

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018979.D
 Acq On : 20 Oct 2020 16:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 20 18:23:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	158065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	284053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	263383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	132053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	12879	6.13	ug/l	0.00
Spiked Amount			Recovery	=	12.26%	
35) Dibromofluoromethane	5.46	113	9625	5.26	ug/l	0.00
Spiked Amount			Recovery	=	10.52%	
50) Toluene-d8	8.70	98	38445	5.36	ug/l	0.00
Spiked Amount			Recovery	=	10.72%	
62) 4-Bromofluorobenzene	11.12	95	14722	5.48	ug/l	0.00
Spiked Amount			Recovery	=	10.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	6754	4.950	ug/l	96
3) Chloromethane	1.31	50	8415	5.572	ug/l	97
4) Vinyl Chloride	1.39	62	11732	5.639	ug/l	95
5) Bromomethane	1.62	94	10283	5.993	ug/l	99
6) Chloroethane	1.70	64	9037	5.757	ug/l	95
7) Trichlorofluoromethane	1.91	101	21063	5.940	ug/l	91
8) Diethyl Ether	2.17	74	8858	6.331	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	11583	6.108	ug/l	96
10) Methyl Iodide	2.48	142	7588	4.265	ug/l	97
11) Tert butyl alcohol	3.01	59	13742	30.114	ug/l	98
12) 1,1-Dichloroethene	2.35	96	12363	6.071	ug/l	97
13) Acrolein	2.27	56	9275	33.756	ug/l	95
14) Allyl chloride	2.70	41	12047	5.580	ug/l	98
15) Acrylonitrile	3.11	53	23286	28.569	ug/l	98
16) Acetone	2.42	43	21458	25.041	ug/l	98
17) Carbon Disulfide	2.54	76	25164	5.691	ug/l	99
18) Methyl Acetate	2.75	43	9373	5.417	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	30211	5.801	ug/l	98
20) Methylene Chloride	2.83	84	11151	6.082	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	10585	5.684	ug/l	92
22) Diisopropyl ether	3.82	45	25418	5.868	ug/l	91
23) Vinyl Acetate	3.78	43	119213	28.774	ug/l	100
24) 1,1-Dichloroethane	3.66	63	17676	5.728	ug/l	98
25) 2-Butanone	4.63	43	33564	28.636	ug/l	98
26) 2,2-Dichloropropane	4.54	77	16732	5.616	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	12299	5.669	ug/l	99
28) Bromochloromethane	4.97	49	7734	5.923	ug/l	93
29) Tetrahydrofuran	5.09	42	18823	27.430	ug/l	98
30) Chloroform	5.17	83	19113	5.565	ug/l	97
31) Cyclohexane	5.54	56	14148	5.769	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	17106	5.545	ug/l	98
36) 1,1-Dichloropropene	5.76	75	14350	5.361	ug/l	98
37) Ethyl Acetate	4.78	43	12808	5.582	ug/l	97
38) Carbon Tetrachloride	5.74	117	14297	5.183	ug/l	92

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 Data File : VX018979.D
 Acq On : 20 Oct 2020 16:56
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 20 18:23:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	15798	5.401	ug/l	98
40) Benzene	6.10	78	42920	5.514	ug/l	99
41) Methacrylonitrile	4.99	41	7069	5.597	ug/l	98
42) 1,2-Dichloroethane	6.16	62	15530	5.776	ug/l	100
43) Isopropyl Acetate	6.40	43	22319	5.564	ug/l	100
44) Trichloroethene	7.18	130	11698	5.349	ug/l	94
45) 1,2-Dichloropropane	7.48	63	10715	5.723	ug/l	99
46) Dibromomethane	7.63	93	7985	5.729	ug/l	95
47) Bromodichloromethane	7.87	83	15174	5.426	ug/l	97
48) Methyl methacrylate	7.74	41	10953	5.933	ug/l	94
49) 1,4-Dioxane	7.71	88	5417	116.886	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	67496	28.758	ug/l	97
52) Toluene	8.76	92	28227	5.549	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	17599	5.563	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	18294	5.482	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	11485	5.636	ug/l	100
56) Ethyl methacrylate	9.16	69	16485	5.392	ug/l	90
57) 1,3-Dichloropropane	9.35	76	18640	5.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	43219	27.905	ug/l	99
59) 2-Hexanone	9.47	43	51444	28.315	ug/l	95
60) Dibromochloromethane	9.56	129	11511	5.034	ug/l	97
61) 1,2-Dibromoethane	9.65	107	11837	5.421	ug/l	97
64) Tetrachloroethene	9.32	164	10259	4.804	ug/l	97
65) Chlorobenzene	10.12	112	30459	5.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	10745	5.315	ug/l	99
67) Ethyl Benzene	10.23	91	53821	5.506	ug/l	93
68) m/p-Xylenes	10.34	106	40791	10.689	ug/l	96
69) o-Xylene	10.68	106	19498	5.400	ug/l	95
70) Styrene	10.70	104	32523	5.275	ug/l	96
71) Bromoform	10.84	173	8036	4.906	ug/l #	99
73) Isopropylbenzene	11.00	105	51981	5.616	ug/l	99
74) N-amyl acetate	10.88	43	18820	5.899	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	18181	6.134	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	20968	7.818	ug/l	85
77) Bromobenzene	11.24	156	11854	5.152	ug/l	88
78) n-propylbenzene	11.34	91	61340	5.758	ug/l	96
79) 2-Chlorotoluene	11.40	91	35925	5.765	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	43331	5.515	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	6046	5.605	ug/l	95
82) 4-Chlorotoluene	11.49	91	43470	5.823	ug/l	94
83) tert-Butylbenzene	11.76	119	42269	5.497	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	44237	5.604	ug/l	99
85) sec-Butylbenzene	11.93	105	51449	5.579	ug/l	97
86) p-Isopropyltoluene	12.05	119	47608	5.594	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	23086	5.398	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	24686	5.598	ug/l	93
89) n-Butylbenzene	12.37	91	46164	5.943	ug/l	96
90) Hexachloroethane	12.58	117	7169	5.268	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	22763	5.506	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4210	6.179	ug/l	84

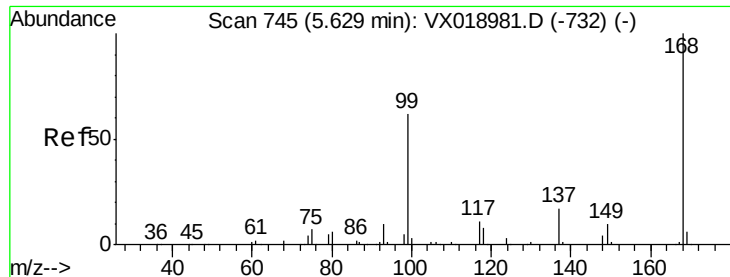
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
Data File : VX018979.D
Acq On : 20 Oct 2020 16:56
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 20 18:23:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 20 18:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	16298	5.751	ug/l	96
94) Hexachlorobutadiene	13.77	225	6498	5.383	ug/l	96
95) Naphthalene	13.82	128	53239	5.643	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	14377	5.307	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

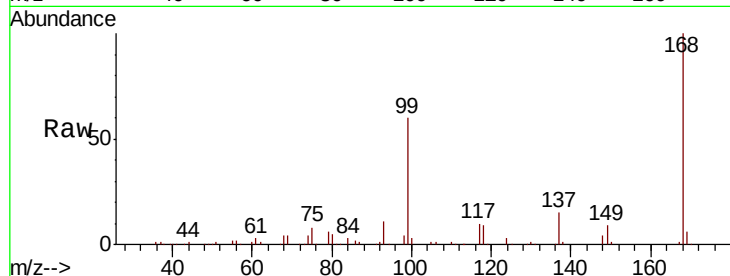
VSTDIC005

Tot Ion:168 Resp: 158065

Ion Ratio Lower Upper

168 100

99 59.5 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

60000

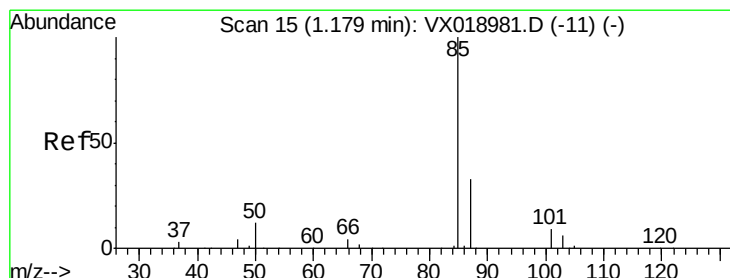
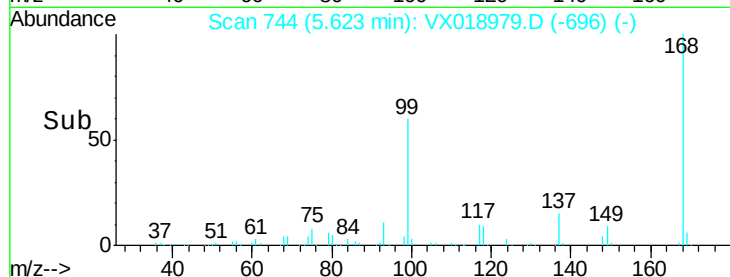
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.950 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX018979.D

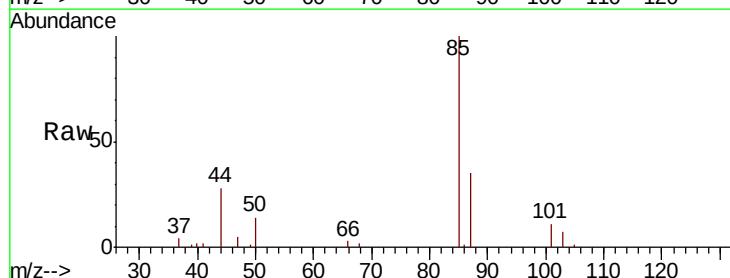
Acq: 20 Oct 2020 16:56

Tgt Ion: 85 Resp: 6754

Ion Ratio Lower Upper

85 100

87 34.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

6000

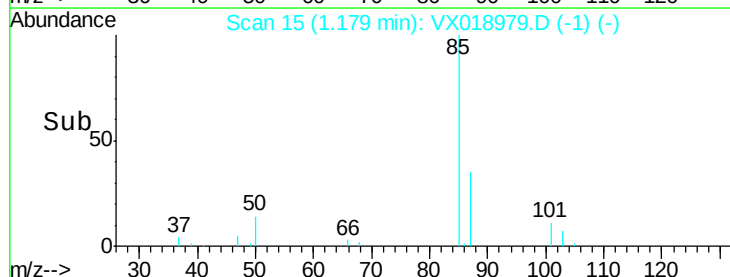
4000

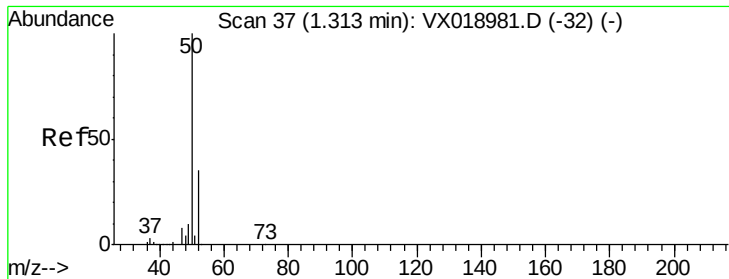
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.572 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

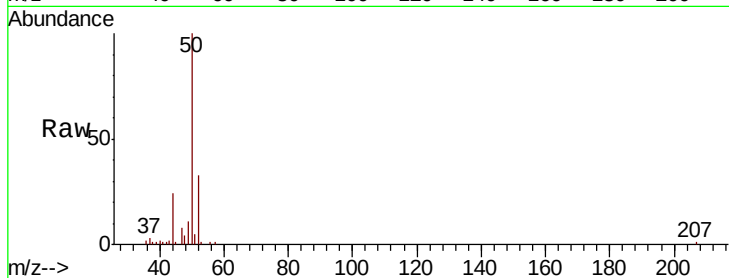
VSTDIC005

Tot Ion: 50 Resp: 8415

Ion Ratio Lower Upper

50 100

52 32.8 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

8000

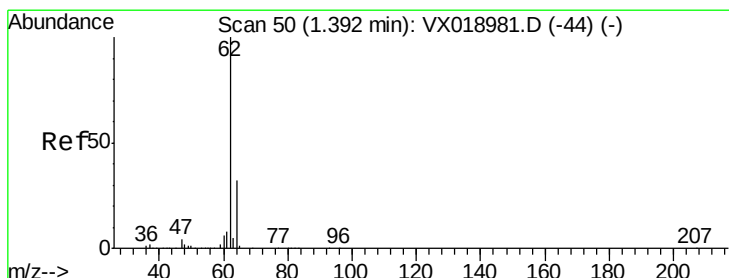
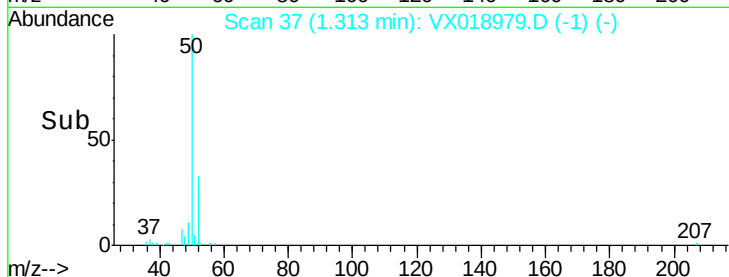
6000

4000

2000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 5.639 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018979.D

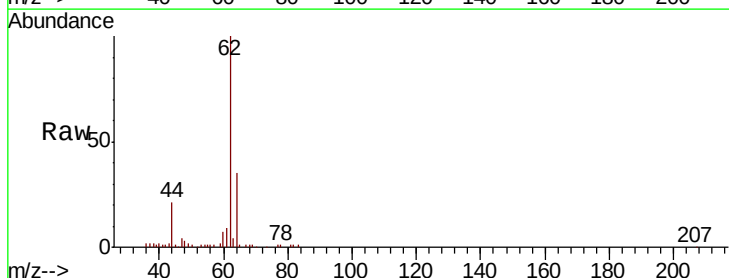
Acq: 20 Oct 2020 16:56

Tgt Ion: 62 Resp: 11732

Ion Ratio Lower Upper

62 100

64 35.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

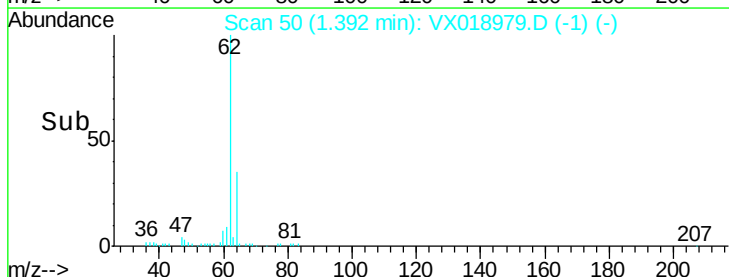
1.39

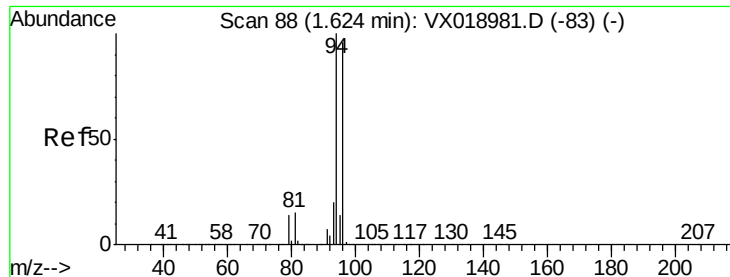
10000

5000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 5.993 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

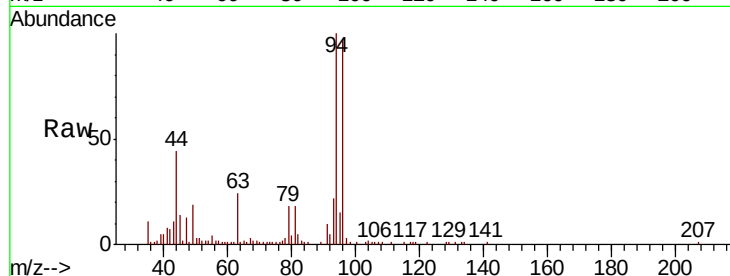
VSTDIC005

Tot Ion: 94 Resp: 10283

Ion Ratio Lower Upper

94 100

96 96.4 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

10000

8000

6000

4000

2000

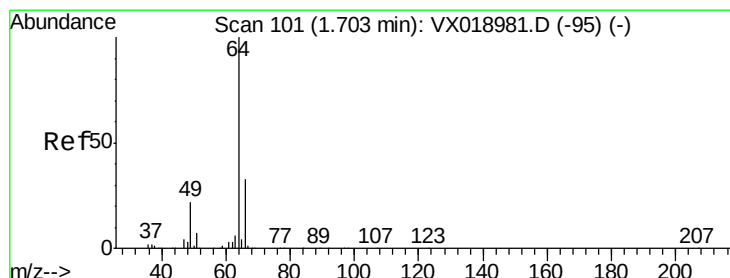
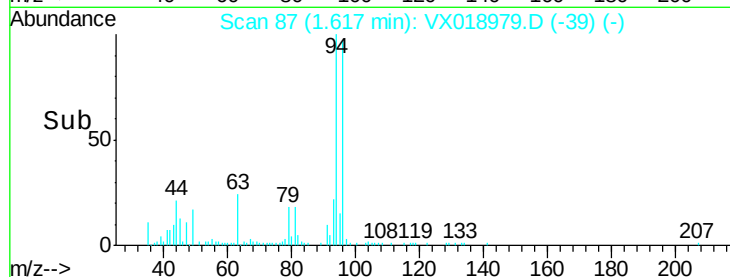
0

1.60

1.62

1.65

Time-->



#6

Chloroethane

Concen: 5.757 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX018979.D

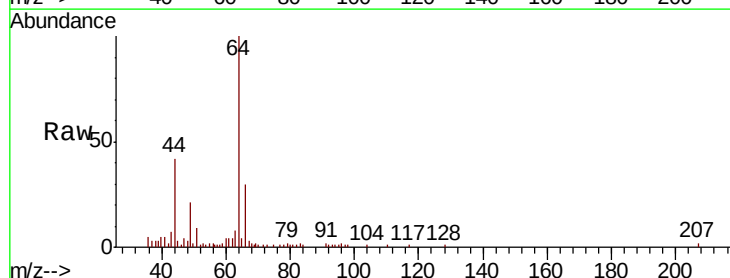
Acq: 20 Oct 2020 16:56

Tgt Ion: 64 Resp: 9037

Ion Ratio Lower Upper

64 100

66 30.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

8000

6000

4000

2000

0

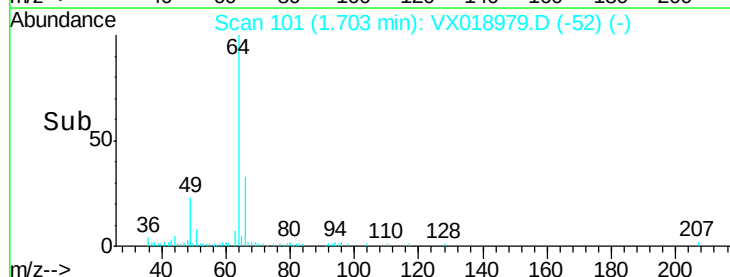
1.65

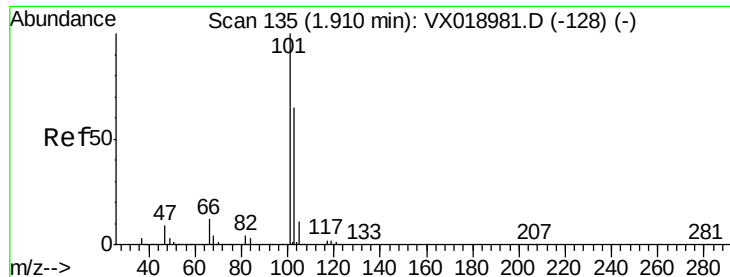
1.70

1.75

1.80

Time-->



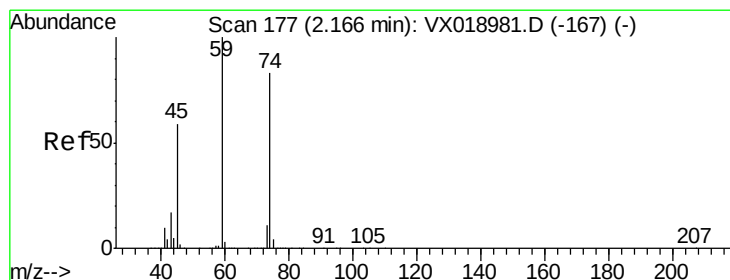
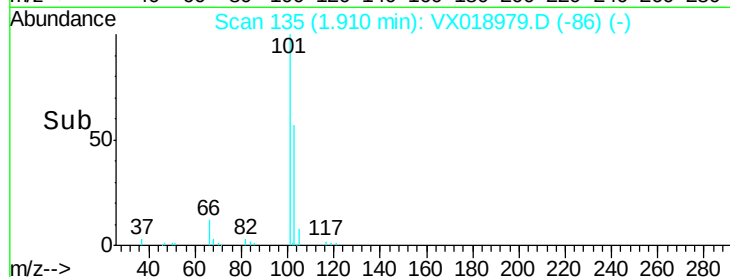
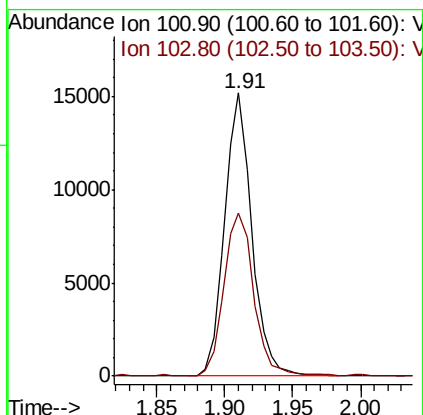
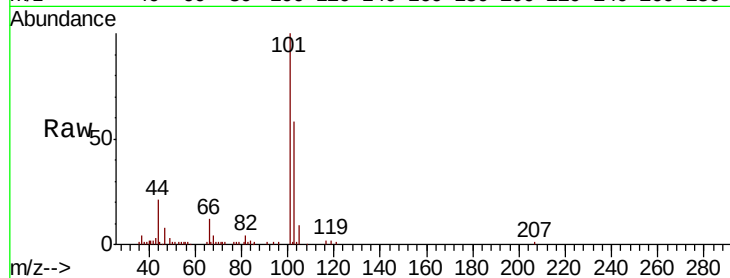


#7

Trichlorofluoromethane
 Concen: 5.940 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

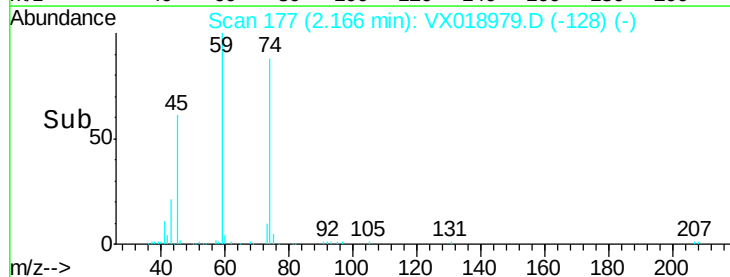
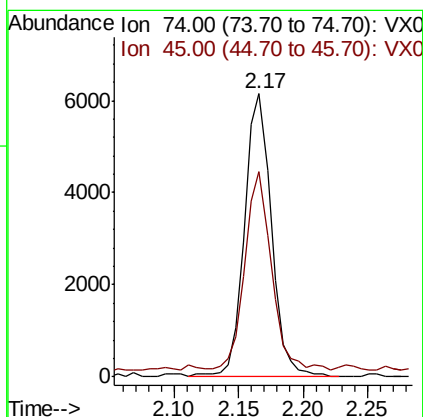
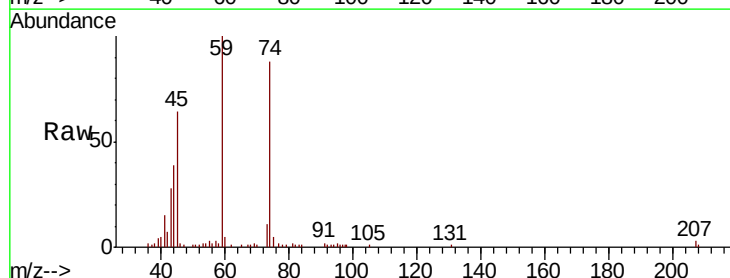
Tot Ion:101 Resp: 21063
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.6 77.4

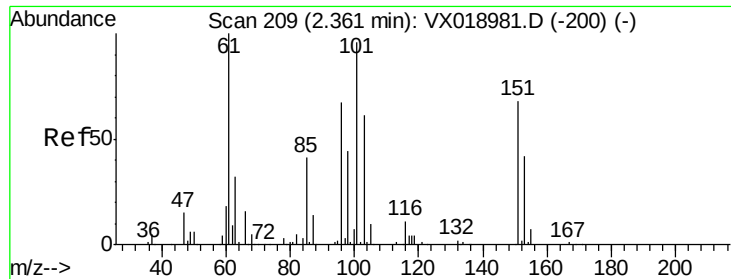


#8

Diethyl Ether
 Concen: 6.331 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion: 74 Resp: 8858
 Ion Ratio Lower Upper
 74 100
 45 68.7 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.108 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

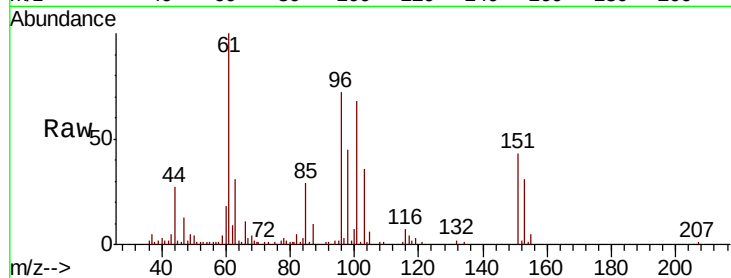
Tot Ion:101 Resp: 11583

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

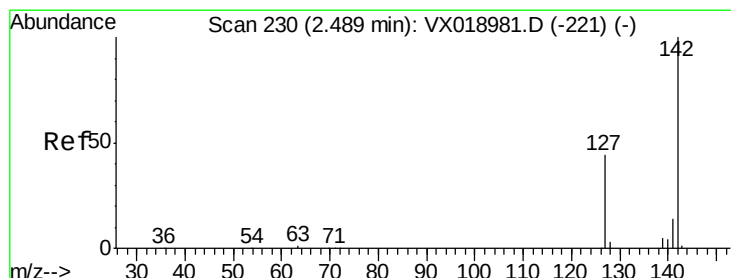
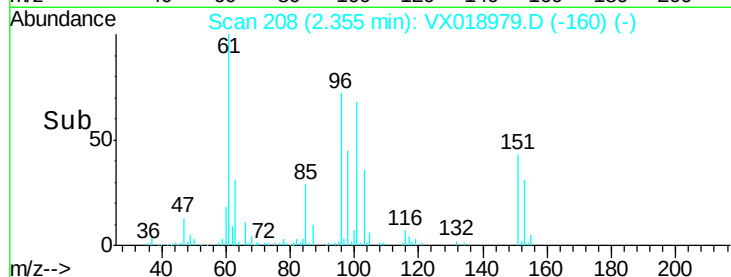
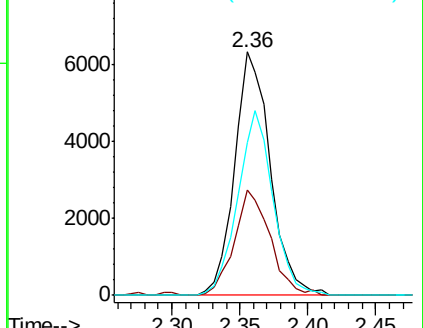
151 75.1 56.1 84.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.265 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

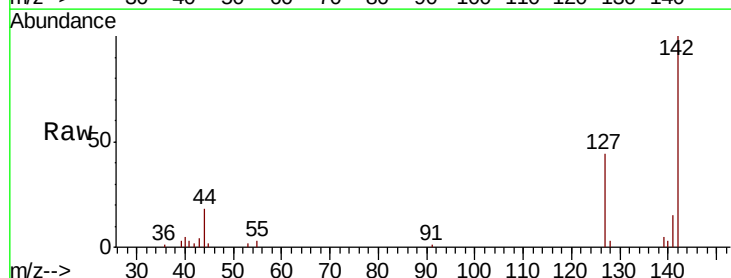
Tgt Ion:142 Resp: 7588

Ion Ratio Lower Upper

142 100

127 44.7 34.2 51.2

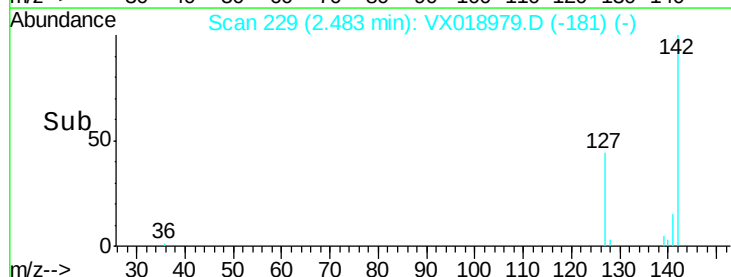
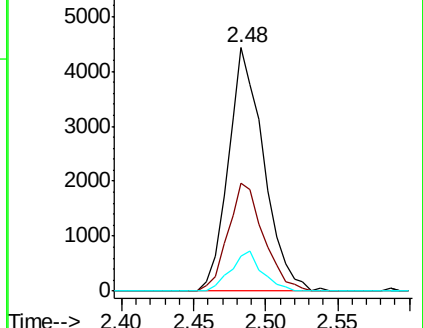
141 14.4 11.3 16.9

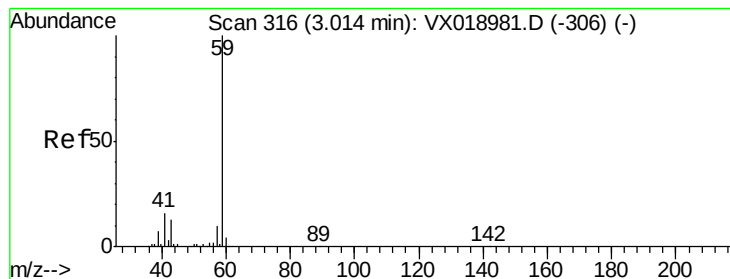


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 30.114 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

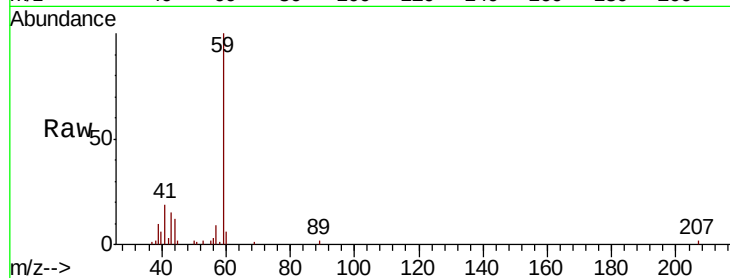
VSTDIC005

Tot Ion: 59 Resp: 13742

Ion Ratio Lower Upper

59 100

57 11.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

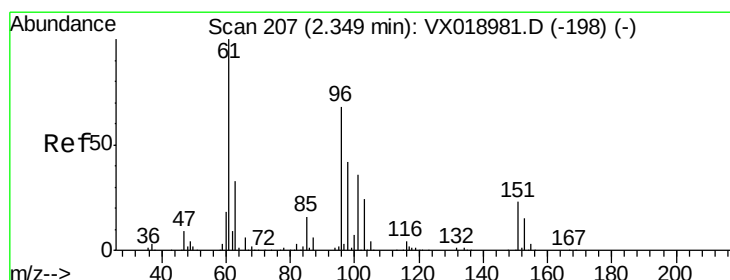
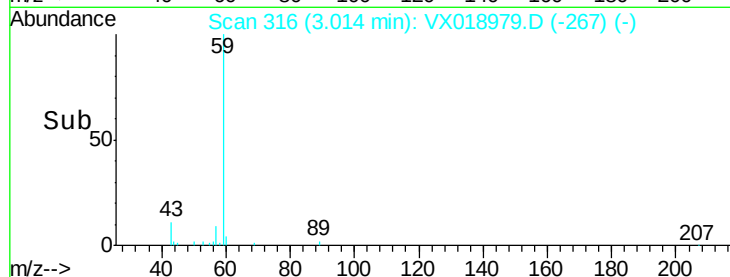
6000

4000

2000

0

Time--> 2.90 2.95 3.00 3.05 3.10



#12

1,1-Dichloroethene

Concen: 6.071 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

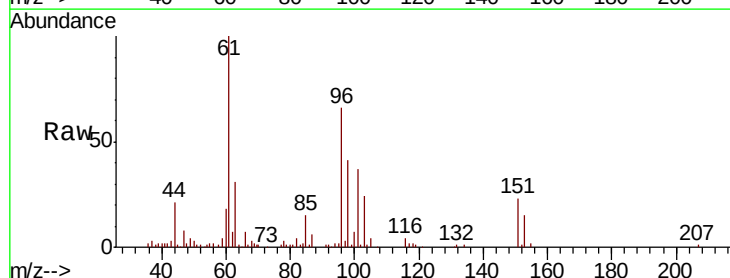
Tgt Ion: 96 Resp: 12363

Ion Ratio Lower Upper

96 100

61 152.0 117.4 176.0

98 62.2 48.9 73.3



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

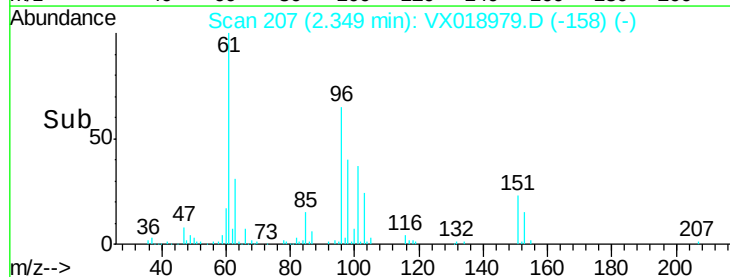
15000

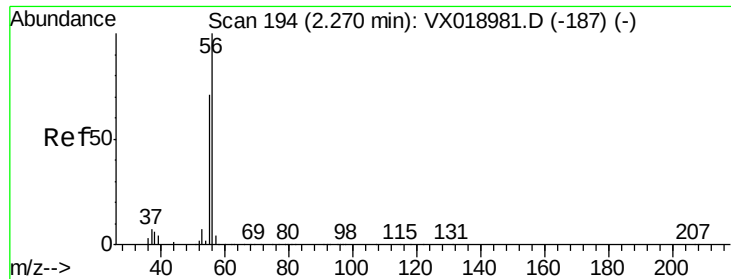
10000

5000

0

Time--> 2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 33.756 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

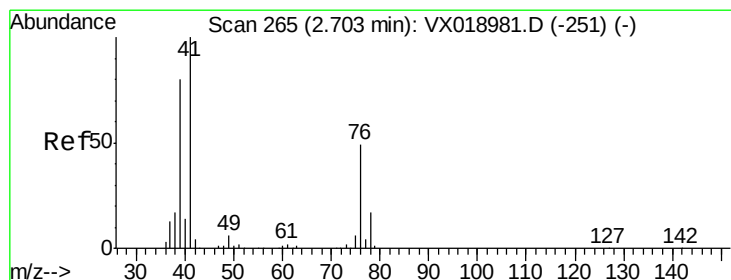
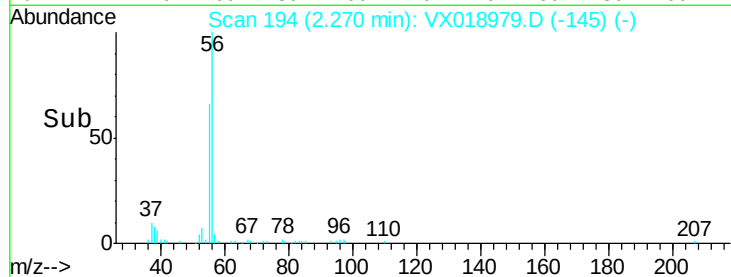
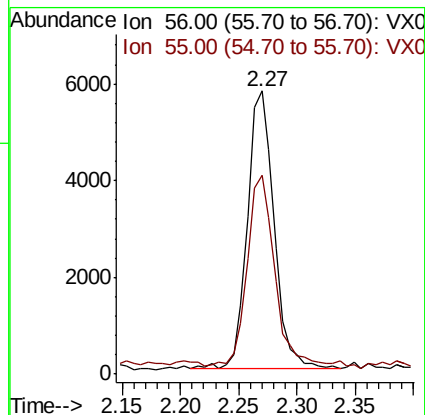
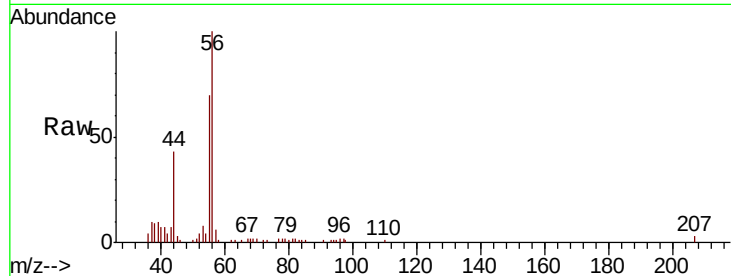
VSTDIC005

Tot Ion: 56 Resp: 9275

Ion Ratio Lower Upper

56 100

55 73.6 55.4 83.2



#14

Allyl chloride

Concen: 5.580 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

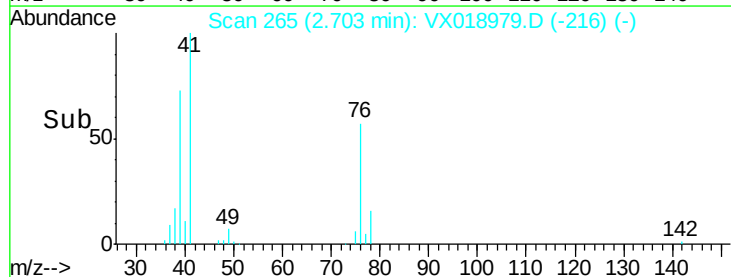
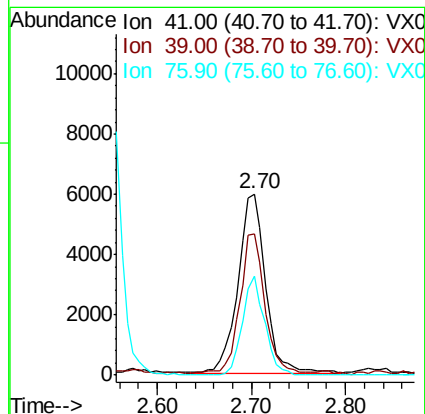
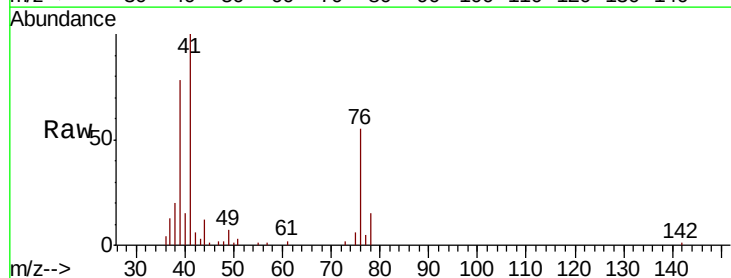
Tgt Ion: 41 Resp: 12047

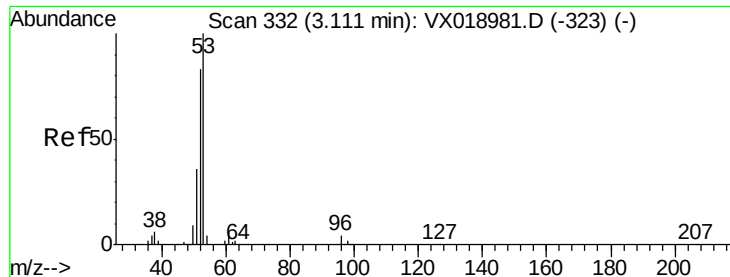
Ion Ratio Lower Upper

41 100

39 70.0 57.8 86.8

76 44.6 36.2 54.4

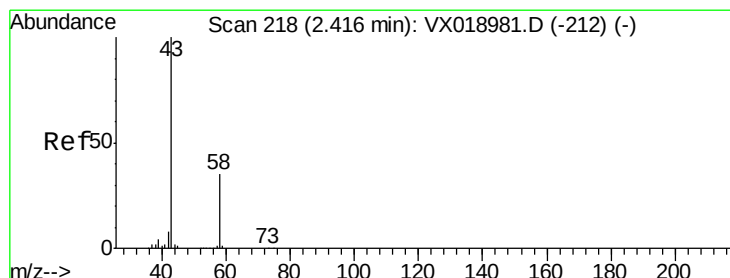
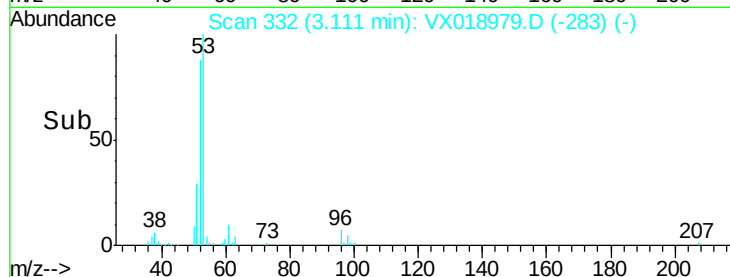
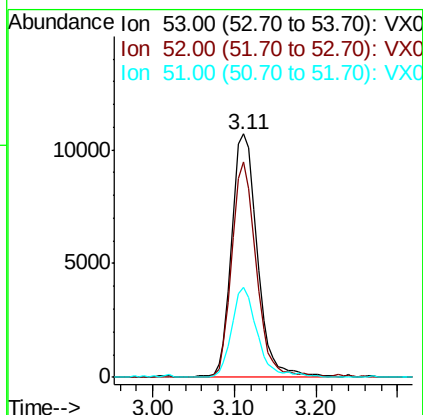
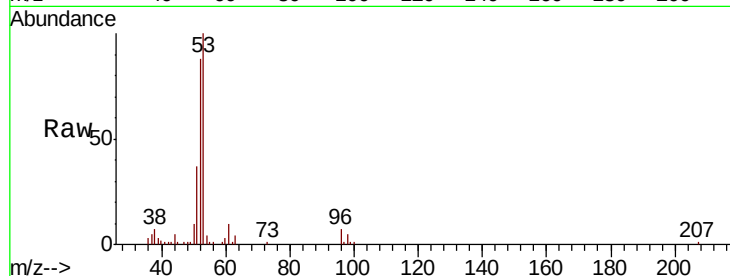




#15
 Acrylonitrile
 Concen: 28.569 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

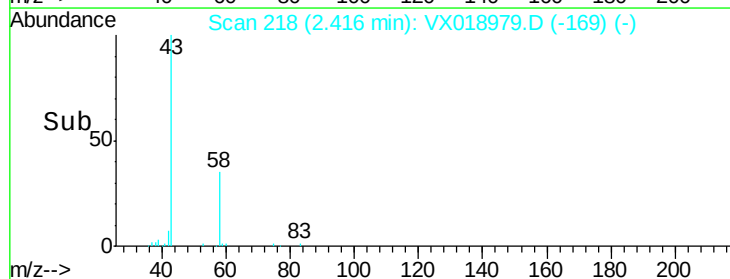
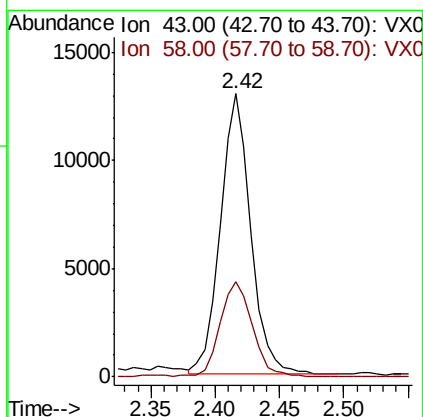
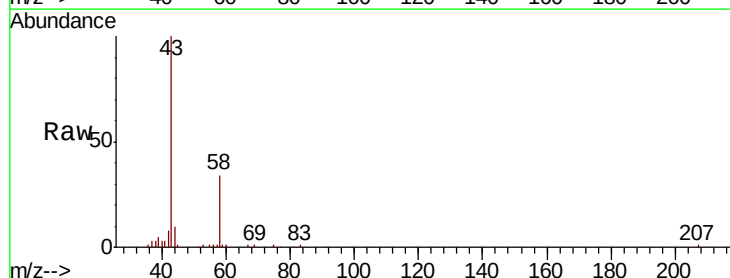
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

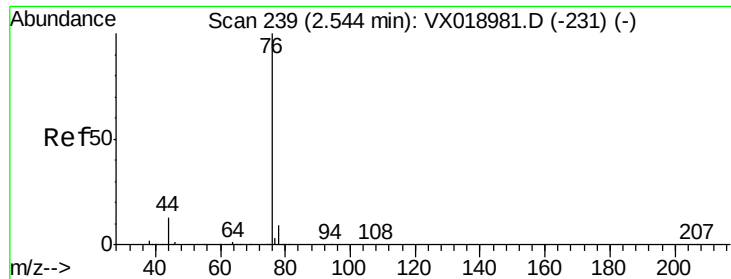
Tot Ion	53	Resp	23286
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.5	98.3
51	36.8	28.8	43.2



#16
 Acetone
 Concen: 25.041 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion	43	Resp	21458
Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.9	41.9

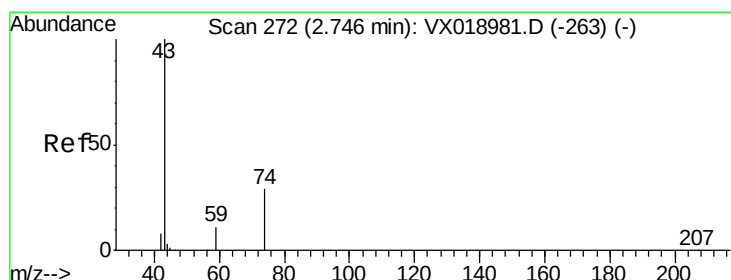
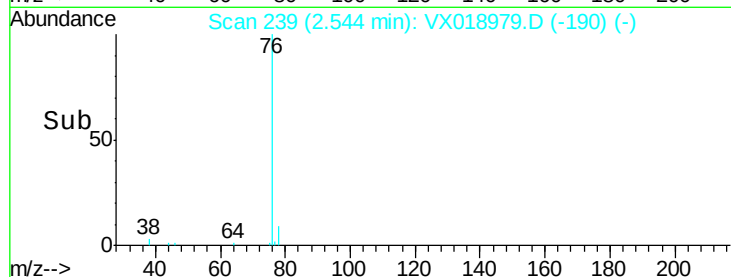
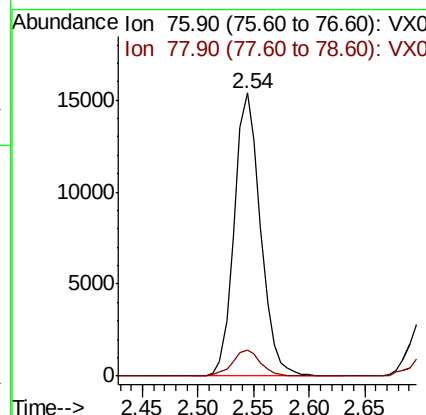
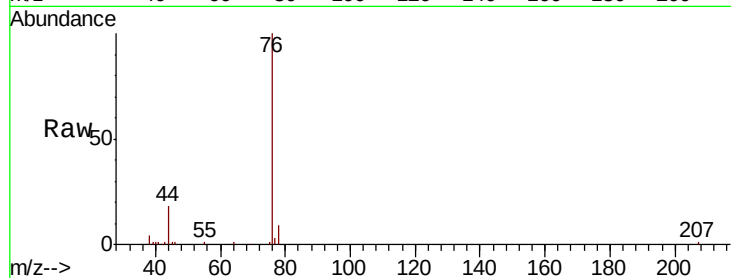




#17
Carbon Disulfide
Concen: 5.691 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

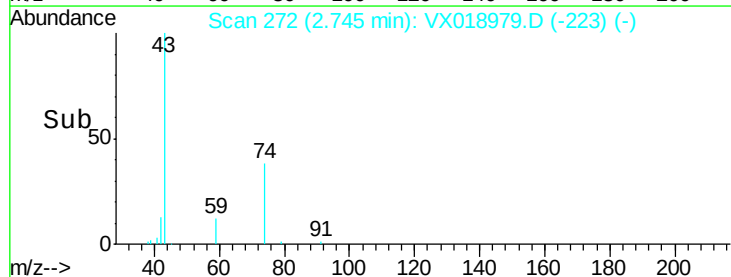
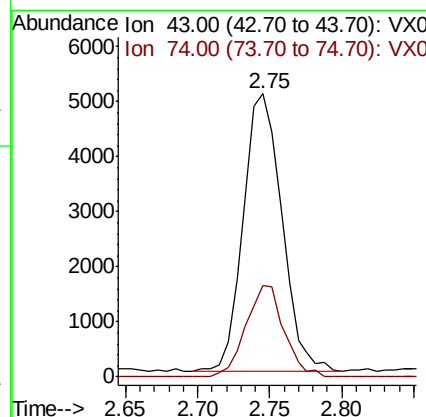
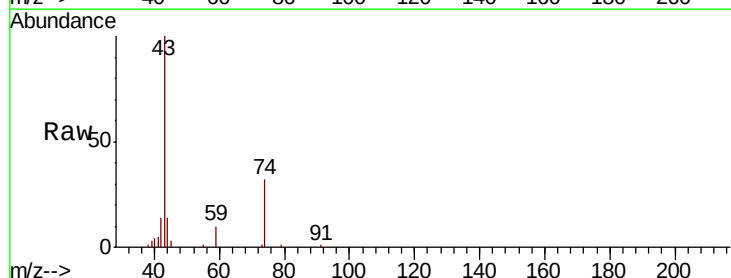
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

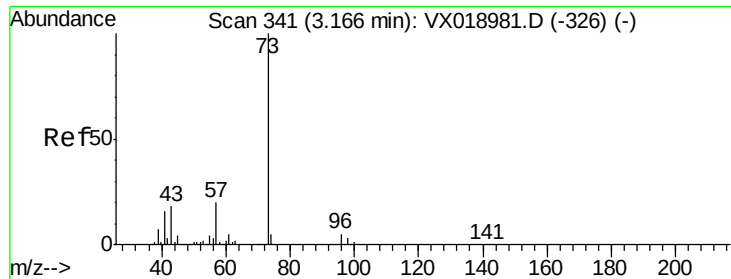
Tot Ion: 76 Resp: 25164
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 5.417 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 43 Resp: 9373
Ion Ratio Lower Upper
43 100
74 32.3 24.1 36.1

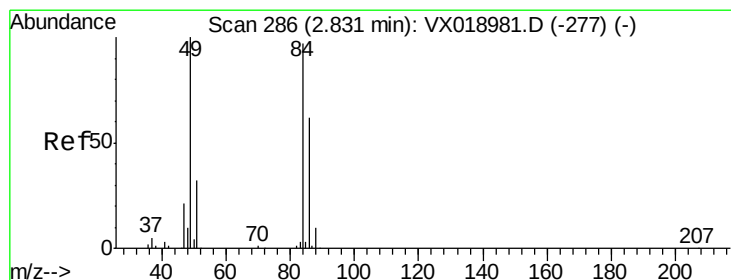
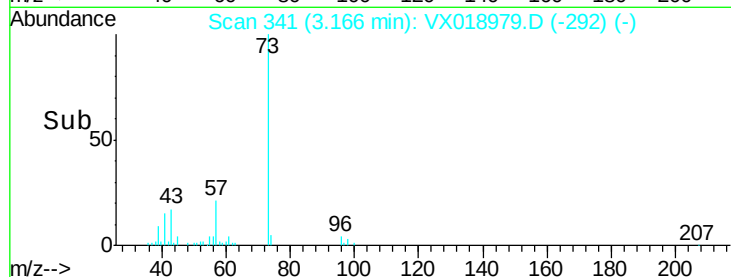
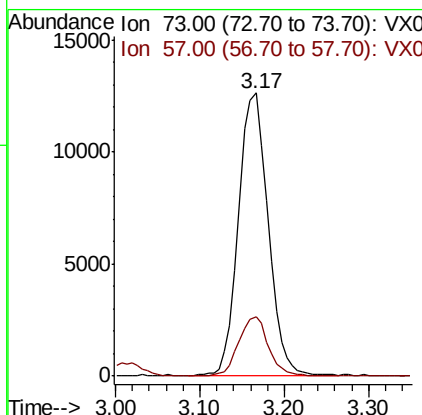
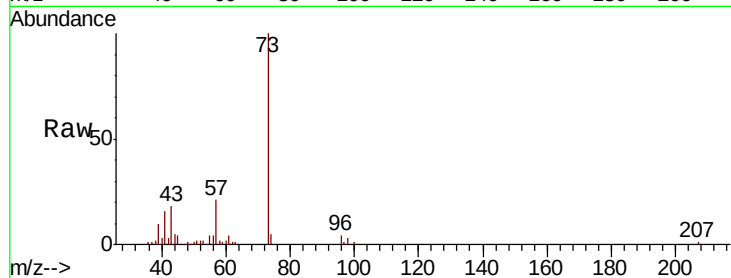




#19
Methyl tert-butyl Ether
Concen: 5.801 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

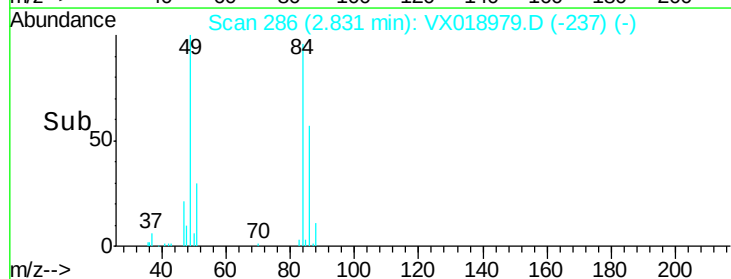
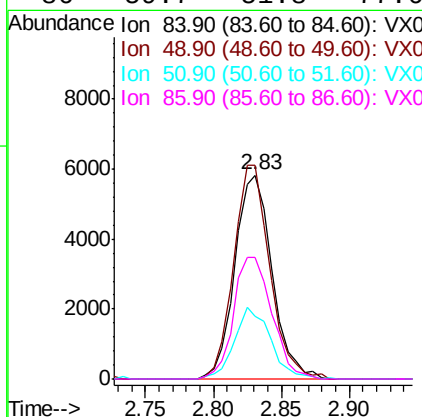
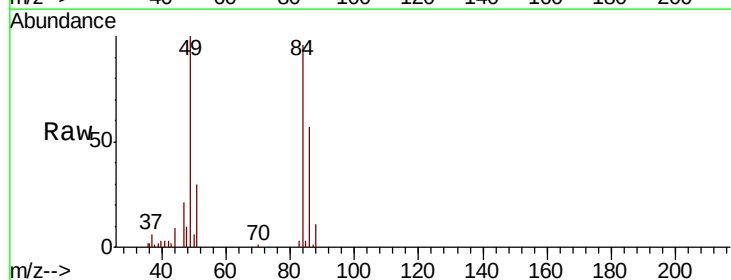
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

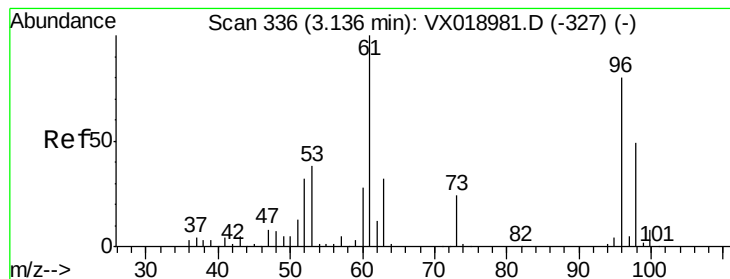
Tot Ion: 73 Resp: 30211
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.2



#20
Methylene Chloride
Concen: 6.082 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 84 Resp: 11151
Ion Ratio Lower Upper
84 100
49 104.6 82.9 124.3
51 31.0 26.4 39.6
86 59.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 5.684 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

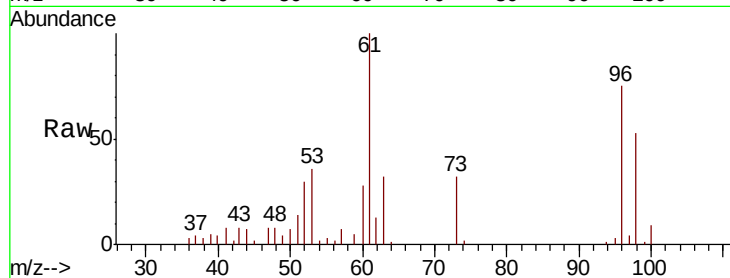
Tot Ion: 96 Resp: 10585

Ion Ratio Lower Upper

96 100

61 132.9 99.8 149.8

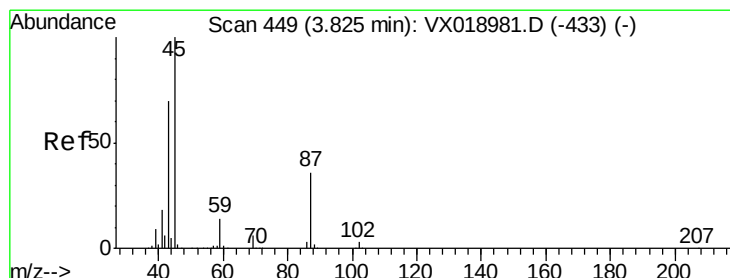
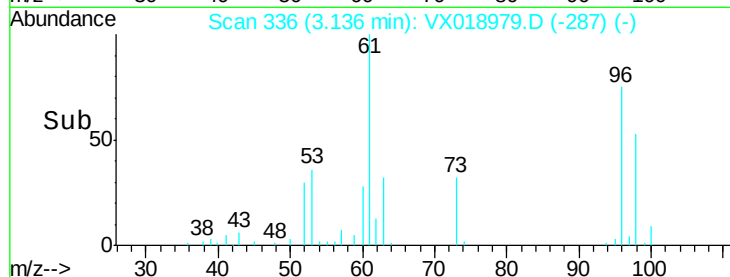
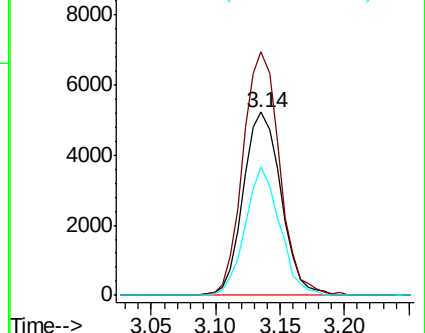
98 69.8 49.1 73.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.868 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Tgt Ion: 45 Resp: 25418

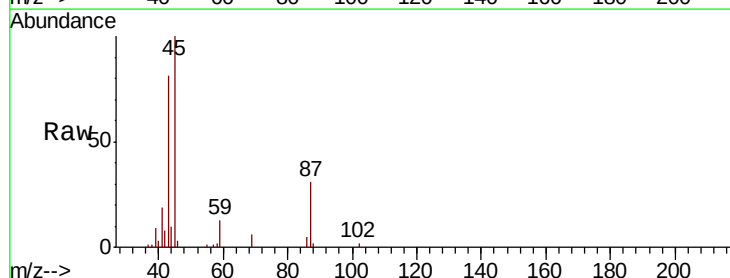
Ion Ratio Lower Upper

45 100

43 79.4 56.1 84.1

87 31.4 29.2 43.8

59 13.1 11.0 16.4

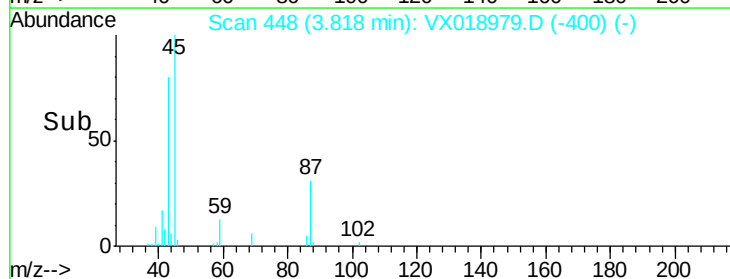
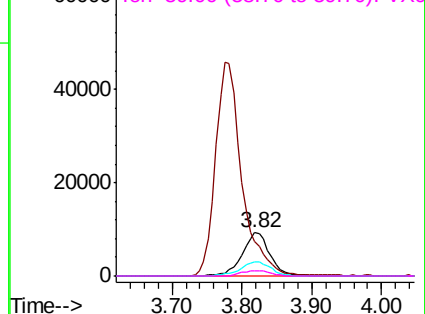


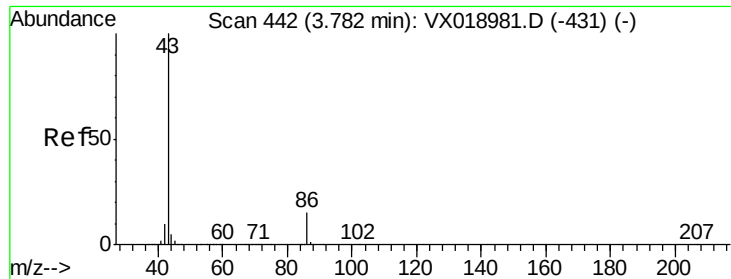
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 28.774 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

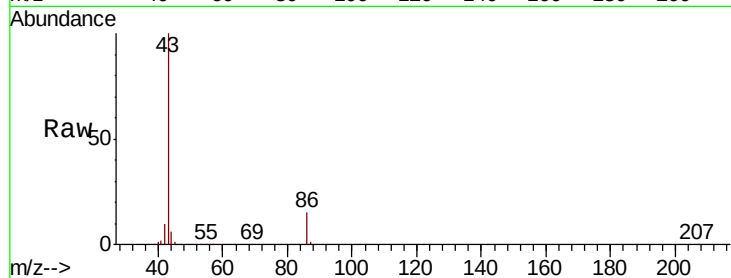
VSTDIC005

Tot Ion: 43 Resp: 119213

Ion Ratio Lower Upper

43 100

86 14.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

50000

40000

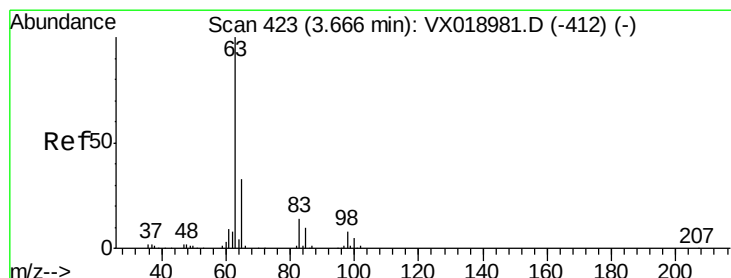
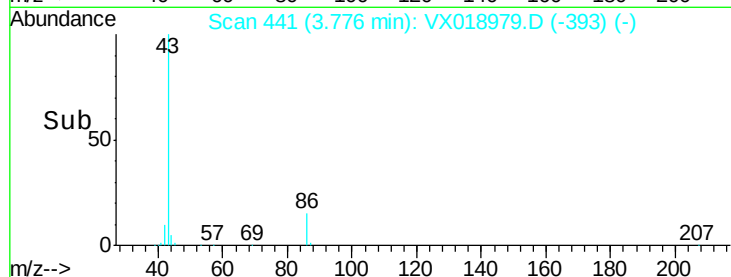
30000

20000

10000

0

Time--> 3.60 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 5.728 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

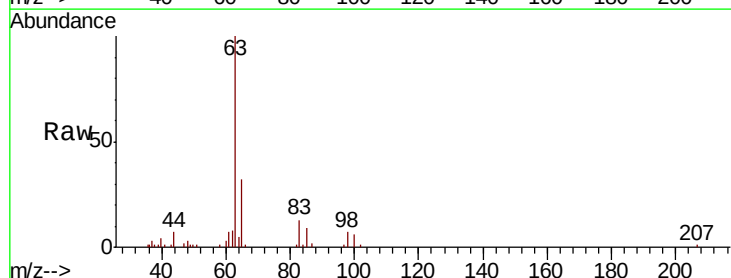
Tgt Ion: 63 Resp: 17676

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 5.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

10000

8000

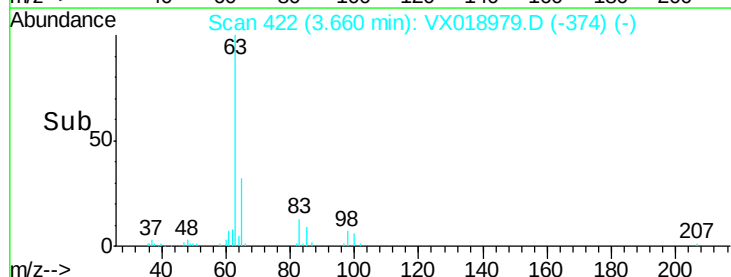
6000

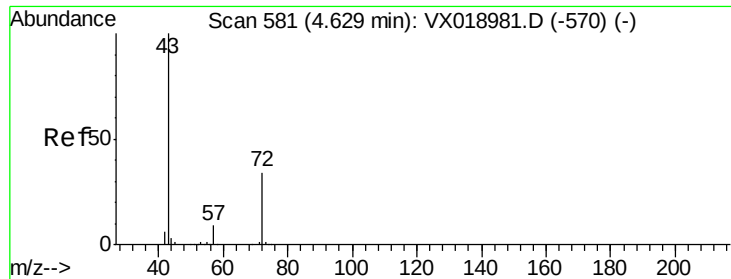
4000

2000

0

Time--> 3.55 3.60 3.65 3.70 3.75

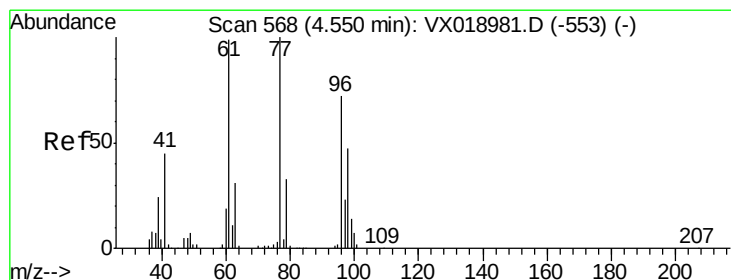
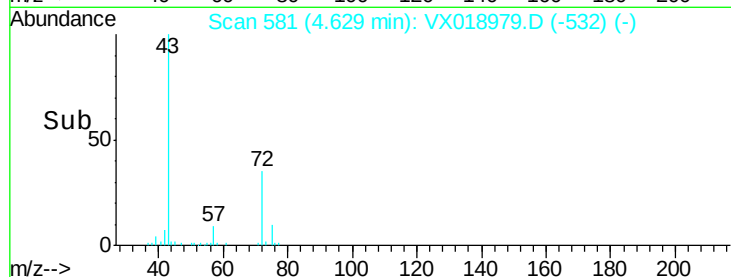
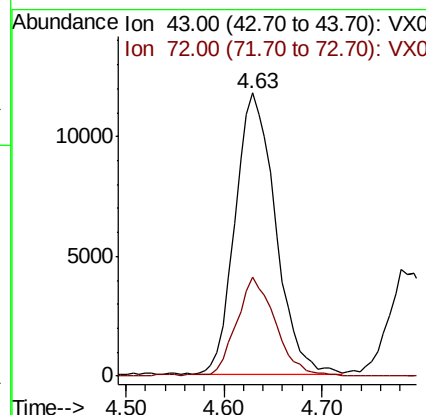
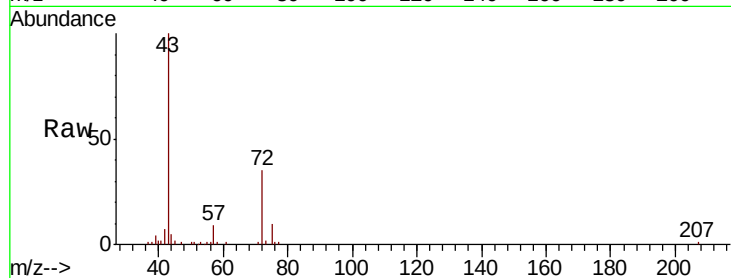




#25
2-Butanone
Concen: 28.636 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

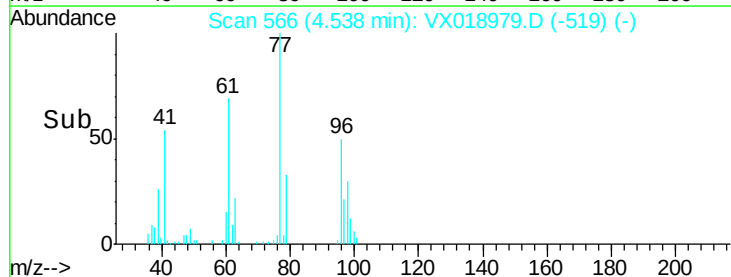
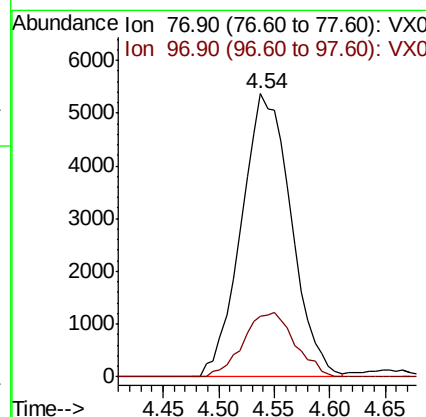
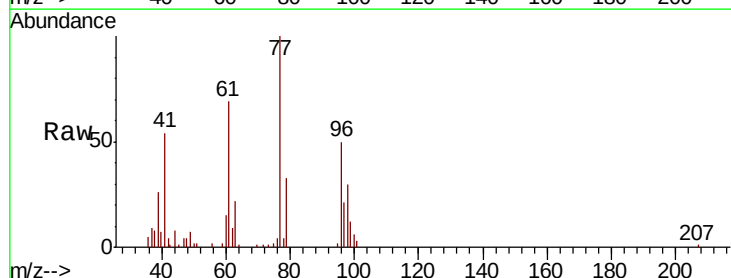
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

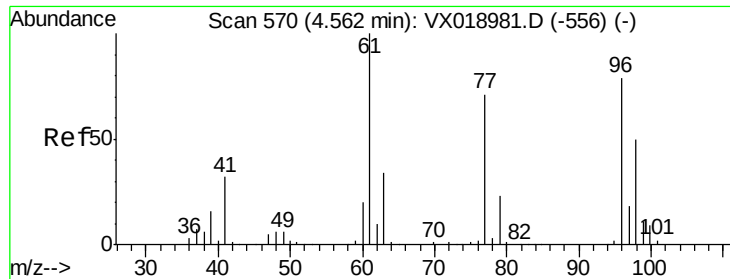
Tot Ion: 43 Resp: 33564
Ion Ratio Lower Upper
43 100
72 35.3 27.3 40.9



#26
2,2-Dichloropropane
Concen: 5.616 ug/l
RT: 4.54 min Scan# 566
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 77 Resp: 16732
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.4



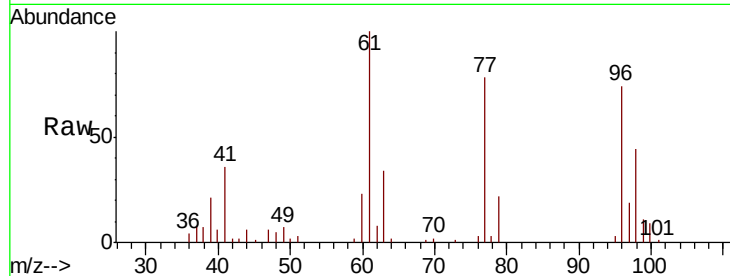


#27

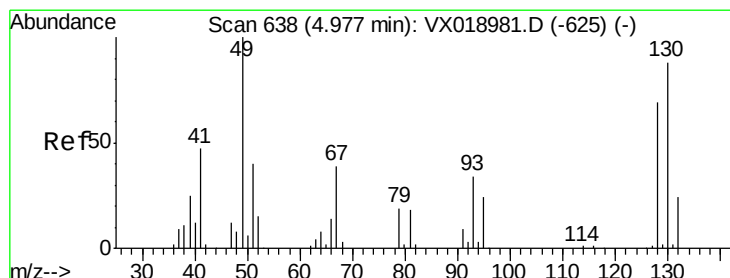
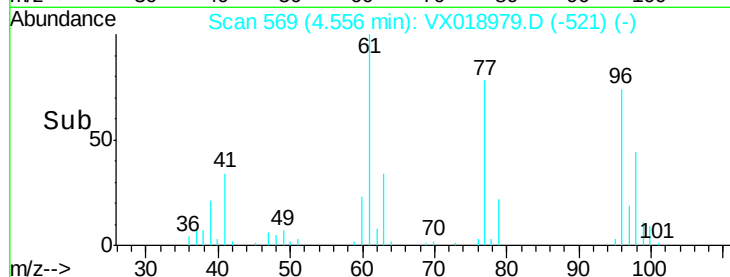
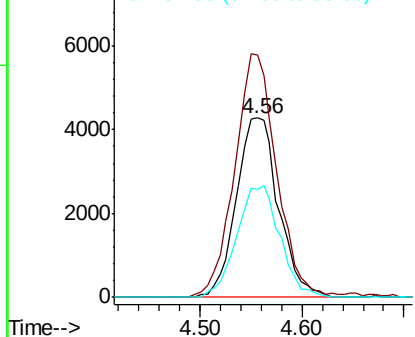
cis-1,2-Dichloroethene
Concen: 5.669 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 12299
Ion Ratio Lower Upper
96 100
61 134.9 0.0 266.2
98 63.6 0.0 128.6



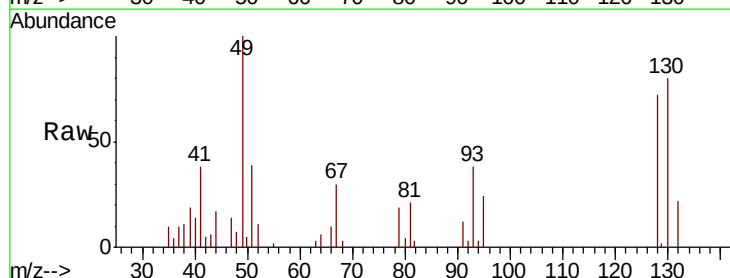
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



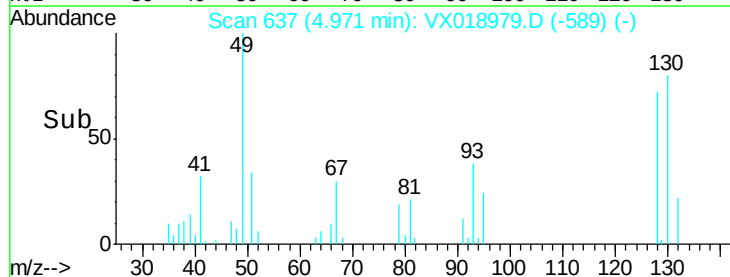
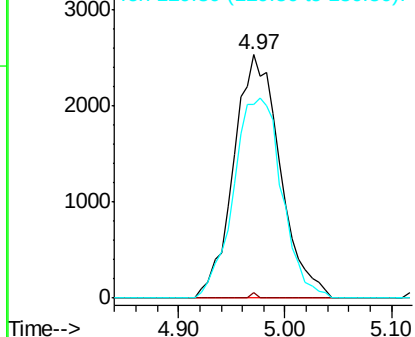
#28

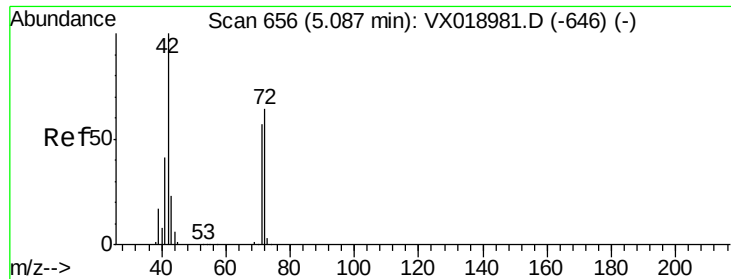
Bromochloromethane
Concen: 5.923 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 49 Resp: 7734
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.8
130 85.3 74.0 111.0



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

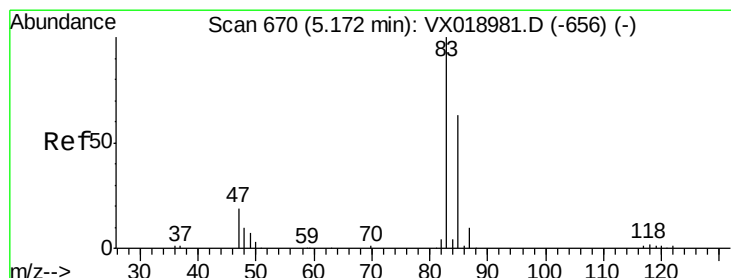
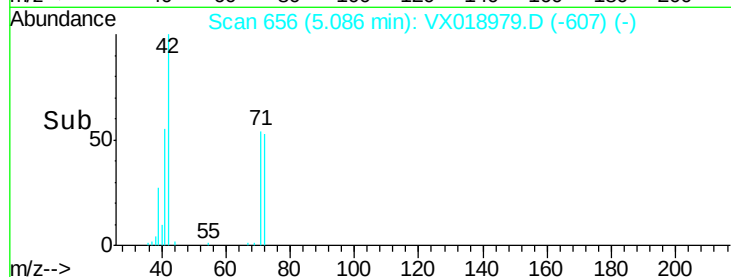
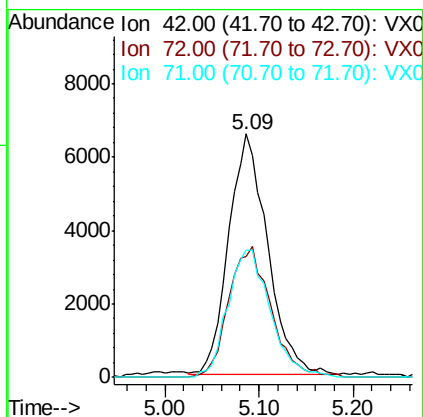
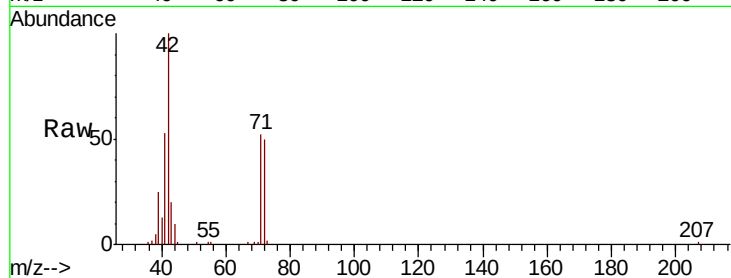




#29
Tetrahydrofuran
Concen: 27.430 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

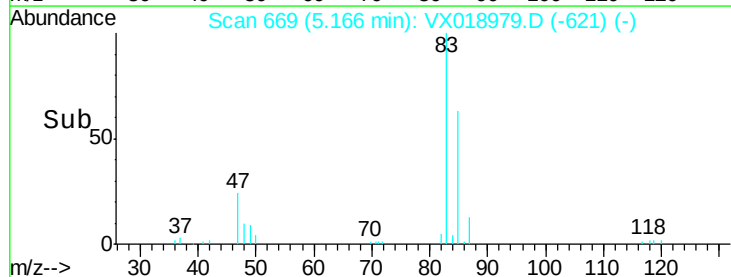
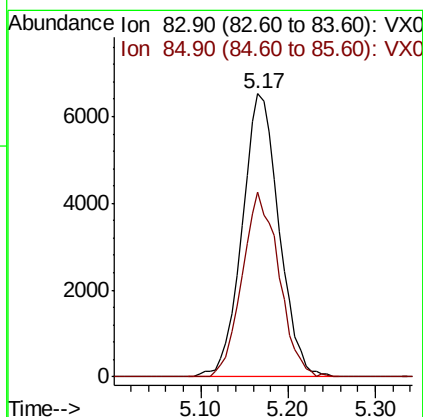
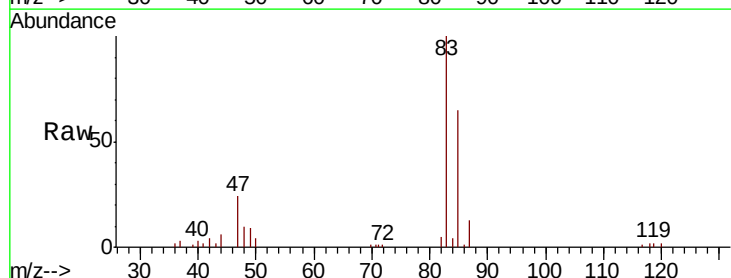
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

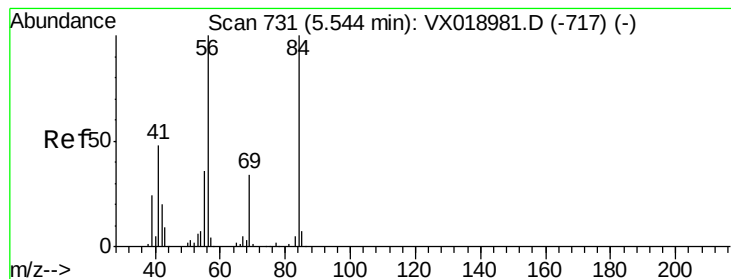
Tot Ion: 42 Resp: 18823
Ion Ratio Lower Upper
42 100
72 59.7 49.2 73.8
71 58.3 45.3 67.9



#30
Chloroform
Concen: 5.565 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 83 Resp: 19113
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1





#31

Cyclohexane

Concen: 5.769 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

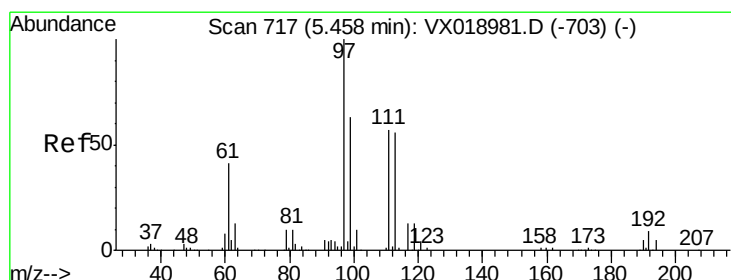
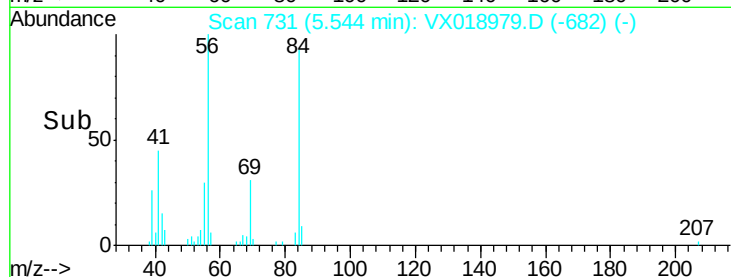
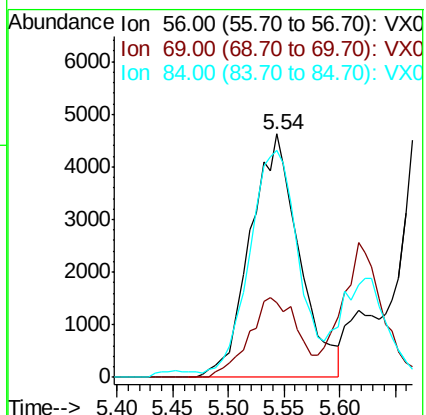
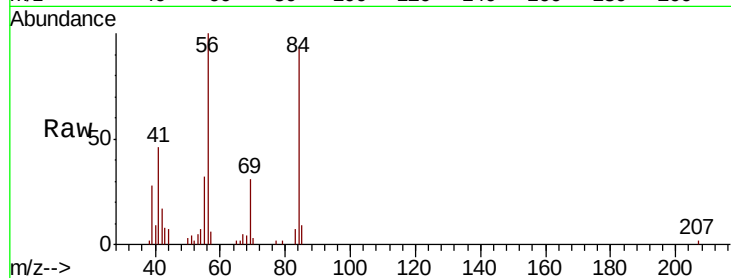
Tot Ion: 56 Resp: 14148

Ion Ratio Lower Upper

56 100

69 30.6 27.1 40.7

84 90.9 80.4 120.6



#32

1,1,1-Trichloroethane

Concen: 5.545 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

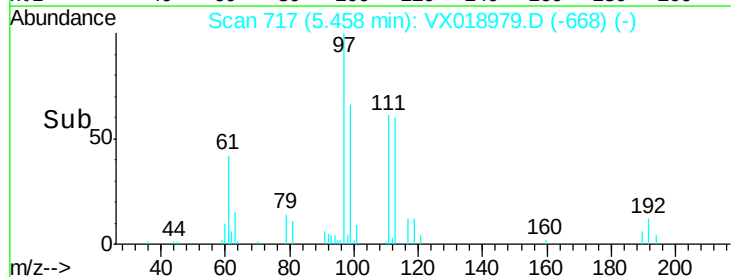
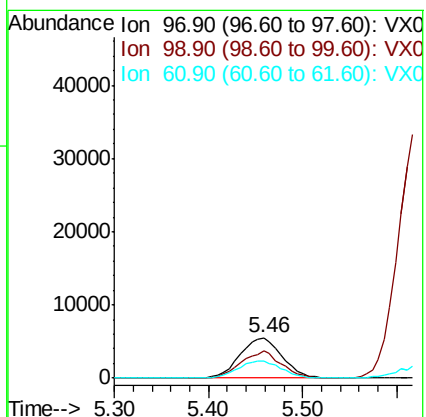
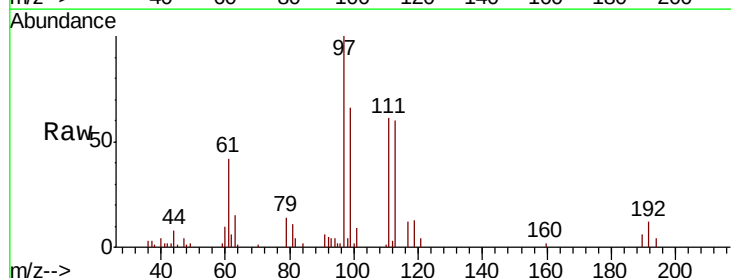
Tgt Ion: 97 Resp: 17106

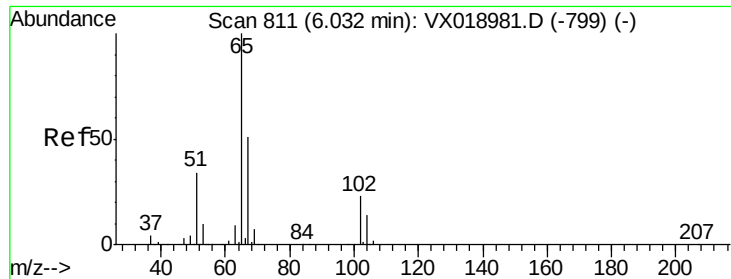
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 43.0 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 6.135 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

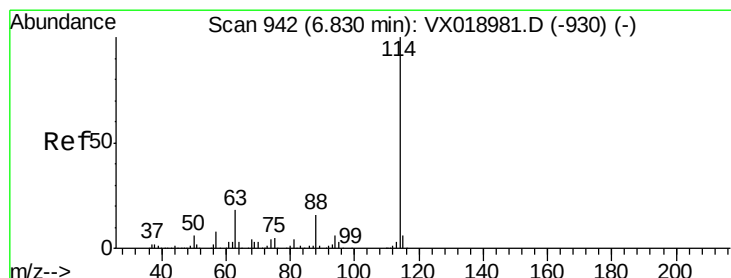
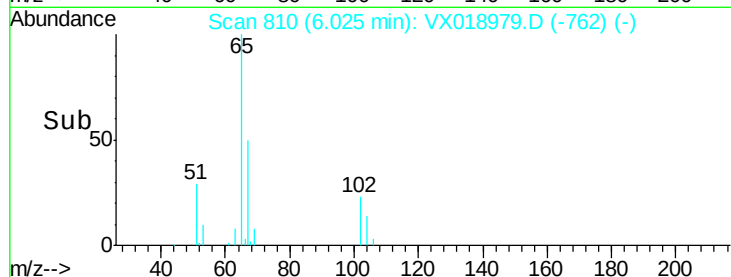
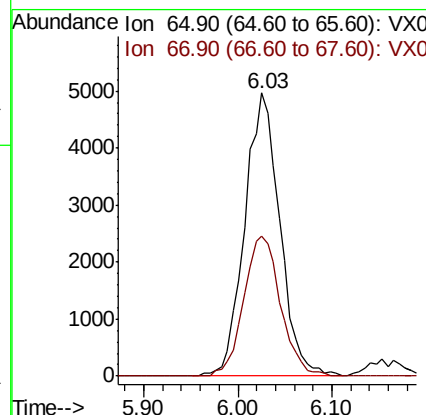
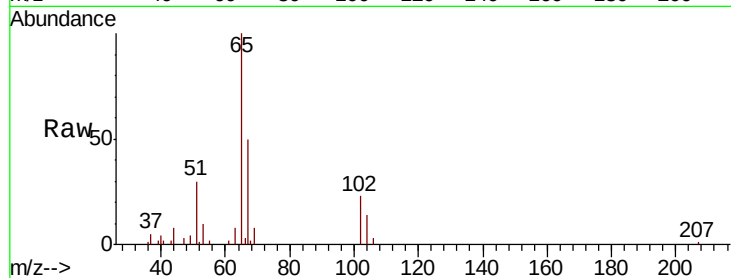
VSTDIC005

Tot Ion: 65 Resp: 12879

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

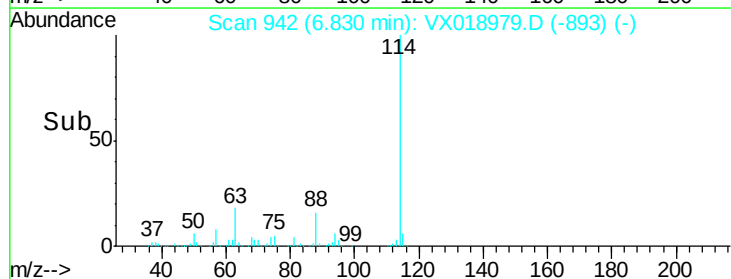
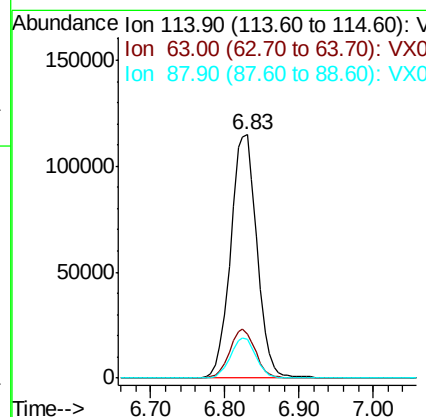
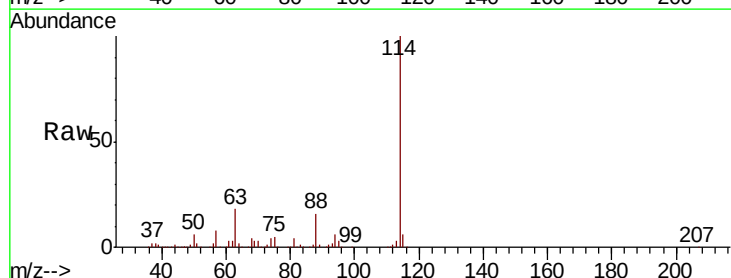
Tgt Ion: 114 Resp: 284053

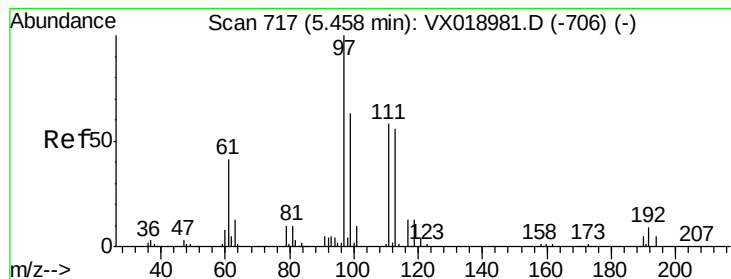
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.258 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

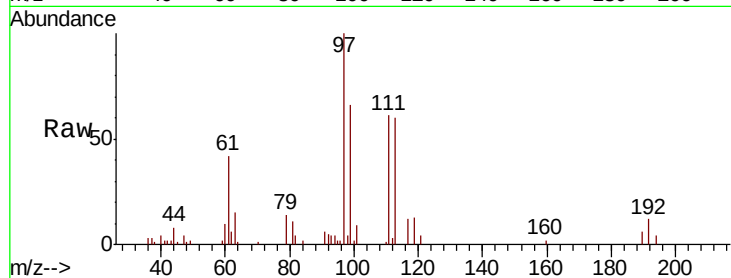
Tot Ion:113 Resp: 9625

Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

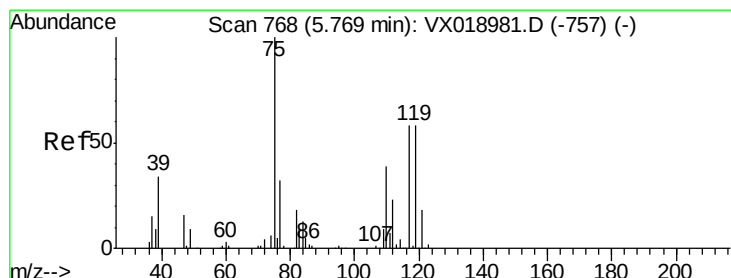
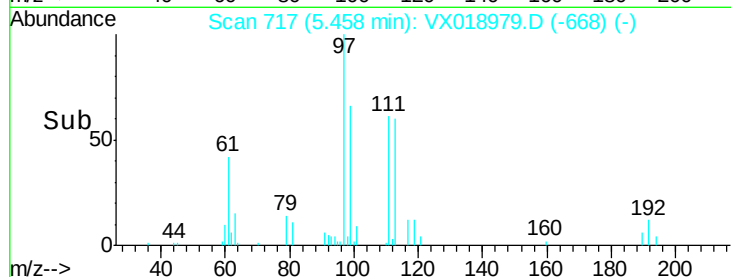
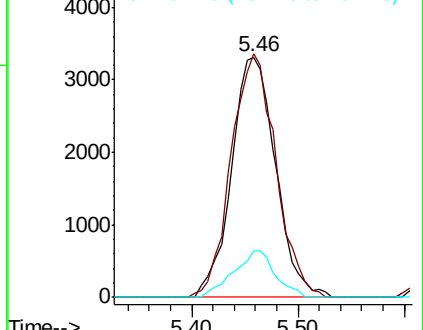
192 18.2 14.7 22.1



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: 5.361 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

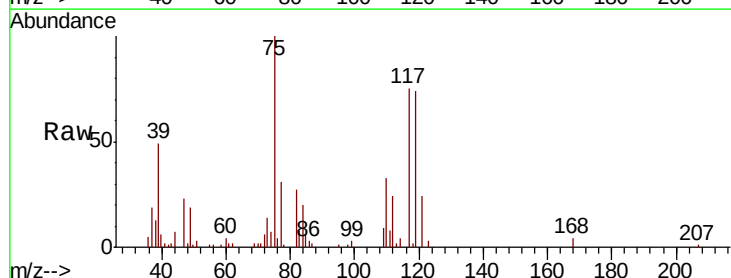
Tgt Ion: 75 Resp: 14350

Ion Ratio Lower Upper

75 100

110 38.3 18.6 55.6

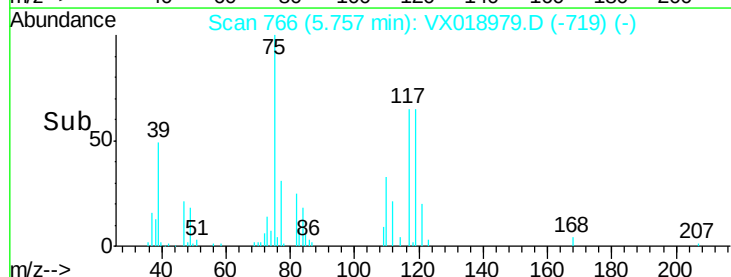
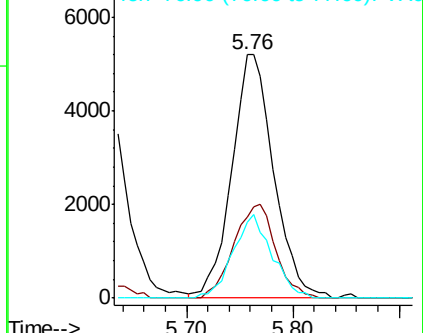
77 31.7 25.0 37.4

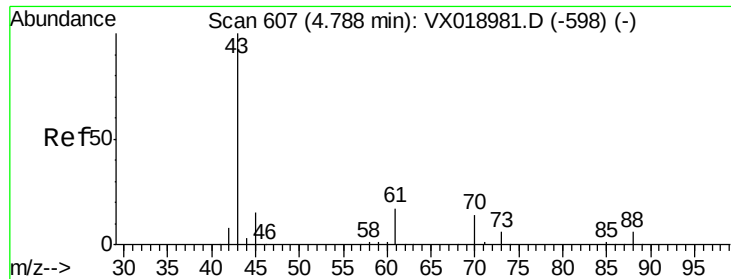


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

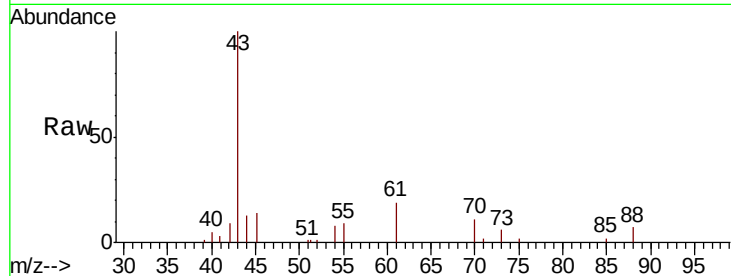




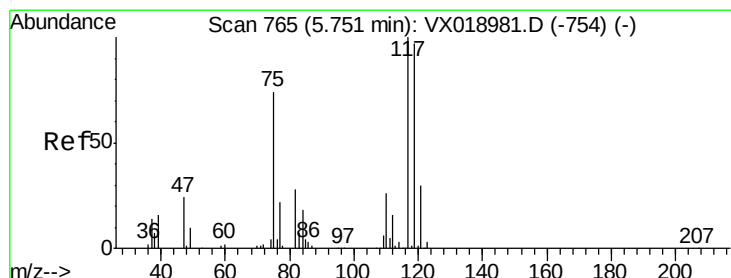
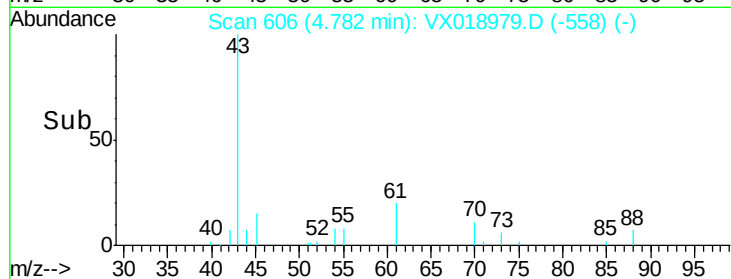
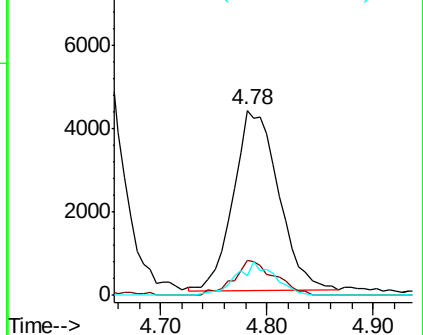
#37
Ethyl Acetate
Concen: 5.582 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 12808
Ion Ratio Lower Upper
43 100
61 17.7 13.5 20.3
70 15.9 11.4 17.2

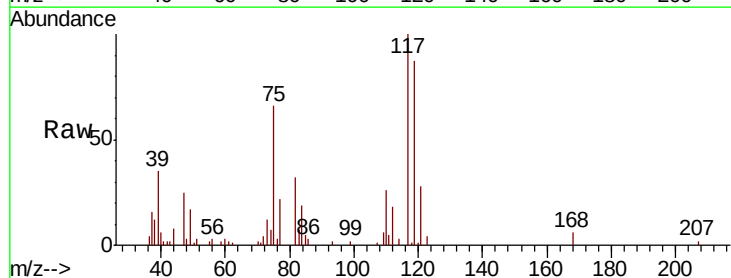


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

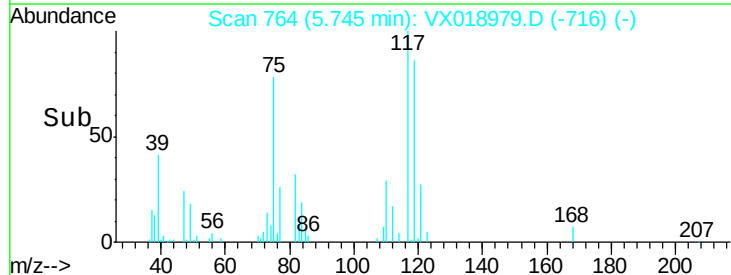
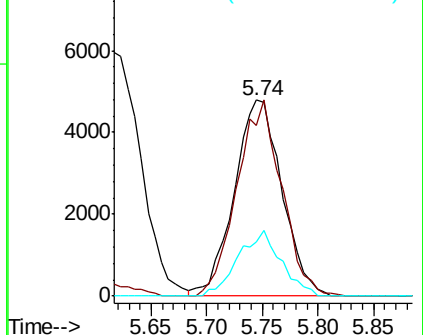


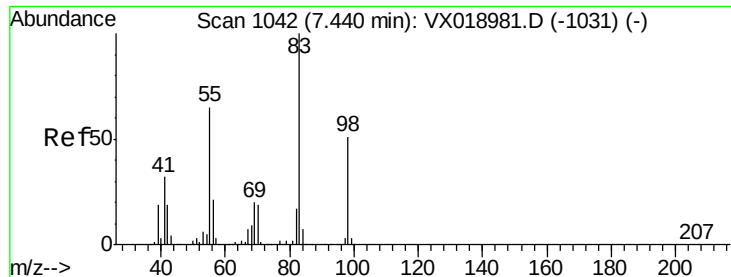
#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 117 Resp: 14297
Ion Ratio Lower Upper
117 100
119 87.4 77.6 116.4
121 27.6 23.9 35.9



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

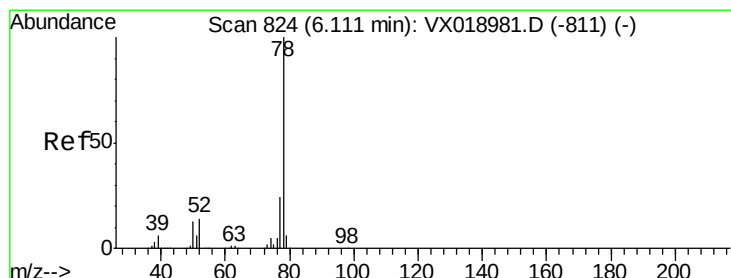
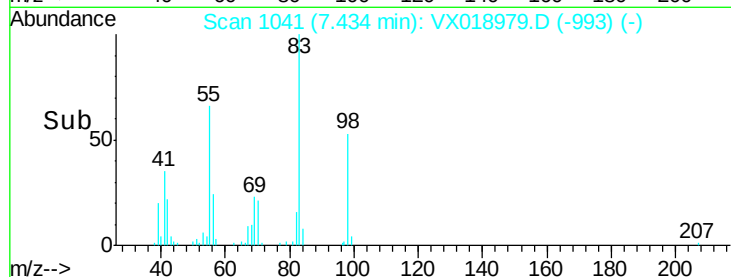
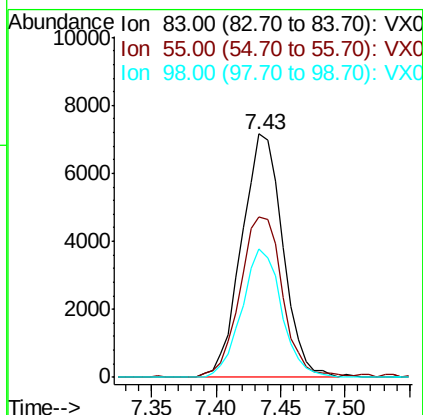
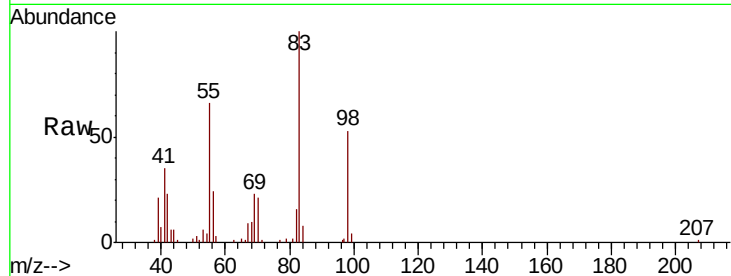




#39
Methylvlcyclohexane
Concen: 5.401 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

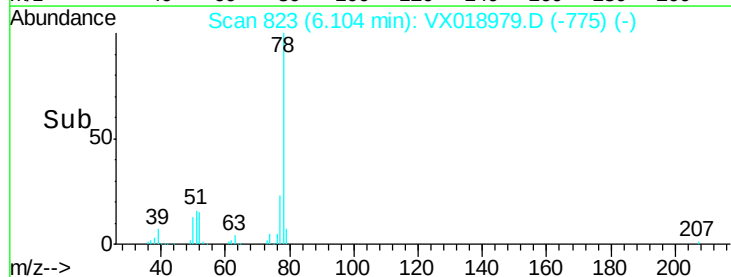
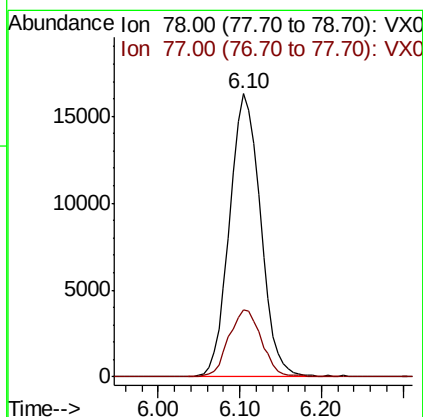
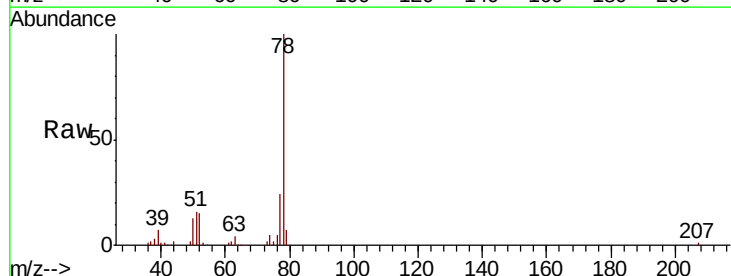
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

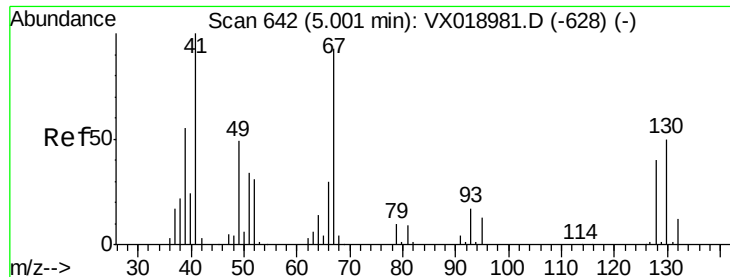
Tot Ion: 83 Resp: 15798
Ion Ratio Lower Upper
83 100
55 66.0 52.2 78.4
98 52.8 40.8 61.2



#40
Benzene
Concen: 5.514 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 78 Resp: 42920
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

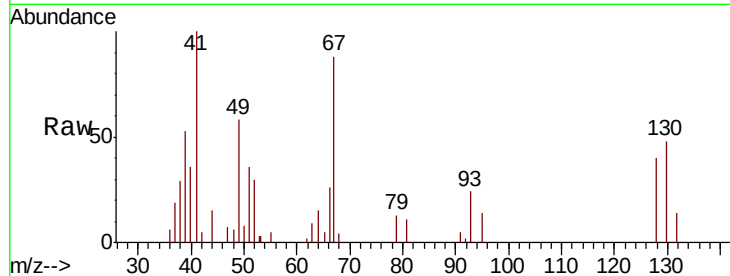




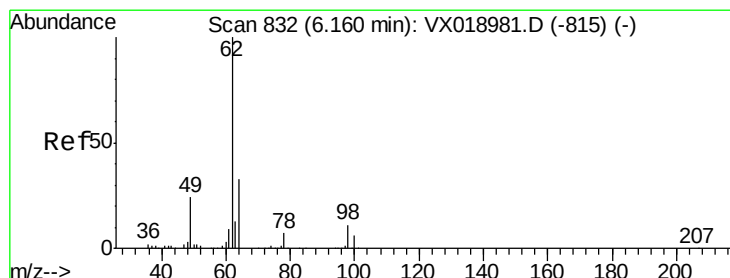
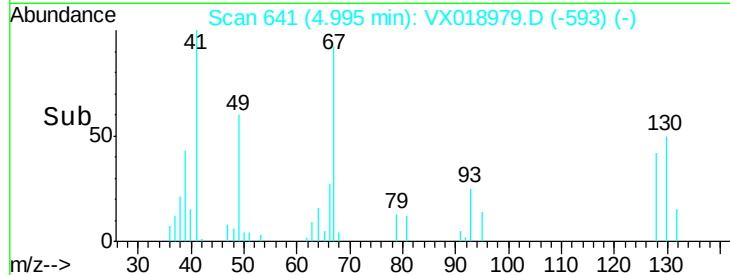
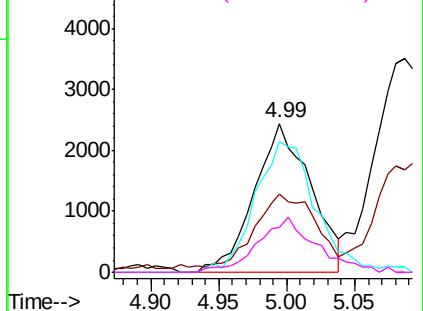
#41
Methacrylonitrile
Concen: 5.597 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	7069
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.3	66.5
67	93.7	74.7	112.1
52	38.1	27.4	41.2

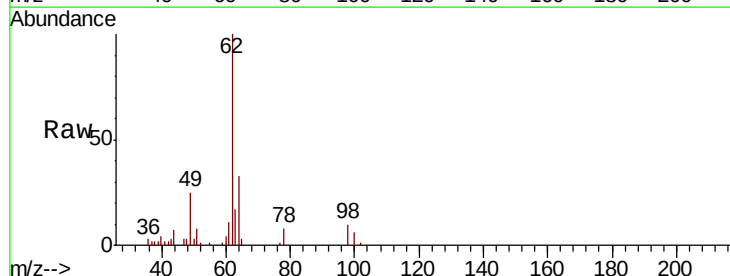


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

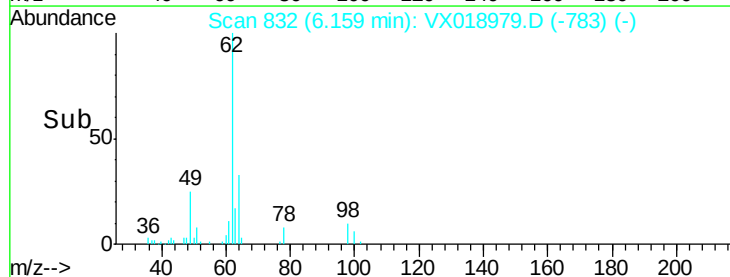
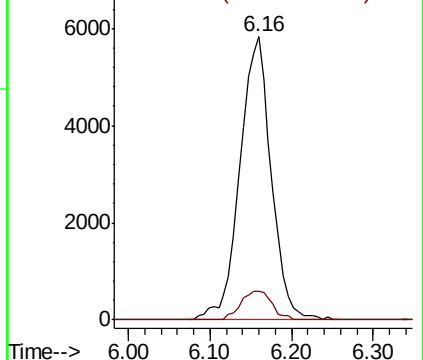


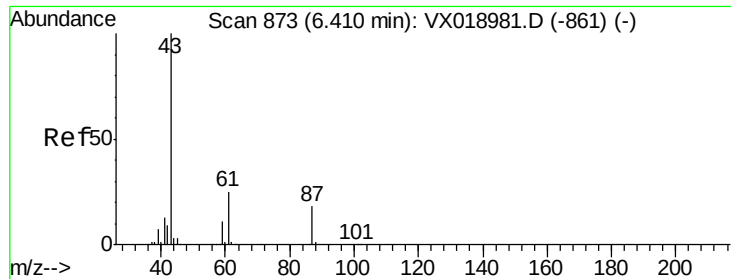
#42
1,2-Dichloroethane
Concen: 5.776 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion:	62	Resp:	15530
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 5.564 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

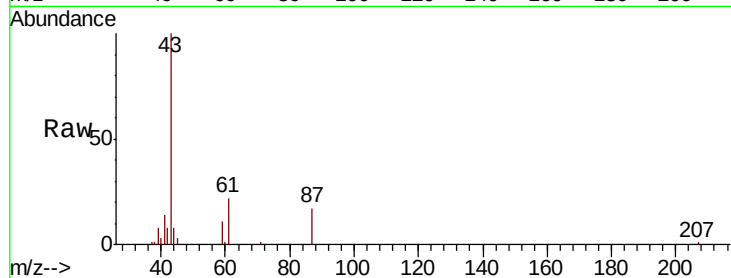
Tot Ion: 43 Resp: 22319

Ion Ratio Lower Upper

43 100

61 24.1 19.3 28.9

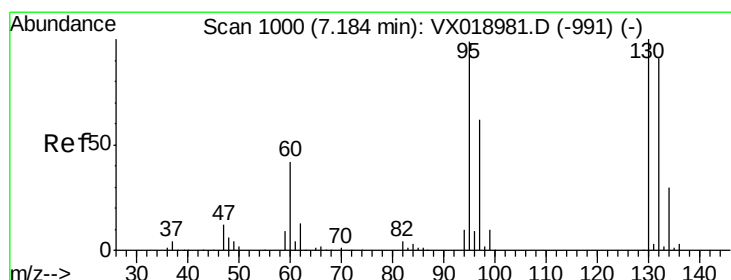
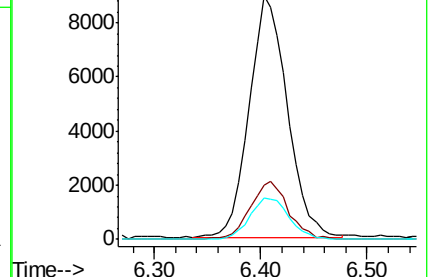
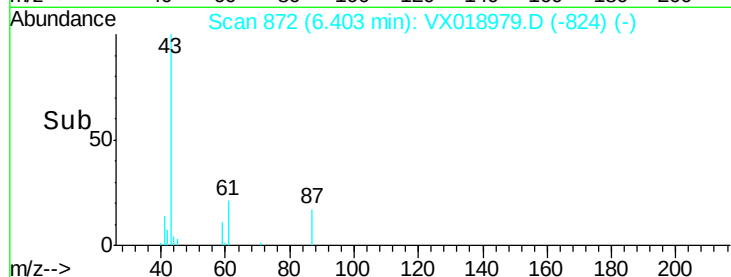
87 17.6 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VX018979.D (-824) (-)

Ion 61.00 (60.70 to 61.70): VX018979.D (-824) (-)

Ion 87.00 (86.70 to 87.70): VX018979.D (-824) (-)



#44

Trichloroethene

Concen: 5.349 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018979.D

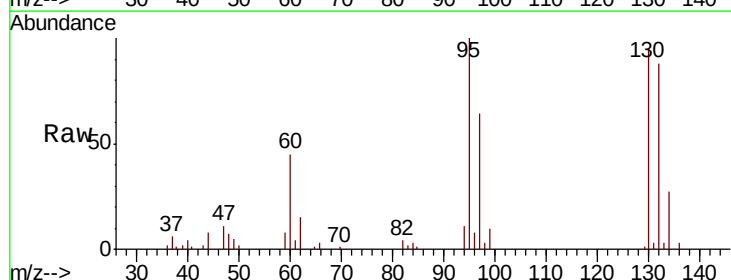
Acq: 20 Oct 2020 16:56

Tgt Ion: 130 Resp: 11698

Ion Ratio Lower Upper

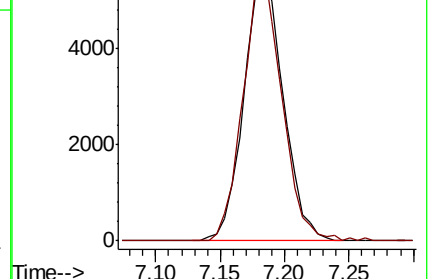
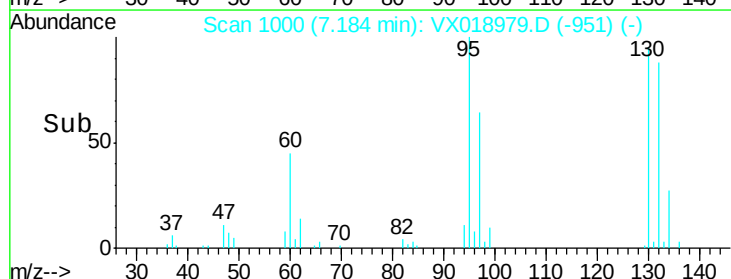
130 100

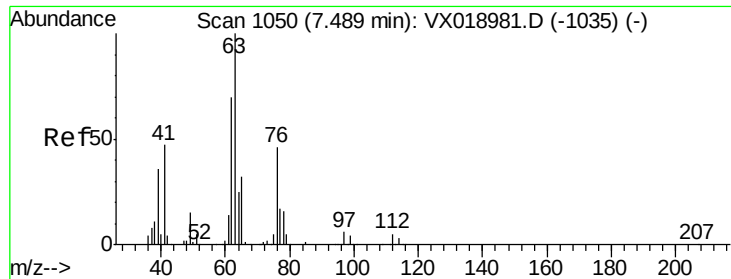
95 104.9 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): VX018979.D (-951) (-)

Ion 94.90 (94.60 to 95.60): VX018979.D (-951) (-)





#45

1,2-Dichloropropane

Concen: 5.723 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

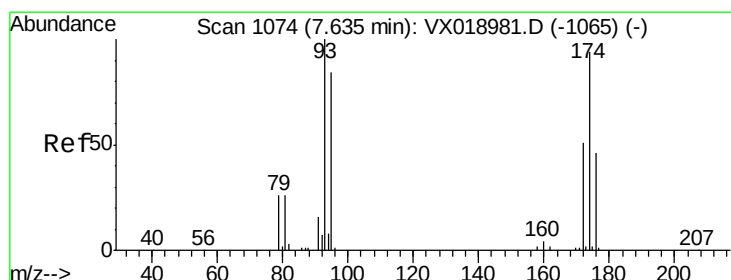
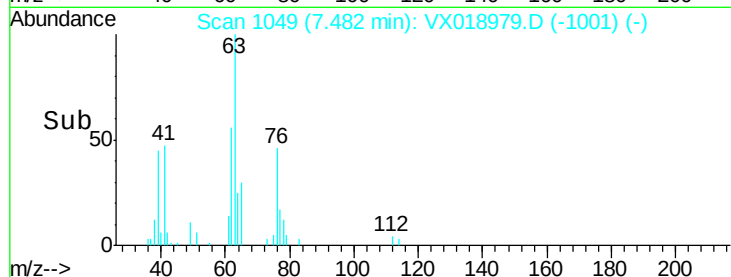
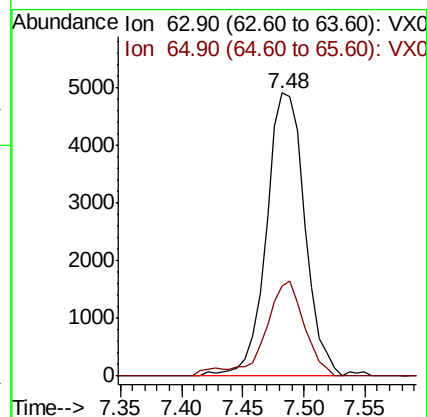
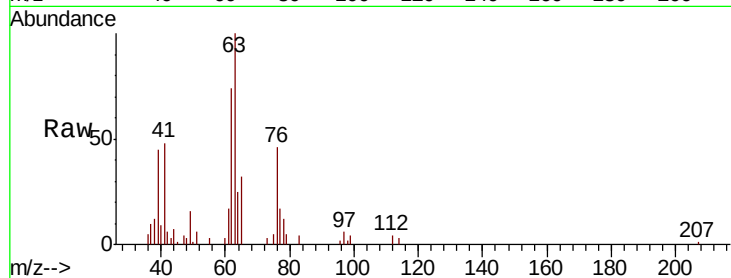
VSTDIC005

Tot Ion: 63 Resp: 10715

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6



#46

Dibromomethane

Concen: 5.729 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

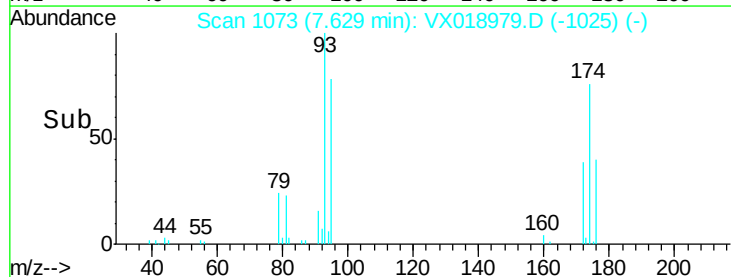
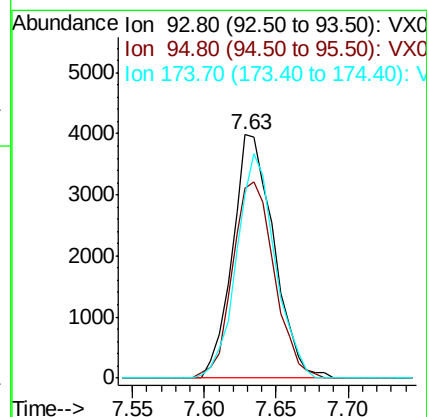
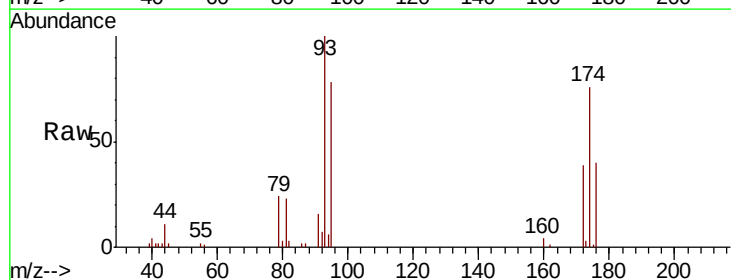
Tgt Ion: 93 Resp: 7985

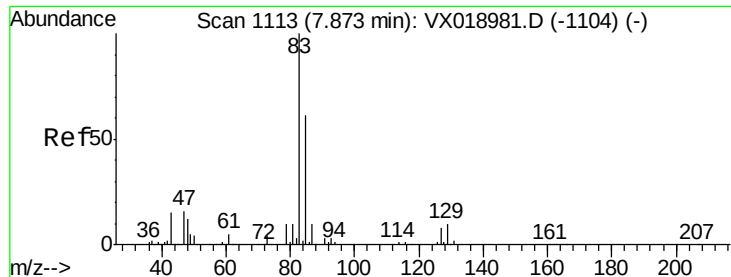
Ion Ratio Lower Upper

93 100

95 81.1 66.2 99.4

174 85.7 74.5 111.7





#47

Bromodichloromethane

Concen: 5.426 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

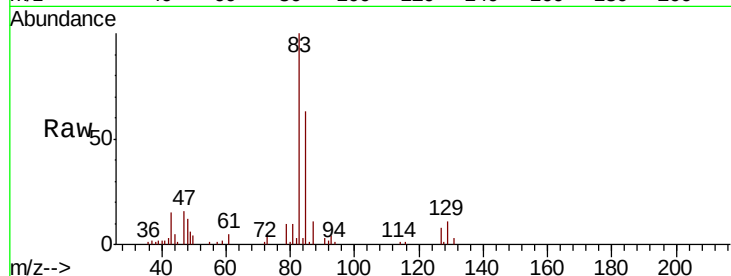
Tot Ion: 83 Resp: 15174

Ion Ratio Lower Upper

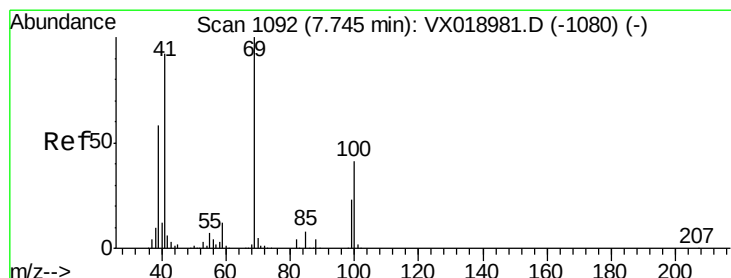
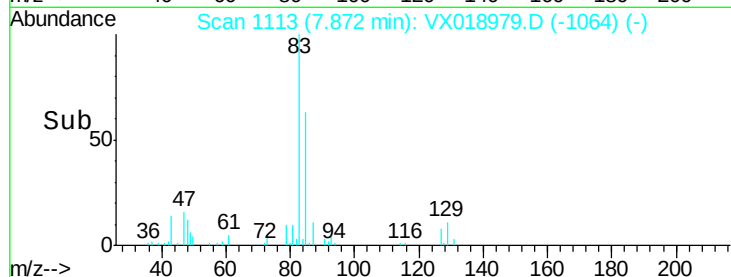
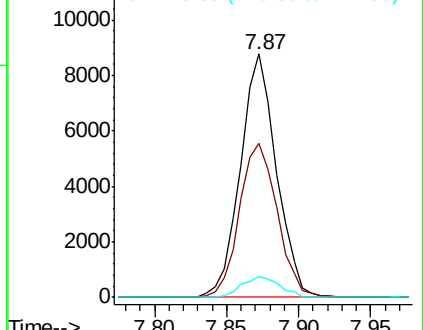
83 100

85 63.2 48.6 73.0

127 8.5 6.3 9.5



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: 5.933 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

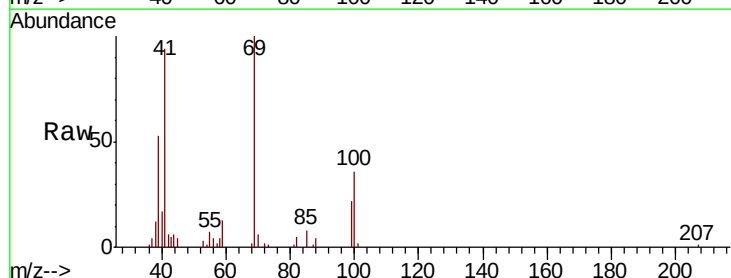
Tgt Ion: 41 Resp: 10953

Ion Ratio Lower Upper

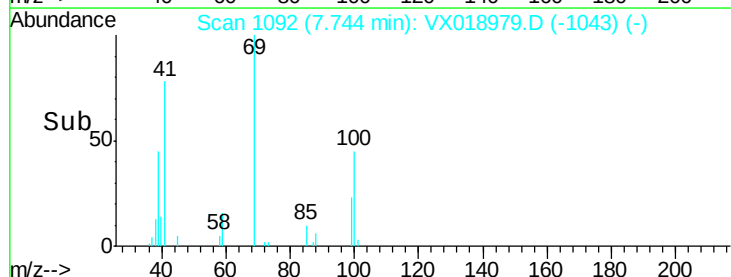
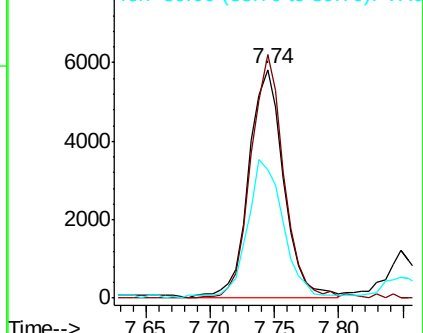
41 100

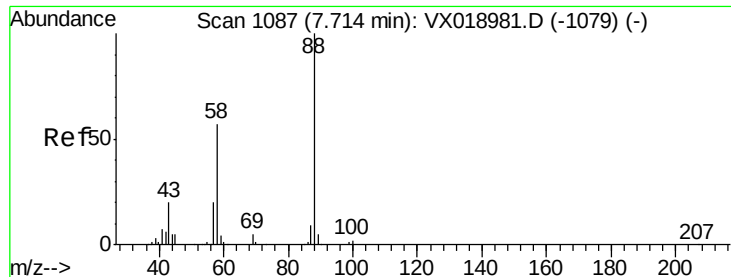
69 100.7 88.0 132.0

39 62.7 49.9 74.9



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: 116.886 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

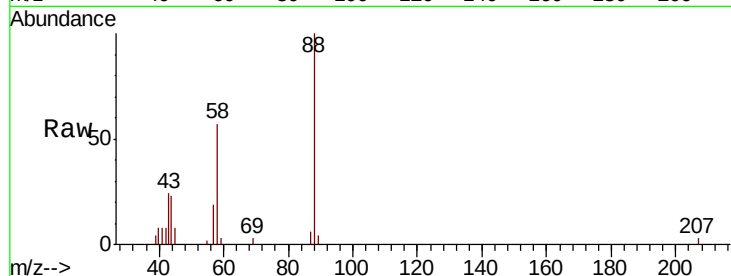
Tot Ion: 88 Resp: 5417

Ion Ratio Lower Upper

88 100

43 30.1 20.4 30.6

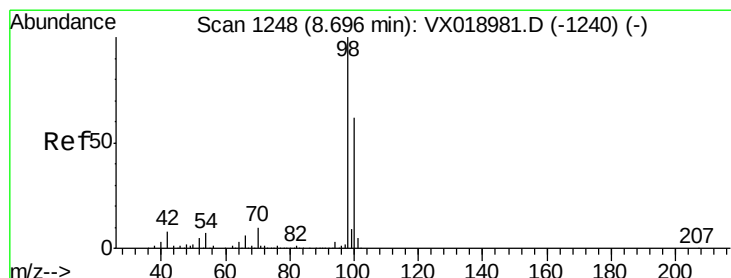
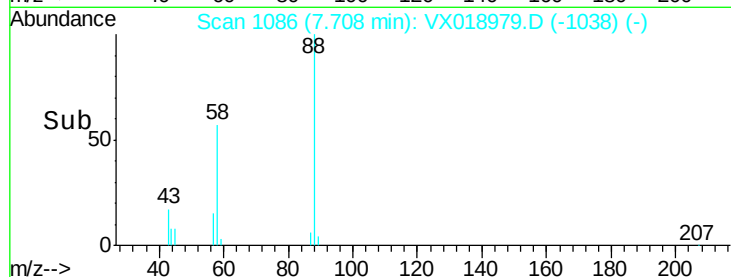
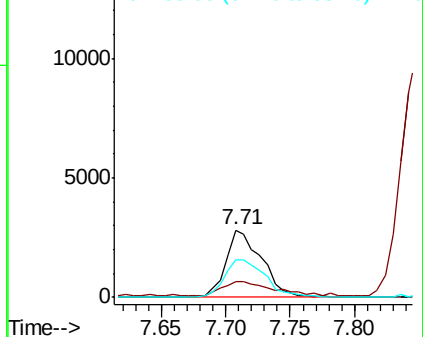
58 64.8 49.3 73.9



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: 5.355 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018979.D

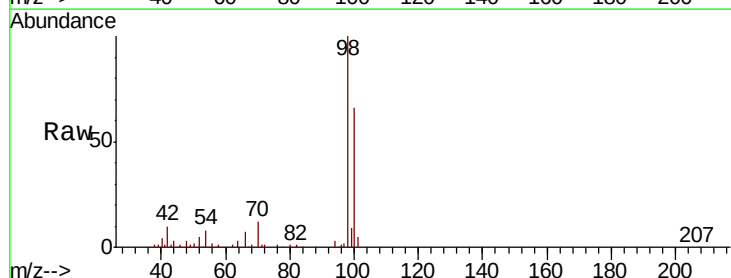
Acq: 20 Oct 2020 16:56

Tgt Ion: 98 Resp: 38445

Ion Ratio Lower Upper

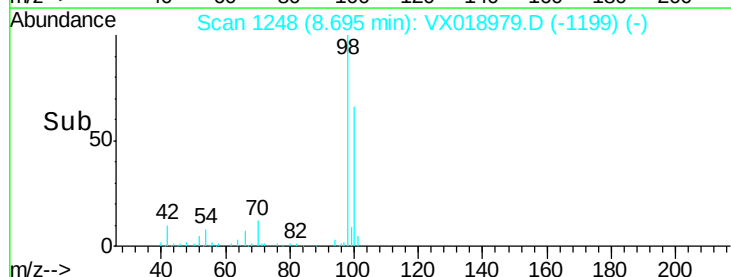
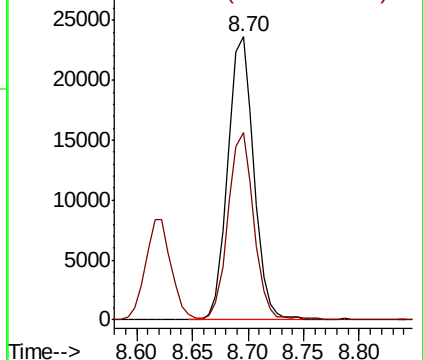
98 100

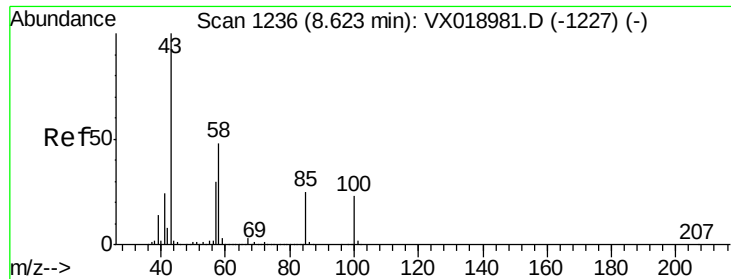
100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

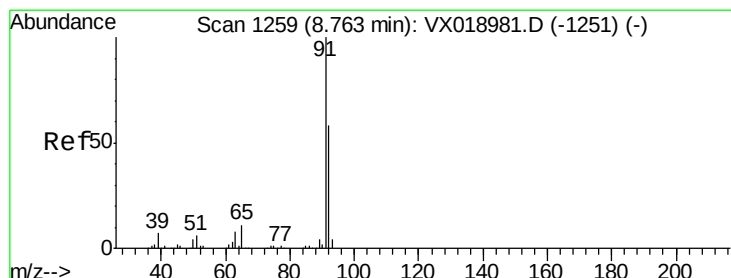
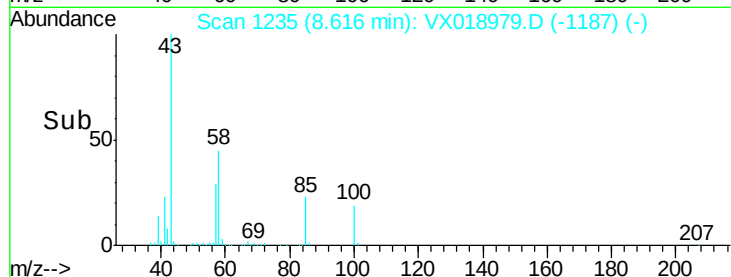
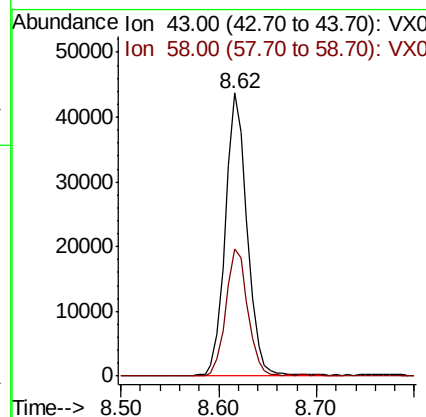
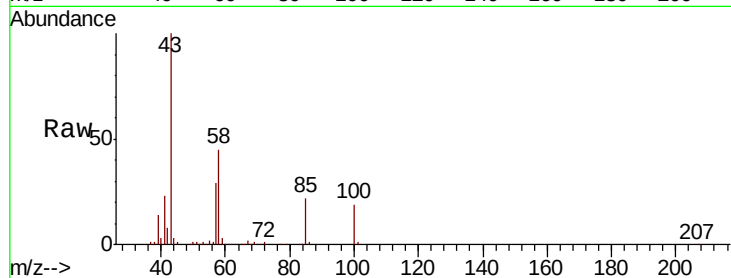




#51
 4-Methyl-2-Pentanone
 Concen: 28.758 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

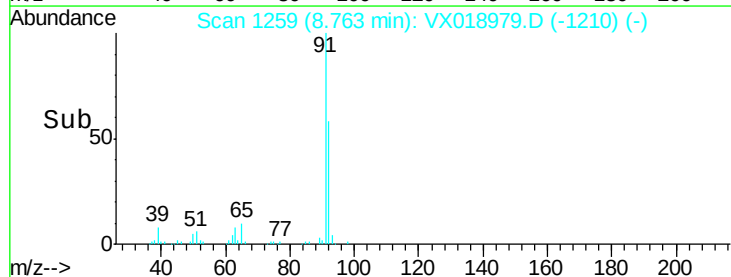
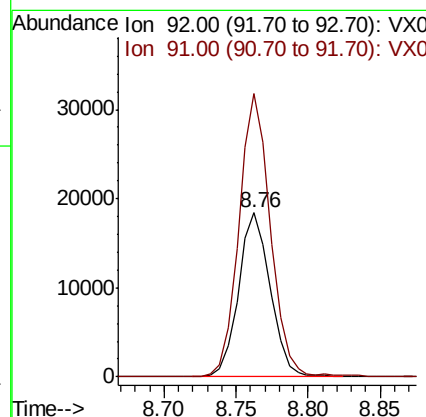
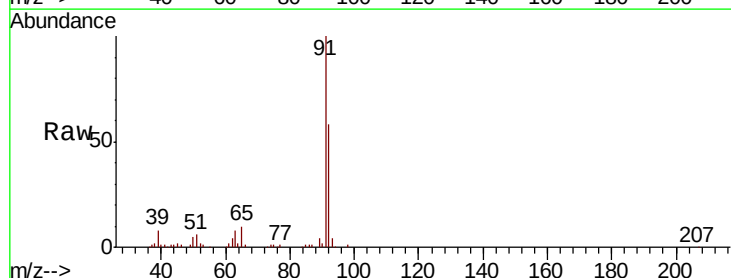
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

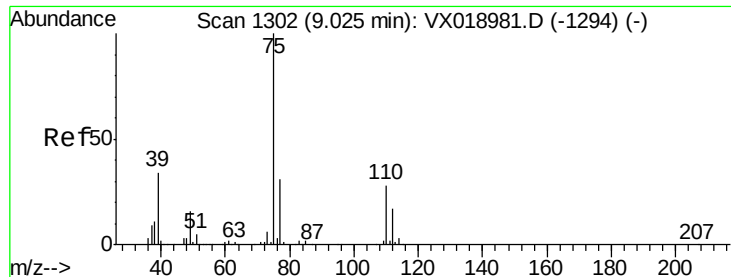
Tot Ion: 43 Resp: 67496
 Ion Ratio Lower Upper
 43 100
 58 45.5 37.8 56.8



#52
 Toluene
 Concen: 5.549 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion: 92 Resp: 28227
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 5.563 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

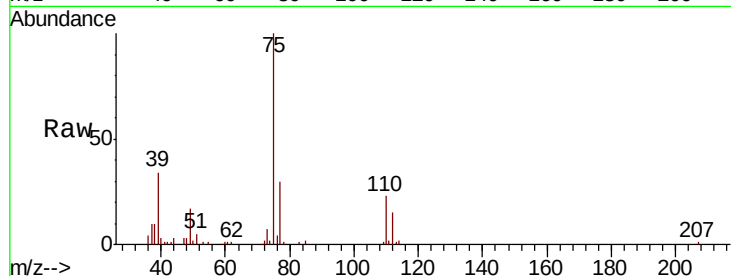
VSTDIC005

Tot Ion: 75 Resp: 17599

Ion Ratio Lower Upper

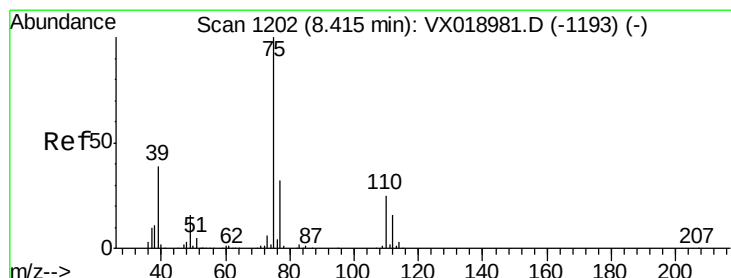
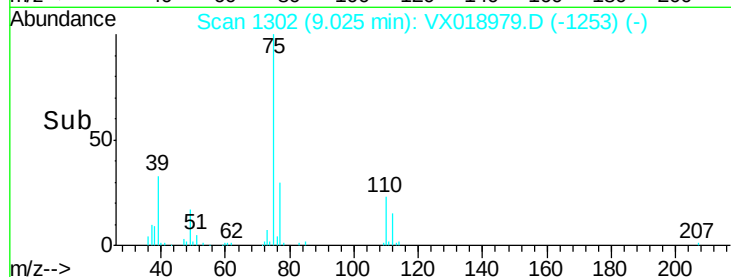
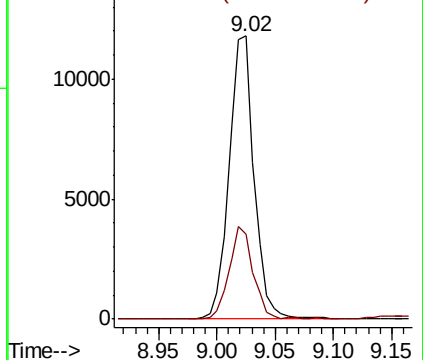
75 100

77 30.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.482 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

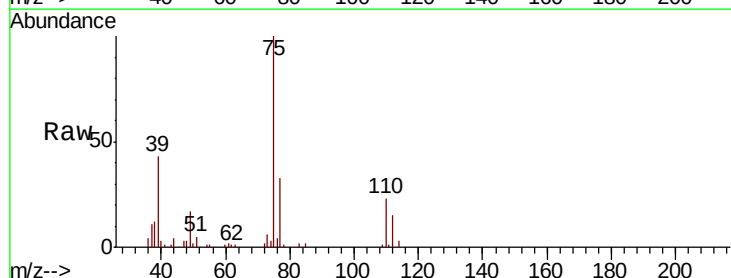
Tgt Ion: 75 Resp: 18294

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

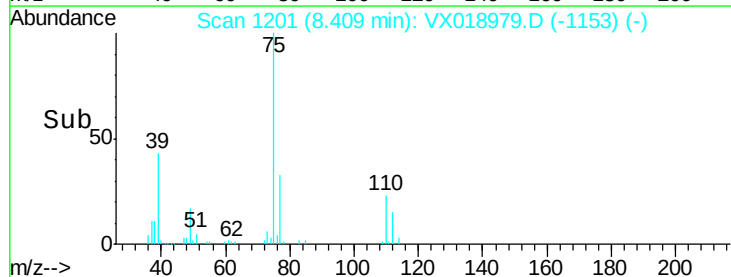
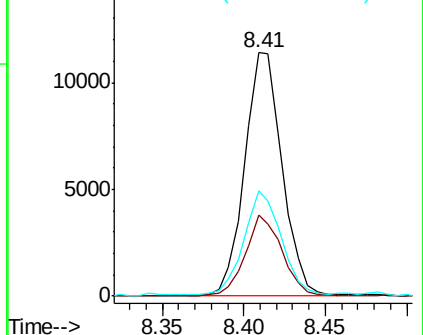
39 42.9 31.3 46.9

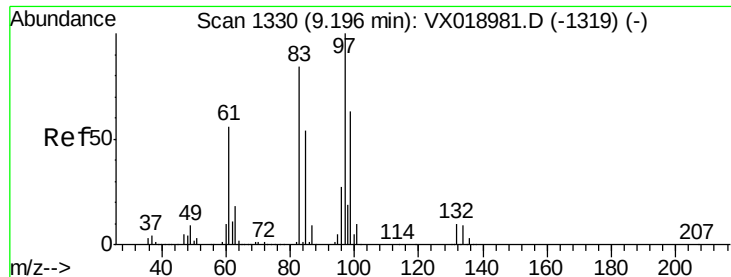


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

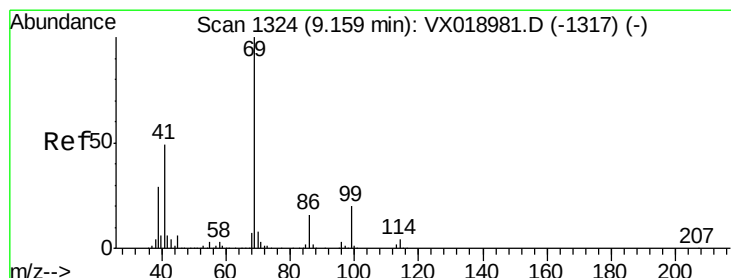
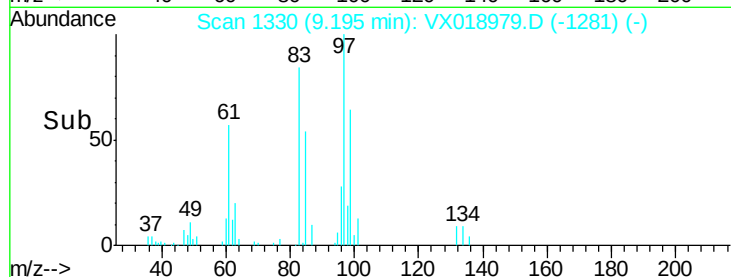
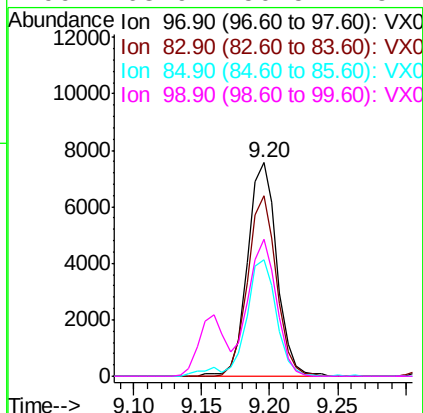
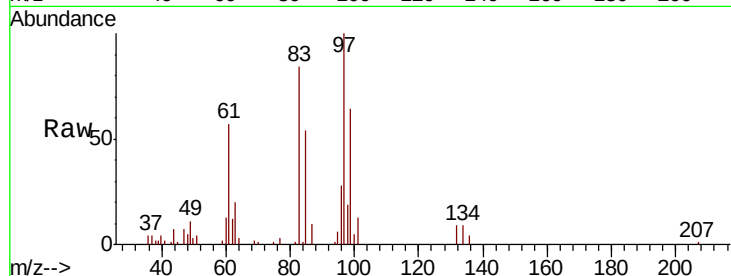




#55
 1,1,2-Trichloroethane
 Concen: 5.636 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

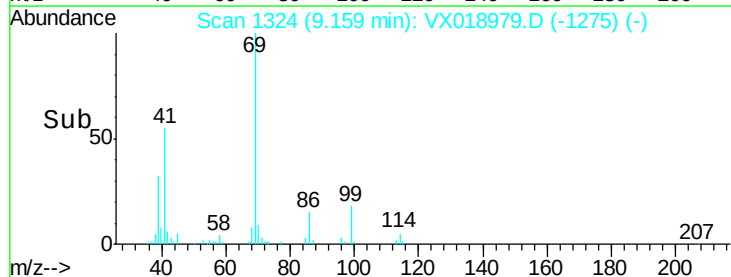
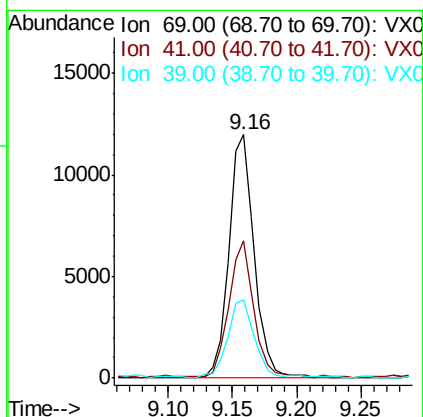
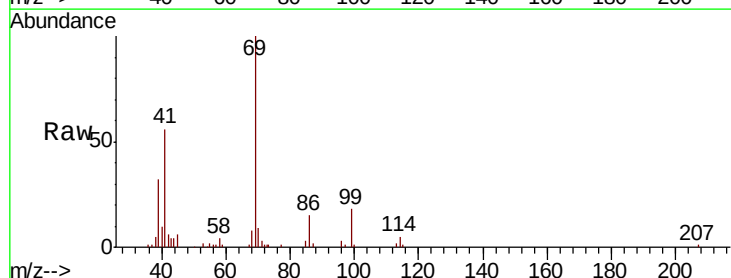
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

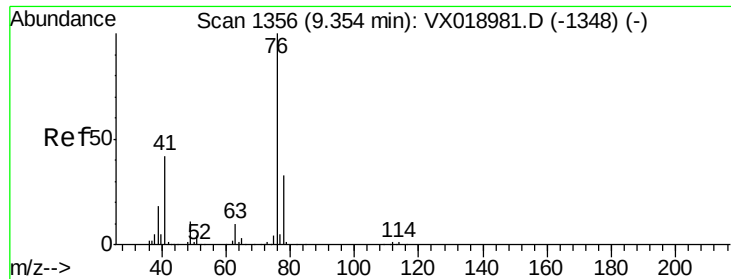
Tot Ion:	97	Resp:	11485
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.0
85	53.5	43.1	64.7
99	63.9	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 5.392 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion:	69	Resp:	16485
Ion	Ratio	Lower	Upper
69	100		
41	56.4	39.8	59.6
39	34.8	23.8	35.6

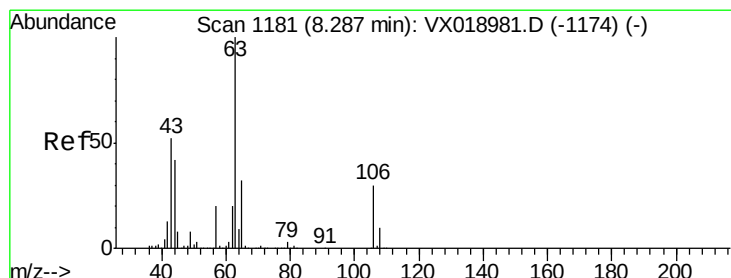
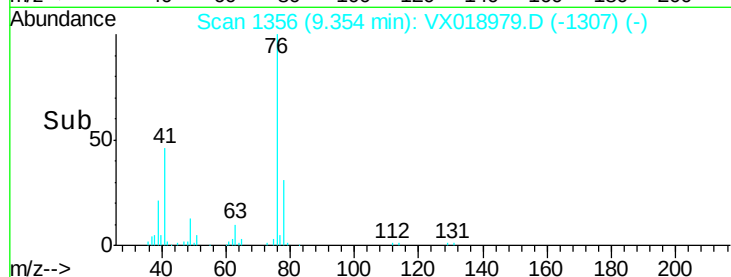
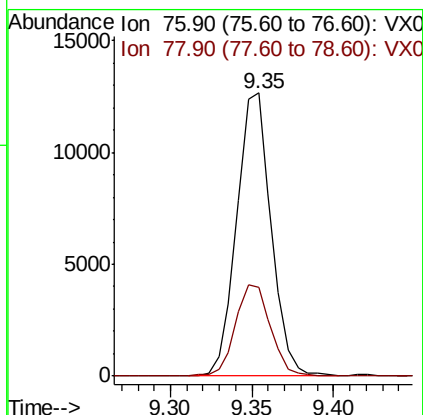
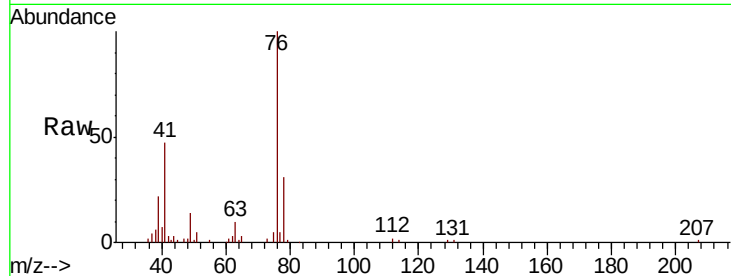




#57
 1,3-Dichloropropane
 Concen: 5.546 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

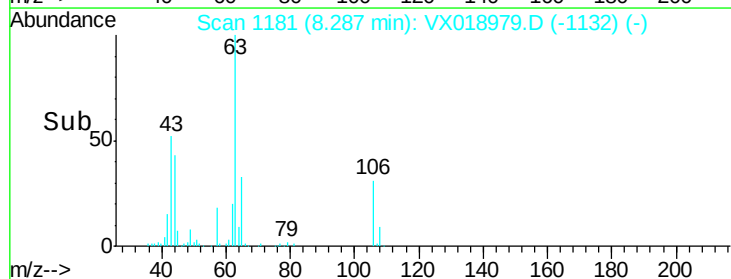
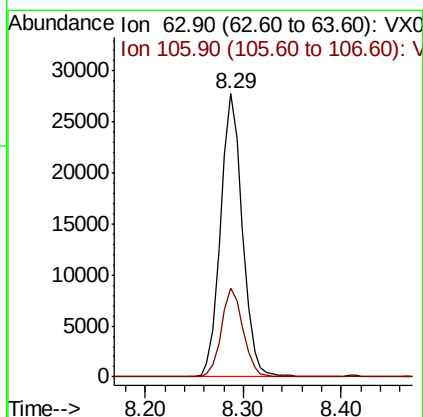
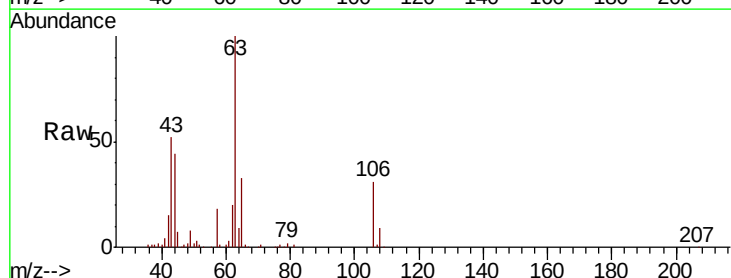
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

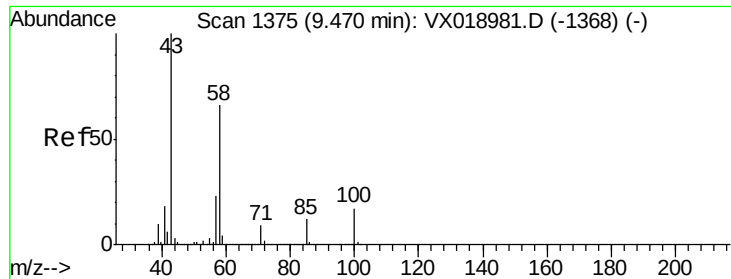
Tot Ion: 76 Resp: 18640
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 27.905 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion: 63 Resp: 43219
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.0 37.4

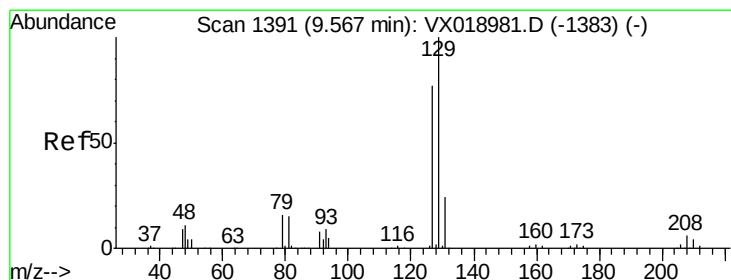
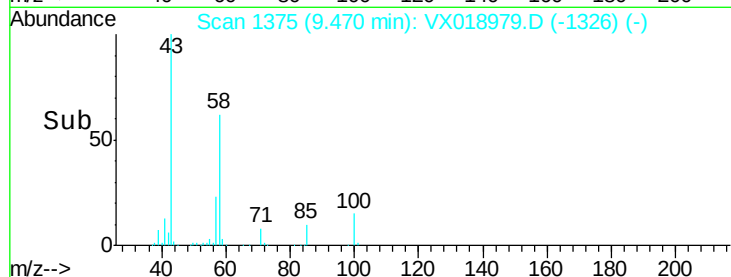
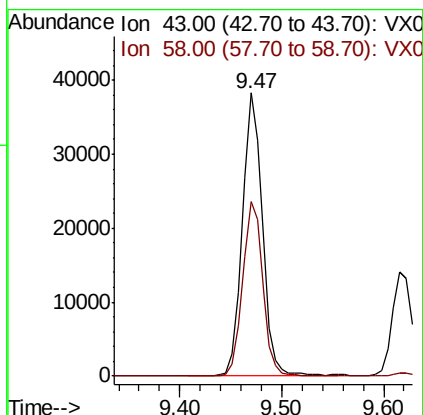
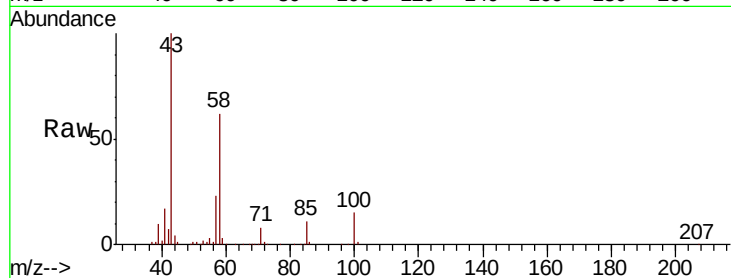




#59
2-Hexanone
Concen: 28.315 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

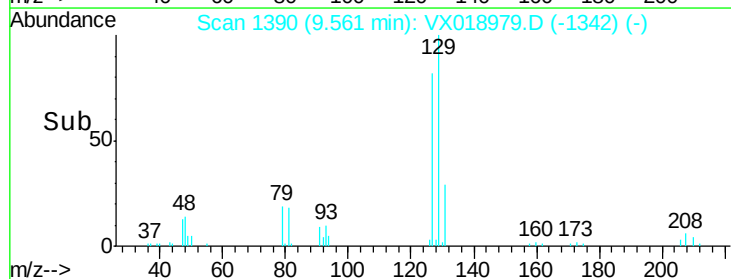
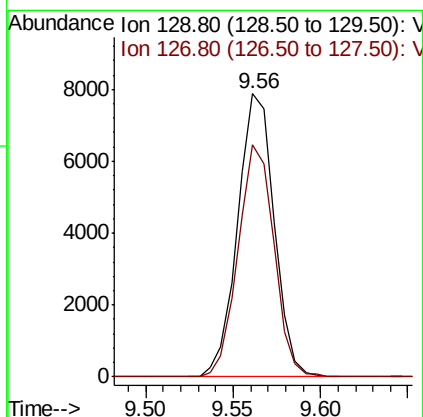
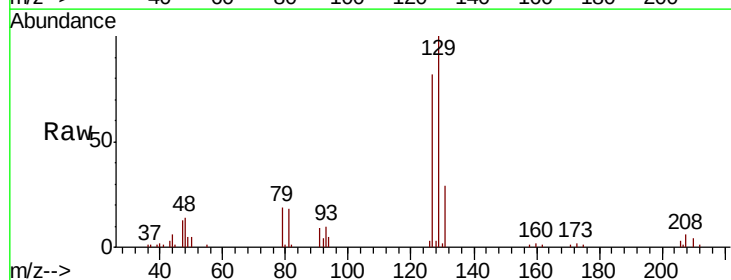
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

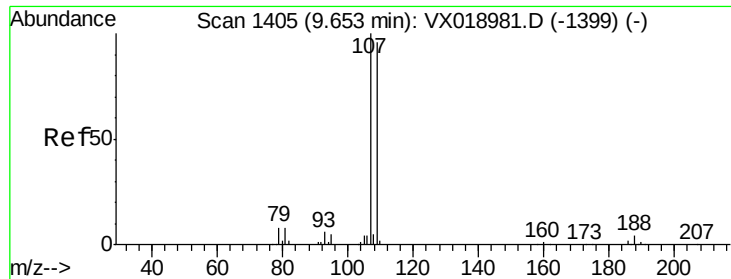
Tot Ion: 43 Resp: 51444
Ion Ratio Lower Upper
43 100
58 62.4 33.0 99.0



#60
Dibromochloromethane
Concen: 5.034 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 129 Resp: 11511
Ion Ratio Lower Upper
129 100
127 80.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 5.421 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

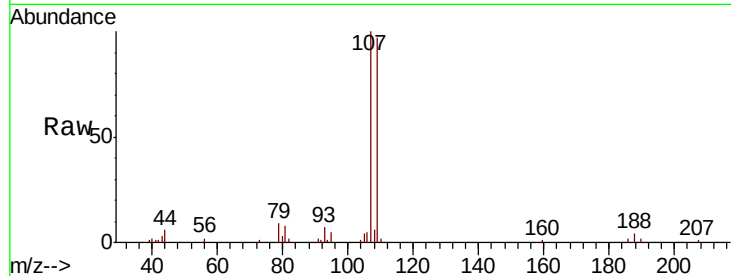
VSTDIC005

Tot Ion:107 Resp: 11837

Ion Ratio Lower Upper

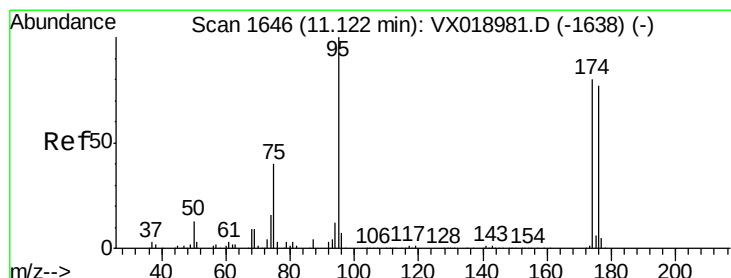
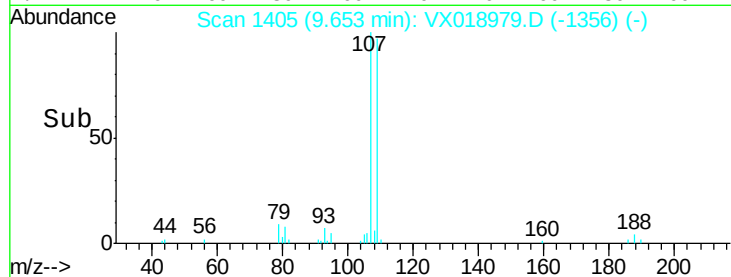
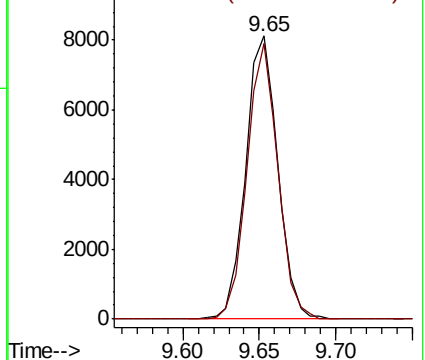
107 100

109 93.3 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

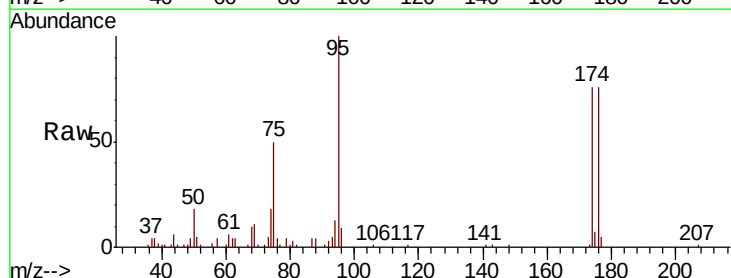
Tgt Ion: 95 Resp: 14722

Ion Ratio Lower Upper

95 100

174 71.8 0.0 159.8

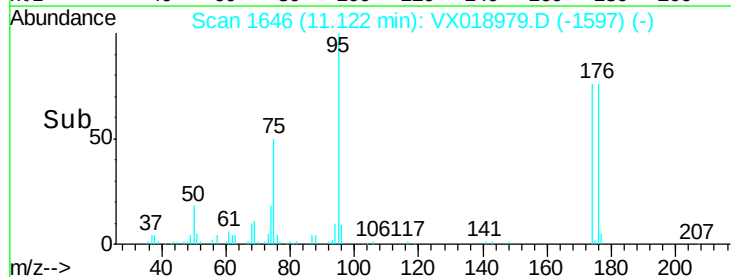
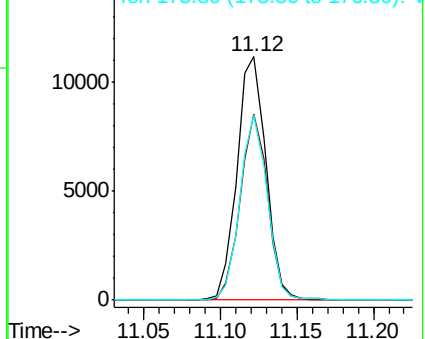
176 71.5 0.0 152.8

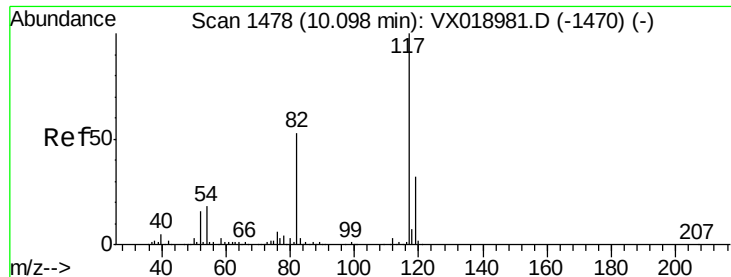


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

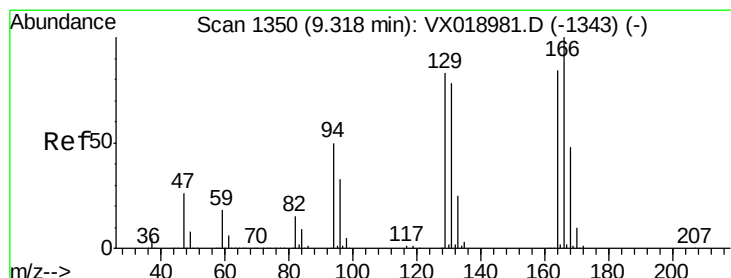
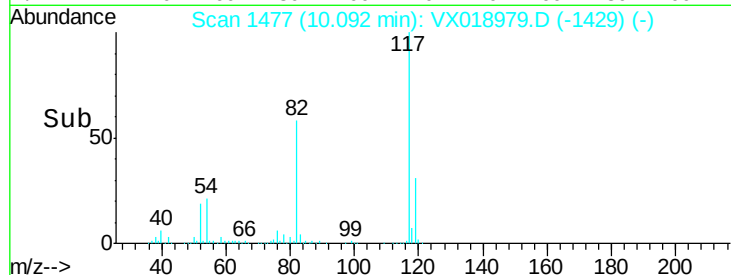
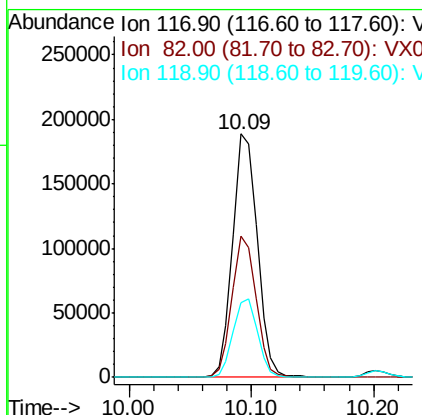
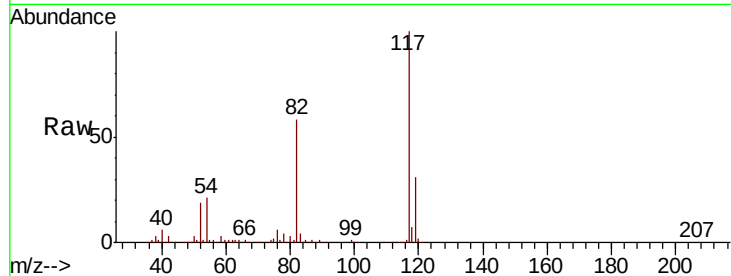




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

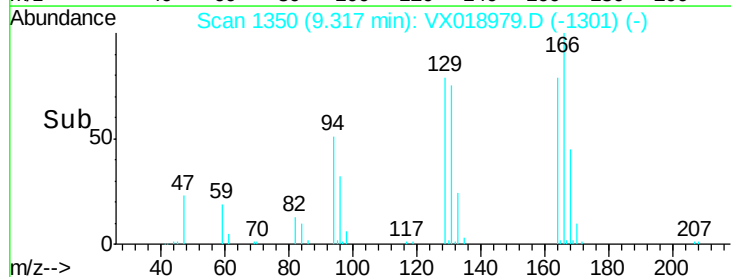
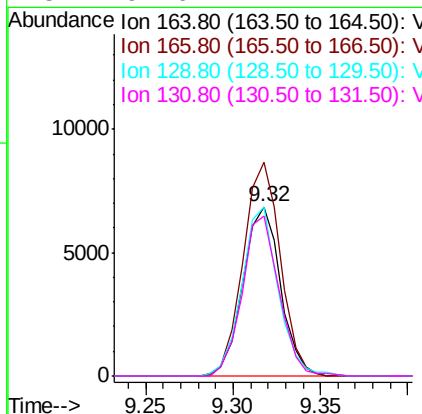
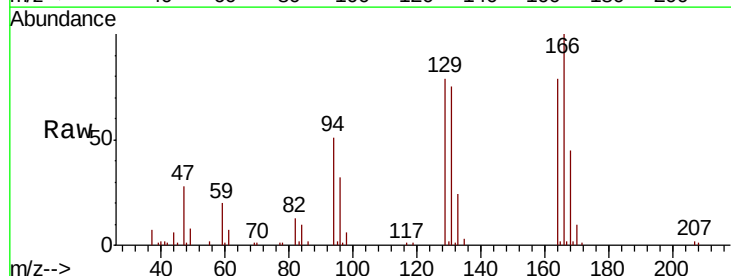
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

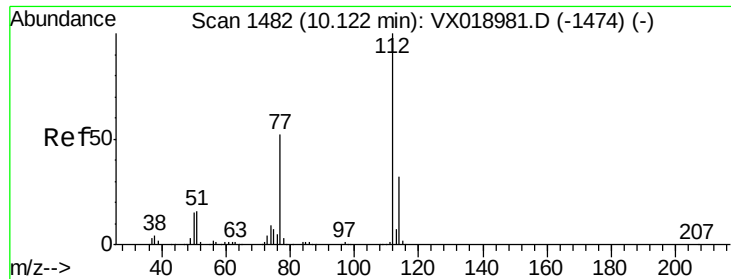
Tot Ion:117 Resp: 263383
Ion Ratio Lower Upper
117 100
82 58.0 42.2 63.4
119 30.6 25.8 38.8



#64
Tetrachloroethene
Concen: 4.804 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion:164 Resp: 10259
Ion Ratio Lower Upper
164 100
166 126.0 95.2 142.8
129 100.0 79.4 119.0
131 94.6 74.2 111.2

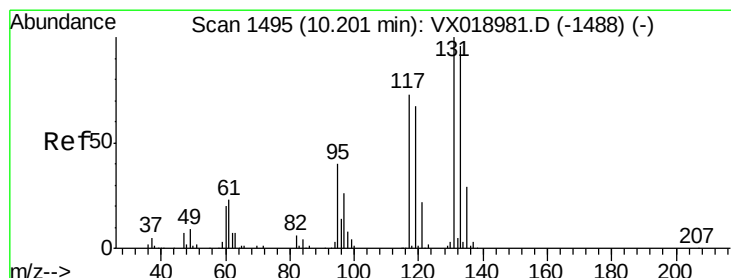
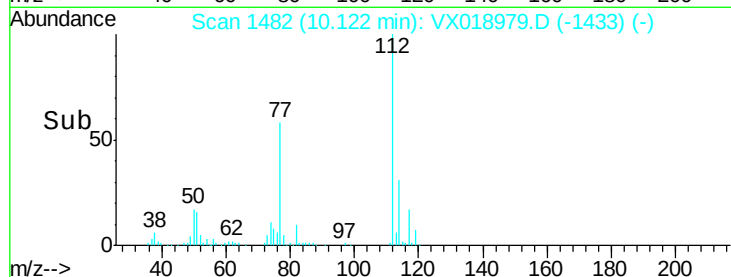
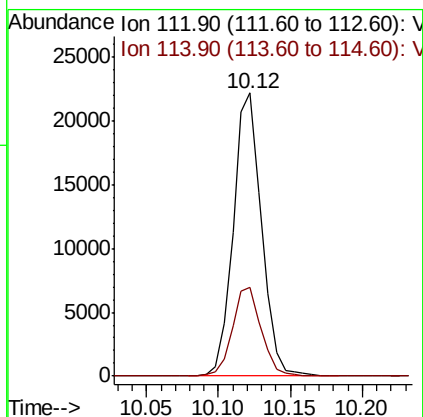
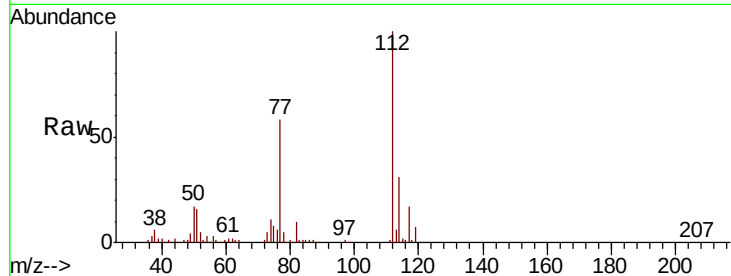




#65
Chlorobenzene
Concen: 5.459 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

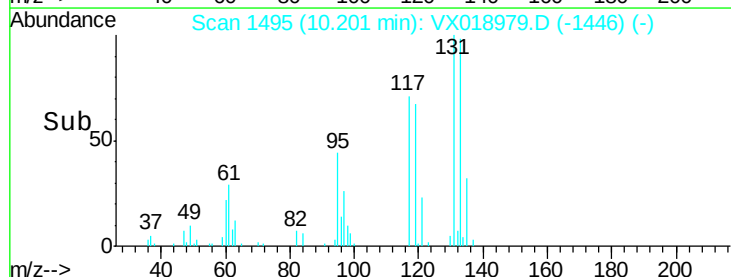
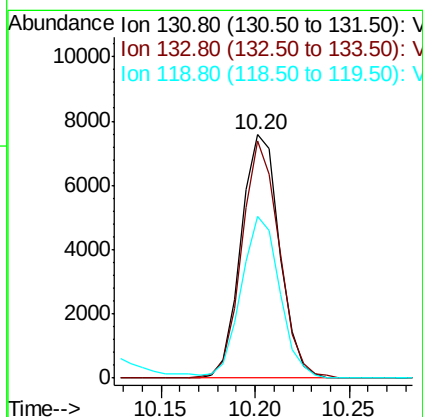
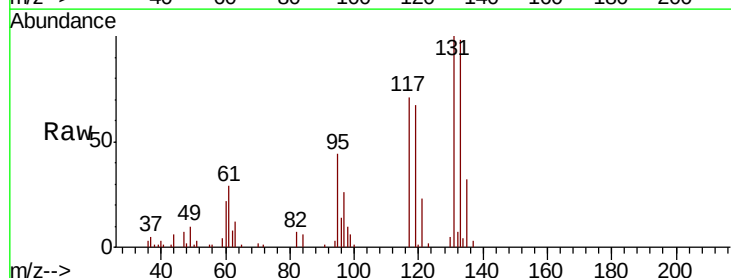
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

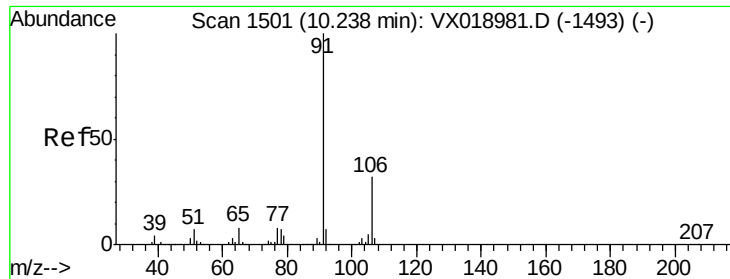
Tot Ion:112 Resp: 30459
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.315 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion:131 Resp: 10745
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 66.3 33.6 100.6





#67

Ethyl Benzene

Concen: 5.506 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

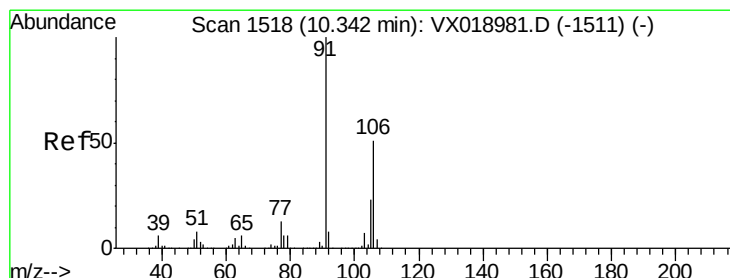
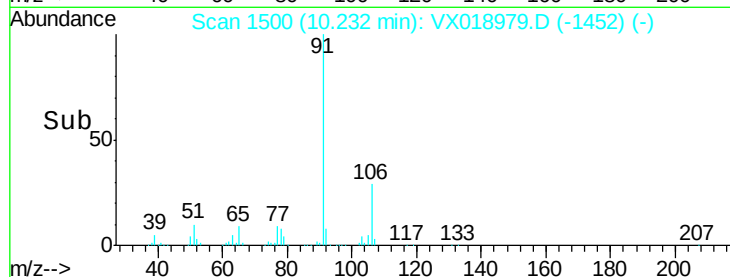
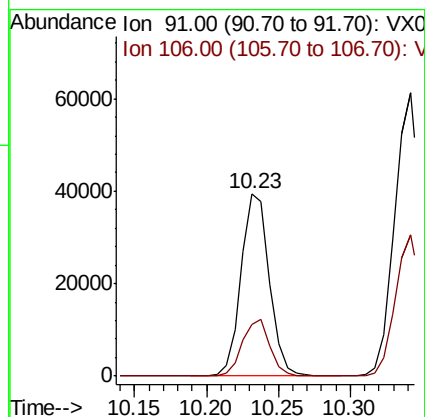
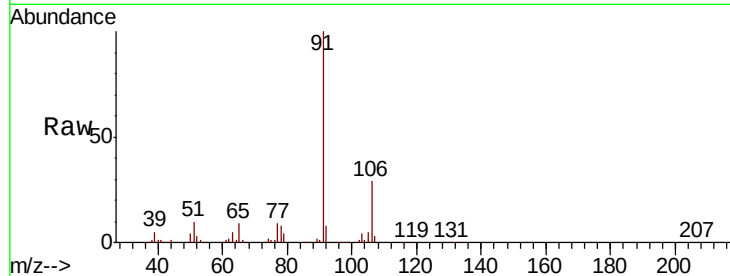
VSTDIC005

Tot Ion: 91 Resp: 53821

Ion Ratio Lower Upper

91 100

106 28.6 25.8 38.8



#68

m/p-Xylenes

Concen: 10.689 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018979.D

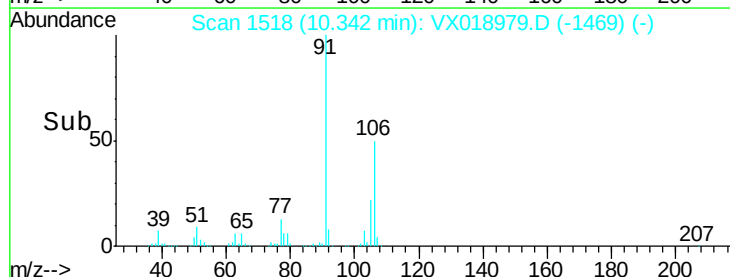
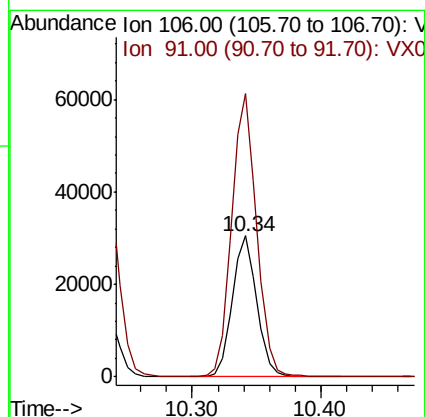
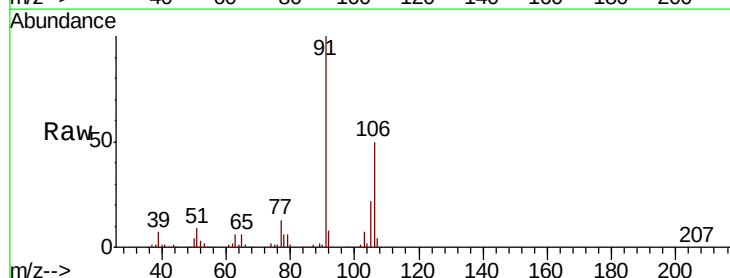
Acq: 20 Oct 2020 16:56

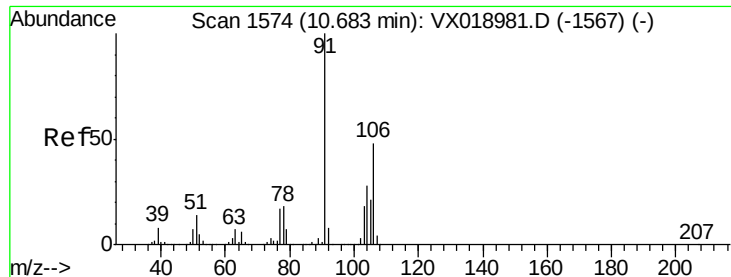
Tgt Ion: 106 Resp: 40791

Ion Ratio Lower Upper

106 100

91 203.2 157.9 236.9

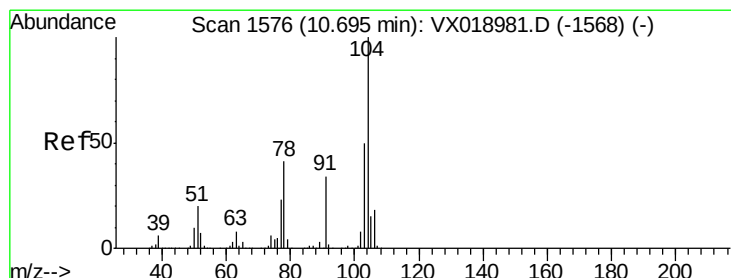
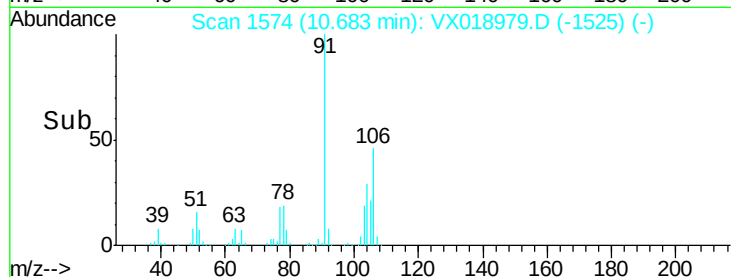
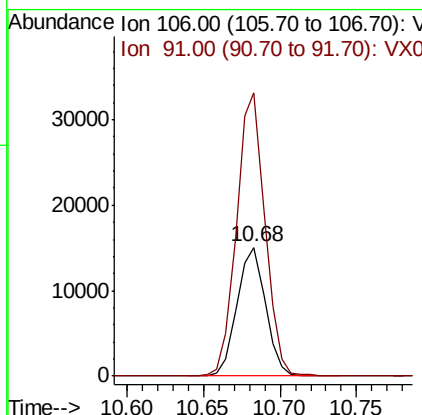
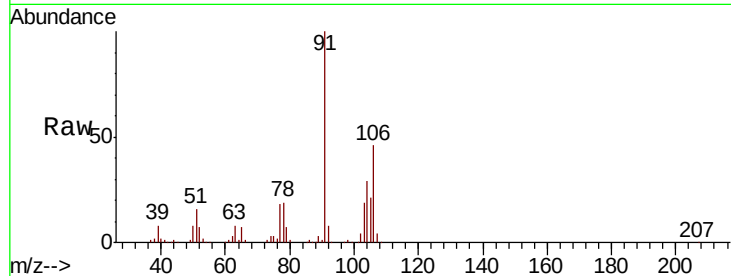




#69
o-Xylene
Concen: 5.400 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

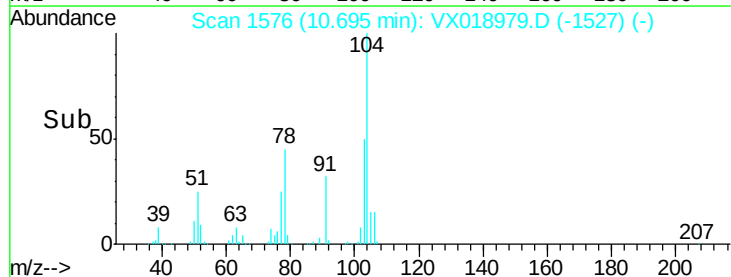
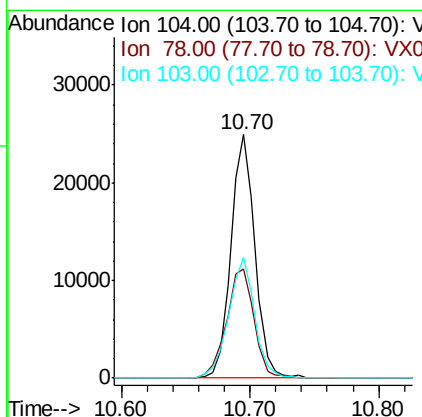
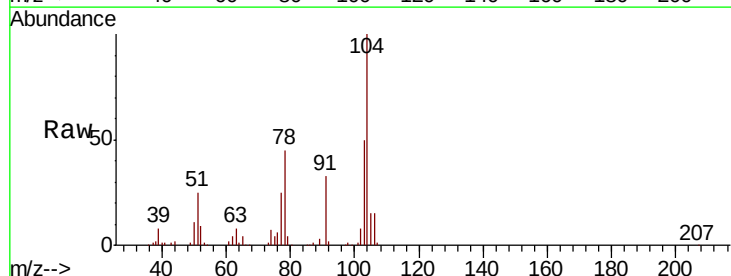
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

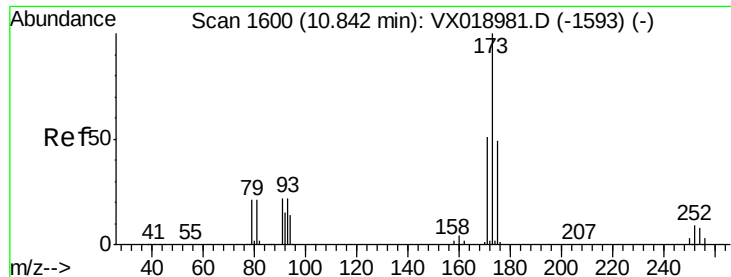
Tot Ion:106 Resp: 19498
Ion Ratio Lower Upper
106 100
91 218.5 105.5 316.5



#70
Styrene
Concen: 5.275 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion:104 Resp: 32523
Ion Ratio Lower Upper
104 100
78 51.9 37.4 56.0
103 54.3 43.7 65.5





#71

Bromoform

Concen: 4.906 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

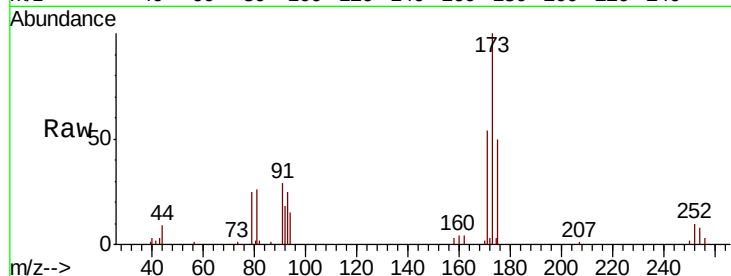
Tot Ion:173 Resp: 8036

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

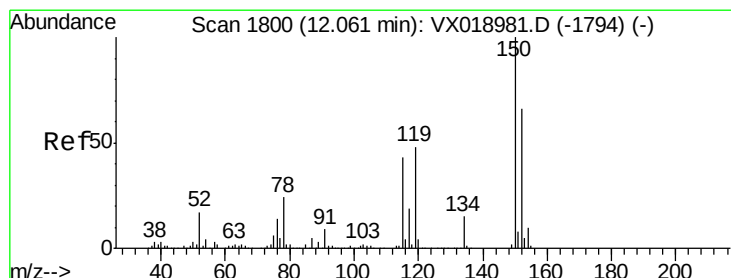
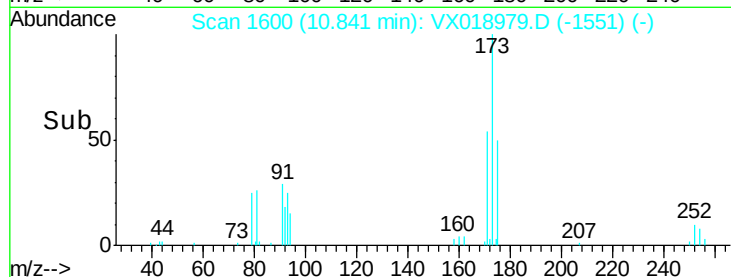
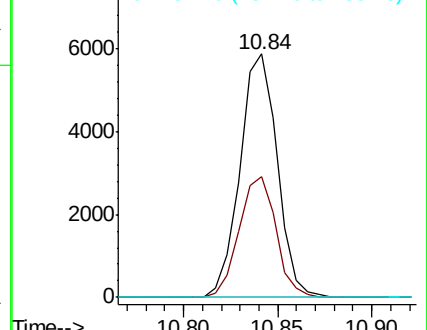
254 0.0 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

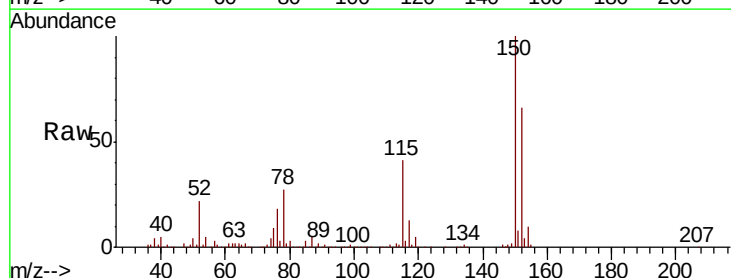
Tgt Ion:152 Resp: 132053

Ion Ratio Lower Upper

152 100

115 63.7 41.2 123.6

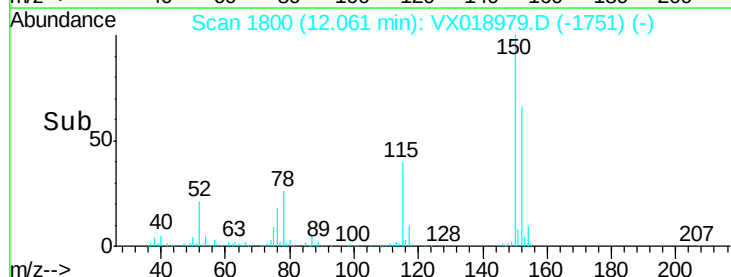
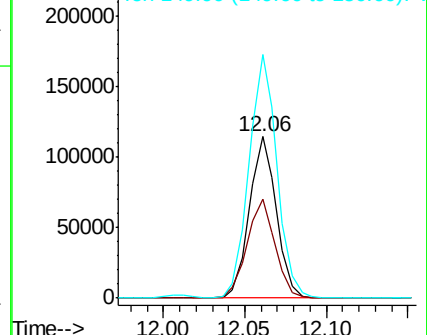
150 156.0 0.0 345.6

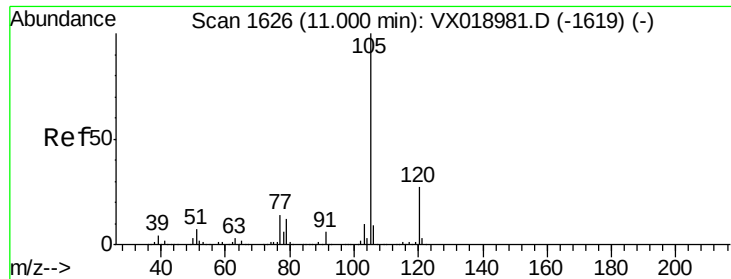


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.616 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

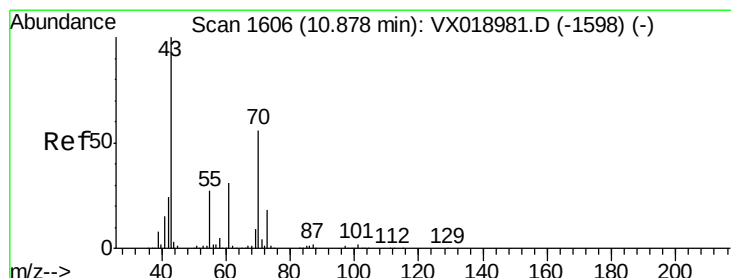
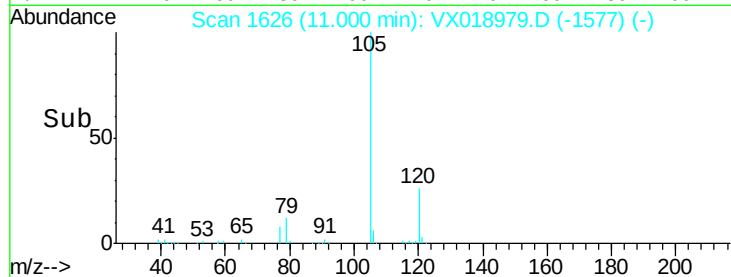
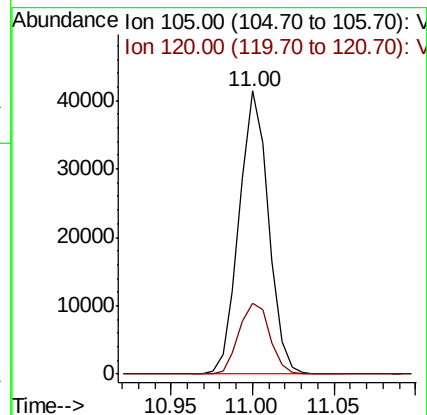
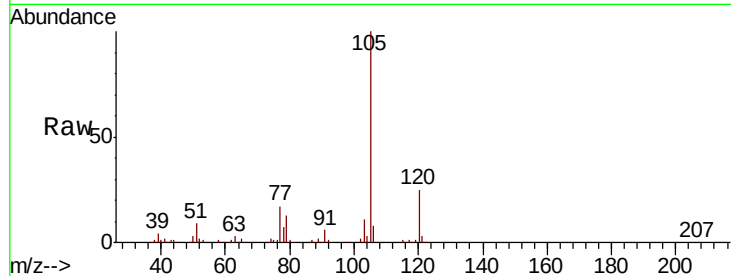
VSTDIC005

Tot Ion:105 Resp: 51981

Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.7



#74

N-ethyl acetate

Concen: 5.899 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Tgt Ion: 43 Resp: 18820

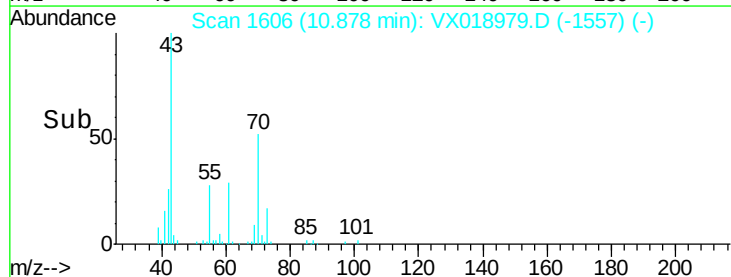
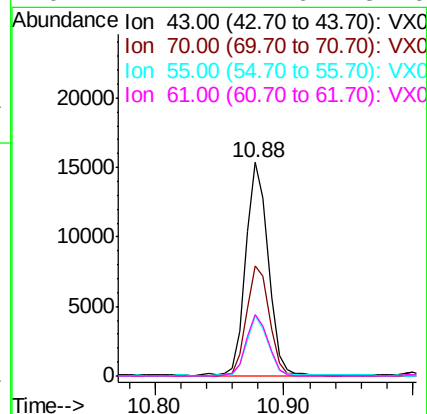
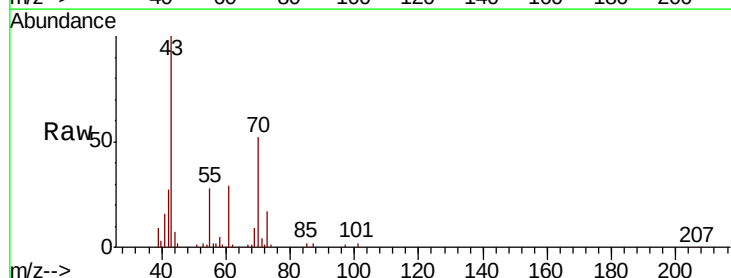
Ion Ratio Lower Upper

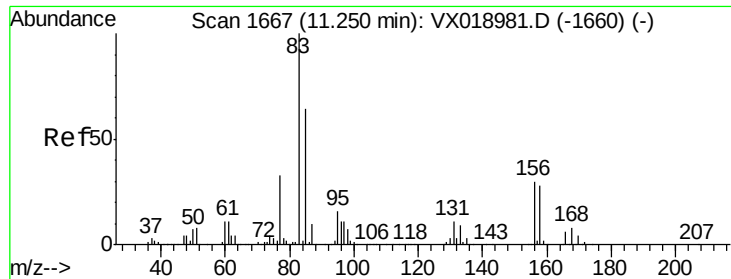
43 100

70 52.0 45.9 68.9

55 27.4 21.9 32.9

61 27.7 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.134 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

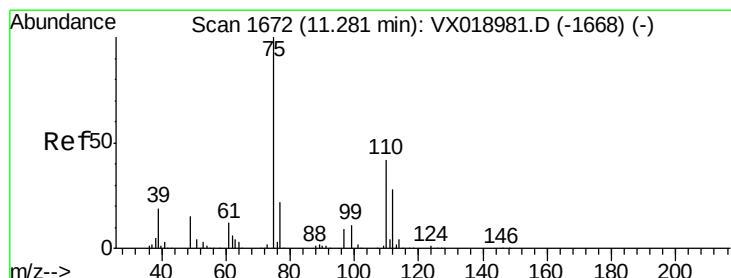
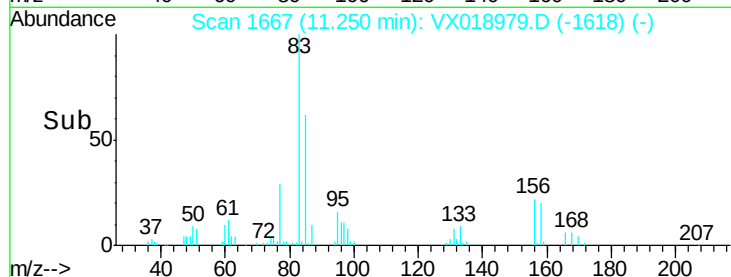
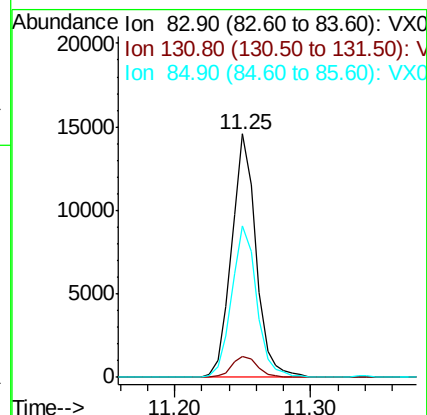
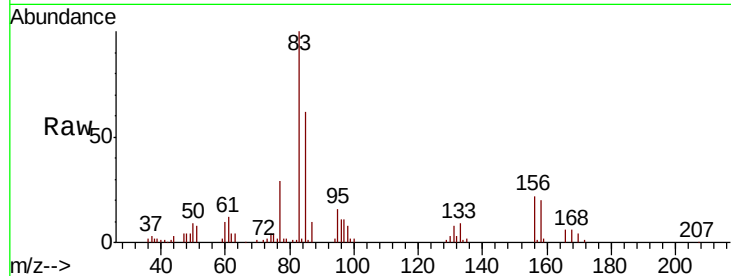
Tot Ion: 83 Resp: 18181

Ion Ratio Lower Upper

83 100

131 9.1 5.4 16.2

85 63.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 7.818 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018979.D

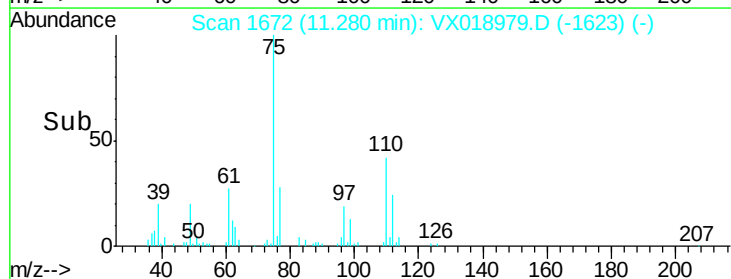
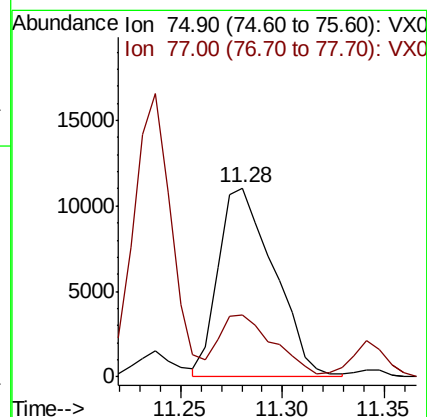
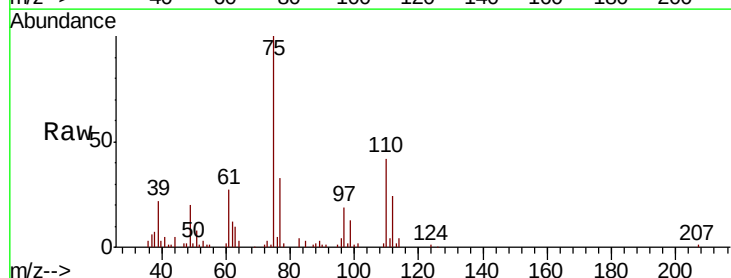
Acq: 20 Oct 2020 16:56

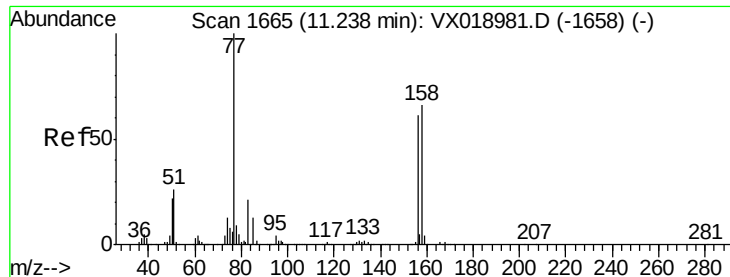
Tgt Ion: 75 Resp: 20968

Ion Ratio Lower Upper

75 100

77 31.9 20.6 61.9





#77

Bromobenzene

Concen: 5.152 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

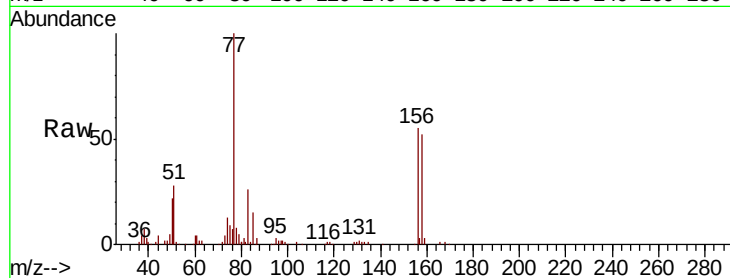
Tot Ion:156 Resp: 11854

Ion Ratio Lower Upper

156 100

77 179.8 78.5 235.3

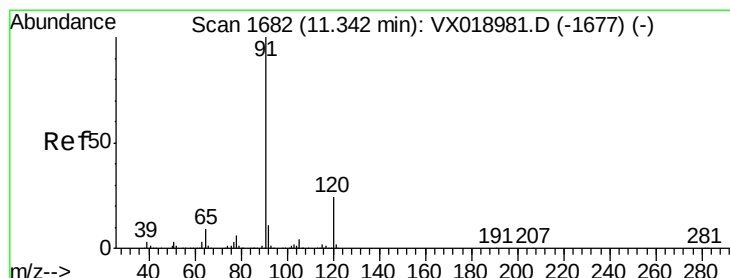
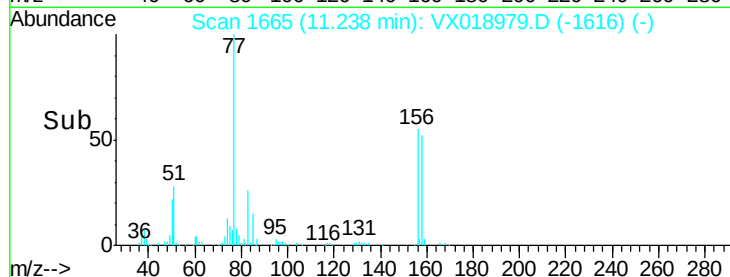
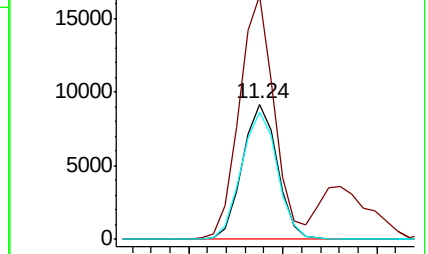
158 96.8 50.2 150.6



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: 5.758 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018979.D

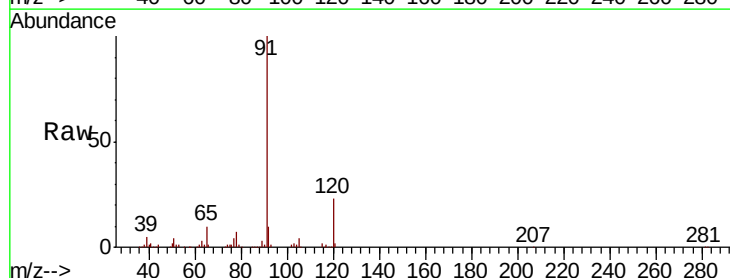
Acq: 20 Oct 2020 16:56

Tgt Ion: 91 Resp: 61340

Ion Ratio Lower Upper

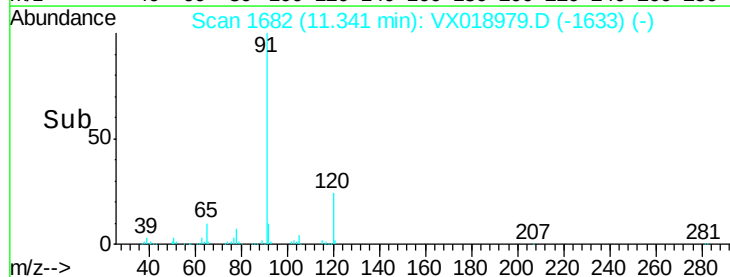
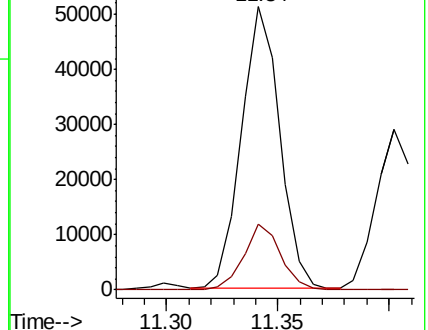
91 100

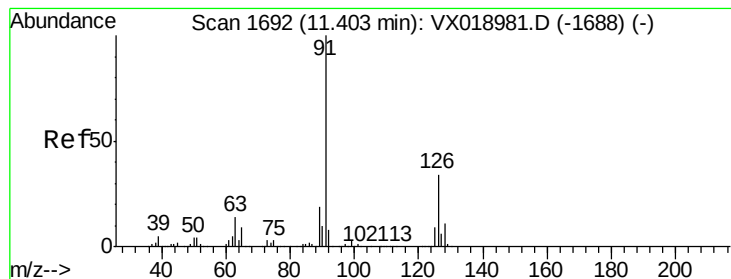
120 22.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.765 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

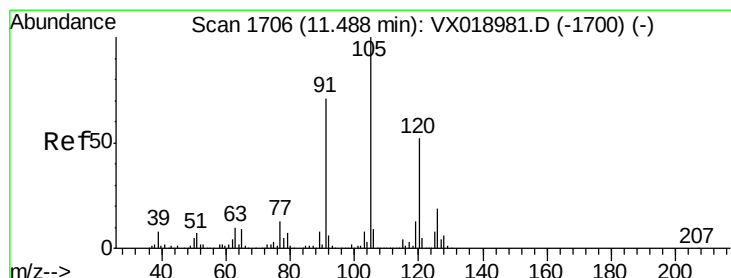
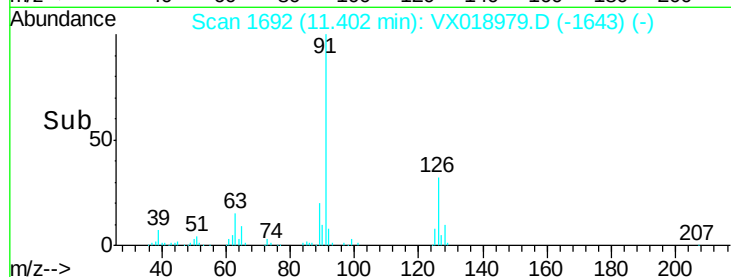
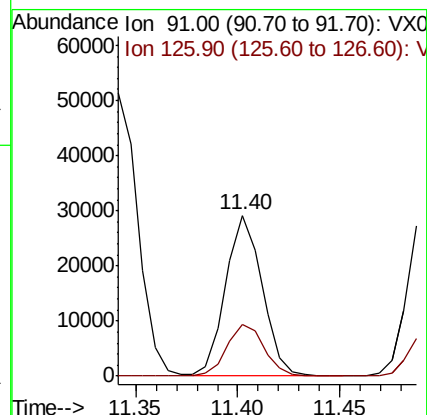
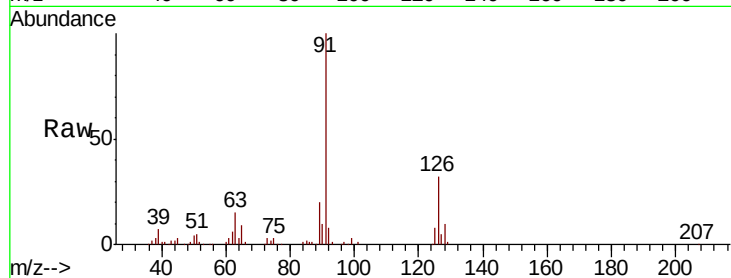
VSTDIC005

Tot Ion: 91 Resp: 35925

Ion Ratio Lower Upper

91 100

126 33.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 5.515 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018979.D

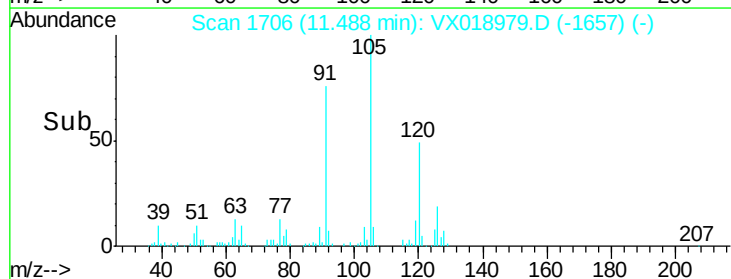
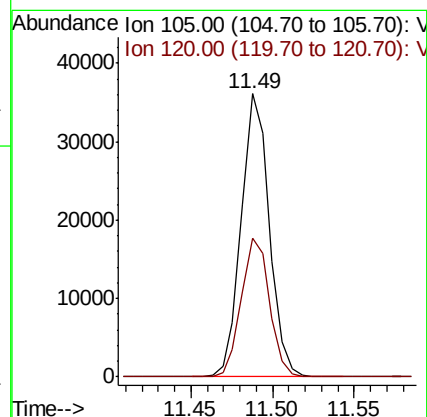
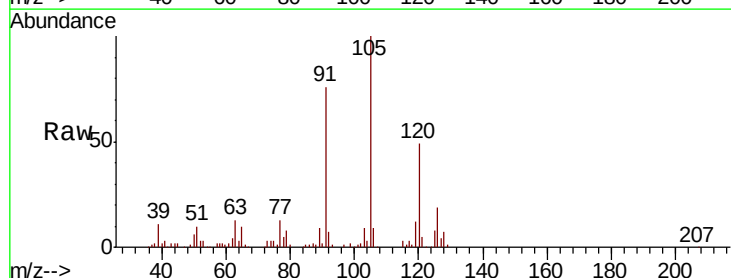
Acq: 20 Oct 2020 16:56

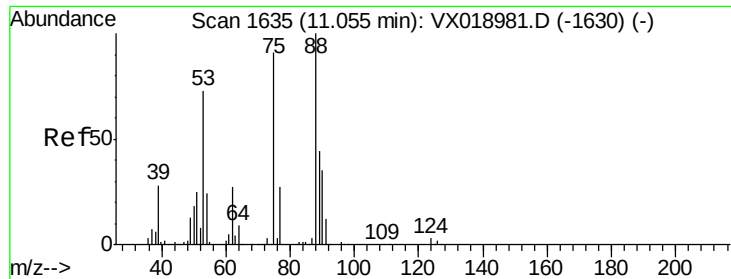
Tgt Ion: 105 Resp: 43331

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 5.605 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

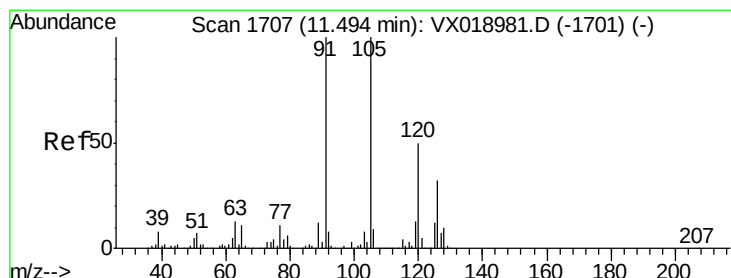
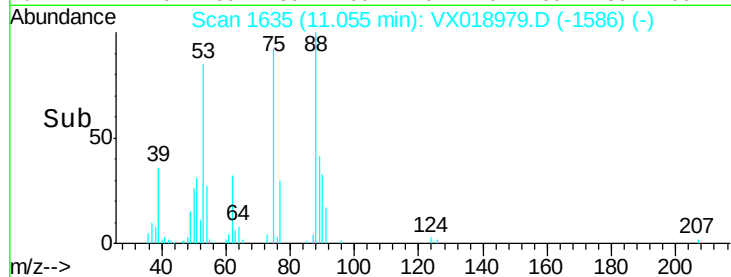
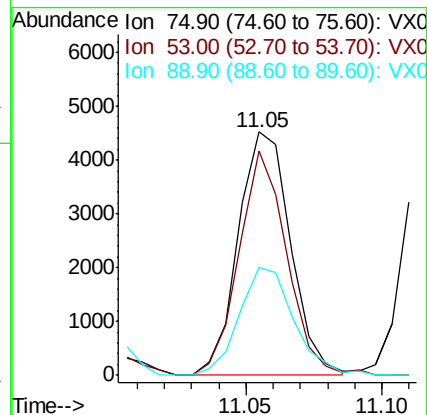
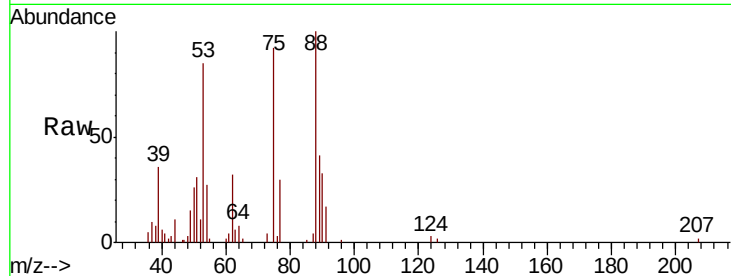
Tot Ion: 75 Resp: 6046

Ion Ratio Lower Upper

75 100

53 84.2 63.9 95.9

89 46.5 39.9 59.9



#82

4-Chlorotoluene

Concen: 5.823 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018979.D

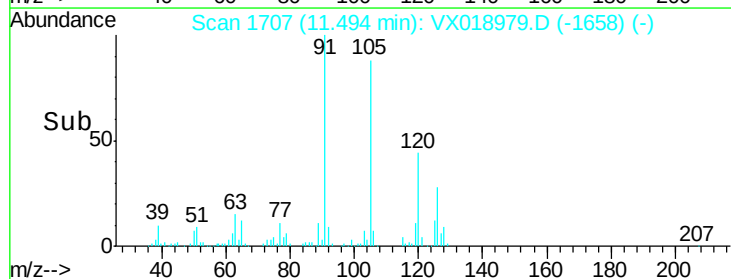
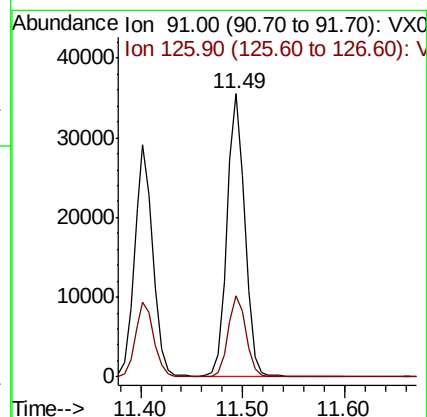
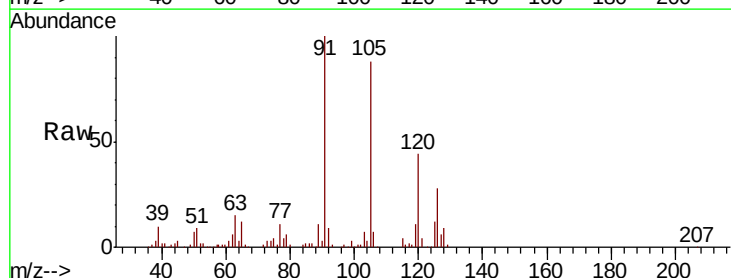
Acq: 20 Oct 2020 16:56

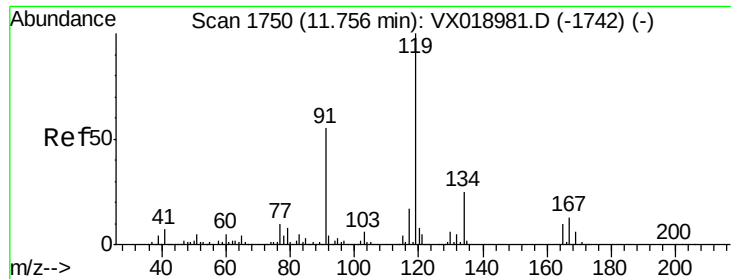
Tgt Ion: 91 Resp: 43470

Ion Ratio Lower Upper

91 100

126 28.5 15.9 47.6

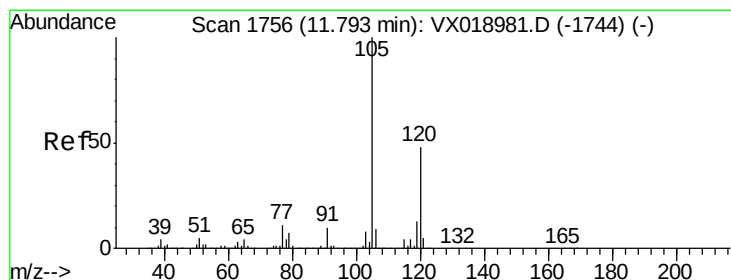
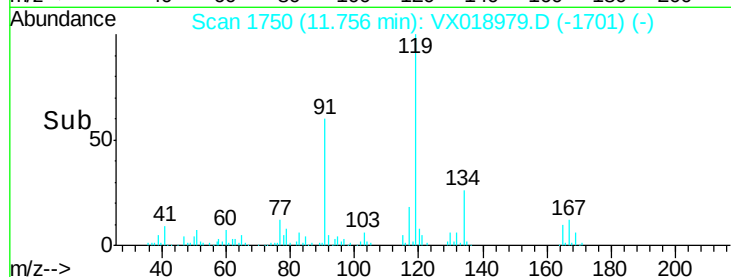
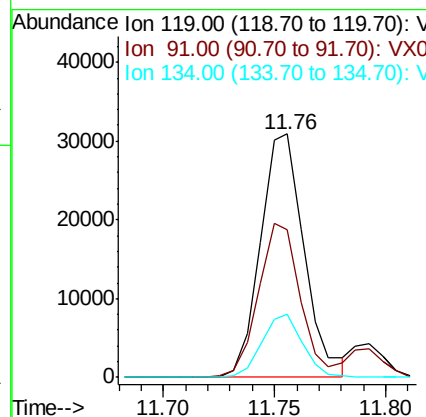
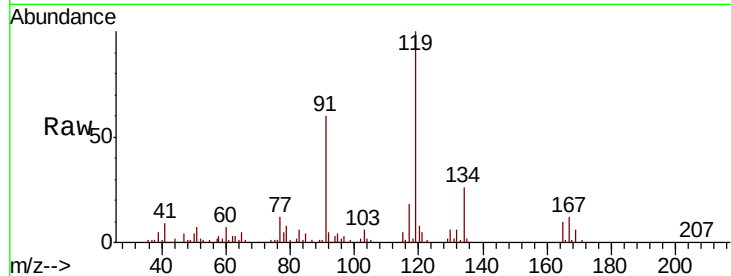




#83
 tert-Butylbenzene
 Concen: 5.497 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

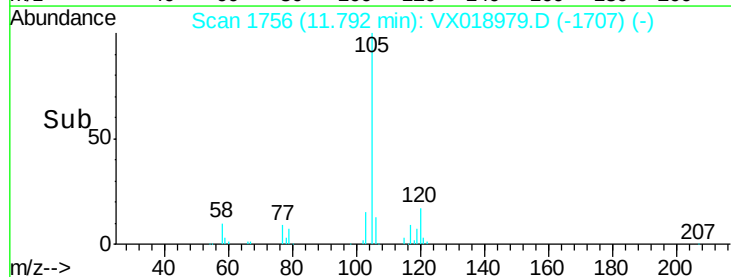
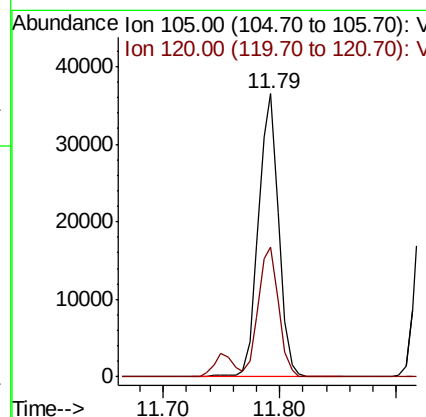
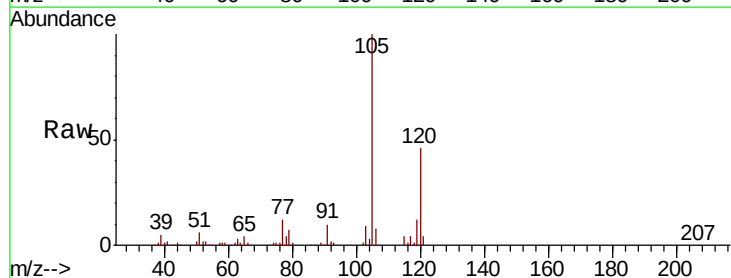
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

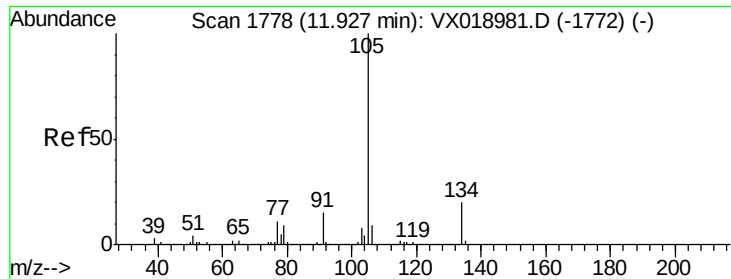
Tot Ion:119 Resp: 42269
 Ion Ratio Lower Upper
 119 100
 91 60.0 27.5 82.4
 134 24.1 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.604 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion:105 Resp: 44237
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 5.579 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

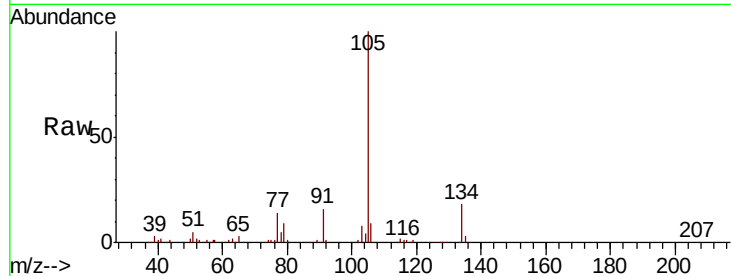
VSTDIC005

Tot Ion:105 Resp: 51449

Ion Ratio Lower Upper

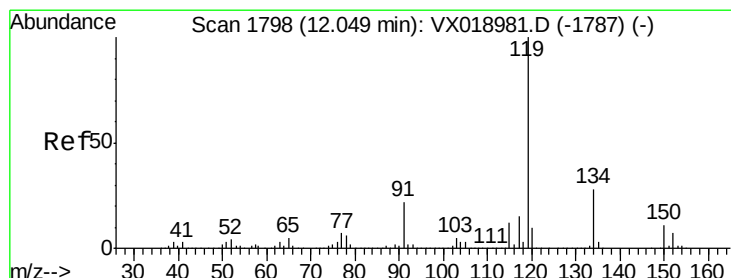
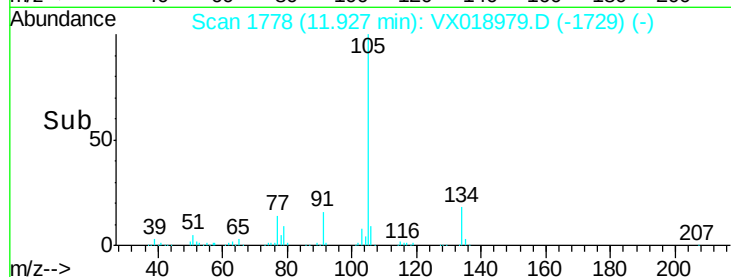
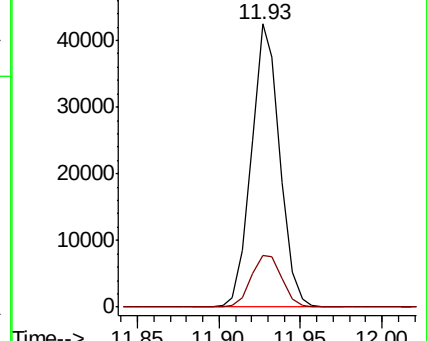
105 100

134 19.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.594 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018979.D

Acq: 20 Oct 2020 16:56

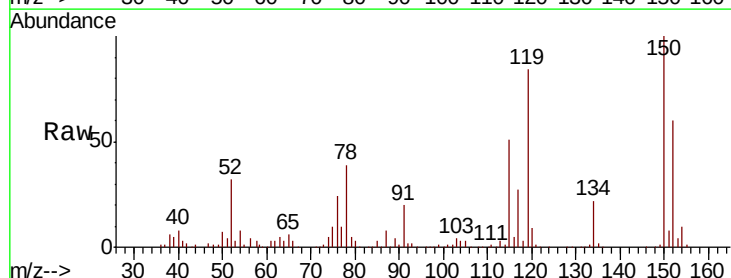
Tgt Ion:119 Resp: 47608

Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.5

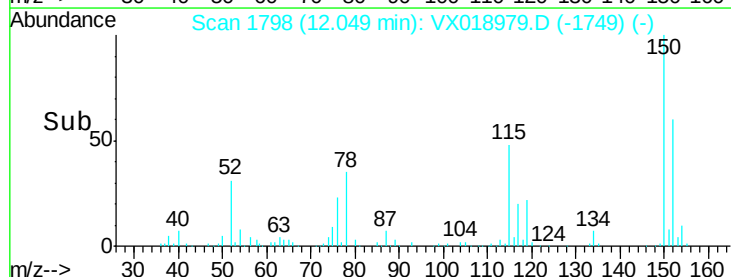
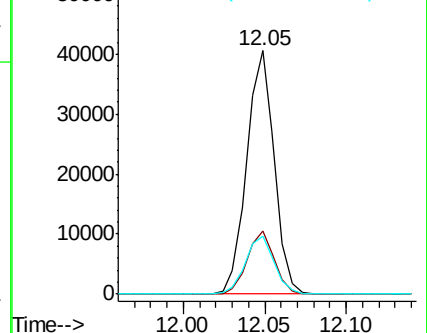
91 25.0 11.0 33.0

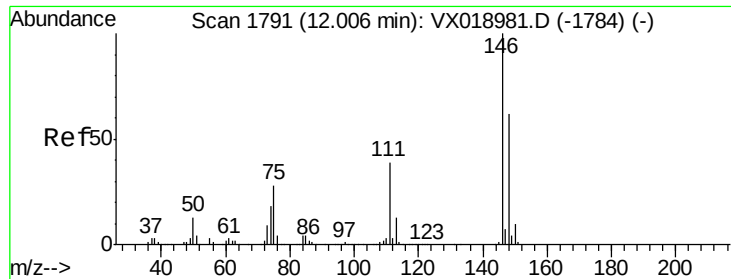


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

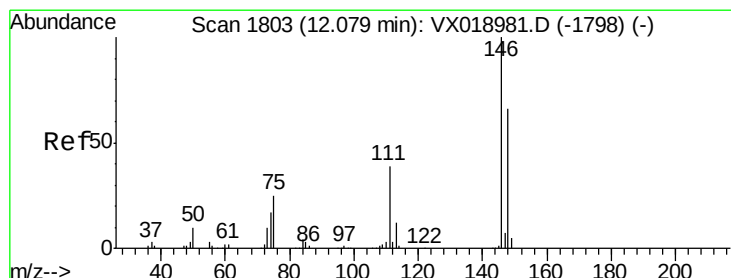
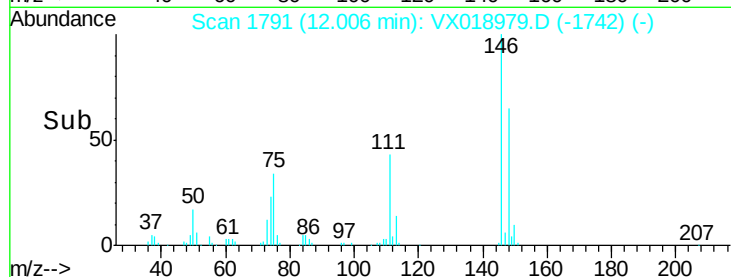
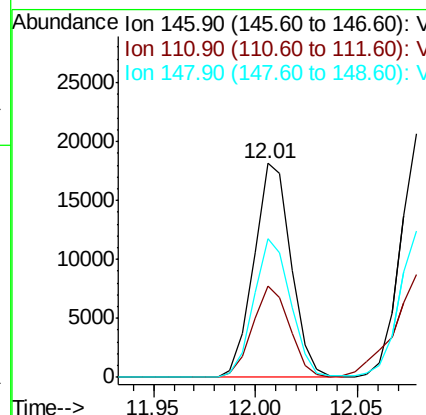
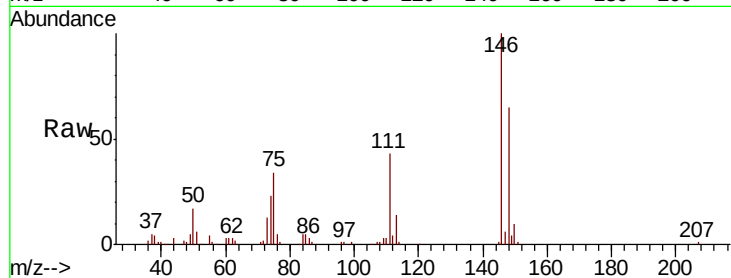




#87
 1,3-Dichlorobenzene
 Concen: 5.398 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

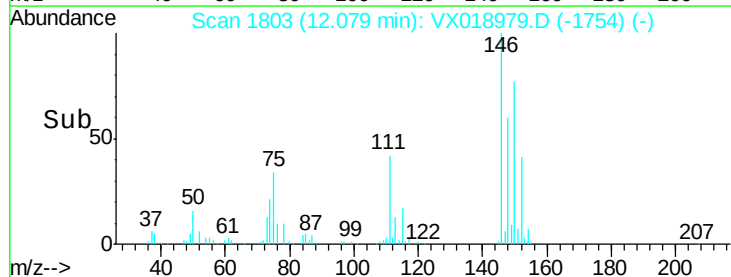
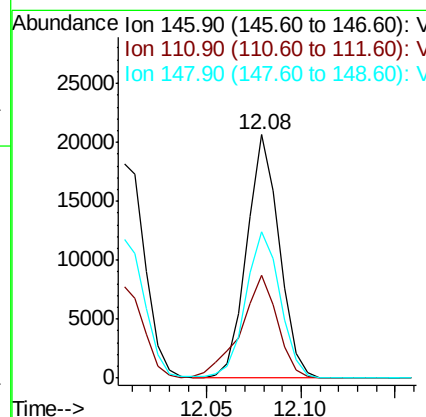
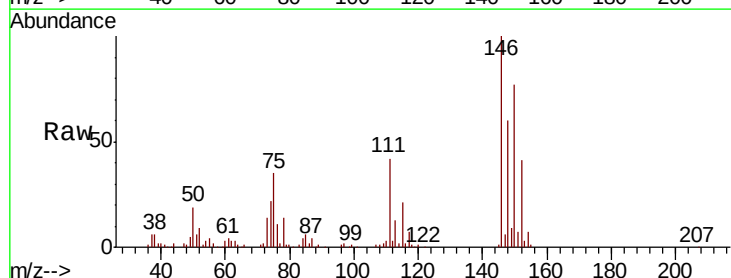
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

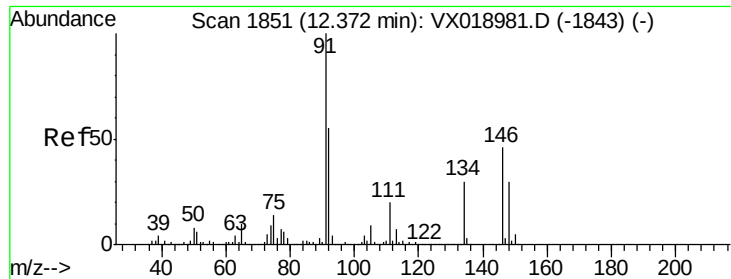
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.8	59.4
148	64.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 5.598 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.1	19.3	57.9
148	64.0	32.6	98.0

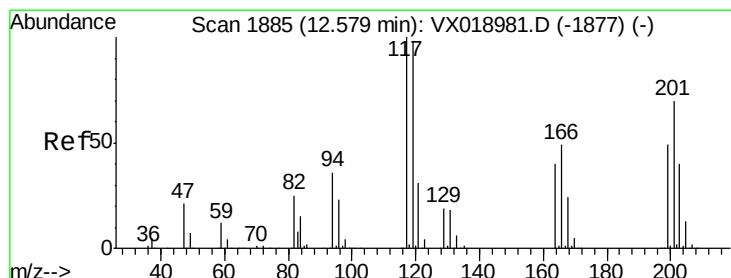
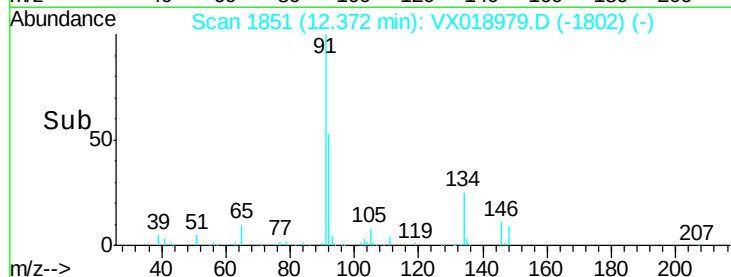
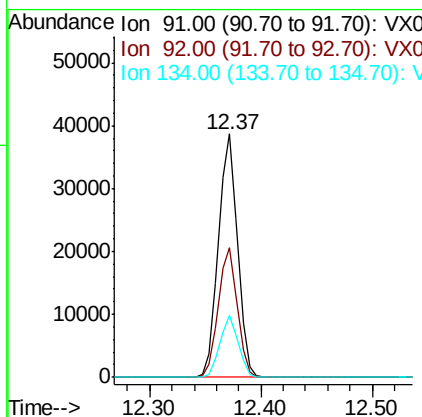
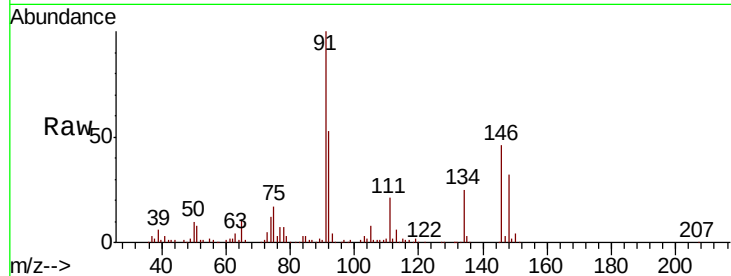




#89
n-Butylbenzene
Concen: 5.943 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

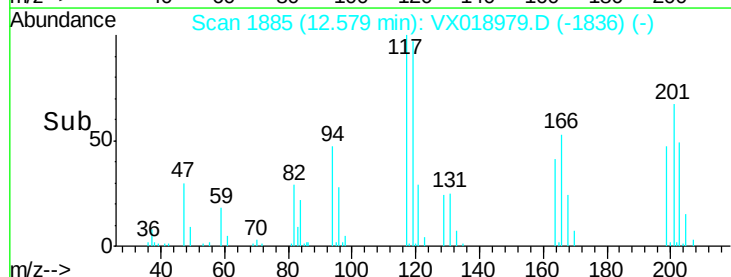
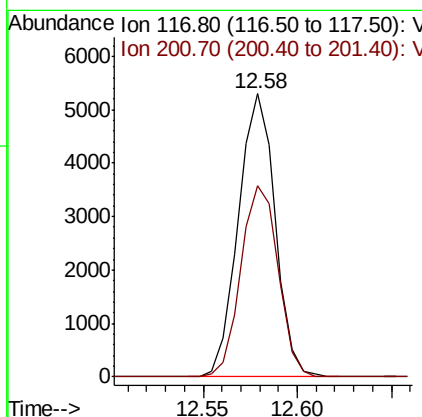
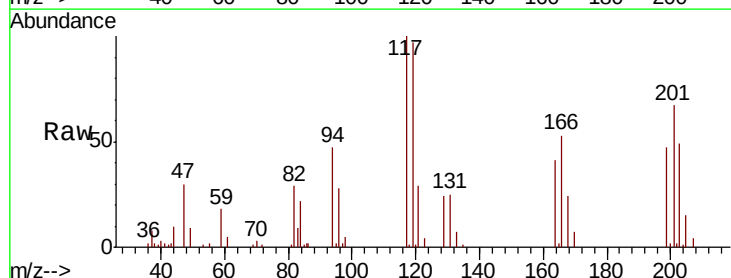
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

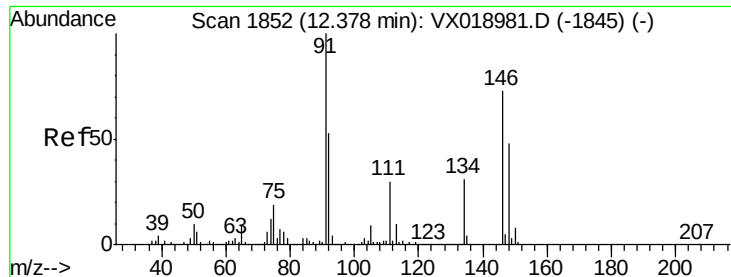
Tot Ion: 91 Resp: 46164
Ion Ratio Lower Upper
91 100
92 52.8 27.2 81.6
134 24.2 14.2 42.8



#90
Hexachloroethane
Concen: 5.268 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion: 117 Resp: 7169
Ion Ratio Lower Upper
117 100
201 68.3 36.1 108.5

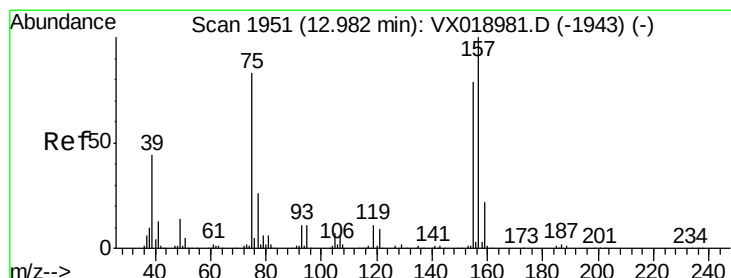
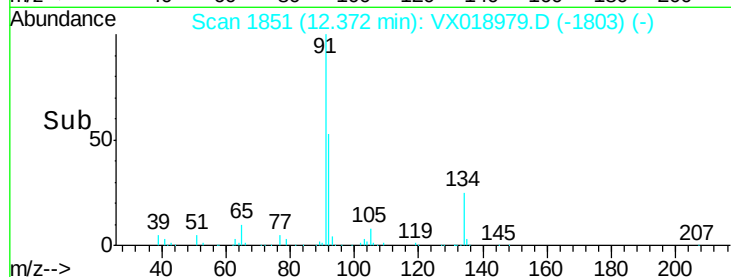
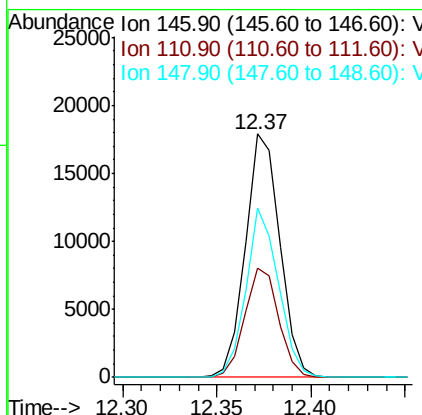
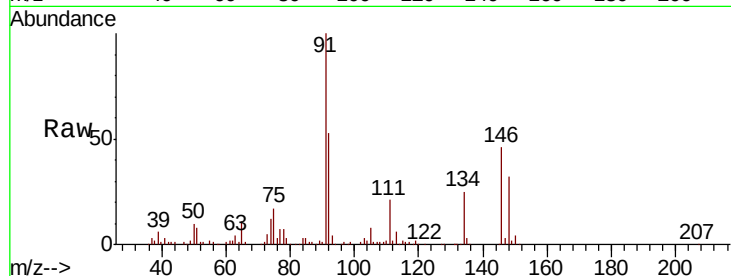




#91
 1,2-Dichlorobenzene
 Concen: 5.506 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

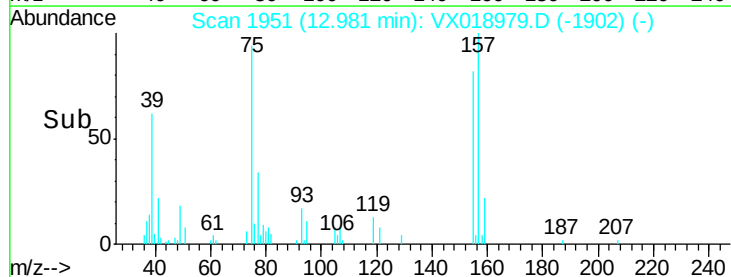
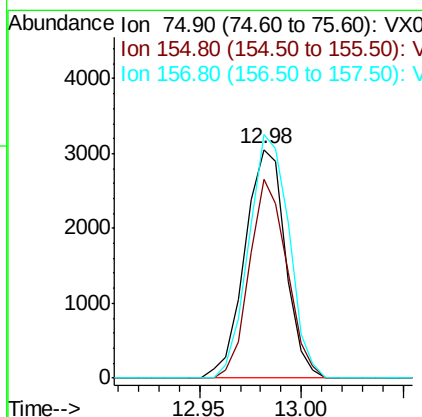
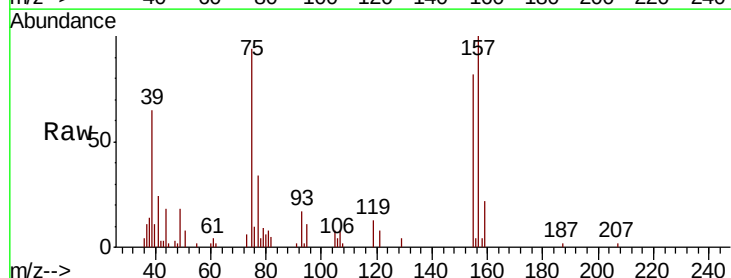
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

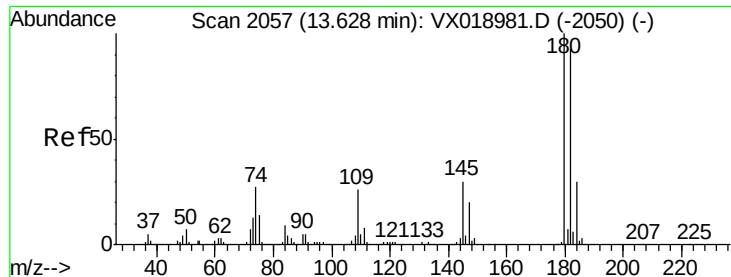
Tot Ion:146 Resp: 22763
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.8 62.5
 148 65.3 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.179 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion: 75 Resp: 4210
 Ion Ratio Lower Upper
 75 100
 155 80.7 47.6 142.9
 157 105.9 62.7 188.1

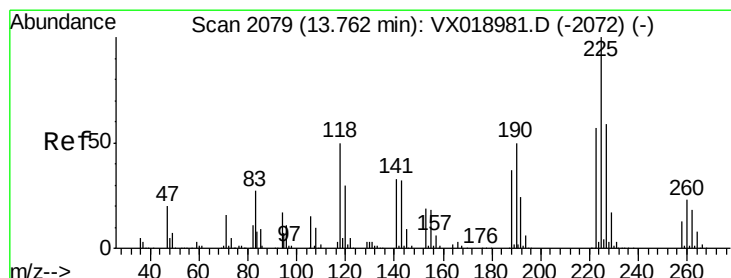
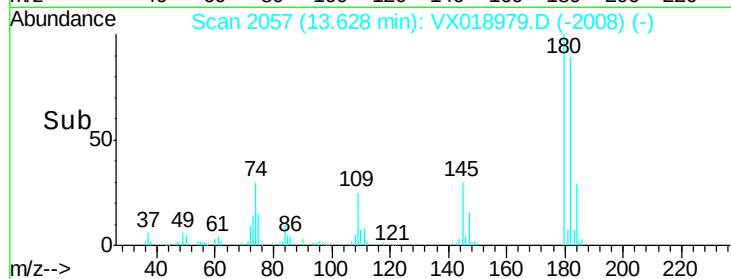
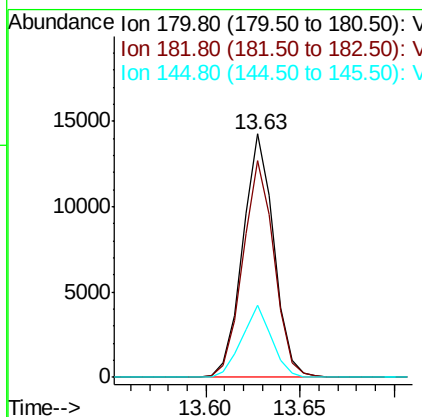
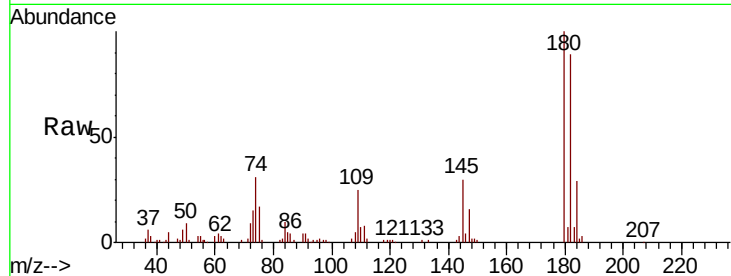




#93
 1,2,4-Trichlorobenzene
 Concen: 5.751 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

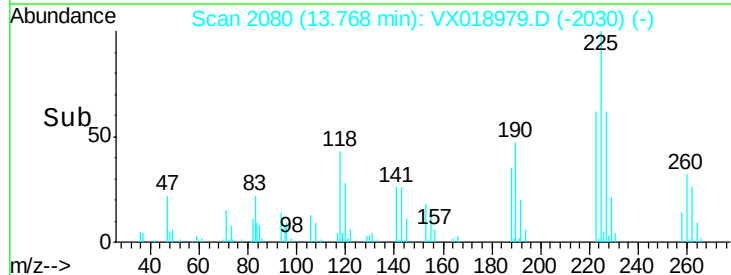
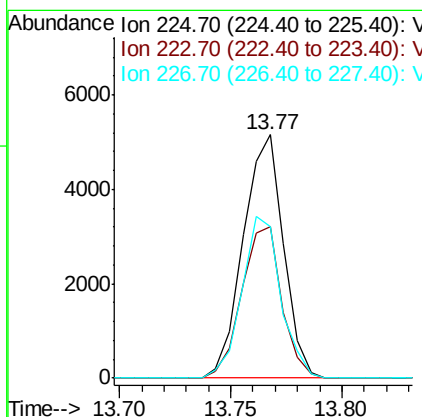
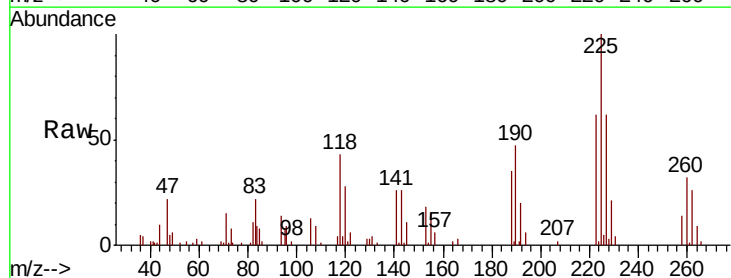
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

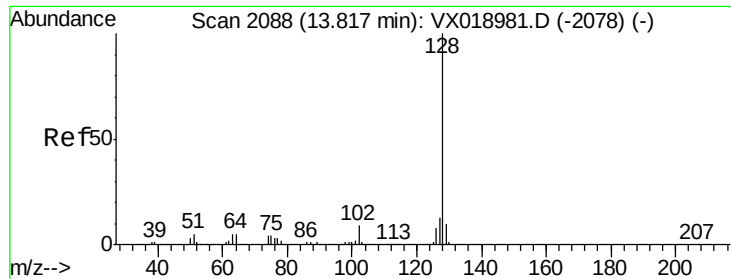
Tot Ion:180 Resp: 16298
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.6 139.7
 145 28.1 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 5.383 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018979.D
 Acq: 20 Oct 2020 16:56

Tgt Ion:225 Resp: 6498
 Ion Ratio Lower Upper
 225 100
 223 61.9 29.4 88.3
 227 64.2 30.6 92.0

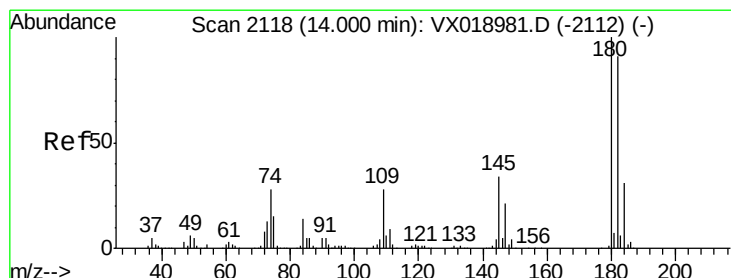
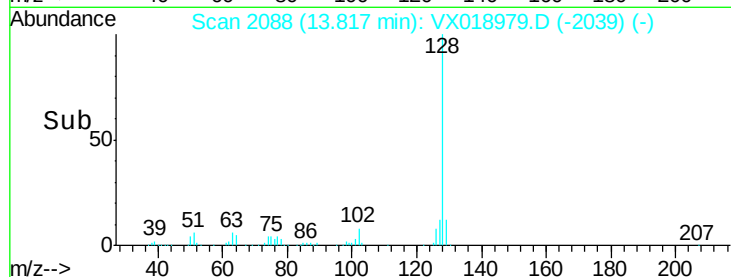
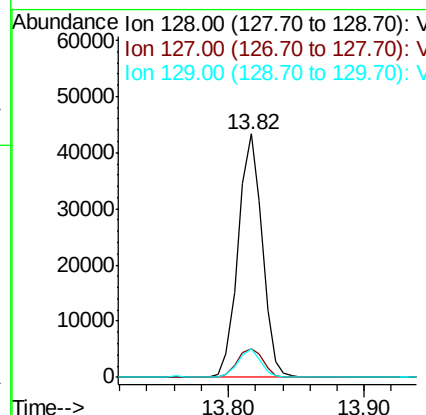
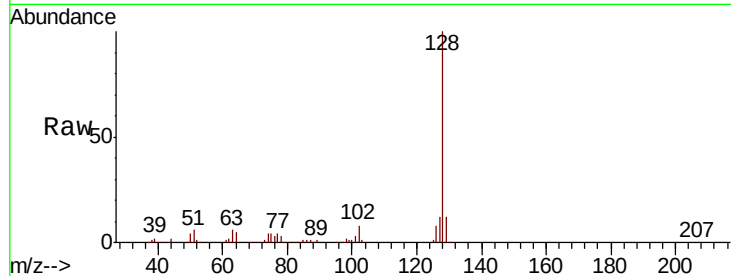




#95
Naphthalene
Concen: 5.643 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.307 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018979.D
Acq: 20 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	35.7	17.0	51.0

