

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009875.D
 Acq On : 24 May 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 00:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132131	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	110254	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	79194	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	8.71	98	322095	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
62) 4-Bromofluorobenzene	11.13	95	122844	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64761	40.281	ug/l	99
3) Chloromethane	1.32	50	105583	48.102	ug/l	99
4) Vinyl Chloride	1.41	62	97383	45.498	ug/l	98
5) Bromomethane	1.64	94	58362	45.429	ug/l	96
6) Chloroethane	1.71	64	62005	45.121	ug/l	99
7) Trichlorofluoromethane	1.92	101	116011	44.590	ug/l	100
8) Diethyl Ether	2.19	74	56730	46.032	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70460	43.126	ug/l	99
10) Methyl Iodide	2.51	142	85712	45.597	ug/l	97
11) Tert butyl alcohol	3.05	59	132614	240.549	ug/l	99
12) 1,1-Dichloroethene	2.37	96	72682	44.400	ug/l	100
13) Acrolein	2.29	56	110412	221.145	ug/l	99
14) Allyl chloride	2.72	41	191725	48.059	ug/l	98
15) Acrylonitrile	3.14	53	316240	234.606	ug/l	99
16) Acetone	2.45	43	368526	288.167	ug/l	96
17) Carbon Disulfide	2.56	76	213052	46.356	ug/l	99
18) Methyl Acetate	2.77	43	137604	45.244	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	298046	46.886	ug/l	99
20) Methylene Chloride	2.85	84	93221	45.020	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82124	46.259	ug/l	99
22) Diisopropyl ether	3.85	45	370752	48.325	ug/l	97
23) Vinyl Acetate	3.81	43	1668840	254.023	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174837	46.196	ug/l	99
25) 2-Butanone	4.67	43	523757	263.550	ug/l	96
26) 2,2-Dichloropropane	4.57	77	131330	46.619	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96764	45.664	ug/l	97
28) Bromochloromethane	5.01	49	90270	59.787	ug/l	96
29) Tetrahydrofuran	5.12	42	312768	244.574	ug/l	97
30) Chloroform	5.21	83	159137	46.490	ug/l	99
31) Cyclohexane	5.57	56	162726	46.214	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	127445	44.725	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120458	46.624	ug/l	99
37) Ethyl Acetate	4.83	43	179422	49.843	ug/l	99
38) Carbon Tetrachloride	5.78	117	105900	45.114	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149512	47.121	ug/l	96
40) Benzene	6.14	78	372816	46.626	ug/l	99
41) Methacrylonitrile	5.04	41	102963	48.050	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139648	48.687	ug/l	99
43) Isopropyl Acetate	6.44	43	288955	50.183	ug/l	98
44) Trichloroethene	7.21	130	88557	45.813	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107543	47.499	ug/l	99
46) Dibromomethane	7.66	93	61481	46.761	ug/l	99
47) Bromodichloromethane	7.90	83	125843	47.983	ug/l	97
48) Methyl methacrylate	7.77	41	147077	51.485	ug/l	97
49) 1,4-Dioxane	7.74	88	52869	912.584	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	964669	256.318	ug/l	98
52) Toluene	8.78	92	231511	47.631	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	150225	50.734	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	161230	49.195	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93963	47.386	ug/l	99
56) Ethyl methacrylate	9.18	69	174835	49.393	ug/l	95
57) 1,3-Dichloropropane	9.37	76	166794	47.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	448845	239.030	ug/l	99
59) 2-Hexanone	9.49	43	782029	264.570	ug/l	97
60) Dibromochloromethane	9.58	129	93545	48.301	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95482	47.702	ug/l	100
64) Tetrachloroethene	9.34	164	81486	45.937	ug/l	99
65) Chlorobenzene	10.13	112	239759	46.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	86769	46.265	ug/l	99
67) Ethyl Benzene	10.25	91	447671	47.022	ug/l	99
68) m/p-Xylenes	10.36	106	330895	95.109	ug/l	97
69) o-Xylene	10.69	106	159181	46.373	ug/l	98
70) Styrene	10.71	104	287094	48.120	ug/l	99
71) Bromoform	10.85	173	72919	47.844	ug/l #	98
73) Isopropylbenzene	11.02	105	425971	44.333	ug/l	99
74) N-amyl acetate	10.90	43	268848	47.993	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	155325	43.364	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188670	61.557	ug/l	81
77) Bromobenzene	11.26	156	107816	45.209	ug/l	99
78) n-propylbenzene	11.36	91	509592	46.439	ug/l	100
79) 2-Chlorotoluene	11.42	91	303142	44.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373025	46.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55985	46.736	ug/l	97
82) 4-Chlorotoluene	11.51	91	356449	46.606	ug/l	99
83) tert-Butylbenzene	11.77	119	348097	44.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	376553	46.370	ug/l	100
85) sec-Butylbenzene	11.94	105	423649	45.404	ug/l	100
86) p-Isopropyltoluene	12.06	119	392880	46.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196168	46.142	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	196314	45.801	ug/l	100
89) n-Butylbenzene	12.38	91	372595	49.144	ug/l	99
90) Hexachloroethane	12.59	117	65679	45.959	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190408	43.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35627	44.339	ug/l	95

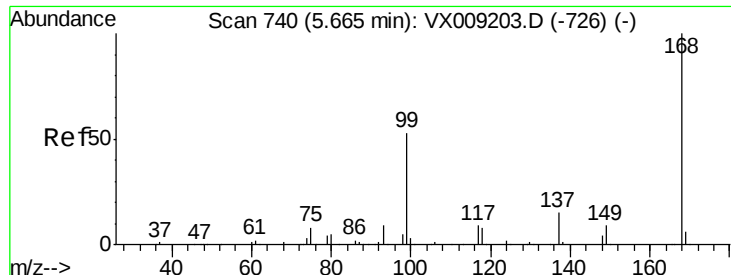
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141088	47.646	ug/l	99
94) Hexachlorobutadiene	13.78	225	70707	46.759	ug/l	100
95) Naphthalene	13.83	128	433572	45.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138345	46.090	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

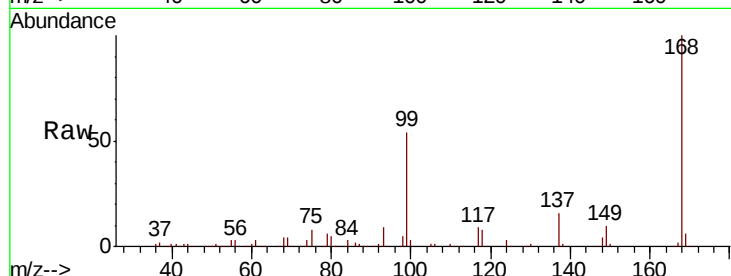
VSTDCCC050

Tot Ion:168 Resp: 174466

Ion Ratio Lower Upper

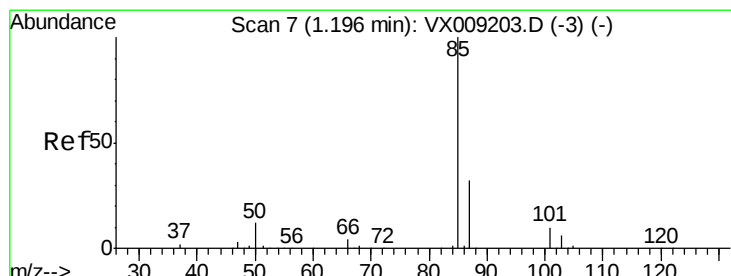
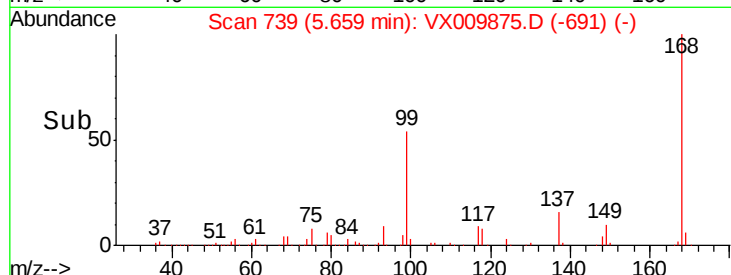
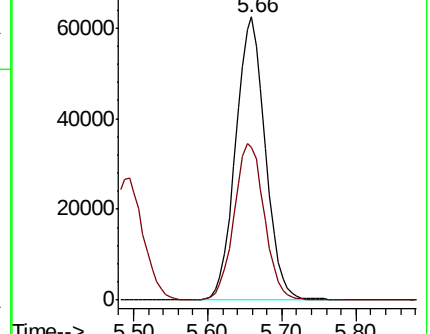
168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.281 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009875.D

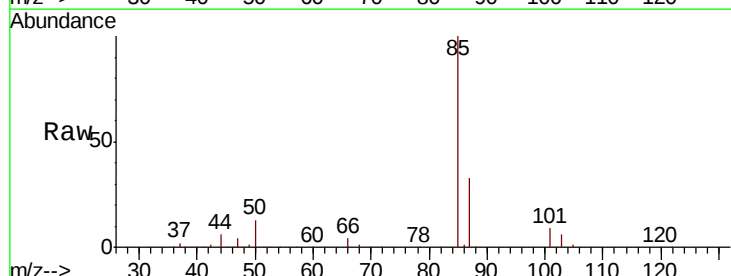
Acq: 24 May 2019 09:44

Tgt Ion: 85 Resp: 64761

Ion Ratio Lower Upper

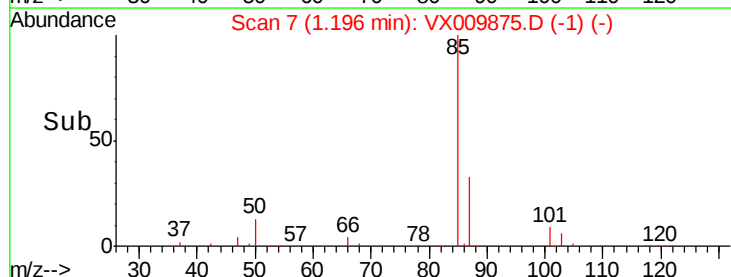
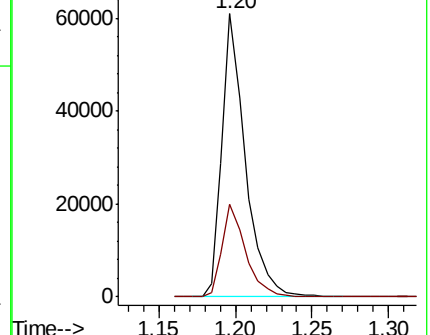
85 100

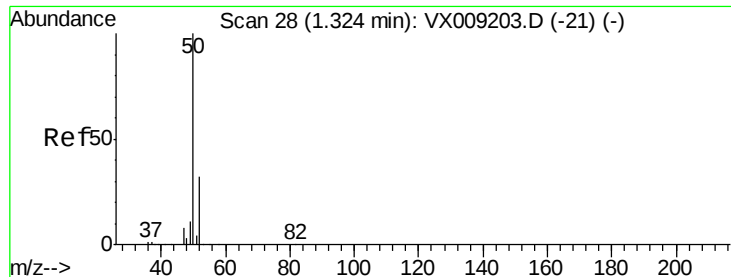
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

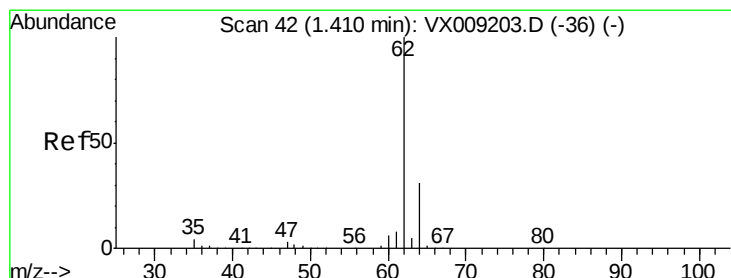
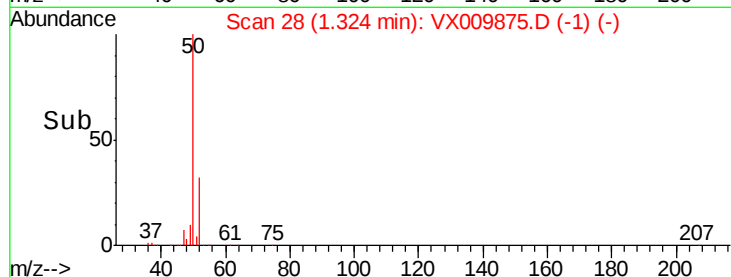
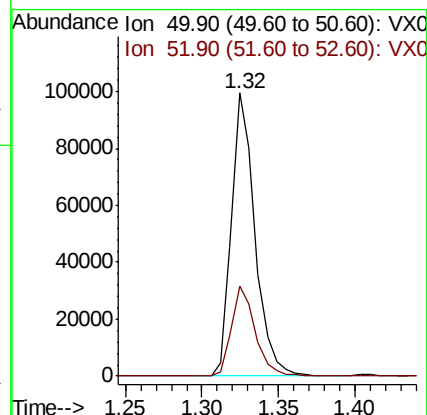
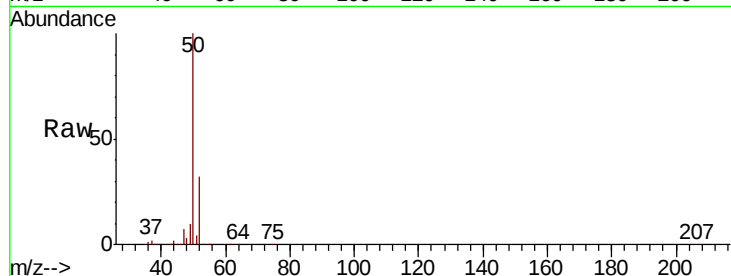
VSTDCCC050

Tot Ion: 50 Resp: 105583

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 45.498 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009875.D

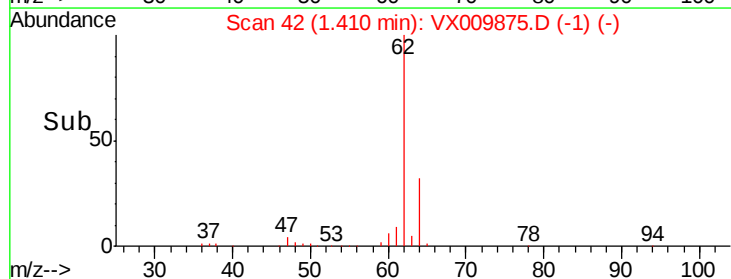
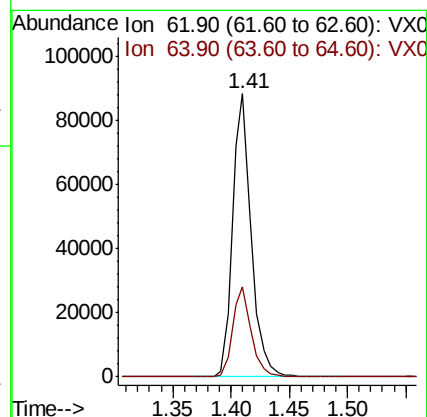
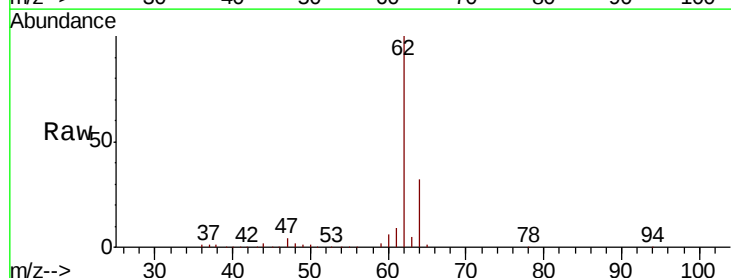
Acq: 24 May 2019 09:44

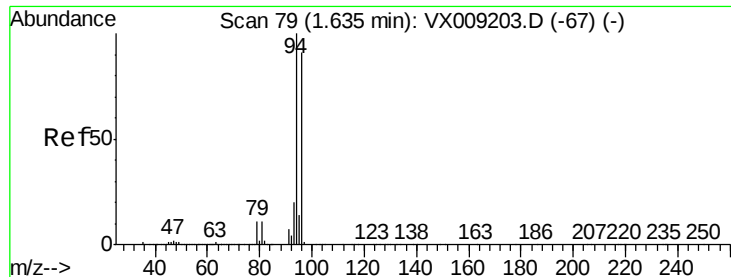
Tgt Ion: 62 Resp: 97383

Ion Ratio Lower Upper

62 100

64 31.7 24.6 36.8





#5

Bromomethane

Concen: 45.429 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

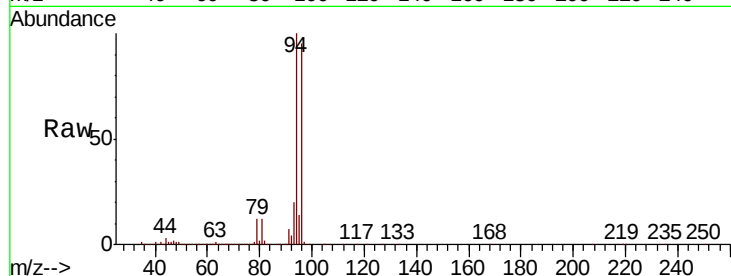
VSTDCCC050

Tot Ion: 94 Resp: 58362

Ion Ratio Lower Upper

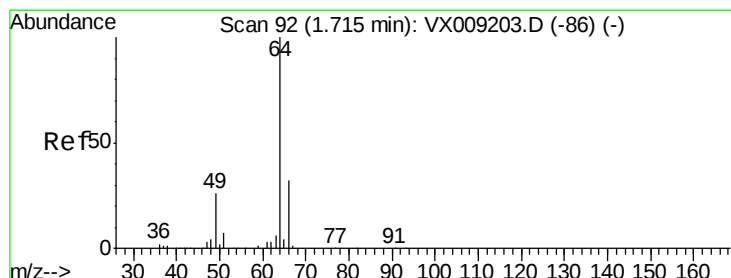
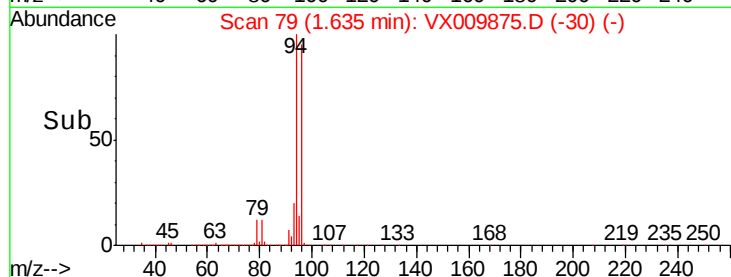
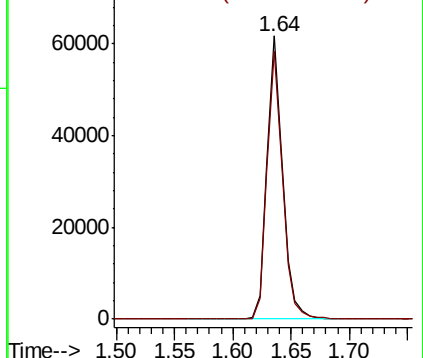
94 100

96 94.7 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.121 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009875.D

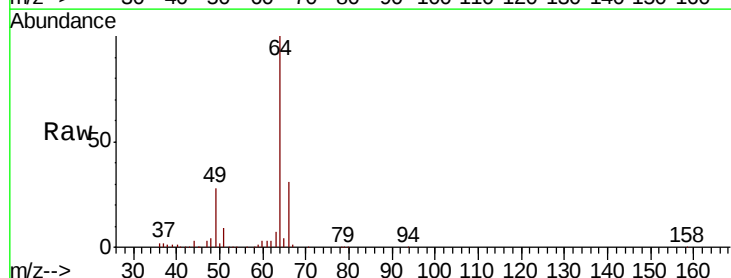
Acq: 24 May 2019 09:44

Tgt Ion: 64 Resp: 62005

Ion Ratio Lower Upper

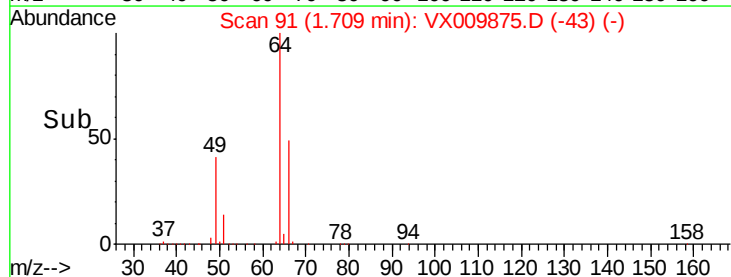
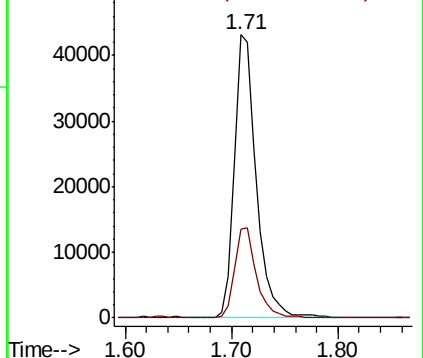
64 100

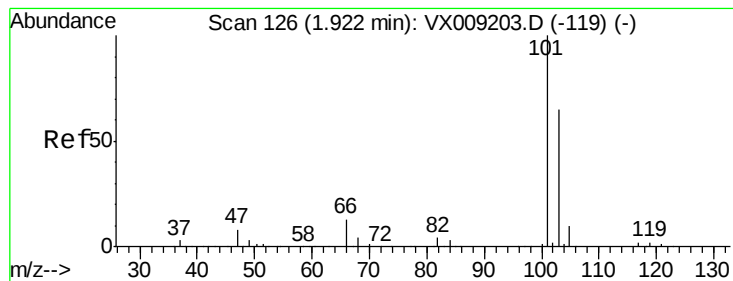
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



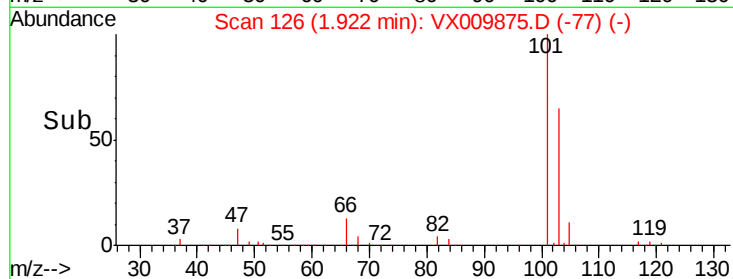
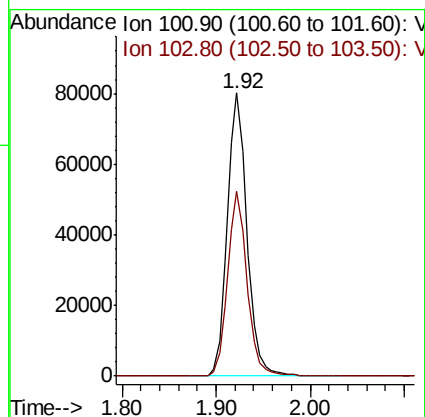
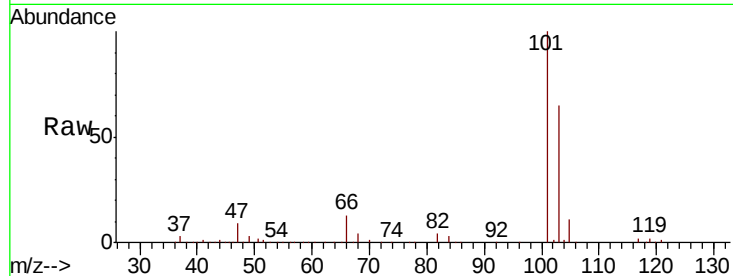


#7

Trichlorofluoromethane
 Concen: 44.590 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

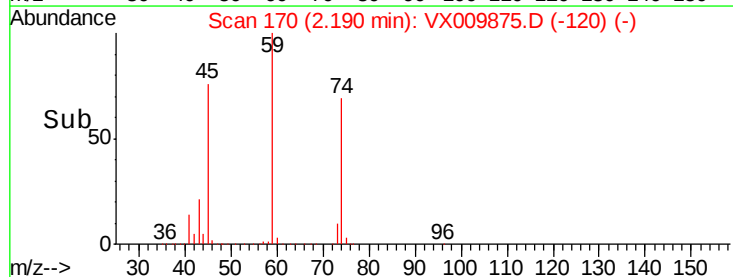
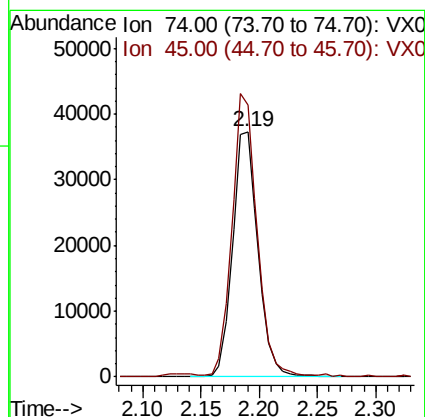
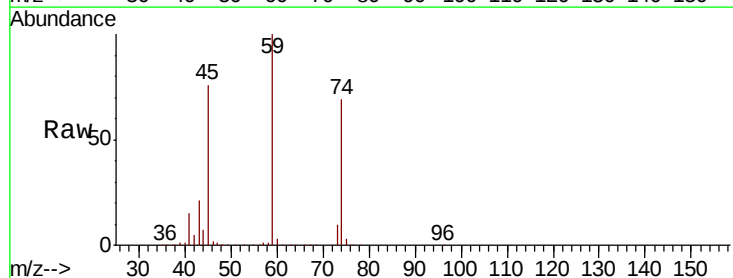
Tot Ion:101 Resp: 116011
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.4 78.6



#8

Diethyl Ether
 Concen: 46.032 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion: 74 Resp: 56730
 Ion Ratio Lower Upper
 74 100
 45 113.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

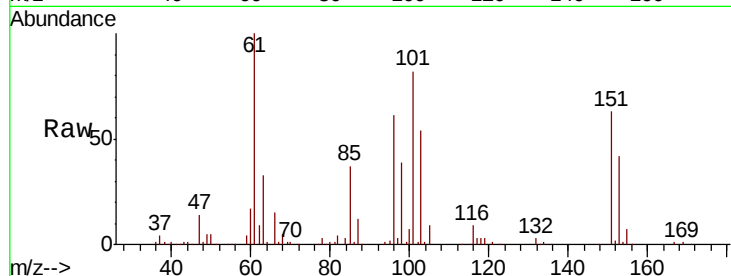
Tot Ion:101 Resp: 70460

Ion Ratio Lower Upper

101 100

85 45.5 35.7 53.5

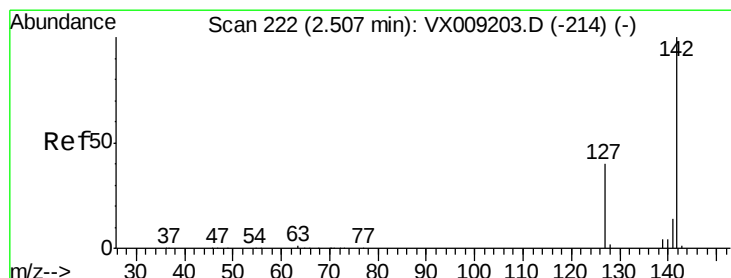
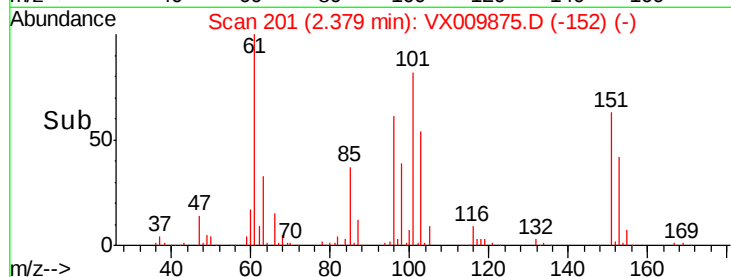
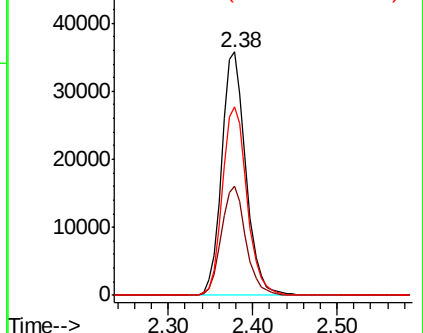
151 79.0 62.2 93.2



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: 45.597 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

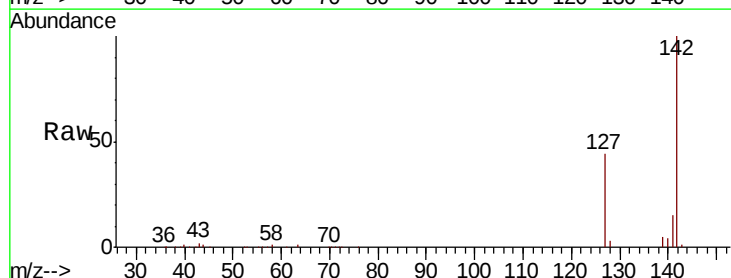
Tgt Ion:142 Resp: 85712

Ion Ratio Lower Upper

142 100

127 42.9 32.7 49.1

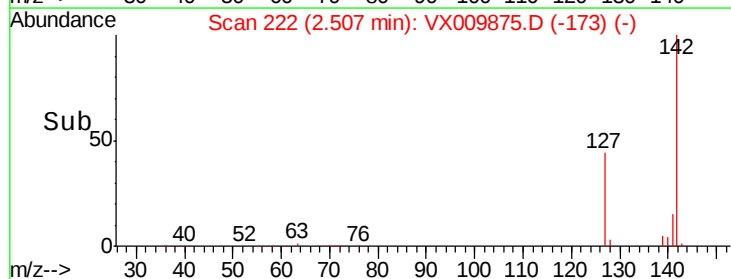
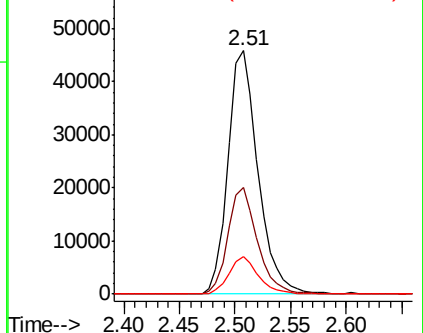
141 14.9 11.5 17.3

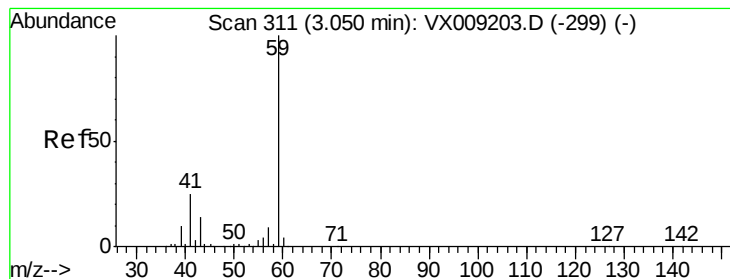


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



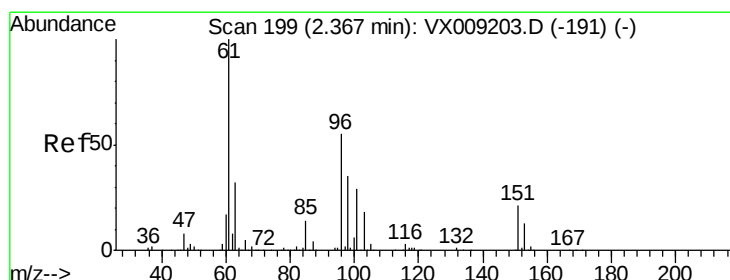
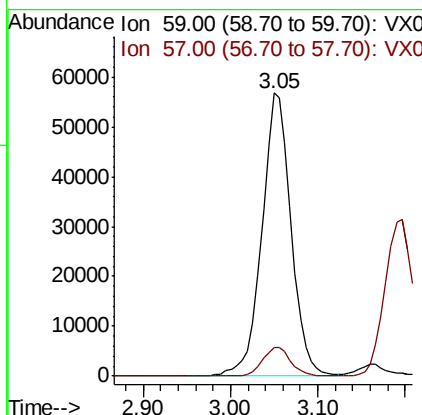
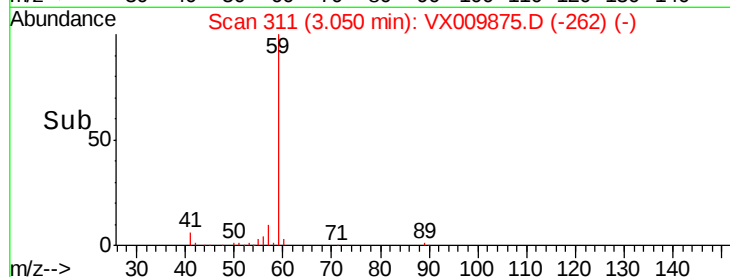
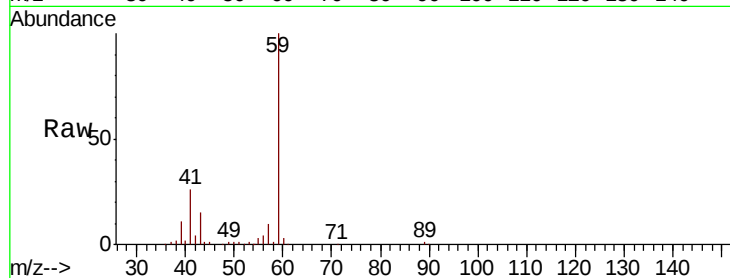


#11

Tert butyl alcohol
Concen: 240.549 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

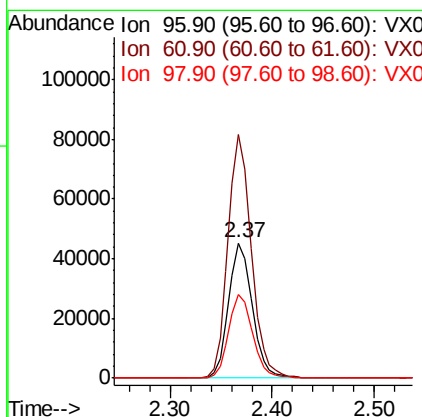
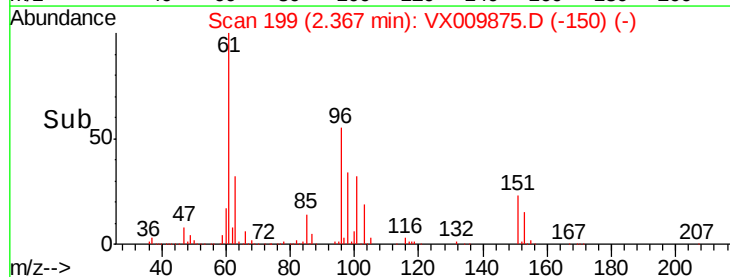
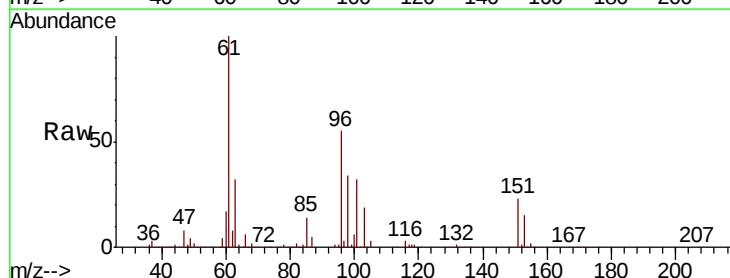
Tot Ion: 59 Resp: 132614
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

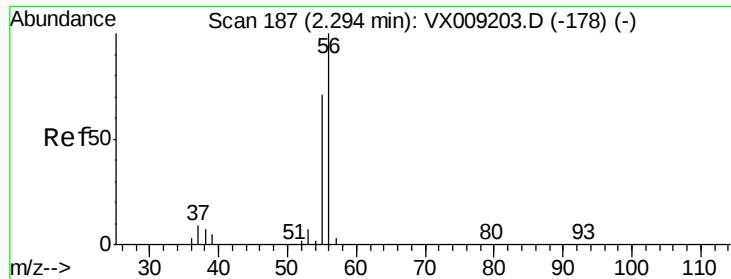


#12

1,1-Dichloroethene
Concen: 44.400 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 96 Resp: 72682
Ion Ratio Lower Upper
96 100
61 180.4 144.3 216.5
98 62.1 50.3 75.5

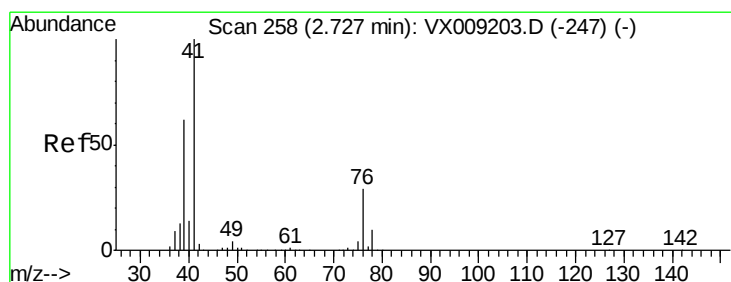
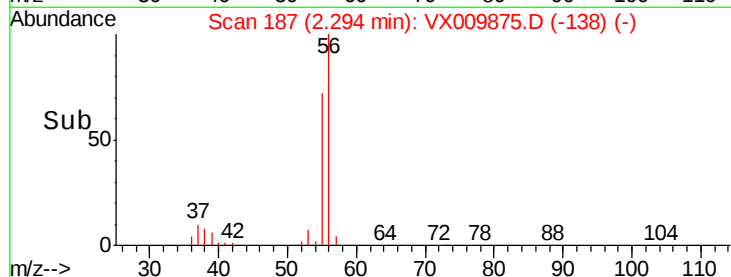
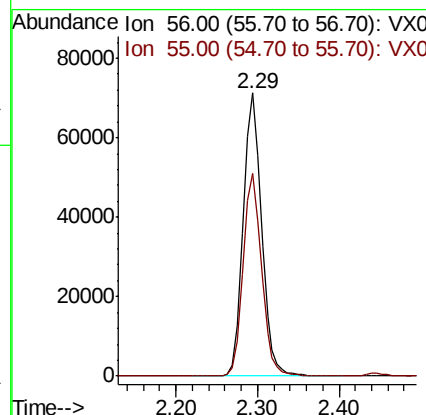
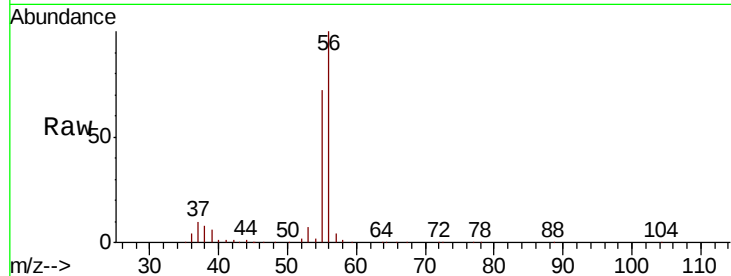




#13
Acrolein
Concen: 221.145 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

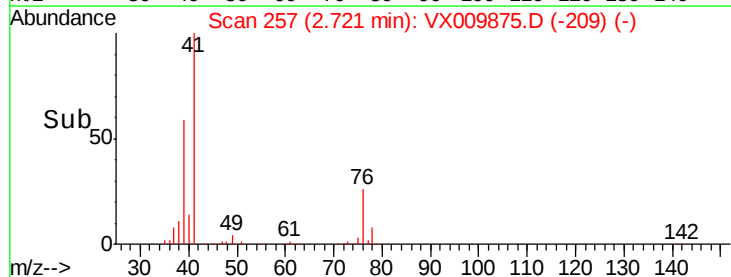
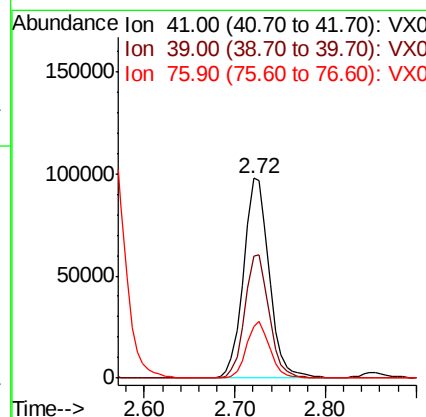
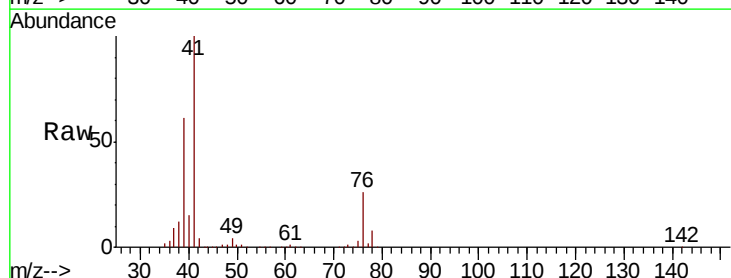
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 110412
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0



#14
Allyl chloride
Concen: 48.059 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 41 Resp: 191725
Ion Ratio Lower Upper
41 100
39 59.0 46.7 70.1
76 25.7 21.8 32.8





#15

Acrylonitrile

Concen: 234.606 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

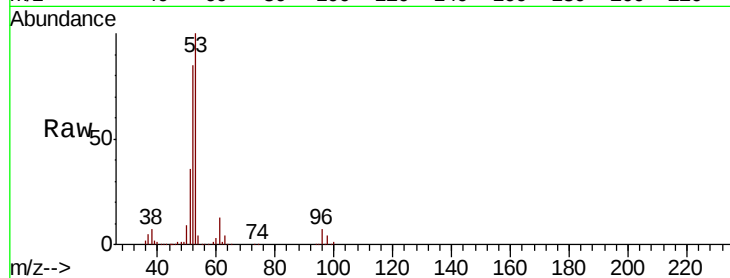
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 316240

Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.9	100.3
51	35.8	28.2	42.2

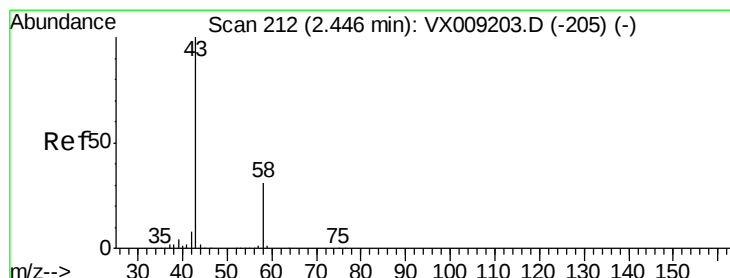
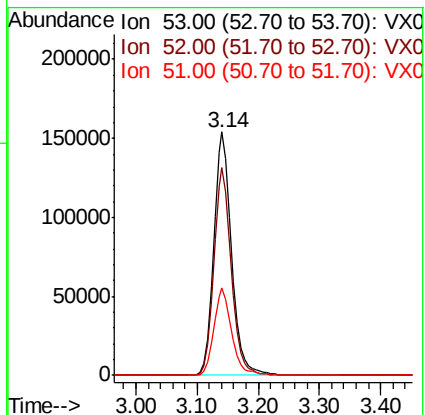
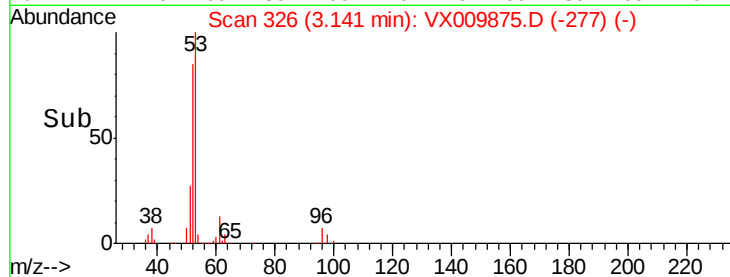


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 288.167 ug/l

RT: 2.45 min Scan# 212

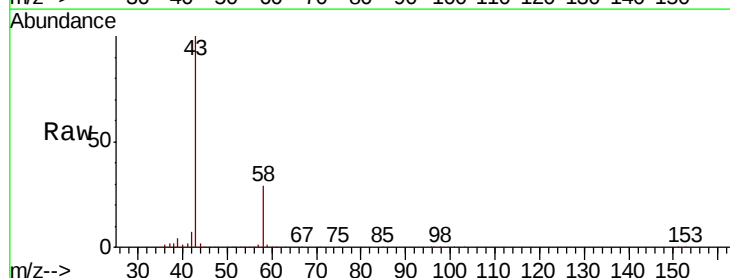
Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Tgt Ion: 43 Resp: 368526

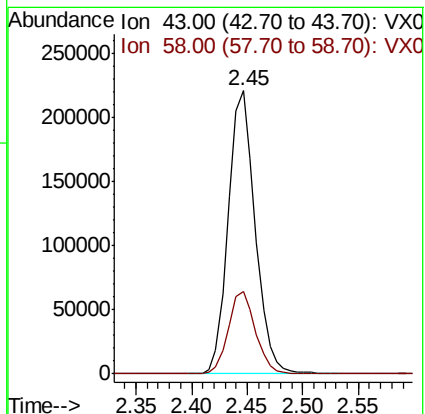
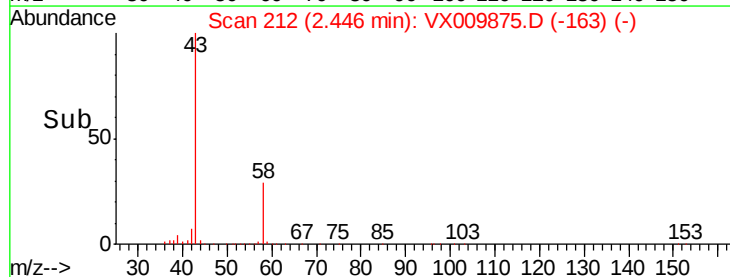
Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.9	37.3

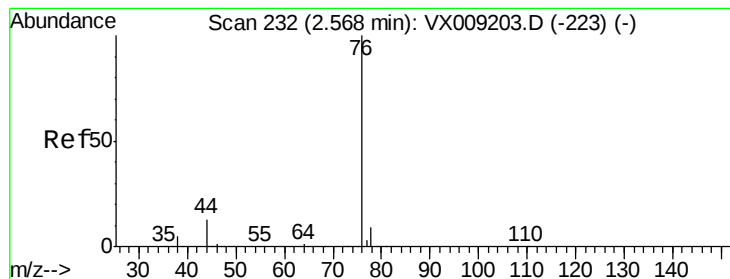


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.356 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

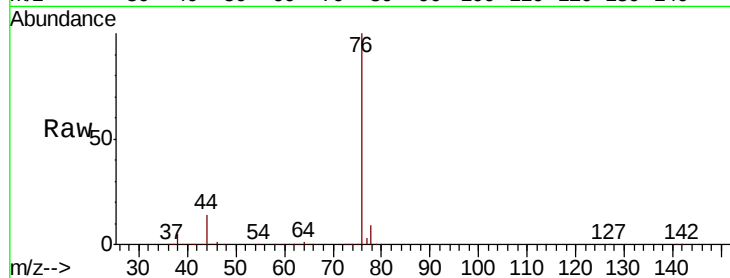
VSTDCCC050

Tot Ion: 76 Resp: 213052

Ion Ratio Lower Upper

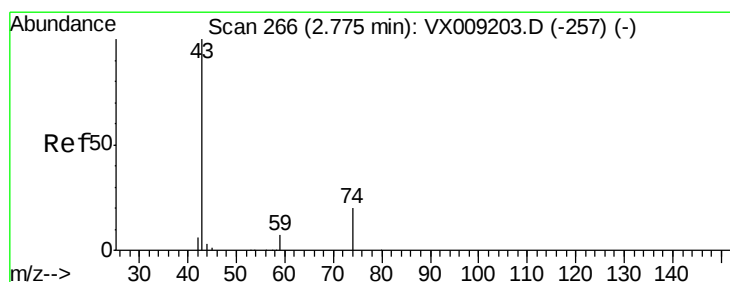
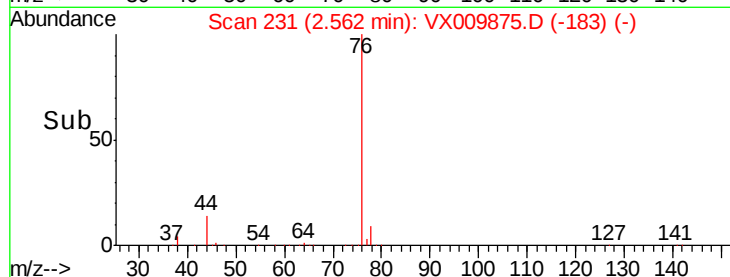
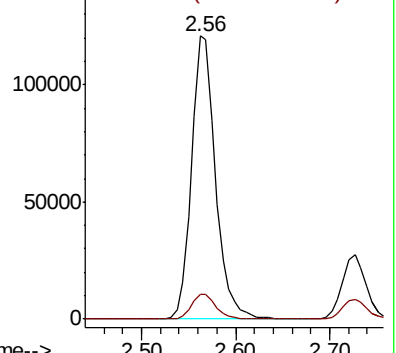
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.244 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009875.D

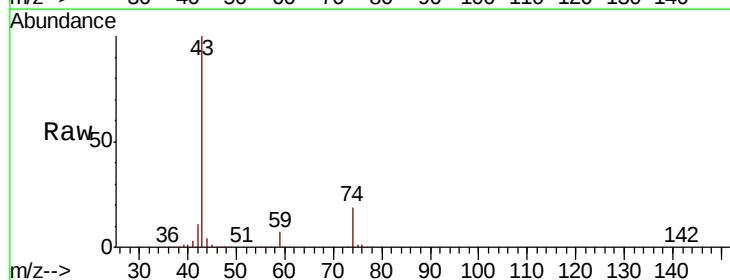
Acq: 24 May 2019 09:44

Tgt Ion: 43 Resp: 137604

Ion Ratio Lower Upper

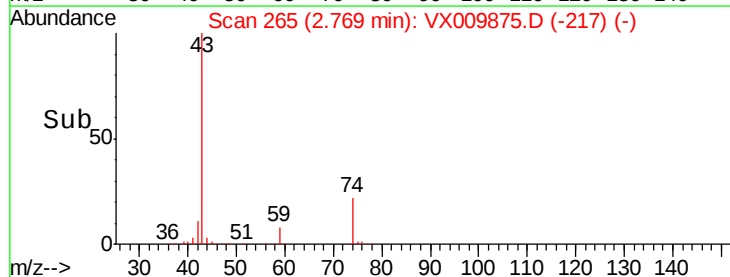
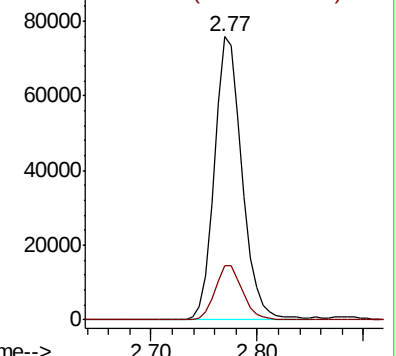
43 100

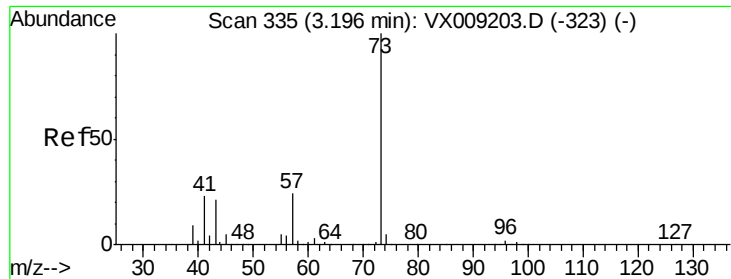
74 19.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

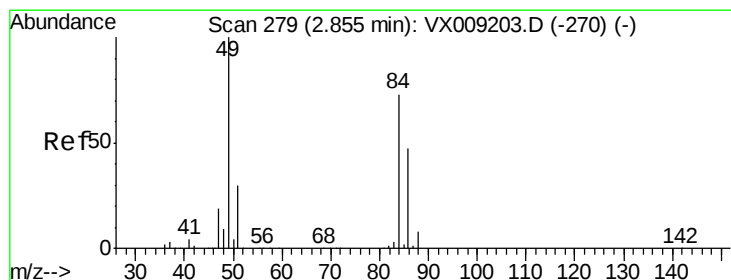
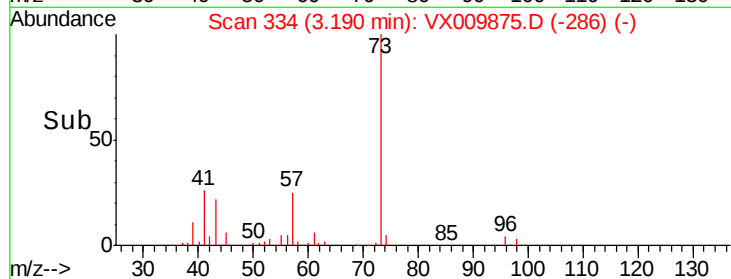
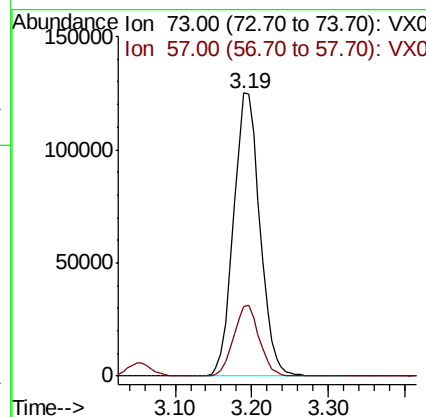
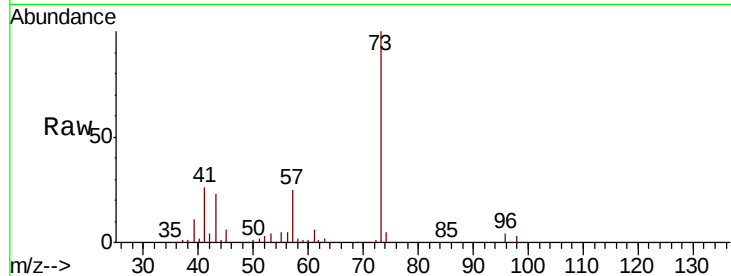




#19
Methyl tert-butyl Ether
Concen: 46.886 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

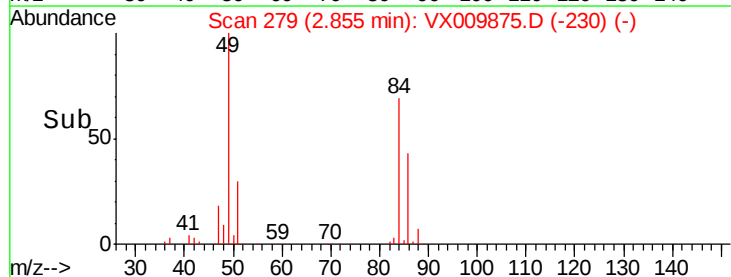
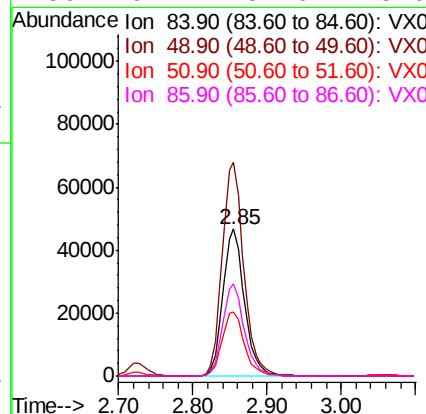
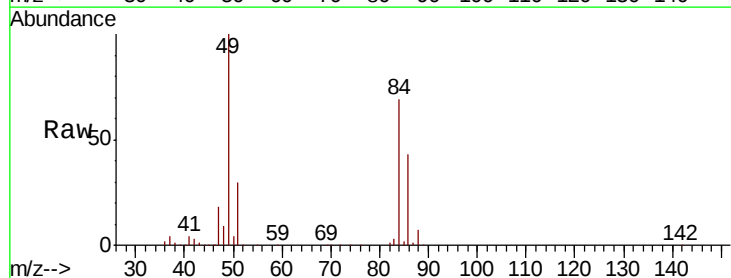
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

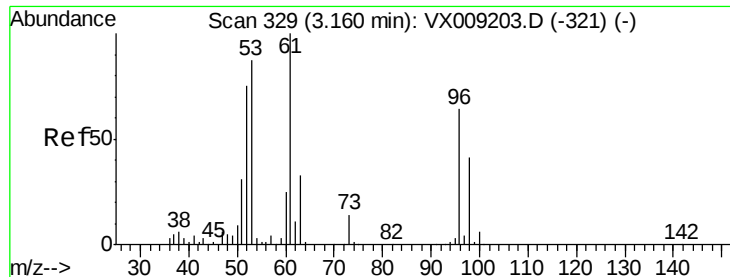
Tot Ion: 73 Resp: 298046
Ion Ratio Lower Upper
73 100
57 24.7 19.3 28.9



#20
Methylene Chloride
Concen: 45.020 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 84 Resp: 93221
Ion Ratio Lower Upper
84 100
49 145.3 109.9 164.9
51 43.3 32.7 49.1
86 62.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.259 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

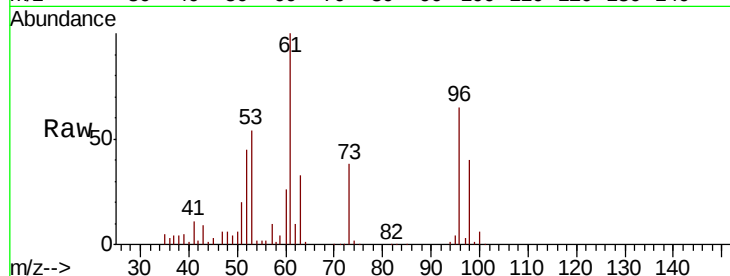
Tot Ion: 96 Resp: 82124

Ion Ratio Lower Upper

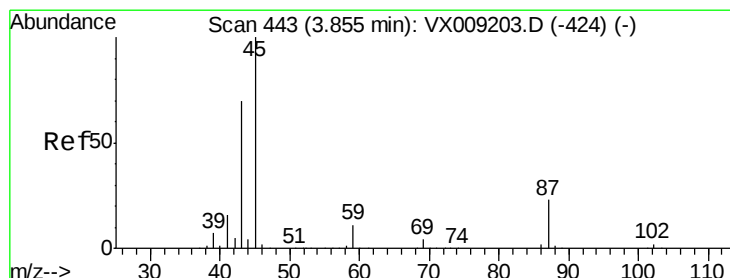
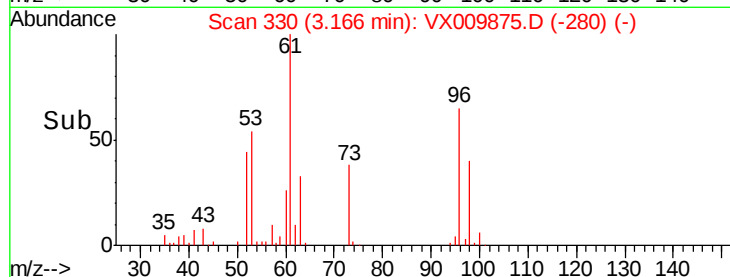
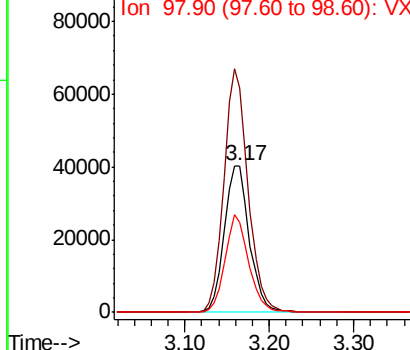
96 100

61 153.7 124.5 186.7

98 61.8 50.4 75.6



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: 48.325 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Tgt Ion: 45 Resp: 370752

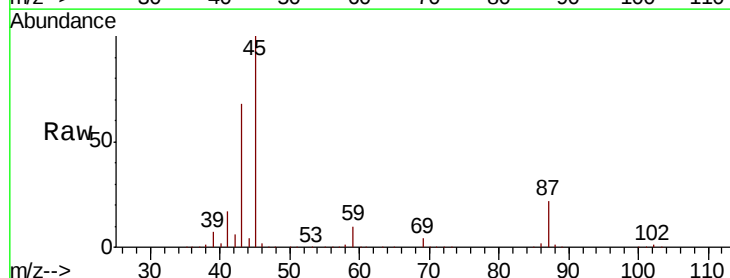
Ion Ratio Lower Upper

45 100

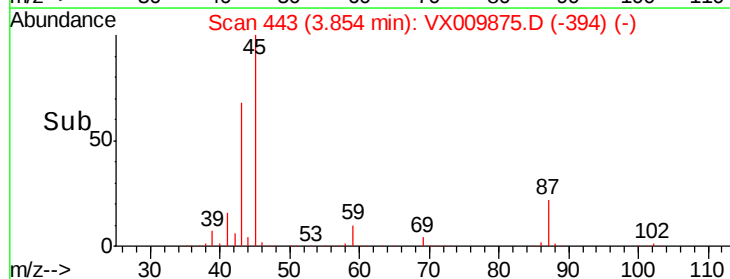
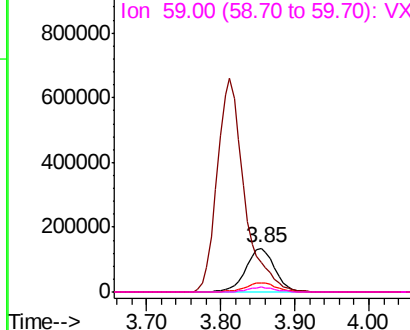
43 67.5 56.1 84.1

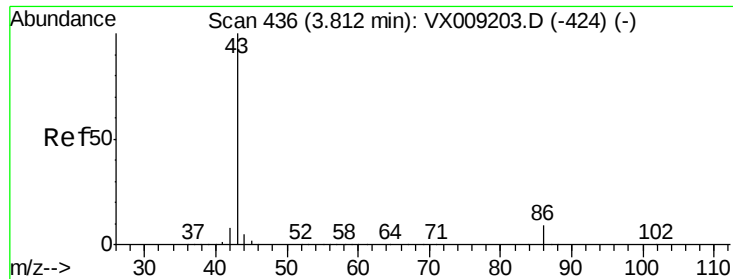
87 21.6 18.1 27.1

59 10.4 8.5 12.7



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: 254.023 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

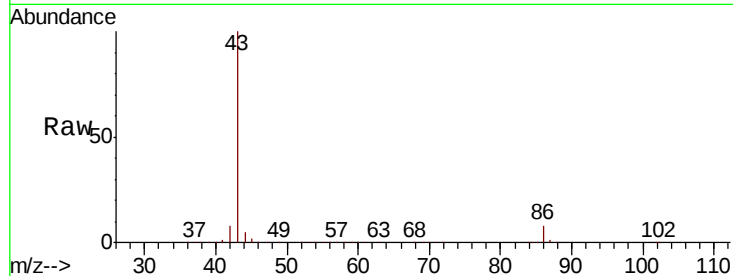
VSTDCCC050

Tot Ion: 43 Resp: 1668840

Ion Ratio Lower Upper

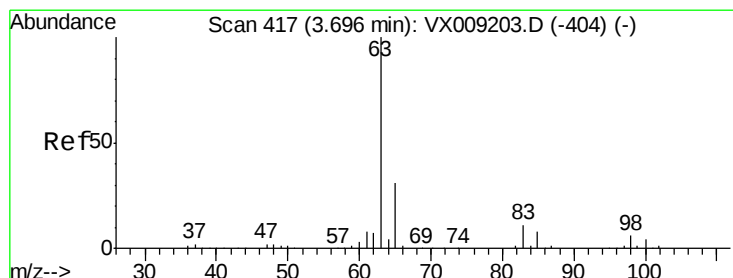
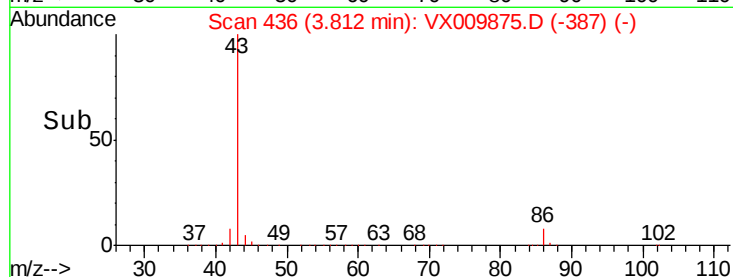
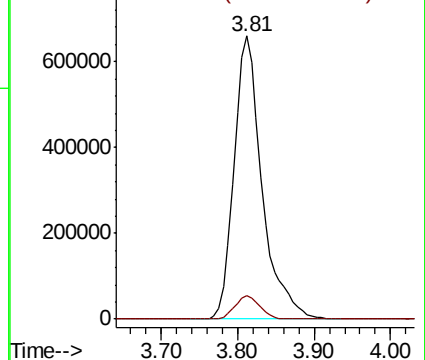
43 100

86 8.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.196 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

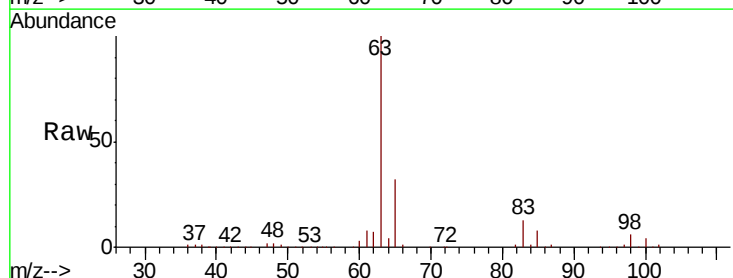
Tgt Ion: 63 Resp: 174837

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

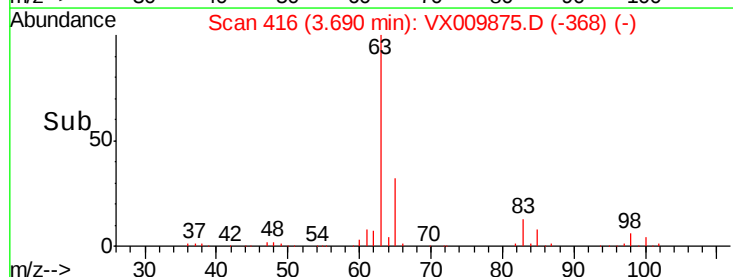
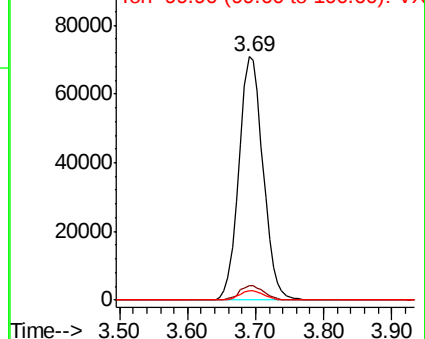
100 3.9 2.0 6.0



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: 263.550 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

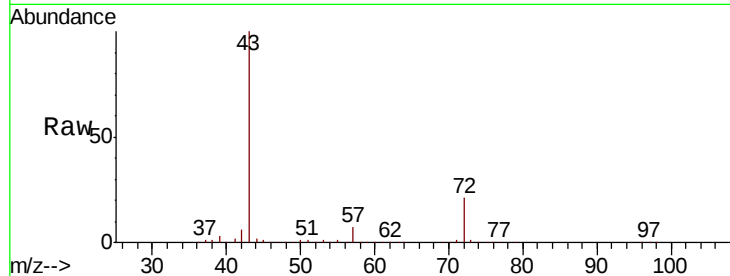
VSTDCCC050

Tot Ion: 43 Resp: 523757

Ion Ratio Lower Upper

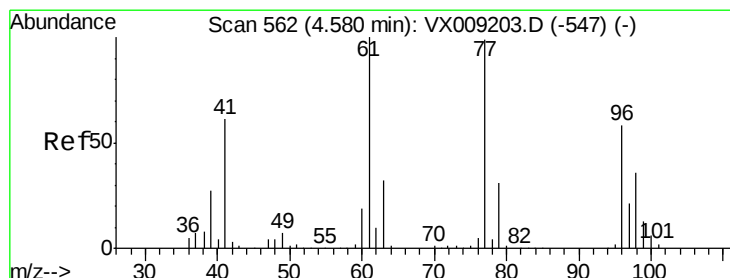
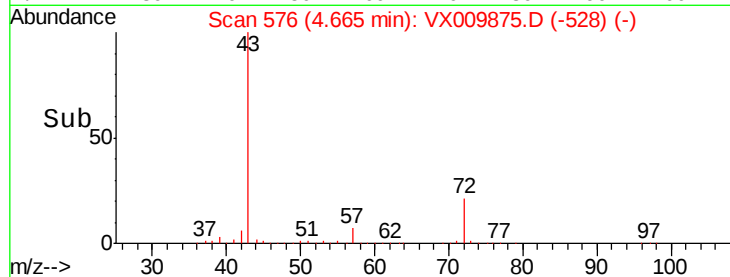
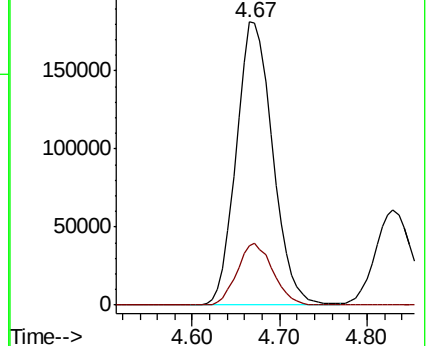
43 100

72 20.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.619 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009875.D

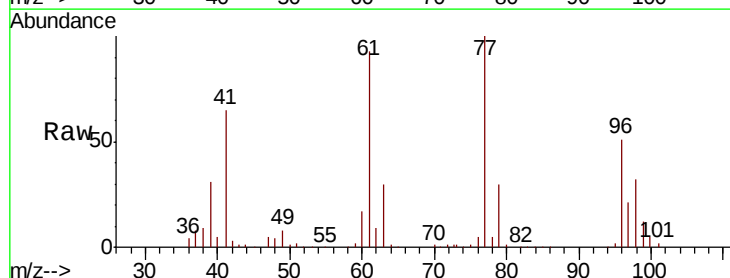
Acq: 24 May 2019 09:44

Tgt Ion: 77 Resp: 131330

Ion Ratio Lower Upper

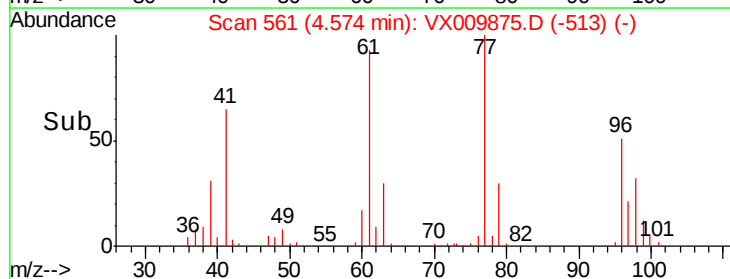
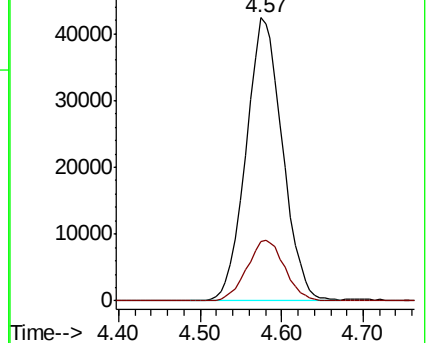
77 100

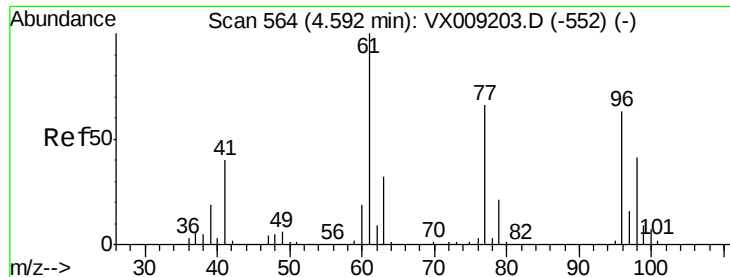
97 22.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



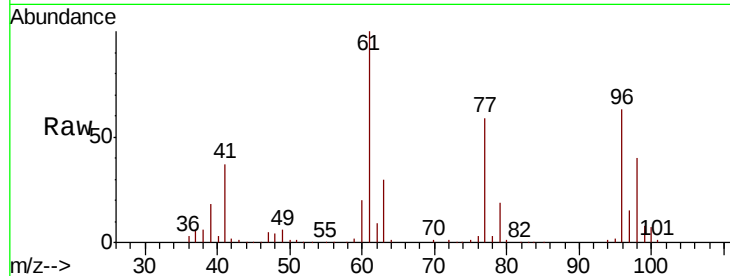


#27

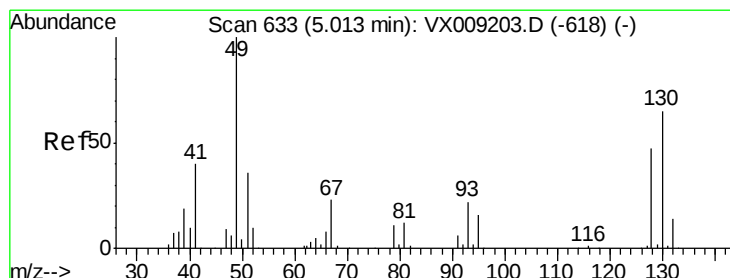
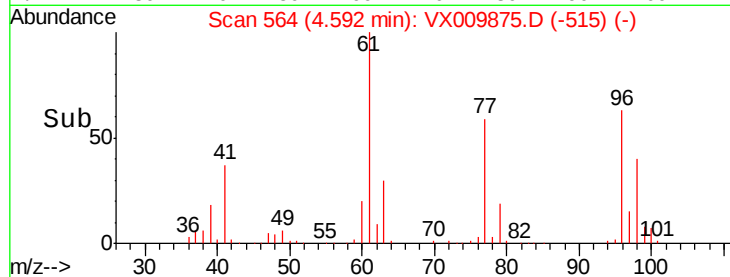
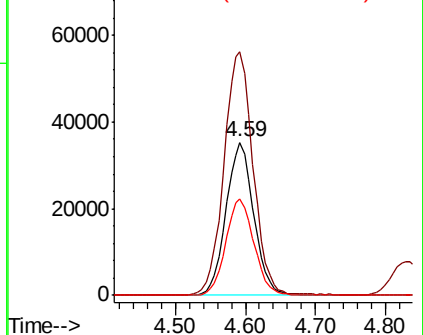
cis-1,2-Dichloroethene
Concen: 45.664 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 96764
Ion Ratio Lower Upper
96 100
61 167.3 0.0 324.0
98 63.9 0.0 130.4



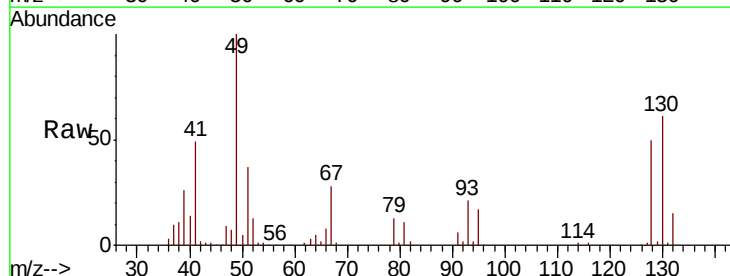
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



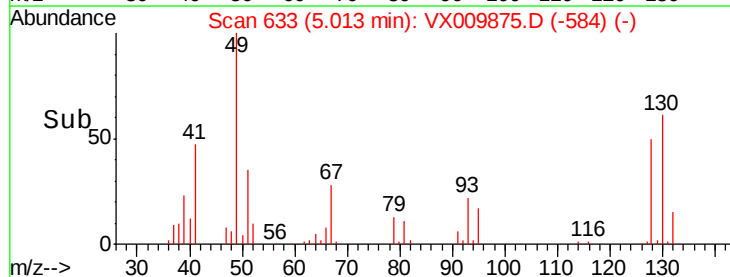
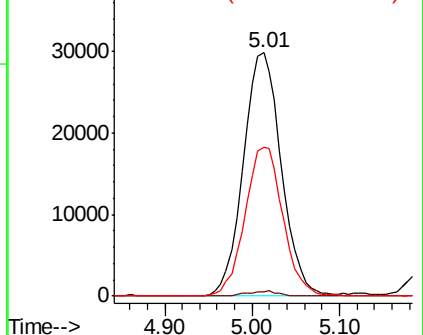
#28

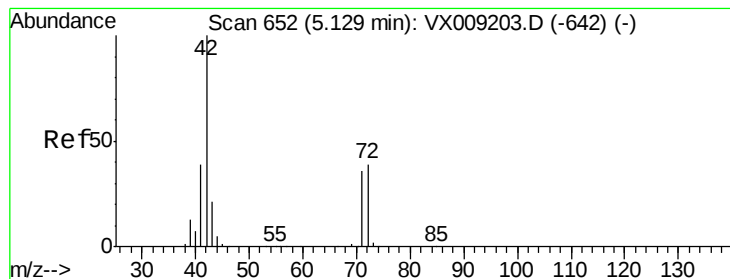
Bromochloromethane
Concen: 59.787 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 49 Resp: 90270
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 61.0 51.2 76.8



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: 244.574 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

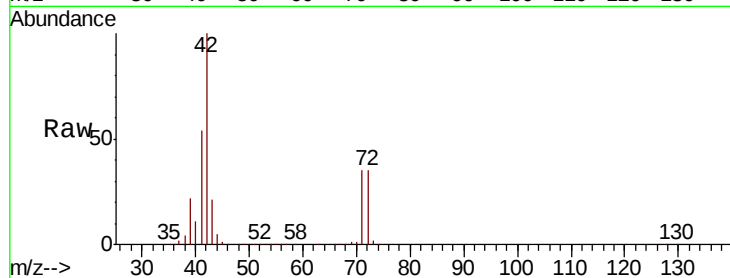
Tot Ion: 42 Resp: 312768

Ion Ratio Lower Upper

42 100

72 35.9 30.4 45.6

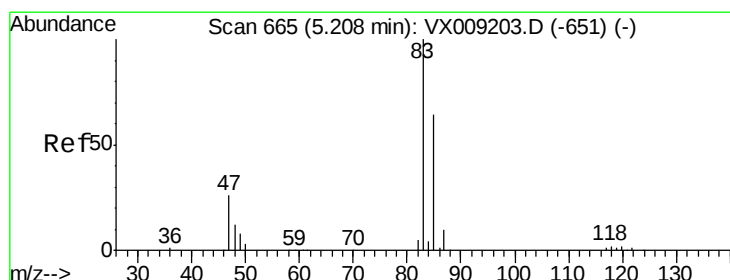
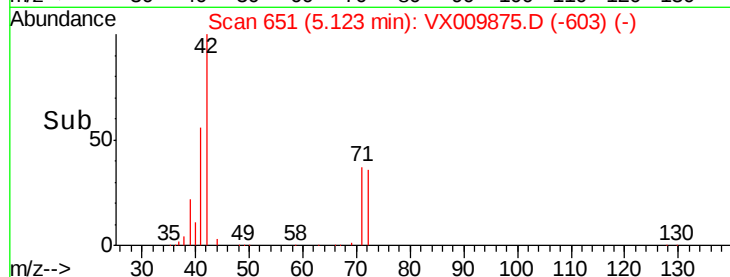
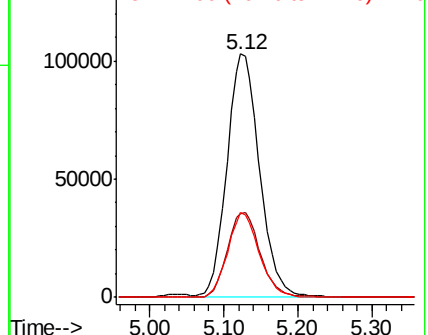
71 34.0 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.490 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009875.D

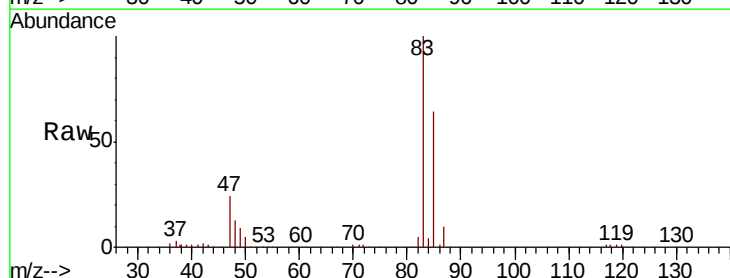
Acq: 24 May 2019 09:44

Tgt Ion: 83 Resp: 159137

Ion Ratio Lower Upper

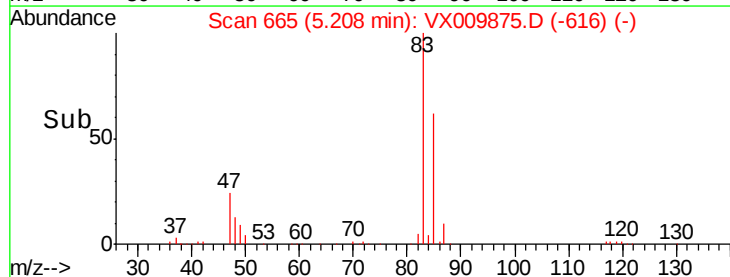
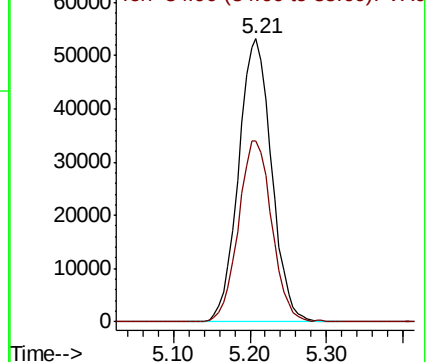
83 100

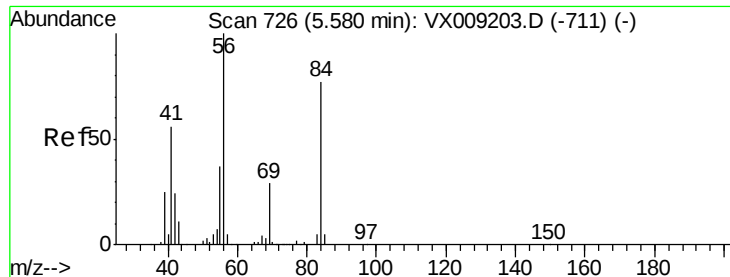
85 63.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

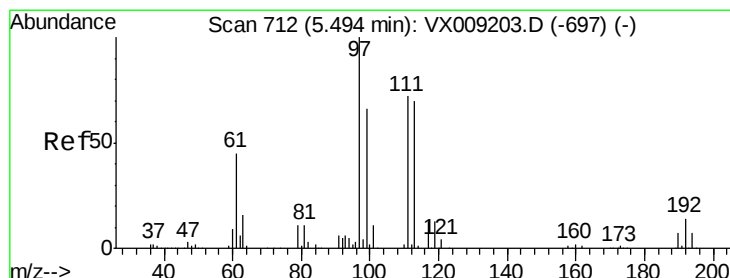
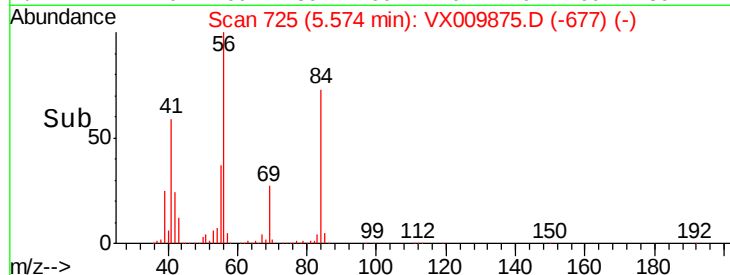
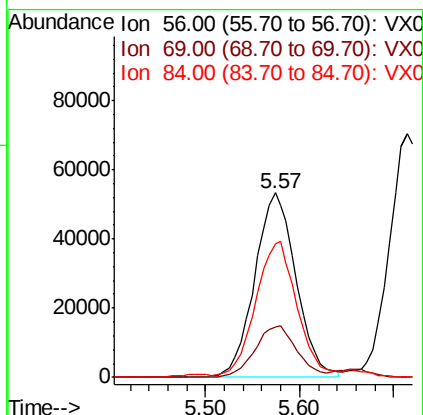
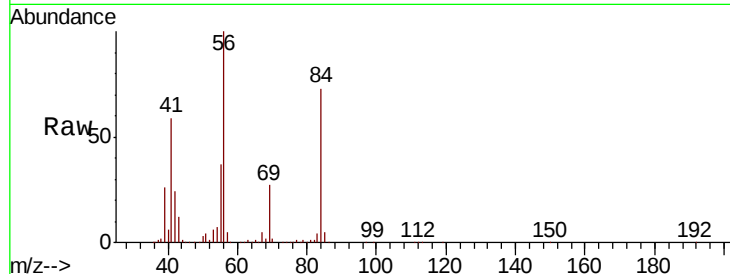




#31
Cyclohexane
Concen: 46.214 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

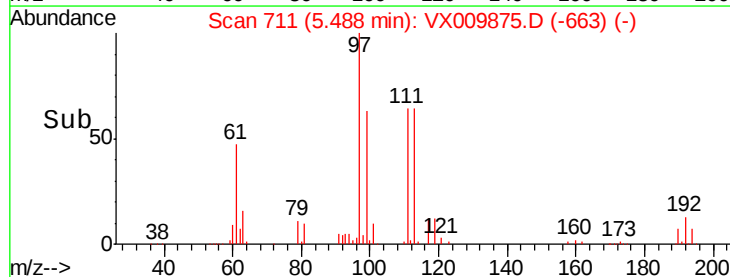
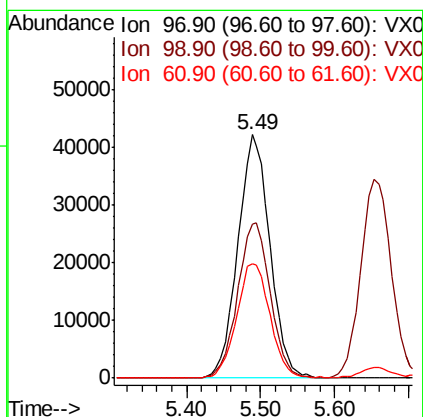
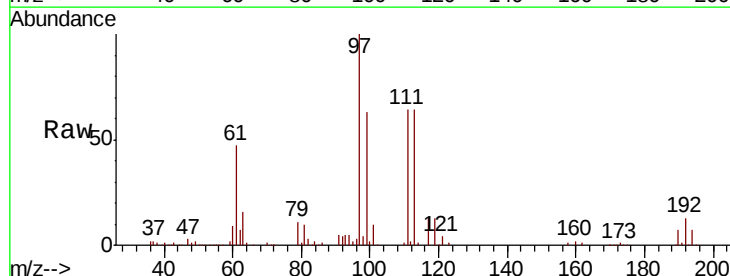
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 162726
Ion Ratio Lower Upper
56 100
69 27.3 23.4 35.0
84 71.2 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 44.725 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 97 Resp: 127445
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 49.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 46.293 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

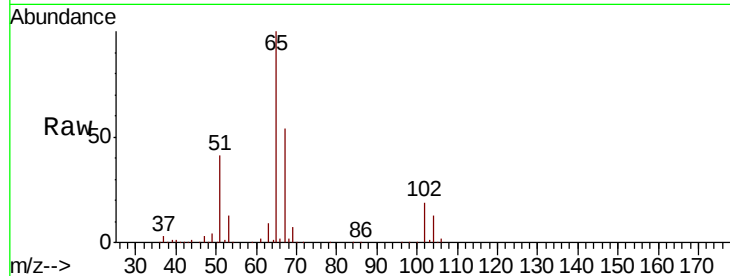
VSTDCCC050

Tot Ion: 65 Resp: 110254

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

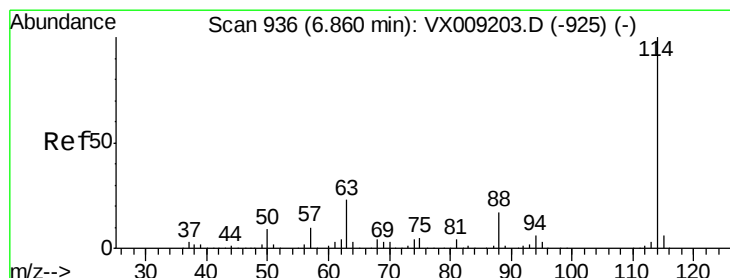
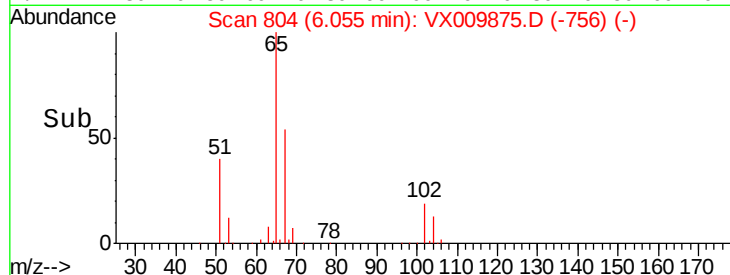
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

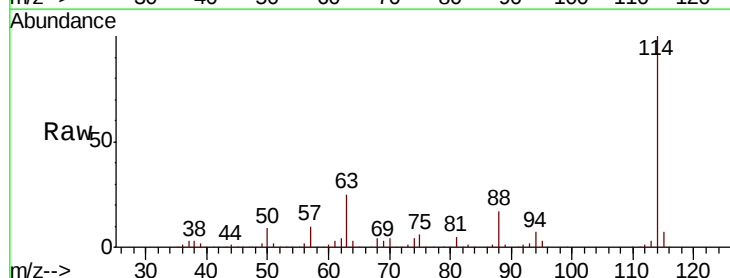
Tgt Ion: 114 Resp: 278015

Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.6

88 16.5 0.0 33.2



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

6.85

150000

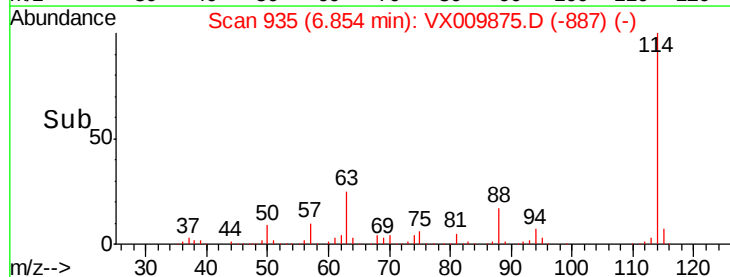
100000

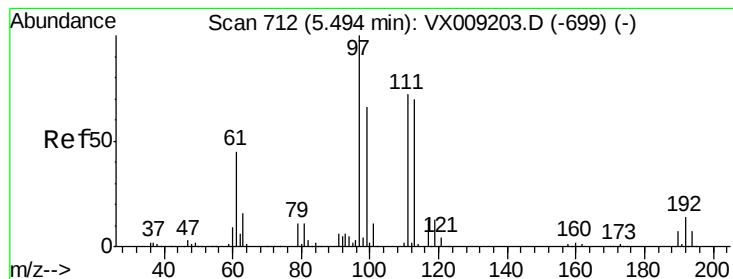
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 45.313 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

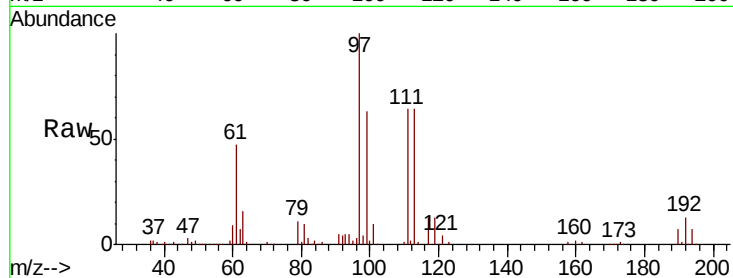
Tot Ion:113 Resp: 79194

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

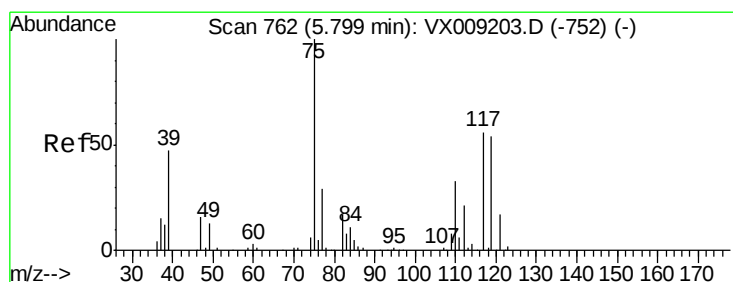
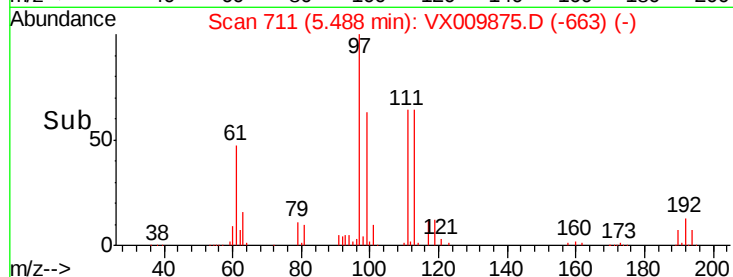
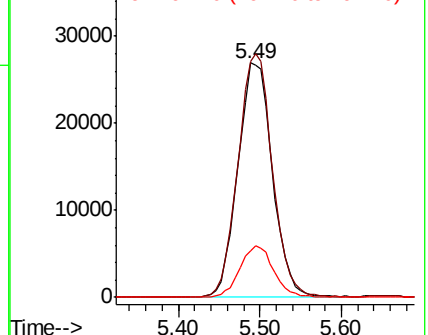
192 21.5 17.0 25.6



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: 46.624 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

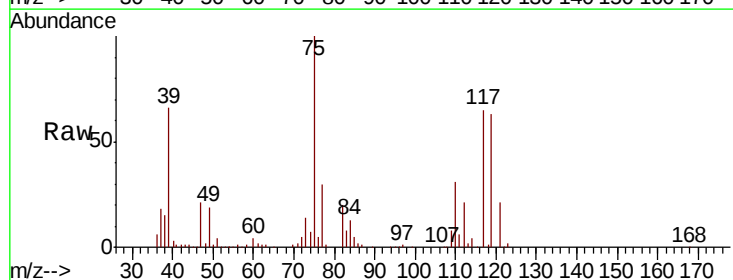
Tgt Ion: 75 Resp: 120458

Ion Ratio Lower Upper

75 100

110 32.9 16.9 50.6

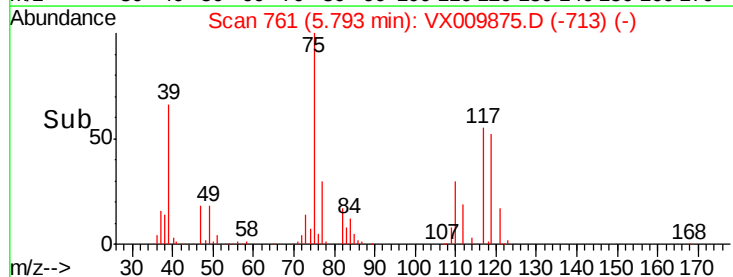
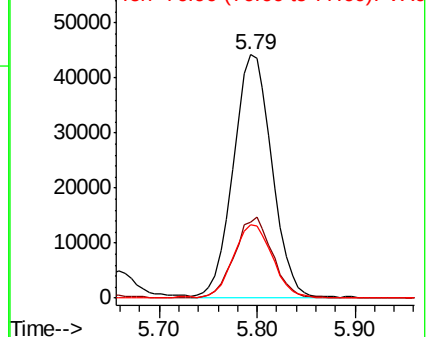
77 30.2 24.8 37.2

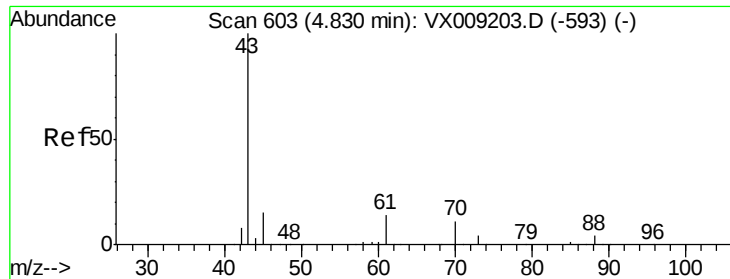


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

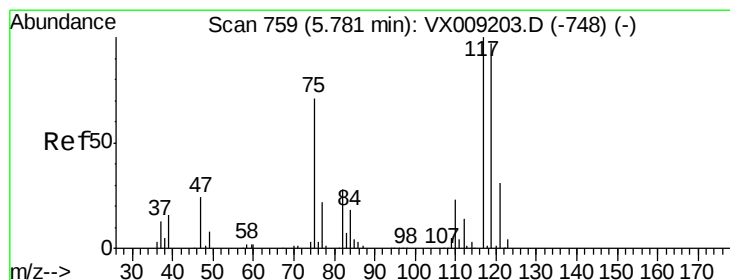
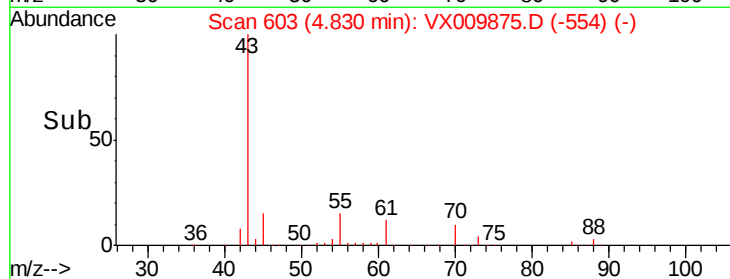
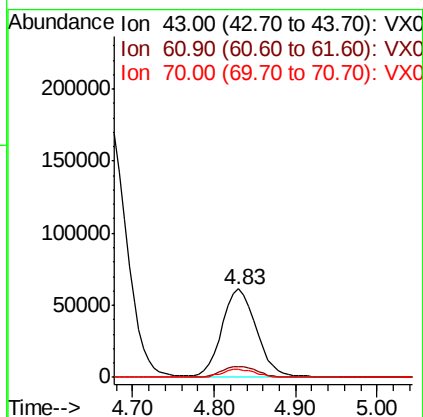
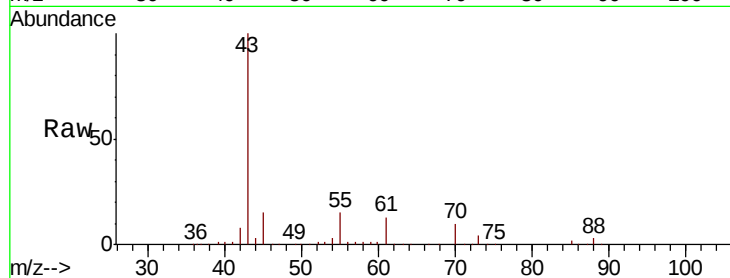




#37
Ethyl Acetate
Concen: 49.843 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

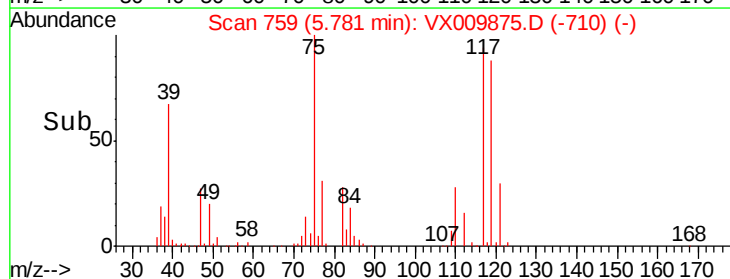
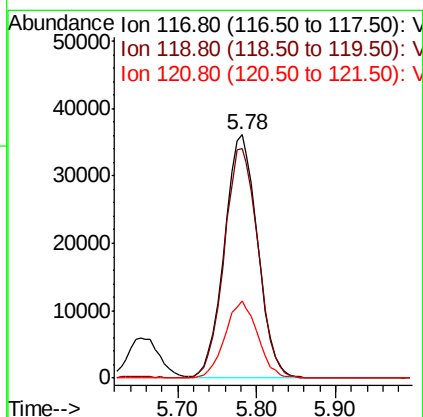
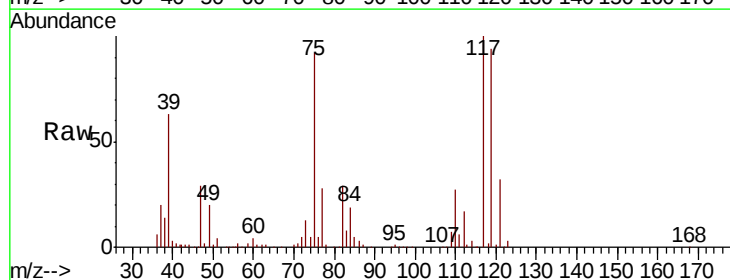
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

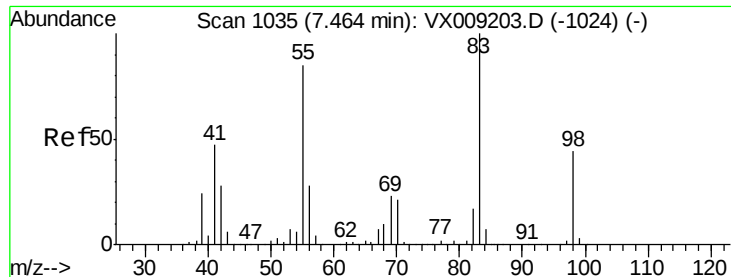
Tot Ion: 43 Resp: 179422
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.114 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 117 Resp: 105900
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
121 31.5 24.7 37.1

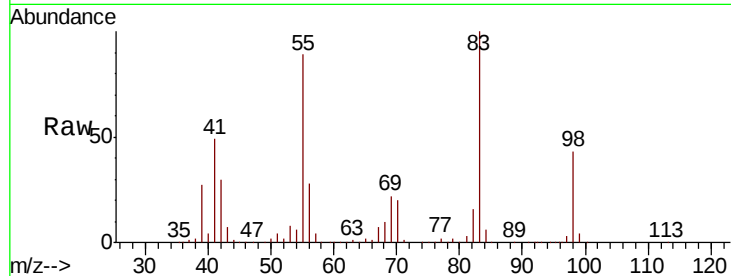




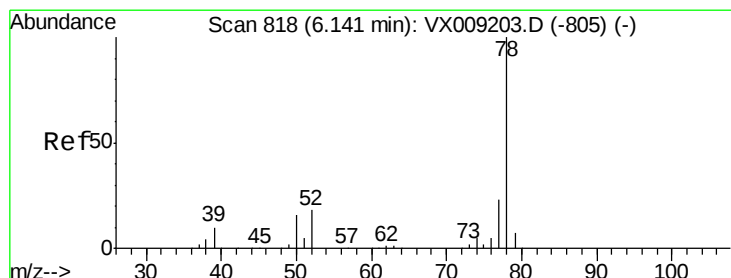
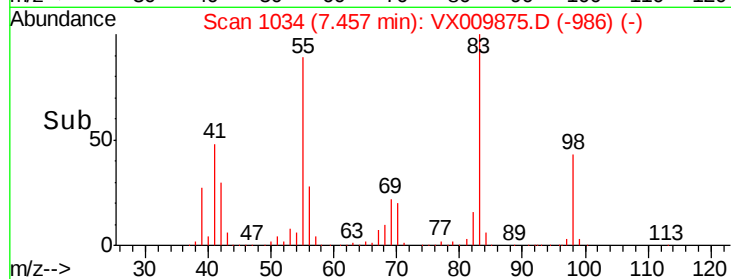
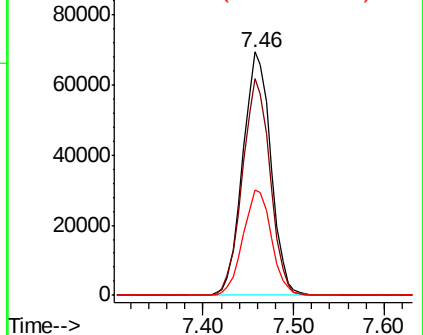
#39
Methvlcvclohexane
Concen: 47.121 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 149512
Ion Ratio Lower Upper
83 100
55 88.9 67.7 101.5
98 43.4 35.5 53.3

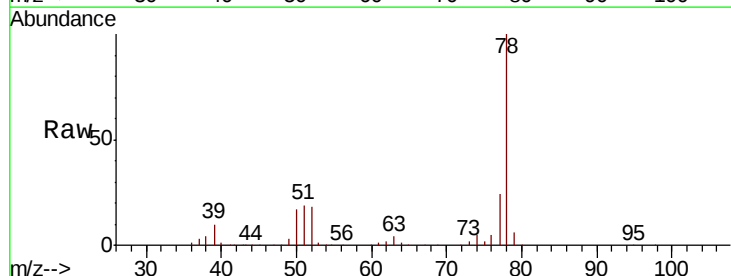


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

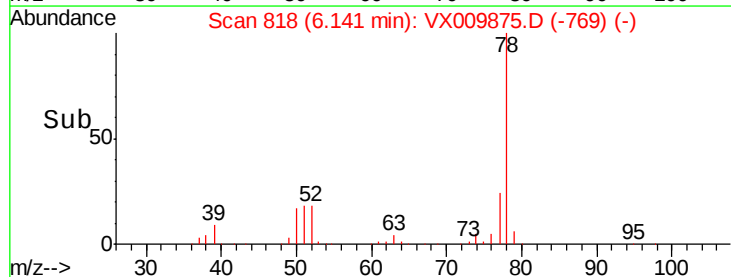
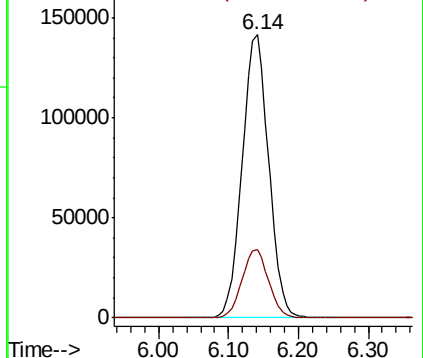


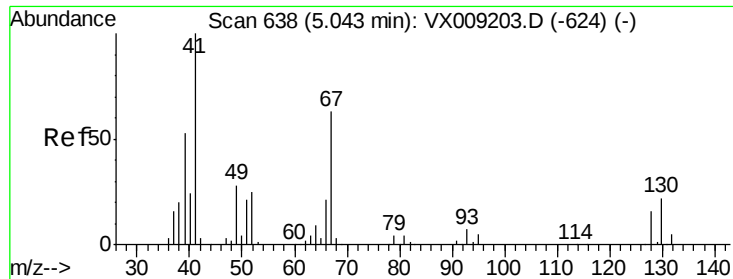
#40
Benzene
Concen: 46.626 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 78 Resp: 372816
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



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





#41

Methacrylonitrile

Concen: 48.050 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 102963

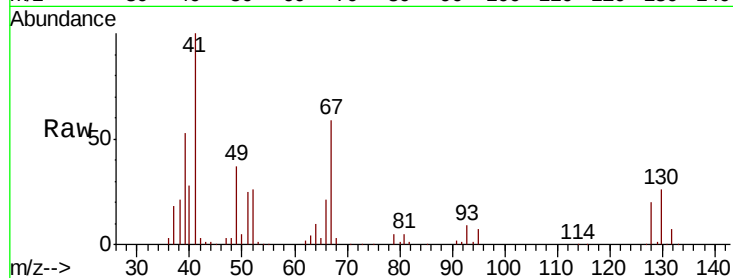
Ion Ratio Lower Upper

41 100

39 53.0 42.0 63.0

67 59.4 49.8 74.8

52 25.5 20.3 30.5

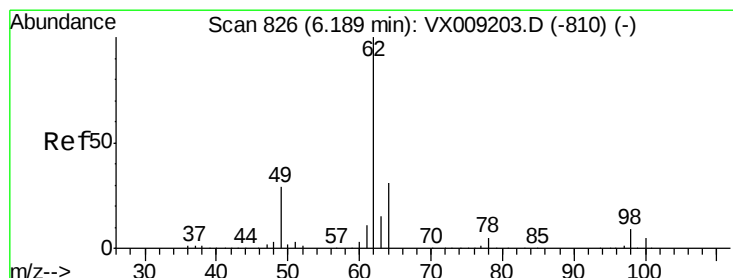
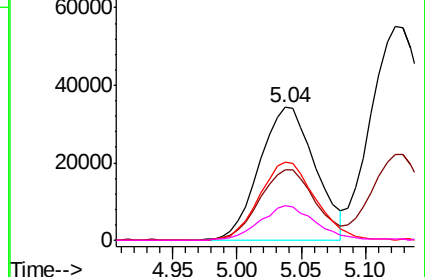
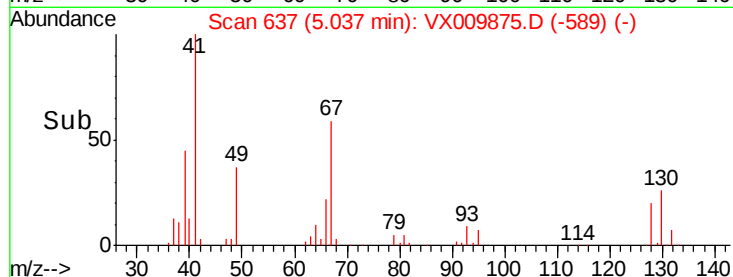


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.687 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009875.D

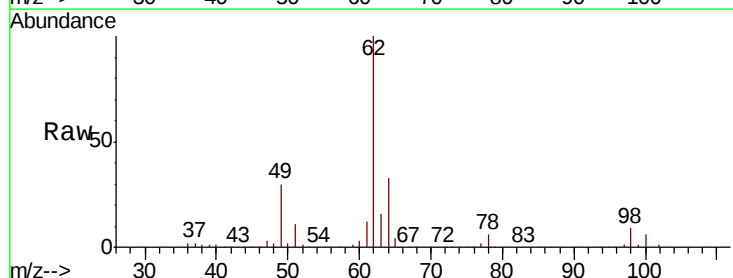
Acq: 24 May 2019 09:44

Tgt Ion: 62 Resp: 139648

Ion Ratio Lower Upper

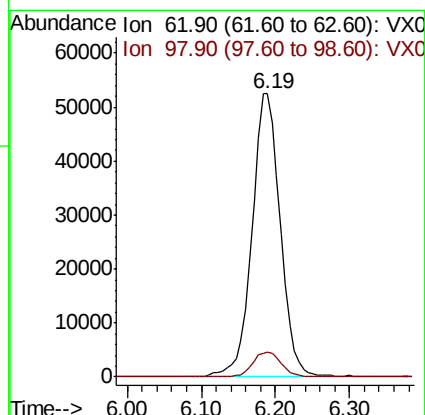
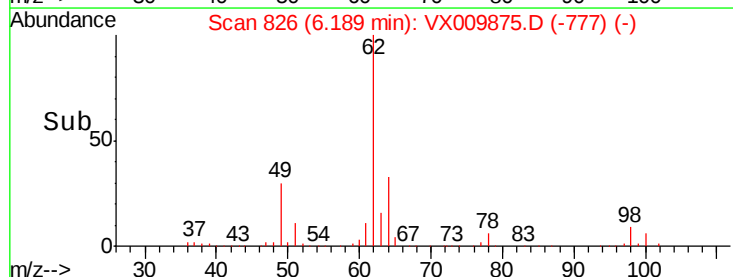
62 100

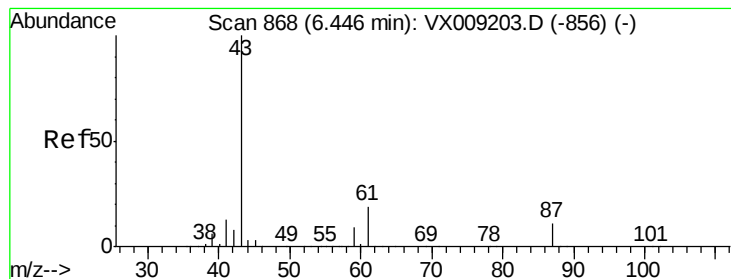
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.183 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

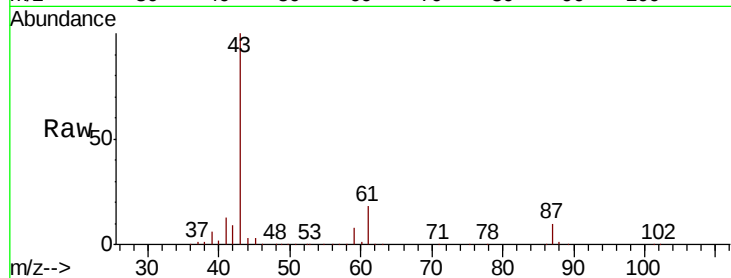
Tot Ion: 43 Resp: 288955

Ion Ratio Lower Upper

43 100

61 18.2 15.1 22.7

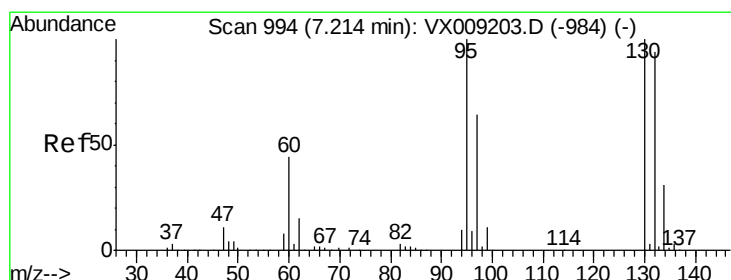
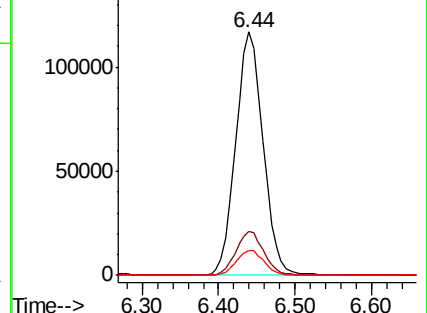
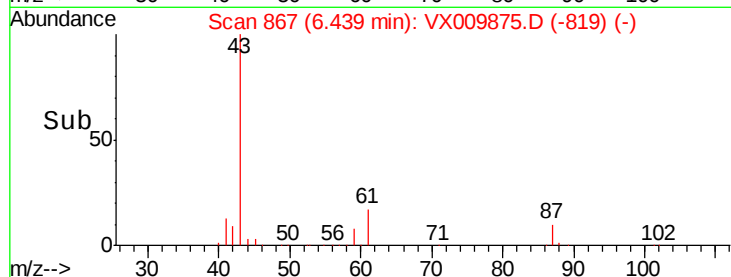
87 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.813 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009875.D

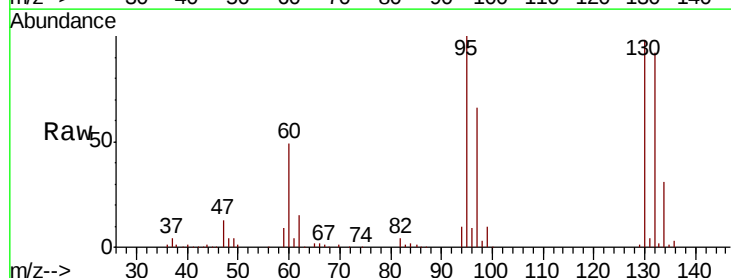
Acq: 24 May 2019 09:44

Tgt Ion:130 Resp: 88557

Ion Ratio Lower Upper

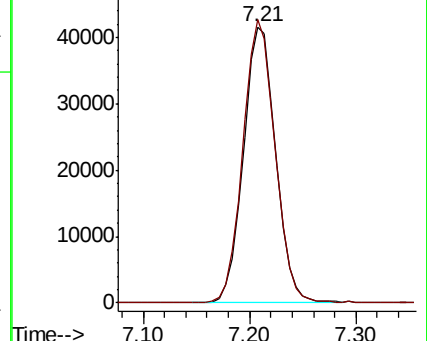
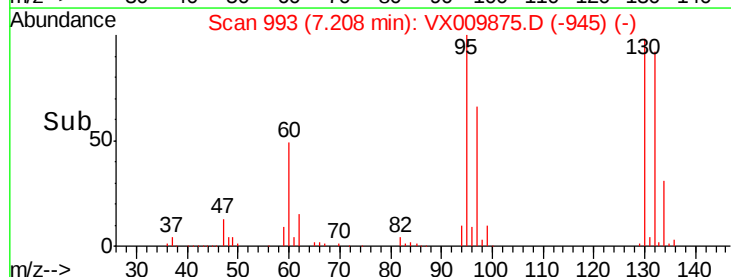
130 100

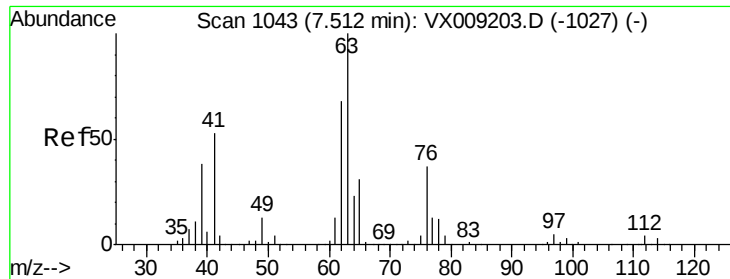
95 102.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

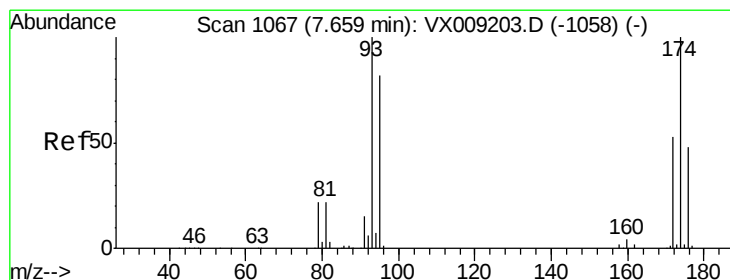
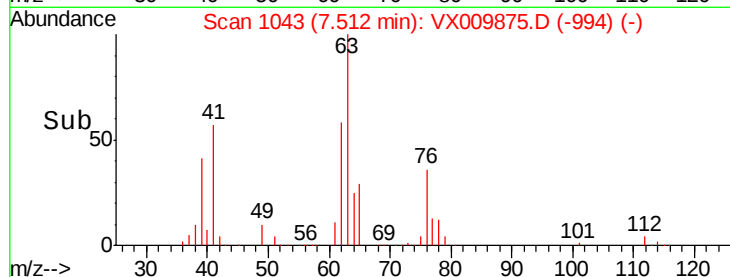
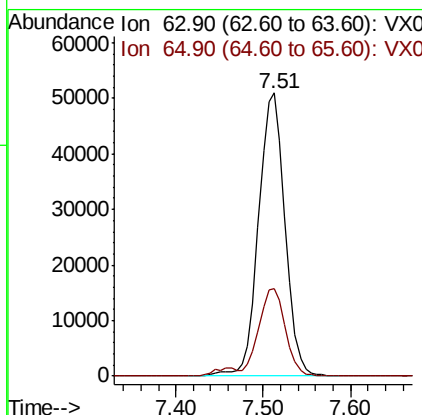
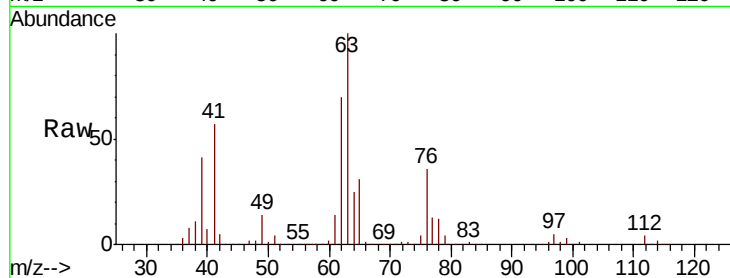




#45
 1,2-Dichloropropane
 Concen: 47.499 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

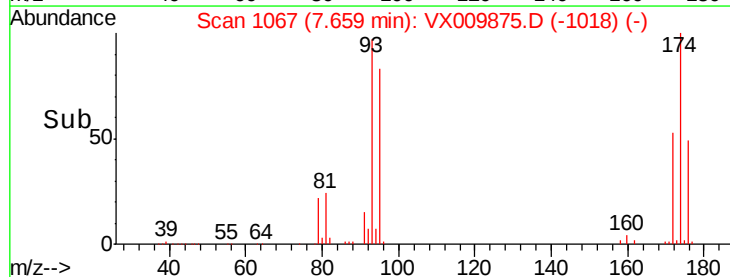
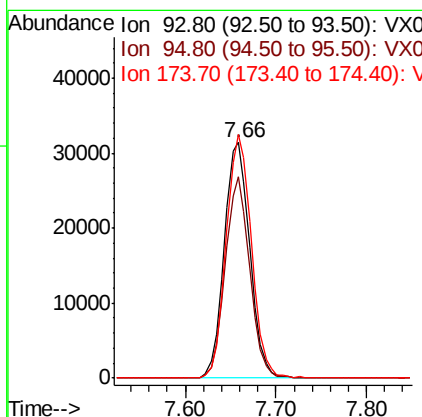
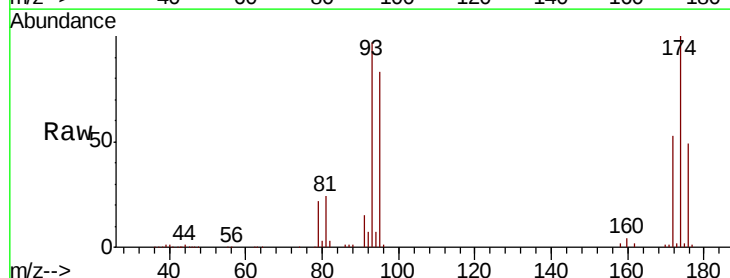
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

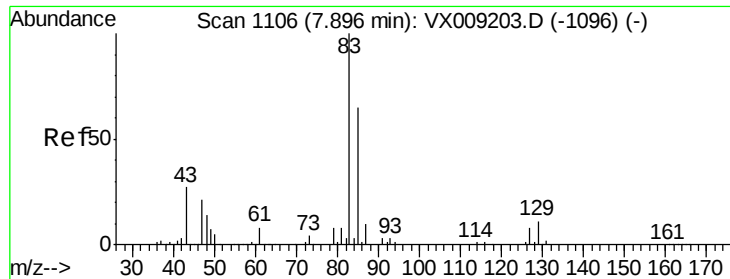
Tot Ion: 63 Resp: 107543
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 46.761 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion: 93 Resp: 61481
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.5 99.7
 174 101.8 82.1 123.1





#47

Bromodichloromethane

Concen: 47.983 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

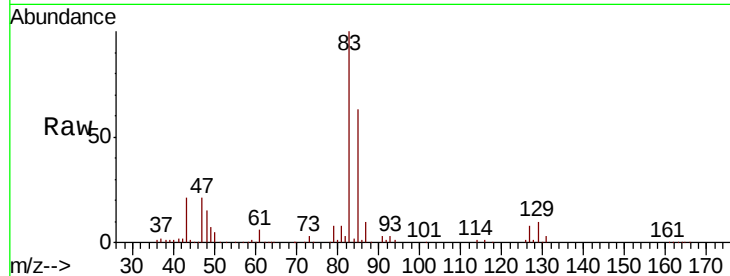
Tot Ion: 83 Resp: 125843

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

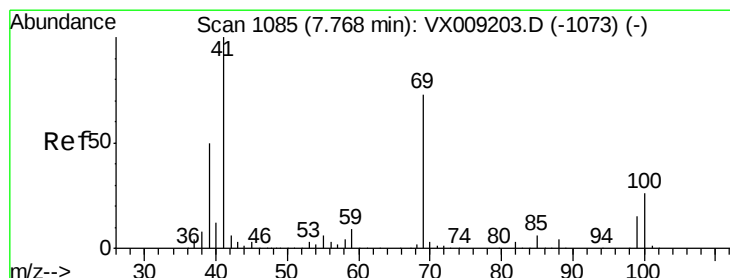
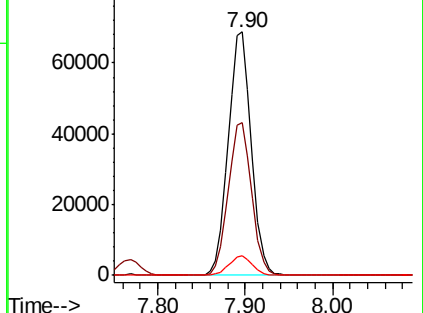
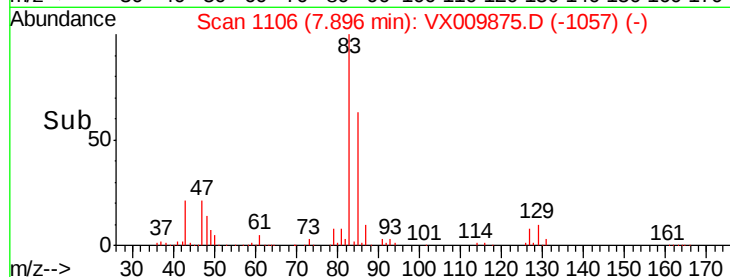
127 8.1 6.6 10.0



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: 51.485 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

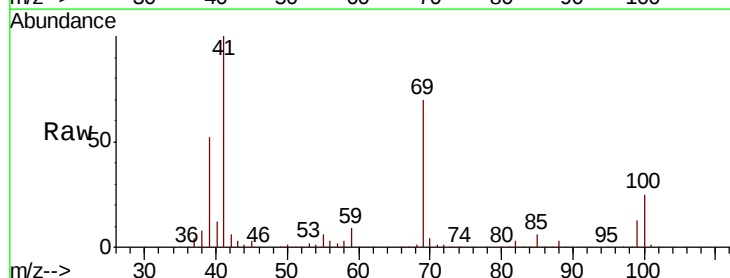
Tgt Ion: 41 Resp: 147077

Ion Ratio Lower Upper

41 100

69 69.9 59.1 88.7

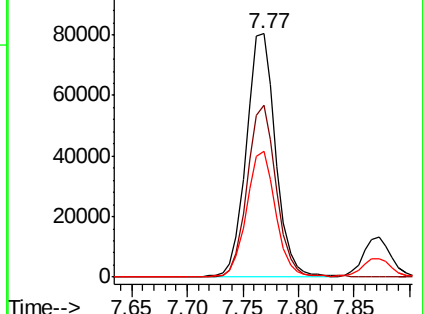
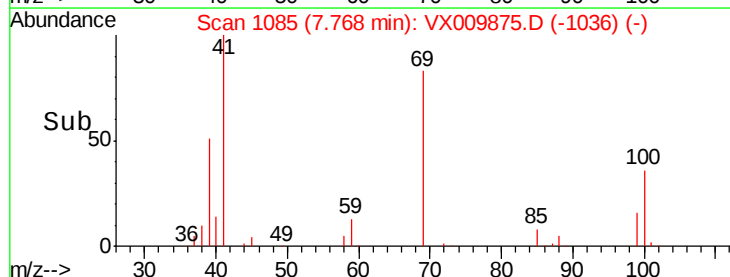
39 51.0 40.4 60.6

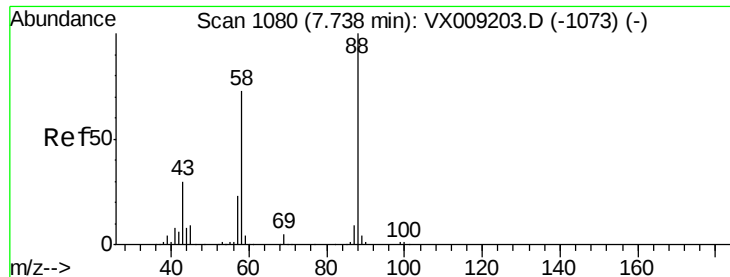


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 912.584 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

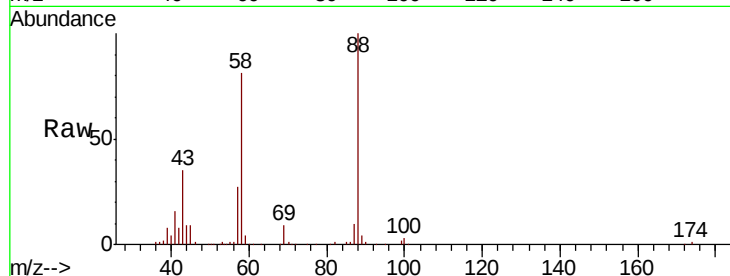
Tot Ion: 88 Resp: 52869

Ion Ratio Lower Upper

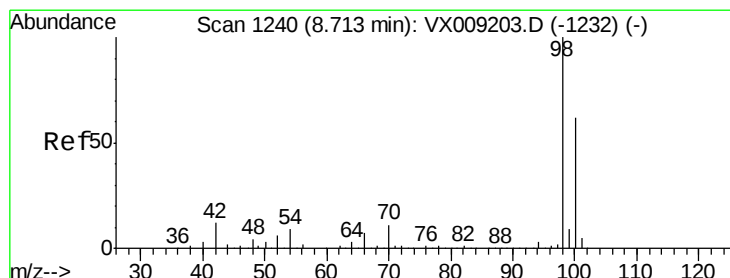
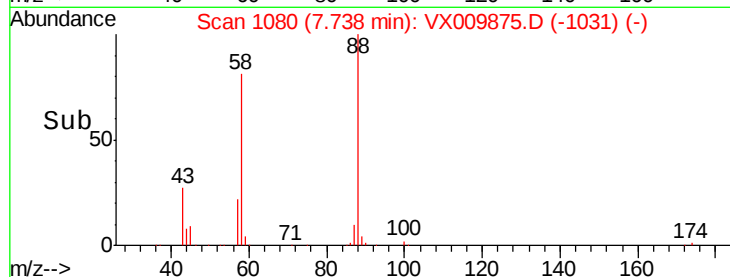
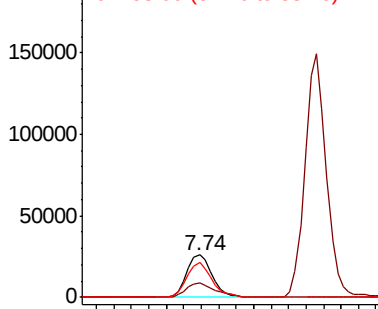
88 100

43 38.1 28.6 42.8

58 80.4 61.7 92.5



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: 45.649 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009875.D

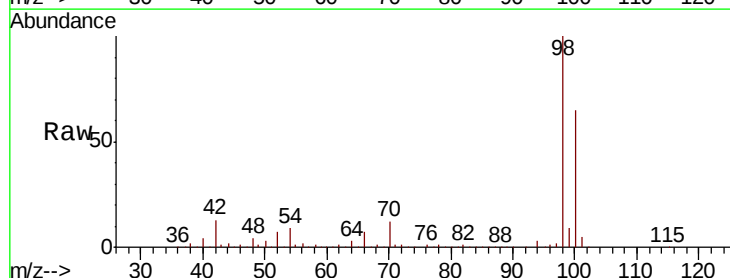
Acq: 24 May 2019 09:44

Tgt Ion: 98 Resp: 322095

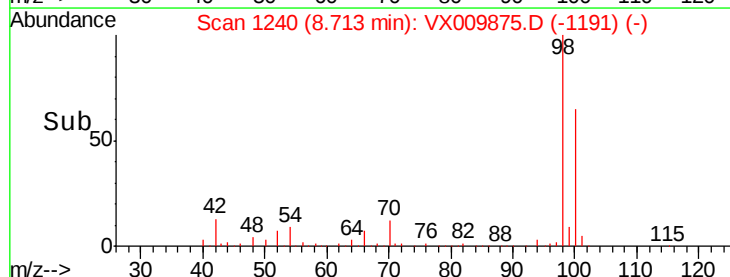
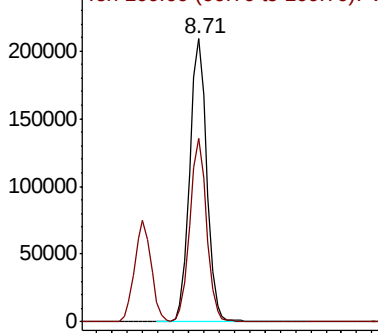
Ion Ratio Lower Upper

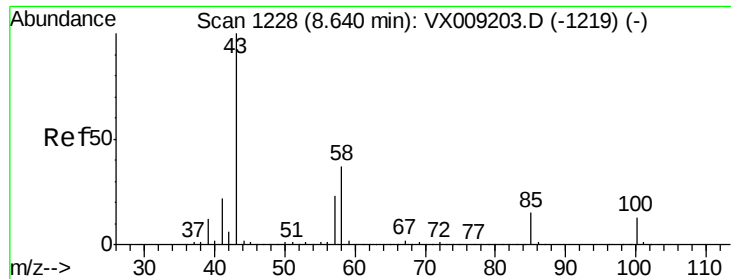
98 100

100 63.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 256.318 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

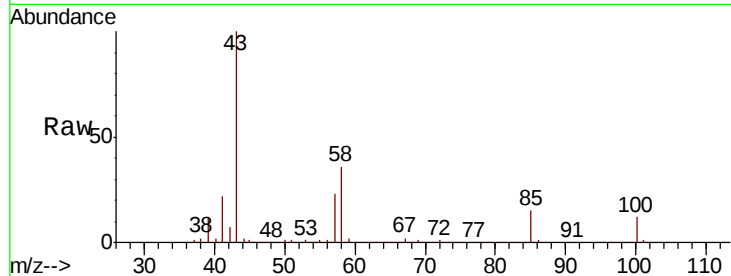
VSTDCCC050

Tot Ion: 43 Resp: 964669

Ion Ratio Lower Upper

43 100

58 35.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

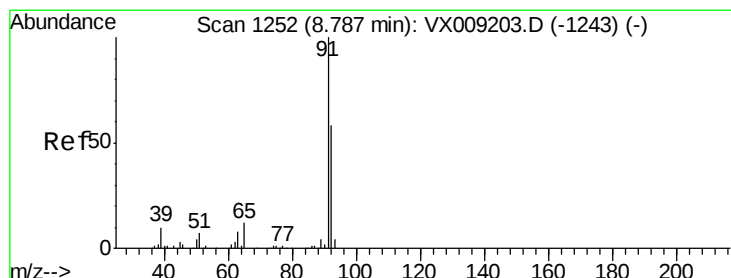
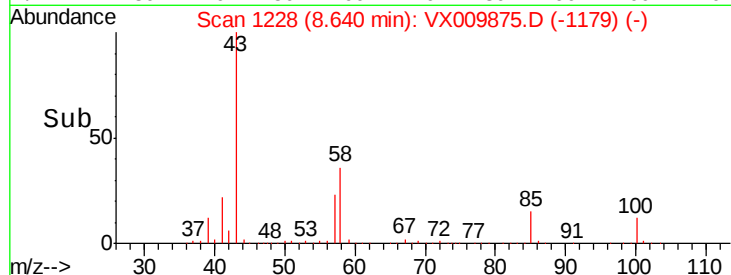
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.631 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009875.D

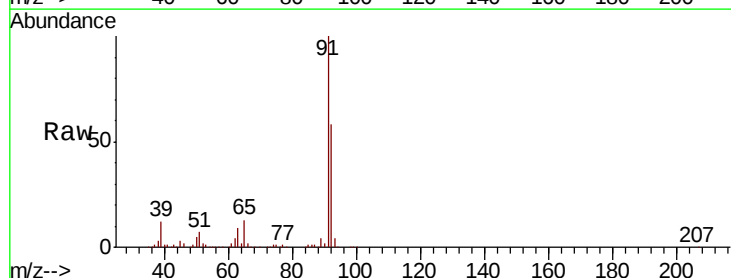
Acq: 24 May 2019 09:44

Tgt Ion: 92 Resp: 231511

Ion Ratio Lower Upper

92 100

91 173.7 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

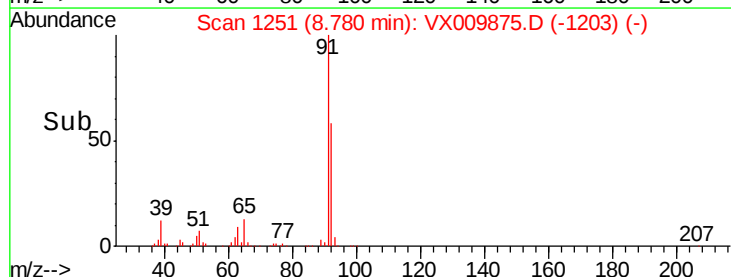
150000

100000

50000

0

Time-->

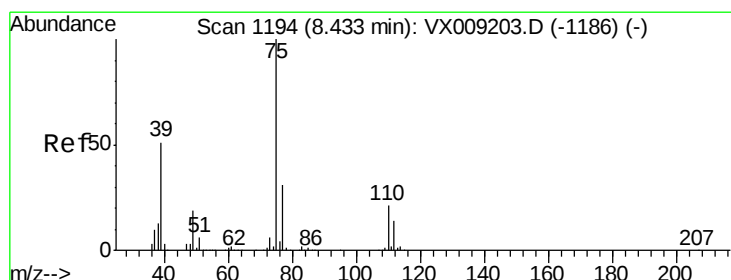
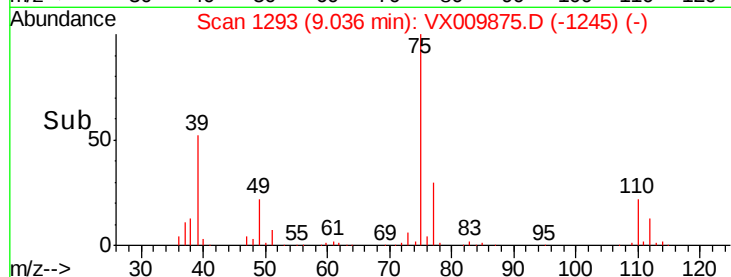
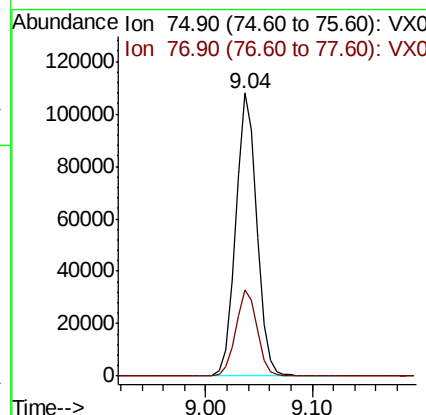
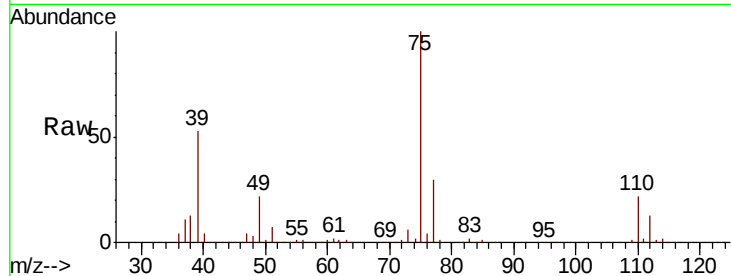




#53
t-1,3-Dichloropropene
Concen: 50.734 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

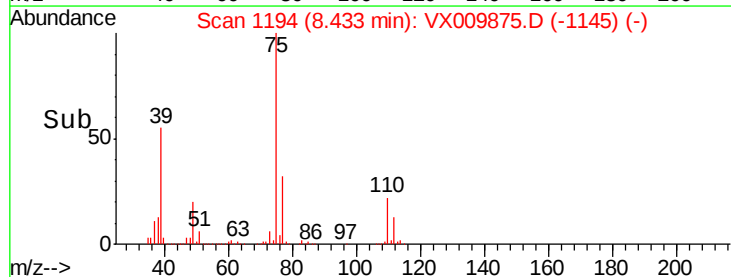
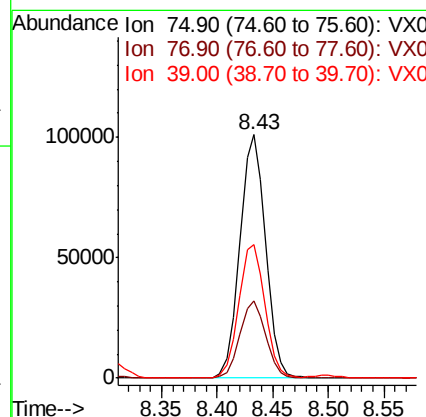
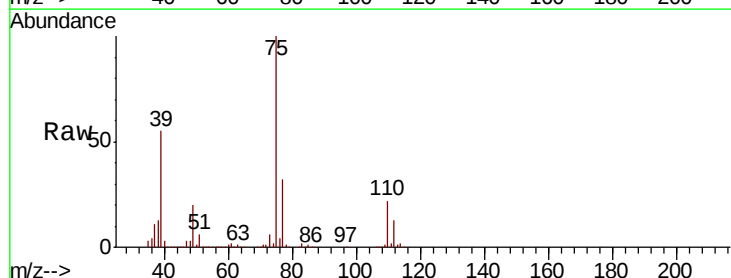
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 150225
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.195 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 75 Resp: 161230
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 54.8 40.6 60.8



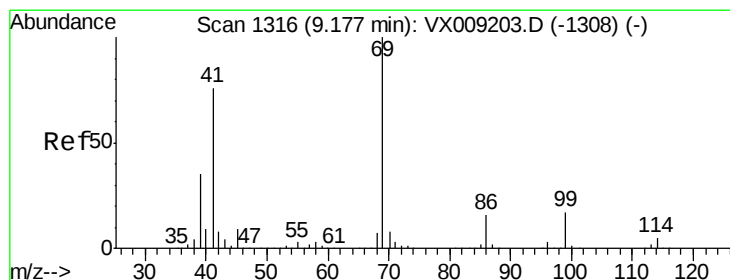
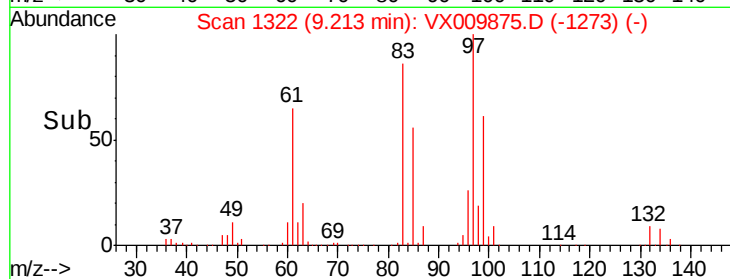
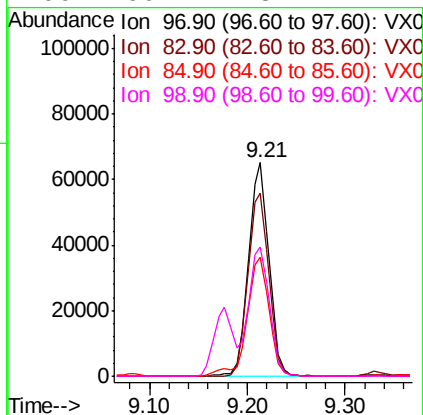
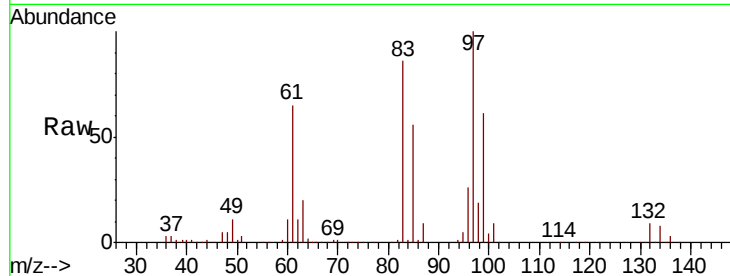


#55
 1,1,2-Trichloroethane
 Concen: 47.386 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 93963

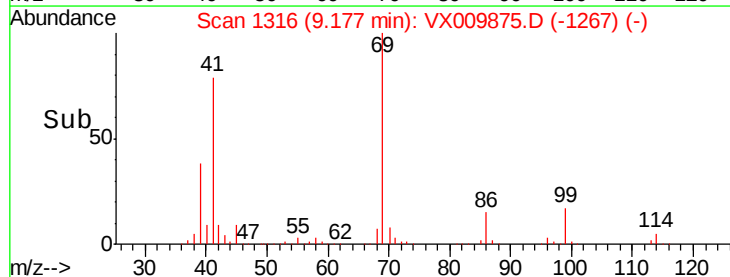
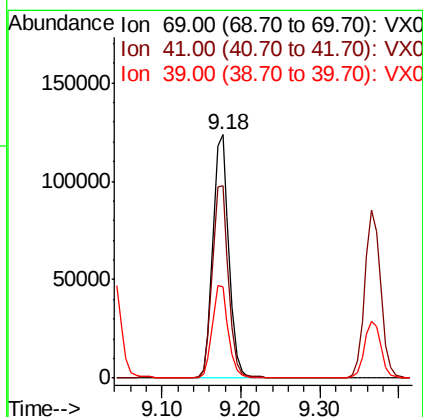
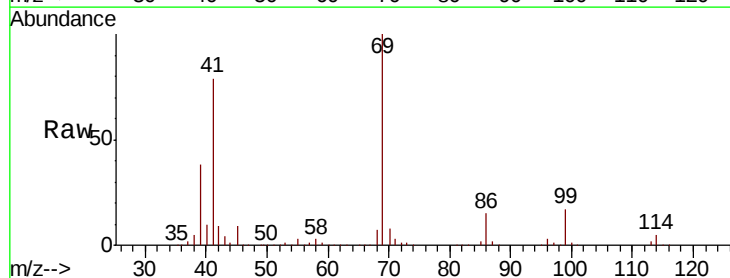
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.9	103.3
85	55.6	43.8	65.6
99	60.7	48.2	72.2

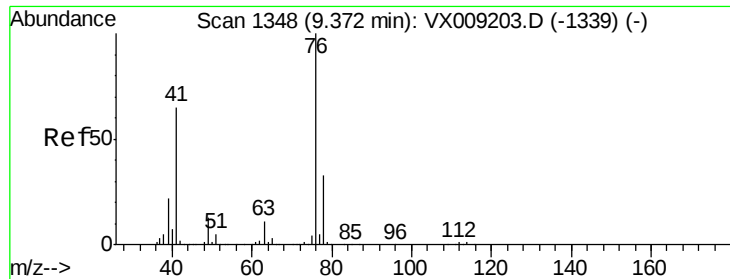


#56
 Ethyl methacrylate
 Concen: 49.393 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion: 69 Resp: 174835

Ion	Ratio	Lower	Upper
69	100		
41	79.6	60.6	90.8
39	38.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 47.799 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

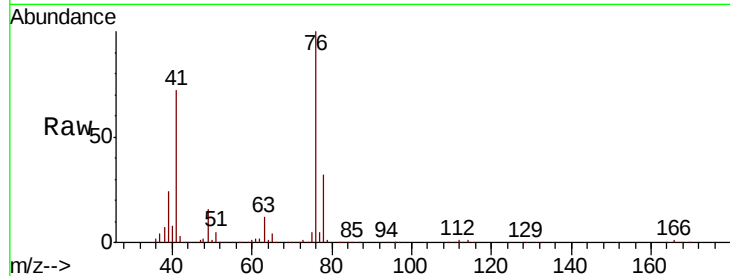
VSTDCCC050

Tot Ion: 76 Resp: 166794

Ion Ratio Lower Upper

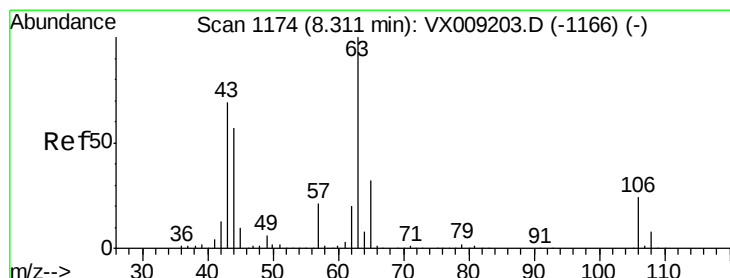
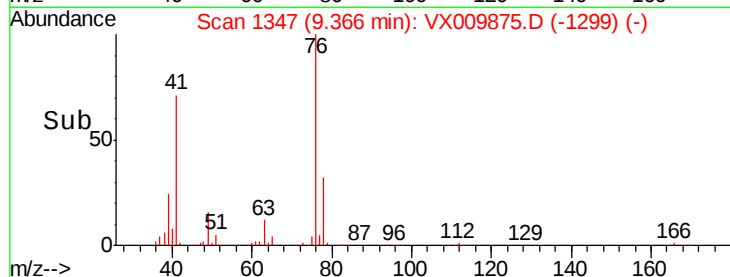
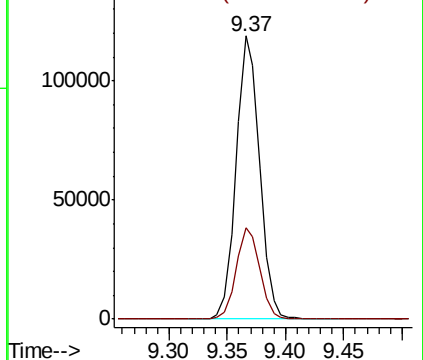
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.030 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009875.D

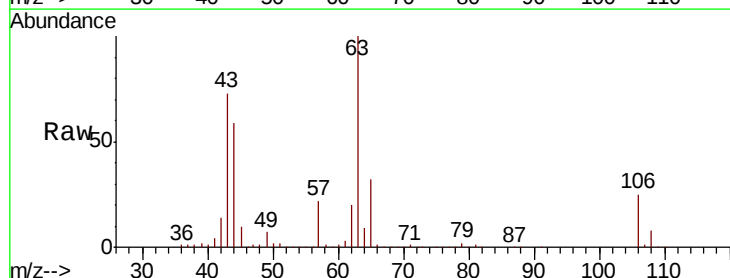
Acq: 24 May 2019 09:44

Tgt Ion: 63 Resp: 448845

Ion Ratio Lower Upper

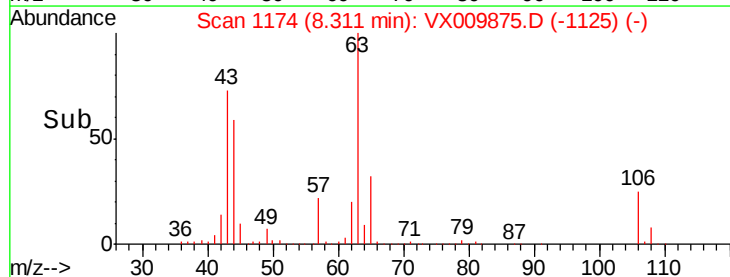
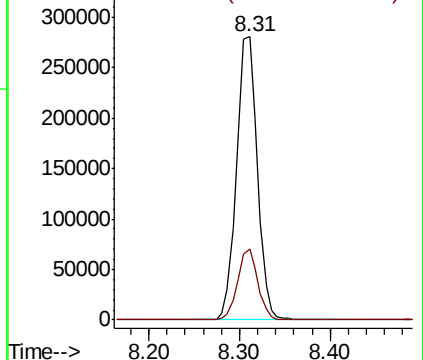
63 100

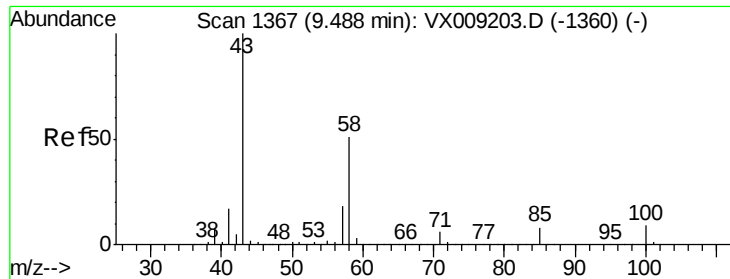
106 24.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

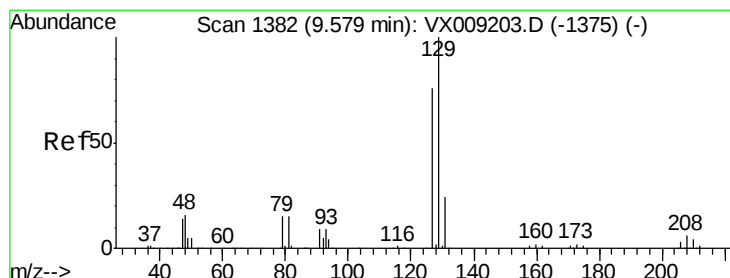
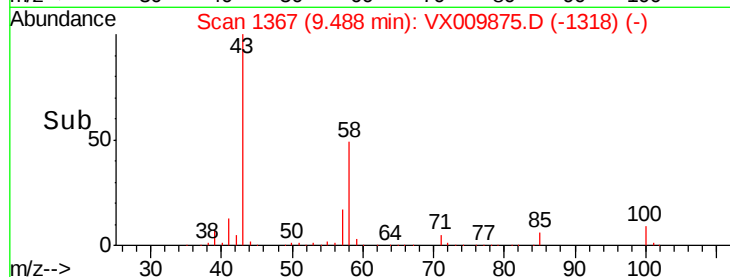
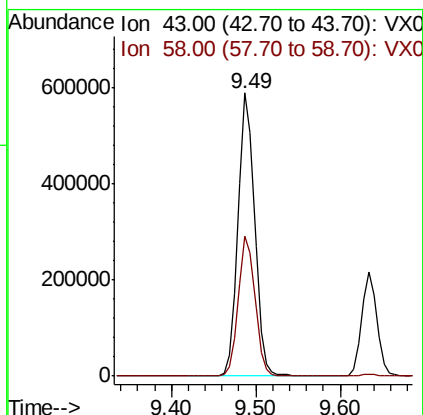
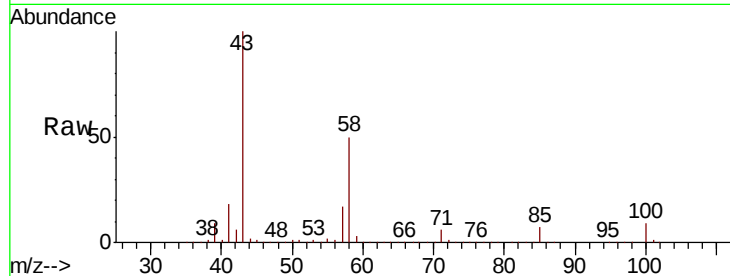




#59
2-Hexanone
Concen: 264.570 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

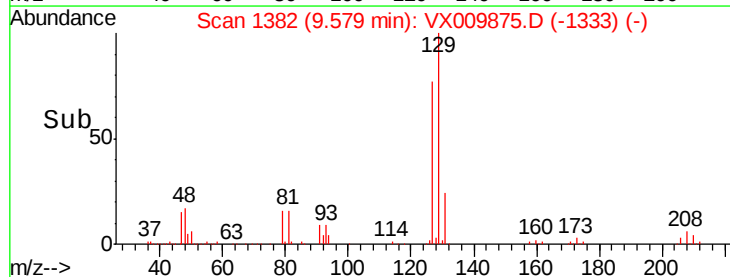
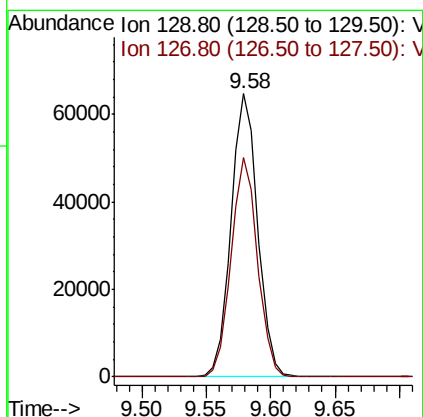
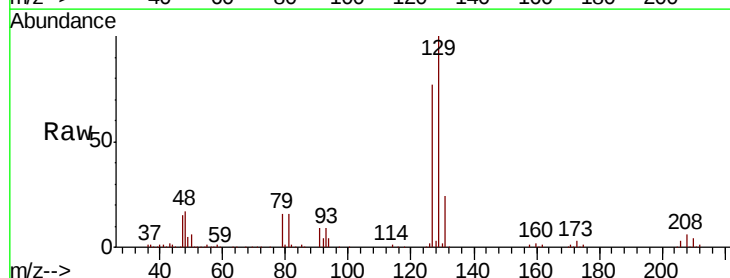
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

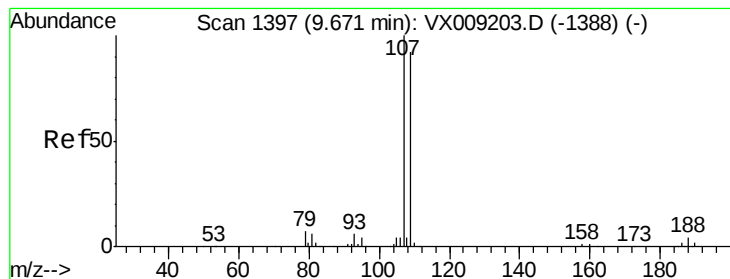
Tot Ion: 43 Resp: 782029
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.7



#60
Dibromochloromethane
Concen: 48.301 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 129 Resp: 93545
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.702 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

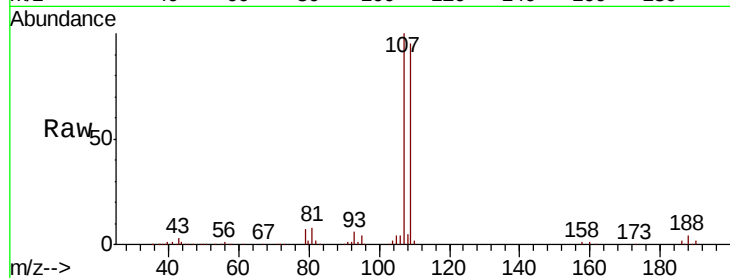
VSTDCCC050

Tot Ion:107 Resp: 95482

Ion Ratio Lower Upper

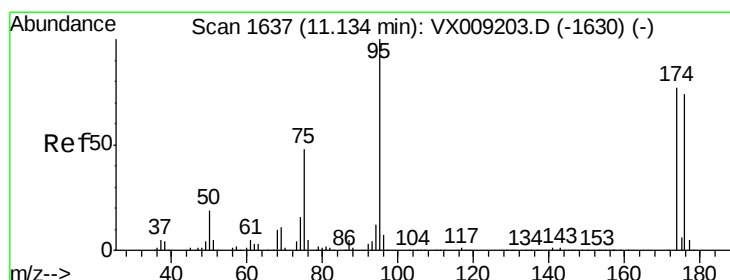
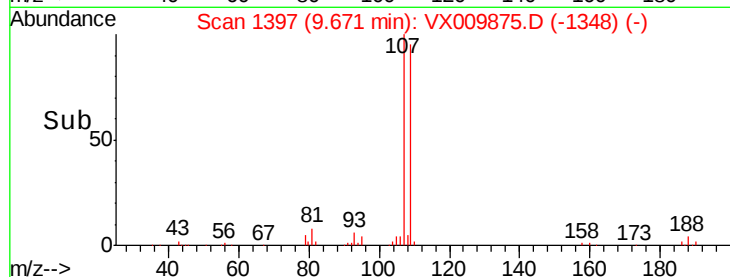
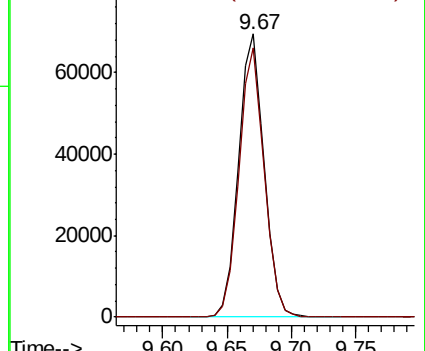
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.914 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

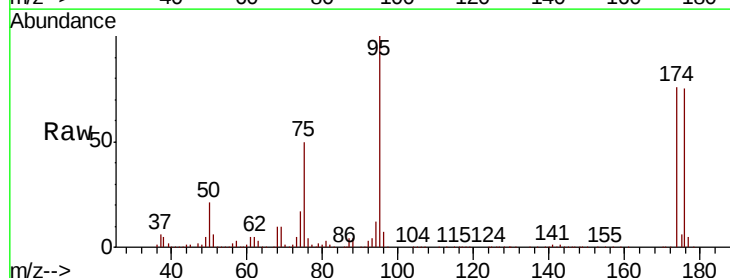
Tgt Ion: 95 Resp: 122844

Ion Ratio Lower Upper

95 100

174 79.7 0.0 161.6

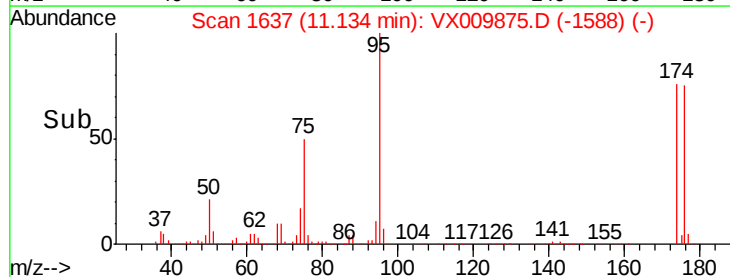
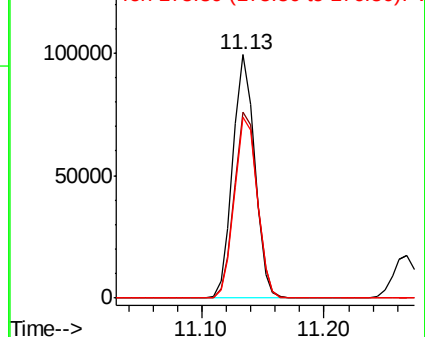
176 77.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

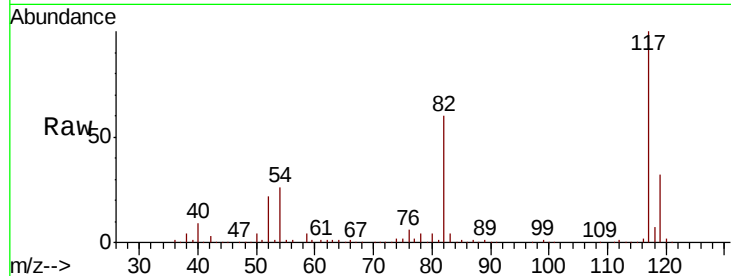




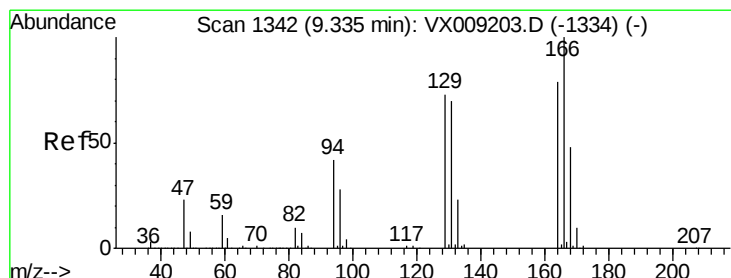
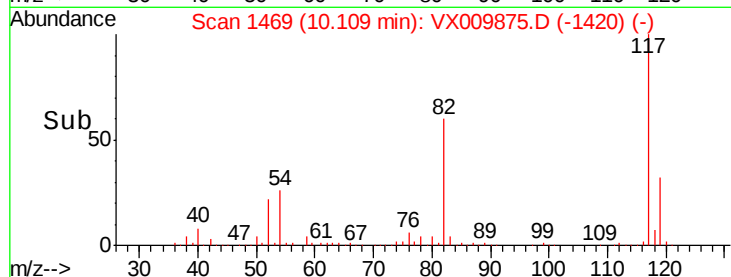
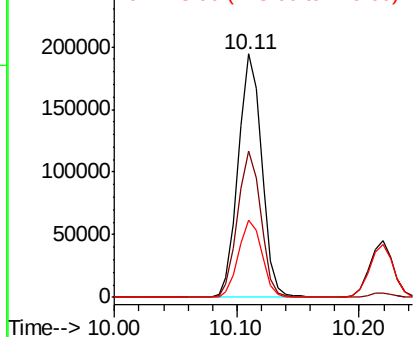
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 258598
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.7 25.8 38.6

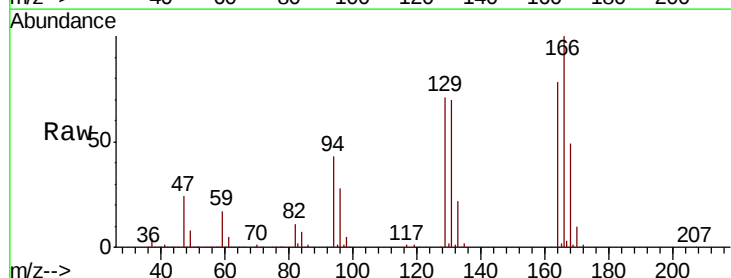


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

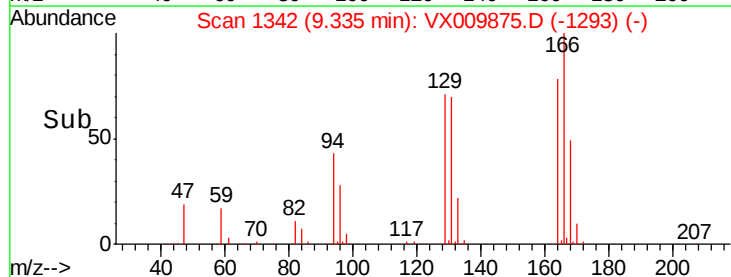
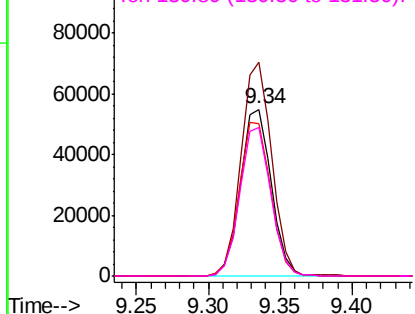


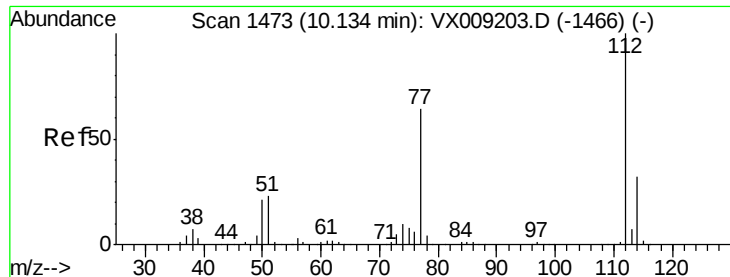
#64
Tetrachloroethene
Concen: 45.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion:164 Resp: 81486
Ion Ratio Lower Upper
164 100
166 128.1 101.2 151.8
129 91.5 74.3 111.5
131 89.0 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

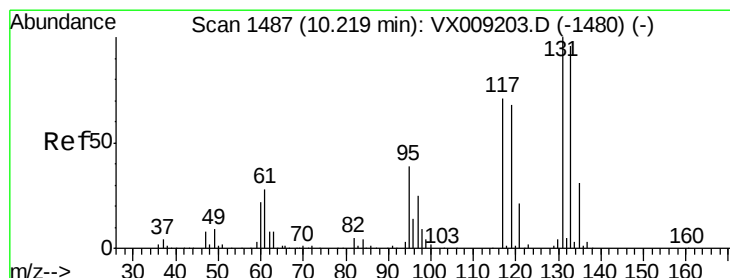
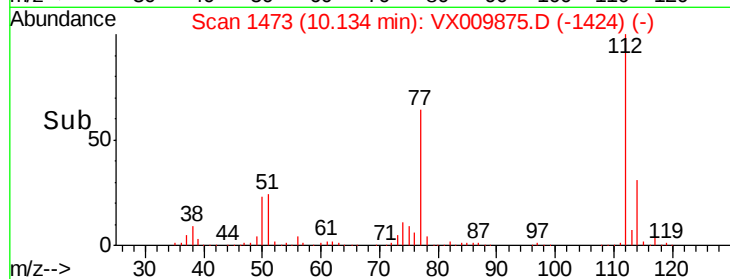
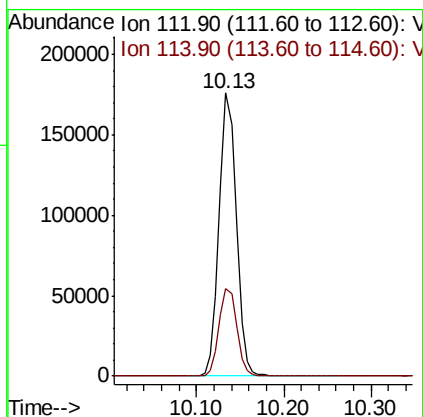
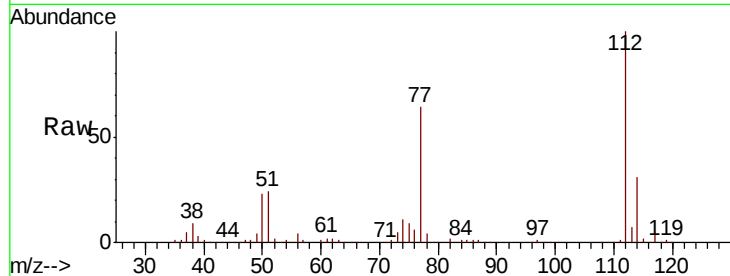




#65
Chlorobenzene
Concen: 46.347 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

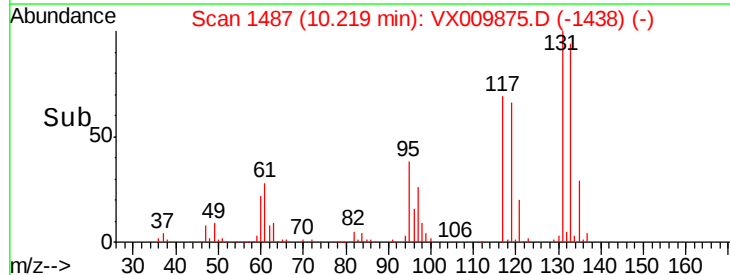
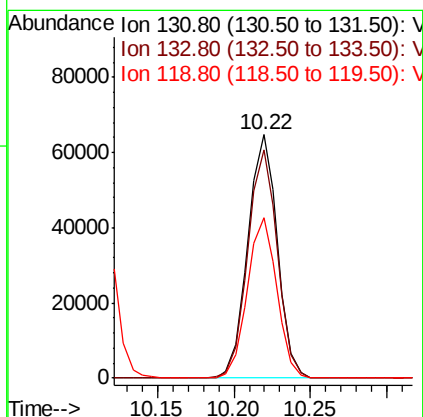
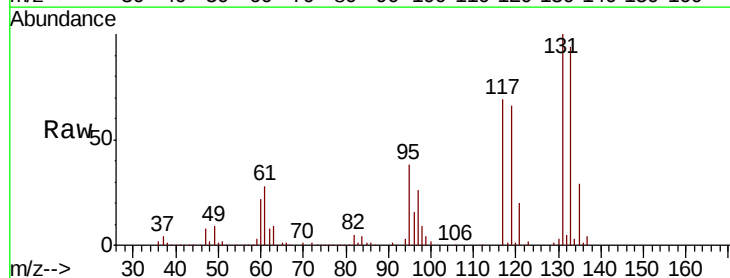
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

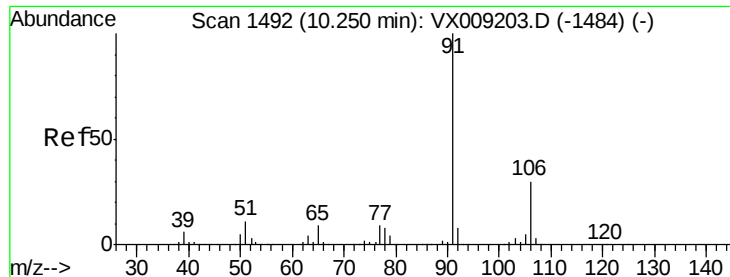
Tot Ion:112 Resp: 239759
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 46.265 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion:131 Resp: 86769
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 65.9 33.5 100.4

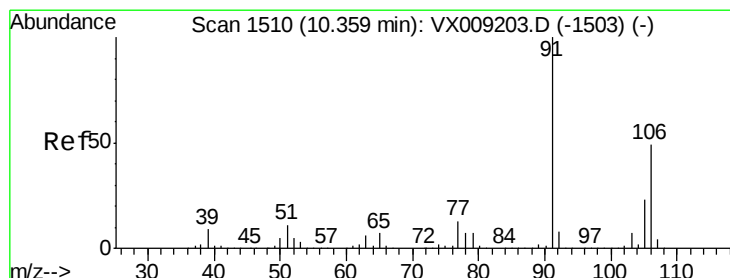
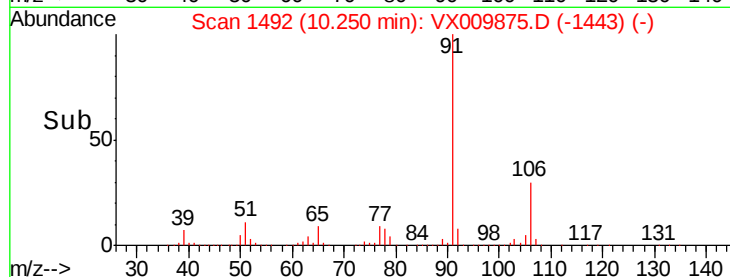
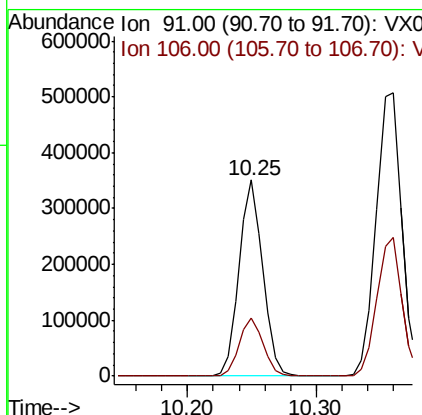
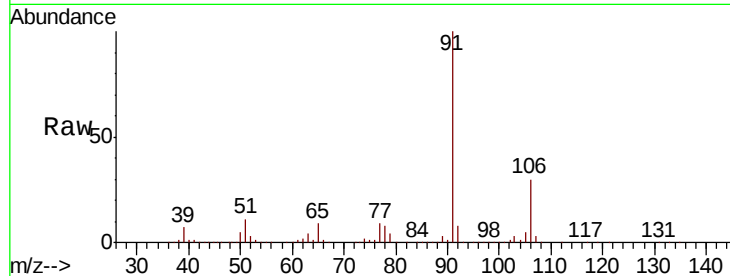




#67
Ethyl Benzene
Concen: 47.022 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

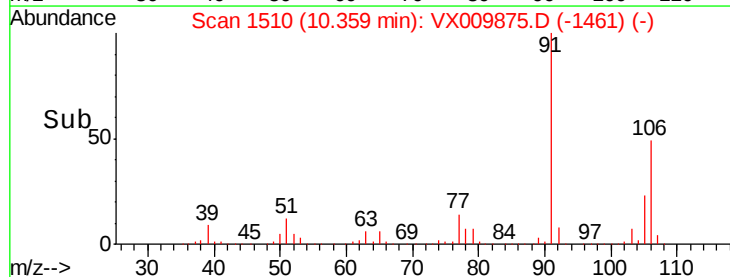
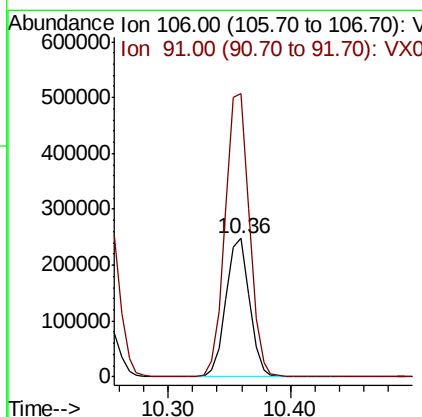
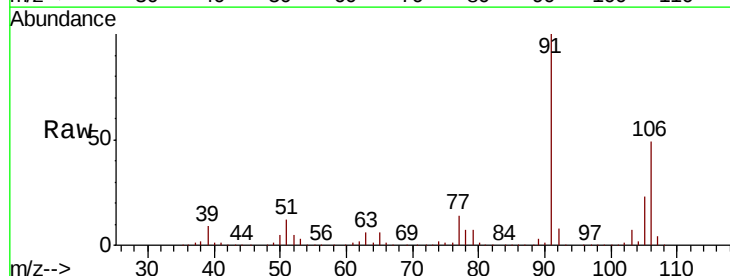
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

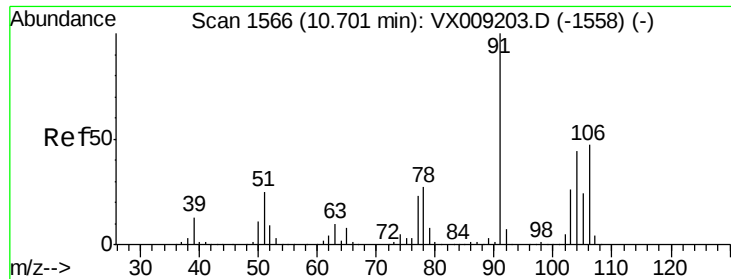
Tot Ion: 91 Resp: 447671
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 95.109 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 106 Resp: 330895
Ion Ratio Lower Upper
106 100
91 209.9 164.0 246.0

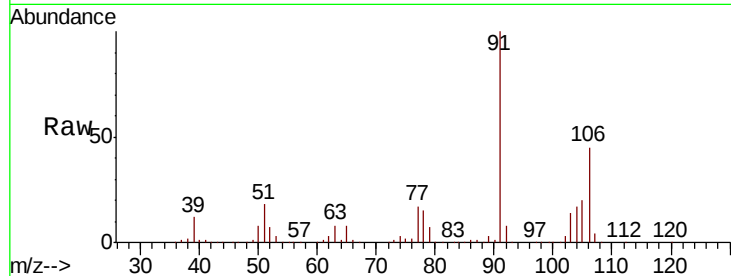




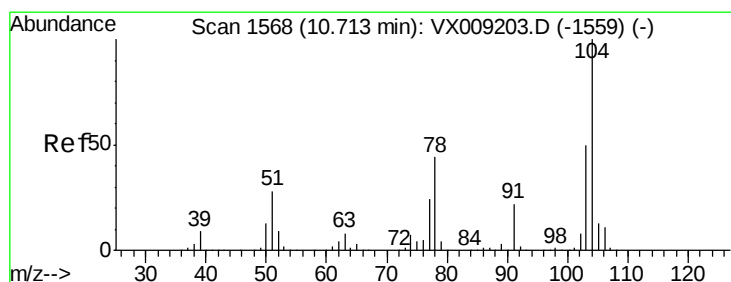
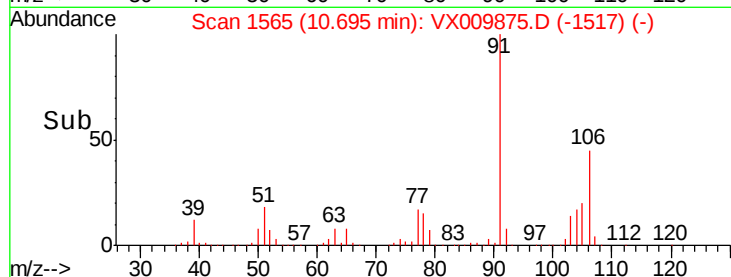
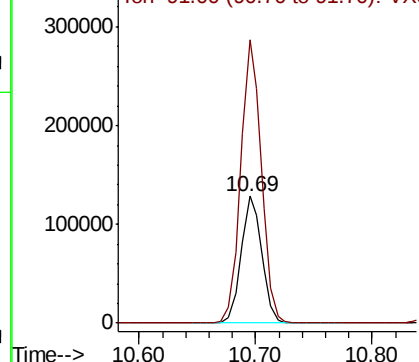
#69
o-Xylene
Concen: 46.373 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 159181
Ion Ratio Lower Upper
106 100
91 222.7 109.5 328.4

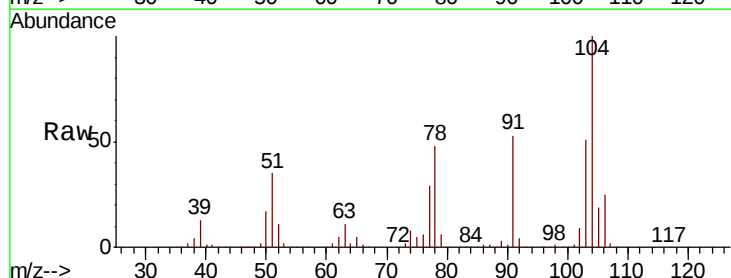


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

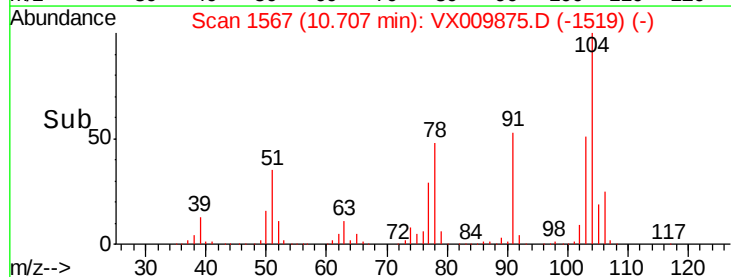
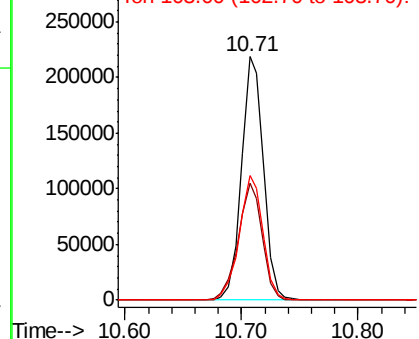


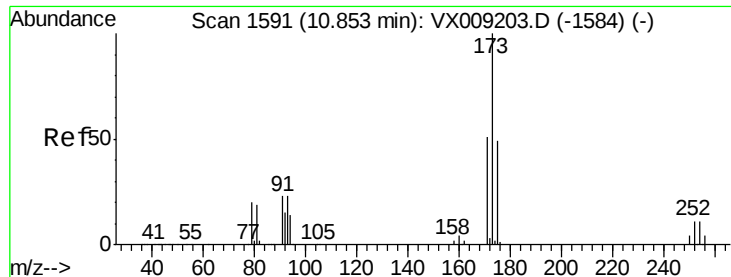
#70
Styrene
Concen: 48.120 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion:104 Resp: 287094
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 55.0 43.8 65.6



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





#71

Bromoform

Concen: 47.844 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

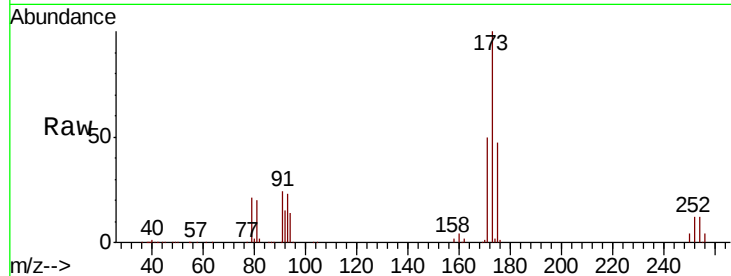
Tot Ion:173 Resp: 72919

Ion Ratio Lower Upper

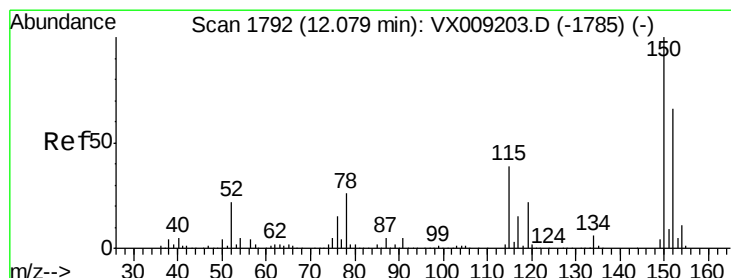
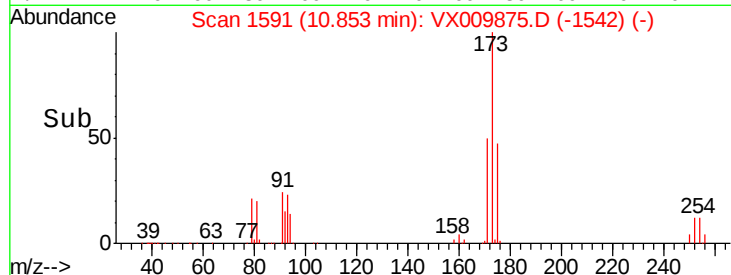
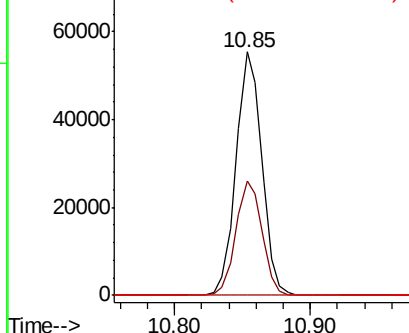
173 100

175 47.5 24.5 73.5

254 0.2 0.1 0.1#



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: VX009875.D

Acq: 24 May 2019 09:44

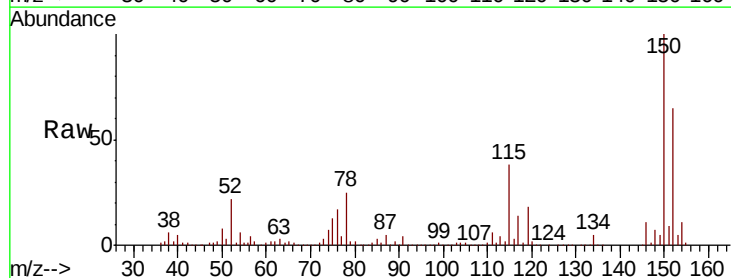
Tgt Ion:152 Resp: 132131

Ion Ratio Lower Upper

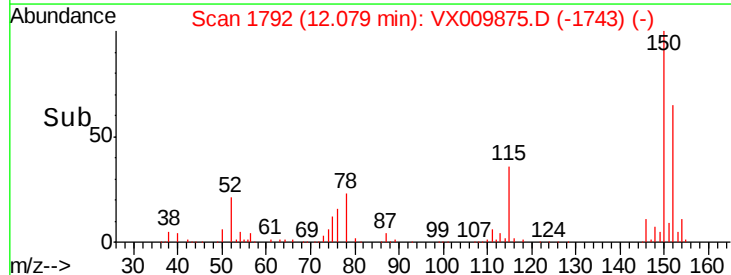
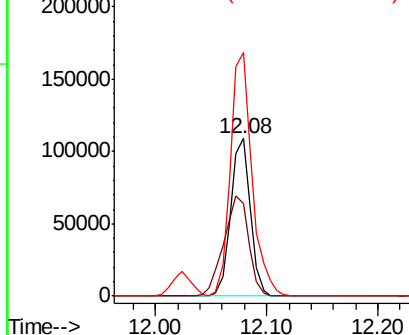
152 100

115 80.8 41.2 123.6

150 170.8 0.0 346.4



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





#73

Isopropylbenzene

Concen: 44.333 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

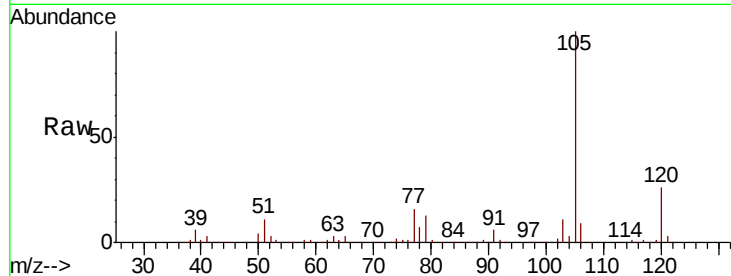
VSTDCCC050

Tot Ion:105 Resp: 425971

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

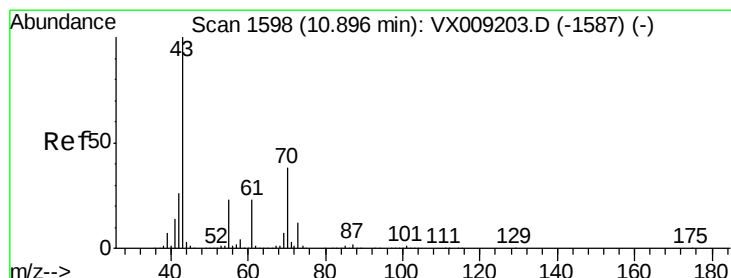
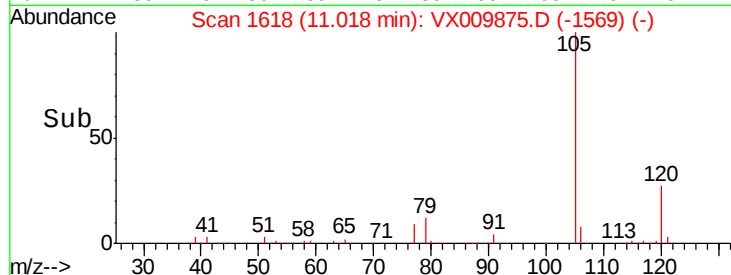
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.993 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Tgt Ion: 43 Resp: 268848

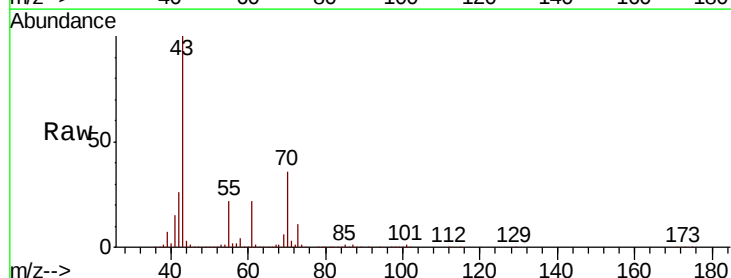
Ion Ratio Lower Upper

43 100

70 35.2 30.0 45.0

55 21.8 17.9 26.9

61 21.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

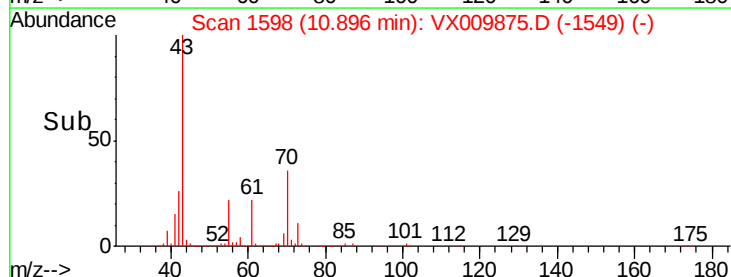
300000

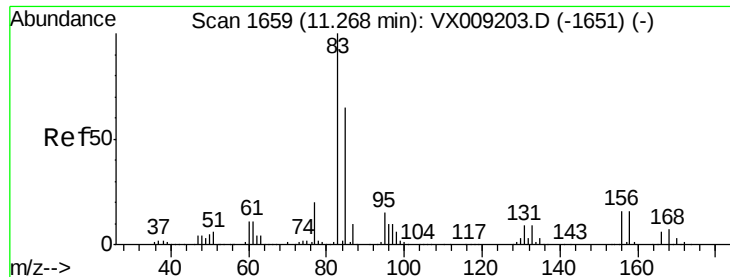
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.364 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

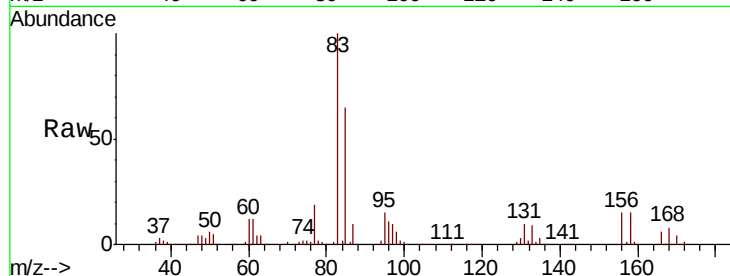
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 155325

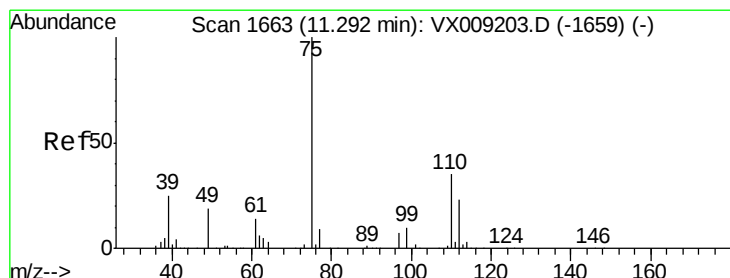
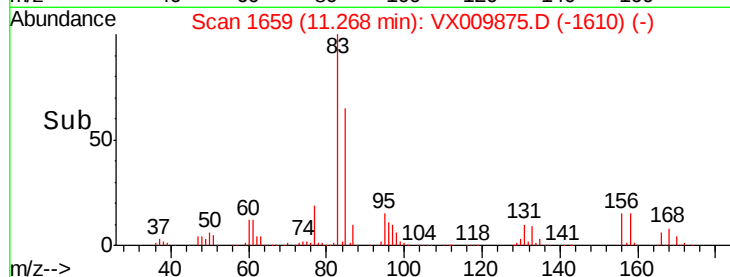
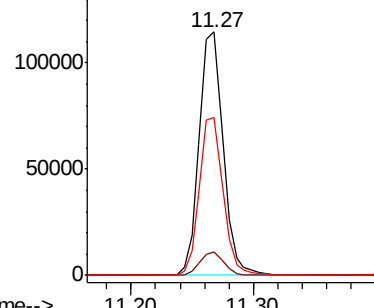
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	64.3	32.0	96.2



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: 61.557 ug/l

RT: 11.29 min Scan# 1663

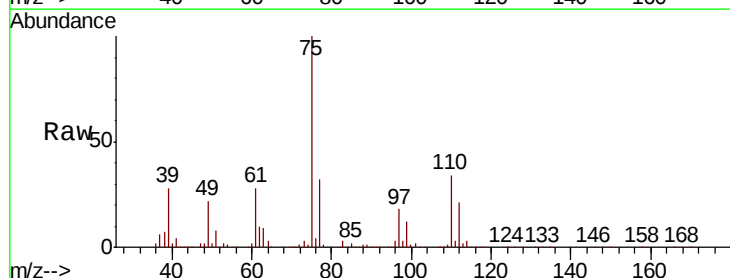
Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

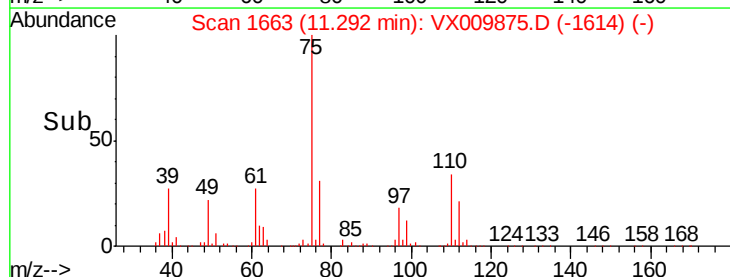
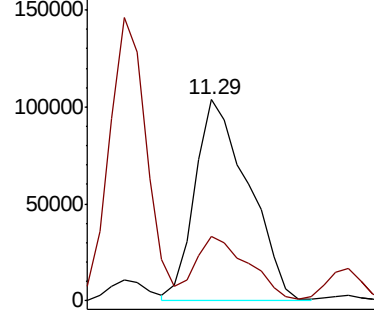
Tgt Ion: 75 Resp: 188670

Ion	Ratio	Lower	Upper
75	100		
77	31.8	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: 45.209 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

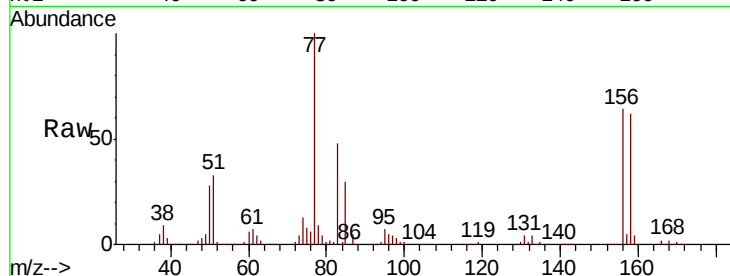
Tot Ion:156 Resp: 107816

Ion Ratio Lower Upper

156 100

77 171.0 84.8 254.3

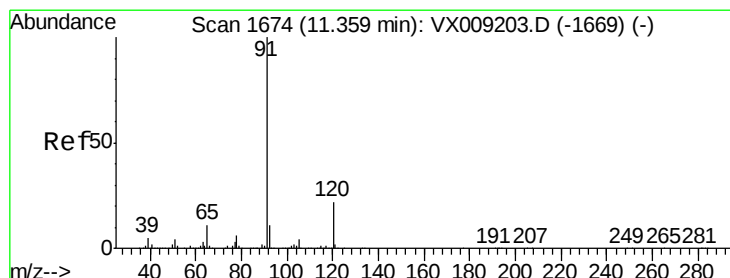
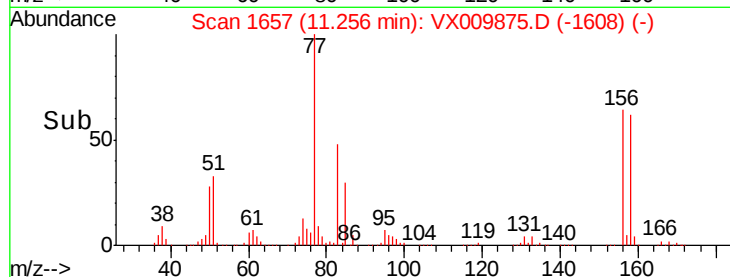
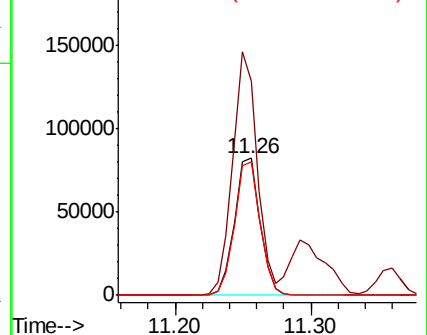
158 96.9 49.1 147.3



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: 46.439 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009875.D

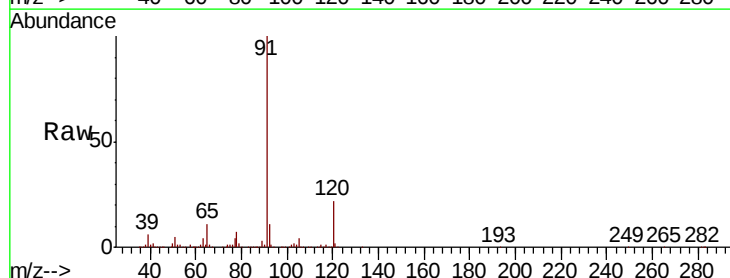
Acq: 24 May 2019 09:44

Tgt Ion: 91 Resp: 509592

Ion Ratio Lower Upper

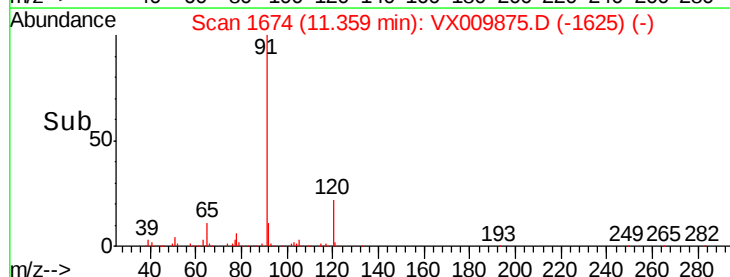
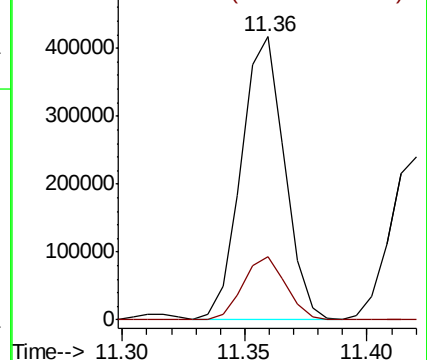
91 100

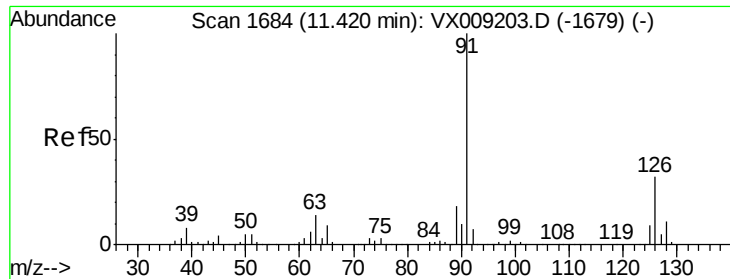
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

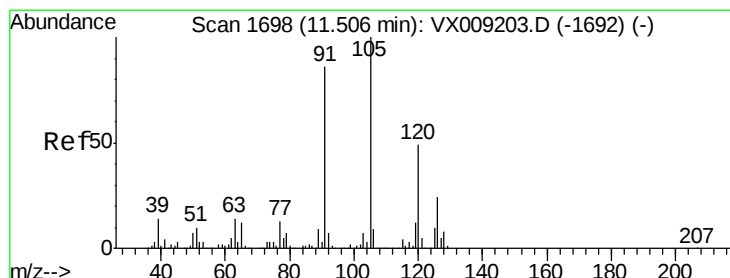
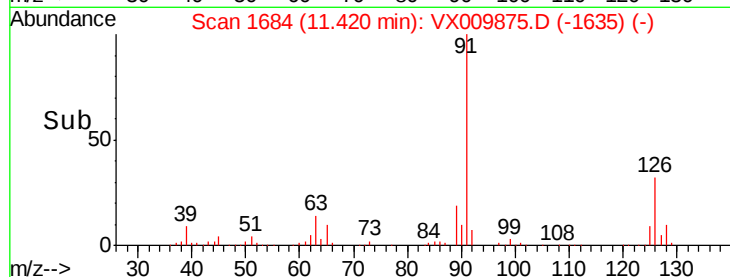
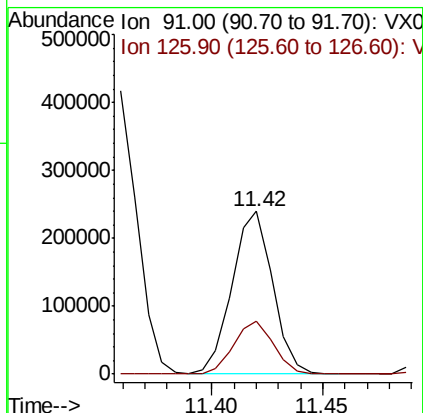
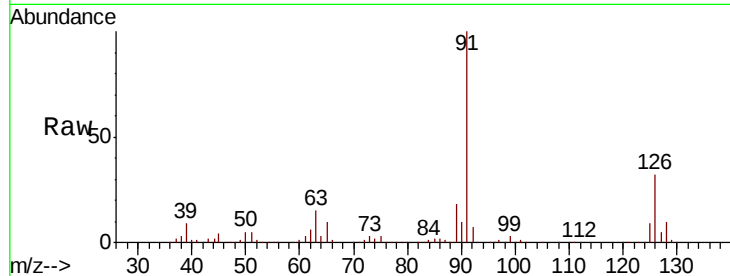




#79
 2-Chlorotoluene
 Concen: 44.777 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

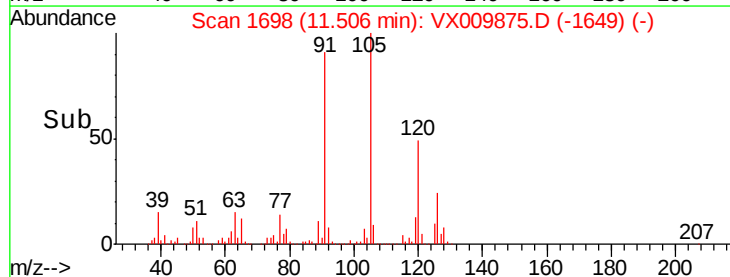
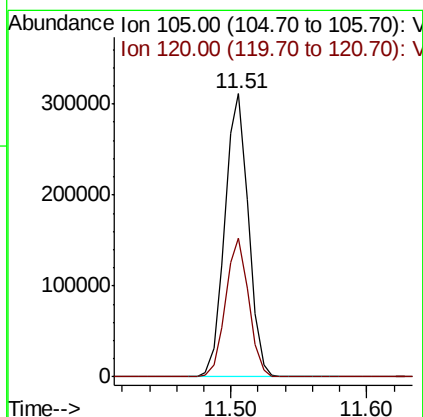
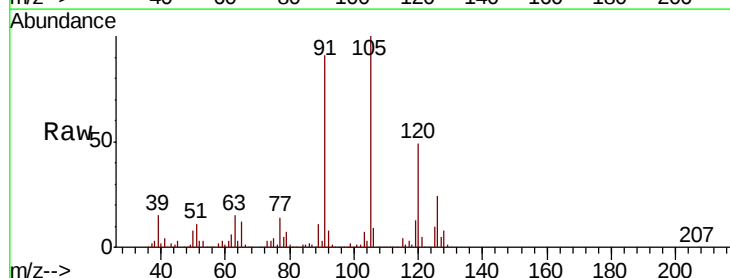
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

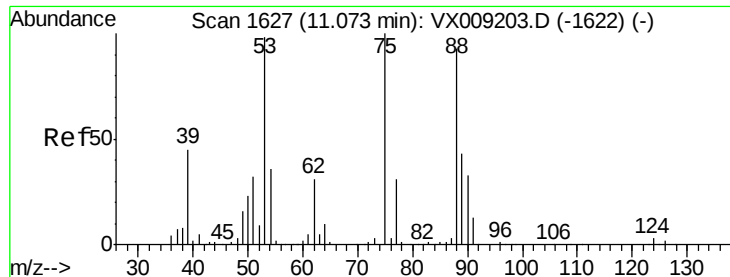
Tot Ion: 91 Resp: 303142
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 46.108 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion: 105 Resp: 373025
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.736 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

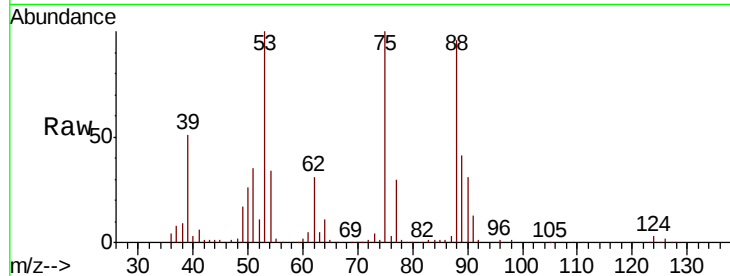
Tot Ion: 75 Resp: 55985

Ion Ratio Lower Upper

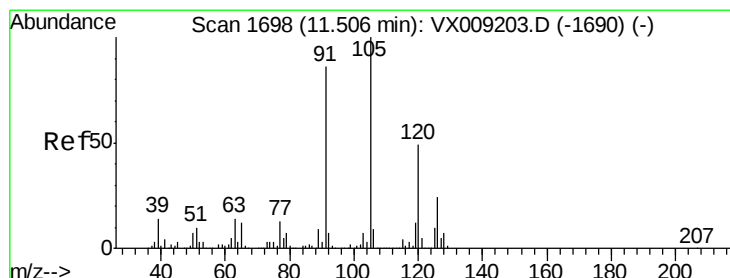
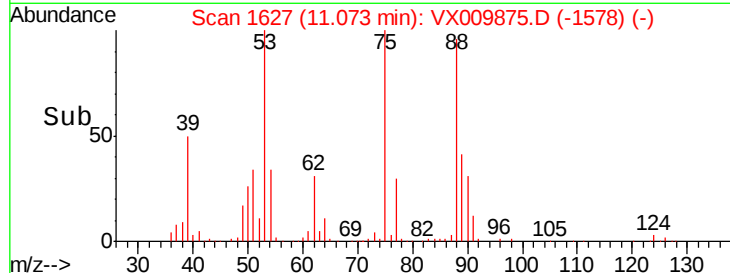
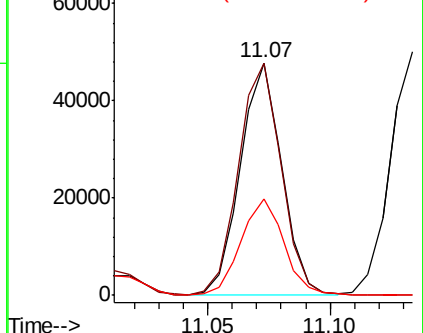
75 100

53 103.2 79.0 118.6

89 43.5 34.7 52.1



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: 46.606 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009875.D

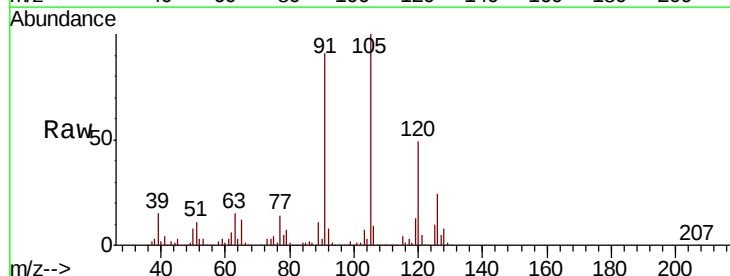
Acq: 24 May 2019 09:44

Tgt Ion: 91 Resp: 356449

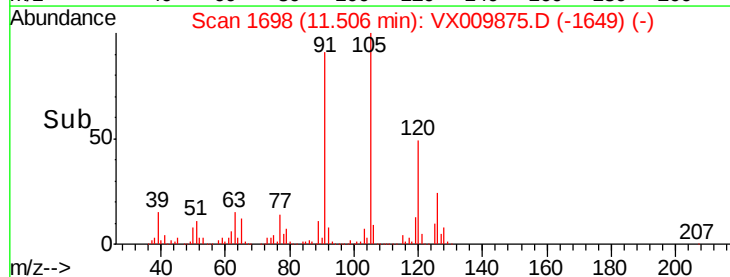
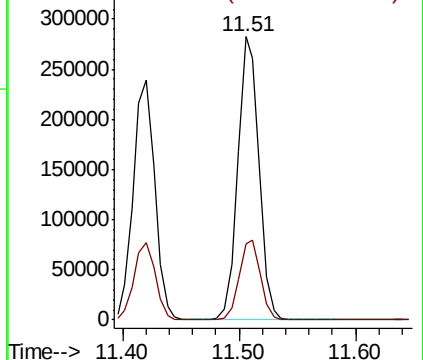
Ion Ratio Lower Upper

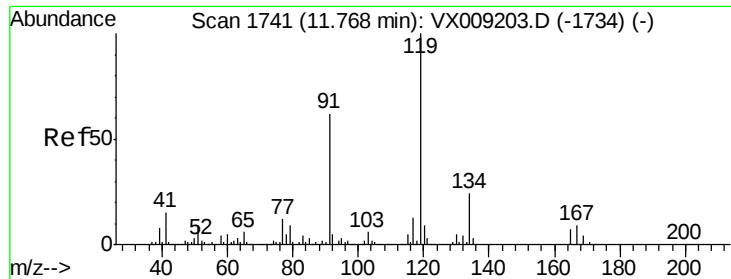
91 100

126 28.6 14.5 43.6



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

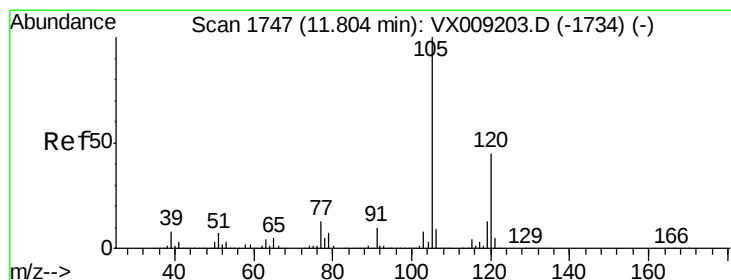
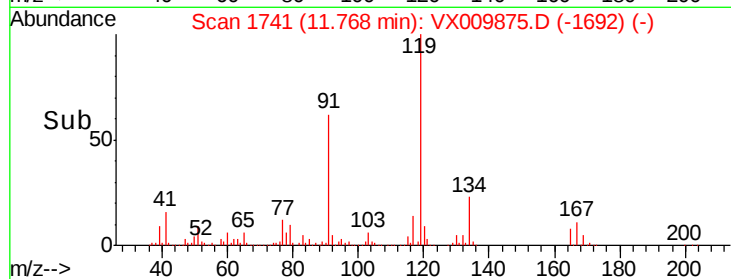
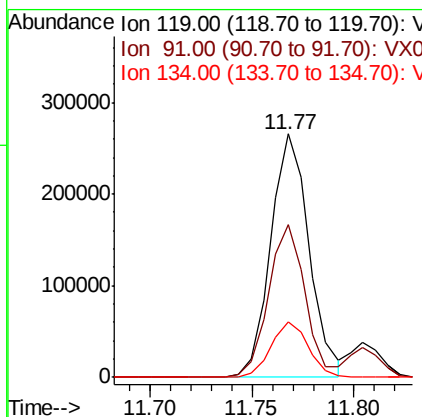
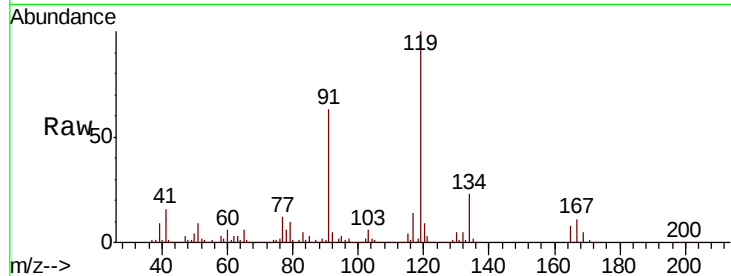




#83
 tert-Butylbenzene
 Concen: 44.230 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

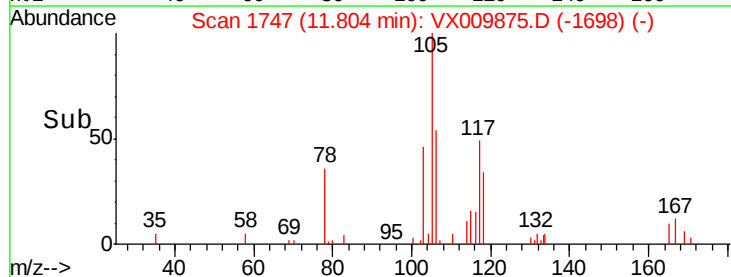
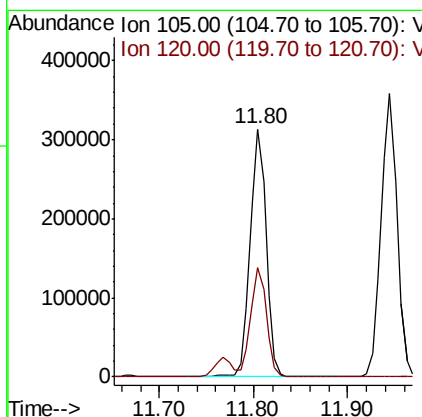
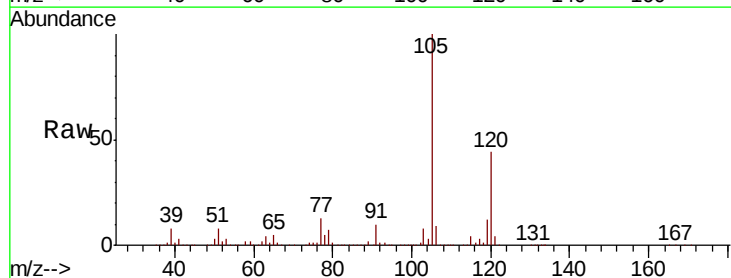
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 348097
 Ion Ratio Lower Upper
 119 100
 91 60.0 29.5 88.5
 134 22.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.370 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion:105 Resp: 376553
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0

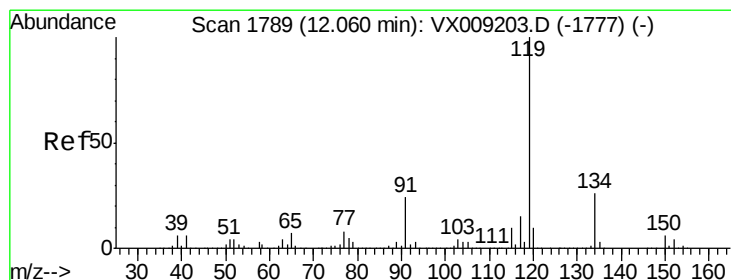
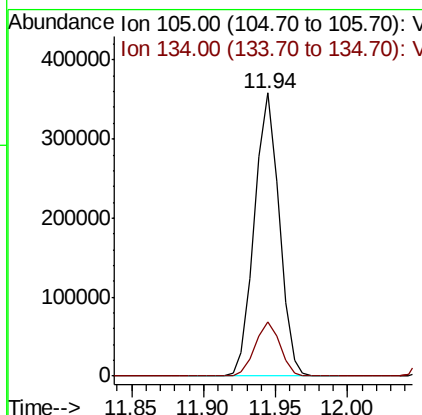
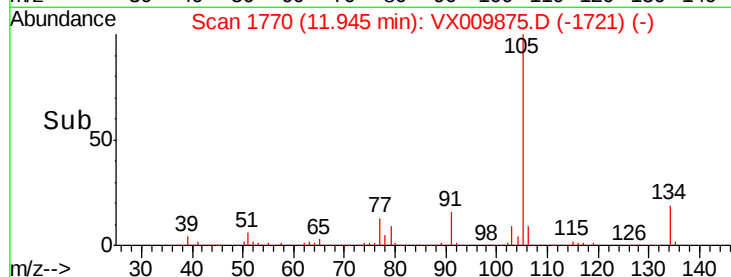
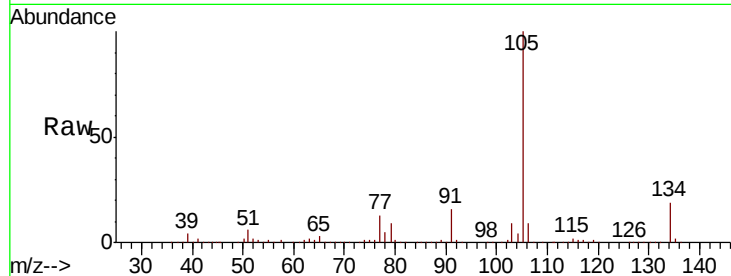




#85
 sec-Butylbenzene
 Concen: 45.404 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

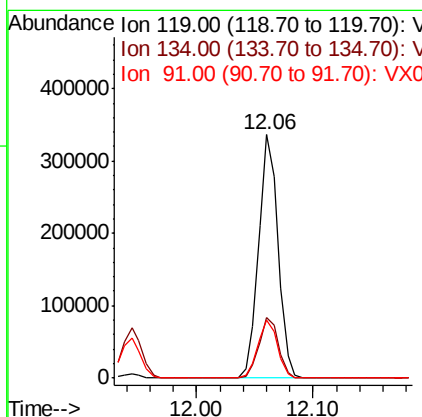
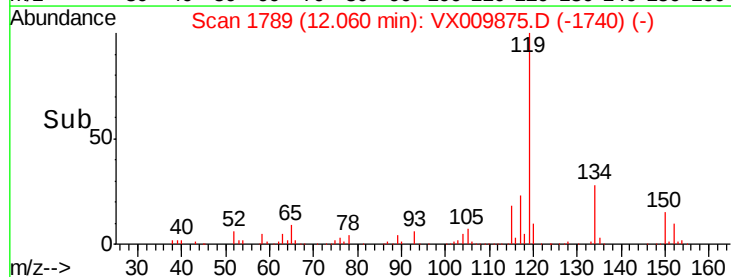
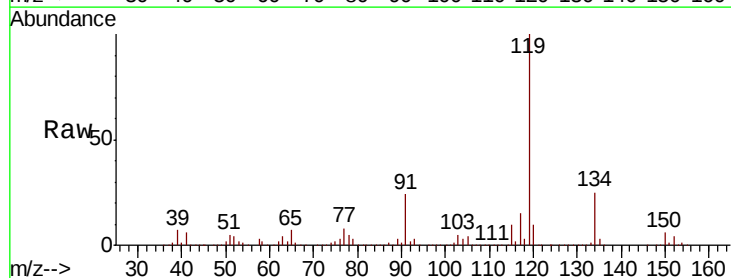
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 423649
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.837 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion:119 Resp: 392880
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 46.142 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

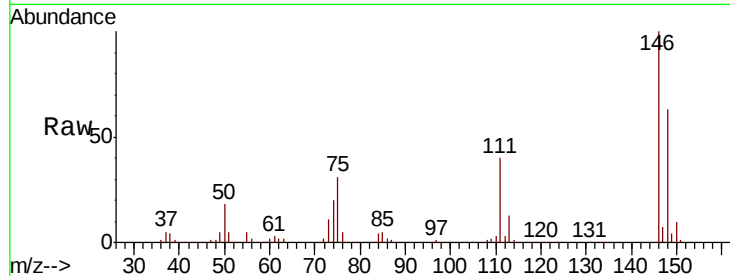
Tot Ion:146 Resp: 196168

Ion Ratio Lower Upper

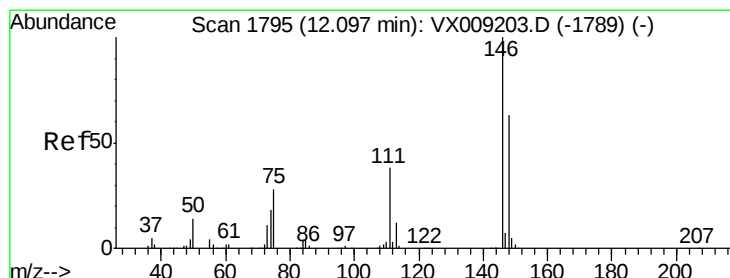
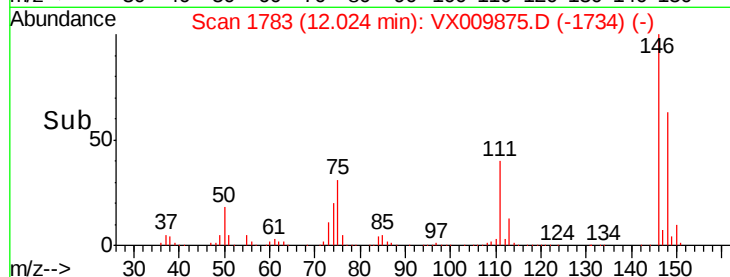
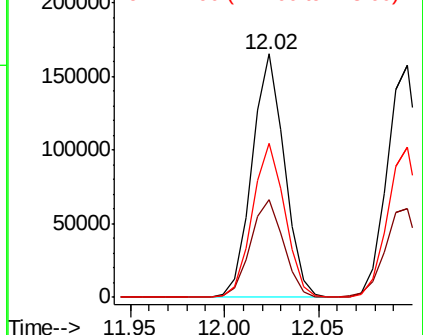
146 100

111 40.8 20.0 59.9

148 63.6 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 45.801 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

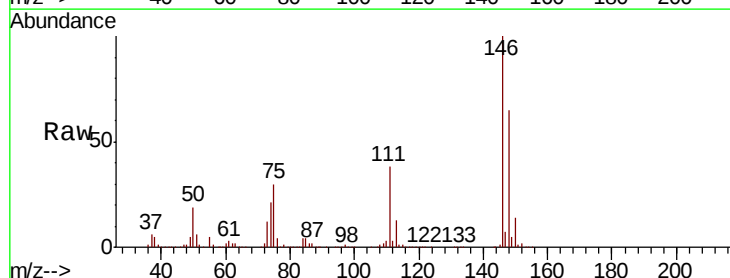
Tgt Ion:146 Resp: 196314

Ion Ratio Lower Upper

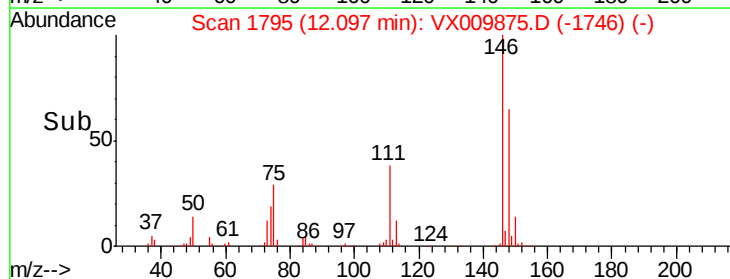
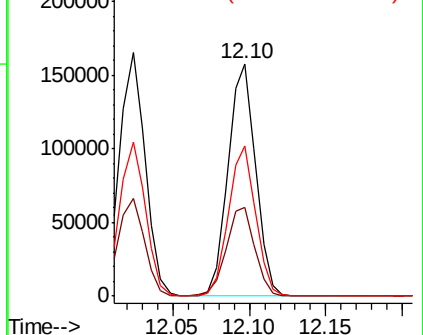
146 100

111 39.7 19.6 58.8

148 63.6 31.8 95.3



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

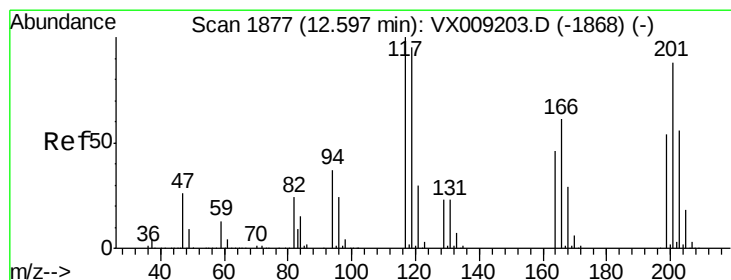
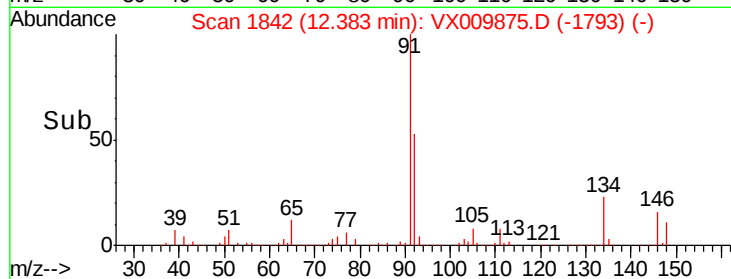
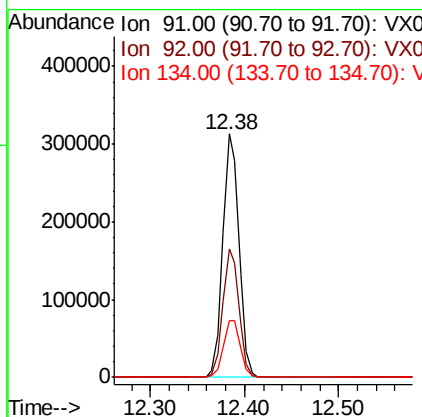
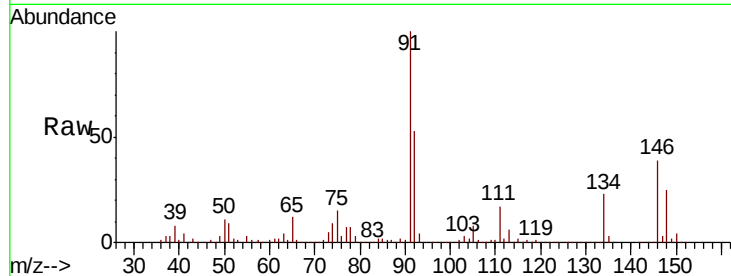




#89
n-Butylbenzene
Concen: 49.144 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

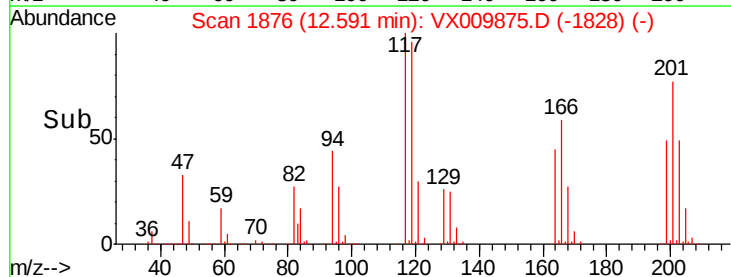
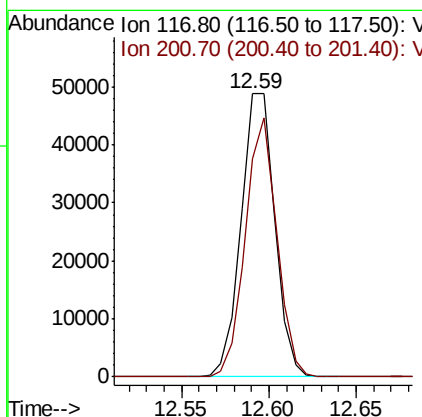
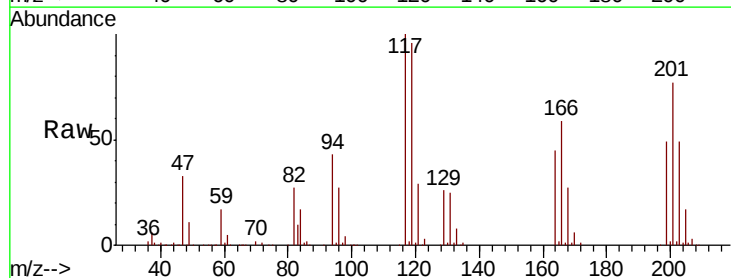
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

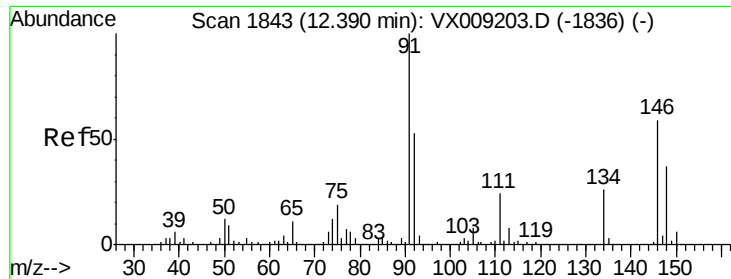
Tot Ion: 91 Resp: 372595
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.2 12.4 37.2



#90
Hexachloroethane
Concen: 45.959 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion: 117 Resp: 65679
Ion Ratio Lower Upper
117 100
201 85.1 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 43.972 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

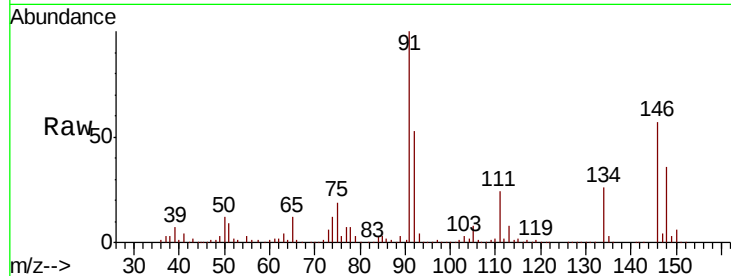
Tot Ion:146 Resp: 190408

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.4

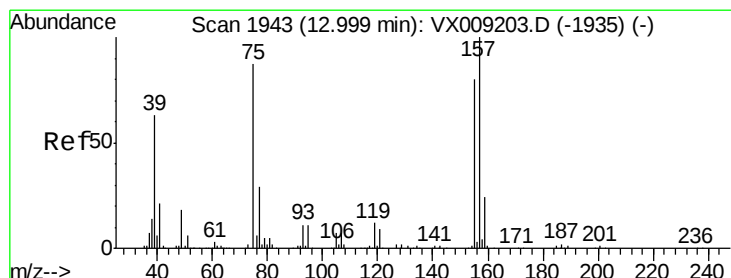
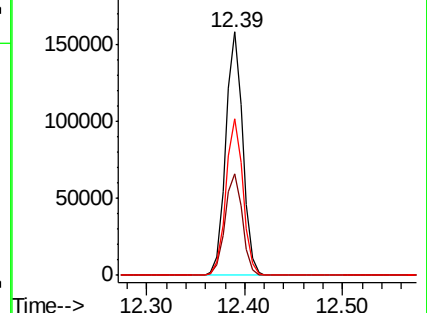
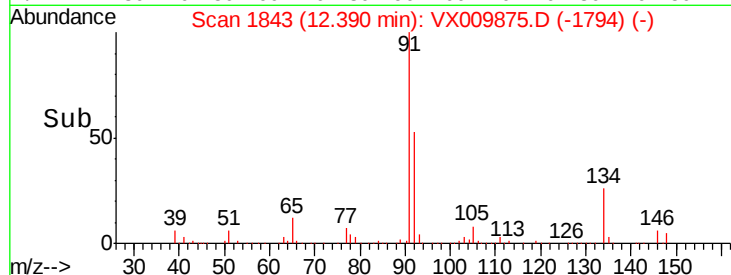
148 64.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.339 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009875.D

Acq: 24 May 2019 09:44

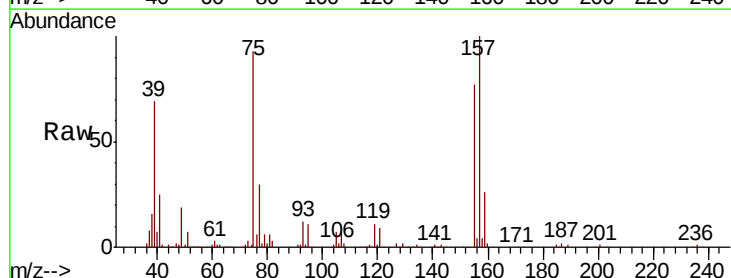
Tgt Ion: 75 Resp: 35627

Ion Ratio Lower Upper

75 100

155 79.3 42.0 126.0

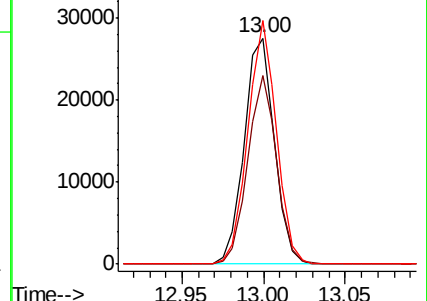
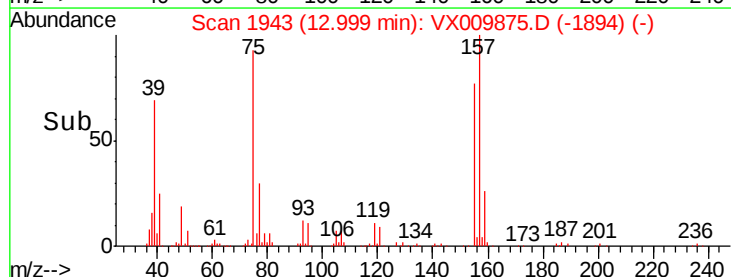
157 101.4 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

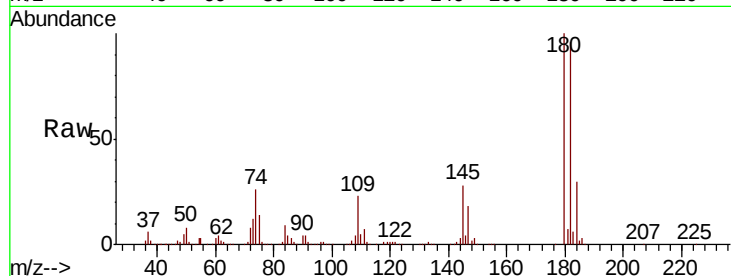




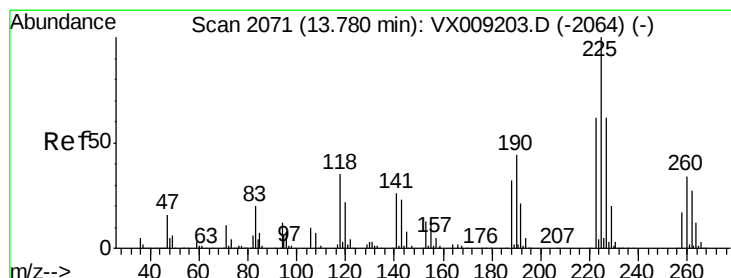
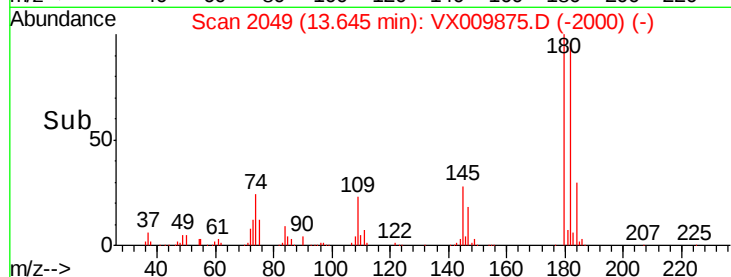
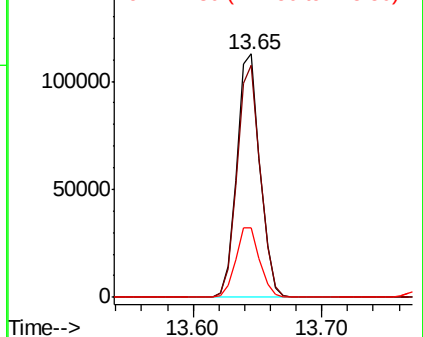
#93
 1,2,4-Trichlorobenzene
 Concen: 47.646 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 141088
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.2
 145 29.4 14.6 43.8

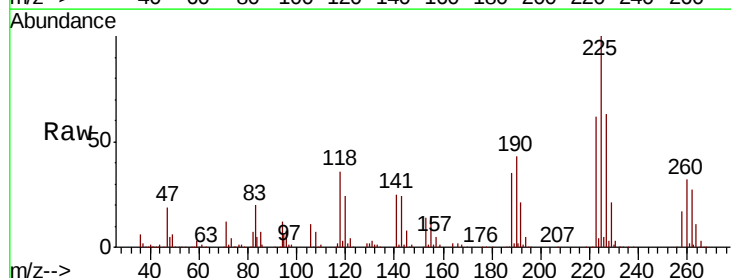


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

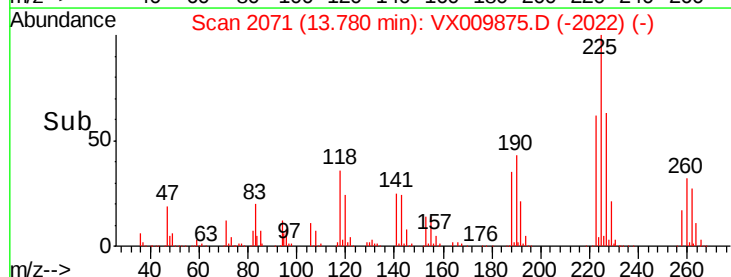
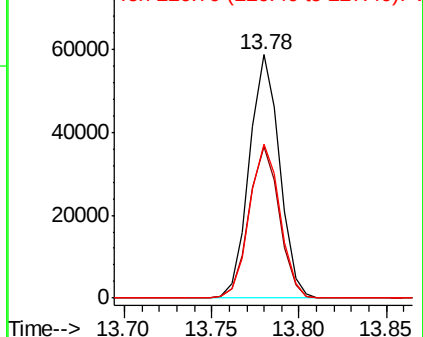


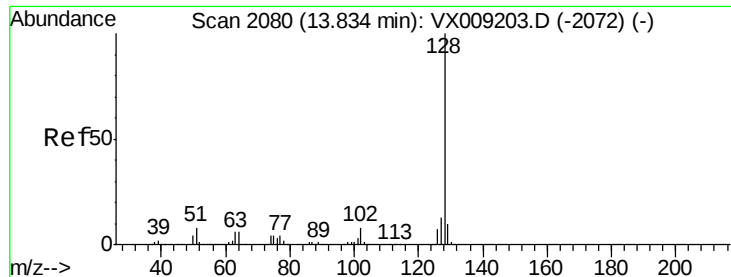
#94
 Hexachlorobutadiene
 Concen: 46.759 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009875.D
 Acq: 24 May 2019 09:44

Tgt Ion:225 Resp: 70707
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 63.7 31.8 95.3



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

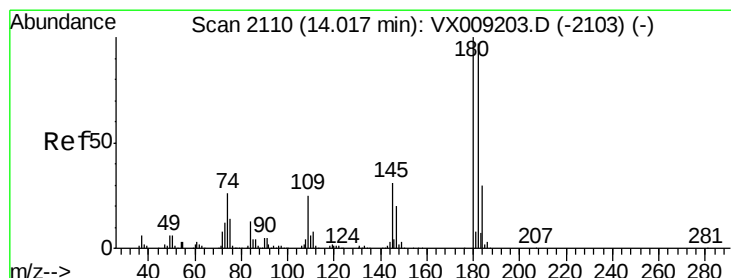
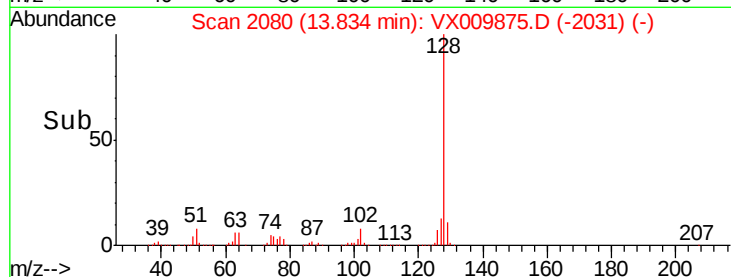
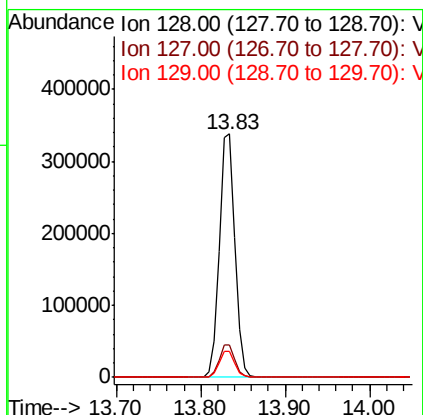
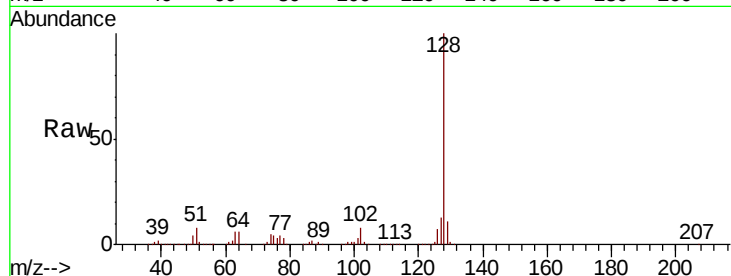




#95
Naphthalene
Concen: 45.004 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 433572
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.090 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009875.D
Acq: 24 May 2019 09:44

Tgt Ion:180 Resp: 138345
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.4
145 31.3 15.4 46.4

