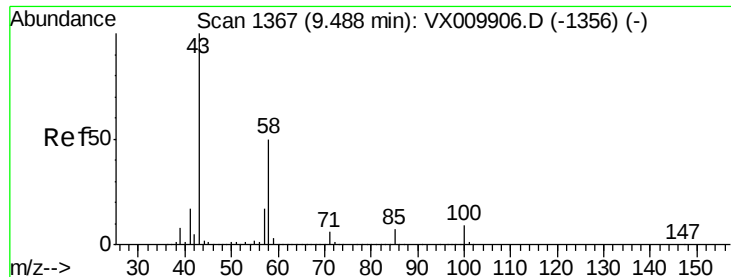
106 24.0 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

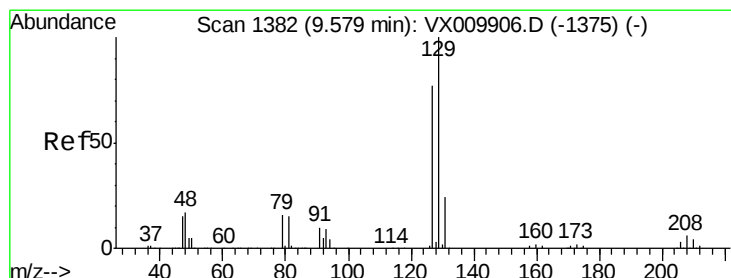
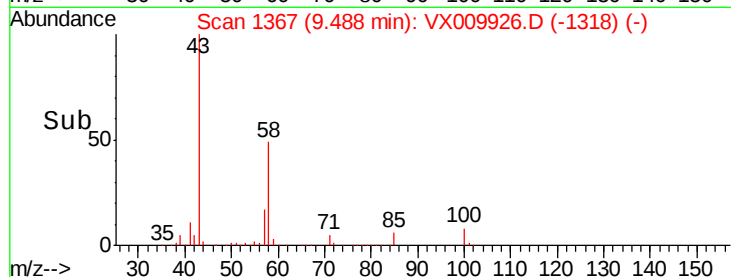
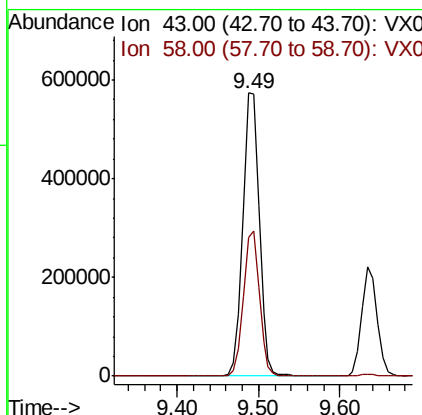
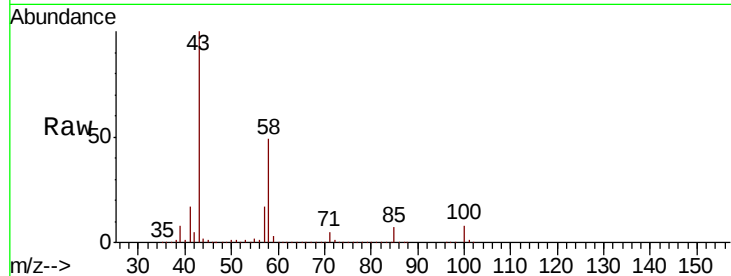




#59
2-Hexanone
Concen: 263.346 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

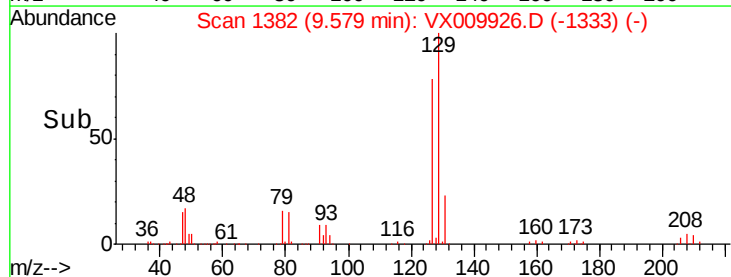
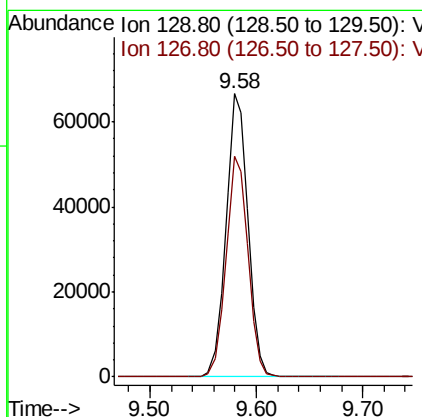
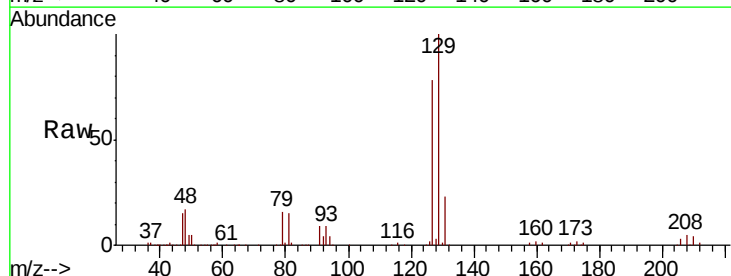
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

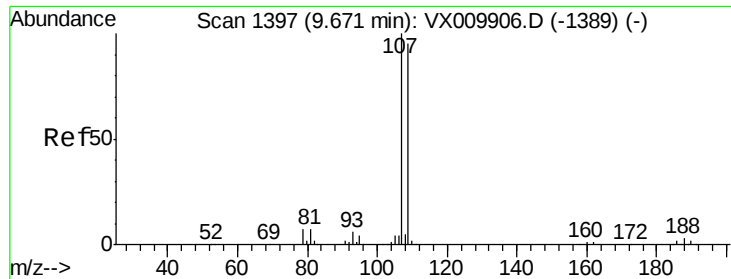
Tot Ion: 43 Resp: 797281
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 50.044 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 129 Resp: 95951
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.559 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

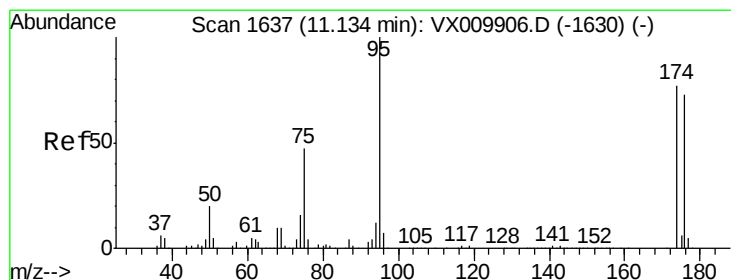
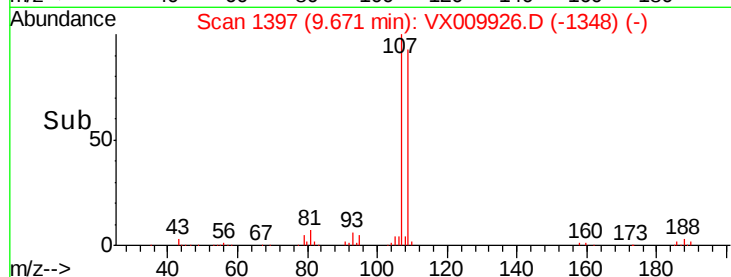
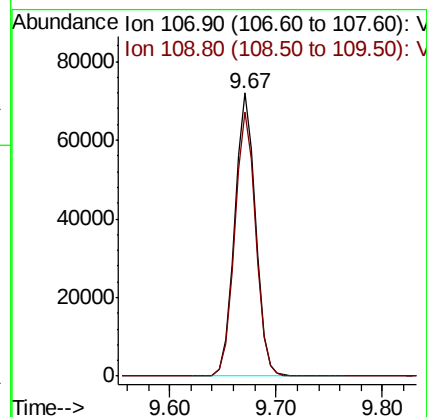
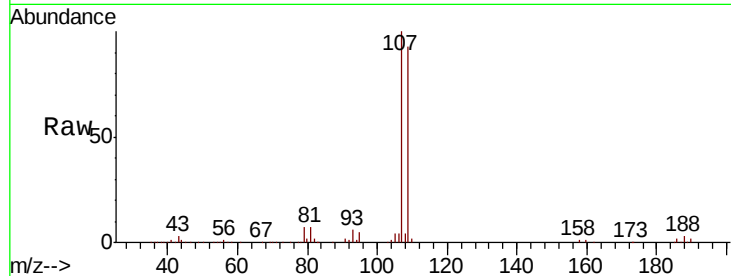
VSTDCCC050EC

Tot Ion:107 Resp: 99239

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.846 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

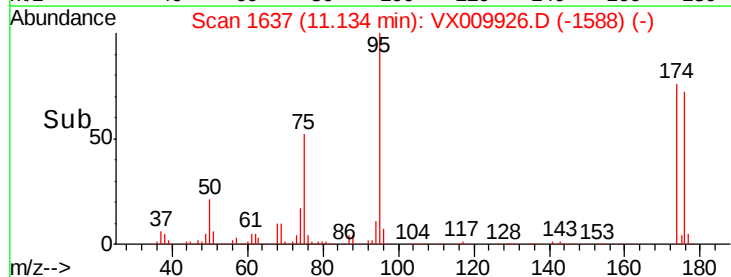
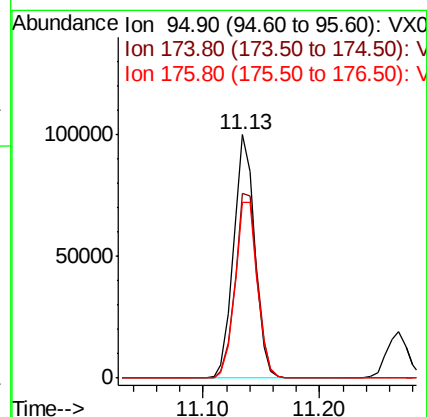
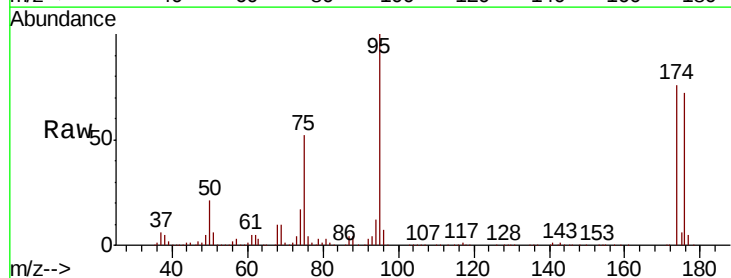
Tgt Ion: 95 Resp: 125988

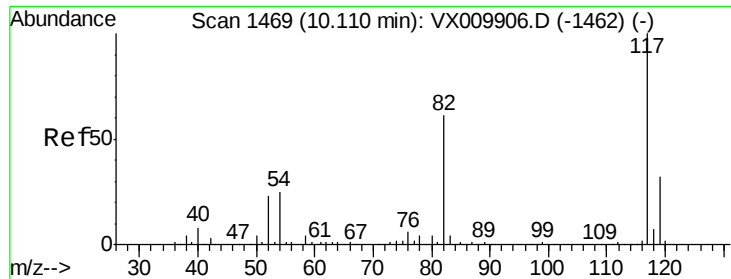
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

176 76.5 0.0 154.6

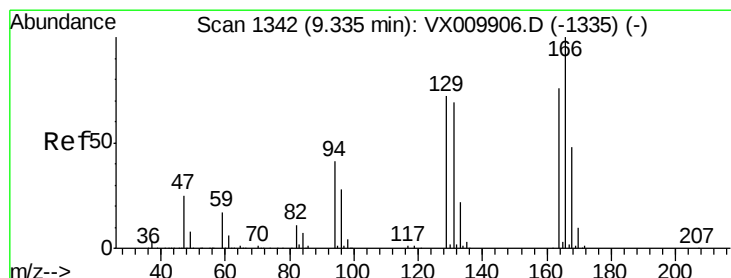
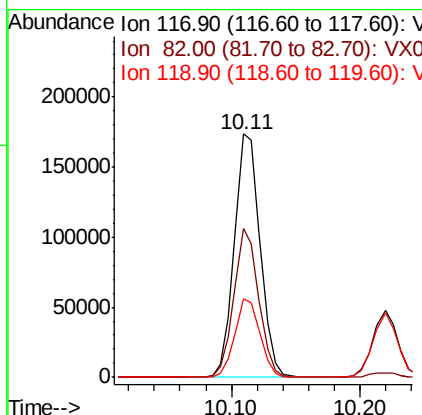
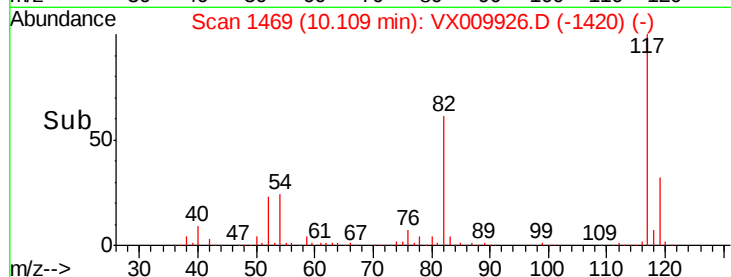
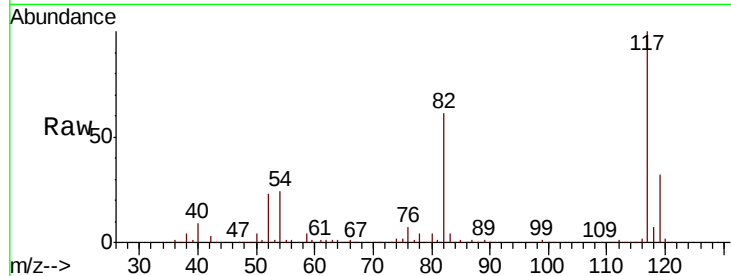




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

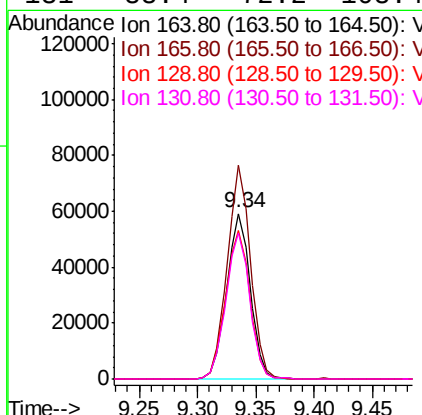
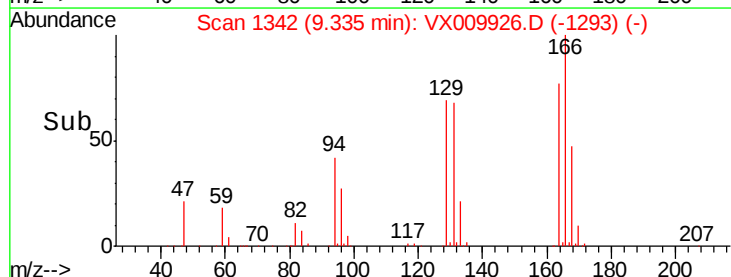
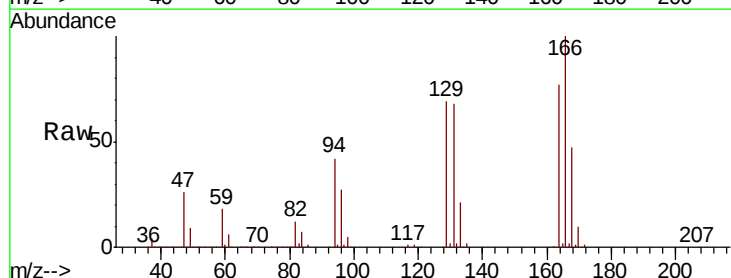
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

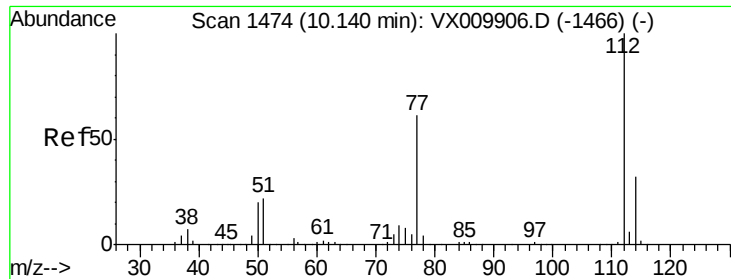
Tot Ion:117 Resp: 242720
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 49.498 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion:164 Resp: 83919
Ion Ratio Lower Upper
164 100
166 129.3 105.0 157.4
129 89.8 75.1 112.7
131 88.4 72.2 108.4

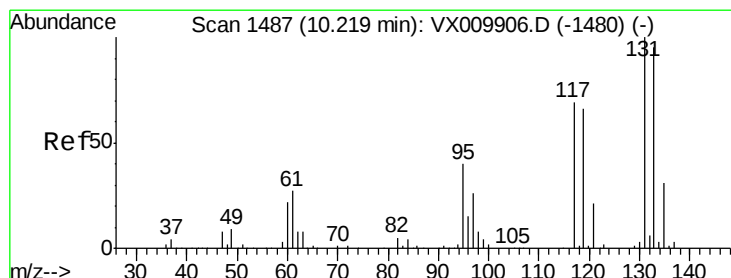
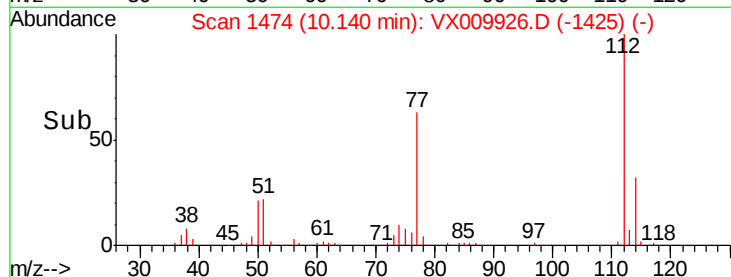
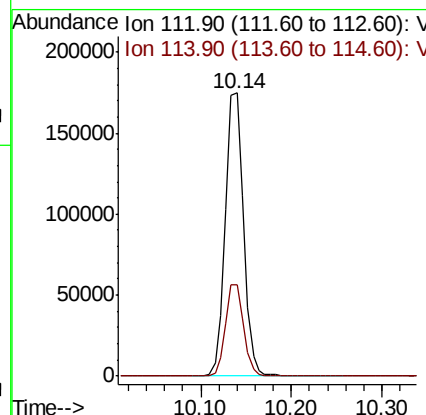
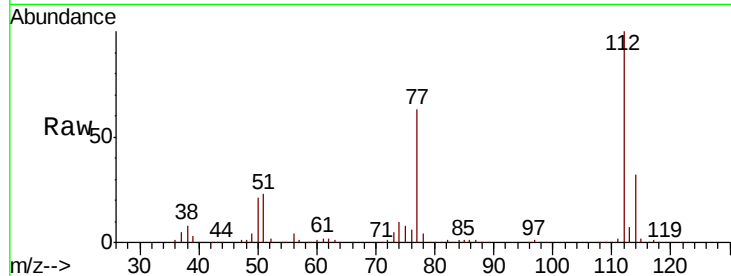




#65
Chlorobenzene
Concen: 48.332 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

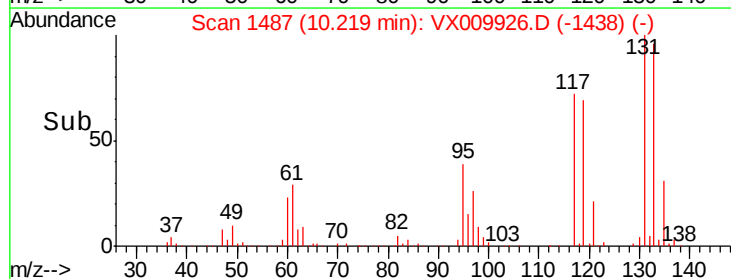
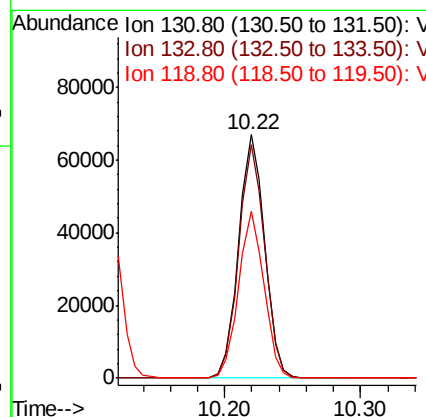
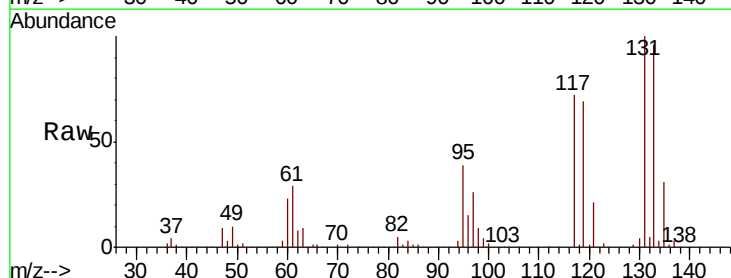
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

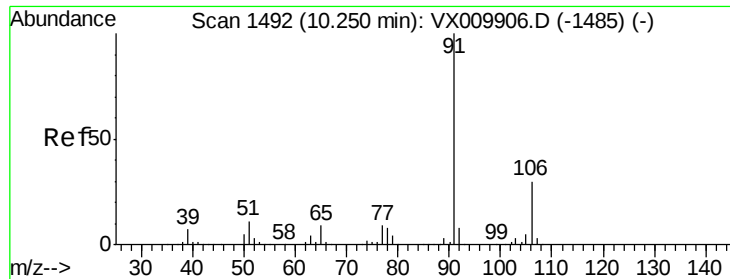
Tot Ion:112 Resp: 245595
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.574 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion:131 Resp: 89133
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 67.2 33.4 100.1

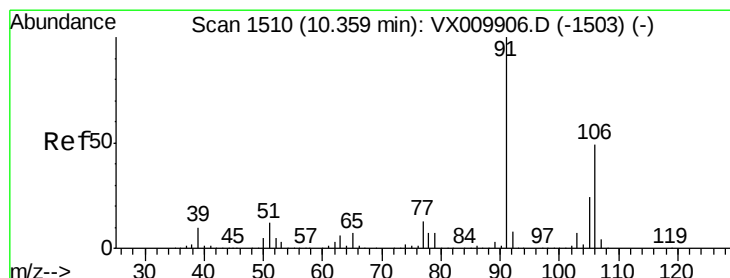
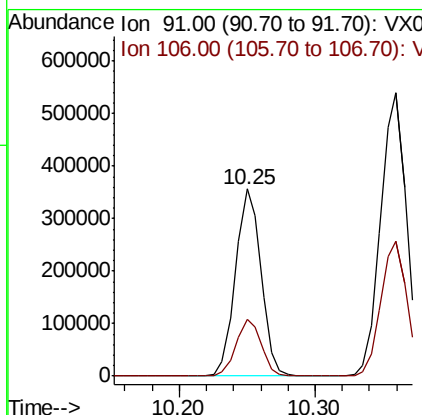
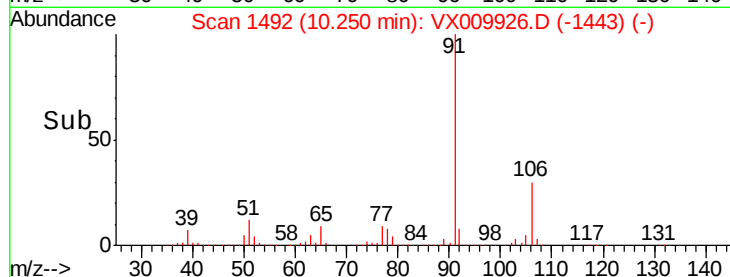
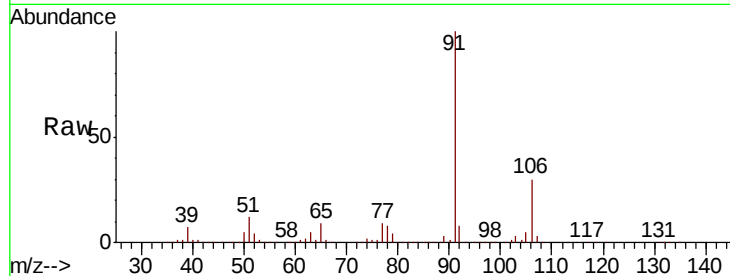




#67
Ethyl Benzene
Concen: 51.072 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

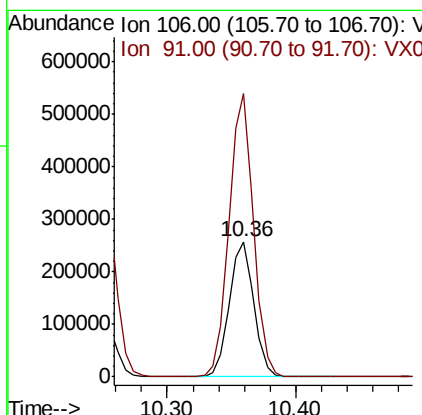
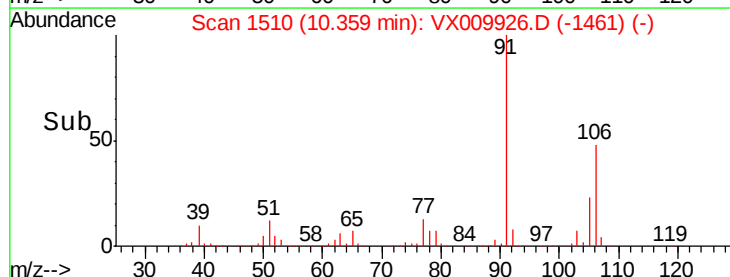
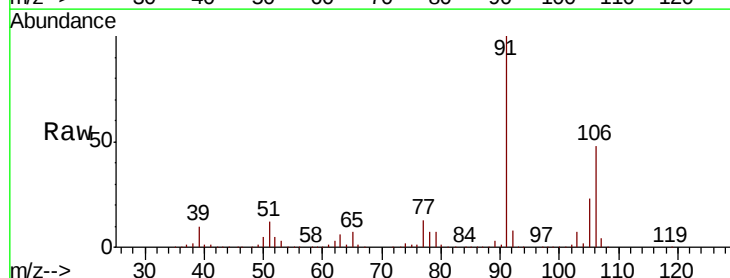
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

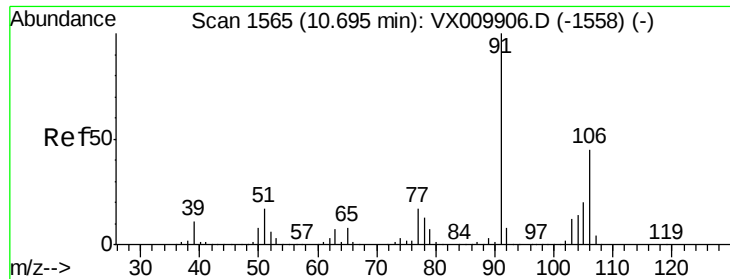
Tot Ion: 91 Resp: 465969
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 101.847 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 106 Resp: 343287
Ion Ratio Lower Upper
106 100
91 209.0 167.3 250.9

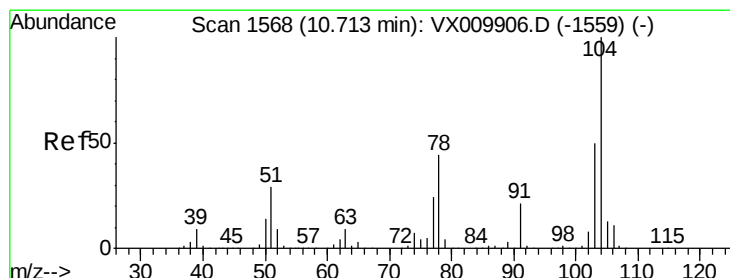
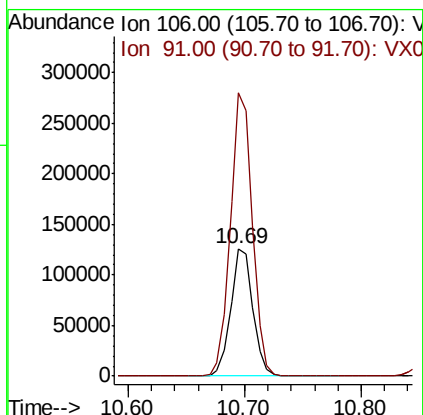
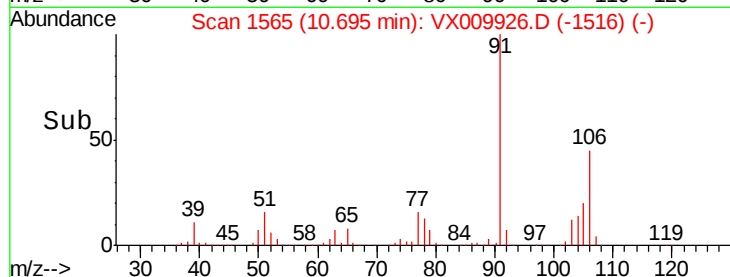
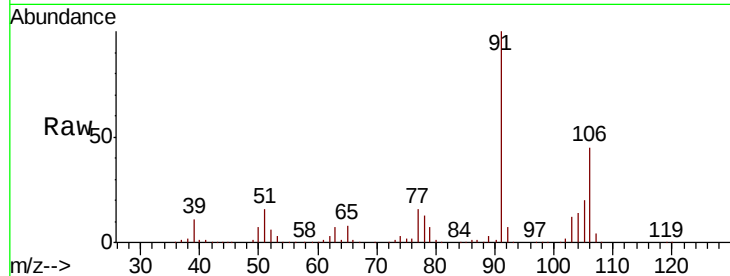




#69
o-Xylene
Concen: 51.249 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

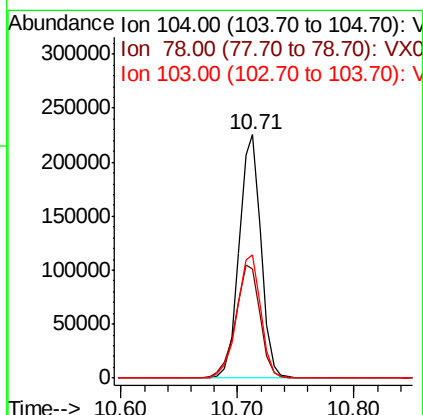
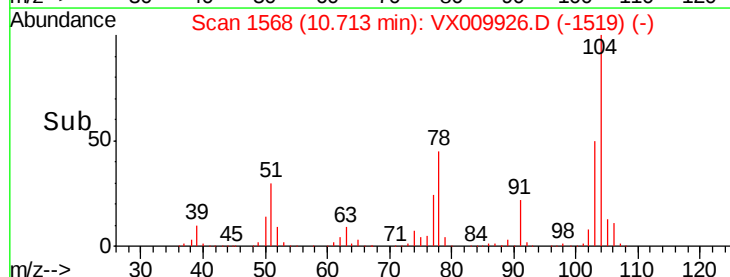
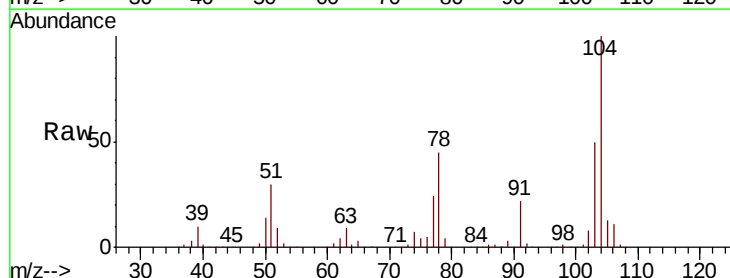
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

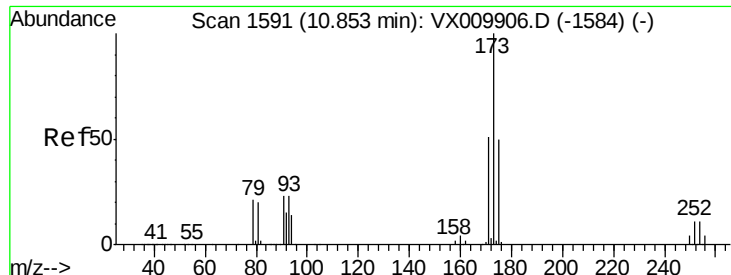
Tot Ion:106 Resp: 165666
Ion Ratio Lower Upper
106 100
91 221.7 110.4 331.2



#70
Styrene
Concen: 51.777 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion:104 Resp: 293491
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 55.4 44.1 66.1





#71

Bromoform

Concen: 52.136 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

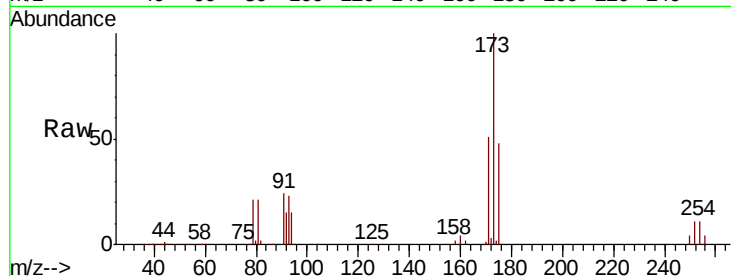
Tot Ion:173 Resp: 75109

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

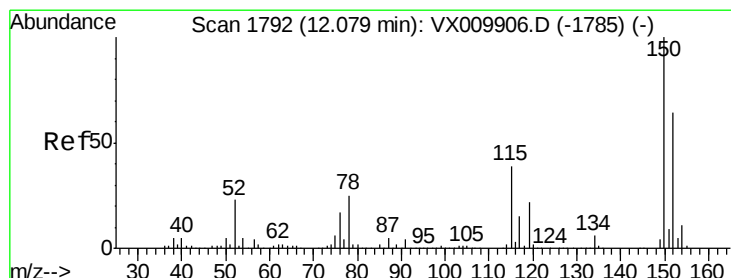
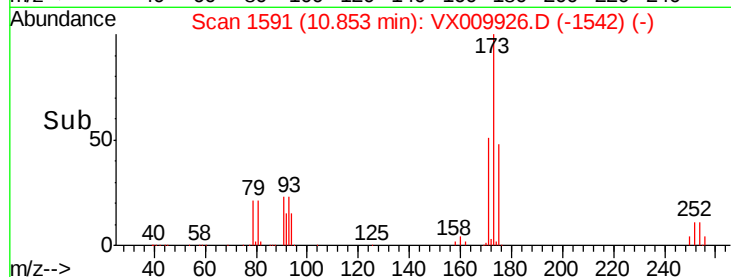
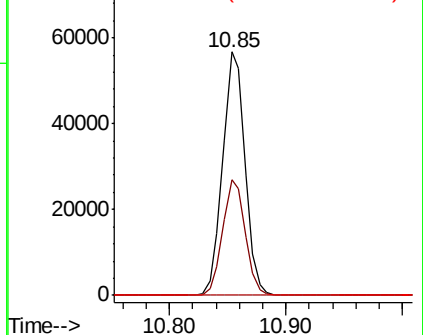
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

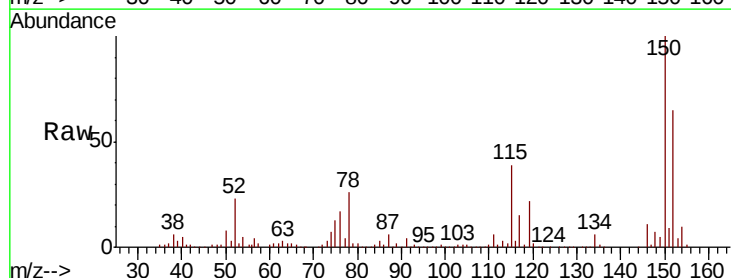
Tgt Ion:152 Resp: 119246

Ion Ratio Lower Upper

152 100

115 83.3 41.4 124.2

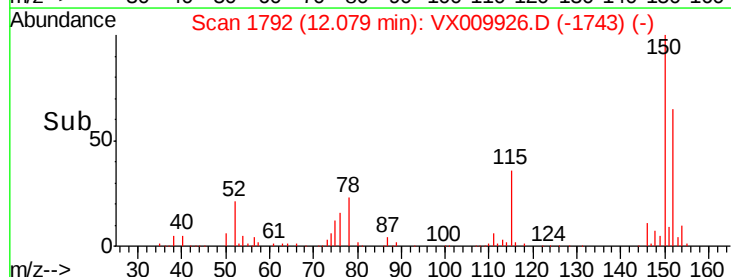
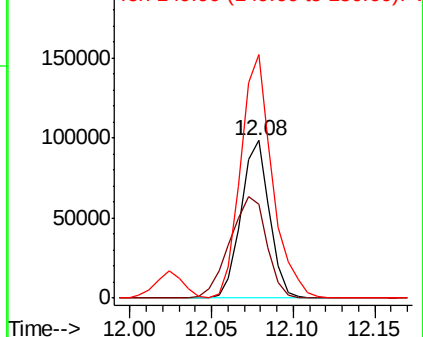
150 172.6 0.0 345.2

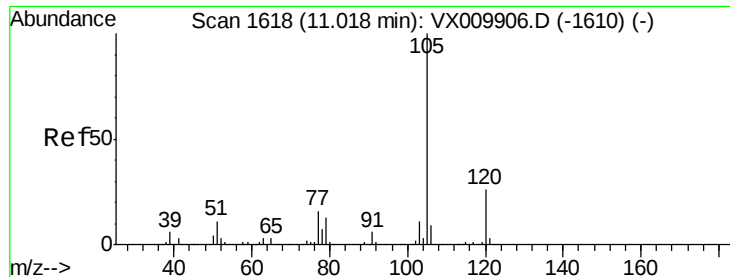


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

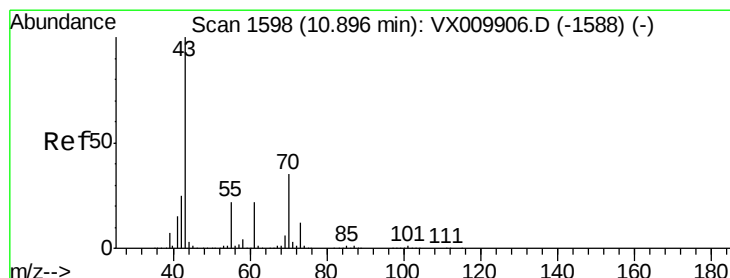
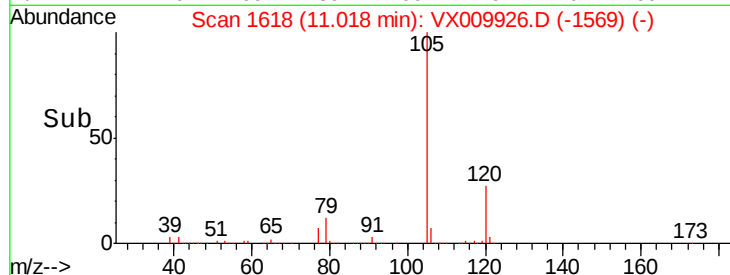
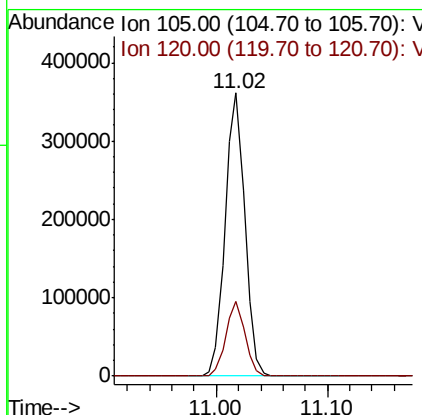
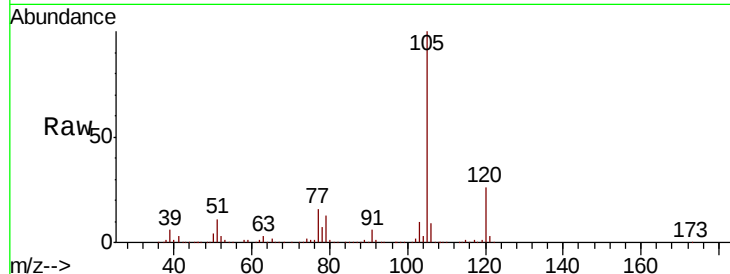




#73
Isopropylbenzene
Concen: 50.112 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

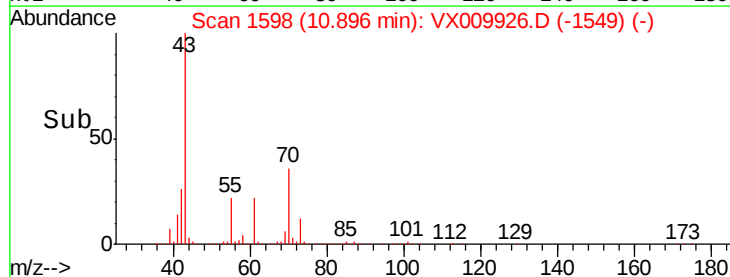
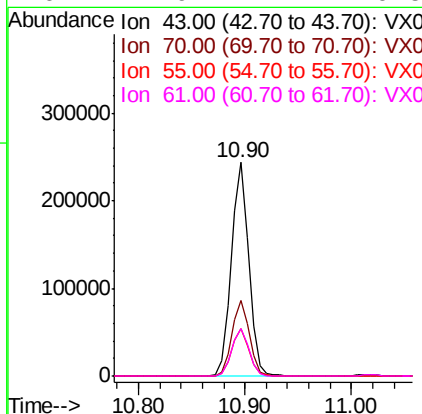
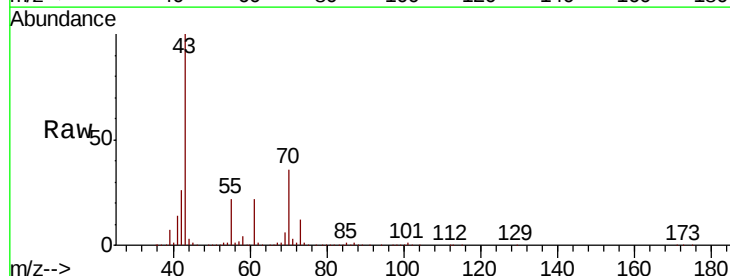
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

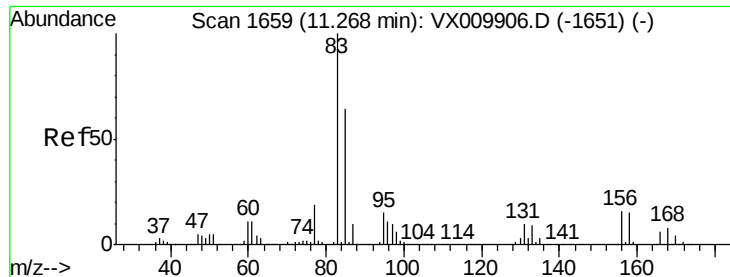
Tot Ion:105 Resp: 440894
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4



#74
N-ethyl acetate
Concen: 53.225 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 43 Resp: 279826
Ion Ratio Lower Upper
43 100
70 35.7 28.6 43.0
55 22.1 17.8 26.8
61 21.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.282 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

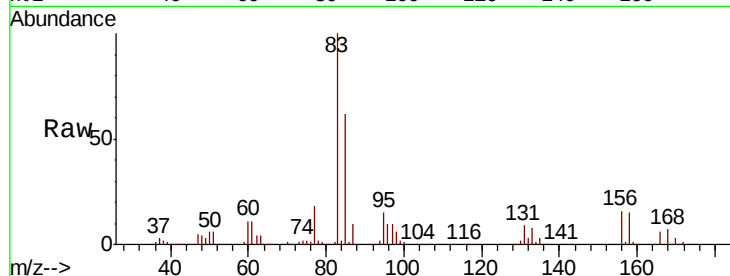
Tot Ion: 83 Resp: 165046

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

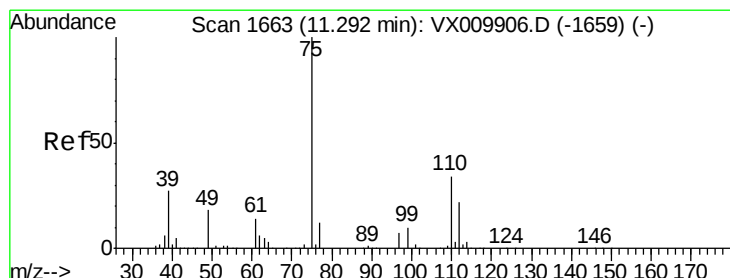
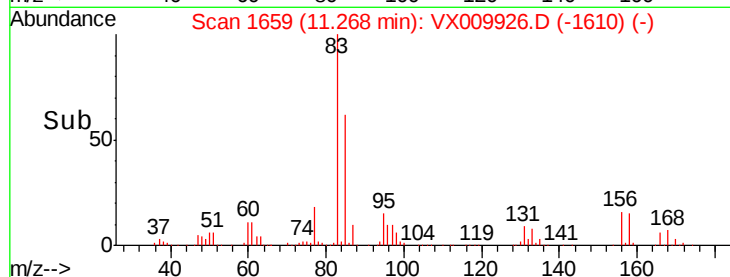
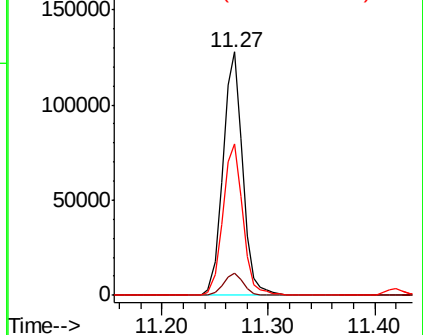
85 63.4 31.9 95.9



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: 68.114 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009926.D

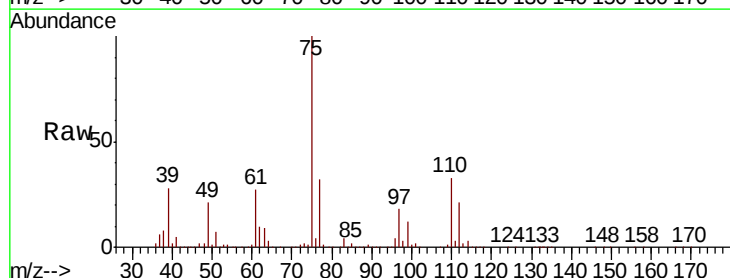
Acq: 28 May 2019 19:40

Tgt Ion: 75 Resp: 194231

Ion Ratio Lower Upper

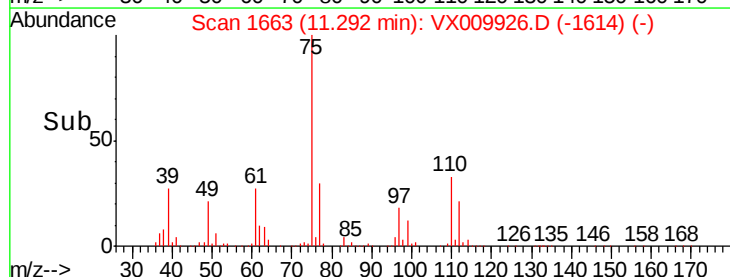
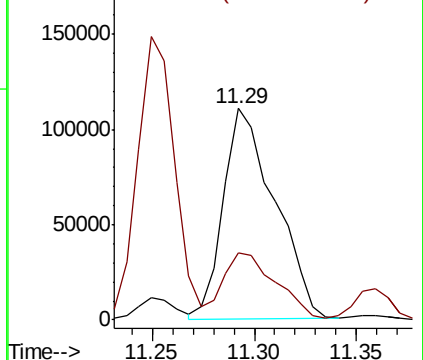
75 100

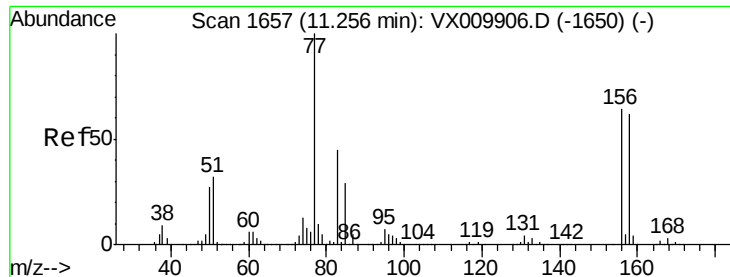
77 32.8 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.563 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

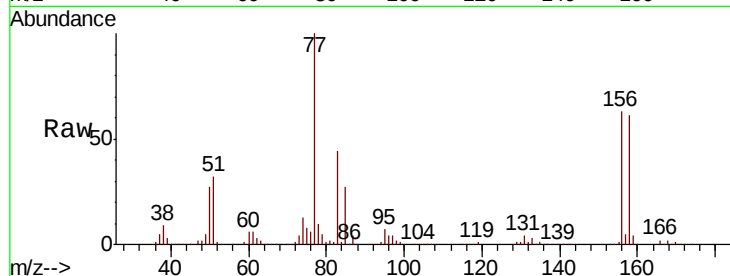
Tot Ion:156 Resp: 108888

Ion Ratio Lower Upper

156 100

77 172.8 86.8 260.3

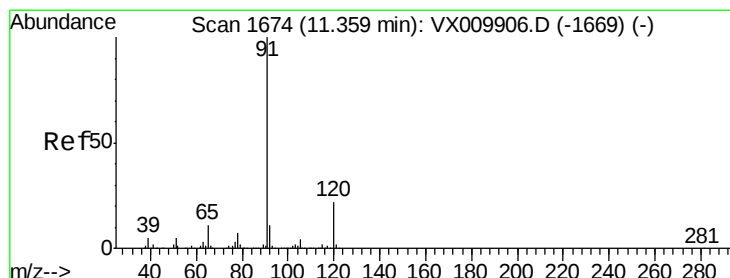
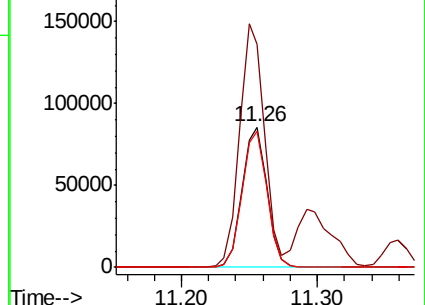
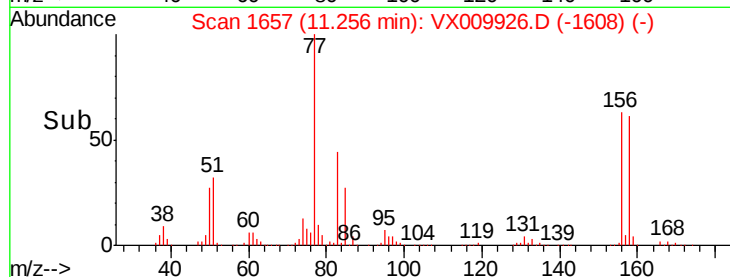
158 97.3 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.074 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009926.D

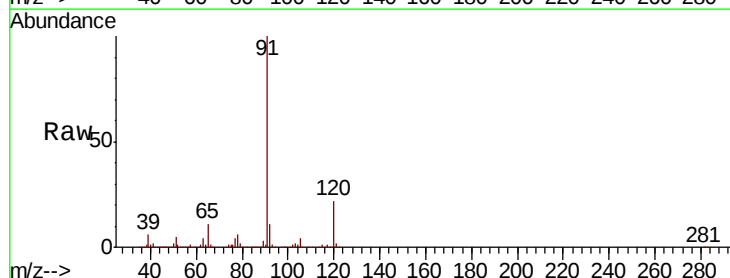
Acq: 28 May 2019 19:40

Tgt Ion: 91 Resp: 517961

Ion Ratio Lower Upper

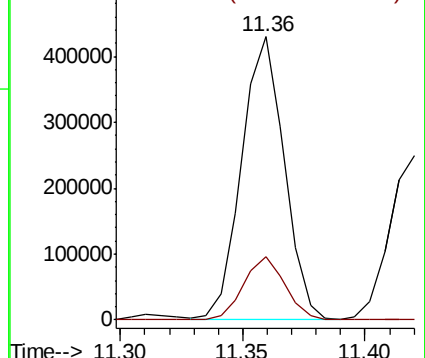
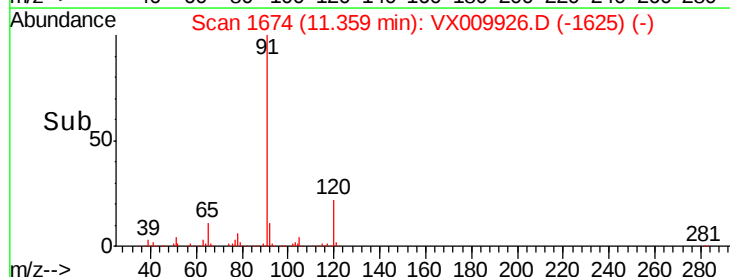
91 100

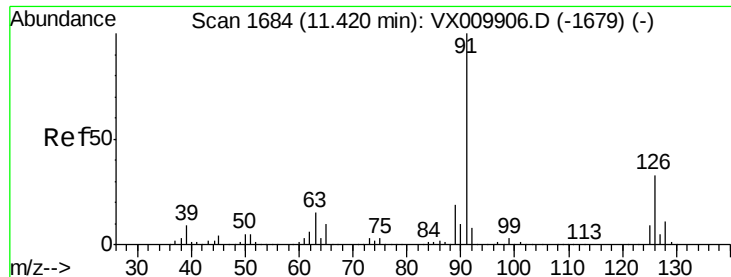
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.693 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

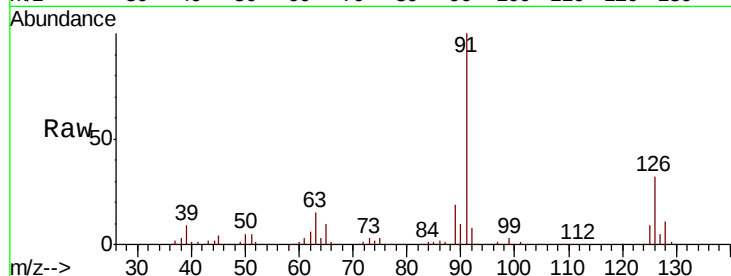
VSTDCCC050EC

Tot Ion: 91 Resp: 307905

Ion Ratio Lower Upper

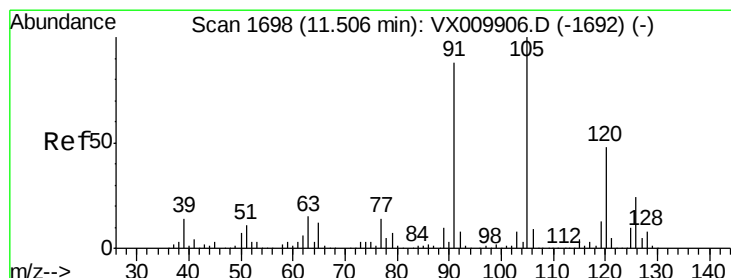
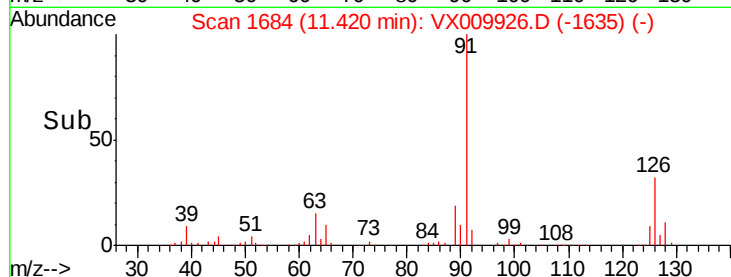
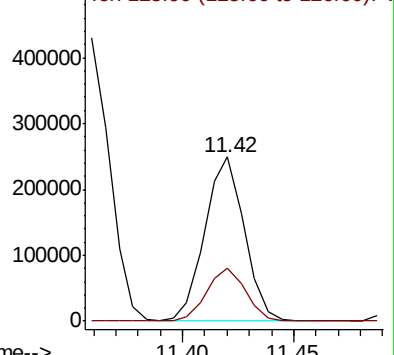
91 100

126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.175 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009926.D

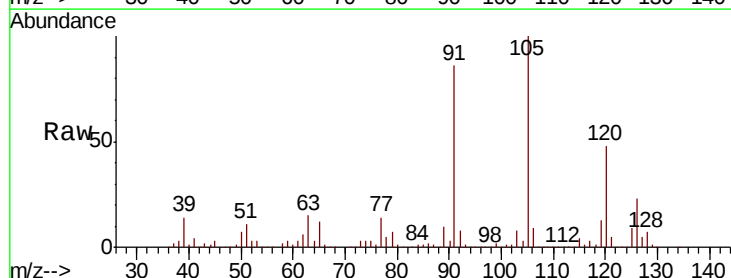
Acq: 28 May 2019 19:40

Tgt Ion:105 Resp: 379318

Ion Ratio Lower Upper

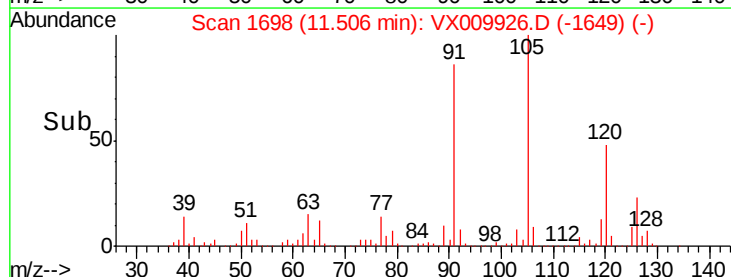
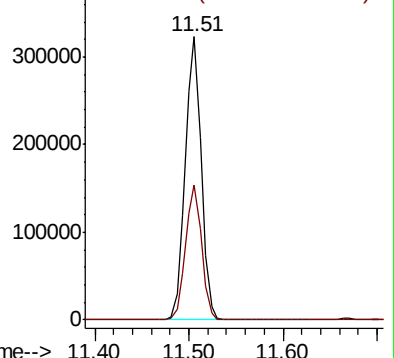
105 100

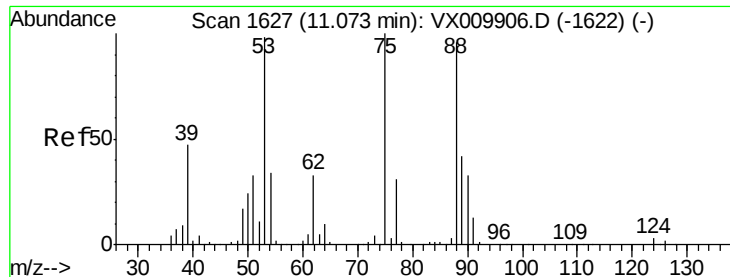
120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.611 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

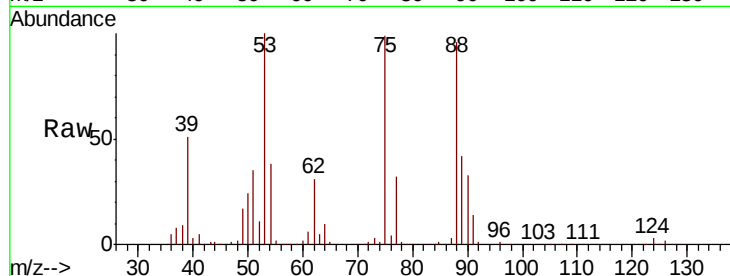
Tot Ion: 75 Resp: 56026

Ion Ratio Lower Upper

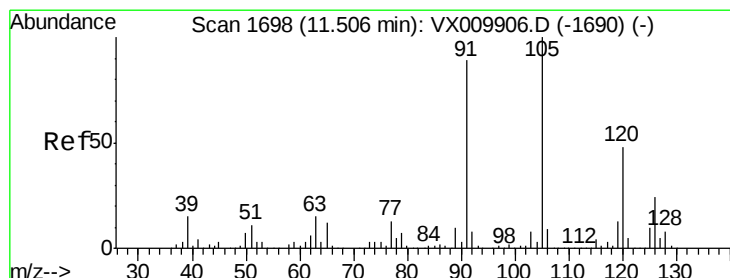
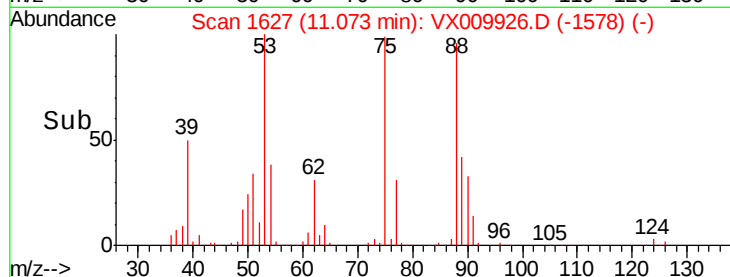
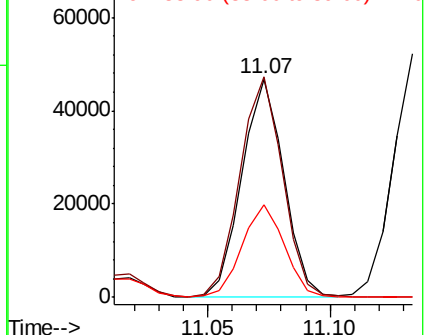
75 100

53 102.5 79.8 119.6

89 42.5 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.917 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009926.D

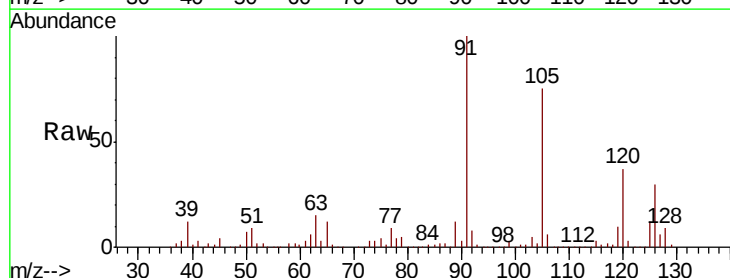
Acq: 28 May 2019 19:40

Tgt Ion: 91 Resp: 360047

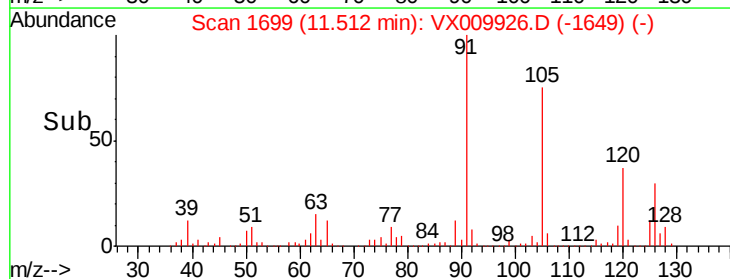
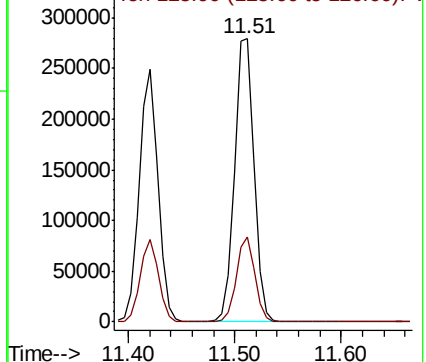
Ion Ratio Lower Upper

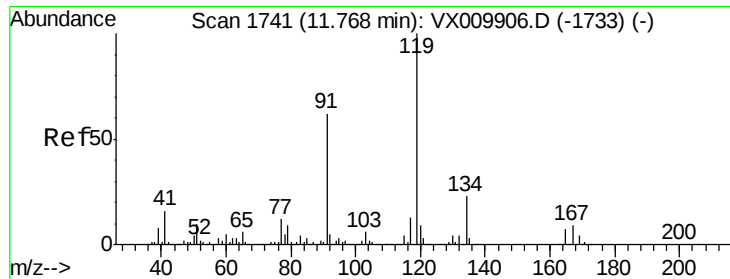
91 100

126 28.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

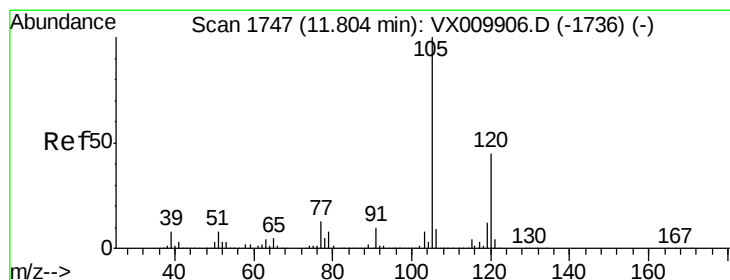
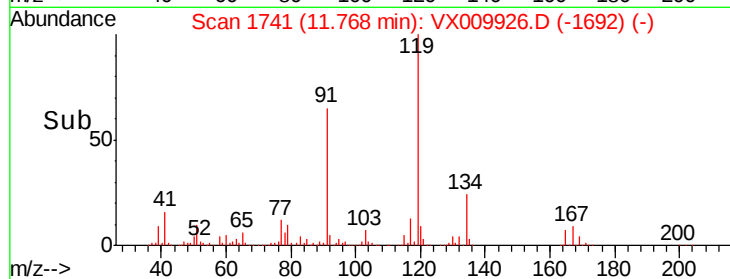
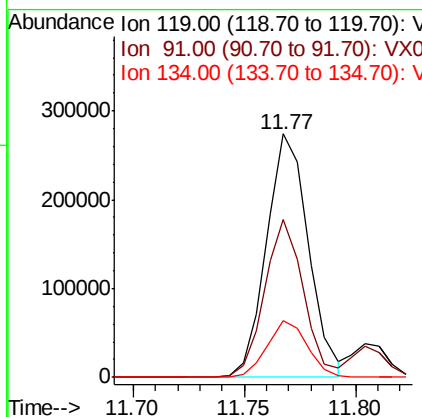
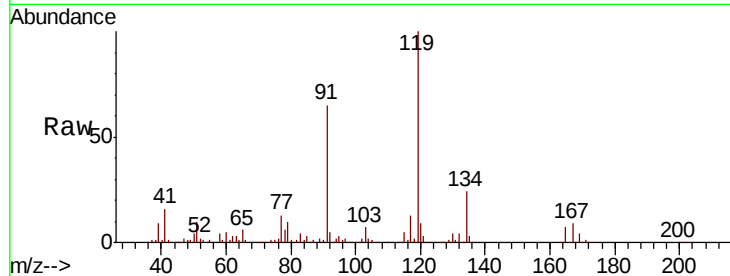




#83
tert-Butylbenzene
Concen: 50.679 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

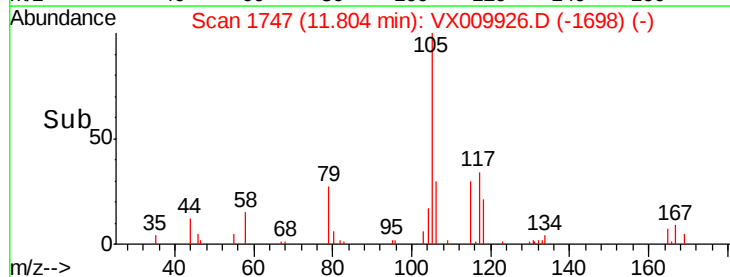
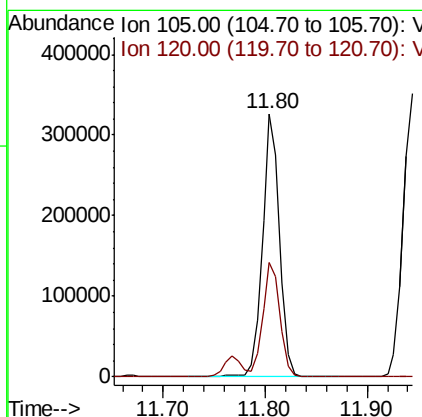
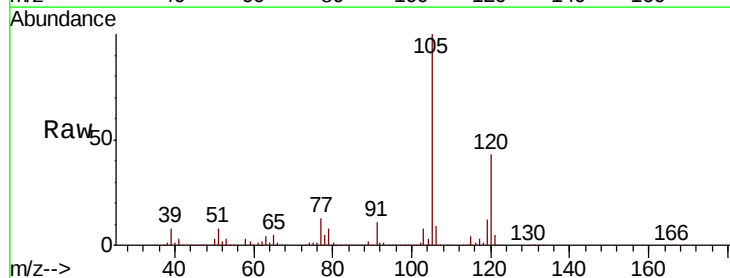
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

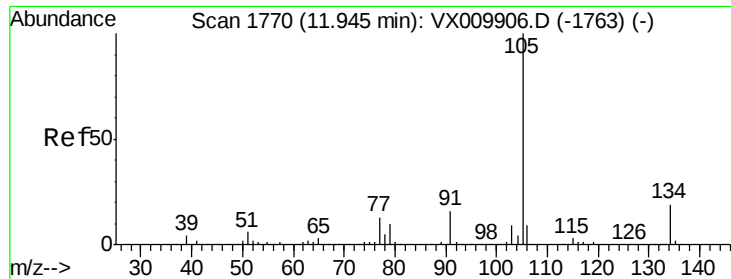
Tot Ion:119 Resp: 359379
Ion Ratio Lower Upper
119 100
91 60.1 30.0 90.0
134 22.4 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 50.457 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion:105 Resp: 379814
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.597 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

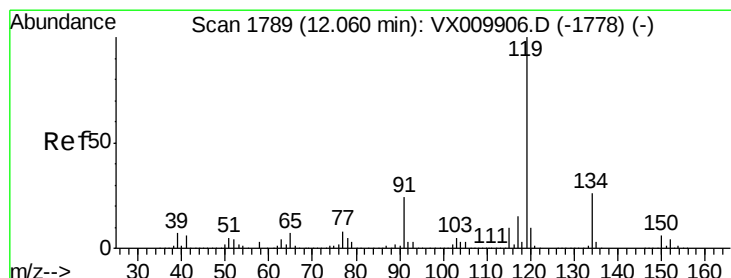
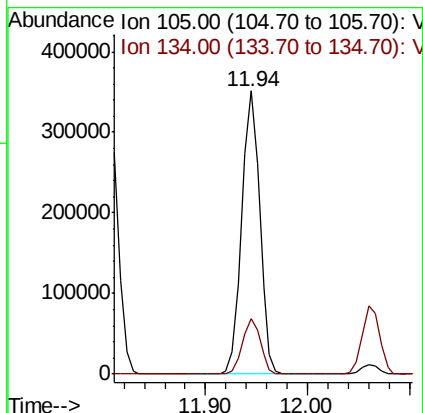
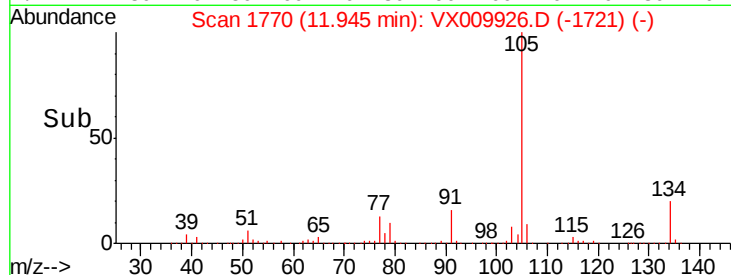
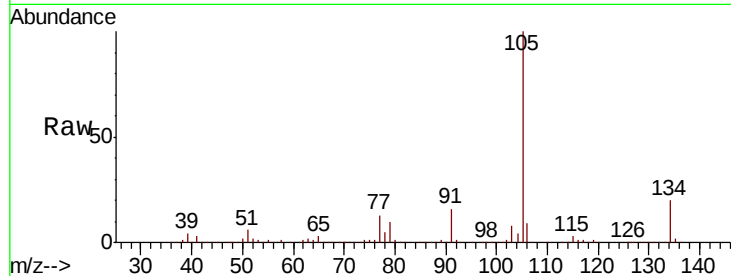
VSTDCCC050EC

Tot Ion:105 Resp: 426856

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.800 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009926.D

Acq: 28 May 2019 19:40

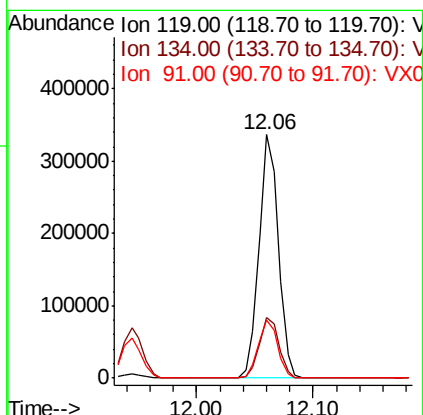
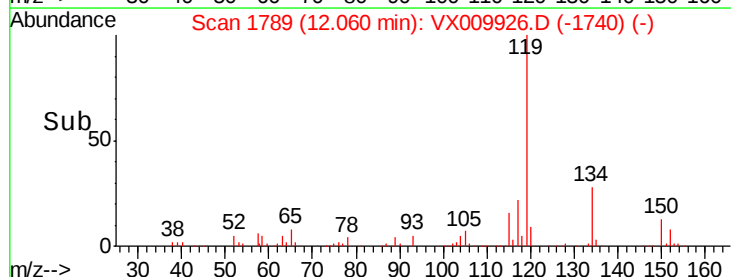
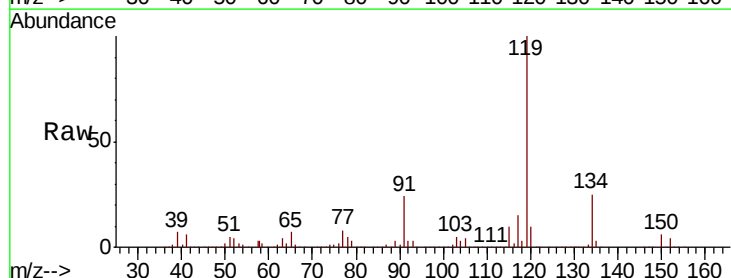
Tgt Ion:119 Resp: 393068

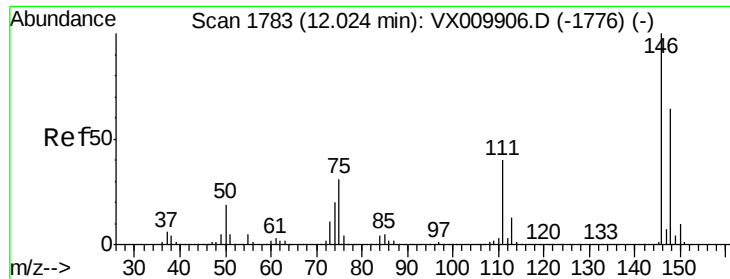
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.8 11.9 35.9

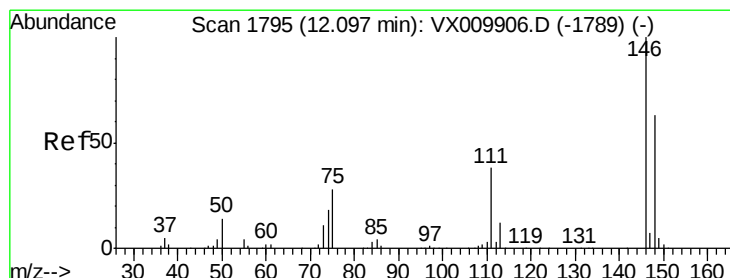
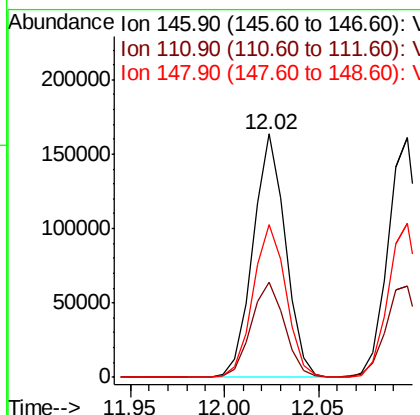
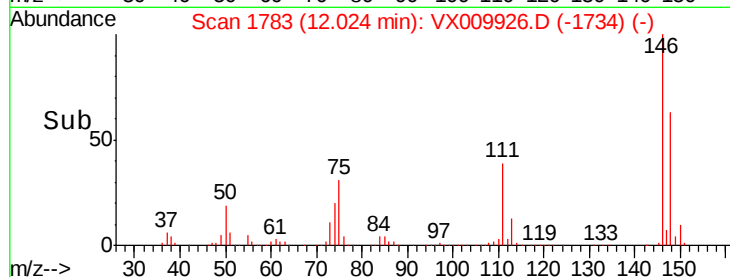
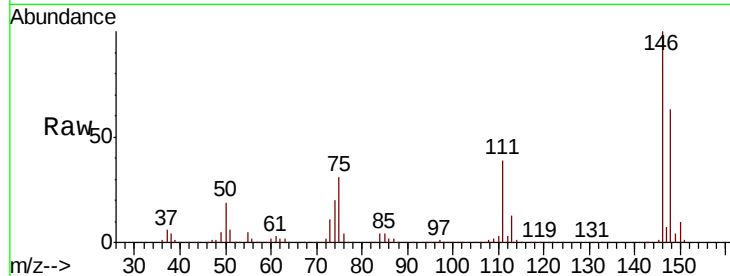




#87
 1,3-Dichlorobenzene
 Concen: 48.760 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

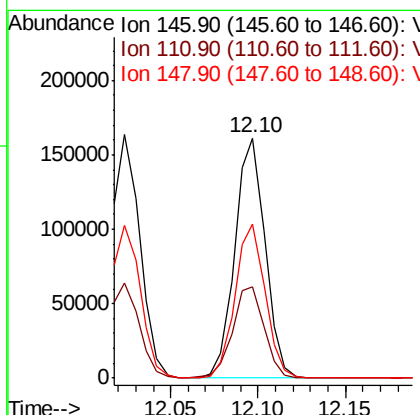
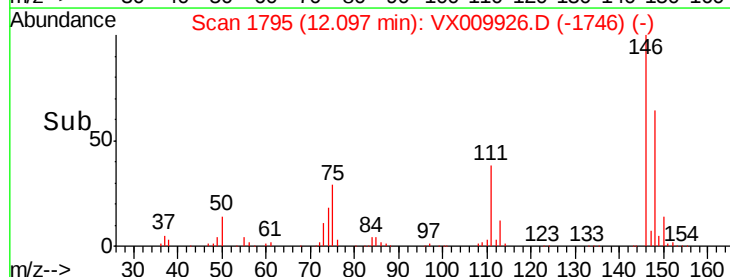
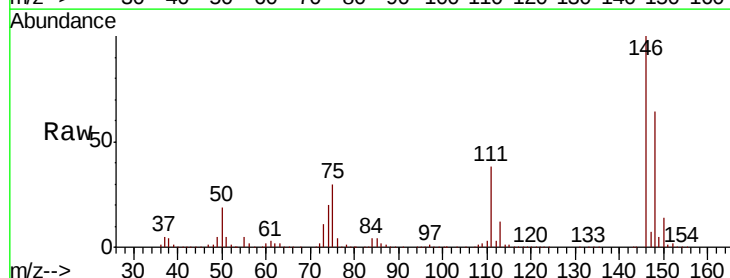
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

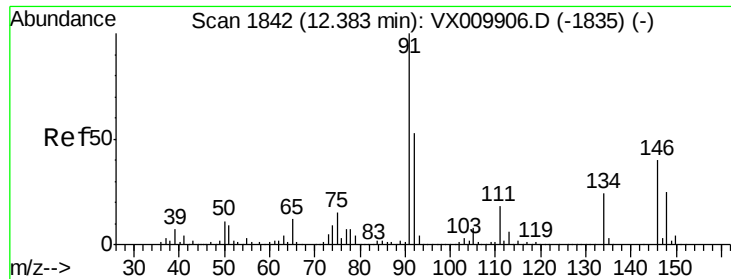
Tot Ion:146 Resp: 194643
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.703 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion:146 Resp: 194200
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.8 32.3 96.9

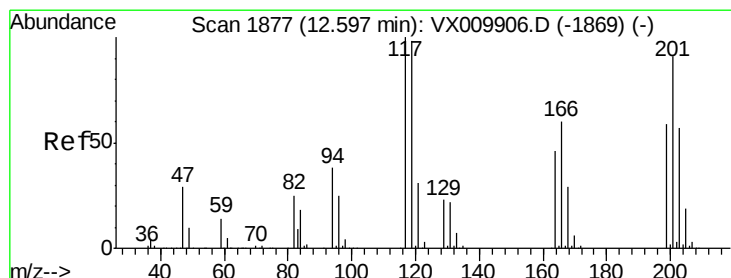
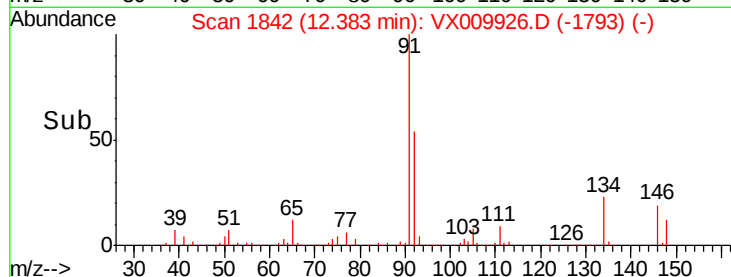
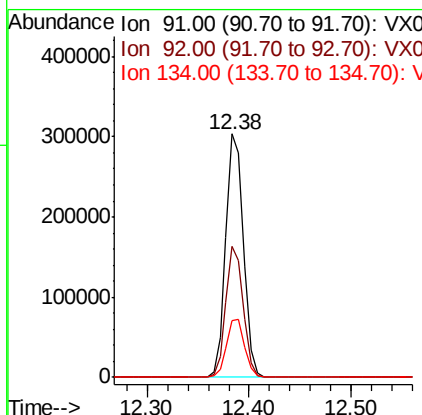
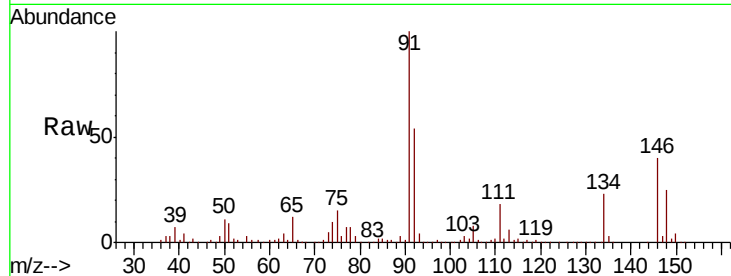




#89
n-Butylbenzene
Concen: 51.123 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

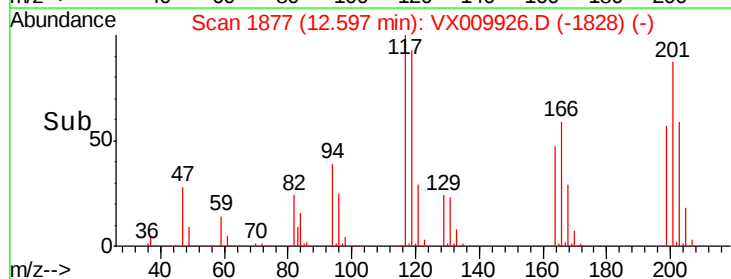
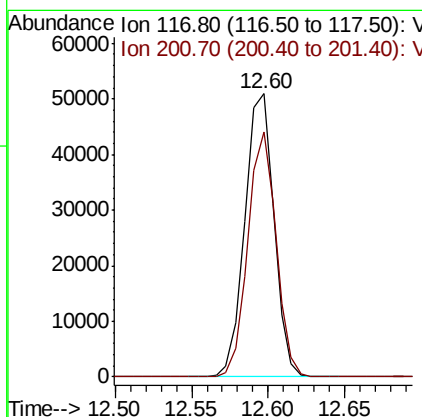
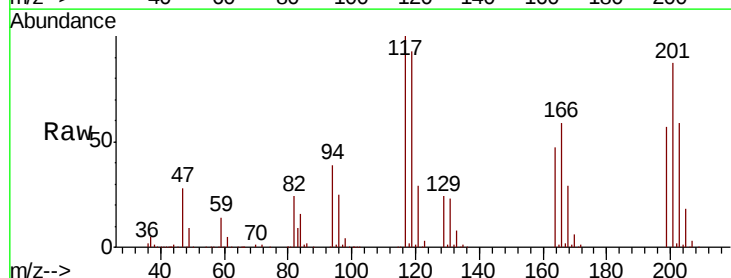
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

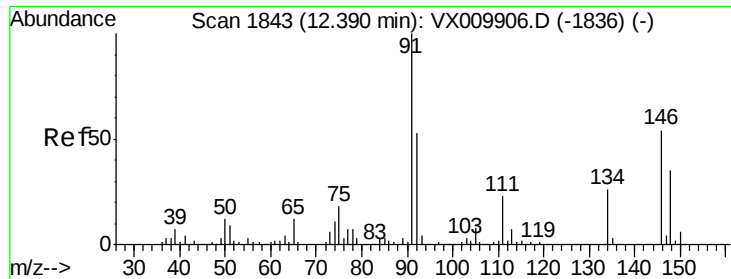
Tot Ion: 91 Resp: 364575
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 51.858 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion: 117 Resp: 67531
Ion Ratio Lower Upper
117 100
201 83.6 43.6 130.9

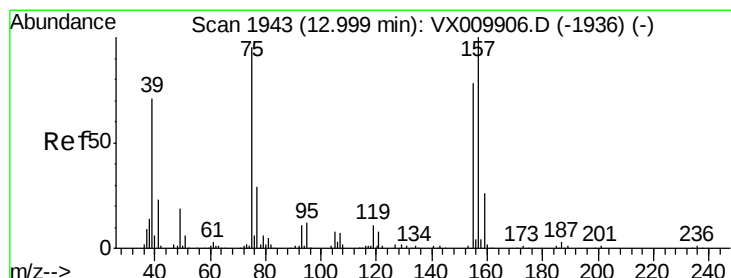
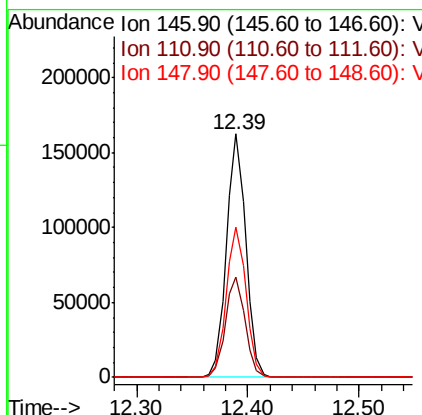
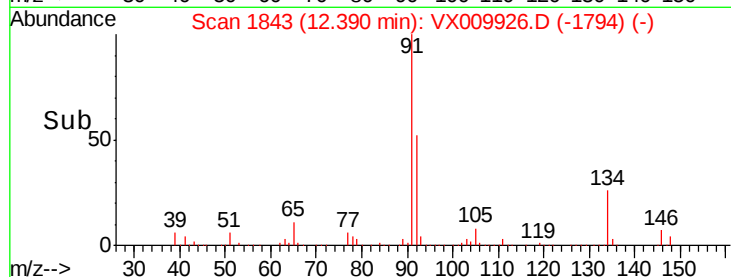
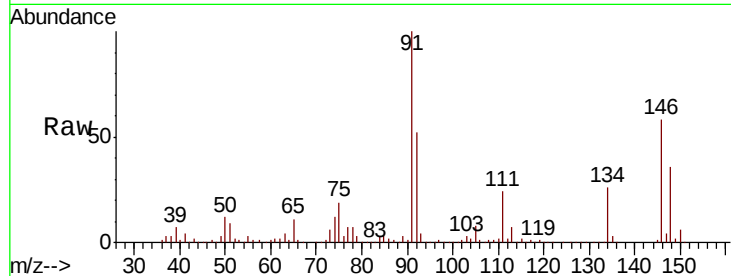




#91
 1,2-Dichlorobenzene
 Concen: 49.537 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

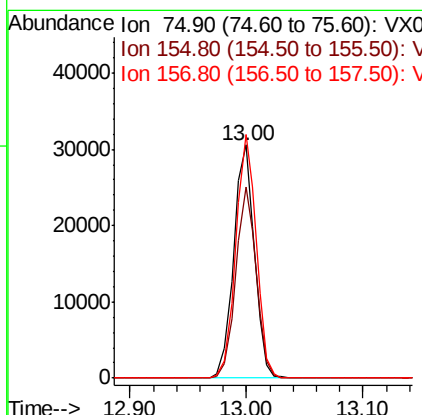
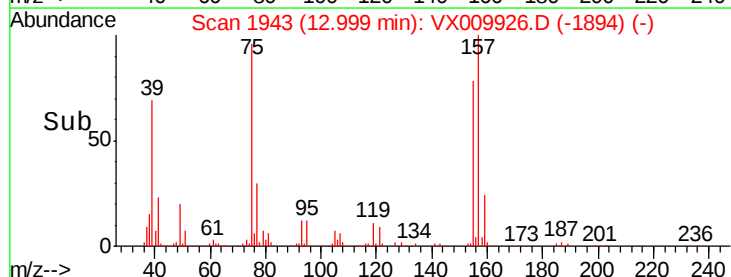
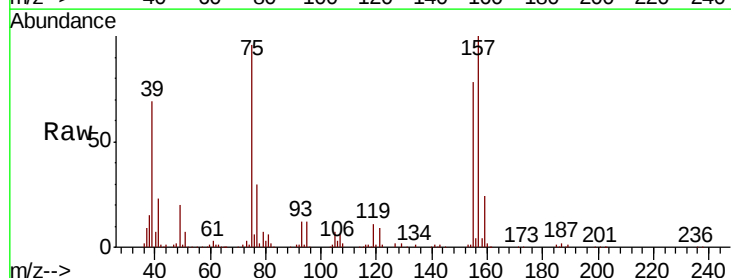
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

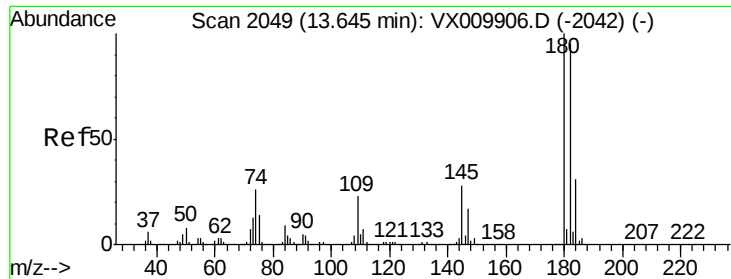
Tot Ion:146 Resp: 194961
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 63.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.278 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion: 75 Resp: 38073
 Ion Ratio Lower Upper
 75 100
 155 80.5 39.3 117.8
 157 102.8 50.6 151.8

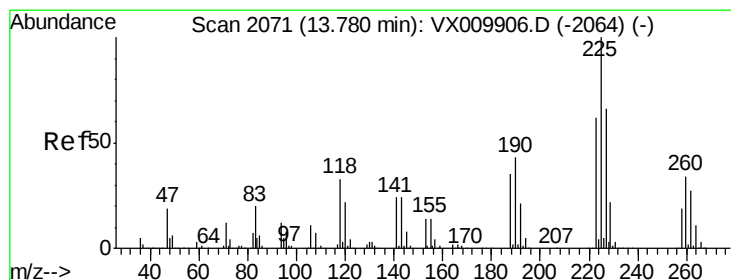
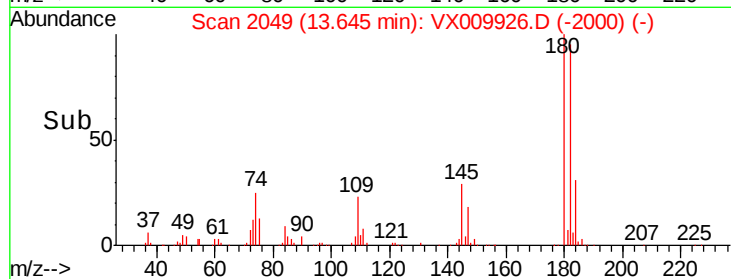
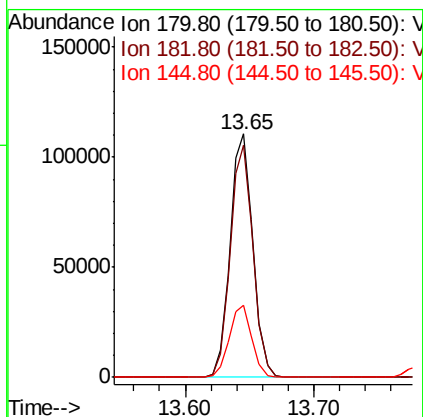
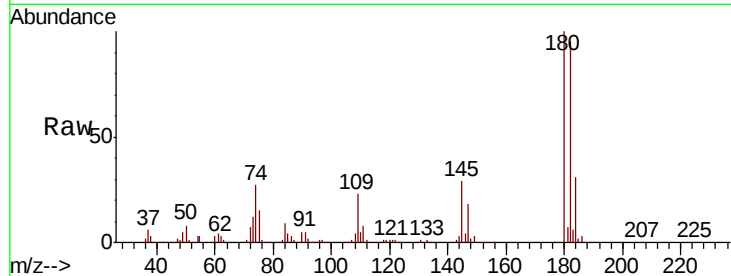




#93
 1,2,4-Trichlorobenzene
 Concen: 48.622 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

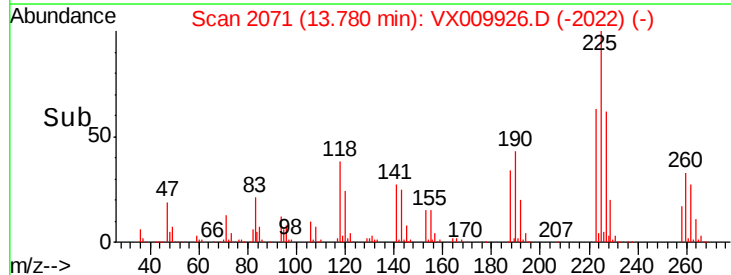
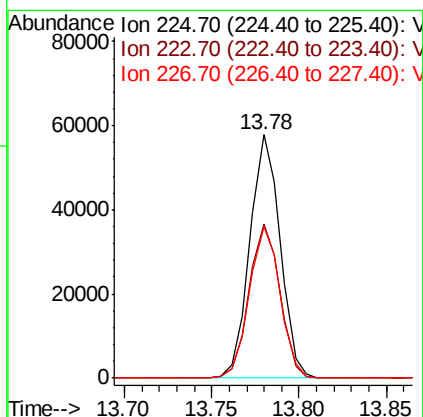
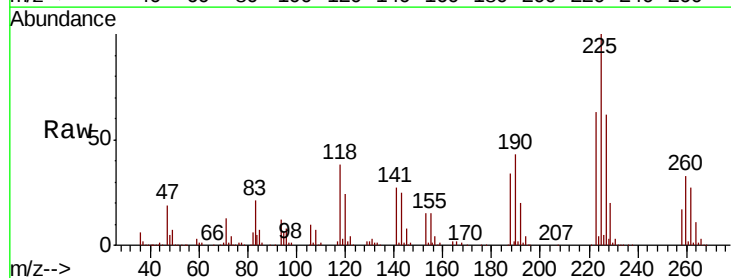
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

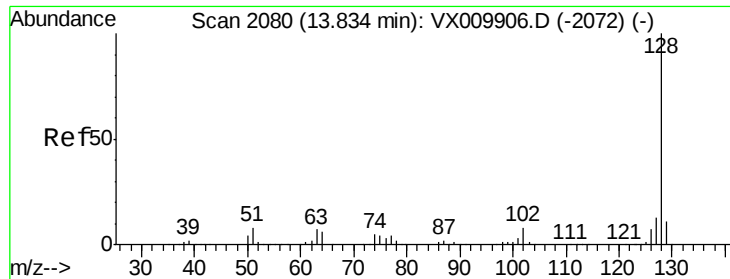
Tot Ion:180 Resp: 136749
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 29.4 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 49.314 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009926.D
 Acq: 28 May 2019 19:40

Tgt Ion:225 Resp: 69567
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.3 93.8
 227 63.1 32.3 96.8

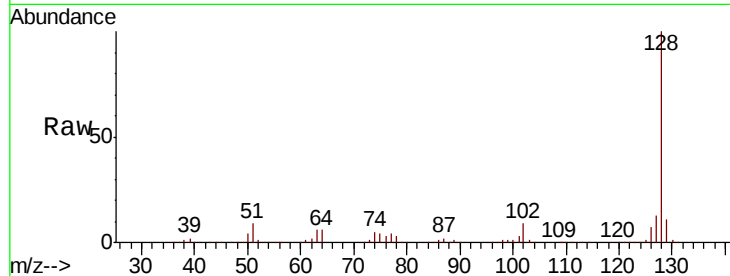




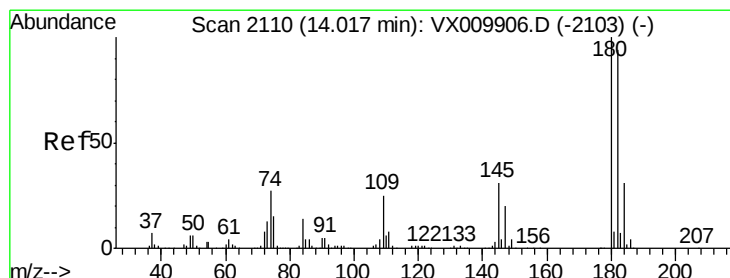
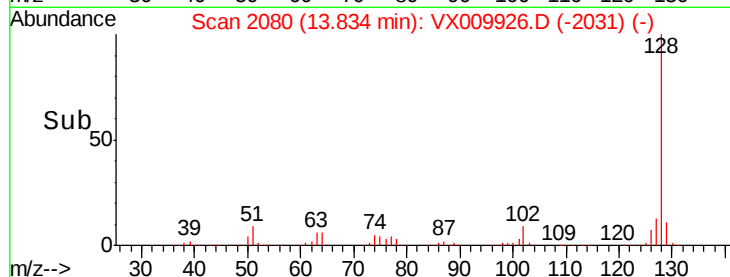
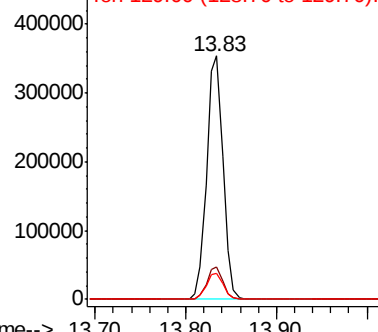
#95
Naphthalene
Concen: 50.494 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 441943
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.8 13.2

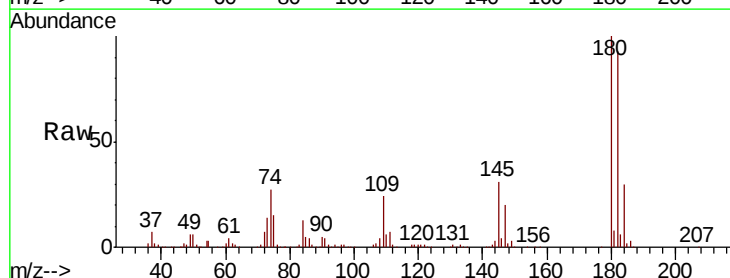


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.687 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009926.D
Acq: 28 May 2019 19:40

Tgt Ion:180 Resp: 137066
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 31.1 15.6 46.7



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

