

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\NOT REVIEWED DATA\
 Data File : VX019007.D
 Acq On : 21 Oct 2020 18:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 03 12:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	17044	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
35) Dibromofluoromethane	5.46	113	14137	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.70	98	54670	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
62) 4-Bromofluorobenzene	11.12	95	19583	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	11707	4.698	ug/l	97
3) Chloromethane	1.31	50	12545	5.063	ug/l	94
4) Vinyl Chloride	1.39	62	15134	5.176	ug/l	99
5) Bromomethane	1.64	94	19799	1.986	ug/l	97
6) Chloroethane	1.71	64	12177	6.094	ug/l	99
7) Trichlorofluoromethane	1.92	101	26664	5.397	ug/l	100
8) Diethyl Ether	2.17	74	10677	5.519	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12649	5.404	ug/l	98
10) Methyl Iodide	2.49	142	10371	7.612	ug/l	97
11) Tert butyl alcohol	3.04	59	16100	26.525	ug/l	97
12) 1,1-Dichloroethene	2.35	96	13087	5.374	ug/l	93
13) Acrolein	2.28	56	8040	46.838	ug/l	99
14) Allyl chloride	2.71	41	16595	5.268	ug/l	98
15) Acrylonitrile	3.12	53	30916	26.340	ug/l	97
16) Acetone	2.43	43	27219	26.665	ug/l	97
17) Carbon Disulfide	2.55	76	36069	5.136	ug/l	100
18) Methyl Acetate	2.75	43	12959	5.116	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	41625	5.396	ug/l	99
20) Methylene Chloride	2.84	84	14875	5.234	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	14844	5.224	ug/l	98
22) Diisopropyl ether	3.82	45	33293	5.359	ug/l	93
23) Vinyl Acetate	3.78	43	156974	26.612	ug/l	99
24) 1,1-Dichloroethane	3.67	63	24728	5.466	ug/l	98
25) 2-Butanone	4.64	43	43241	26.809	ug/l	98
26) 2,2-Dichloropropane	4.55	77	23060	5.521	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	17651	5.473	ug/l	96
28) Bromochloromethane	4.98	49	10143	5.280	ug/l	99
29) Tetrahydrofuran	5.09	42	25454	26.404	ug/l	99
30) Chloroform	5.18	83	25802	5.253	ug/l	99
31) Cyclohexane	5.54	56	18740	5.340	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	23539	5.284	ug/l	99
36) 1,1-Dichloropropene	5.77	75	20063	5.288	ug/l	98
37) Ethyl Acetate	4.79	43	16887	5.215	ug/l	99
38) Carbon Tetrachloride	5.75	117	20132	5.056	ug/l	94

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 ALS Vial : 12 Sample Multiplier: 1

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 VSTDIC005

Quant Time: Nov 03 12:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	21875	5.146	ug/l	97
40) Benzene	6.11	78	58928	5.274	ug/l	99
41) Methacrylonitrile	5.01	41	9553	5.492	ug/l	96
42) 1,2-Dichloroethane	6.16	62	20243	5.309	ug/l	100
43) Isopropyl Acetate	6.41	43	28966	5.282	ug/l	99
44) Trichloroethene	7.19	130	17111	5.251	ug/l	100
45) 1,2-Dichloropropane	7.49	63	14031	5.235	ug/l	97
46) Dibromomethane	7.63	93	10482	5.135	ug/l	99
47) Bromodichloromethane	7.88	83	20593	5.145	ug/l	95
48) Methyl methacrylate	7.74	41	13636	5.046	ug/l	98
49) 1,4-Dioxane	7.74	88	6673	109.296	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	85142	26.347	ug/l	100
52) Toluene	8.76	92	38127	5.166	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	22482	4.974	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	24785	5.193	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	15855	5.270	ug/l	96
56) Ethyl methacrylate	9.16	69	22056	5.096	ug/l	98
57) 1,3-Dichloropropane	9.35	76	25498	5.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	59915	26.351	ug/l	99
59) 2-Hexanone	9.48	43	64600	26.825	ug/l	99
60) Dibromochloromethane	9.57	129	16173	4.932	ug/l	98
61) 1,2-Dibromoethane	9.65	107	16761	5.207	ug/l	96
64) Tetrachloroethene	9.32	164	15462	5.299	ug/l	95
65) Chlorobenzene	10.12	112	42901	5.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	14627	5.118	ug/l	98
67) Ethyl Benzene	10.24	91	73733	5.321	ug/l	97
68) m/p-Xylenes	10.34	106	55362	10.430	ug/l	98
69) o-Xylene	10.68	106	26919	5.299	ug/l	99
70) Styrene	10.69	104	44855	5.201	ug/l	98
71) Bromoform	10.84	173	11167	4.840	ug/l #	98
73) Isopropylbenzene	11.00	105	72388	5.368	ug/l	100
74) N-amyl acetate	10.88	43	23113	5.350	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	22175	5.459	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	26290	7.017	ug/l	85
77) Bromobenzene	11.24	156	17732	5.207	ug/l	98
78) n-propylbenzene	11.34	91	81883	5.359	ug/l	99
79) 2-Chlorotoluene	11.40	91	47656	5.346	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	58722	5.273	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	7384	5.021	ug/l	91
82) 4-Chlorotoluene	11.49	91	56143	5.293	ug/l	100
83) tert-Butylbenzene	11.76	119	57550	5.246	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	59012	5.292	ug/l	100
85) sec-Butylbenzene	11.93	105	71117	5.357	ug/l	100
86) p-Isopropyltoluene	12.05	119	62836	5.181	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	32946	5.274	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	34463	5.376	ug/l	96
89) n-Butylbenzene	12.37	91	59898	5.395	ug/l	97
90) Hexachloroethane	12.58	117	9372	5.047	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	31739	5.449	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4741	5.125	ug/l	94

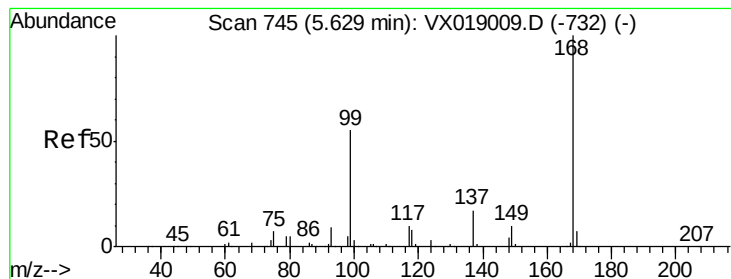
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\NOT REVIEWED DATA\
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MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 03 12:04:28 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21338	5.007	ug/l	96
94) Hexachlorobutadiene	13.77	225	9819	4.970	ug/l	98
95) Naphthalene	13.82	128	66725	4.977	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	20695	4.989	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

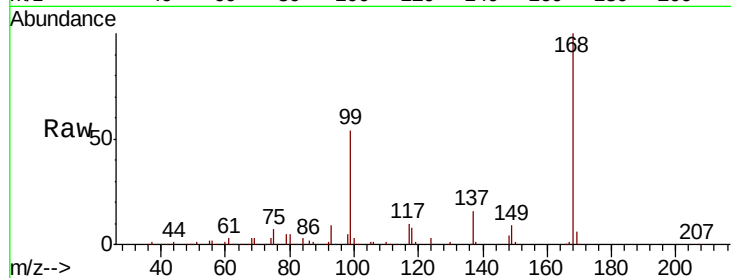
VSTDIC005

Tot Ion:168 Resp: 250190

Ion Ratio Lower Upper

168 100

99 54.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

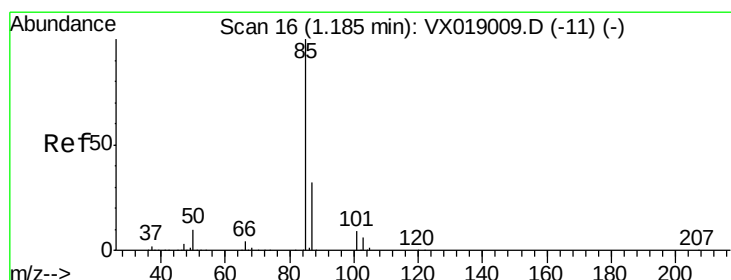
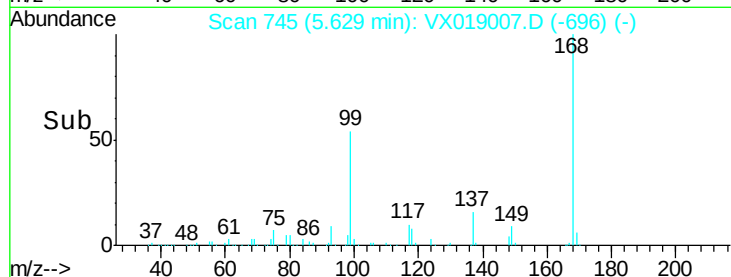
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.698 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019007.D

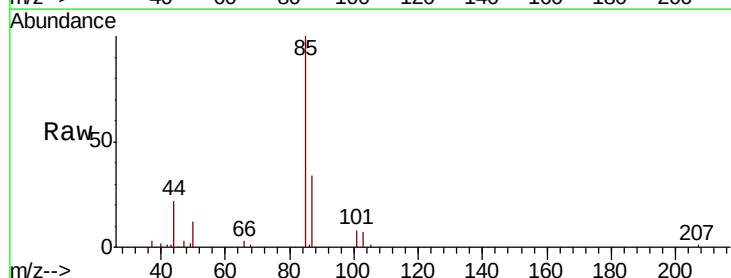
Acq: 21 Oct 2020 18:23

Tgt Ion: 85 Resp: 11707

Ion Ratio Lower Upper

85 100

87 33.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

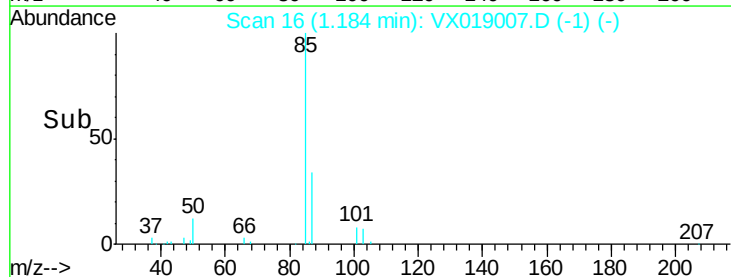
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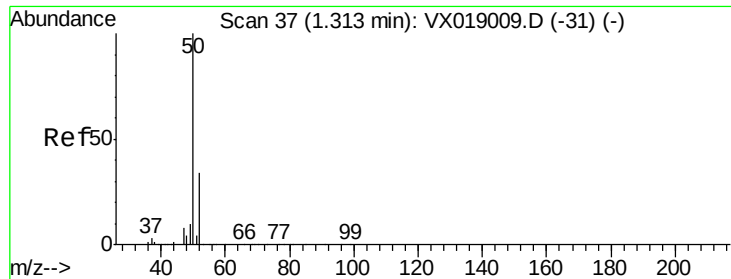
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.063 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

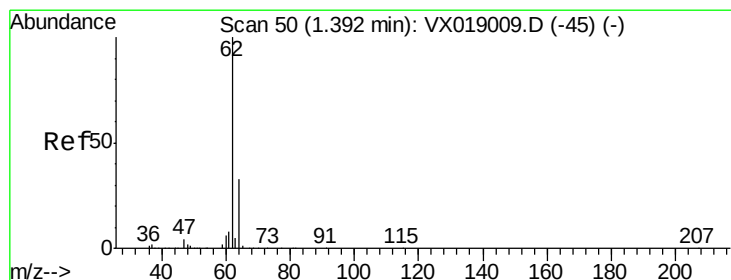
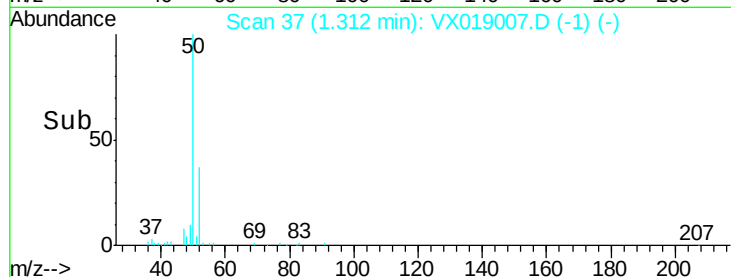
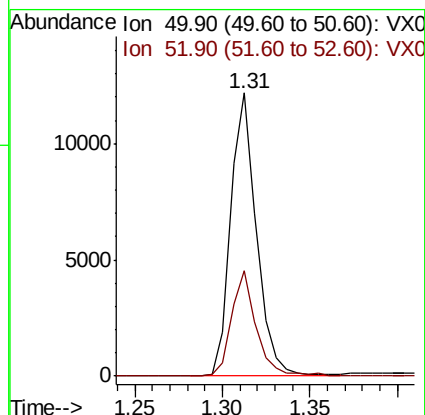
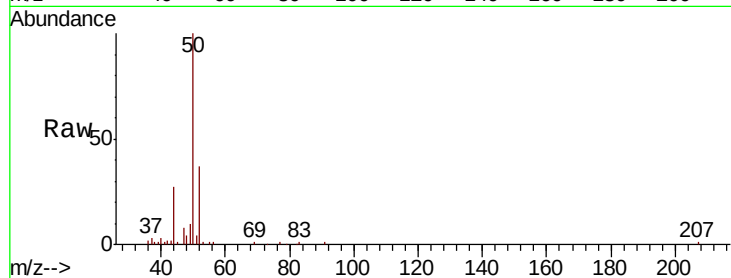
VSTDIC005

Tot Ion: 50 Resp: 12545

Ion Ratio Lower Upper

50 100

52 37.2 27.0 40.6



#4

Vinyl Chloride

Concen: 5.176 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019007.D

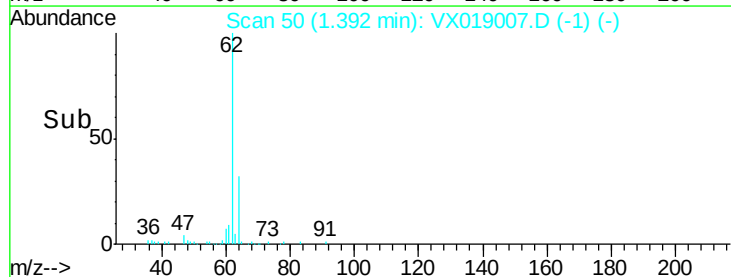
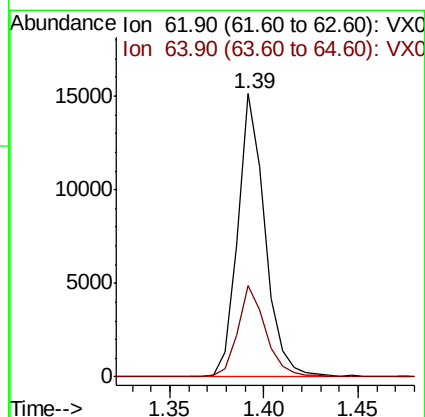
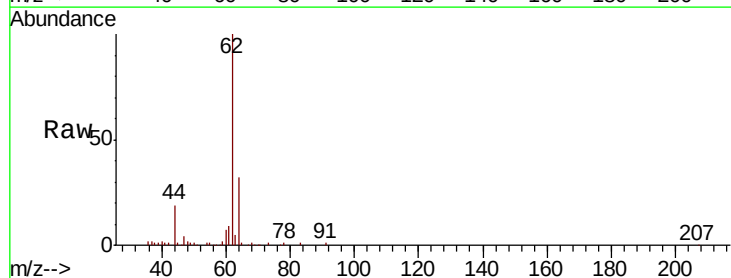
Acq: 21 Oct 2020 18:23

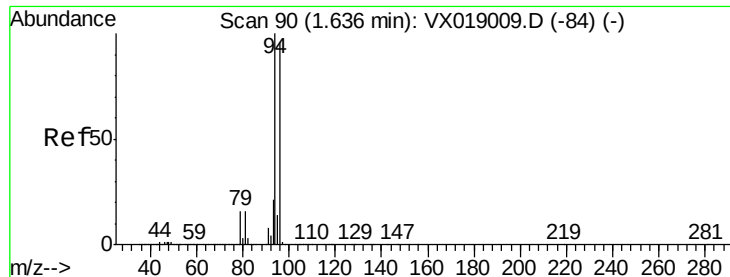
Tgt Ion: 62 Resp: 15134

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 1.986 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

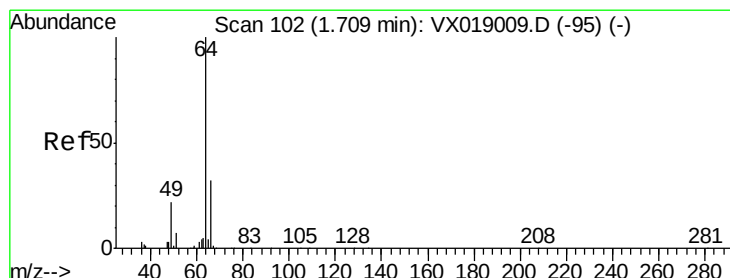
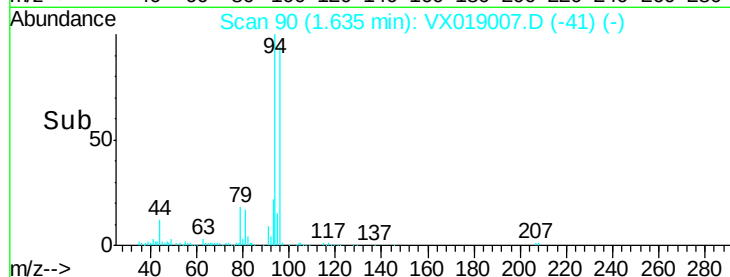
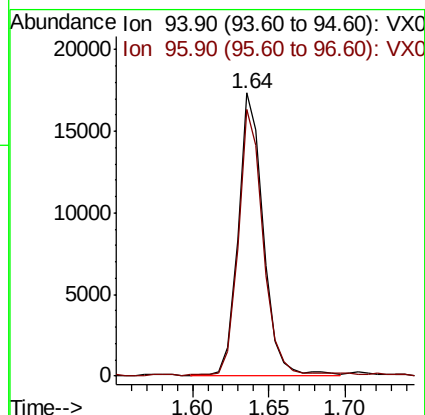
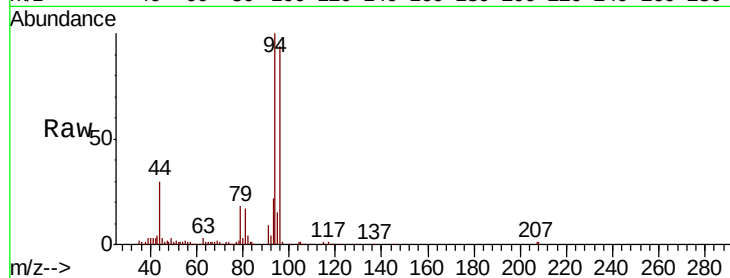
VSTDIC005

Tot Ion: 94 Resp: 19799

Ion Ratio Lower Upper

94 100

96 93.9 77.1 115.7



#6

Chloroethane

Concen: 6.094 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019007.D

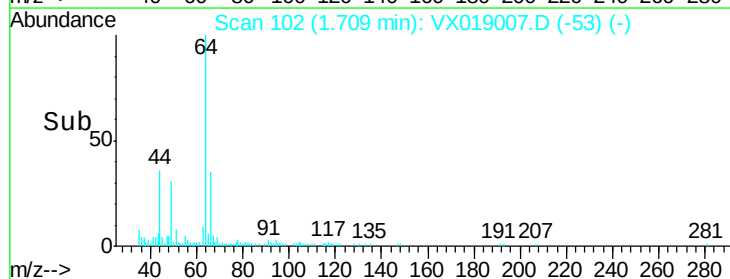
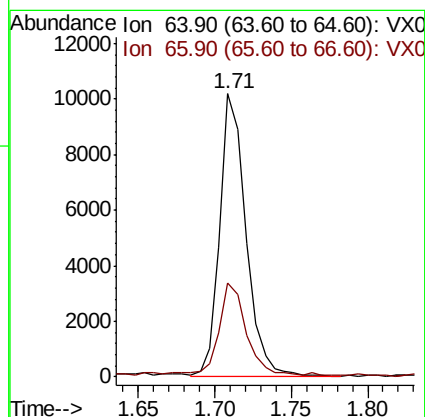
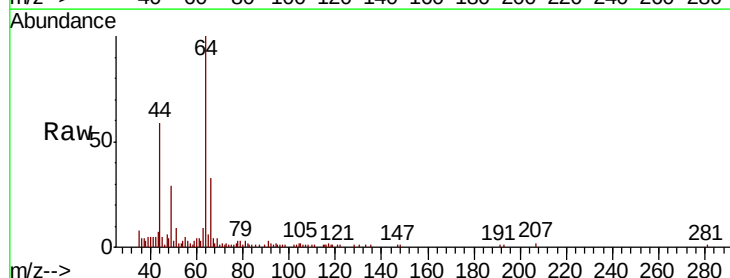
Acq: 21 Oct 2020 18:23

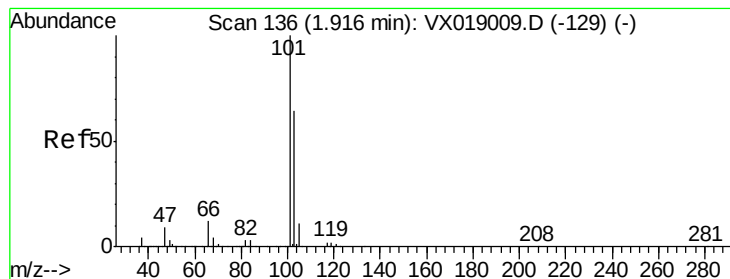
Tgt Ion: 64 Resp: 12177

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5



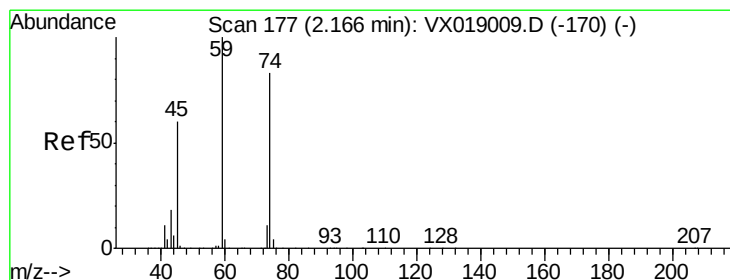
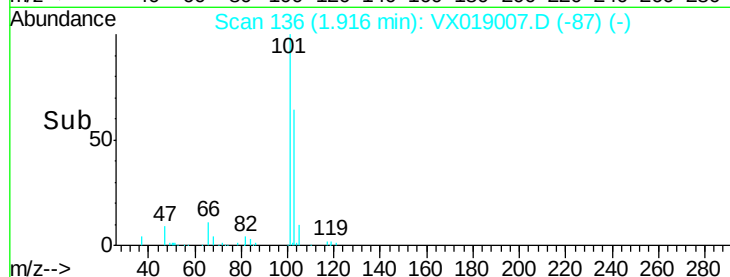
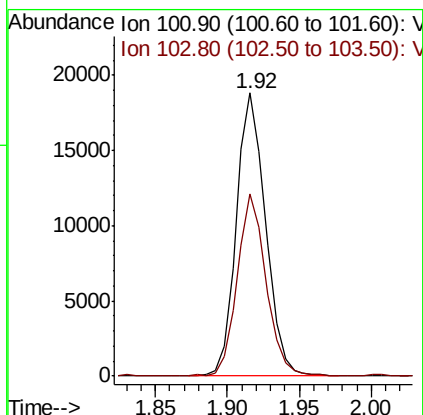
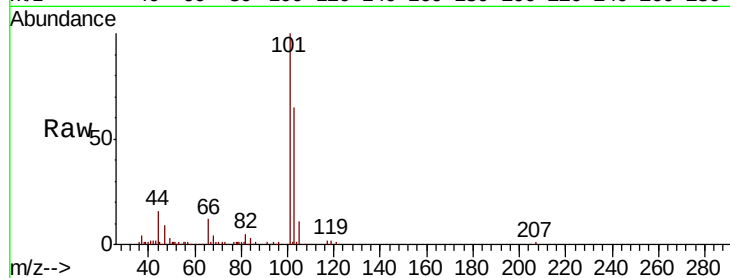


#7

Trichlorofluoromethane
Concen: 5.397 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019007.D
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Instrument :
MSVOA_X
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VSTDIC005

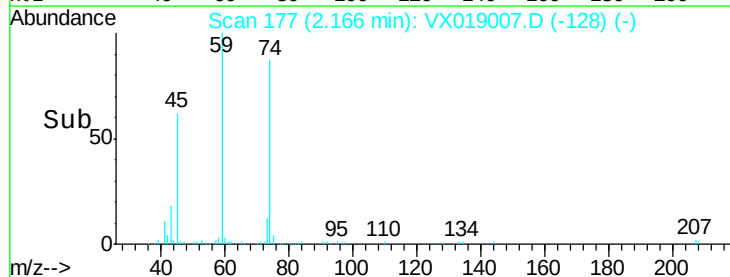
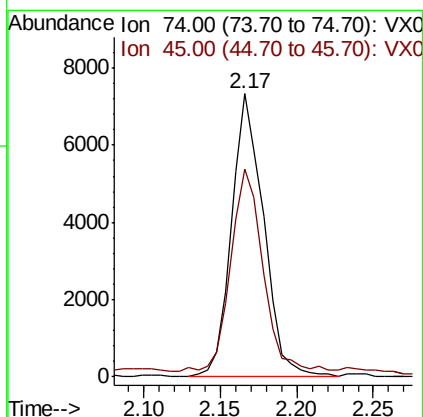
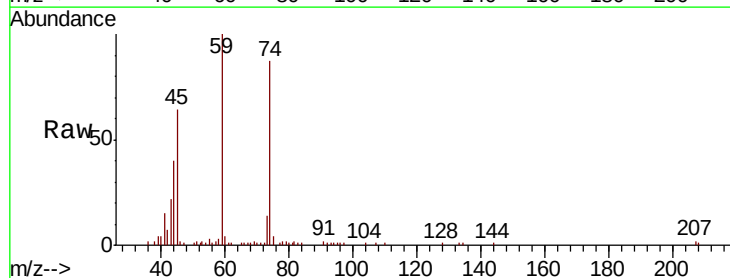
Tot Ion:101 Resp: 26664
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

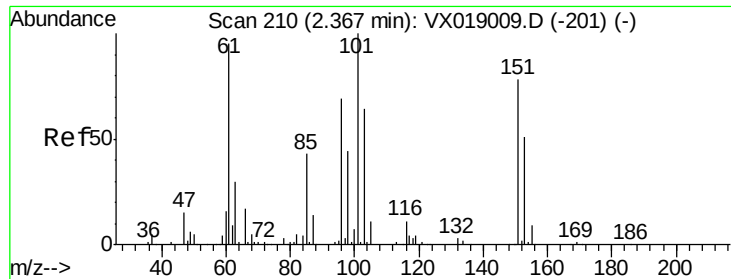


#8

Diethyl Ether
Concen: 5.519 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 74 Resp: 10677
Ion Ratio Lower Upper
74 100
45 73.2 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.404 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

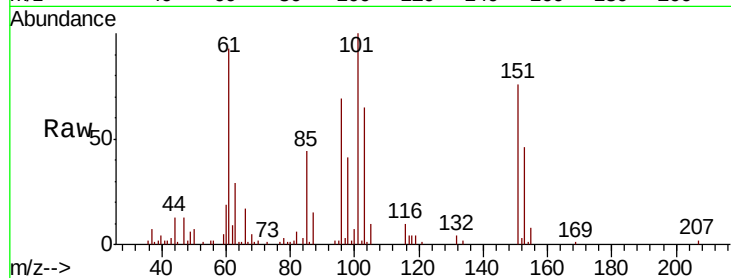
Tot Ion:101 Resp: 12649

Ion Ratio Lower Upper

101 100

85 42.9 35.2 52.8

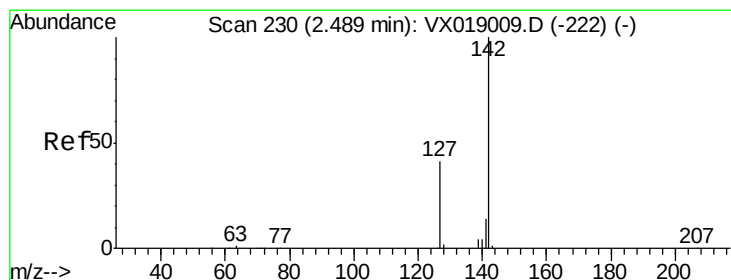
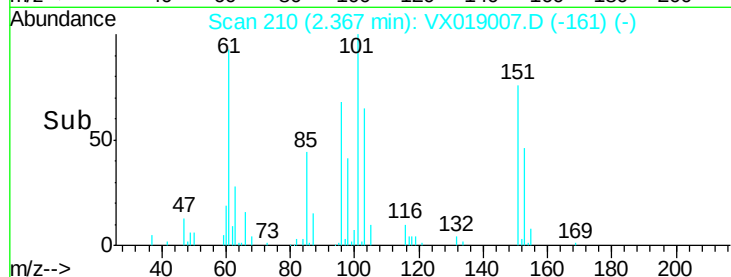
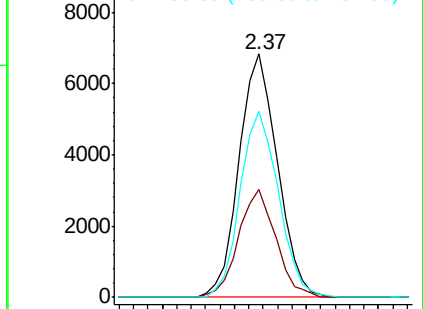
151 76.3 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.612 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

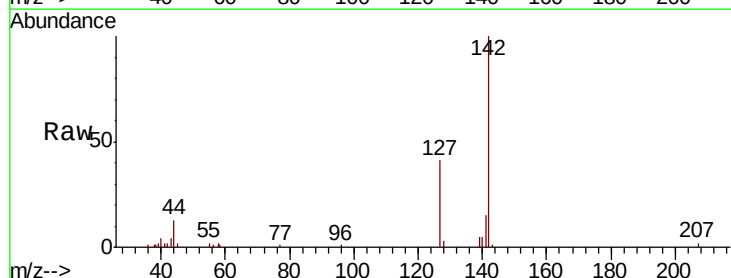
Tgt Ion:142 Resp: 10371

Ion Ratio Lower Upper

142 100

127 43.7 33.6 50.4

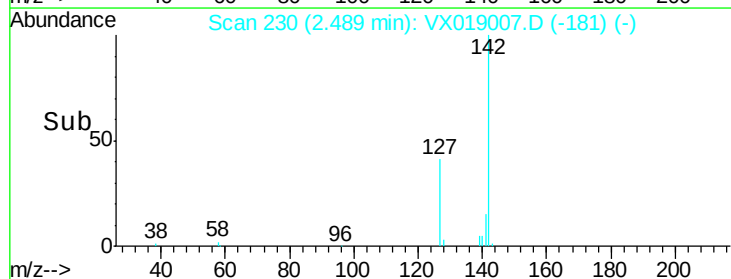
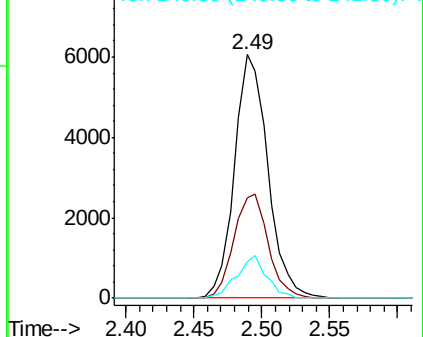
141 15.7 11.2 16.8

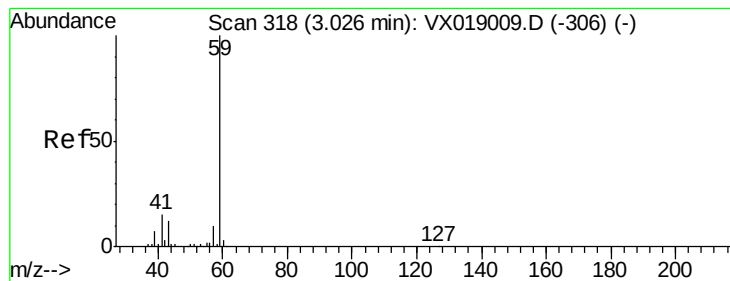


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.525 ug/l

RT: 3.04 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

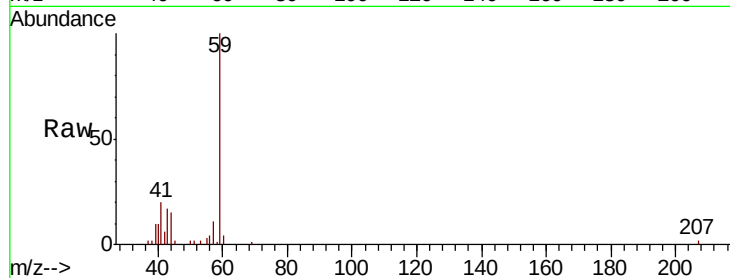
VSTDIC005

Tot Ion: 59 Resp: 16100

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

4000

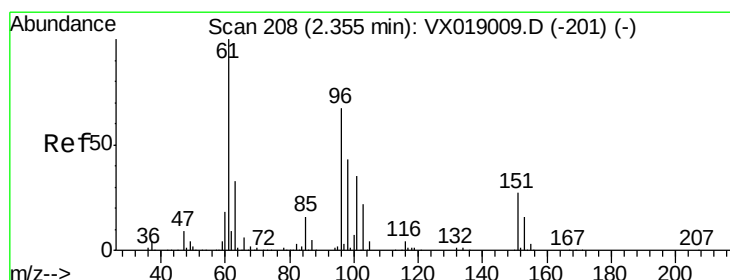
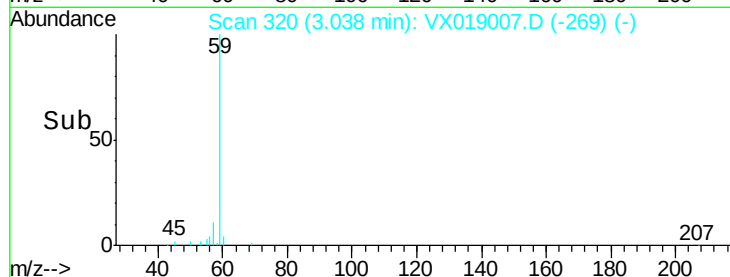
3000

2000

1000

0

Time-->



#12

1,1-Dichloroethene

Concen: 5.374 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

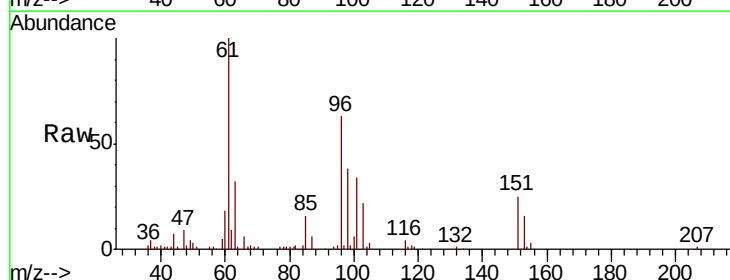
Tgt Ion: 96 Resp: 13087

Ion Ratio Lower Upper

96 100

61 159.5 119.0 178.6

98 60.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

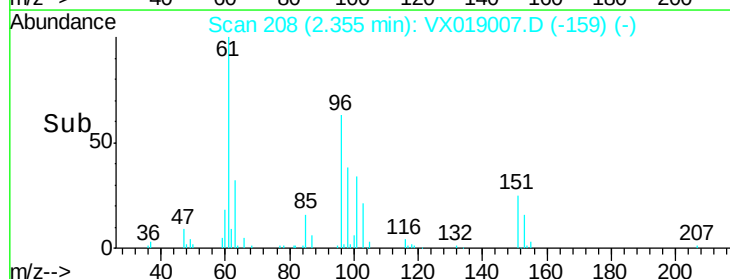
15000

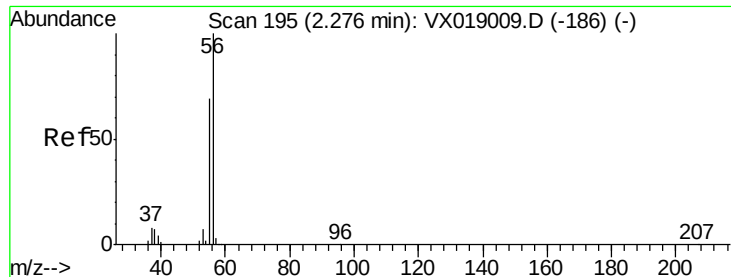
10000

5000

0

Time-->





#13

Acrolein

Concen: 46.838 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

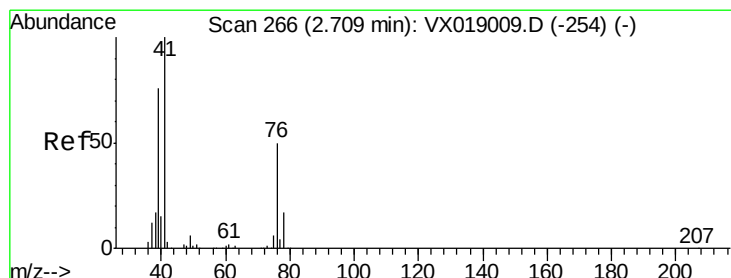
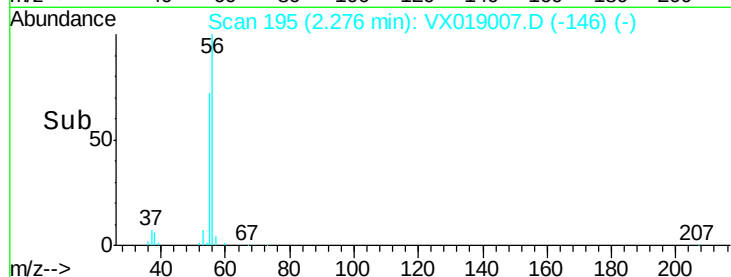
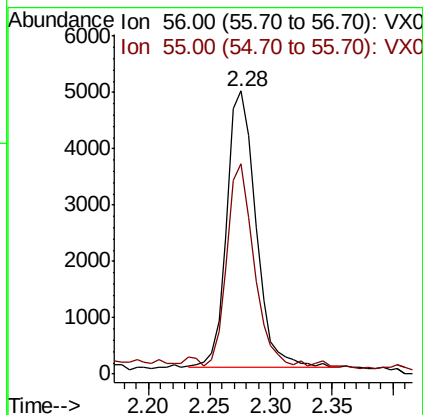
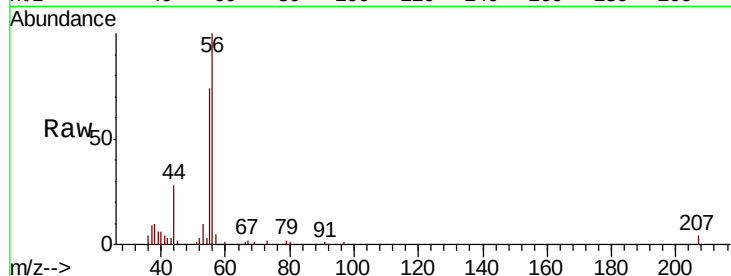
VSTDIC005

Tot Ion: 56 Resp: 8040

Ion Ratio Lower Upper

56 100

55 67.4 54.2 81.4



#14

Allyl chloride

Concen: 5.268 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

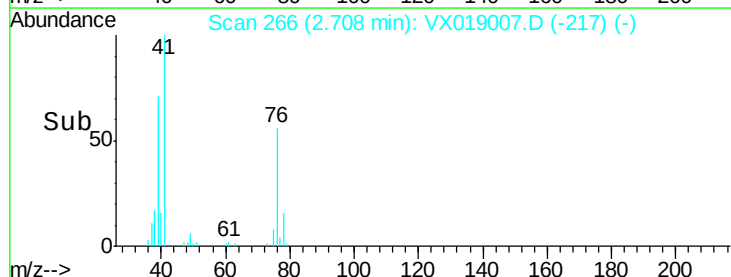
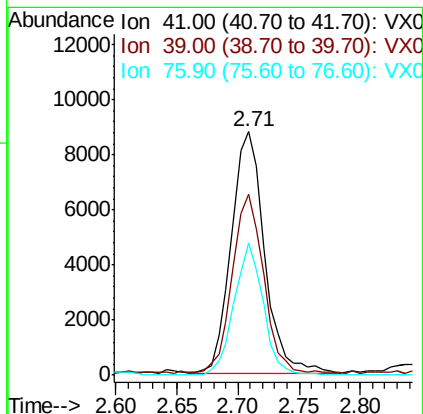
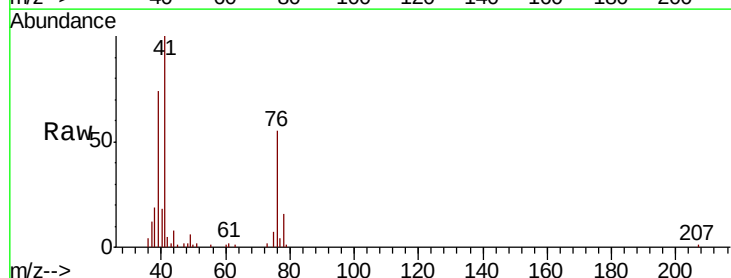
Tgt Ion: 41 Resp: 16595

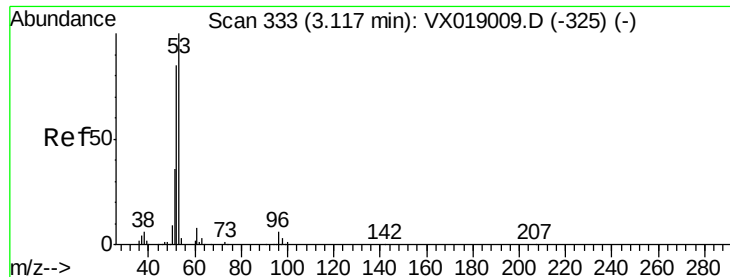
Ion Ratio Lower Upper

41 100

39 69.5 57.4 86.0

76 47.4 37.7 56.5

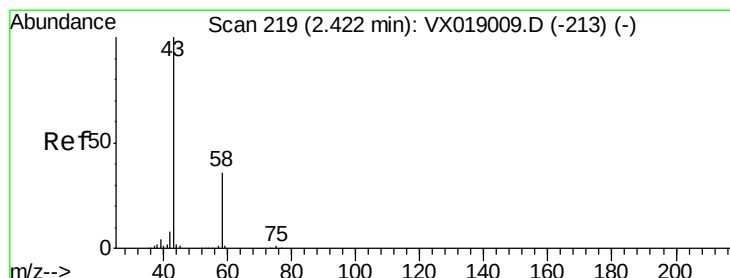
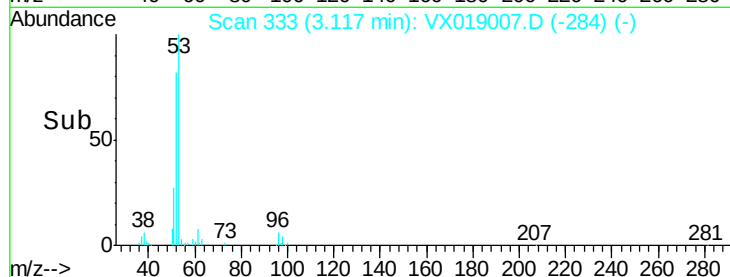
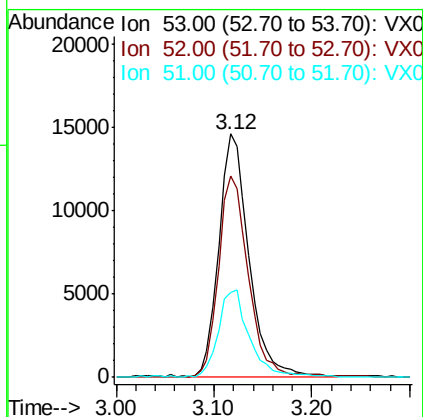
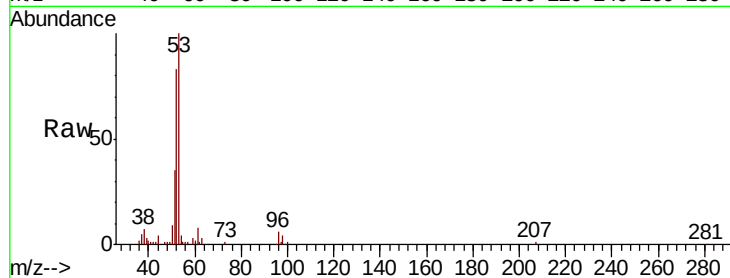




#15
 Acrylonitrile
 Concen: 26.340 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

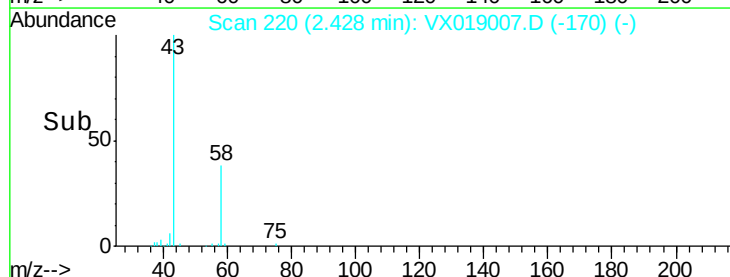
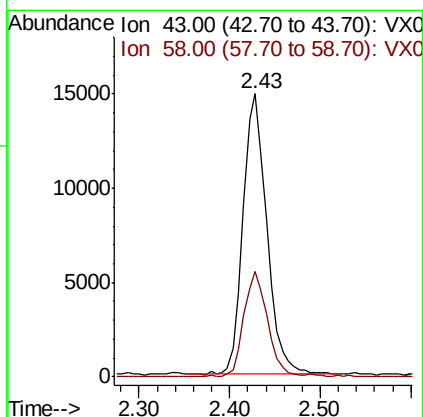
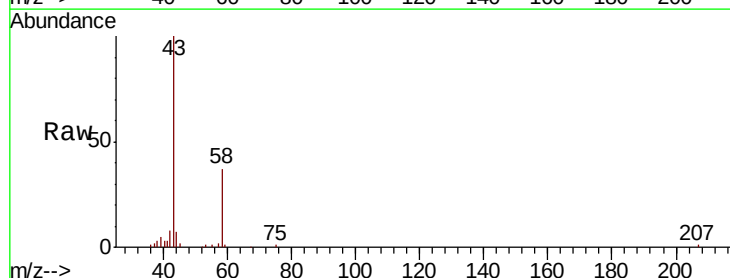
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

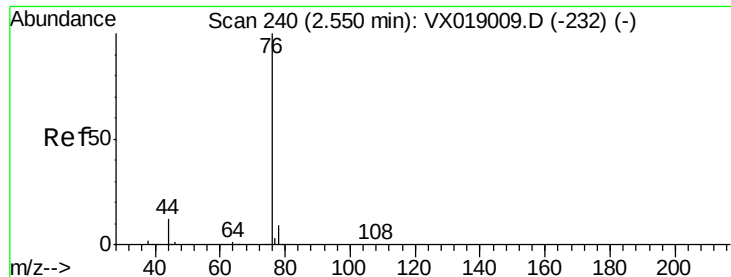
Tot Ion	53	Resp	30916
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.9	98.9
51	38.0	28.3	42.5



#16
 Acetone
 Concen: 26.665 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	43	Resp	27219
Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.6	42.8





#17

Carbon Disulfide

Concen: 5.136 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

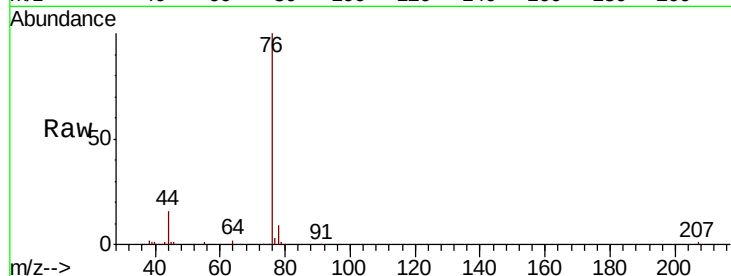
VSTDIC005

Tot Ion: 76 Resp: 36069

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

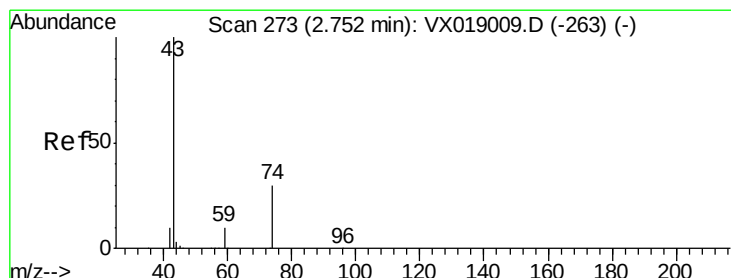
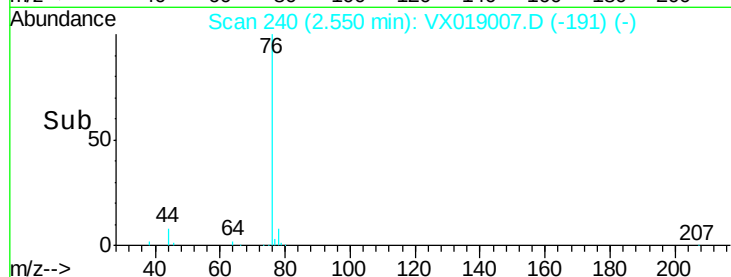
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 5.116 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019007.D

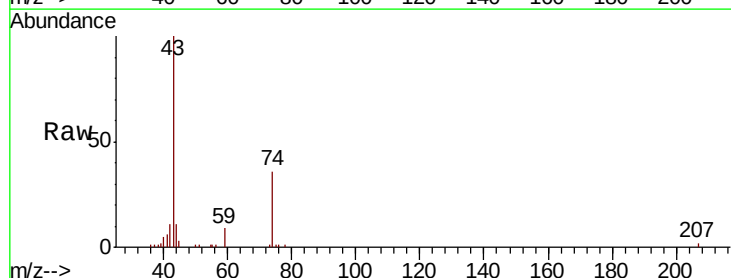
Acq: 21 Oct 2020 18:23

Tgt Ion: 43 Resp: 12959

Ion Ratio Lower Upper

43 100

74 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

8000

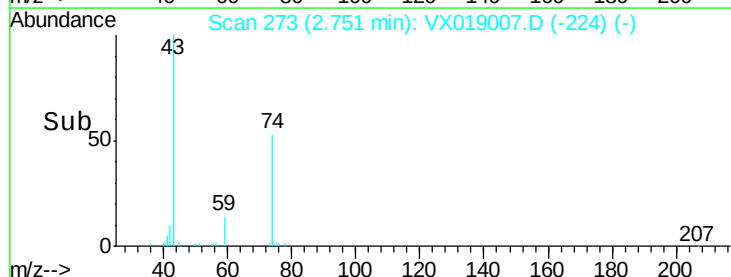
6000

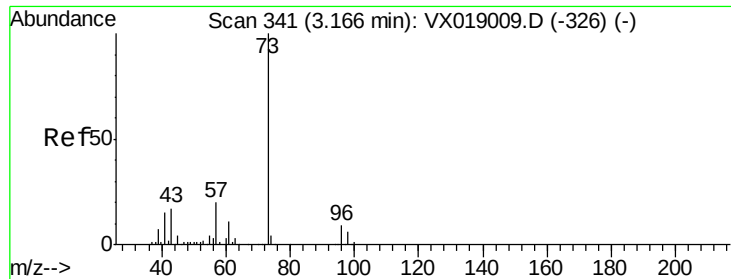
4000

2000

0

Time--> 2.70 2.75 2.80 2.85

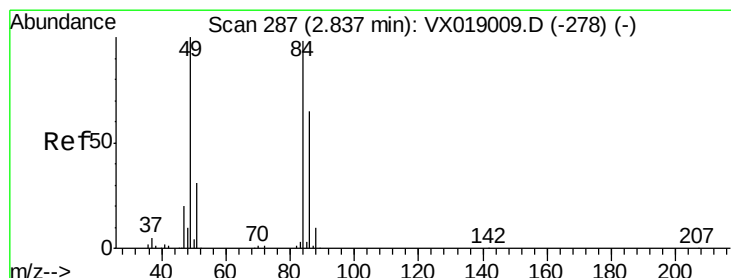
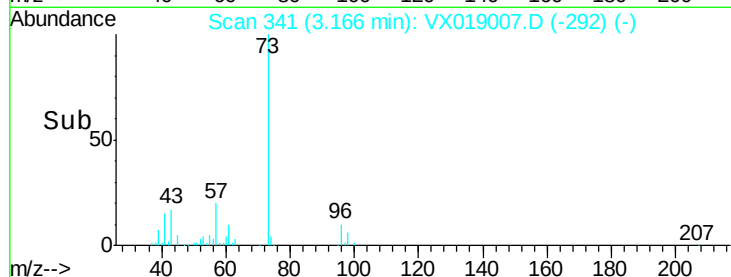
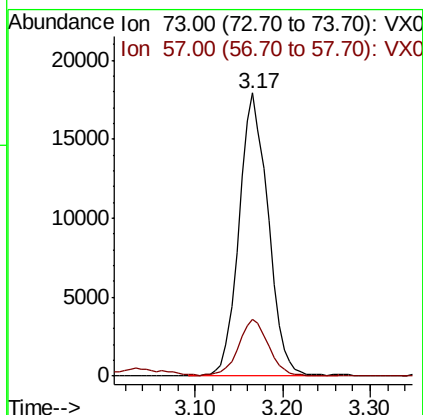
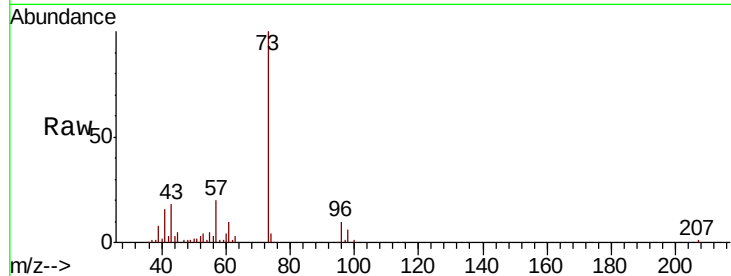




#19
Methvl tert-butyl Ether
Concen: 5.396 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

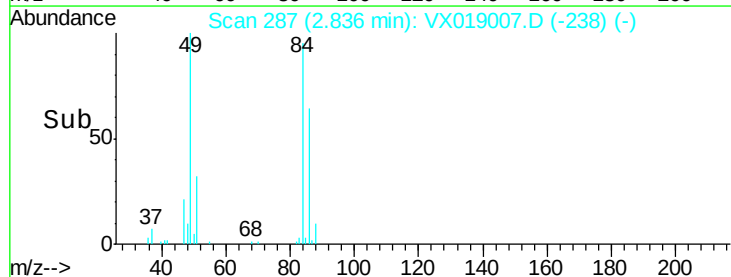
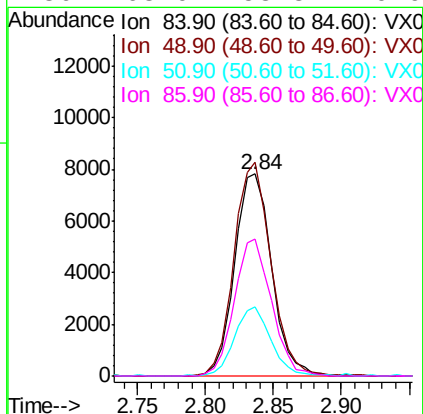
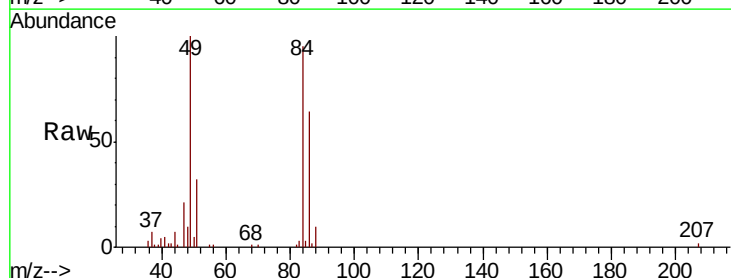
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

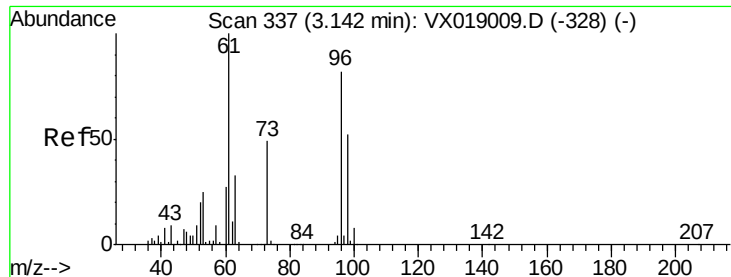
Tot Ion: 73 Resp: 41625
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.2



#20
Methylene Chloride
Concen: 5.234 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 84 Resp: 14875
Ion Ratio Lower Upper
84 100
49 105.7 81.6 122.4
51 34.1 25.6 38.4
86 68.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 5.224 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

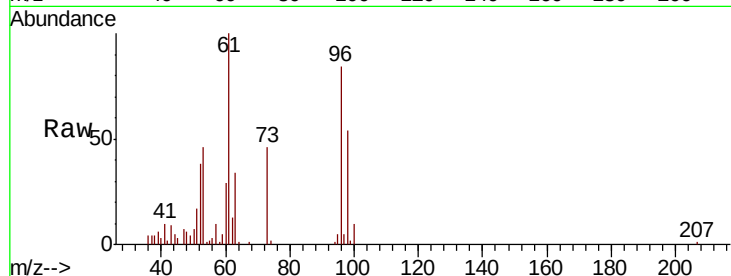
Tot Ion: 96 Resp: 14844

Ion Ratio Lower Upper

96 100

61 119.6 97.8 146.6

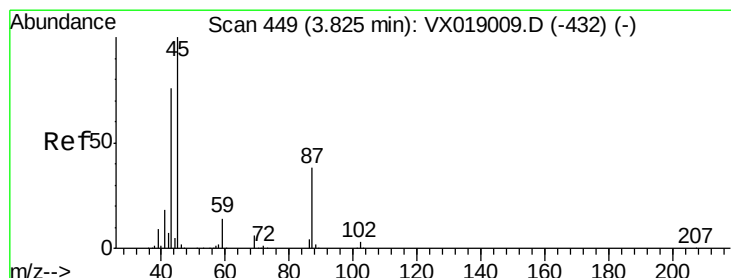
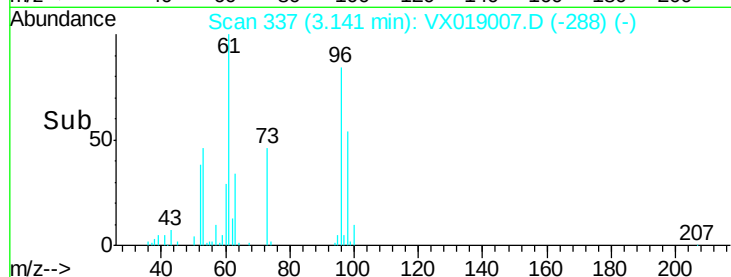
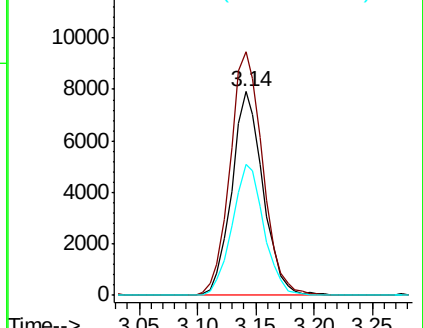
98 64.3 50.7 76.1



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: 5.359 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion: 45 Resp: 33293

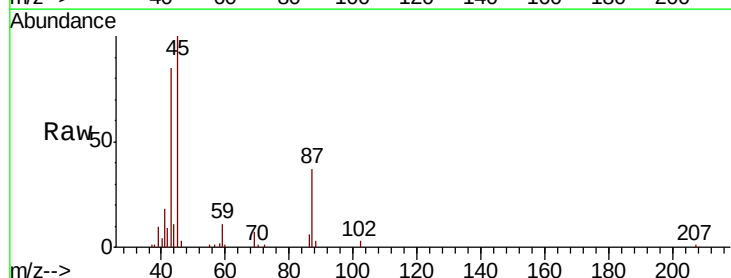
Ion Ratio Lower Upper

45 100

43 84.5 60.4 90.6

87 36.8 30.4 45.6

59 11.5 11.2 16.8

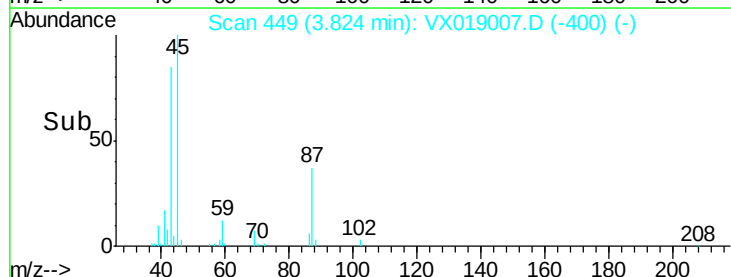
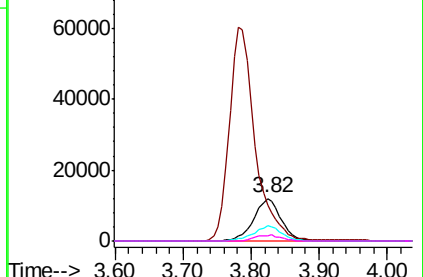


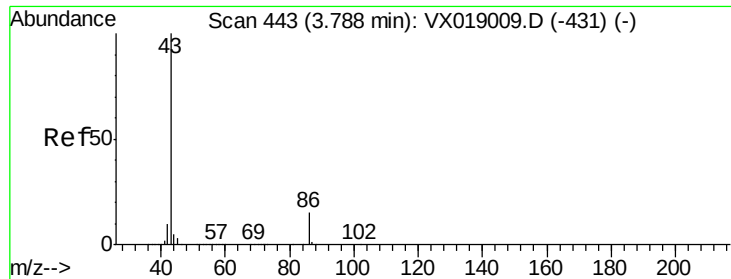
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 26.612 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

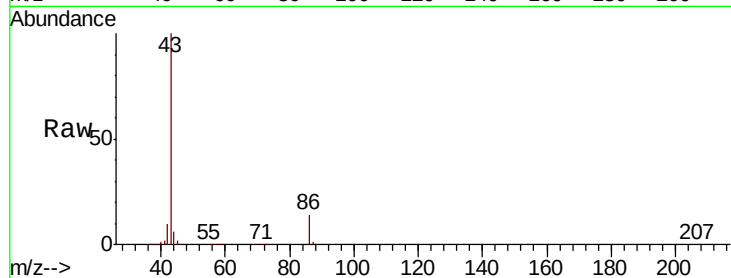
VSTDIC005

Tot Ion: 43 Resp: 156974

Ion Ratio Lower Upper

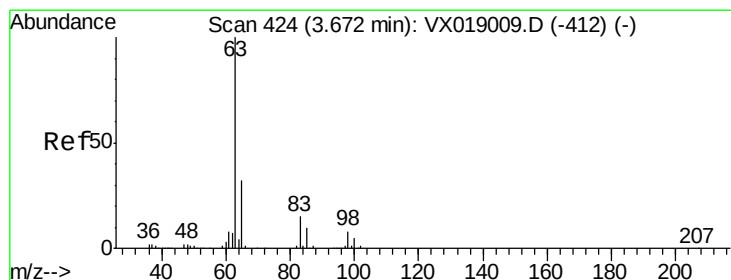
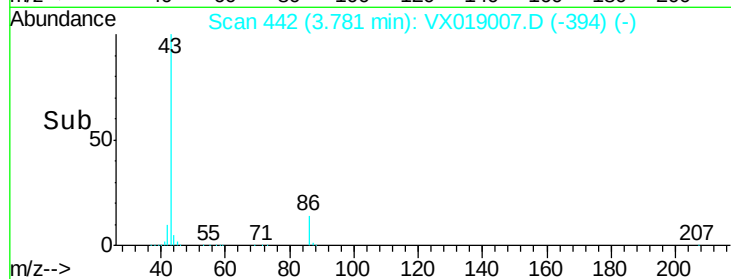
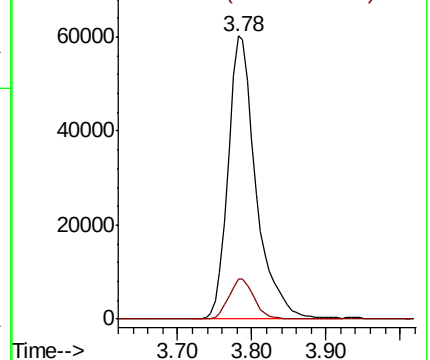
43 100

86 14.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.466 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

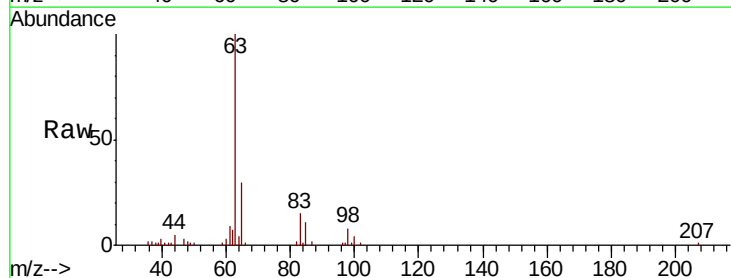
Tgt Ion: 63 Resp: 24728

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

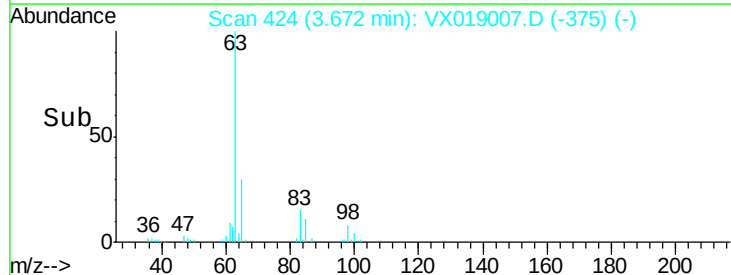
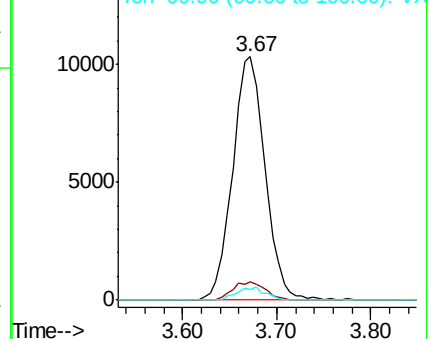
100 4.1 2.5 7.4

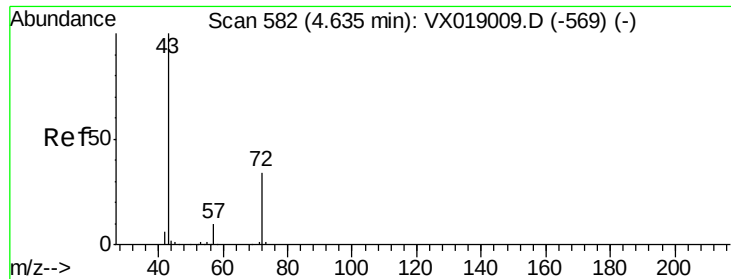


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.809 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

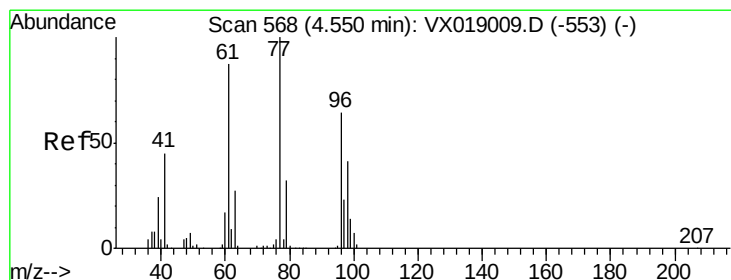
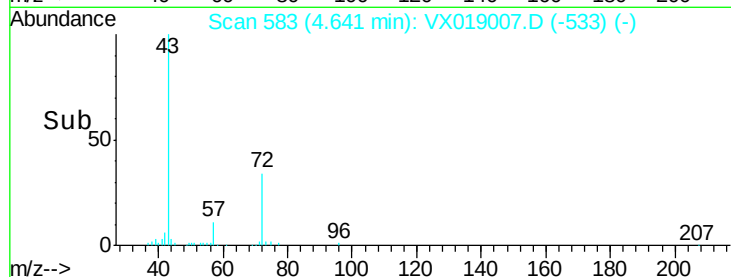
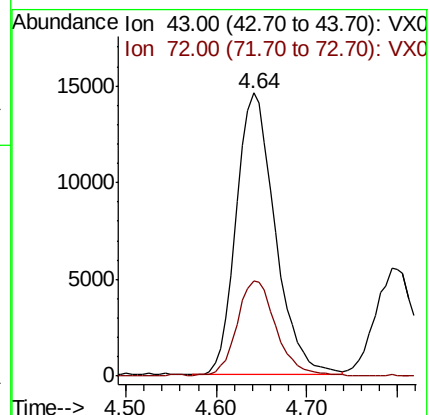
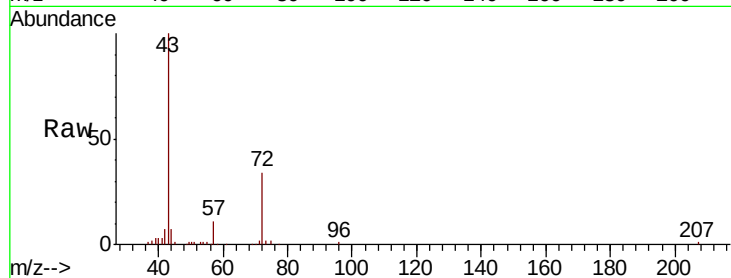
VSTDIC005

Tot Ion: 43 Resp: 43241

Ion Ratio Lower Upper

43 100

72 33.7 27.8 41.6



#26

2,2-Dichloropropane

Concen: 5.521 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019007.D

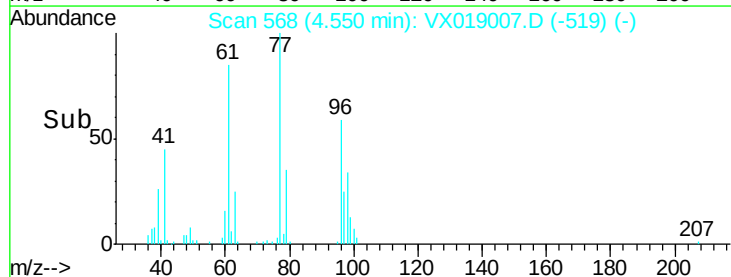
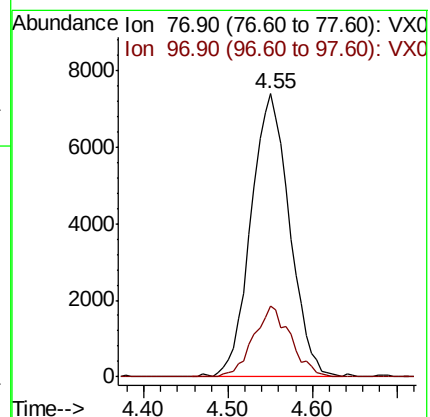
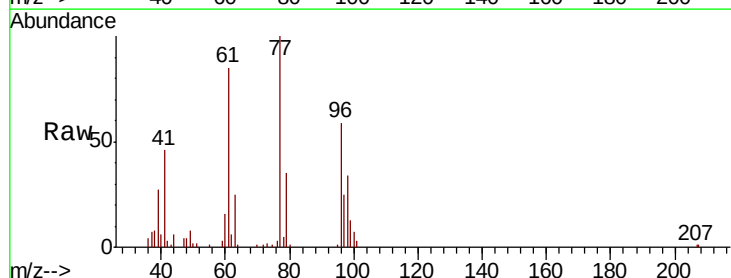
Acq: 21 Oct 2020 18:23

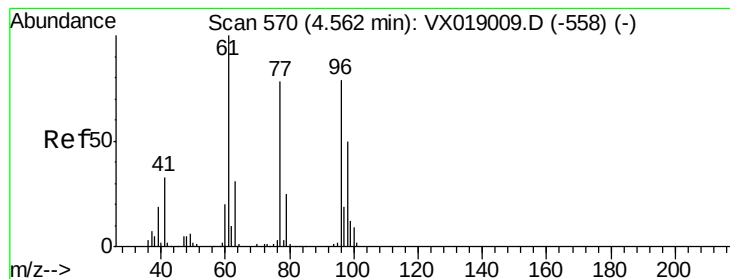
Tgt Ion: 77 Resp: 23060

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7



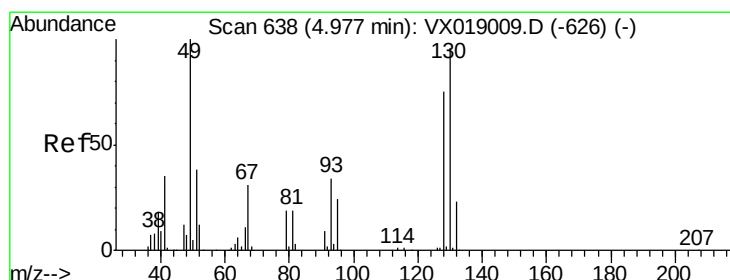
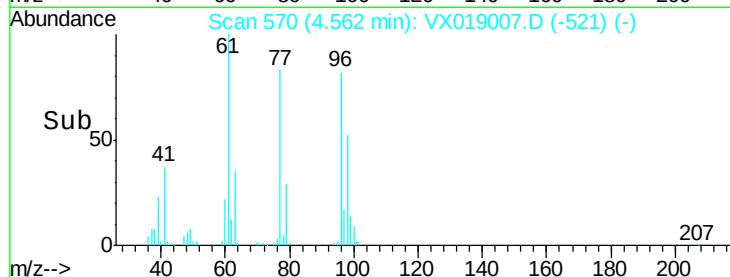
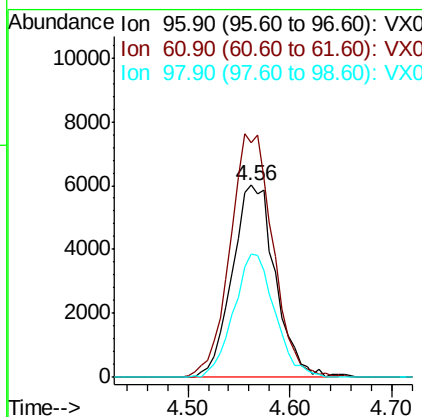
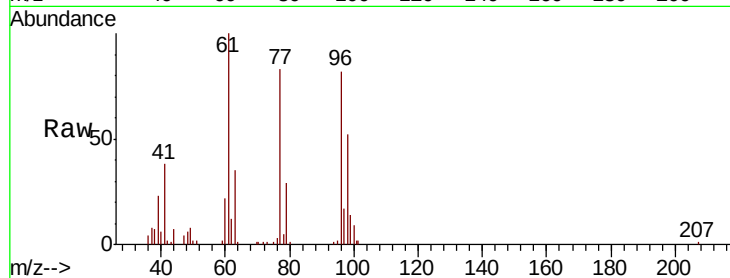


#27

cis-1,2-Dichloroethene
Concen: 5.473 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

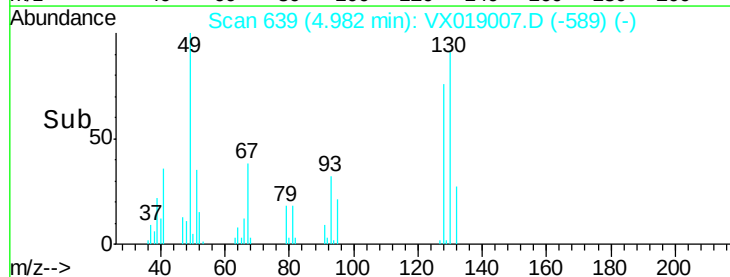
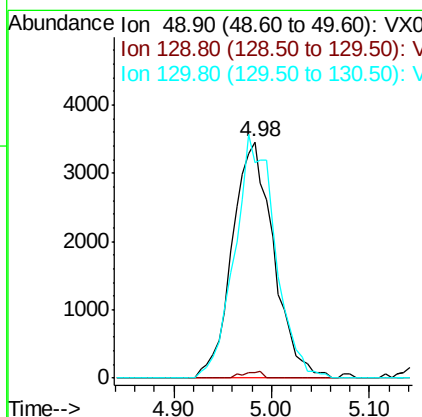
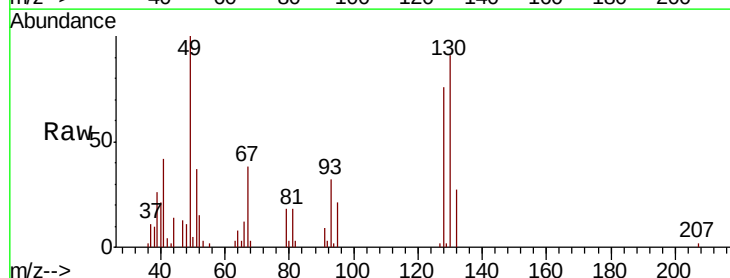
Tot Ion: 96 Resp: 17651
Ion Ratio Lower Upper
96 100
61 126.2 0.0 260.0
98 61.3 0.0 131.4

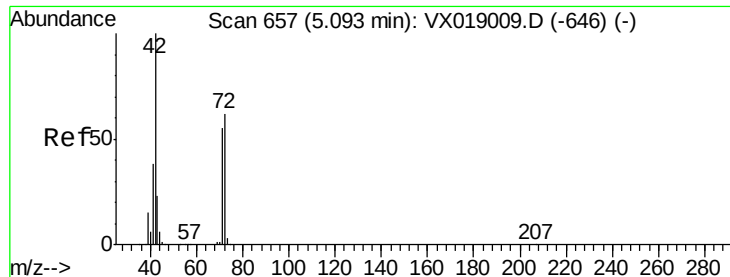


#28

Bromochloromethane
Concen: 5.280 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 49 Resp: 10143
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.2
130 100.0 79.0 118.6





#29

Tetrahydrofuran

Concen: 26.404 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

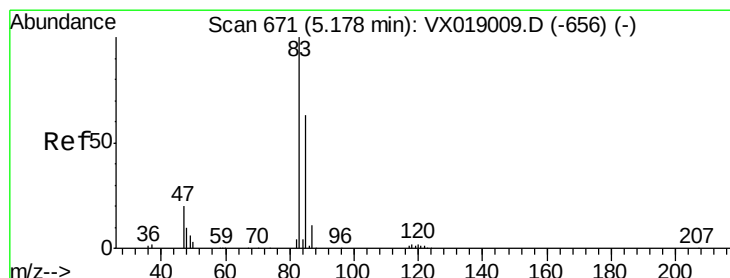
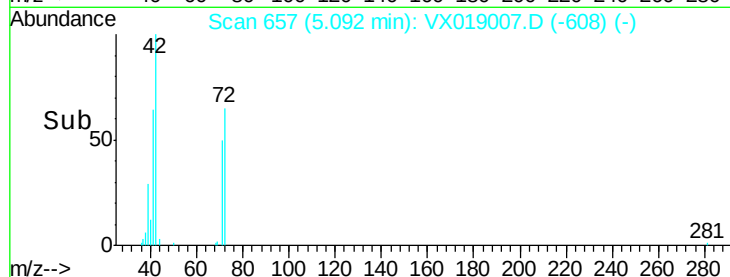
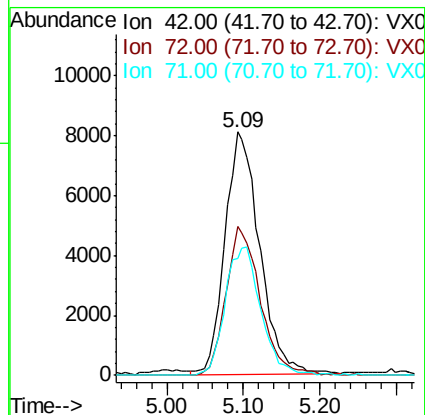
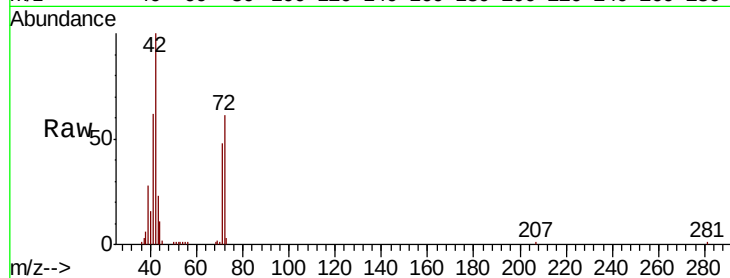
Tot Ion: 42 Resp: 25454

Ion Ratio Lower Upper

42 100

72 60.5 49.1 73.7

71 54.1 44.2 66.4



#30

Chloroform

Concen: 5.253 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019007.D

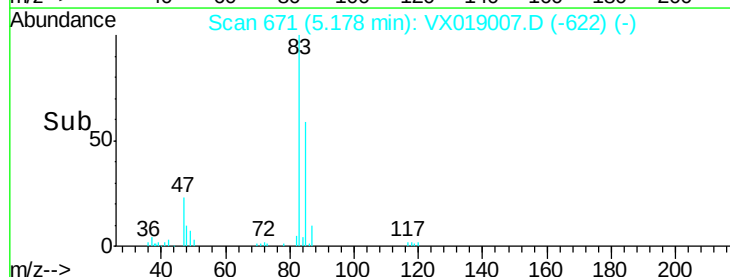
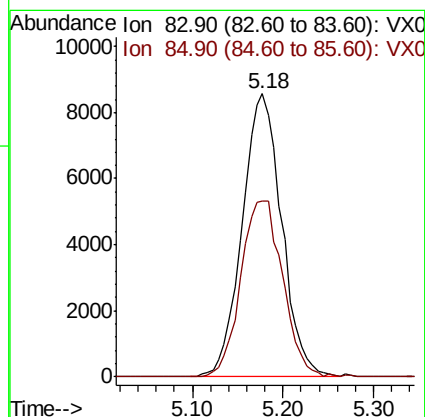
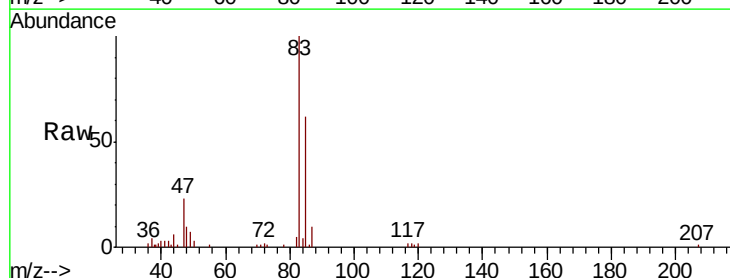
Acq: 21 Oct 2020 18:23

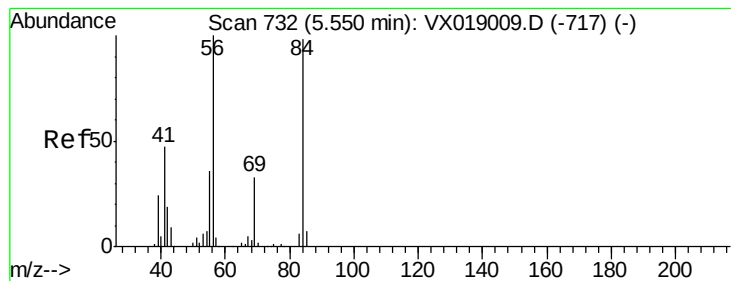
Tgt Ion: 83 Resp: 25802

Ion Ratio Lower Upper

83 100

85 62.1 50.5 75.7





#31

Cyclohexane

Concen: 5.340 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

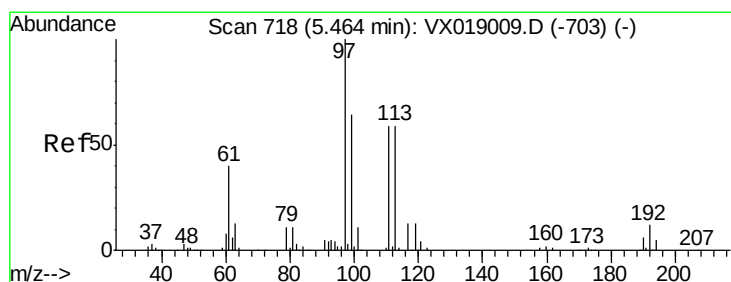
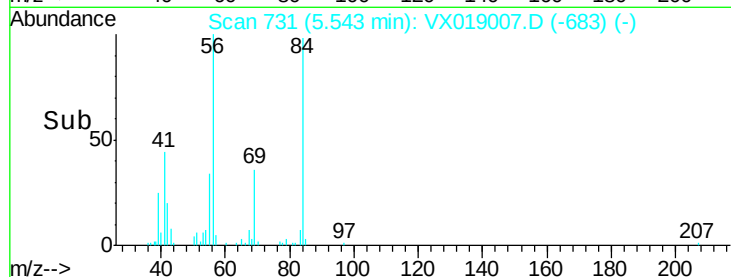
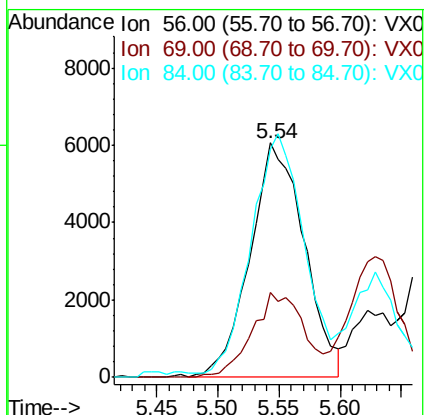
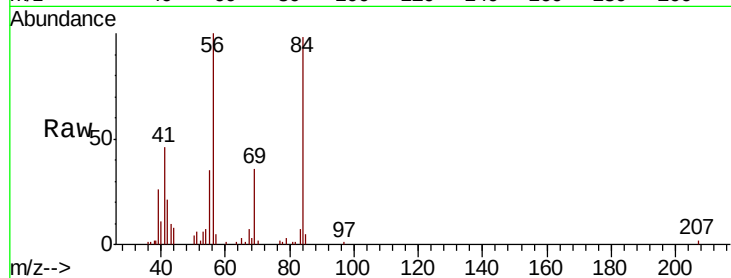
Tot Ion: 56 Resp: 18740

Ion Ratio Lower Upper

56 100

69 36.3 26.2 39.2

84 95.9 78.3 117.5



#32

1,1,1-Trichloroethane

Concen: 5.284 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

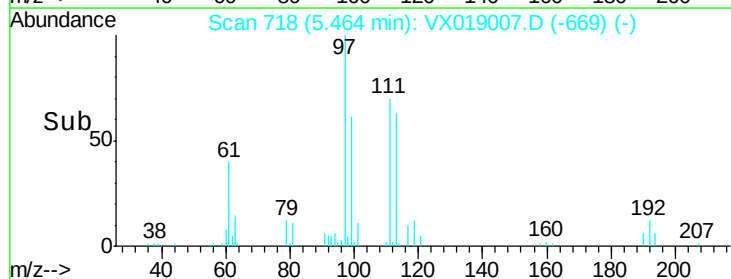
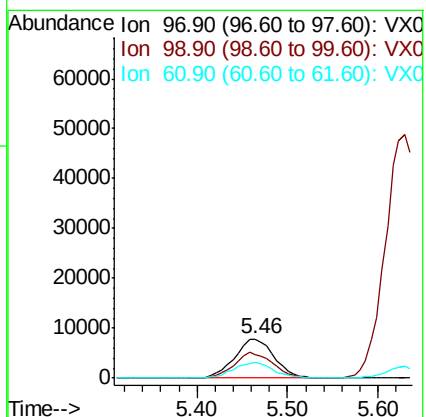
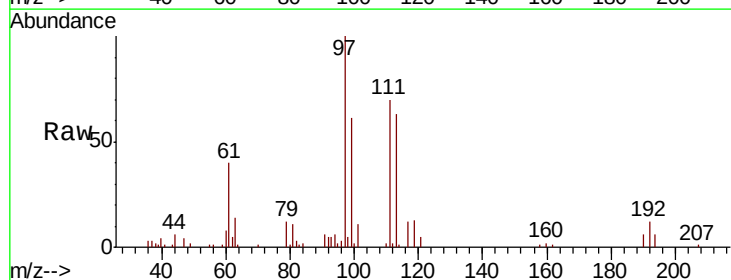
Tgt Ion: 97 Resp: 23539

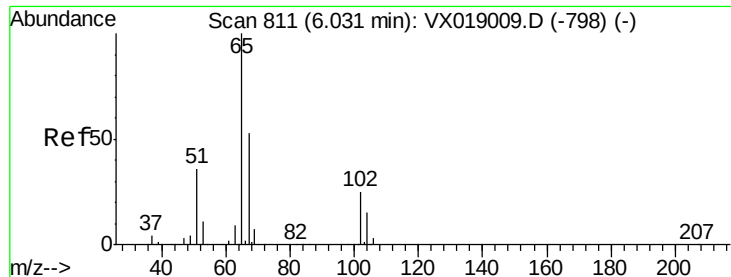
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 40.9 31.9 47.9

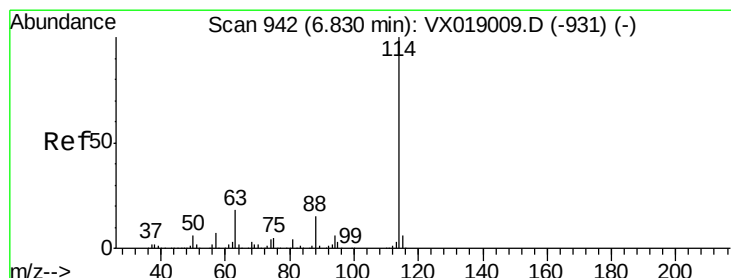
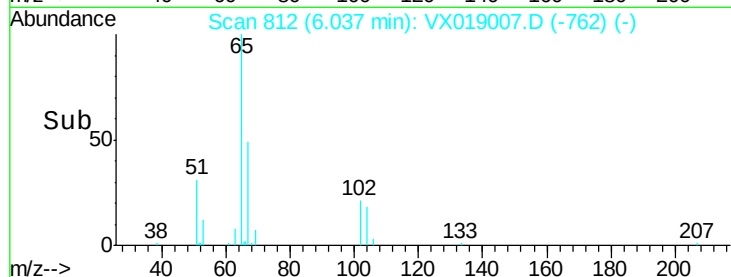
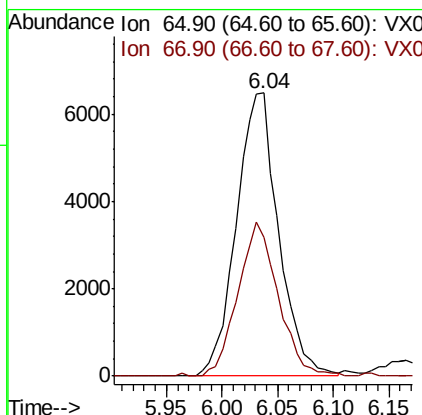
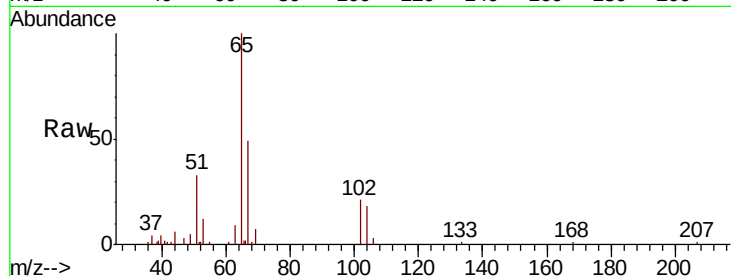




#33
 1,2-Dichloroethane-d4
 Concen: 5.687 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

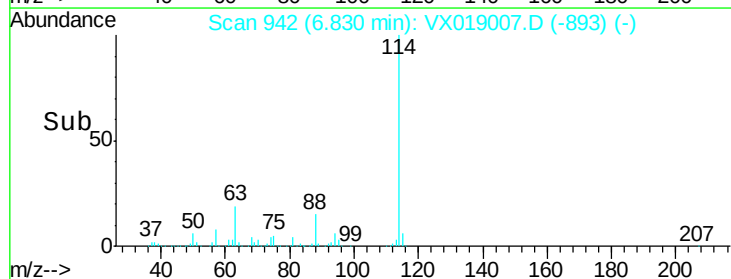
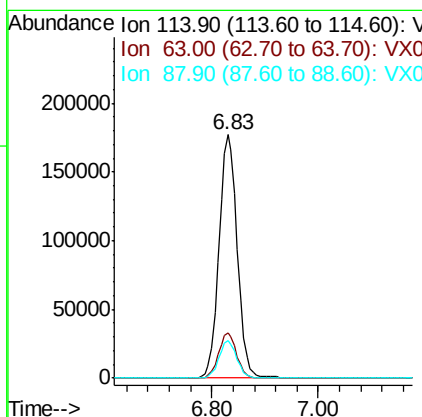
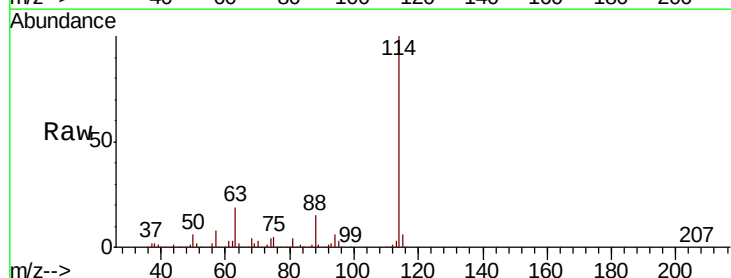
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

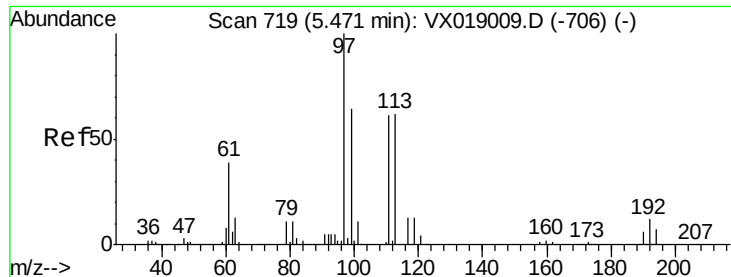
Tot Ion: 65 Resp: 17044
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion: 114 Resp: 422814
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.3 0.0 30.2

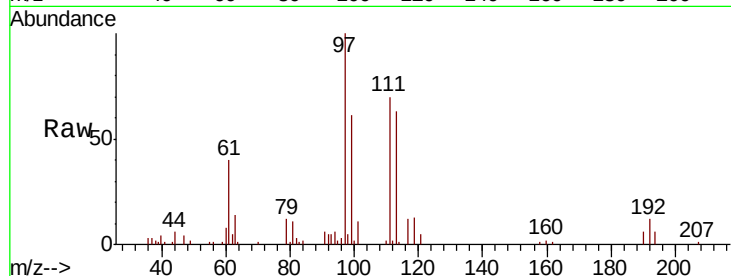




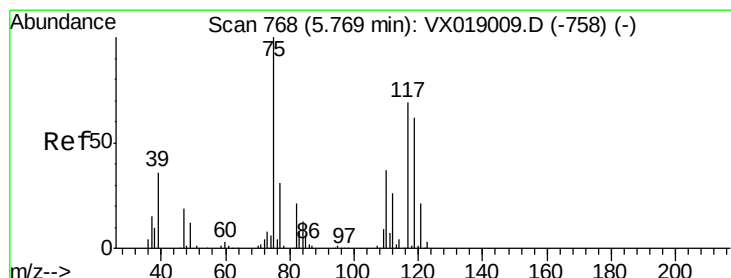
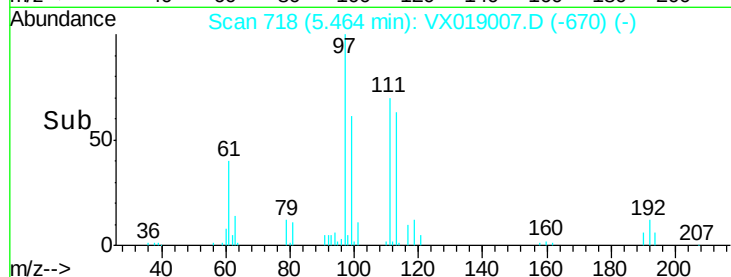
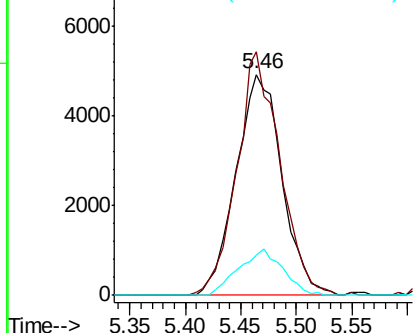
#35
Dibromofluoromethane
Concen: 5.281 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:113 Resp: 14137
Ion Ratio Lower Upper
113 100
111 103.5 81.5 122.3
192 20.2 16.3 24.5

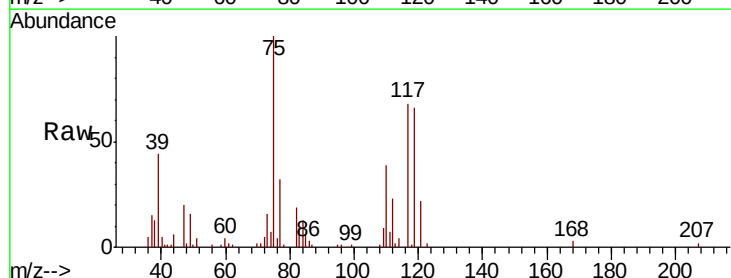


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

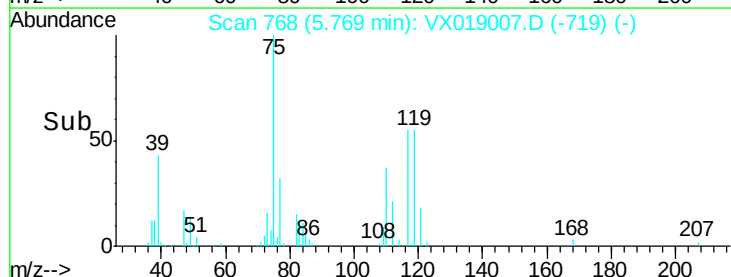
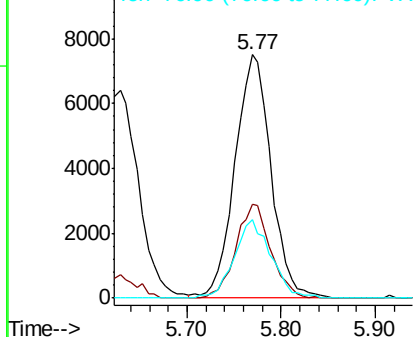


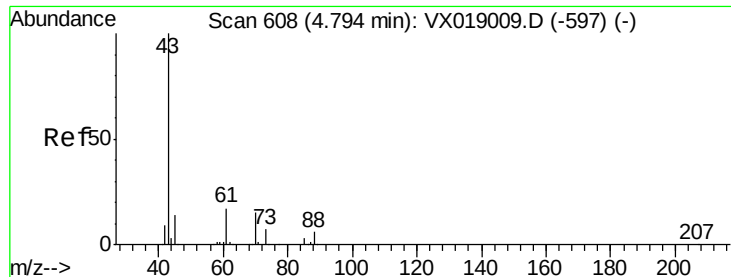
#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 75 Resp: 20063
Ion Ratio Lower Upper
75 100
110 37.2 19.4 58.2
77 32.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

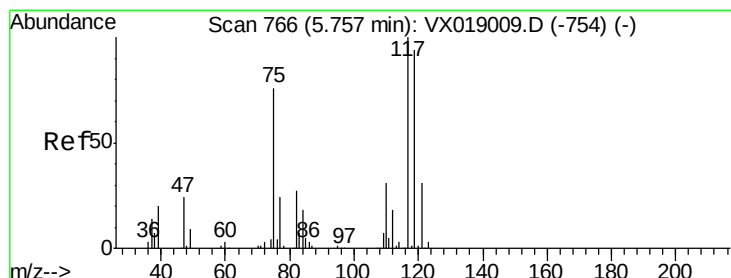
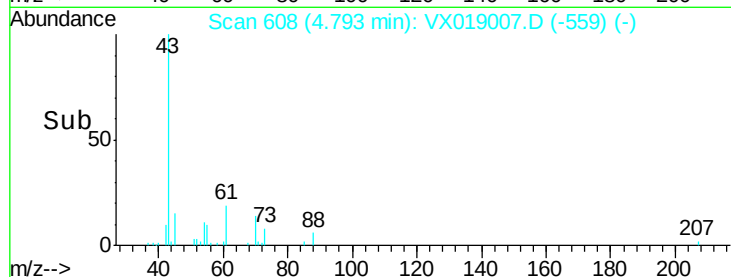
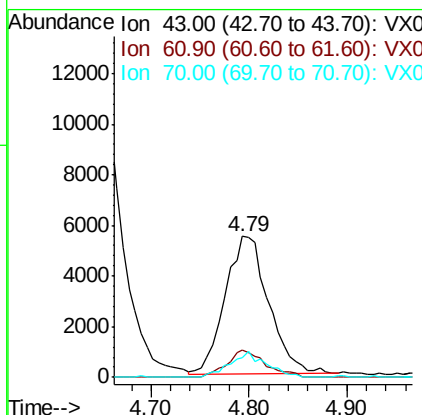
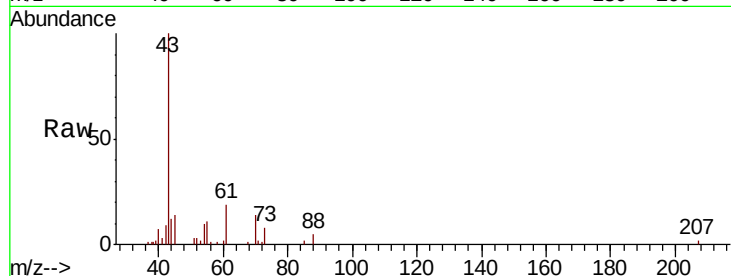




#37
Ethyl Acetate
Concen: 5.215 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

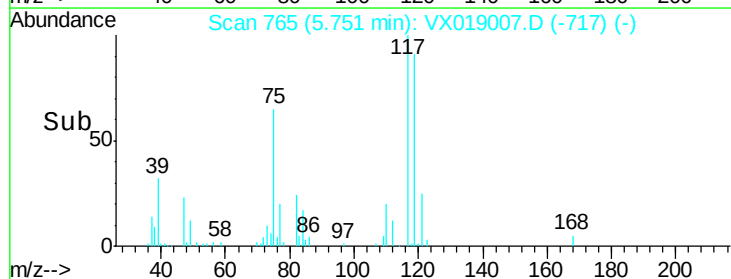
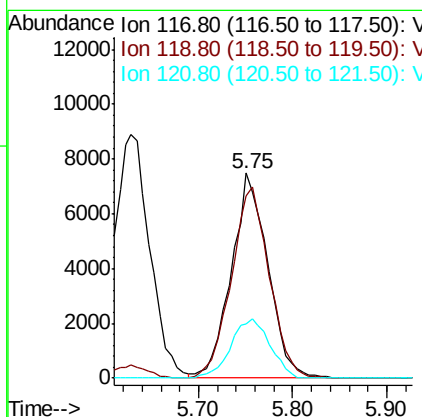
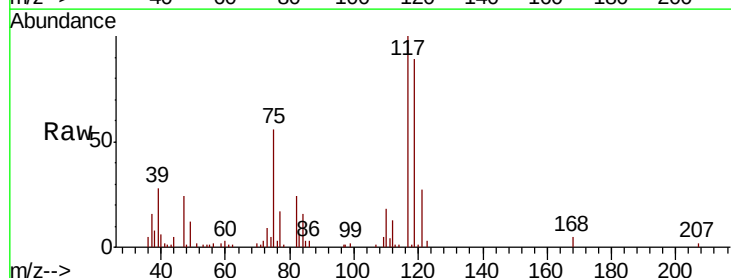
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

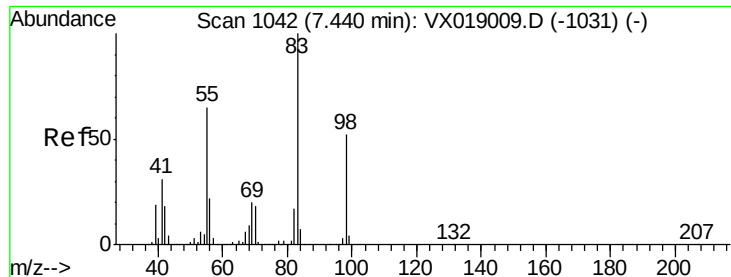
Tot Ion	43	Resp	16887
Ion Ratio	Lower	Upper	
43	100		
61	17.4	13.8	20.8
70	15.3	11.4	17.2



#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	117	Resp	20132
Ion Ratio	Lower	Upper	
117	100		
119	89.0	75.4	113.0
121	26.7	25.0	37.6

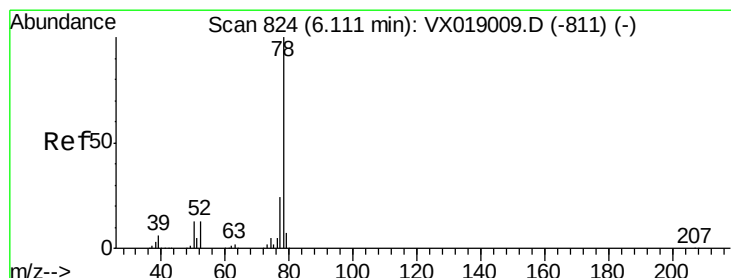
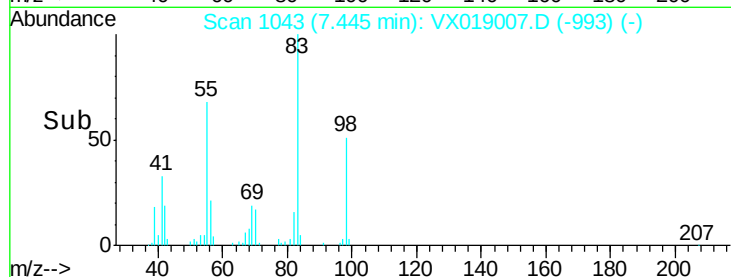
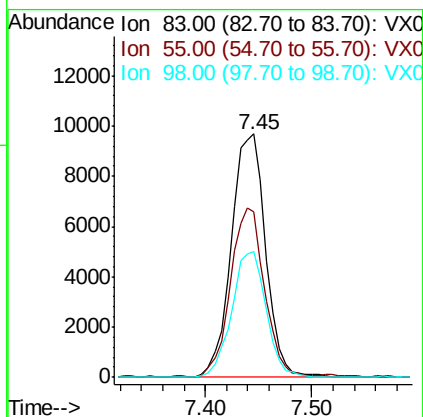
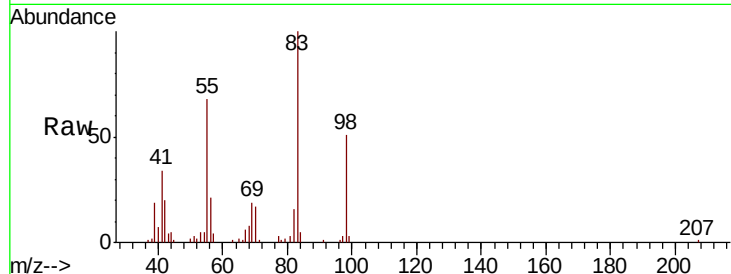




#39
Methylvlcyclohexane
Concen: 5.146 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

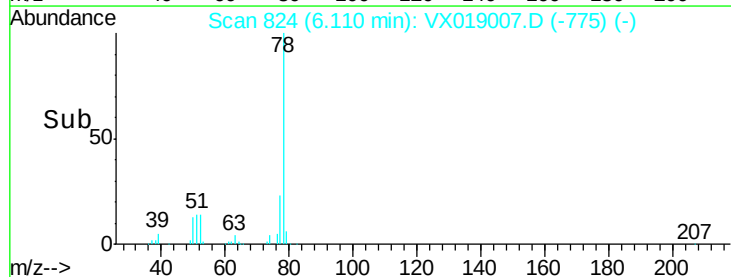
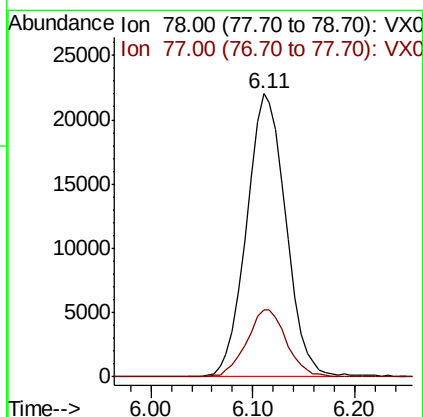
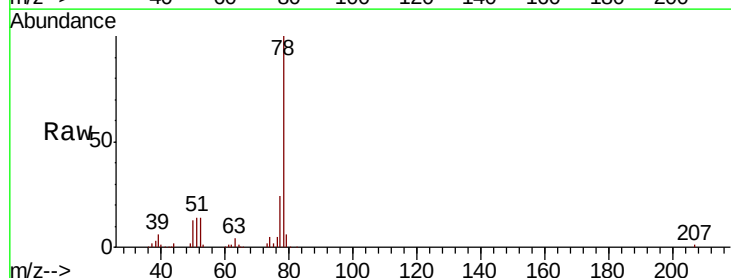
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

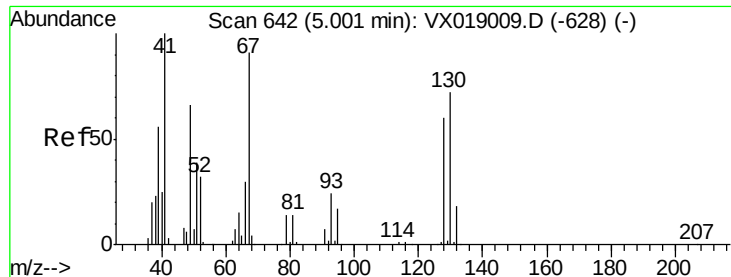
Tot Ion: 83 Resp: 21875
Ion Ratio Lower Upper
83 100
55 68.2 51.8 77.6
98 51.5 41.4 62.2



#40
Benzene
Concen: 5.274 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 78 Resp: 58928
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

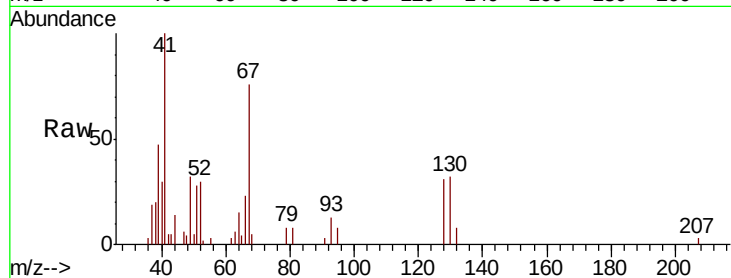




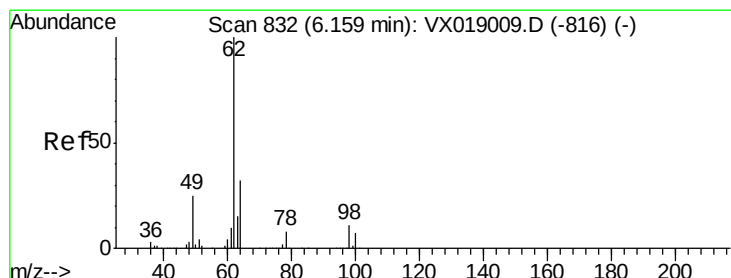
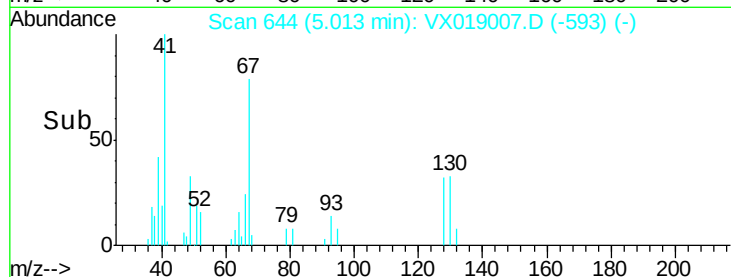
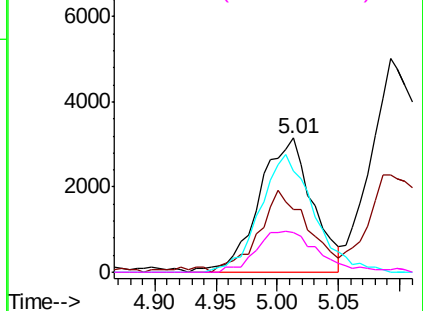
#41
Methacrylonitrile
Concen: 5.492 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	9553
Ion	Ratio	Lower	Upper
41	100		
39	57.0	44.6	67.0
67	88.7	76.1	114.1
52	35.3	28.3	42.5

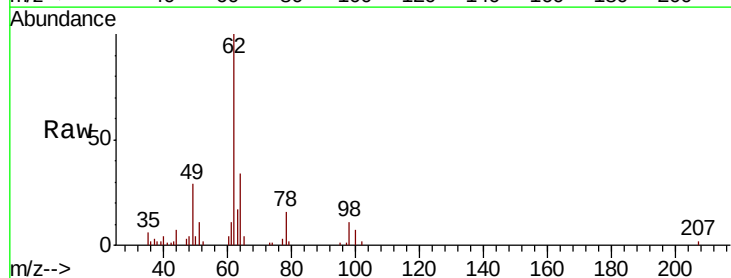


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

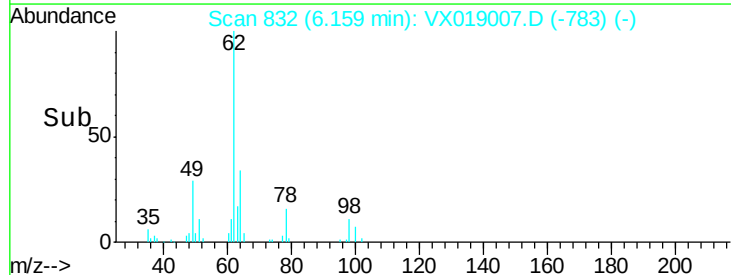
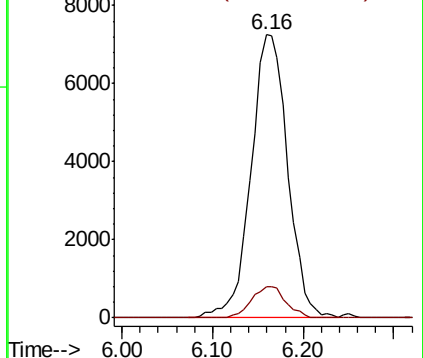


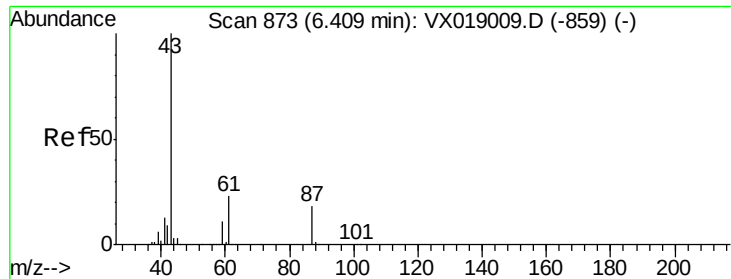
#42
1,2-Dichloroethane
Concen: 5.309 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:	62	Resp:	20243
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 5.282 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

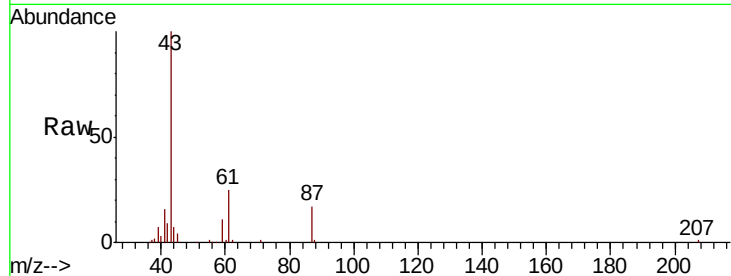
Tot Ion: 43 Resp: 28966

Ion Ratio Lower Upper

43 100

61 23.9 18.7 28.1

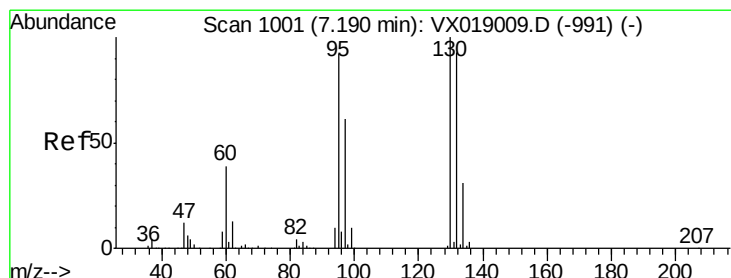
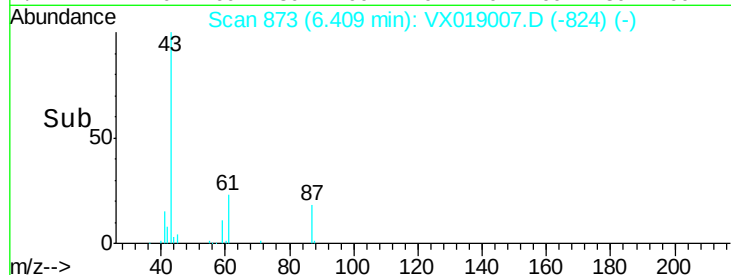
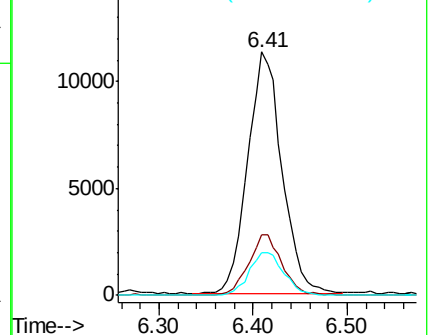
87 17.8 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.251 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019007.D

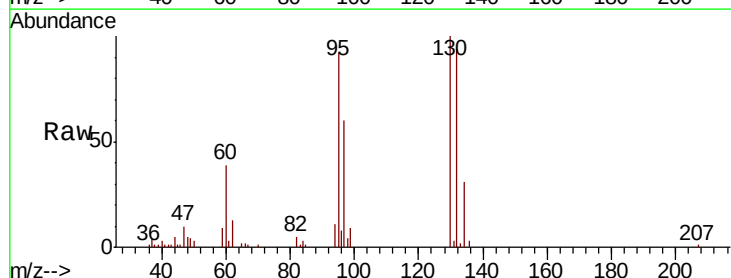
Acq: 21 Oct 2020 18:23

Tgt Ion: 130 Resp: 17111

Ion Ratio Lower Upper

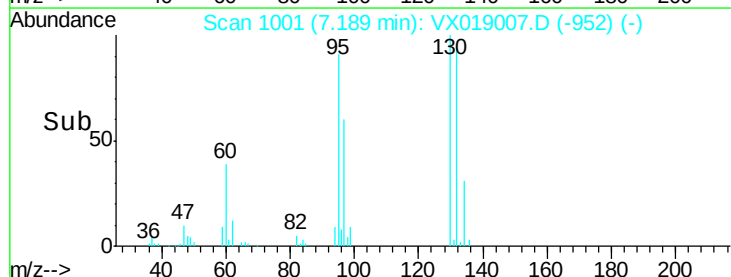
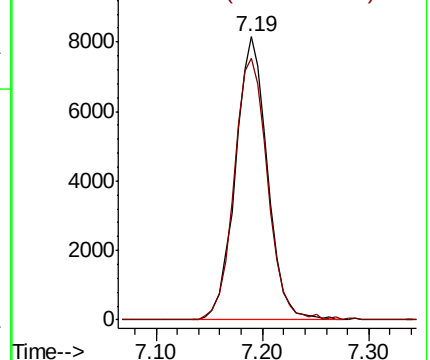
130 100

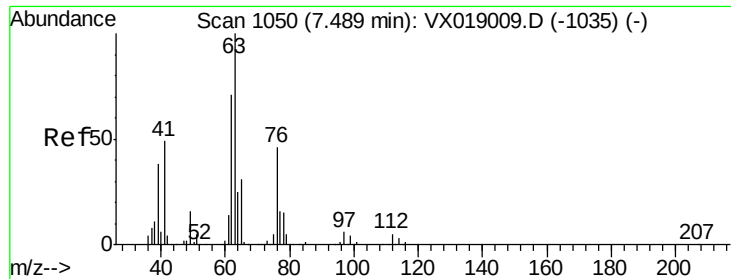
95 92.4 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.235 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

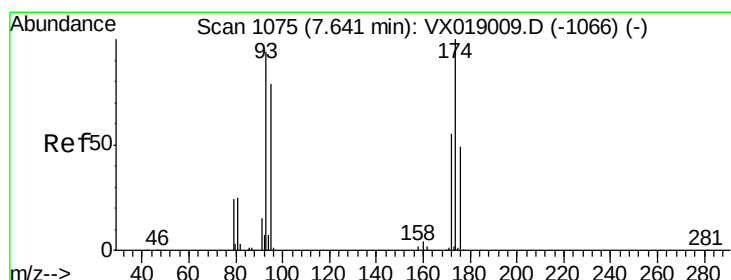
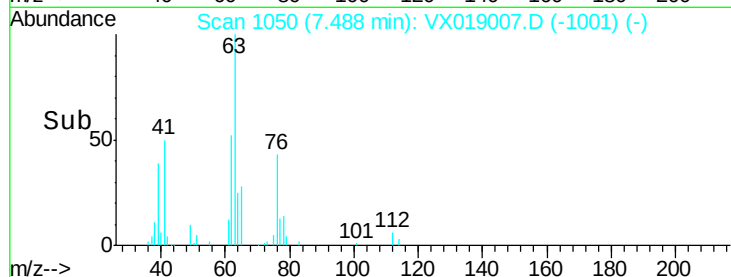
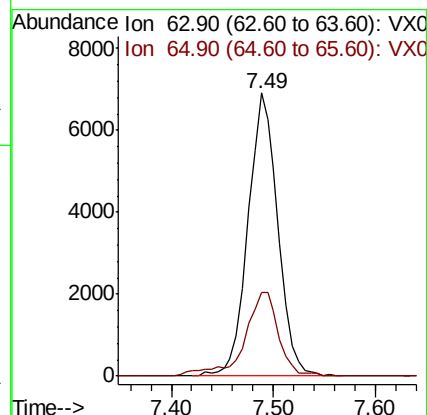
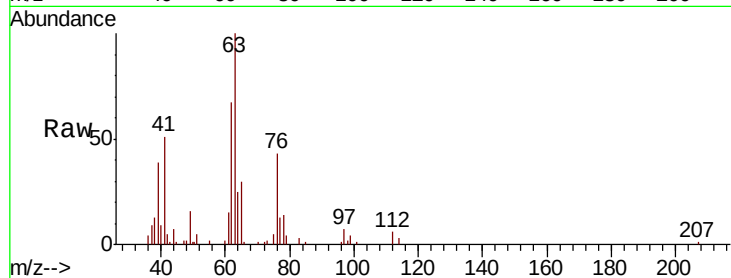
VSTDIC005

Tot Ion: 63 Resp: 14031

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 5.135 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

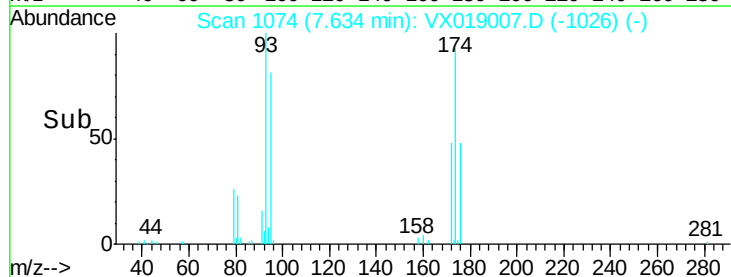
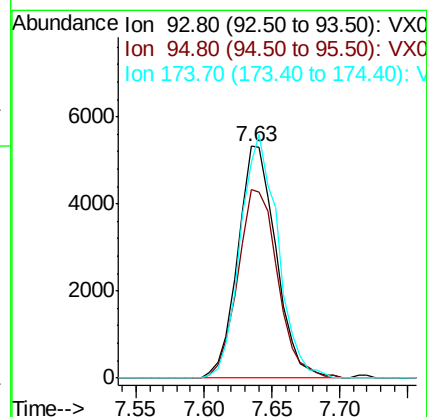
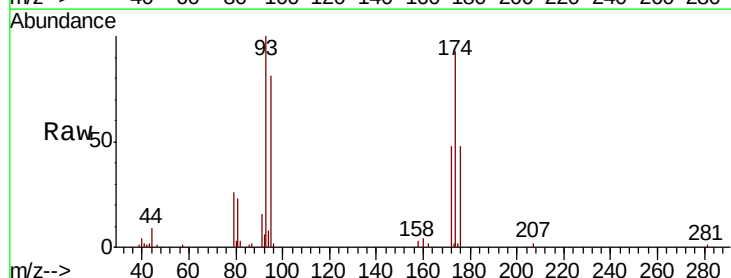
Tgt Ion: 93 Resp: 10482

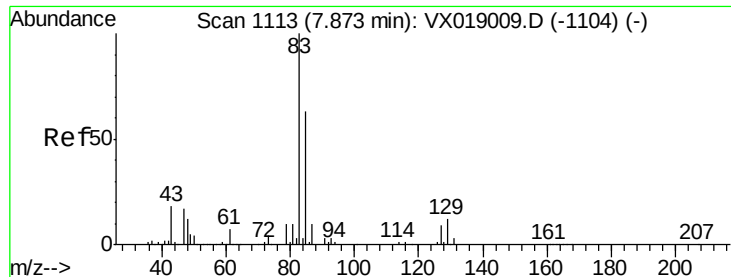
Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

174 103.2 83.8 125.8

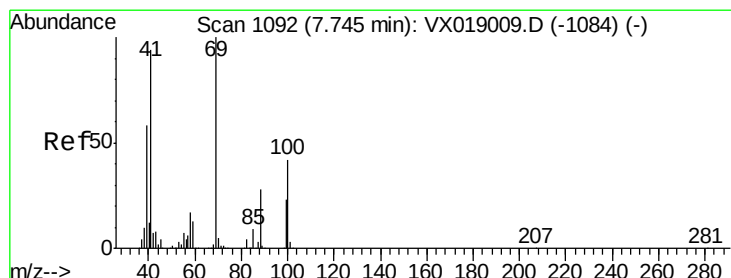
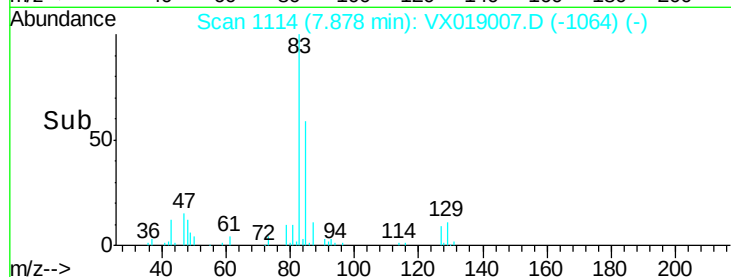
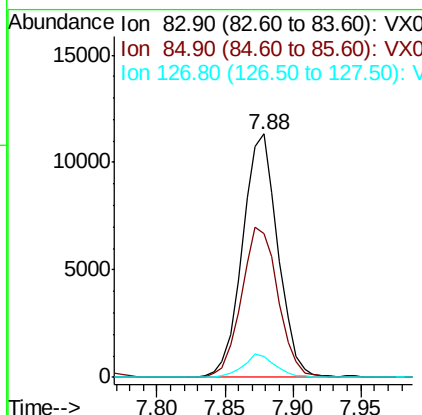
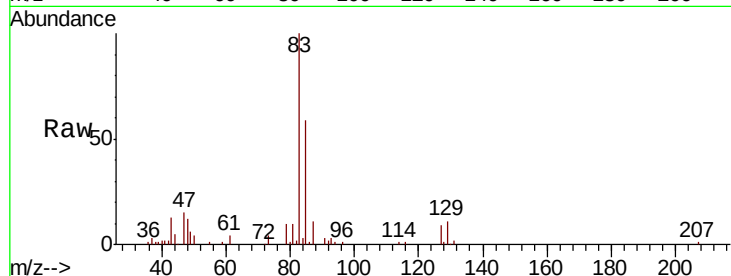




#47
 Bromodichloromethane
 Concen: 5.145 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

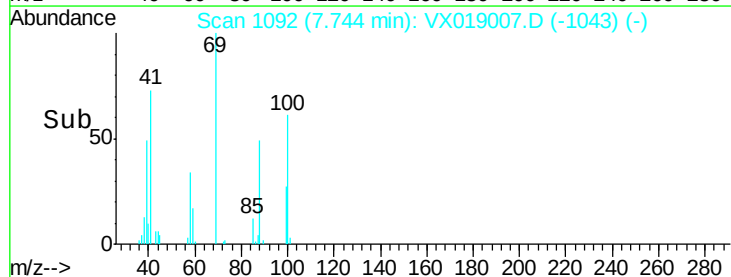
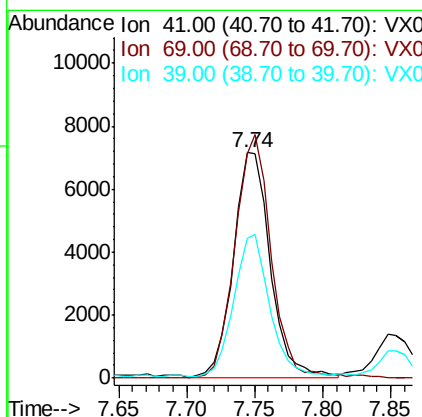
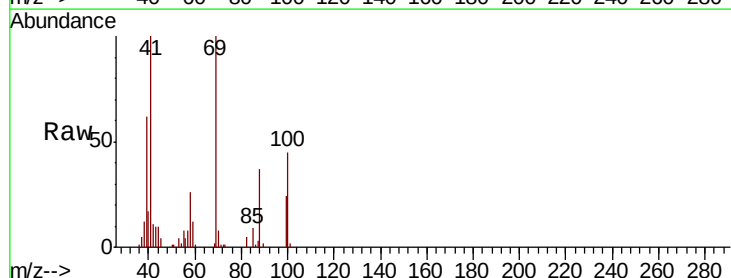
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

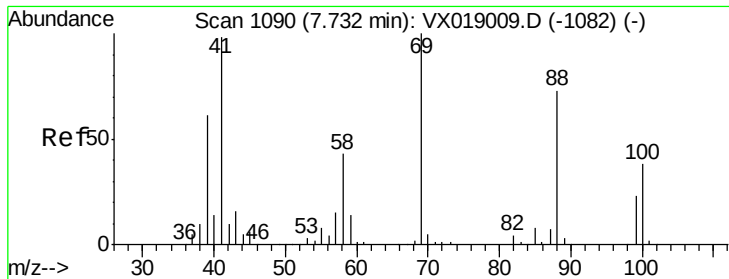
Tot Ion: 83 Resp: 20593
 Ion Ratio Lower Upper
 83 100
 85 58.9 50.7 76.1
 127 8.5 6.8 10.2



#48
 Methyl methacrylate
 Concen: 5.046 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion: 41 Resp: 13636
 Ion Ratio Lower Upper
 41 100
 69 105.3 85.5 128.3
 39 60.0 49.3 73.9

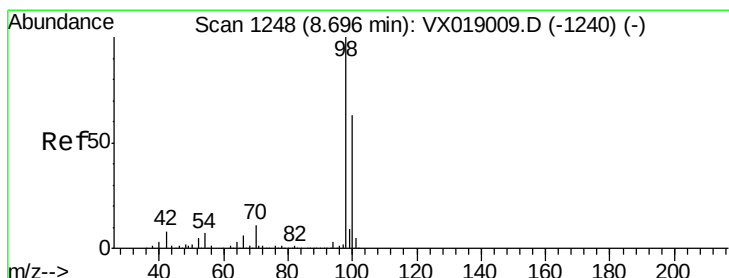
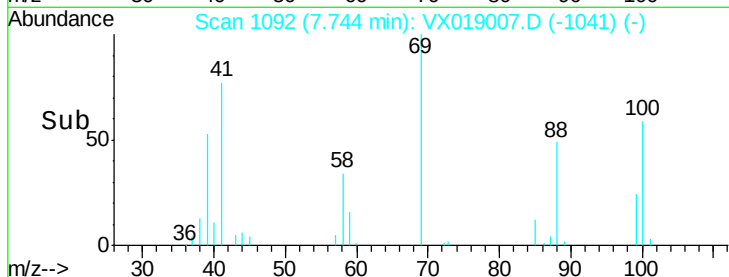
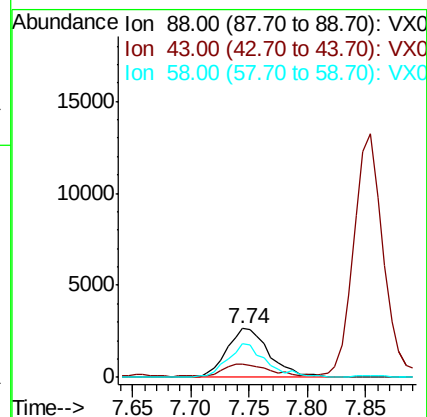
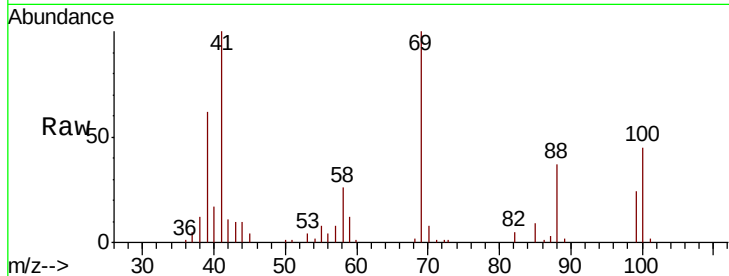




#49
1,4-Dioxane
Concen: 109.296 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

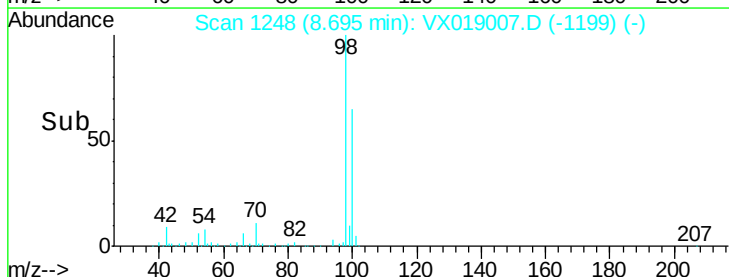
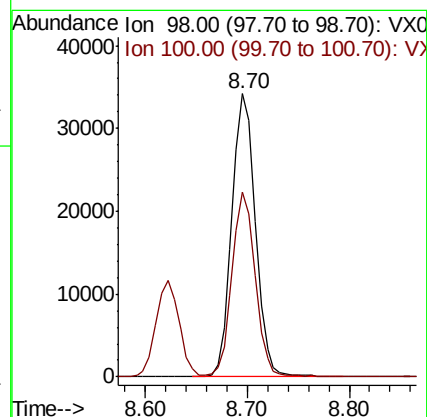
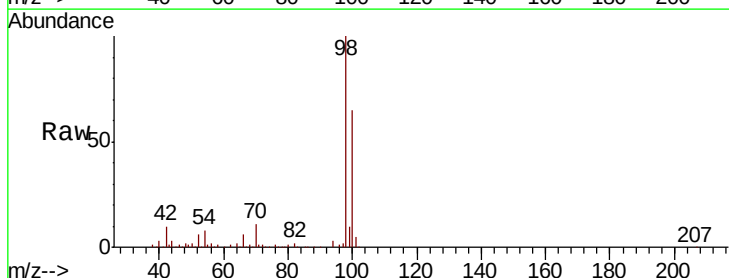
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

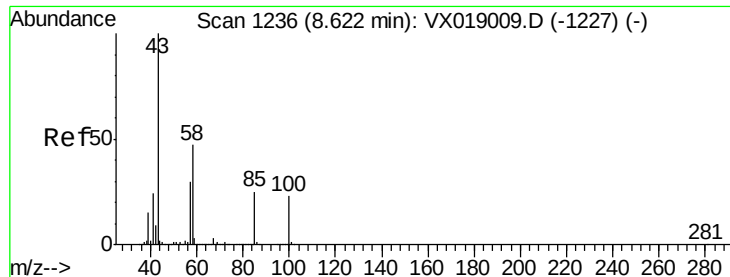
Tot Ion: 88 Resp: 6673
Ion Ratio Lower Upper
88 100
43 33.1 20.3 30.5#
58 63.6 48.4 72.6



#50
Toluene-d8
Concen: 5.352 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 98 Resp: 54670
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

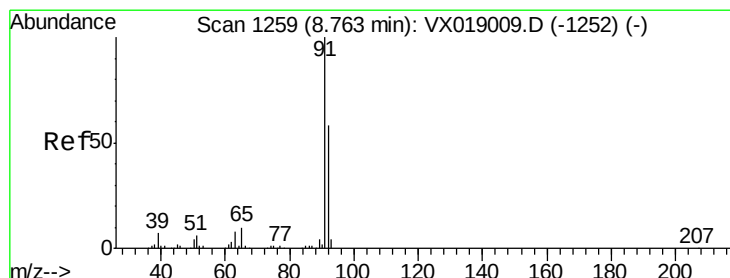
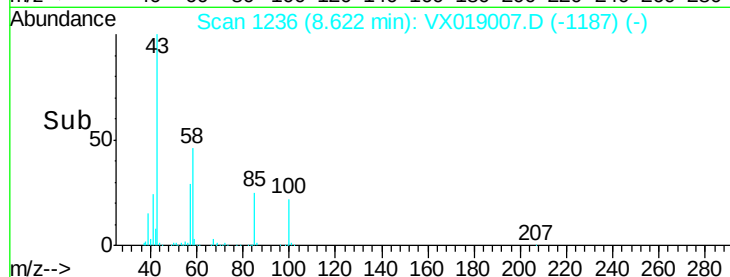
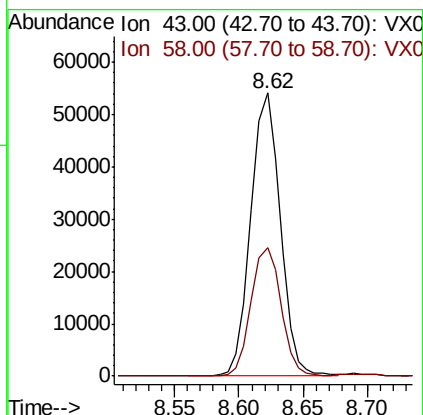
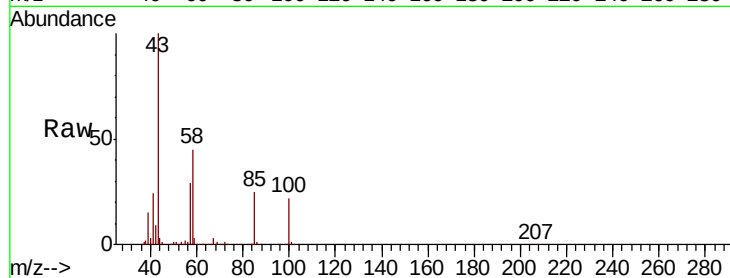




#51
 4-Methyl-2-Pentanone
 Concen: 26.347 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

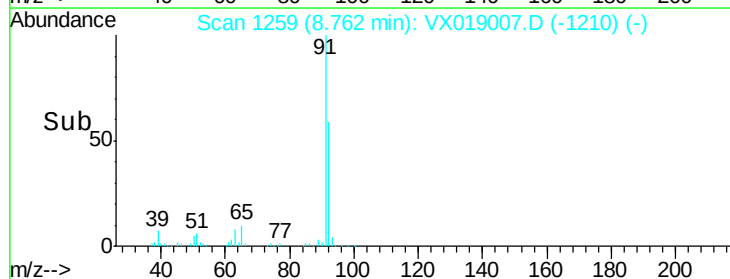
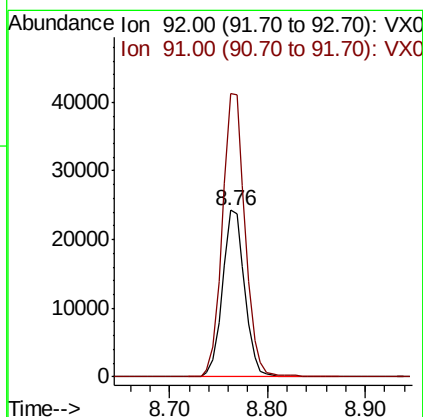
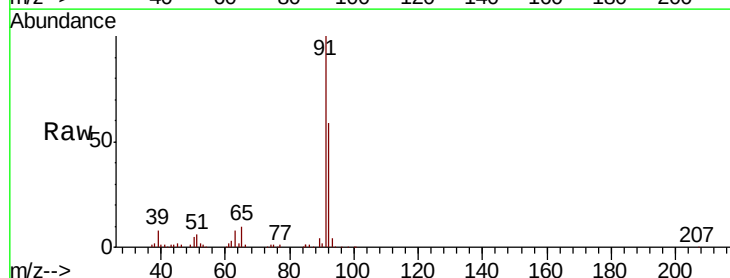
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

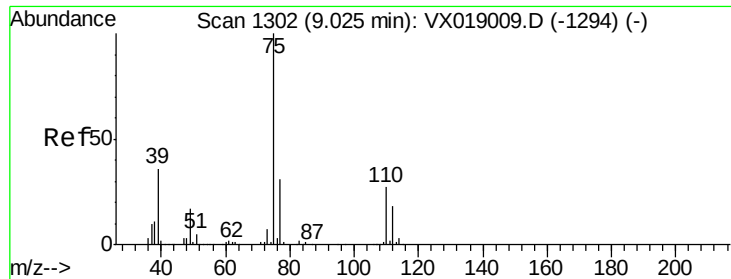
Tot Ion: 43 Resp: 85142
 Ion Ratio Lower Upper
 43 100
 58 46.5 37.4 56.0



#52
 Toluene
 Concen: 5.166 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion: 92 Resp: 38127
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.6 208.0

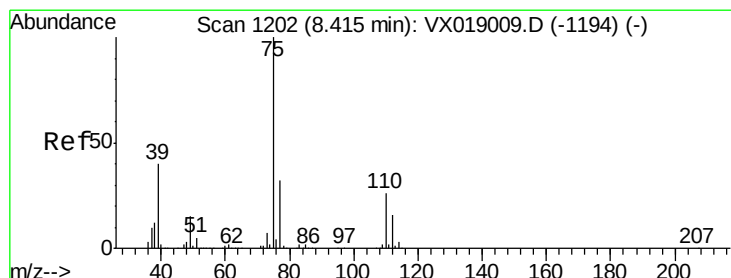
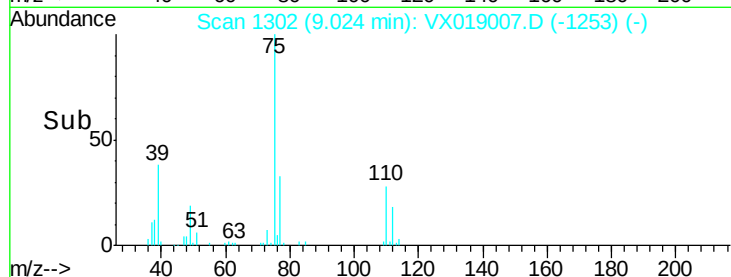
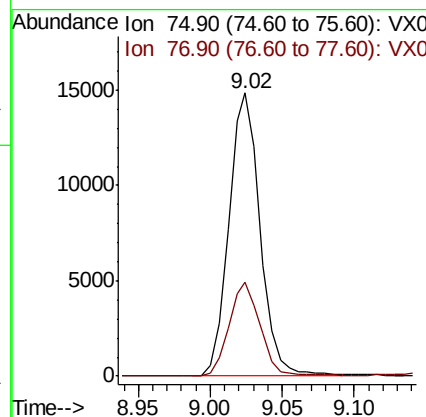
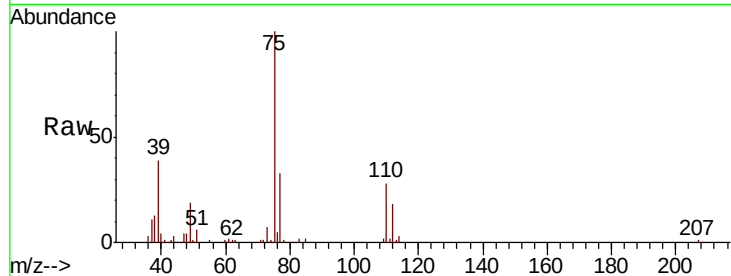




#53
 t-1,3-Dichloropropene
 Concen: 4.974 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

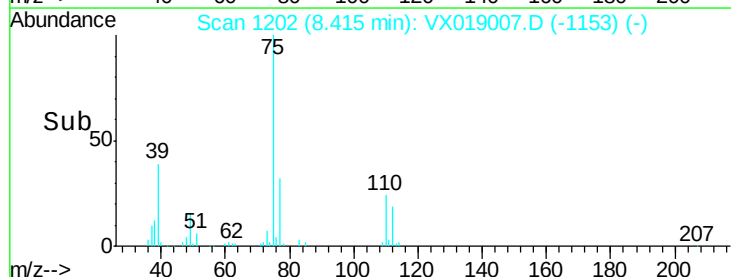
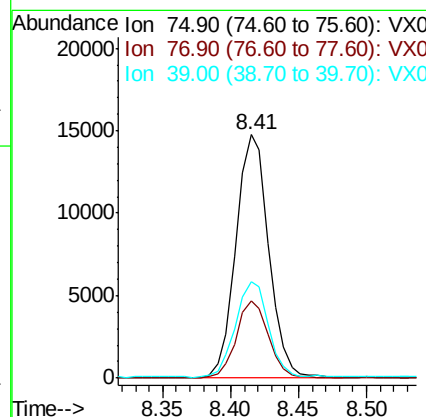
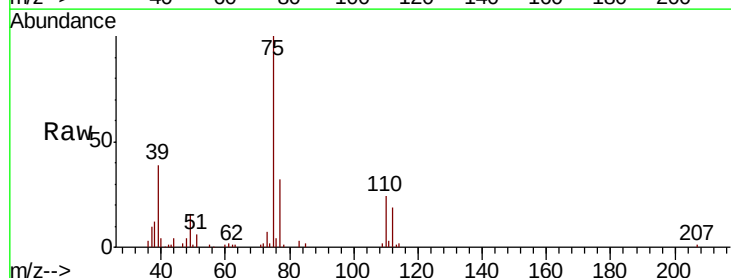
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

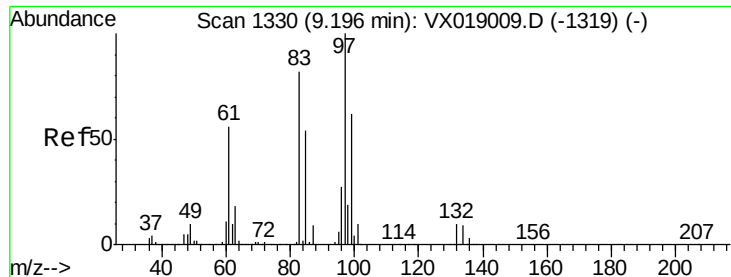
Tot Ion: 75 Resp: 22482
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 5.193 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion: 75 Resp: 24785
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9
 39 39.0 31.7 47.5

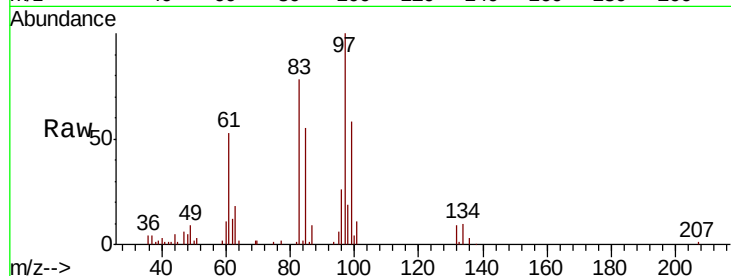




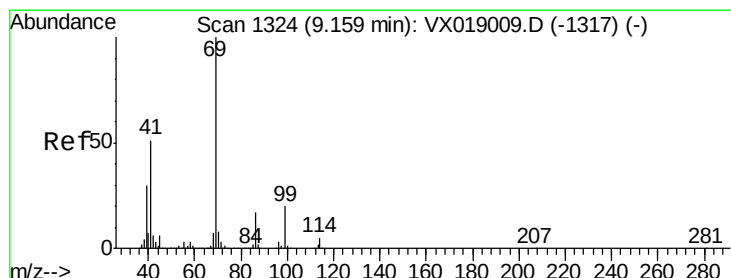
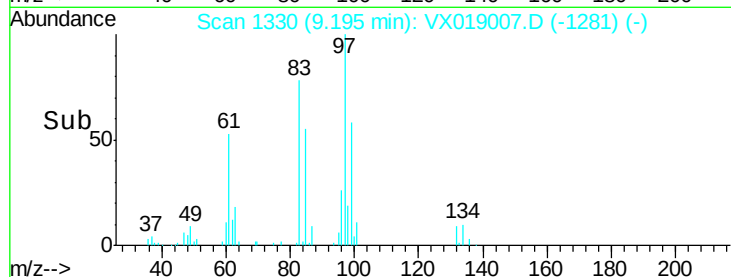
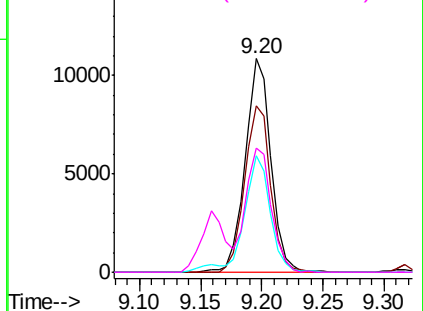
#55
 1,1,2-Trichloroethane
 Concen: 5.270 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	15855
Ion	Ratio	Lower	Upper
97	100		
83	78.0	65.4	98.2
85	54.8	43.3	64.9
99	58.4	50.0	75.0

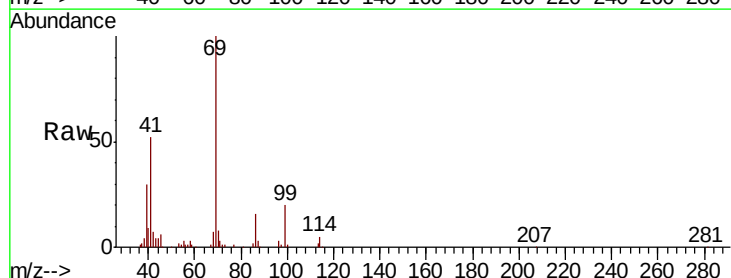


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

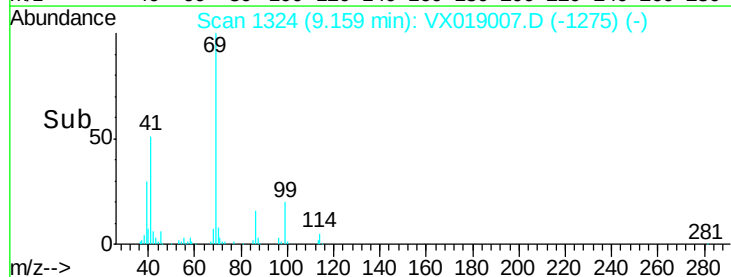
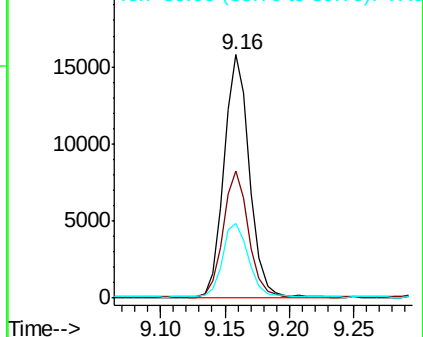


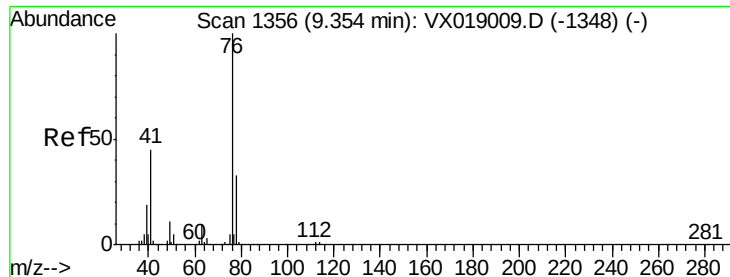
#56
 Ethyl methacrylate
 Concen: 5.096 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion:	69	Resp:	22056
Ion	Ratio	Lower	Upper
69	100		
41	50.8	41.1	61.7
39	32.9	24.6	37.0



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





#57

1,3-Dichloropropane

Concen: 5.340 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

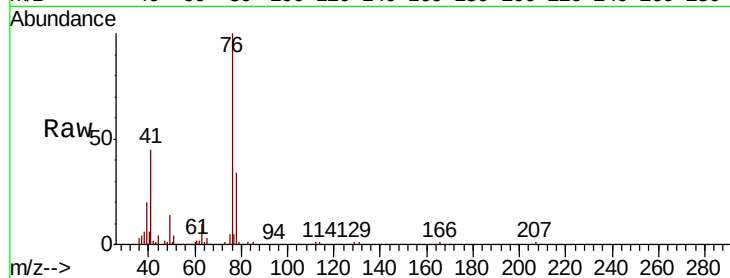
VSTDIC005

Tot Ion: 76 Resp: 25498

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

20000

15000

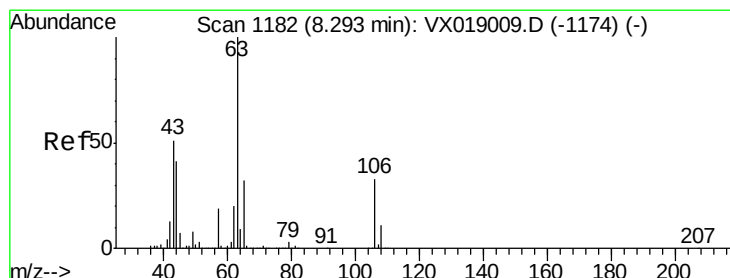
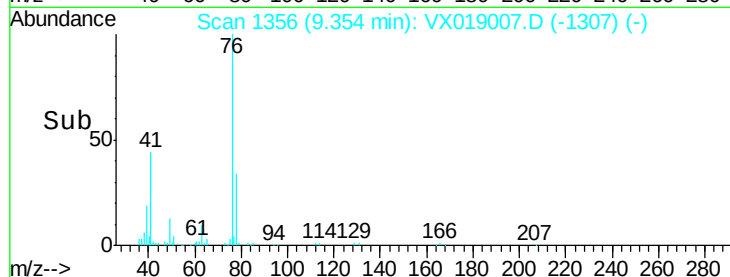
10000

5000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 26.351 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019007.D

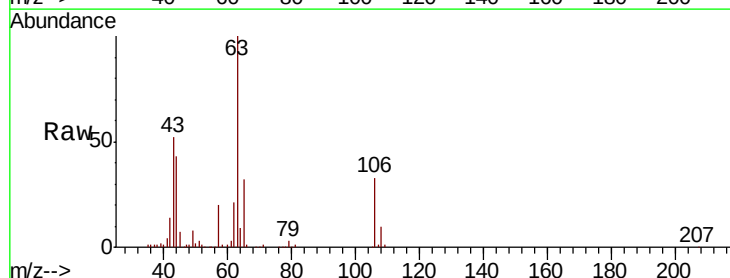
Acq: 21 Oct 2020 18:23

Tgt Ion: 63 Resp: 59915

Ion Ratio Lower Upper

63 100

106 32.0 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

40000

30000

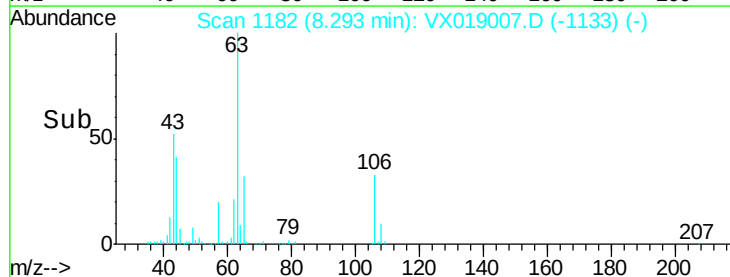
20000

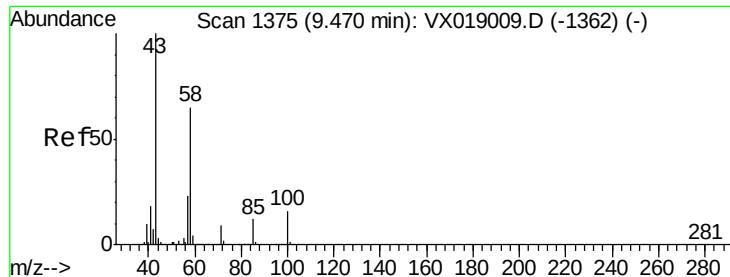
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->

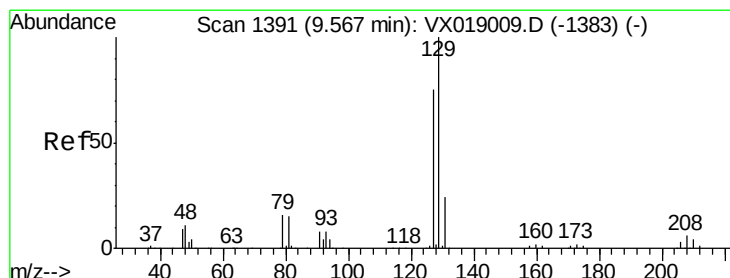
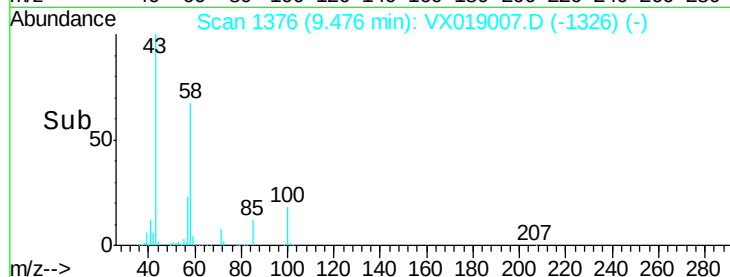
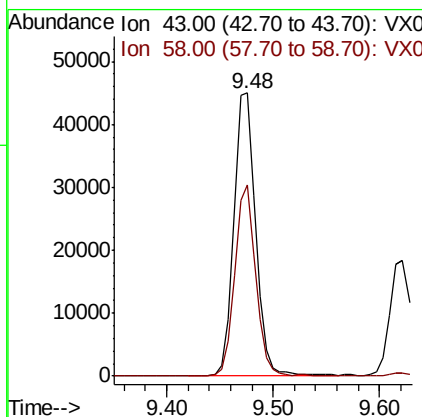
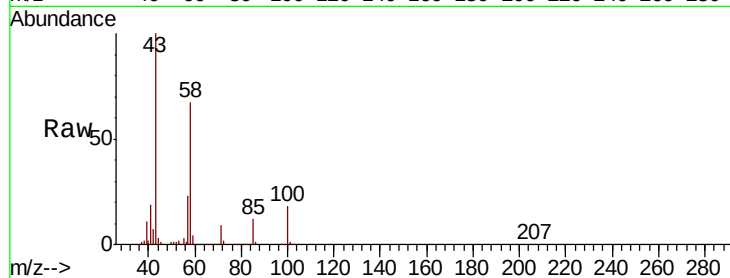




#59
2-Hexanone
Concen: 26.825 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

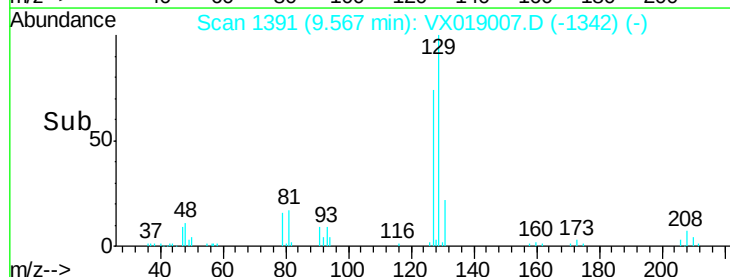
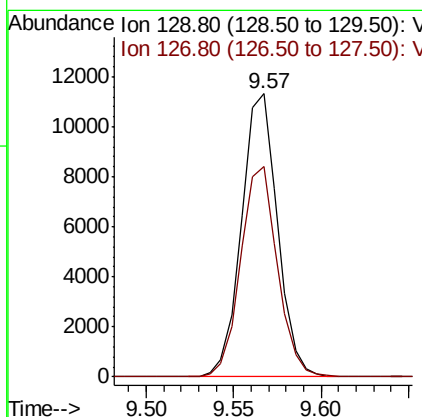
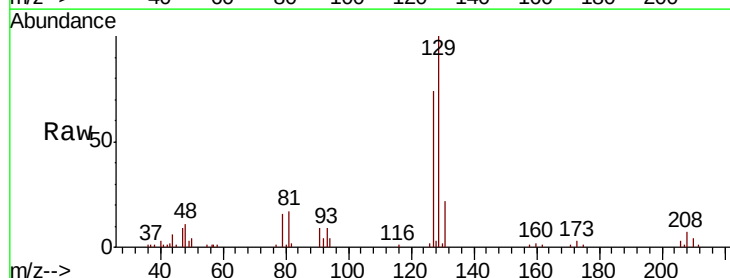
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

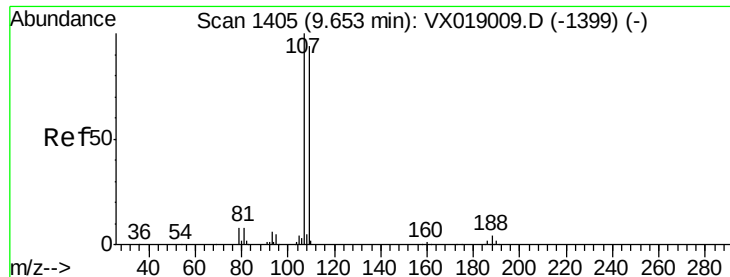
Tot Ion: 43 Resp: 64600
Ion Ratio Lower Upper
43 100
58 65.1 32.8 98.4



#60
Dibromochloromethane
Concen: 4.932 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 129 Resp: 16173
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 5.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

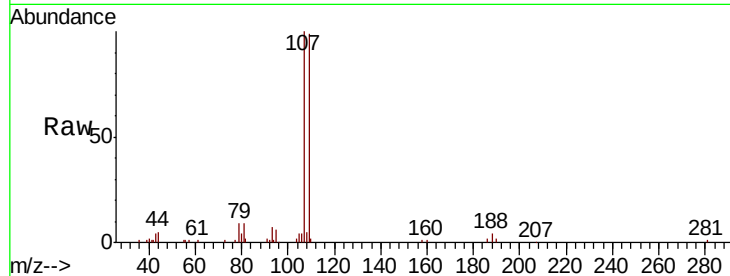
VSTDIC005

Tot Ion:107 Resp: 16761

Ion Ratio Lower Upper

107 100

109 90.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

12000

10000

8000

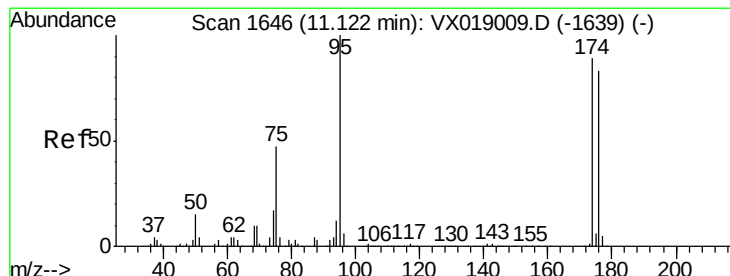
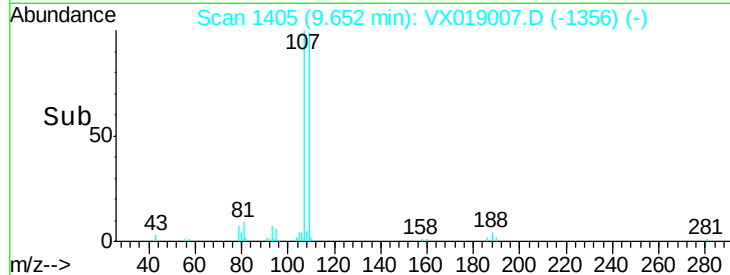
6000

4000

2000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 5.389 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

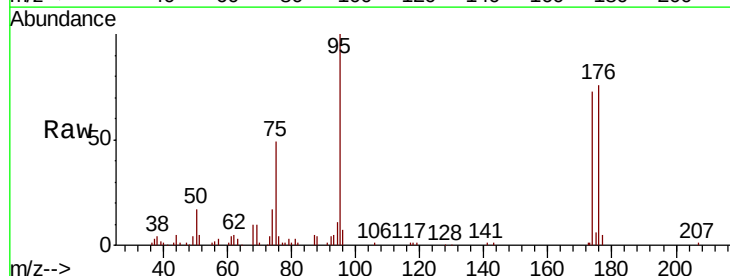
Tgt Ion: 95 Resp: 19583

Ion Ratio Lower Upper

95 100

174 78.2 0.0 167.6

176 79.0 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

20000

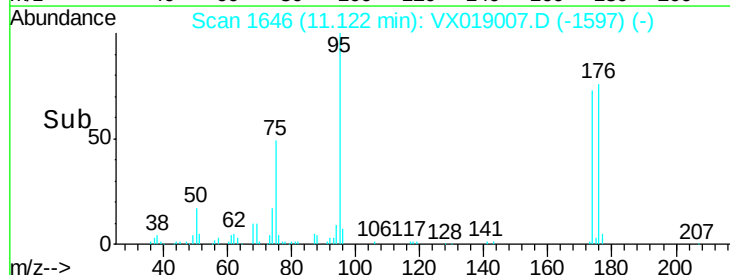
15000

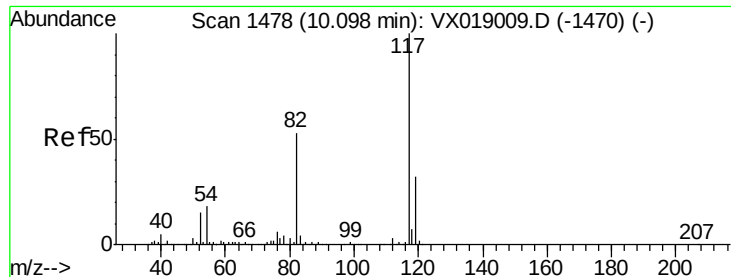
10000

5000

0

Time-->

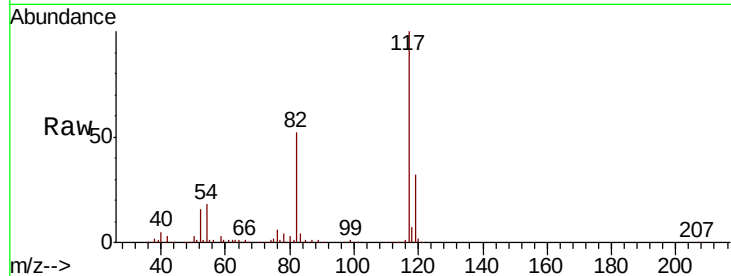




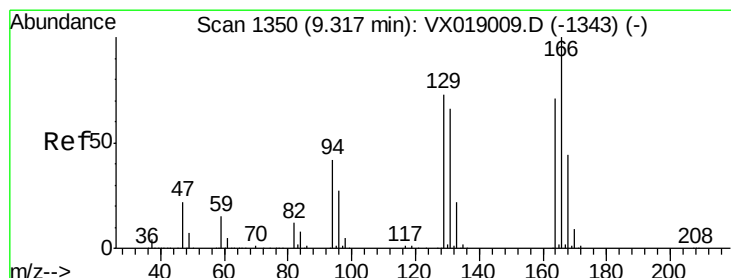
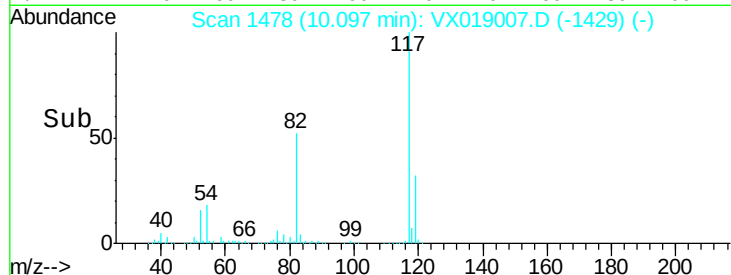
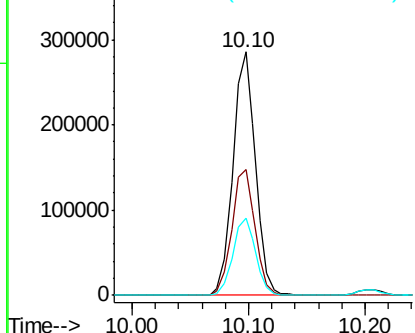
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.4	63.6
119	31.5	25.6	38.4



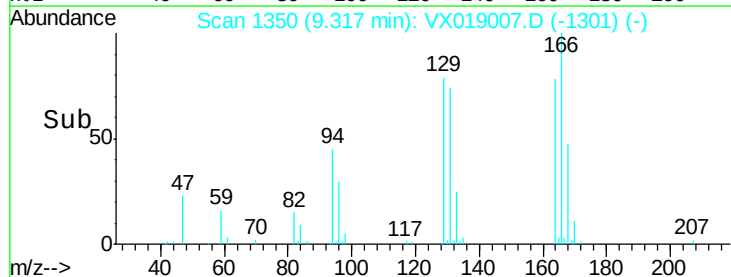
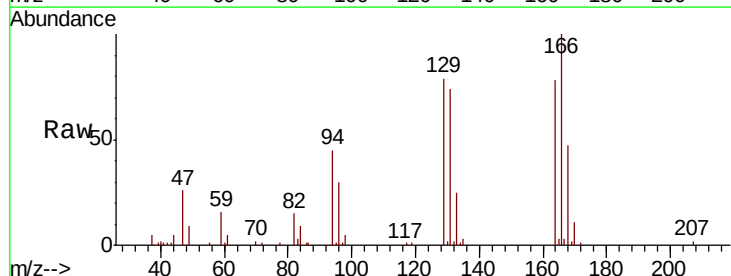
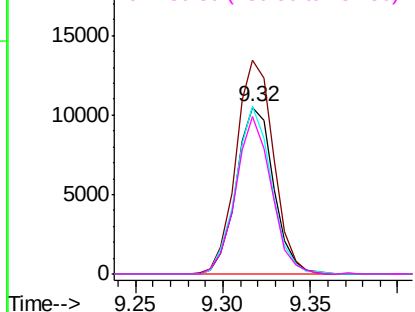
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

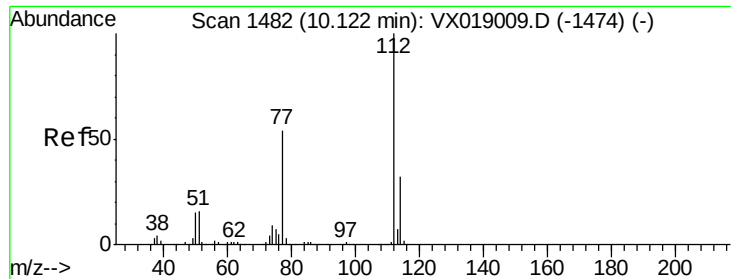


#64
Tetrachloroethene
Concen: 5.299 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	112.2	168.4
129	100.7	81.8	122.8
131	94.7	74.6	112.0

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

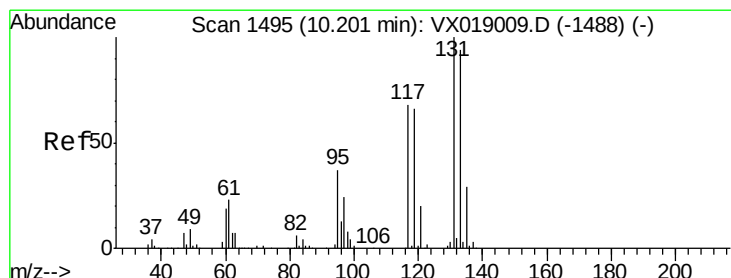
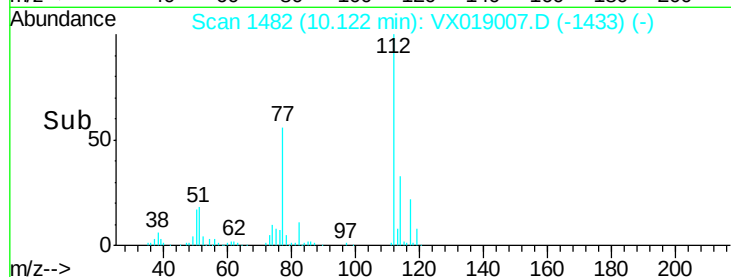
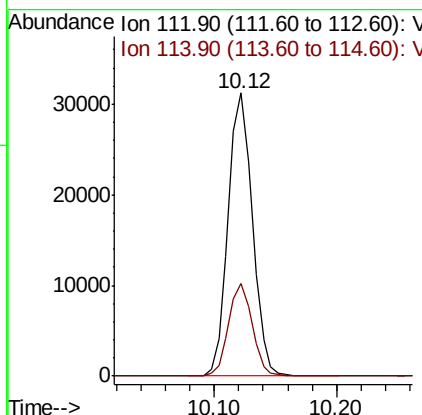
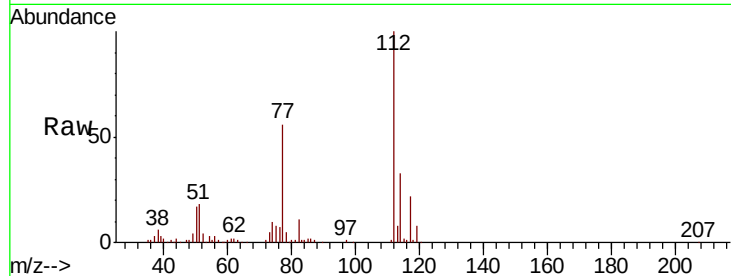




#65
Chlorobenzene
Concen: 5.337 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

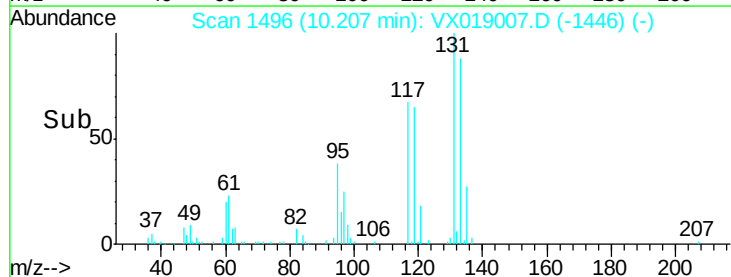
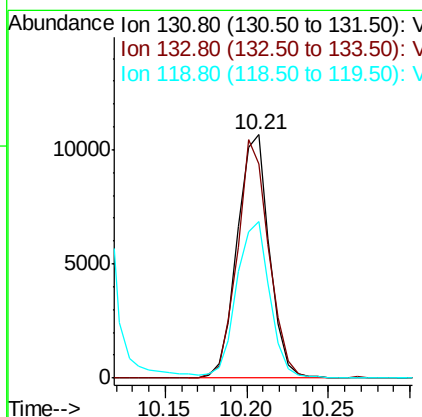
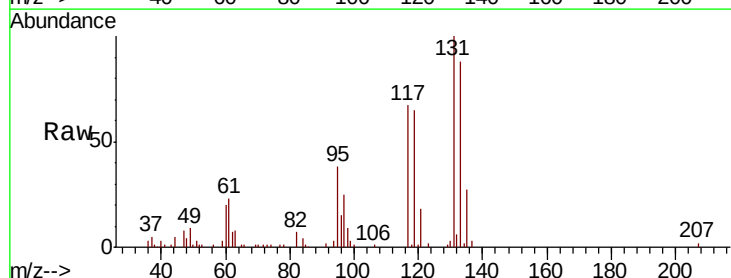
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

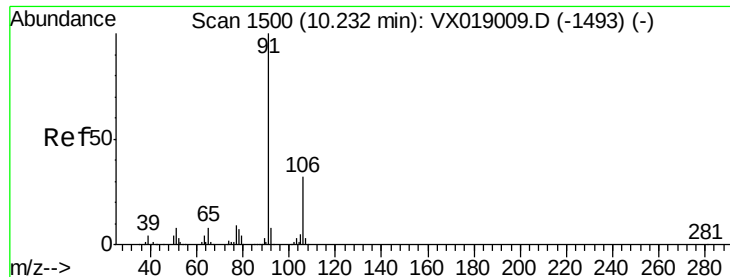
Tot Ion:112 Resp: 42901
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.118 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:131 Resp: 14627
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.2
119 66.6 32.9 98.7

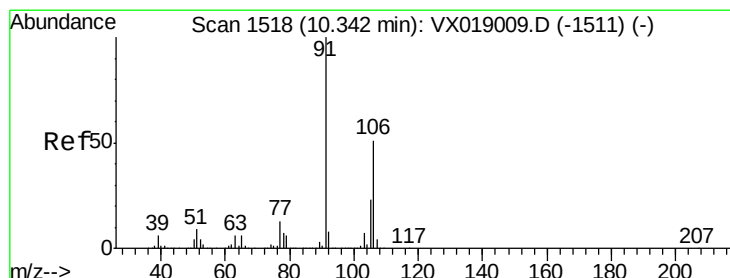
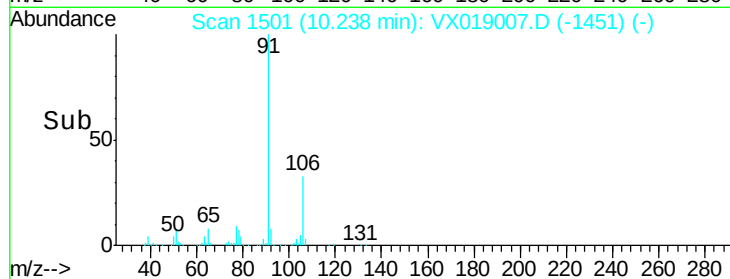
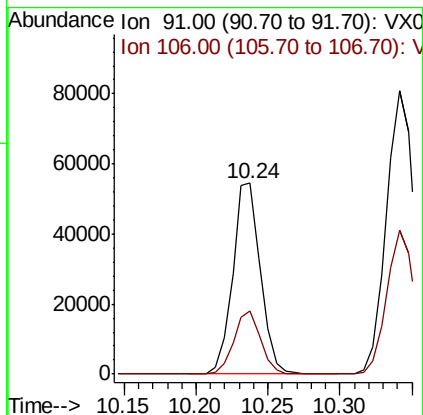
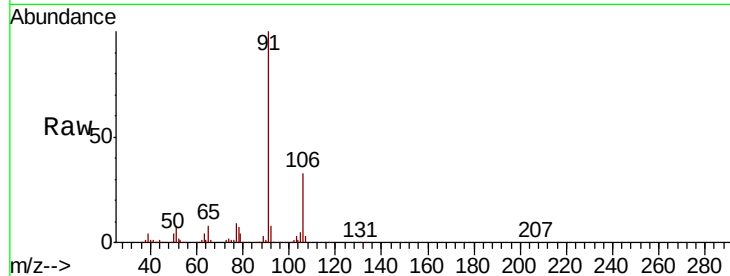




#67
Ethyl Benzene
Concen: 5.321 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

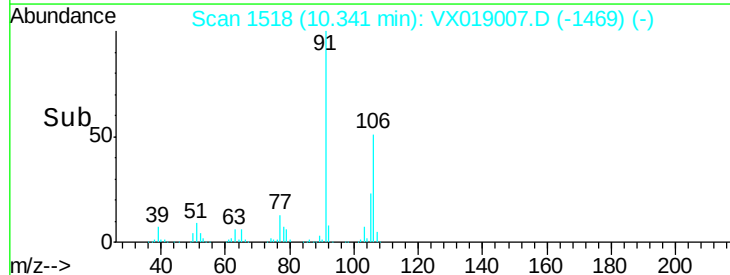
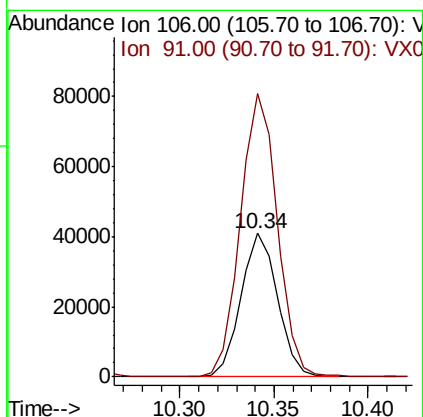
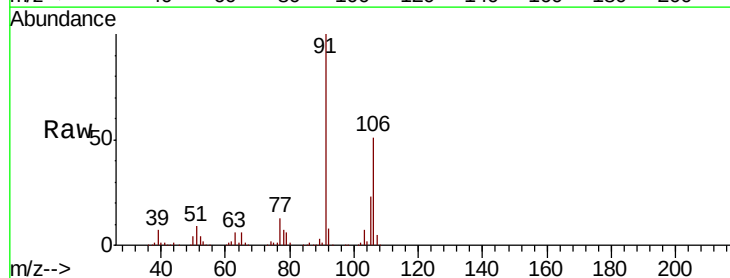
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

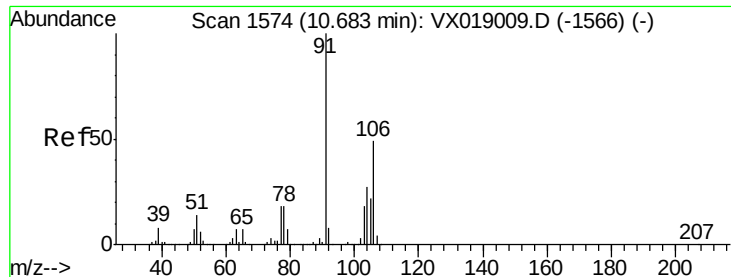
Tot Ion: 91 Resp: 73733
Ion Ratio Lower Upper
91 100
106 33.1 25.3 37.9



#68
m/p-Xylenes
Concen: 10.430 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 106 Resp: 55362
Ion Ratio Lower Upper
106 100
91 199.2 156.9 235.3

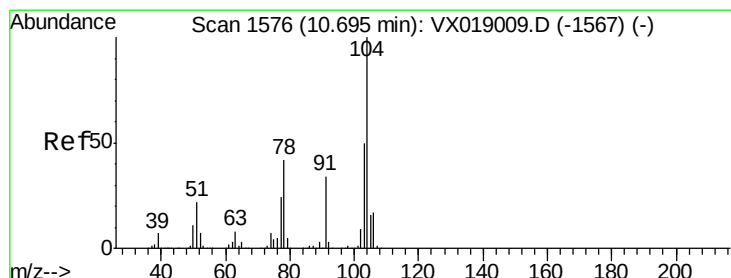
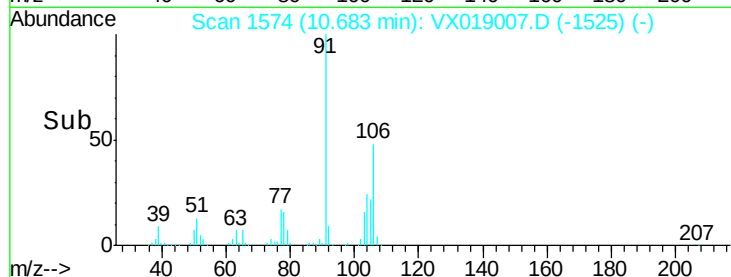
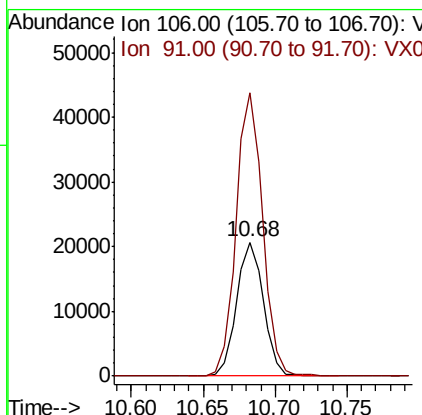
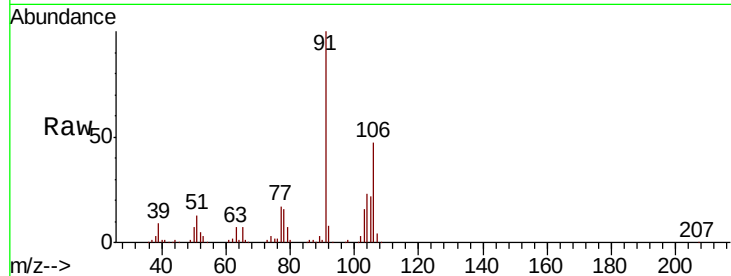




#69
o-Xylene
Concen: 5.299 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

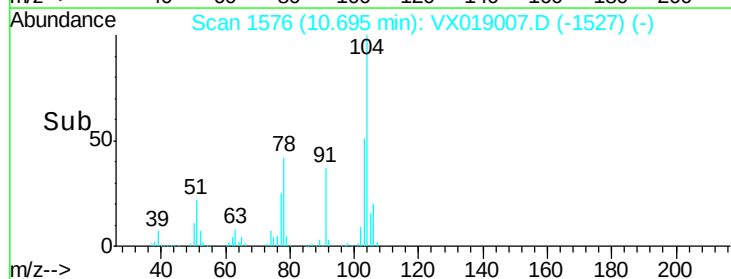
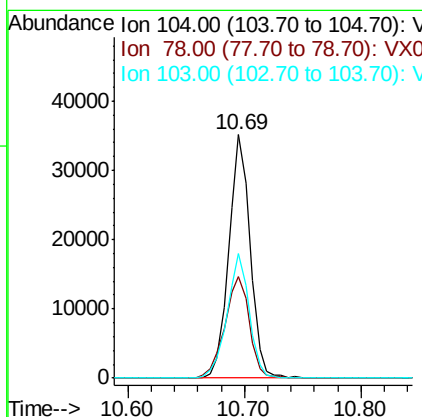
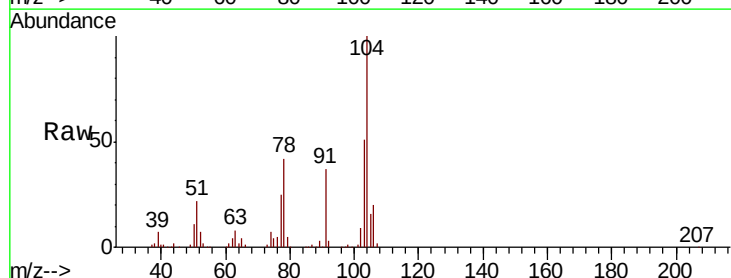
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

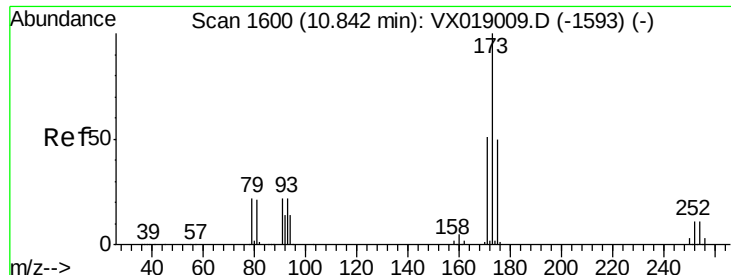
Tot Ion:106 Resp: 26919
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0



#70
Styrene
Concen: 5.201 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:104 Resp: 44855
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 53.1 43.5 65.3





#71

Bromoform

Concen: 4.840 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

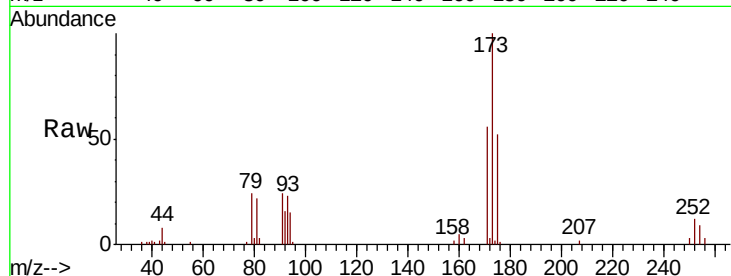
Tot Ion:173 Resp: 11167

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.4

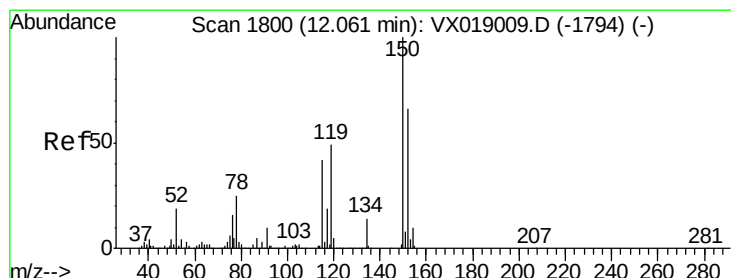
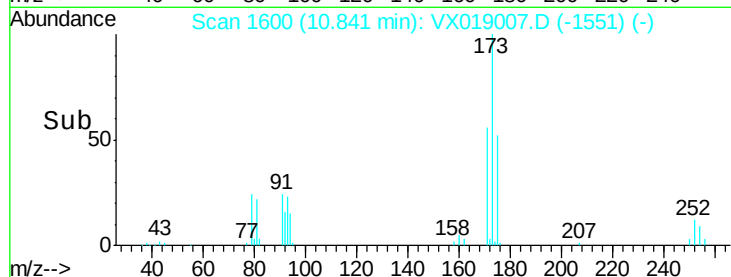
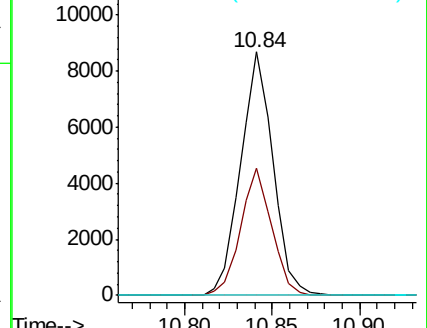
254 0.0 0.1 0.1#



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: VX019007.D

Acq: 21 Oct 2020 18:23

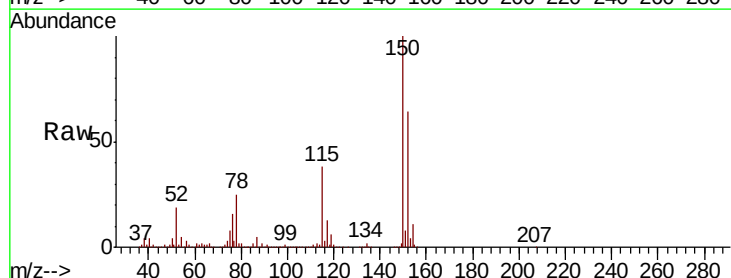
Tgt Ion:152 Resp: 187450

Ion Ratio Lower Upper

152 100

115 61.0 40.8 122.5

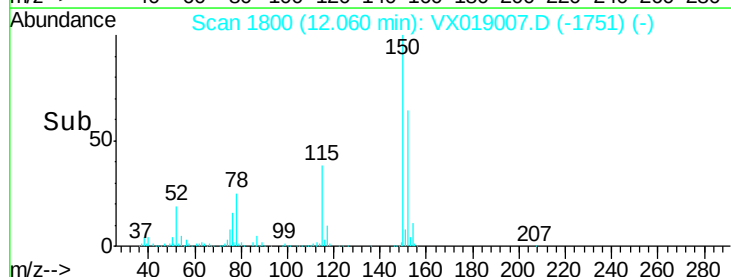
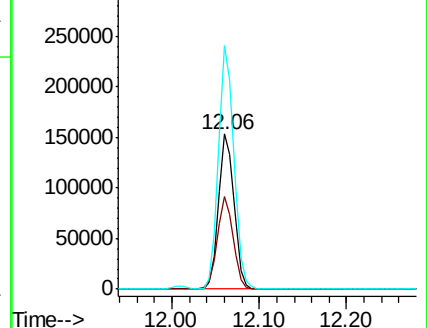
150 156.9 0.0 345.6

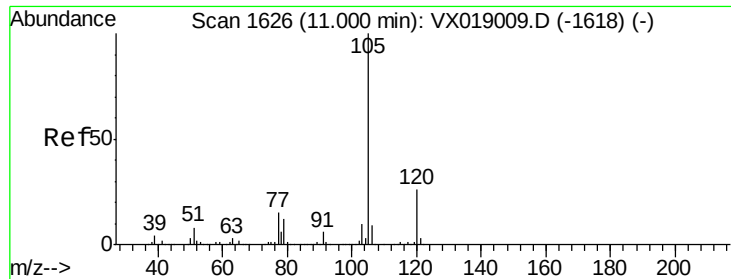


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

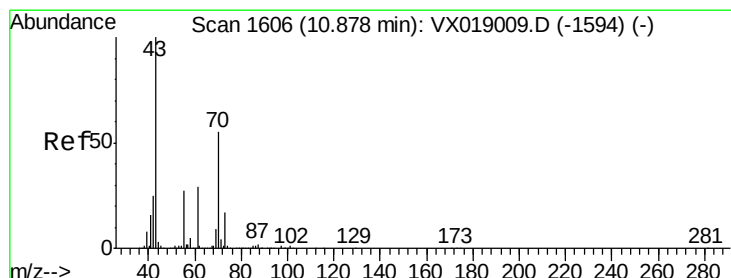
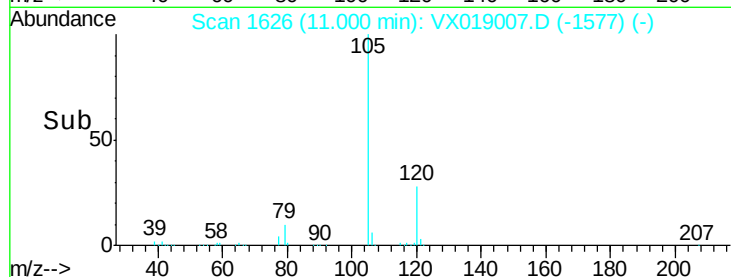
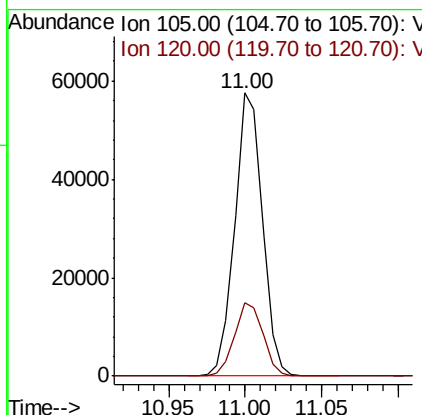
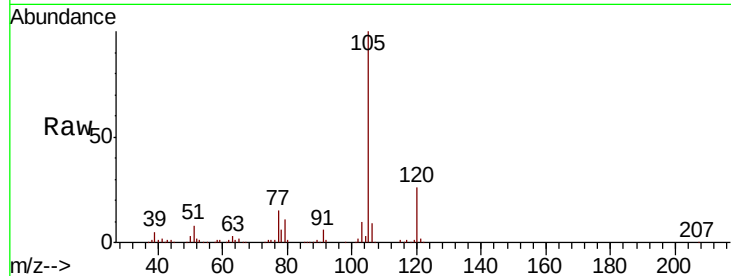




#73
Isopropylbenzene
Concen: 5.368 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

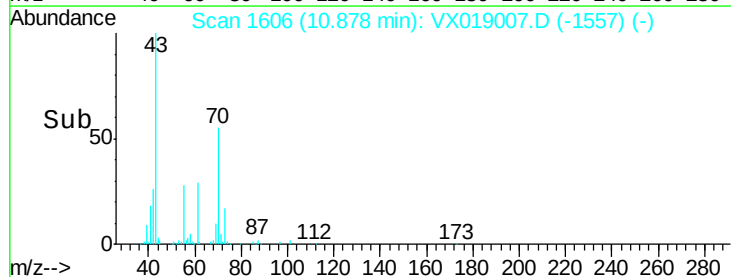
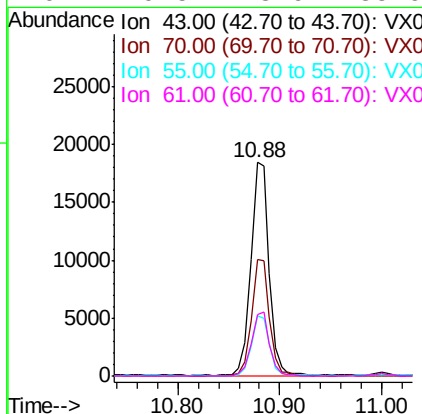
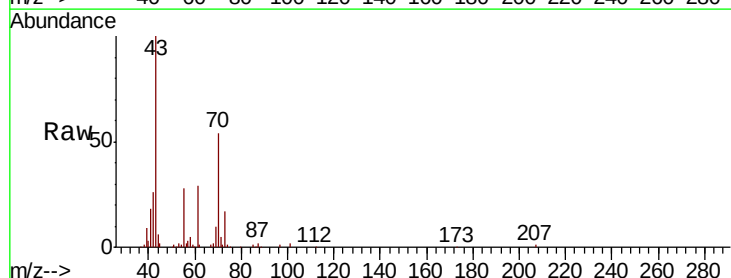
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

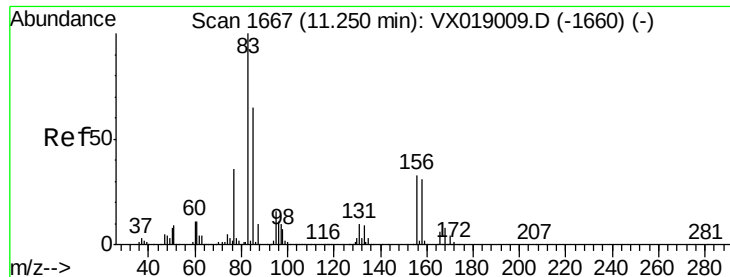
Tot Ion:105 Resp: 72388
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 5.350 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 43 Resp: 23113
Ion Ratio Lower Upper
43 100
70 53.7 44.5 66.7
55 28.4 21.9 32.9
61 29.5 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.459 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

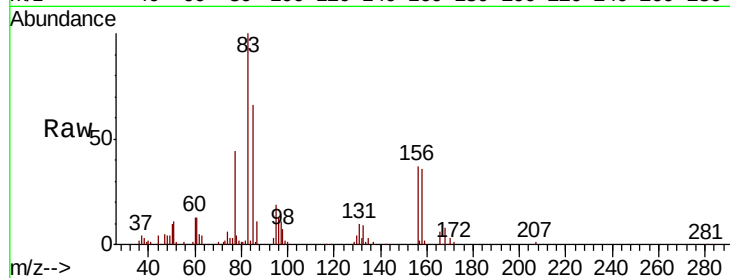
Tot Ion: 83 Resp: 22175

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

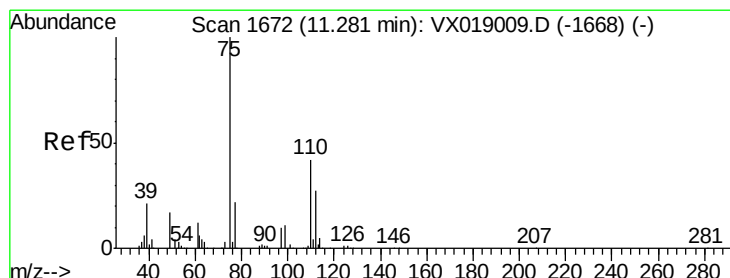
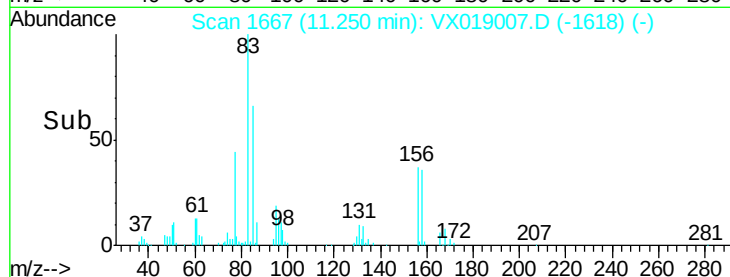
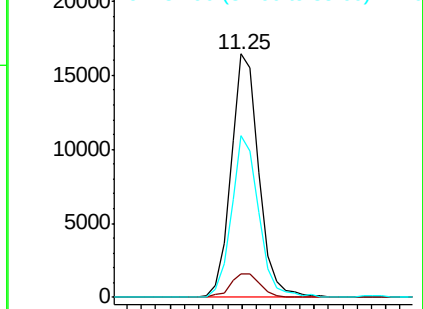
85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.017 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019007.D

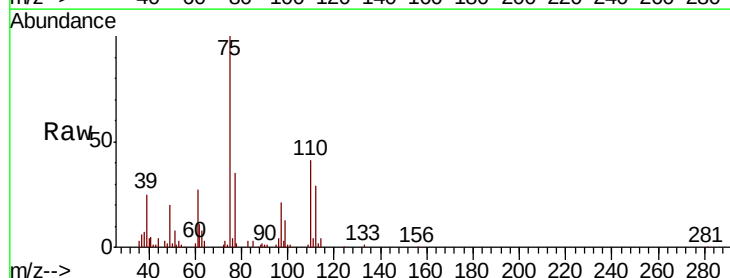
Acq: 21 Oct 2020 18:23

Tgt Ion: 75 Resp: 26290

Ion Ratio Lower Upper

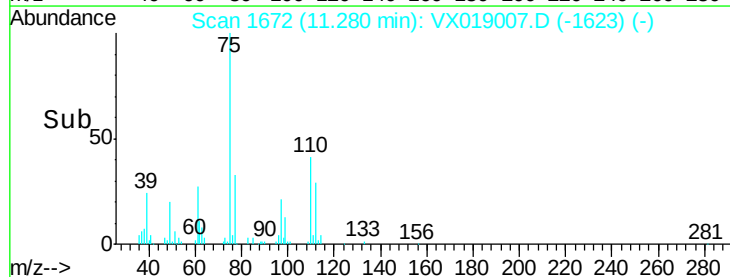
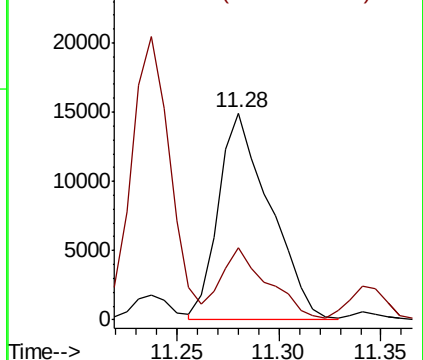
75 100

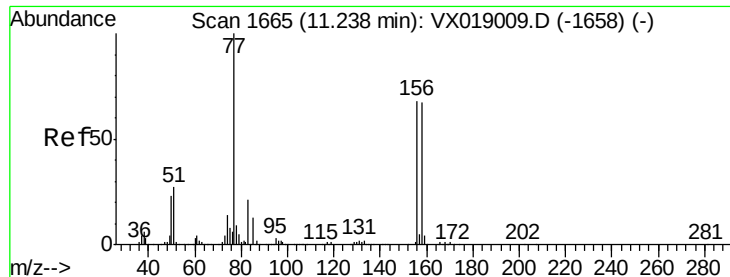
77 31.9 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.207 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

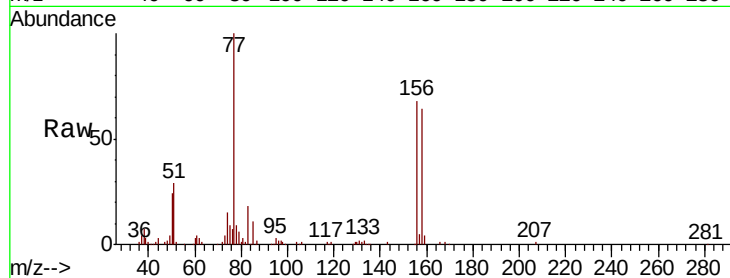
Tot Ion:156 Resp: 17732

Ion Ratio Lower Upper

156 100

77 152.2 74.4 223.1

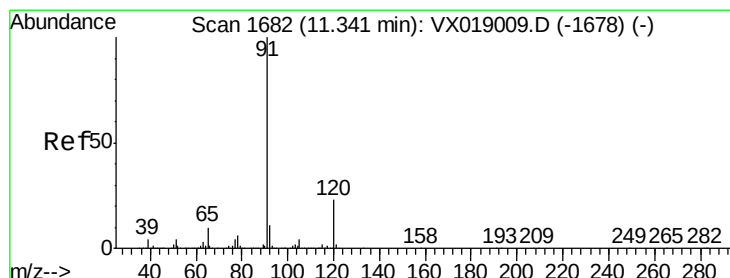
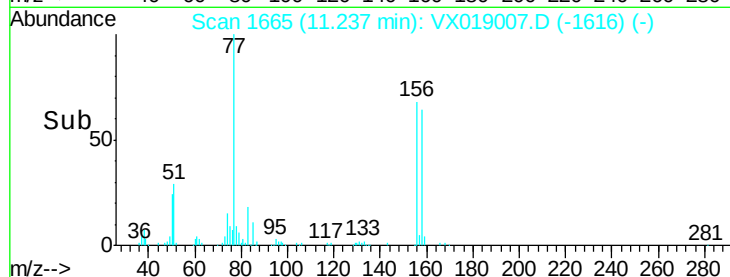
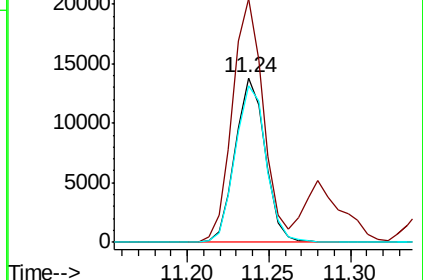
158 98.0 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.359 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019007.D

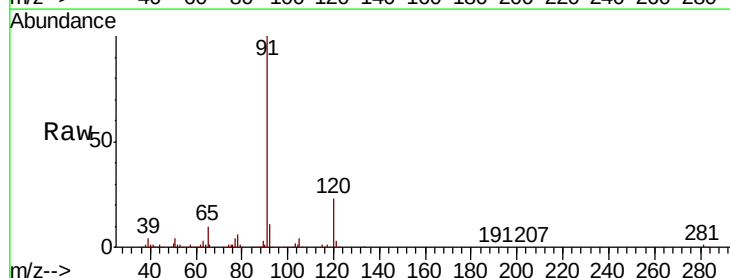
Acq: 21 Oct 2020 18:23

Tgt Ion: 91 Resp: 81883

Ion Ratio Lower Upper

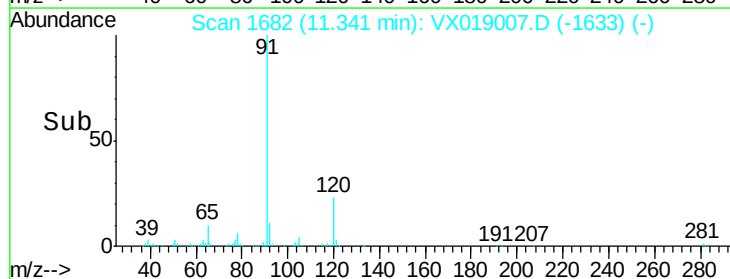
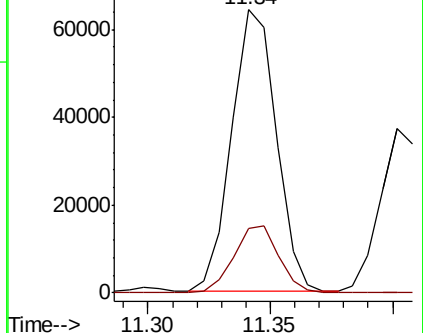
91 100

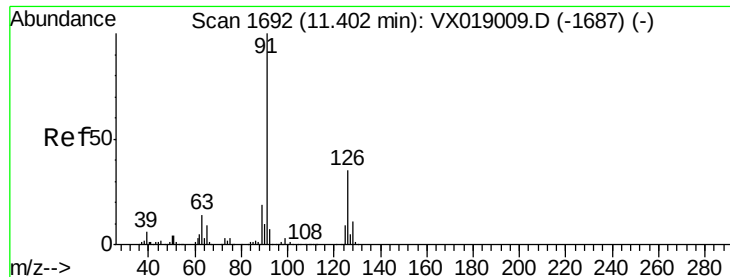
120 23.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.346 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

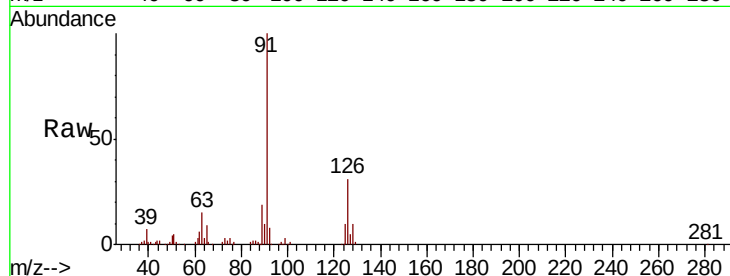
VSTDIC005

Tot Ion: 91 Resp: 47656

Ion Ratio Lower Upper

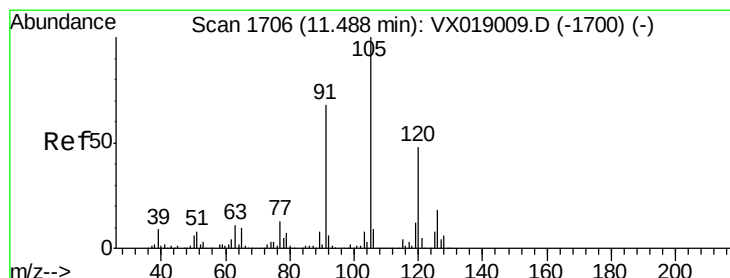
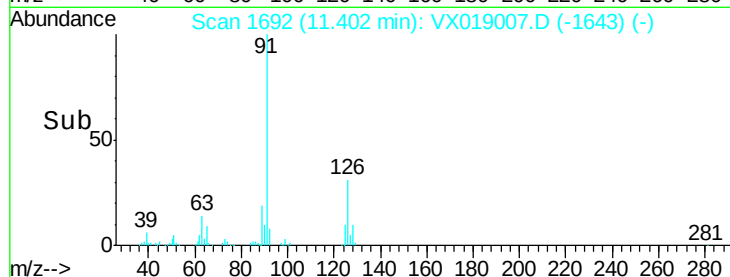
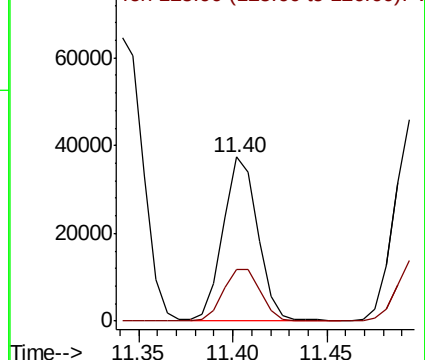
91 100

126 34.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.273 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019007.D

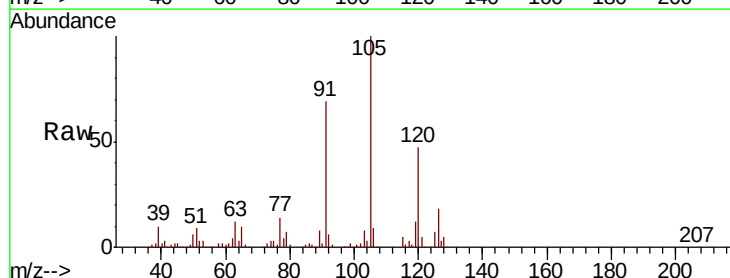
Acq: 21 Oct 2020 18:23

Tgt Ion:105 Resp: 58722

Ion Ratio Lower Upper

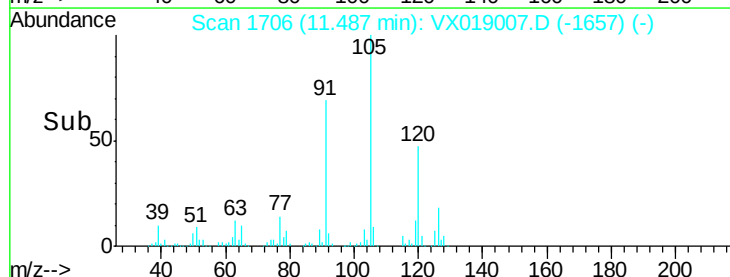
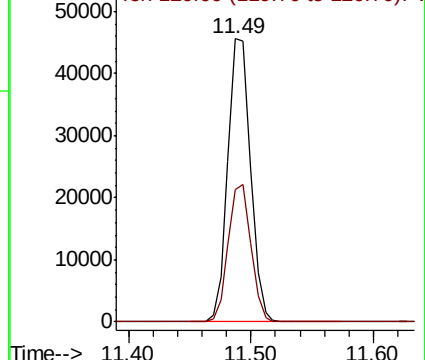
105 100

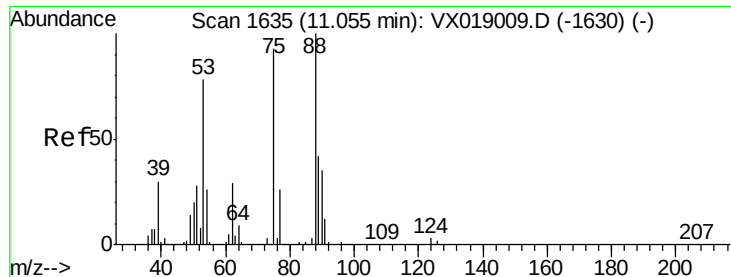
120 48.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.021 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

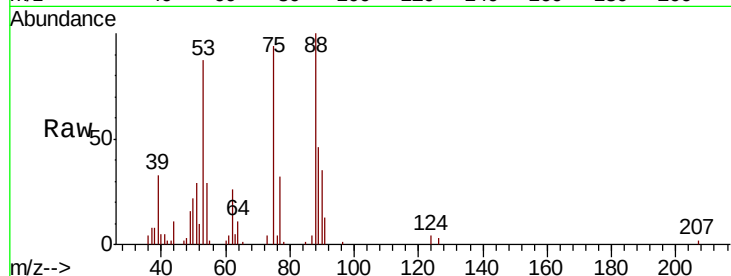
Tot Ion: 75 Resp: 7384

Ion Ratio Lower Upper

75 100

53 94.4 67.4 101.2

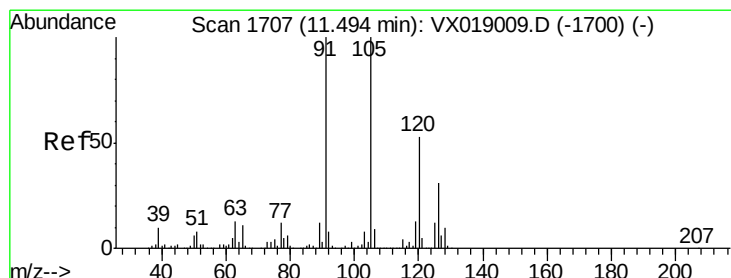
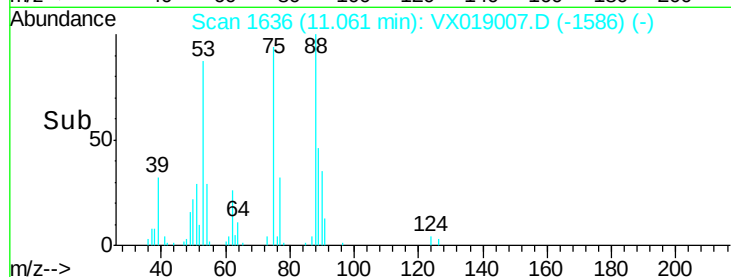
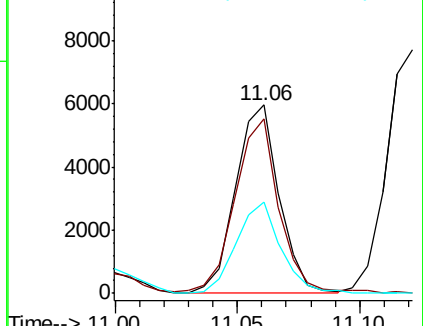
89 49.7 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.293 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019007.D

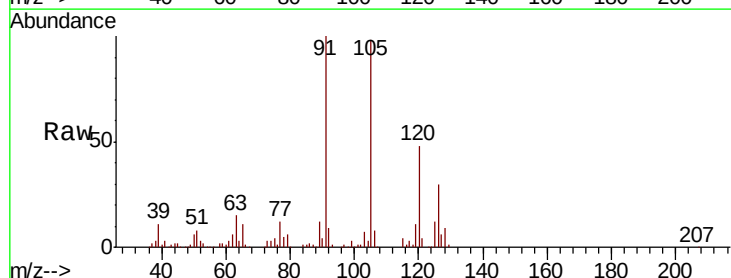
Acq: 21 Oct 2020 18:23

Tgt Ion: 91 Resp: 56143

Ion Ratio Lower Upper

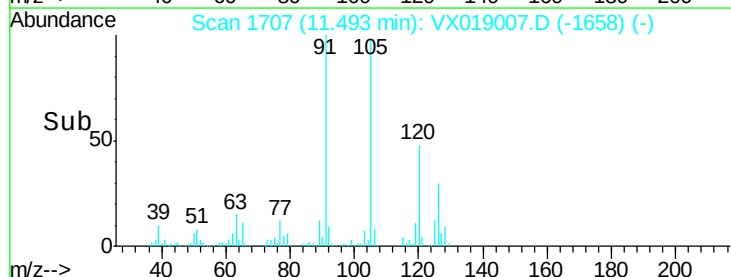
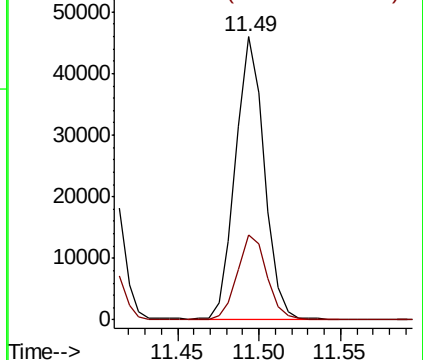
91 100

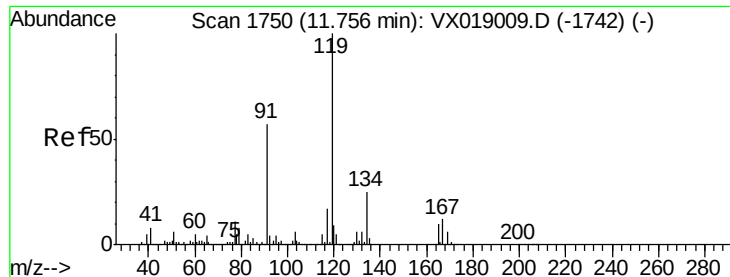
126 31.1 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

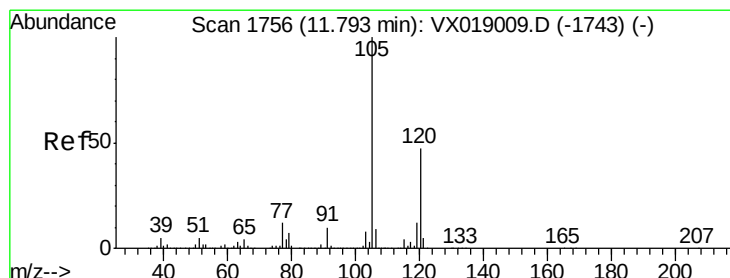
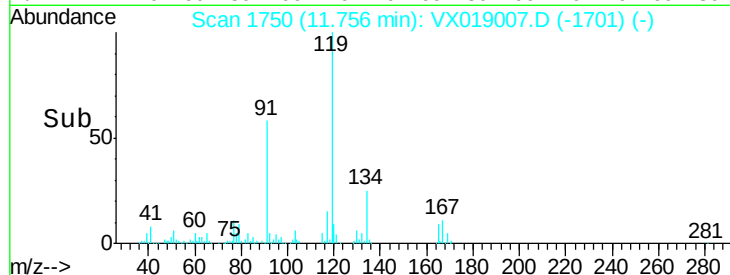
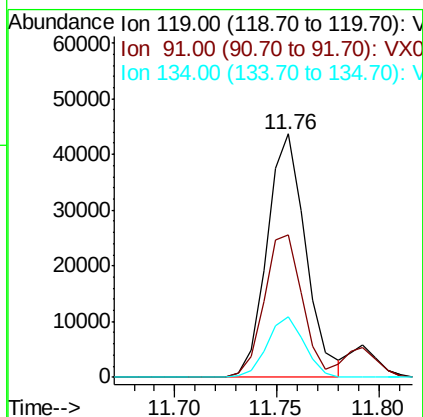
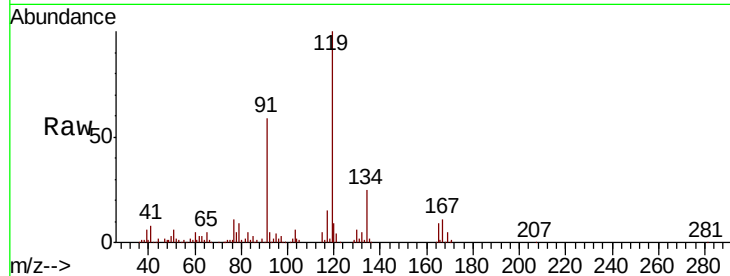




#83
 tert-Butylbenzene
 Concen: 5.246 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

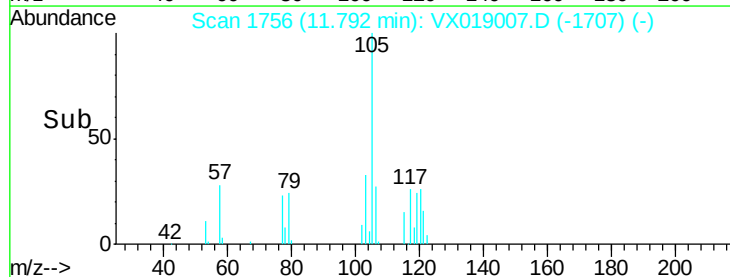
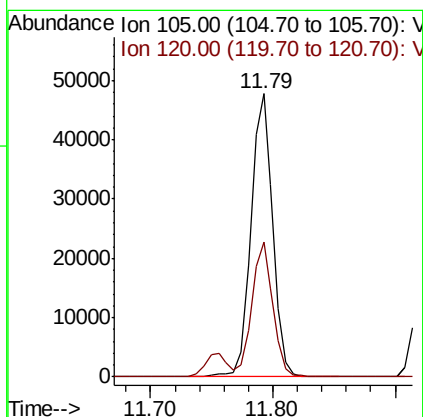
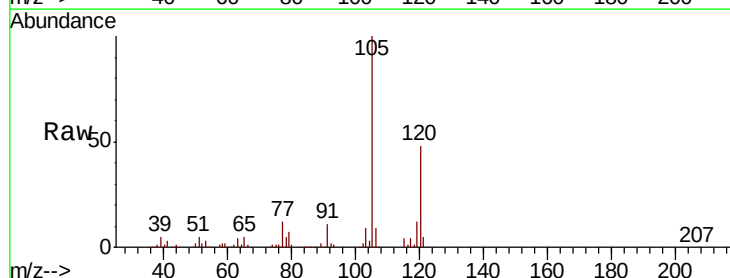
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

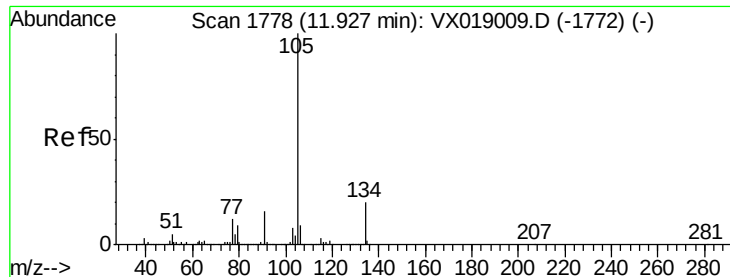
Tot Ion:119 Resp: 57550
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.1 84.4
 134 24.0 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.292 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion:105 Resp: 59012
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 5.357 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

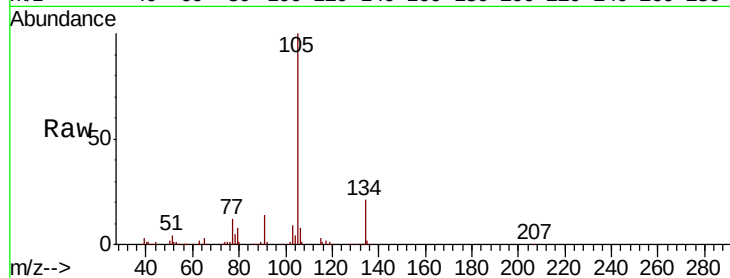
VSTDIC005

Tot Ion:105 Resp: 71117

Ion Ratio Lower Upper

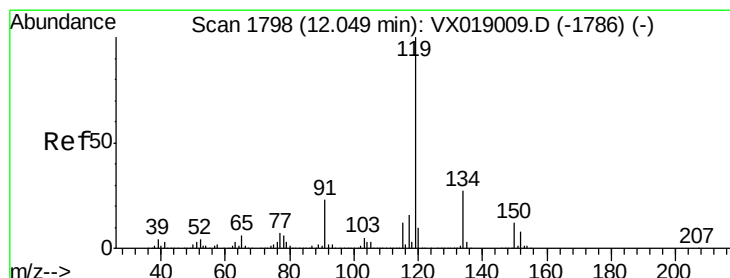
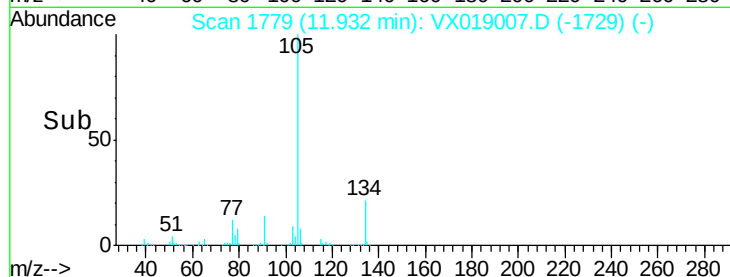
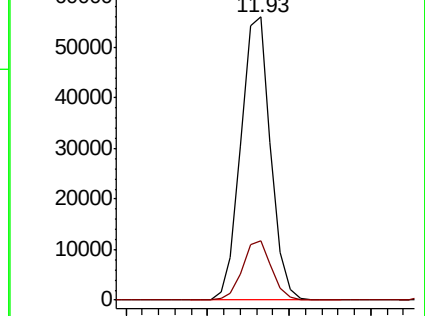
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.181 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

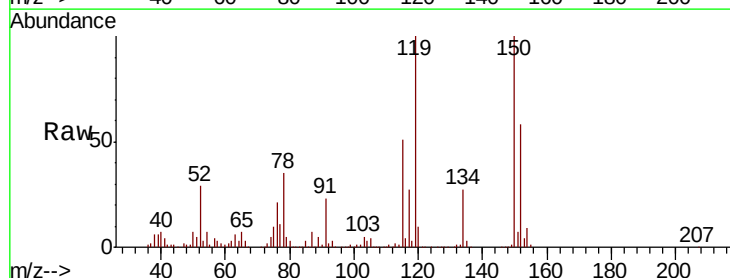
Tgt Ion:119 Resp: 62836

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

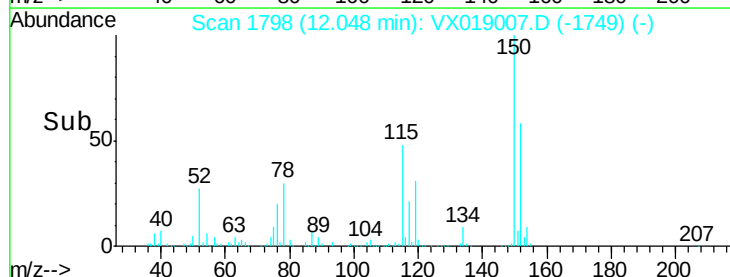
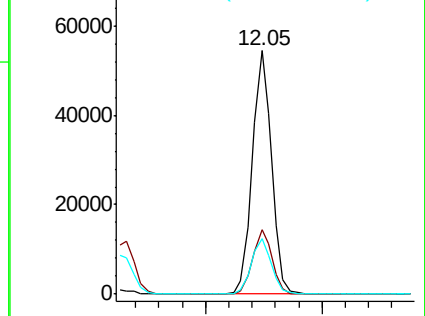
91 23.7 11.4 34.2

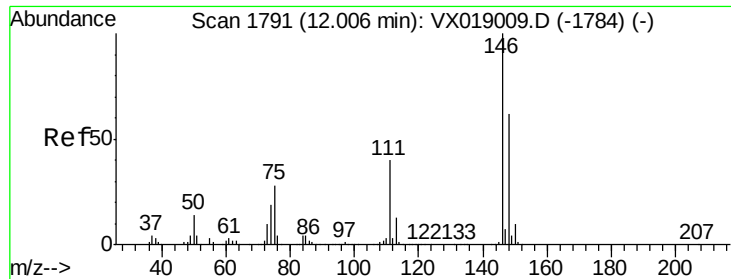


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

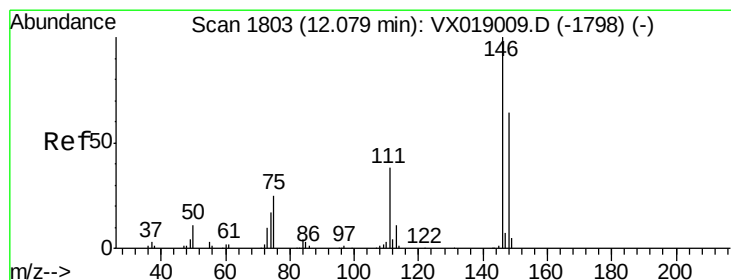
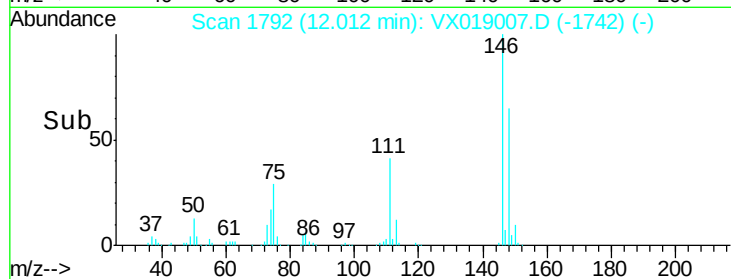
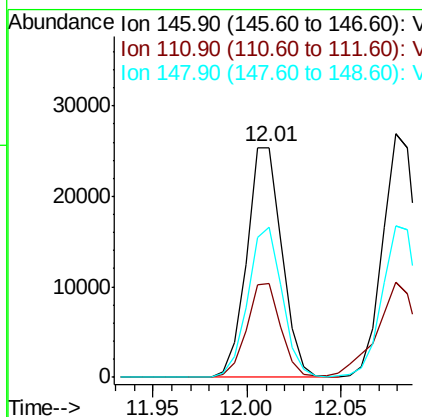
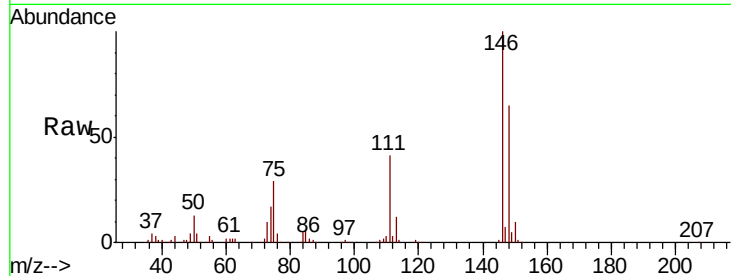




#87
 1,3-Dichlorobenzene
 Concen: 5.274 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

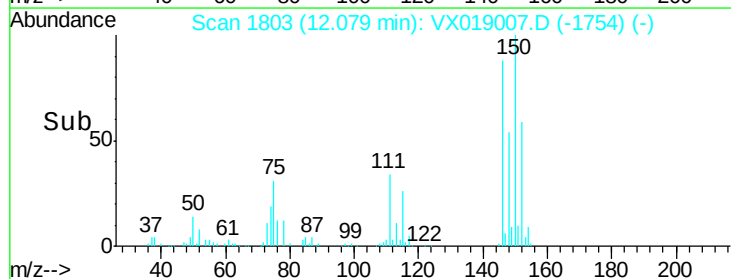
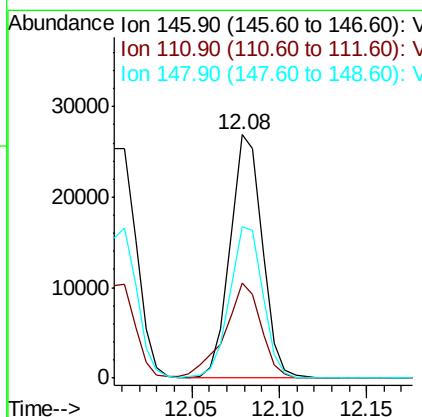
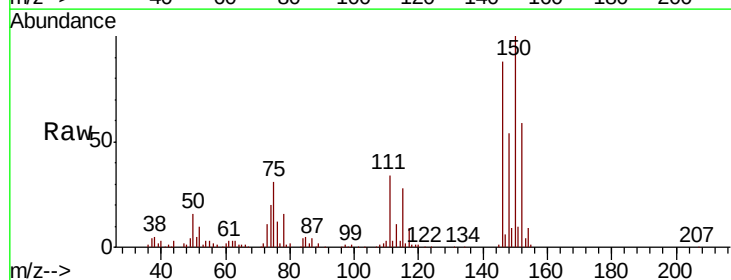
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

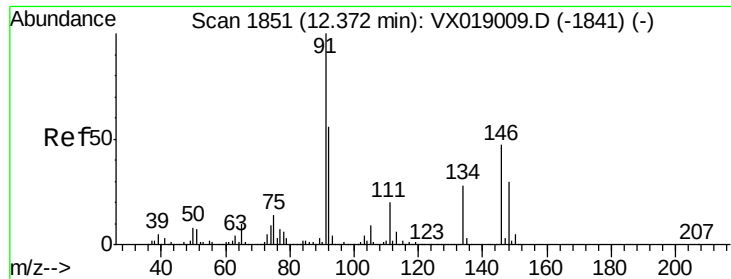
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	63.5	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.376 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	19.4	58.2
148	64.7	32.2	96.6

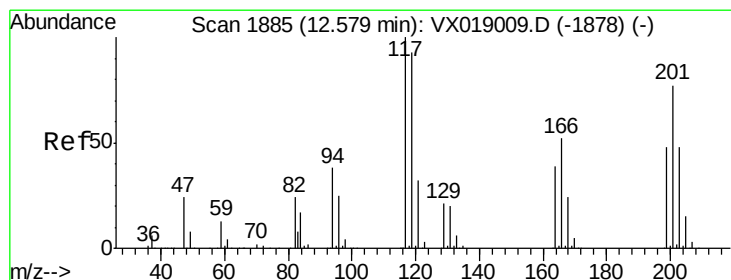
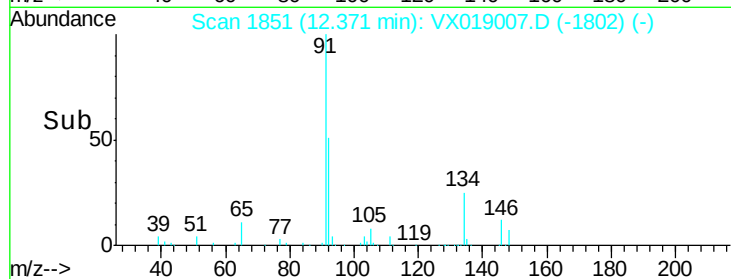
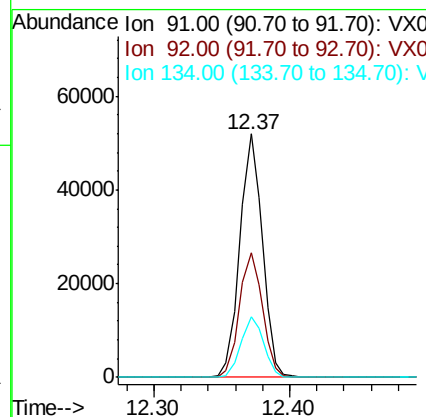
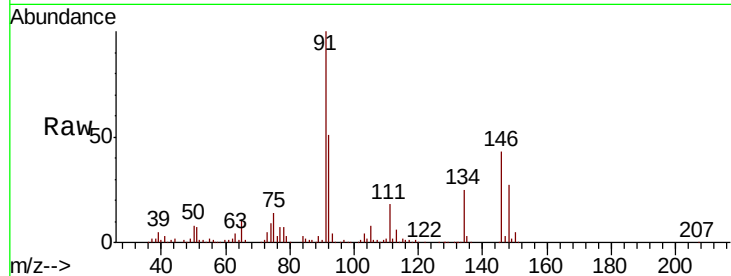




#89
n-Butylbenzene
Concen: 5.395 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

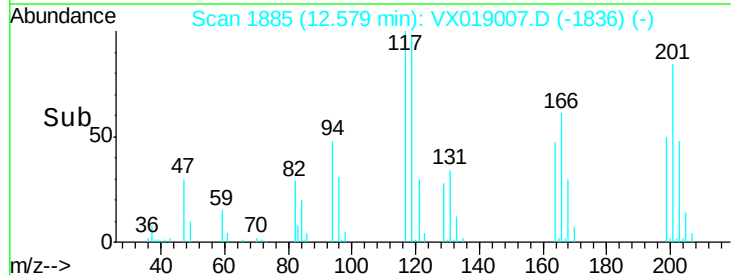
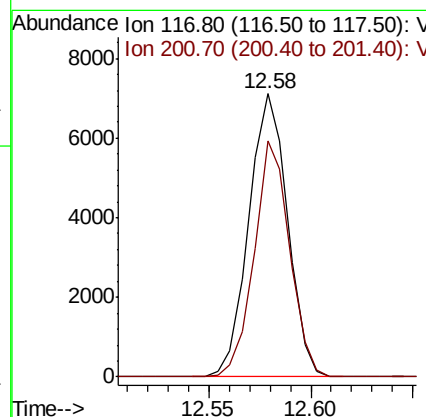
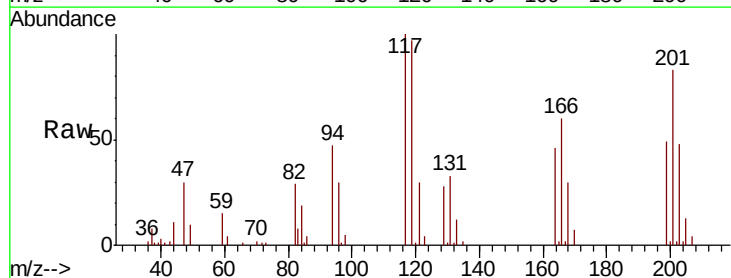
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

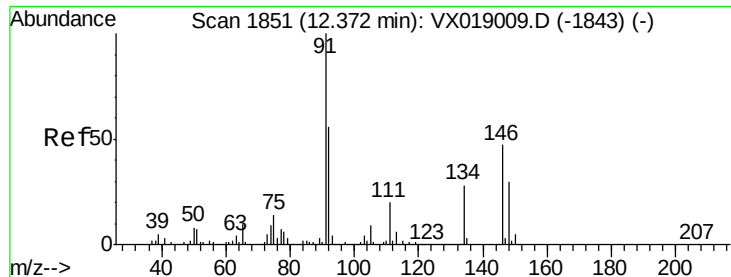
Tot Ion: 91 Resp: 59898
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 25.2 13.6 40.7



#90
Hexachloroethane
Concen: 5.047 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 117 Resp: 9372
Ion Ratio Lower Upper
117 100
201 76.7 37.1 111.3

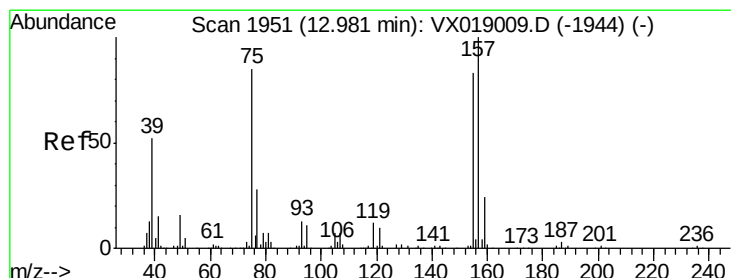
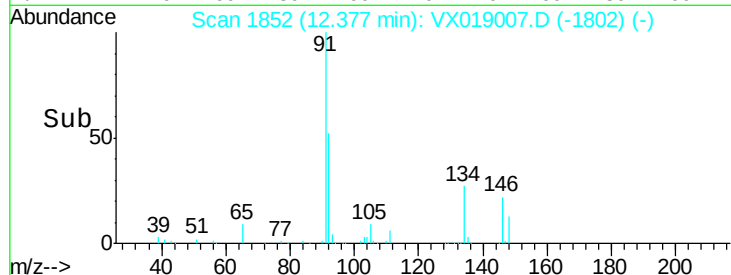
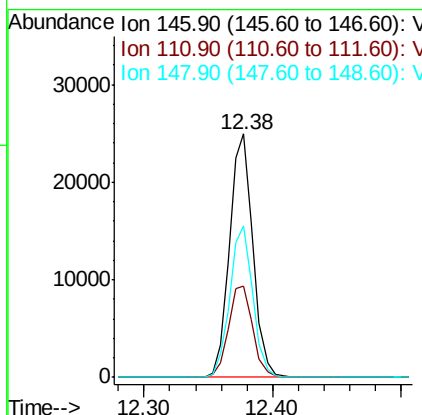
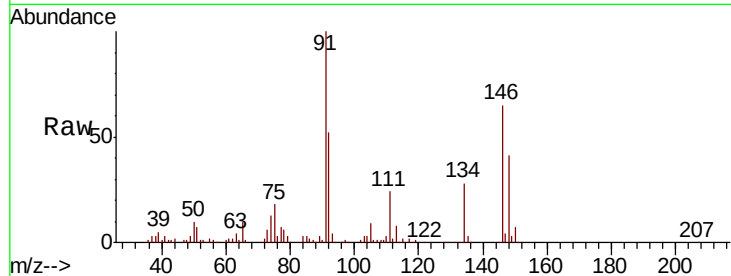




#91
 1,2-Dichlorobenzene
 Concen: 5.449 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

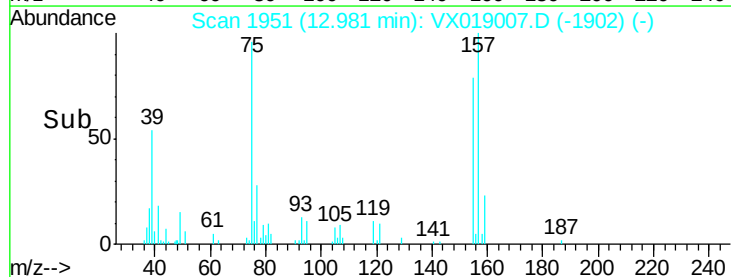
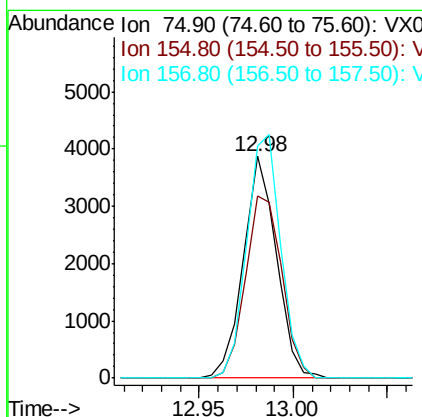
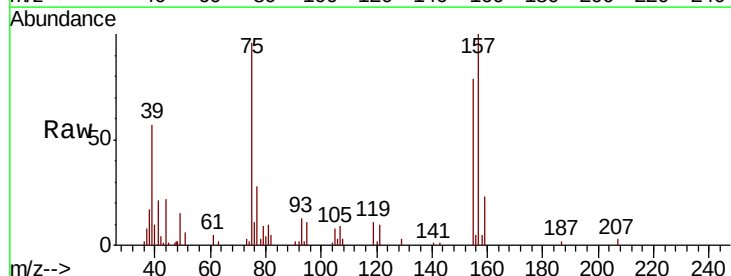
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

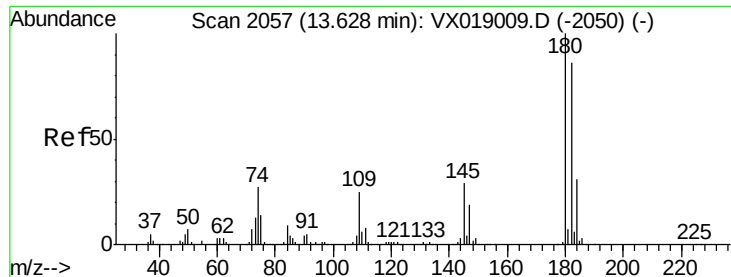
Tot Ion:146 Resp: 31739
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 61.6 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.125 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion: 75 Resp: 4741
 Ion Ratio Lower Upper
 75 100
 155 90.0 47.3 142.0
 157 112.2 59.7 179.0

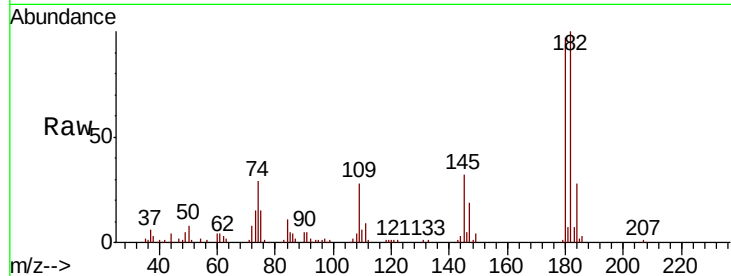




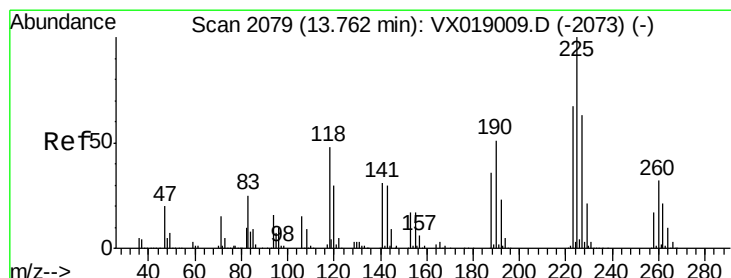
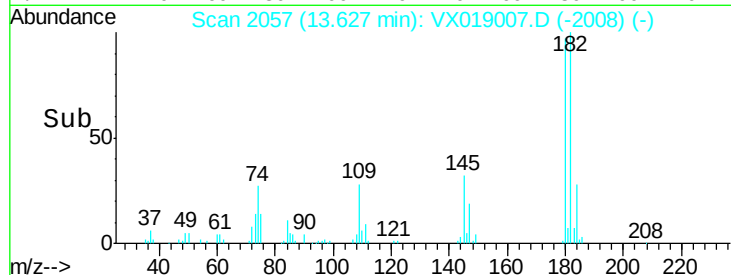
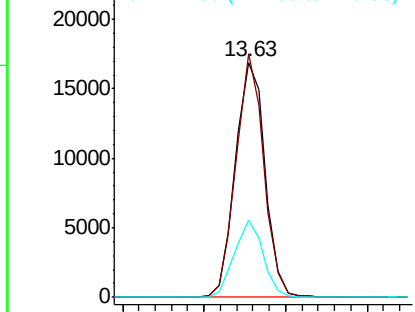
#93
1,2,4-Trichlorobenzene
Concen: 5.007 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:180 Resp: 21338
Ion Ratio Lower Upper
180 100
182 97.1 46.4 139.2
145 32.0 15.2 45.6

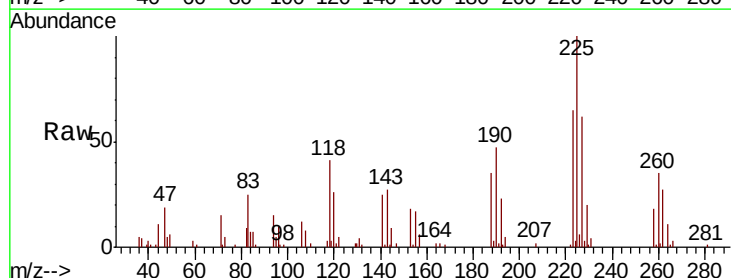


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

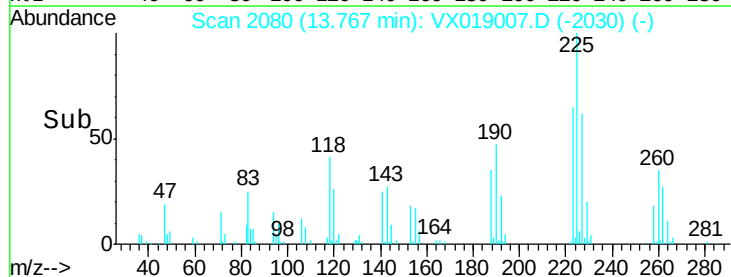
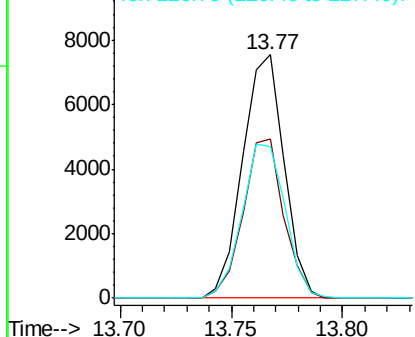


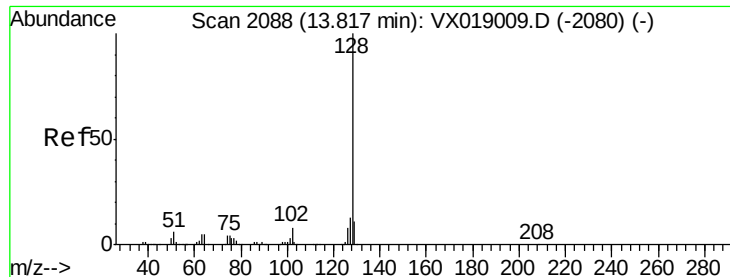
#94
Hexachlorobutadiene
Concen: 4.970 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:225 Resp: 9819
Ion Ratio Lower Upper
225 100
223 63.9 32.5 97.4
227 65.8 31.9 95.7



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

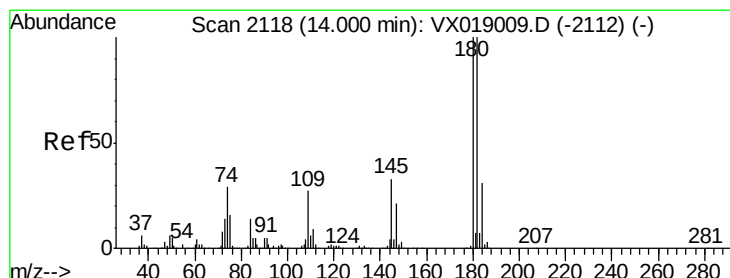
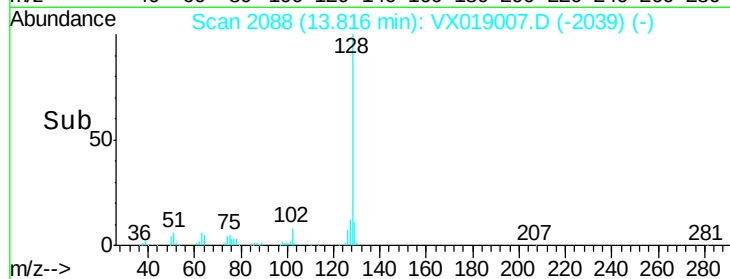
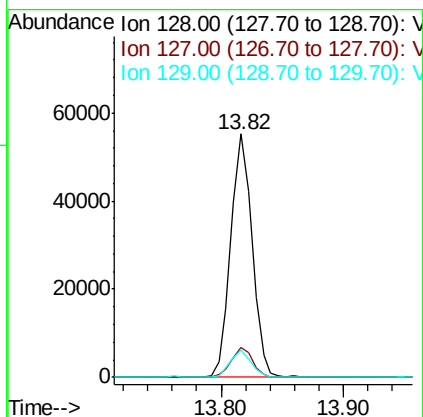
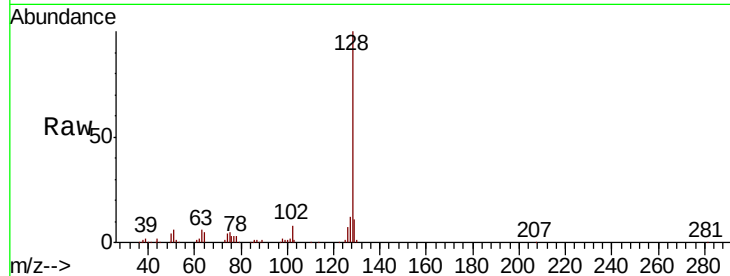




#95
Naphthalene
Concen: 4.977 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 66725
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.989 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:180 Resp: 20695
Ion Ratio Lower Upper
180 100
182 93.7 47.3 142.0
145 32.5 15.9 47.6

