

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019130.D
 Acq On : 27 Oct 2020 11:30
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 27 13:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	305880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	496201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	7368	2.01	ug/l	0.00
Spiked Amount			Recovery	=	4.02%	
35) Dibromofluoromethane	5.46	113	5300	1.74	ug/l	0.00
Spiked Amount			Recovery	=	3.48%	
50) Toluene-d8	8.70	98	18110	1.54	ug/l	0.00
Spiked Amount			Recovery	=	3.08%	
62) 4-Bromofluorobenzene	11.12	95	6605	1.58	ug/l	0.00
Spiked Amount			Recovery	=	3.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	2341	0.964	ug/l	95
3) Chloromethane	1.31	50	3079	1.177	ug/l	97
4) Vinyl Chloride	1.39	62	3187	0.975	ug/l	97
5) Bromomethane	1.64	94	3396	1.645	ug/l	96
6) Chloroethane	1.71	64	2015	0.914	ug/l	98
7) Trichlorofluoromethane	1.92	101	4682	0.843	ug/l	89
8) Diethyl Ether	2.17	74	1816	0.830	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2528	0.895	ug/l	95
10) Methyl Iodide	2.50	142	1970	0.631	ug/l	97
11) Tert butyl alcohol	3.02	59	4284	5.711	ug/l	94
12) 1,1-Dichloroethene	2.36	96	2897	1.013	ug/l	96
13) Acrolein	2.27	56	2573	7.071	ug/l	99
14) Allyl chloride	2.71	41	4465	1.175	ug/l	95
15) Acrylonitrile	3.12	53	7865	5.219	ug/l	99
16) Acetone	2.42	43	7151	5.909	ug/l	93
17) Carbon Disulfide	2.55	76	12211	1.542	ug/l	97
18) Methyl Acetate	2.75	43	3209	1.079	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	9183	0.930	ug/l	98
20) Methylene Chloride	2.84	84	3683	1.072	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	3618	1.077	ug/l	93
22) Diisopropyl ether	3.82	45	7955	0.991	ug/l #	66
23) Vinyl Acetate	3.78	43	34520	4.885	ug/l	96
24) 1,1-Dichloroethane	3.67	63	4992	0.952	ug/l	95
25) 2-Butanone	4.64	43	10123	5.244	ug/l	93
26) 2,2-Dichloropropane	4.55	77	4917	0.996	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	3675	0.972	ug/l	97
28) Bromochloromethane	4.98	49	2576	1.135	ug/l #	94
29) Tetrahydrofuran	5.10	42	5727	4.661	ug/l	98
30) Chloroform	5.18	83	5294	0.911	ug/l	98
31) Cyclohexane	5.54	56	4197	0.904	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	4754	0.917	ug/l #	50
36) 1,1-Dichloropropene	5.77	75	4596	1.056	ug/l	98
37) Ethyl Acetate	4.79	43	3843	1.001	ug/l #	95
38) Carbon Tetrachloride	5.76	117	4241	0.947	ug/l	99

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Instrument :
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 ClientSampleId :
 VSTDIC001

Quant Time: Oct 27 13:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	4845	0.908	ug/l	92
40) Benzene	6.10	78	11903	0.933	ug/l	96
41) Methacrylonitrile	5.00	41	2283	1.152	ug/l #	64
42) 1,2-Dichloroethane	6.17	62	4517	1.036	ug/l	96
43) Isopropyl Acetate	6.41	43	6672	1.062	ug/l	96
44) Trichloroethene	7.18	130	3651	1.000	ug/l	91
45) 1,2-Dichloropropane	7.48	63	2788	0.929	ug/l	89
46) Dibromomethane	7.63	93	2322	1.027	ug/l	99
47) Bromodichloromethane	7.87	83	4023	0.910	ug/l	93
48) Methyl methacrylate	7.75	41	3104	1.048	ug/l	95
49) 1,4-Dioxane	7.73	88	1272	16.647	ug/l #	79
51) 4-Methyl-2-Pentanone	8.62	43	17262	4.705	ug/l	97
52) Toluene	8.76	92	7515	0.911	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	4970	1.017	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	5060	0.973	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	2922	0.890	ug/l #	87
56) Ethyl methacrylate	9.16	69	3965	0.836	ug/l #	90
57) 1,3-Dichloropropane	9.35	76	5182	0.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	14555	5.666	ug/l	98
59) 2-Hexanone	9.47	43	13153	4.713	ug/l	98
60) Dibromochloromethane	9.56	129	2894	0.827	ug/l	96
61) 1,2-Dibromoethane	9.65	107	3305	0.948	ug/l	97
64) Tetrachloroethene	9.32	164	3450	1.037	ug/l	87
65) Chlorobenzene	10.12	112	8629	0.990	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	2741	0.880	ug/l #	66
67) Ethyl Benzene	10.23	91	14865	0.975	ug/l	96
68) m/p-Xylenes	10.34	106	10595	1.808	ug/l	94
69) o-Xylene	10.68	106	5042	0.898	ug/l	100
70) Styrene	10.70	104	8599	0.919	ug/l	99
71) Bromoform	10.84	173	2077	0.846	ug/l #	100
73) Isopropylbenzene	11.00	105	13491	0.953	ug/l	100
74) N-amyl acetate	10.88	43	4669	1.017	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	4214	0.953	ug/l	97
76) 1,2,3-Trichloropropane	11.27	75	5051	1.283	ug/l	93
77) Bromobenzene	11.24	156	3615	1.019	ug/l	90
78) n-propylbenzene	11.34	91	15528	0.977	ug/l	97
79) 2-Chlorotoluene	11.41	91	9402	1.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	11605	0.993	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	1394	0.936	ug/l	86
82) 4-Chlorotoluene	11.49	91	12329	1.114	ug/l	98
83) tert-Butylbenzene	11.76	119	10190	0.892	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	11748	0.994	ug/l	96
85) sec-Butylbenzene	11.93	105	12948	0.945	ug/l	100
86) p-Isopropyltoluene	12.05	119	11677	0.920	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	6933	1.056	ug/l	92
88) 1,4-Dichlorobenzene	12.01	146	6933	1.014	ug/l	92
89) n-Butylbenzene	12.37	91	11808	1.021	ug/l	99
90) Hexachloroethane	12.57	117	1821	0.858	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	6462	1.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1066	1.091	ug/l	94

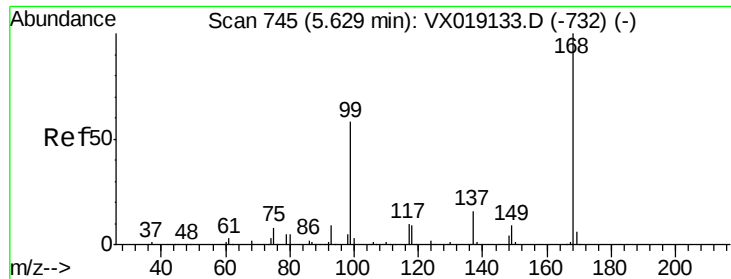
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019130.D
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Sample : VSTDICC001
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Oct 27 13:18:45 2020
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	5743	1.282	ug/l	98
94) Hexachlorobutadiene	13.76	225	2764	1.389	ug/l	95
95) Naphthalene	13.82	128	16895	1.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	5644	1.284	ug/l	97

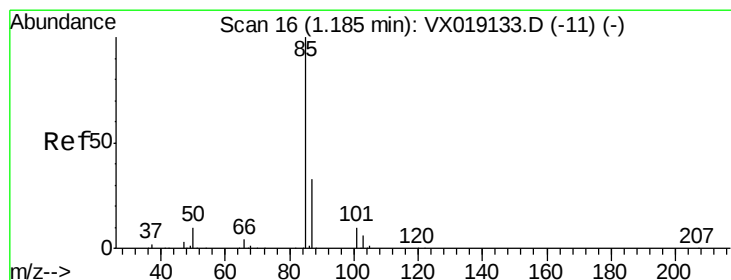
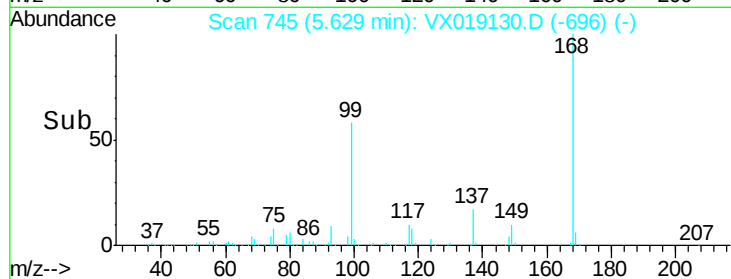
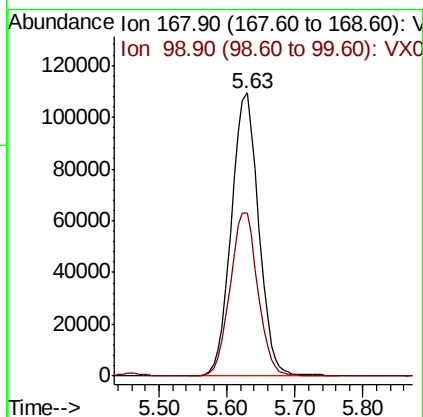
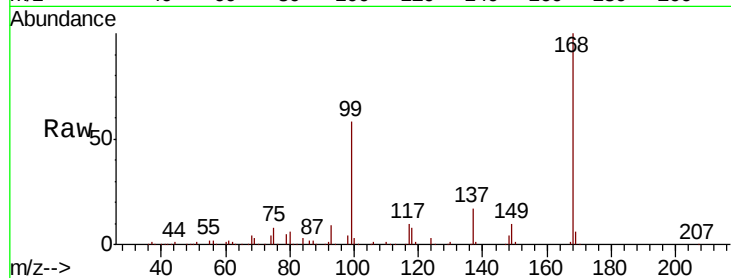
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

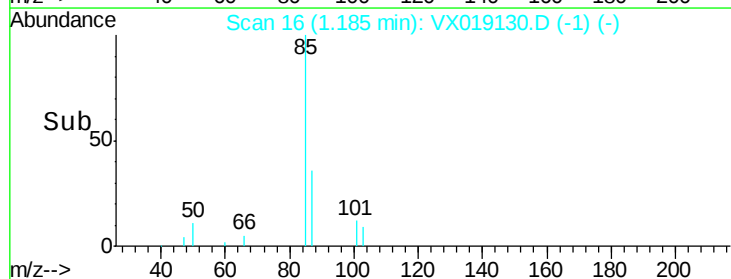
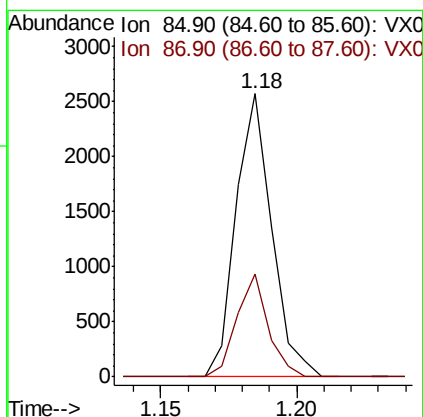
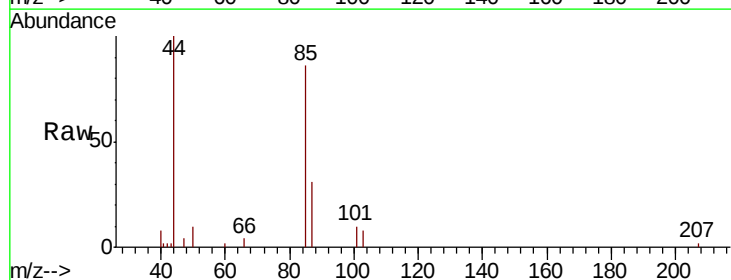
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

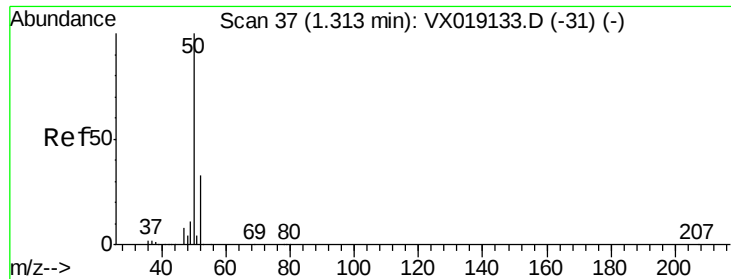
Tot Ion:168 Resp: 305880
Ion Ratio Lower Upper
168 100
99 57.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 0.964 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 85 Resp: 2341
Ion Ratio Lower Upper
85 100
87 36.2 16.6 49.7





#3

Chloromethane

Concen: 1.177 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

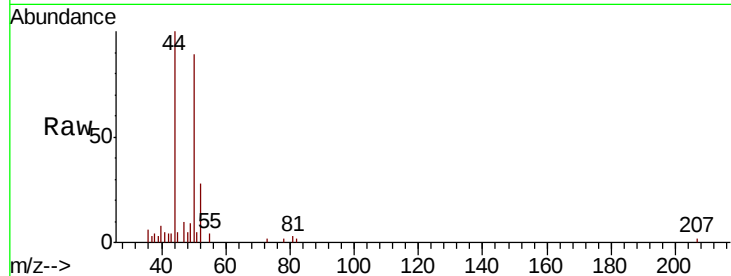
VSTDIC001

Tot Ion: 50 Resp: 3079

Ion Ratio Lower Upper

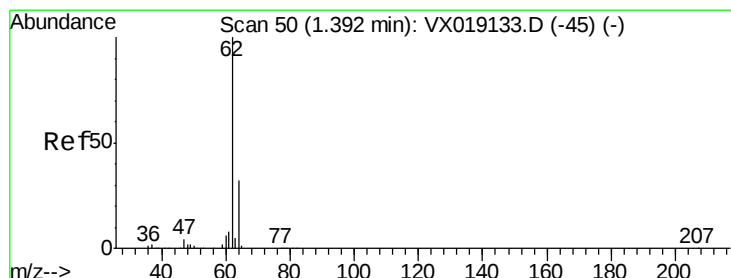
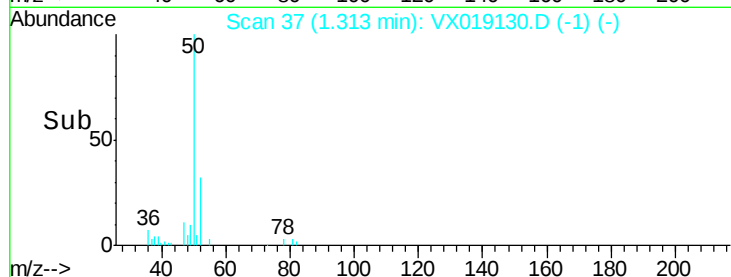
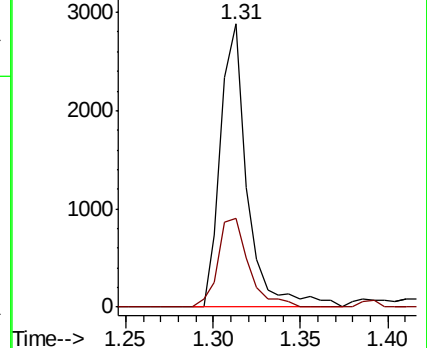
50 100

52 31.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.975 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019130.D

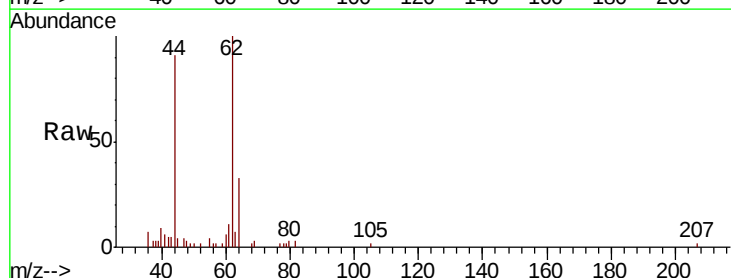
Acq: 27 Oct 2020 11:30

Tgt Ion: 62 Resp: 3187

Ion Ratio Lower Upper

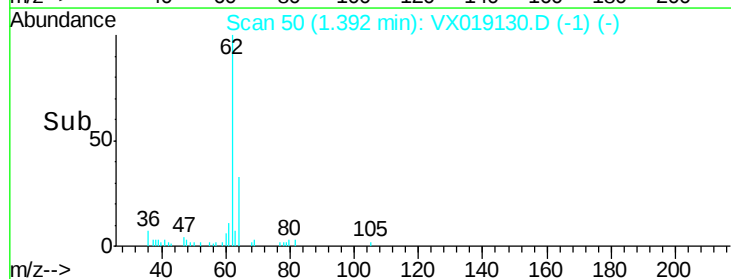
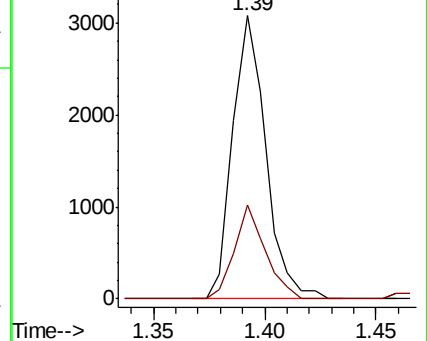
62 100

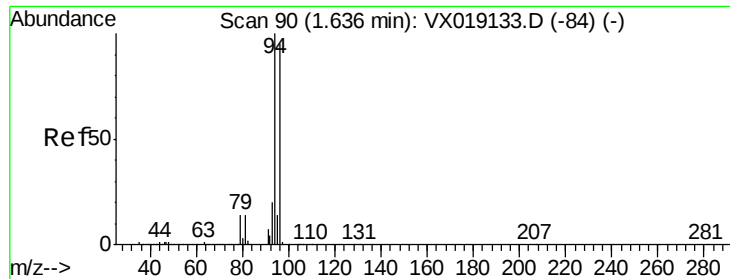
64 33.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.645 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

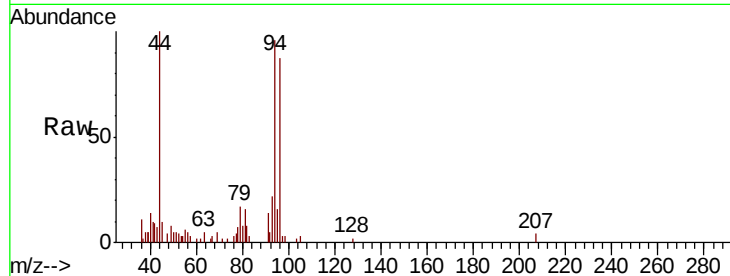
VSTDIC001

Tot Ion: 94 Resp: 3396

Ion Ratio Lower Upper

94 100

96 91.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

3000

2500

2000

1500

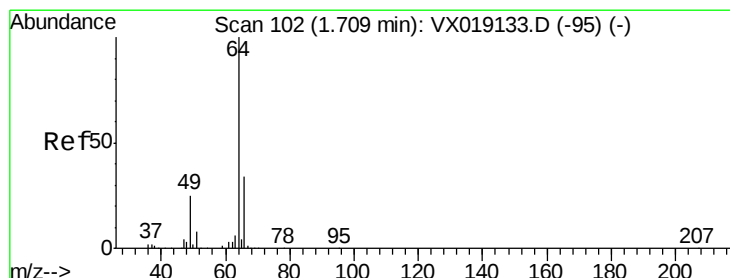
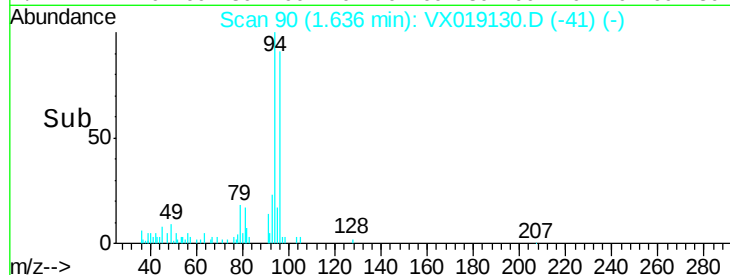
1000

500

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 0.914 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019130.D

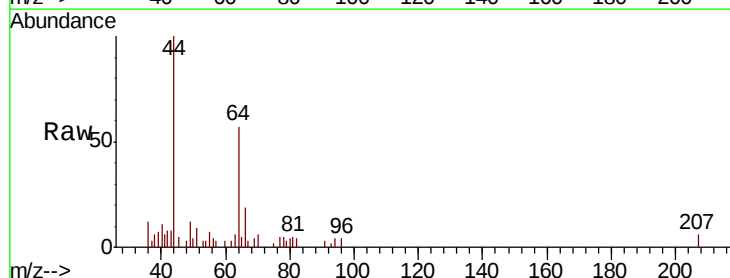
Acq: 27 Oct 2020 11:30

Tgt Ion: 64 Resp: 2015

Ion Ratio Lower Upper

64 100

66 33.0 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

1500

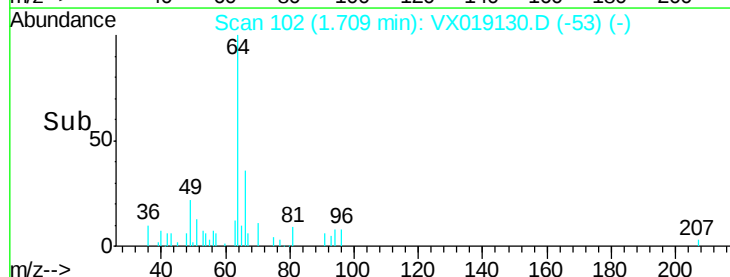
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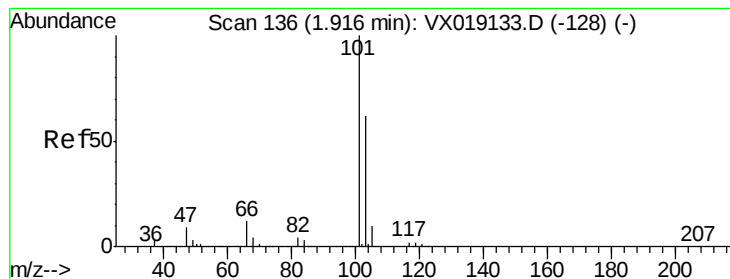
500

0

Time-->

1.65 1.70 1.75





#7

Trichlorofluoromethane

Concen: 0.843 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

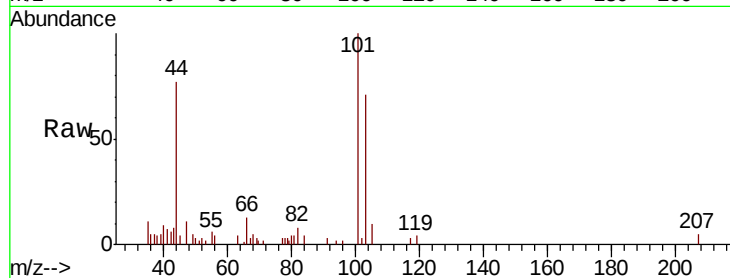
VSTDIC001

Tot Ion:101 Resp: 4682

Ion Ratio Lower Upper

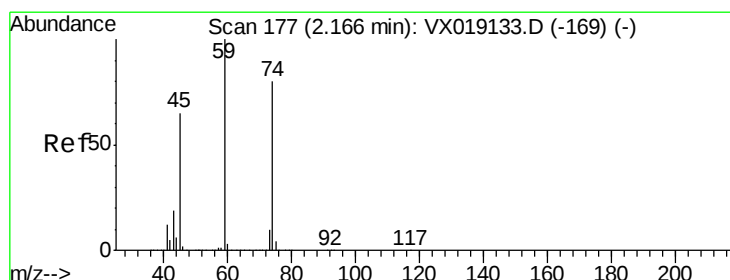
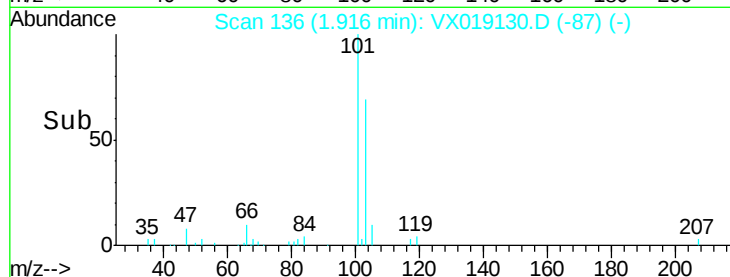
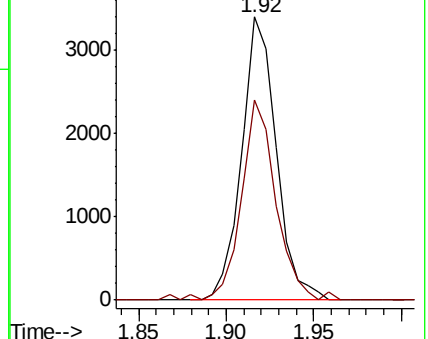
101 100

103 70.8 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.830 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019130.D

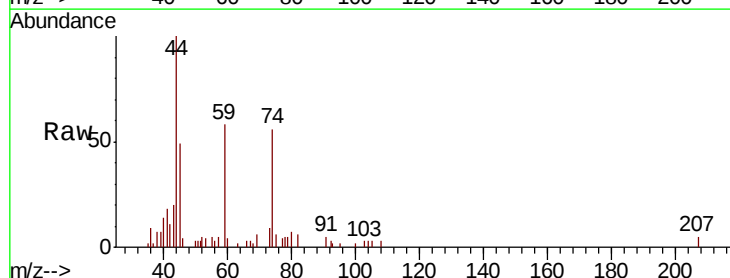
Acq: 27 Oct 2020 11:30

Tgt Ion: 74 Resp: 1816

Ion Ratio Lower Upper

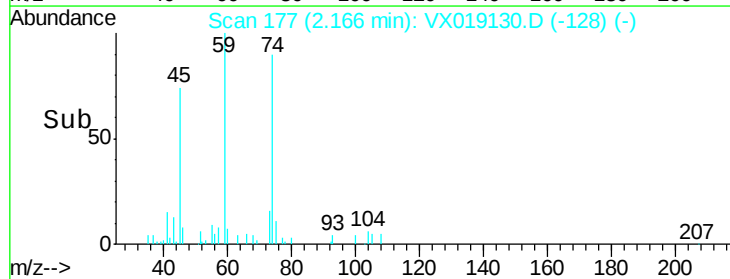
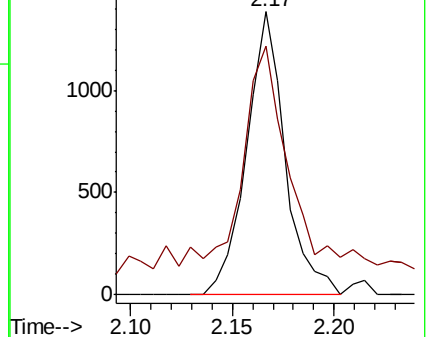
74 100

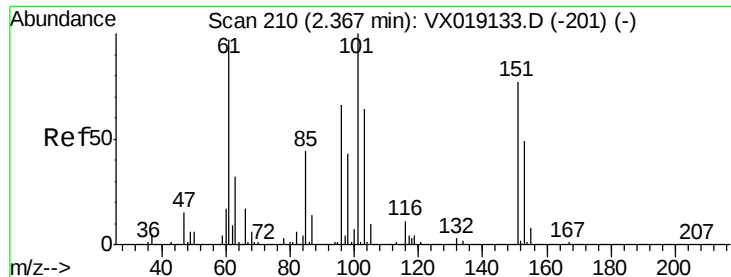
45 106.8 41.0 123.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.895 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

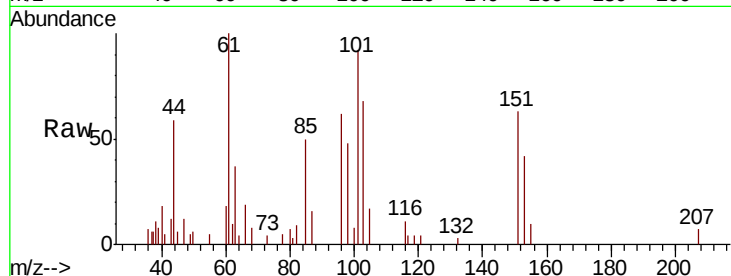
Tot Ion:101 Resp: 2528

Ion Ratio Lower Upper

101 100

85 49.3 35.0 52.4

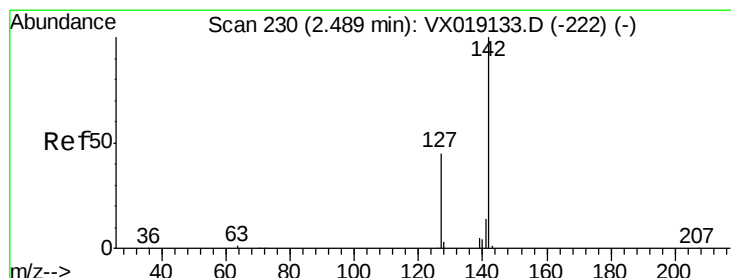
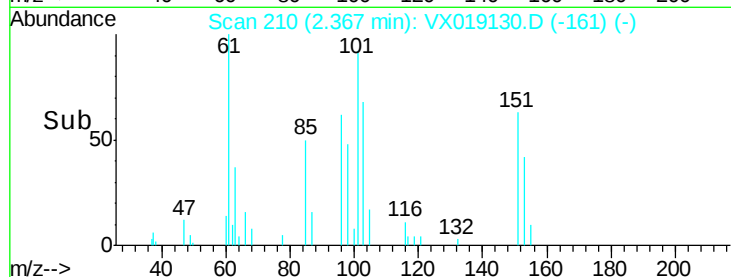
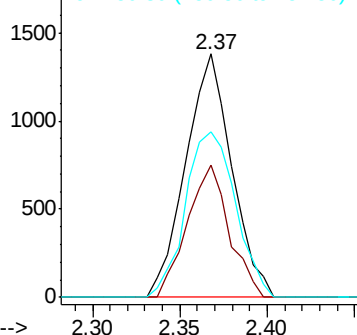
151 74.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.631 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

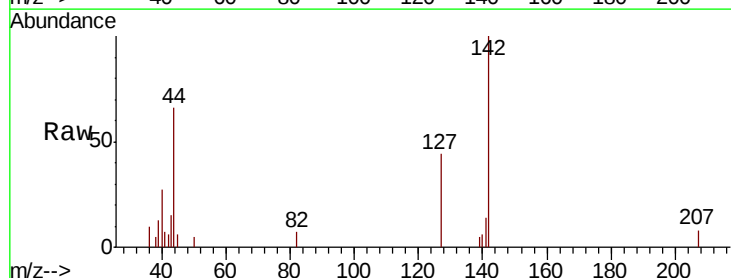
Tgt Ion:142 Resp: 1970

Ion Ratio Lower Upper

142 100

127 43.0 36.1 54.1

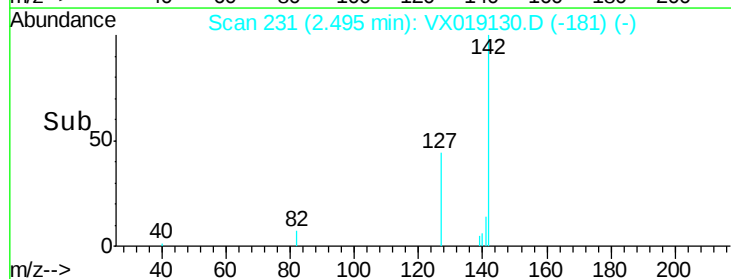
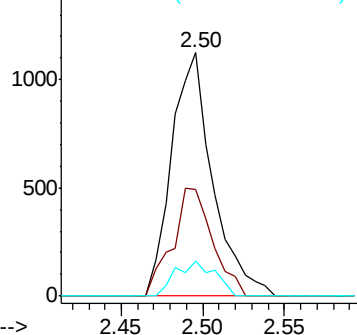
141 13.8 11.3 16.9

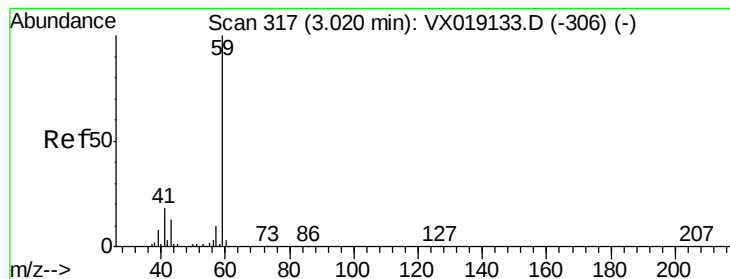


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



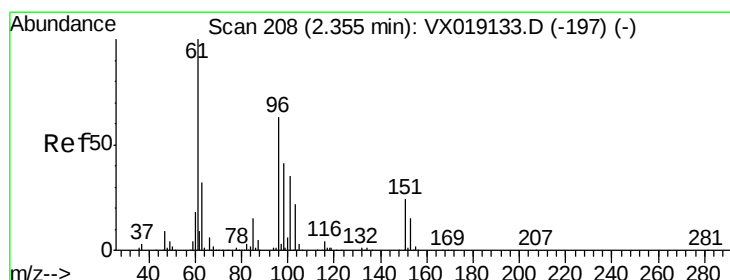
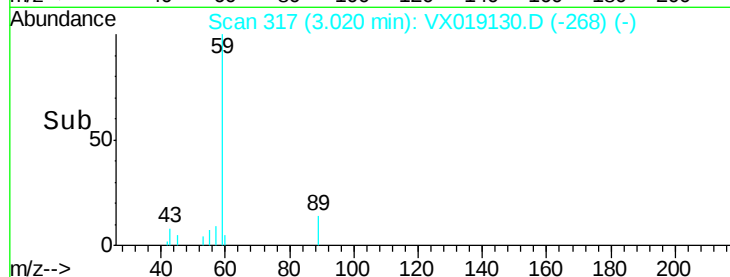
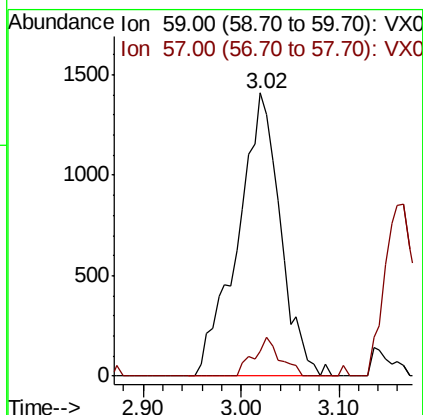
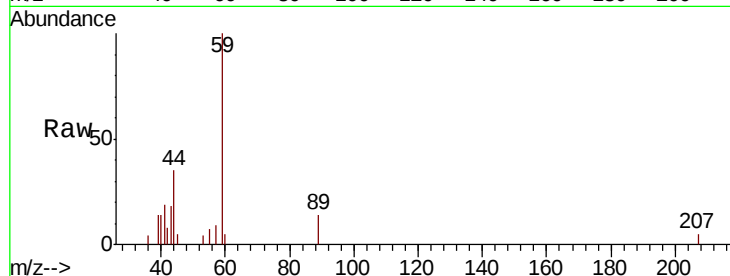


#11

Tert butyl alcohol
Concen: 5.711 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

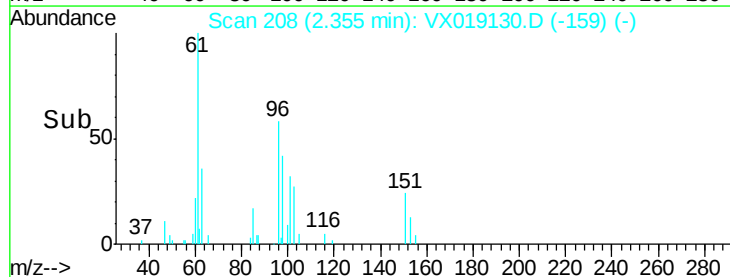
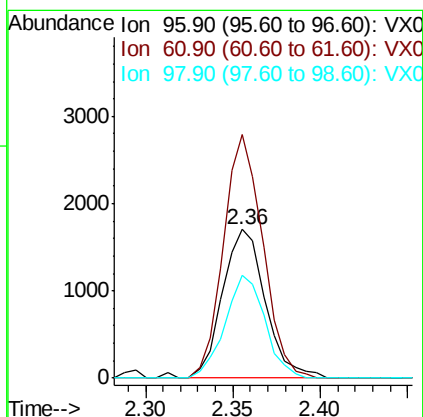
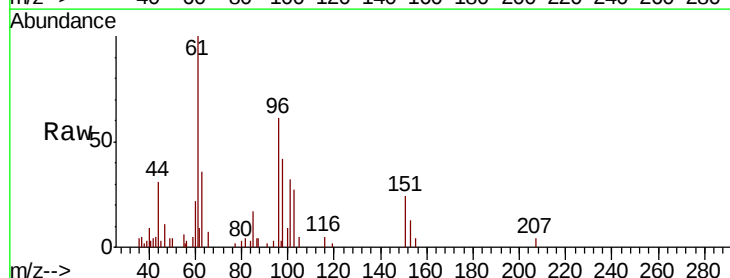
Tot Ion: 59 Resp: 4284
Ion Ratio Lower Upper
59 100
57 8.4 8.4 12.6

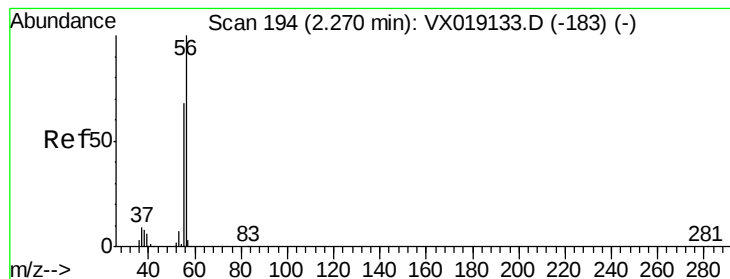


#12

1,1-Dichloroethene
Concen: 1.013 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 96 Resp: 2897
Ion Ratio Lower Upper
96 100
61 163.8 127.7 191.5
98 69.2 52.1 78.1





#13

Acrolein

Concen: 7.071 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

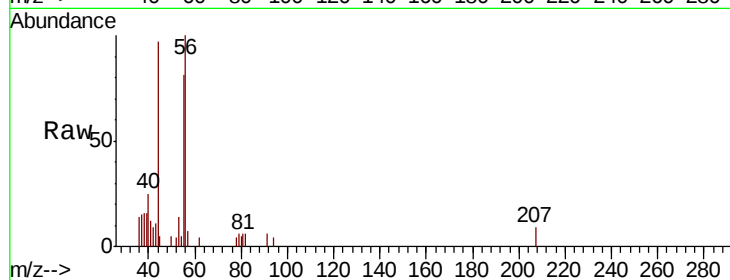
VSTDIC001

Tot Ion: 56 Resp: 2573

Ion Ratio Lower Upper

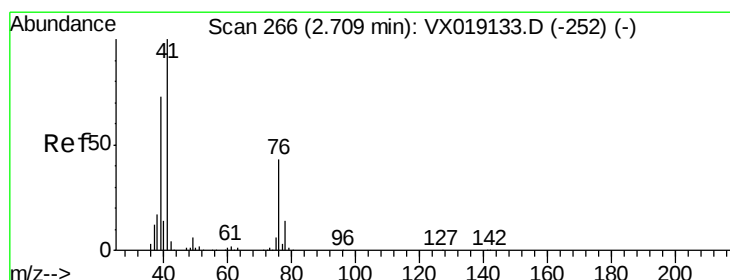
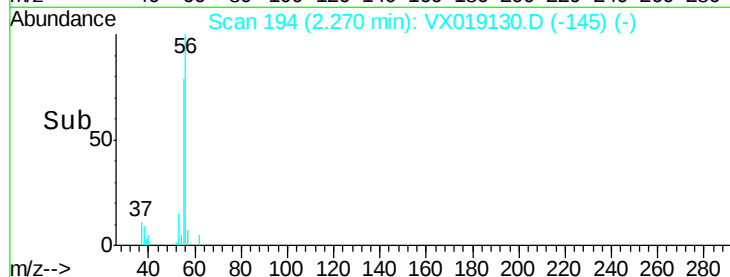
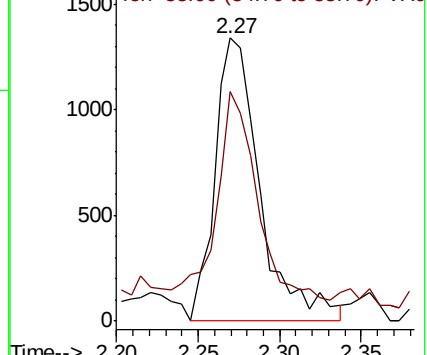
56 100

55 69.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.175 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

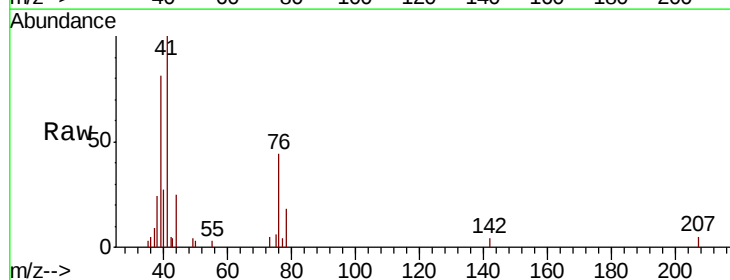
Tgt Ion: 41 Resp: 4465

Ion Ratio Lower Upper

41 100

39 73.0 55.2 82.8

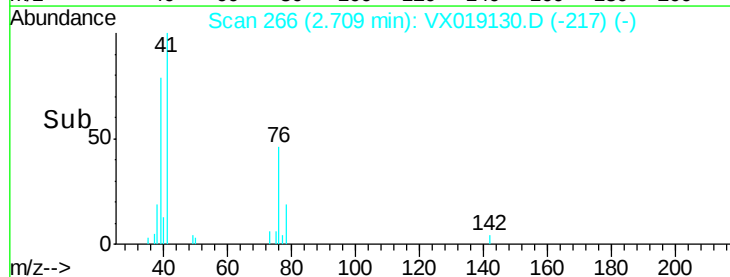
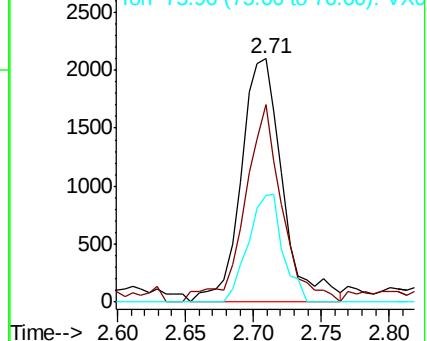
76 36.9 31.5 47.3

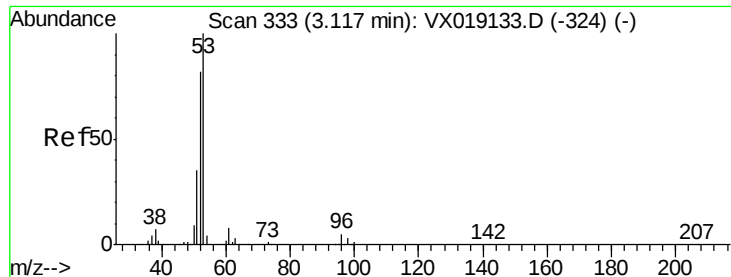


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.219 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

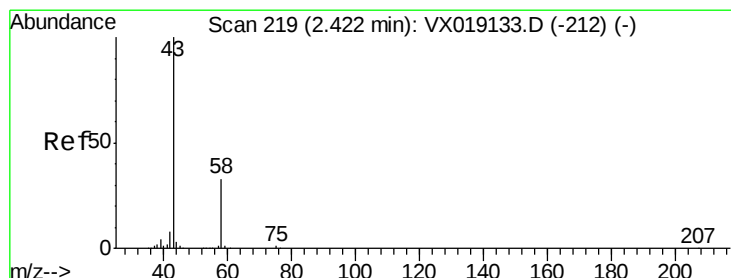
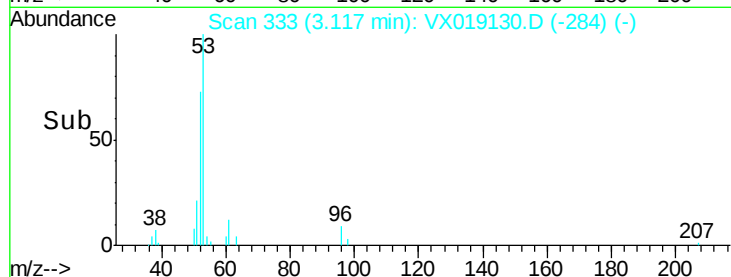
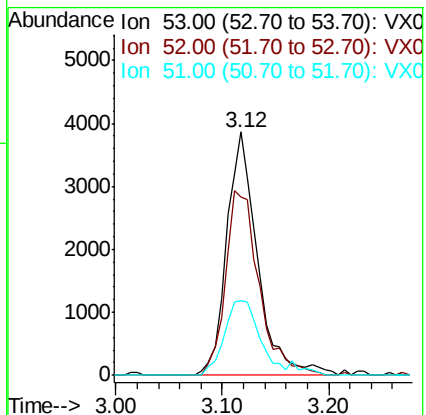
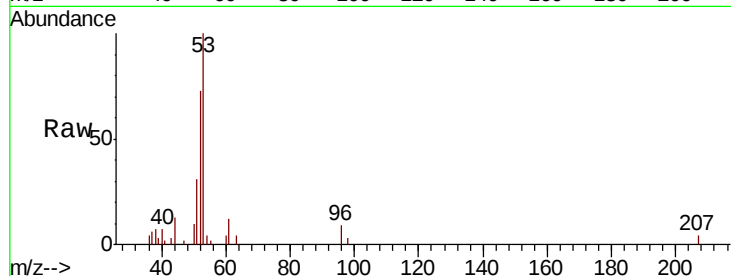
Tot Ion: 53 Resp: 7865

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 35.0 28.4 42.6



#16

Acetone

Concen: 5.909 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019130.D

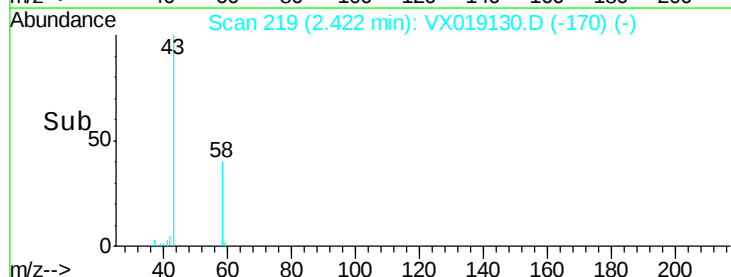
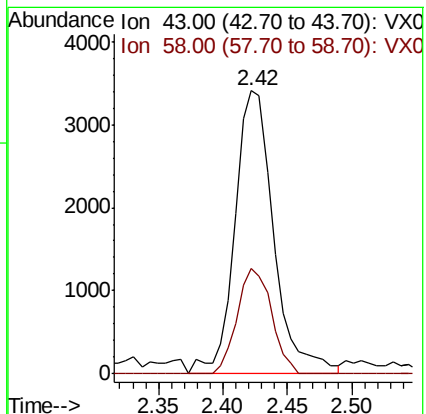
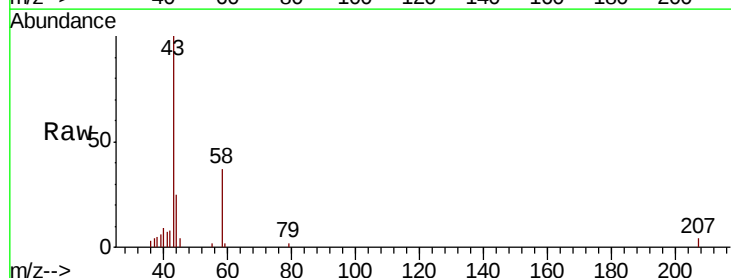
Acq: 27 Oct 2020 11:30

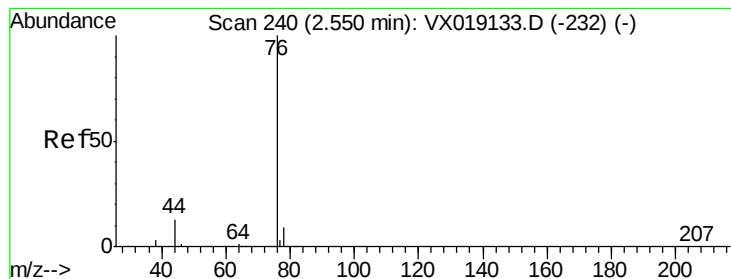
Tgt Ion: 43 Resp: 7151

Ion Ratio Lower Upper

43 100

58 37.1 26.3 39.5





#17

Carbon Disulfide

Concen: 1.542 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

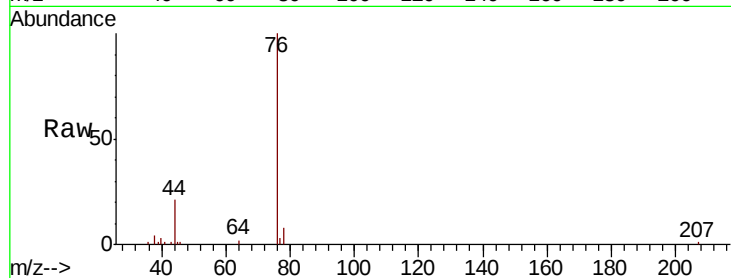
VSTDIC001

Tot Ion: 76 Resp: 12211

Ion Ratio Lower Upper

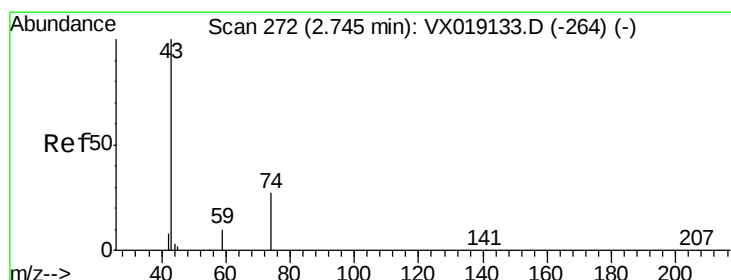
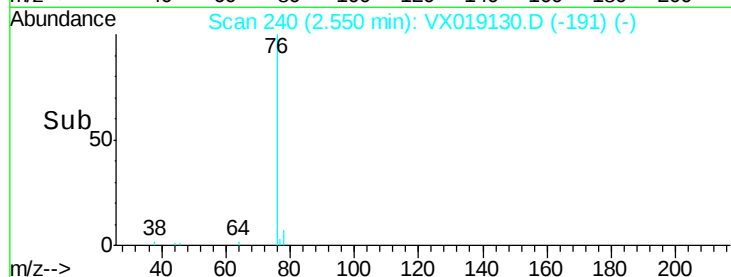
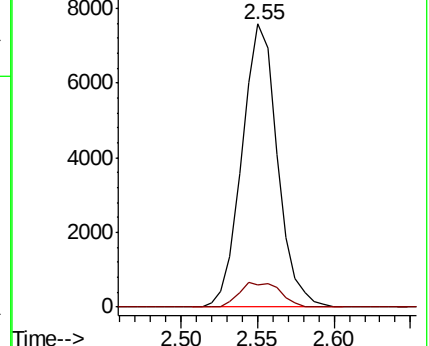
76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.079 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019130.D

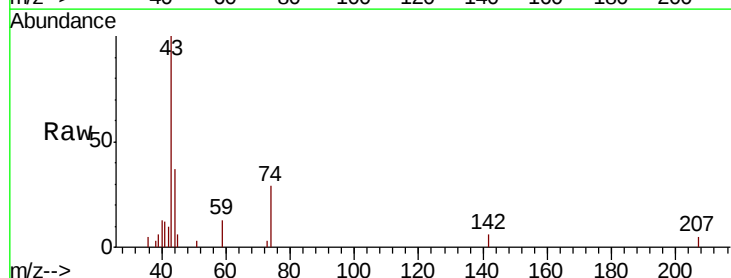
Acq: 27 Oct 2020 11:30

Tgt Ion: 43 Resp: 3209

Ion Ratio Lower Upper

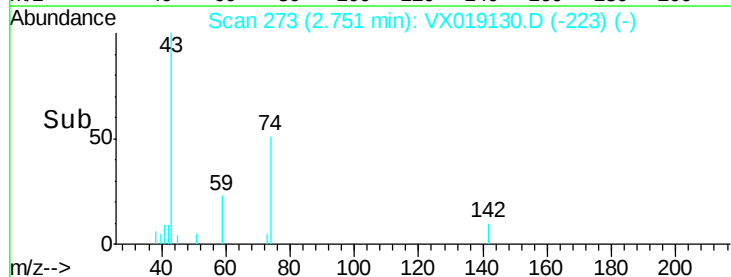
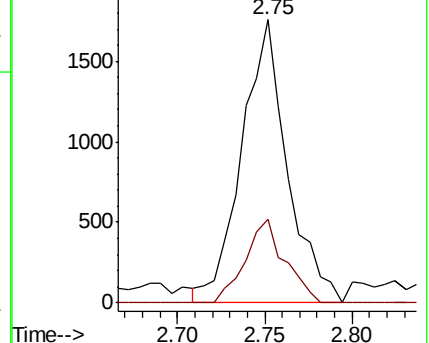
43 100

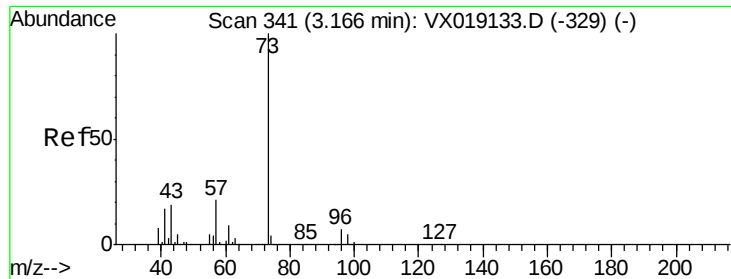
74 25.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

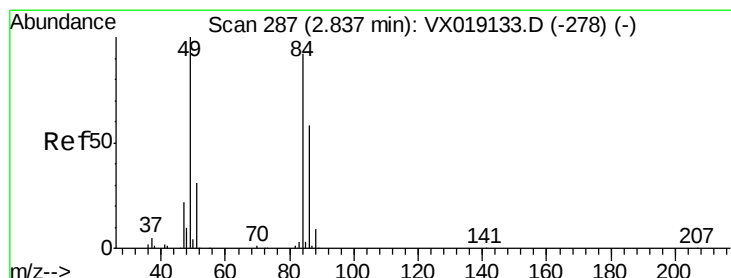
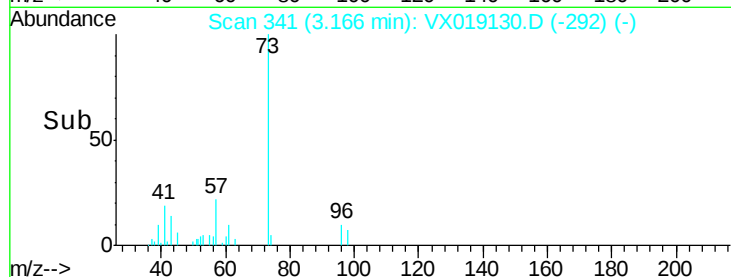
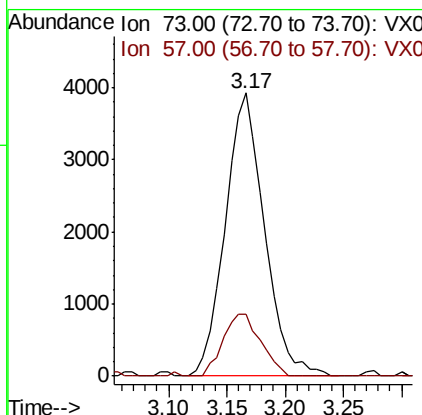
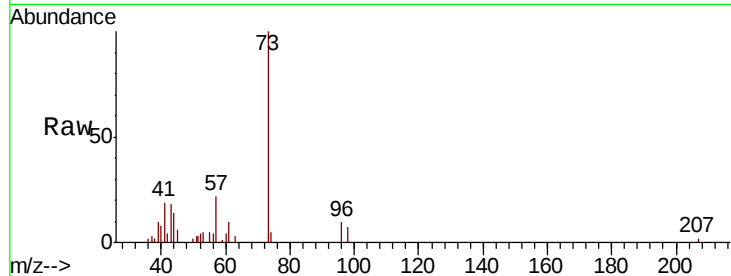




#19
Methyl tert-butyl Ether
Concen: 0.930 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

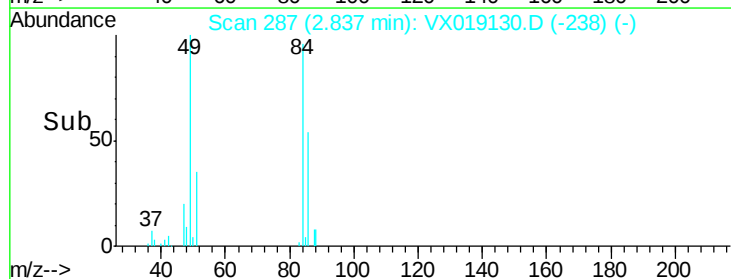
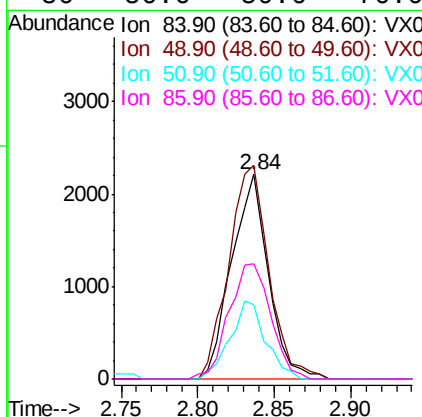
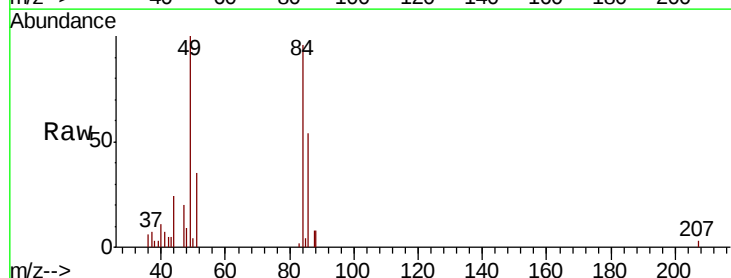
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

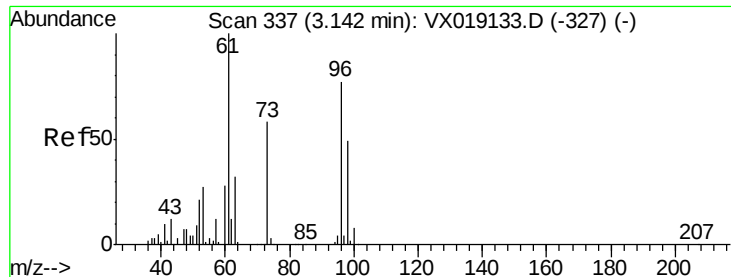
Tot Ion: 73 Resp: 9183
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#20
Methylene Chloride
Concen: 1.072 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 84 Resp: 3683
Ion Ratio Lower Upper
84 100
49 104.5 86.8 130.2
51 36.5 27.3 40.9
86 56.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 1.077 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

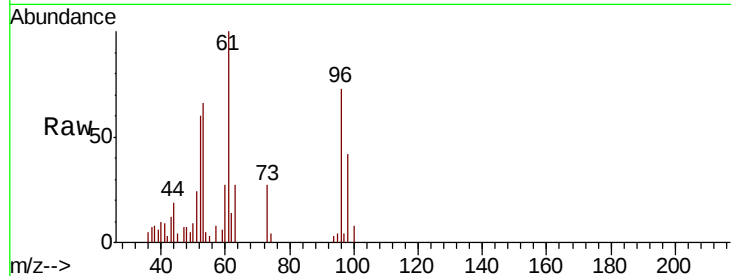
Tot Ion: 96 Resp: 3618

Ion Ratio Lower Upper

96 100

61 137.2 104.2 156.4

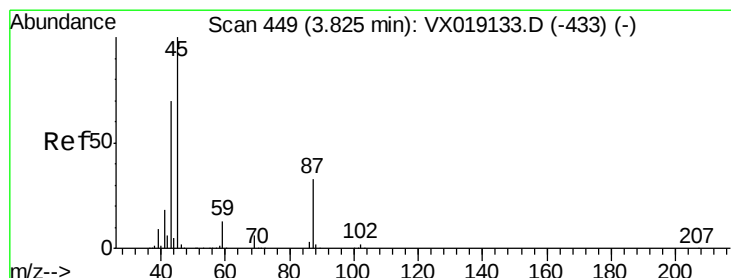
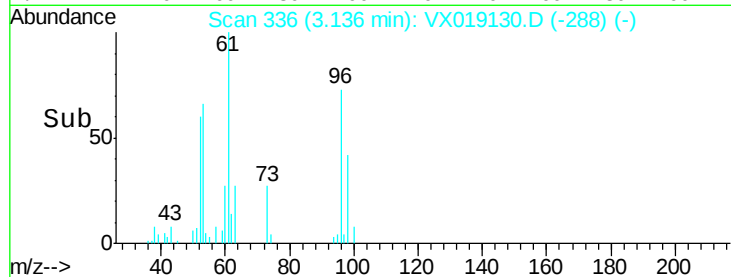
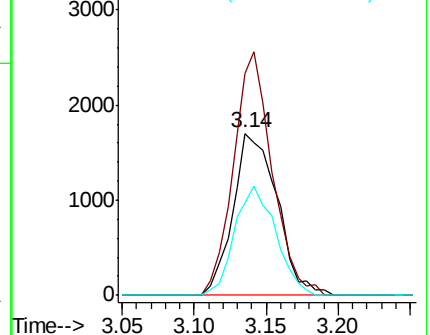
98 57.0 51.3 76.9



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: 0.991 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Tgt Ion: 45 Resp: 7955

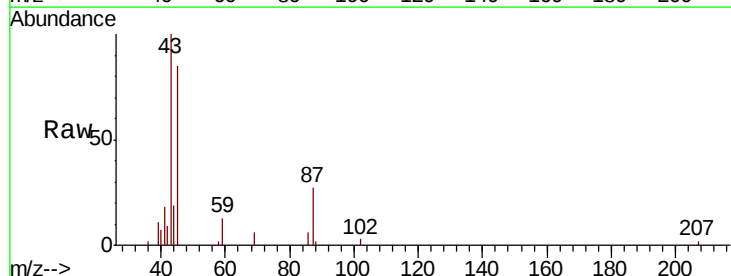
Ion Ratio Lower Upper

45 100

43 113.8 56.2 84.4#

87 31.3 26.2 39.2

59 15.1 10.1 15.1

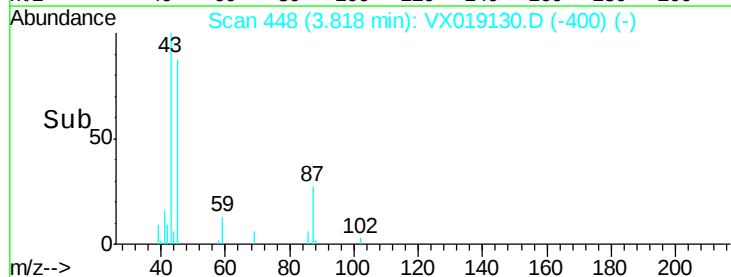
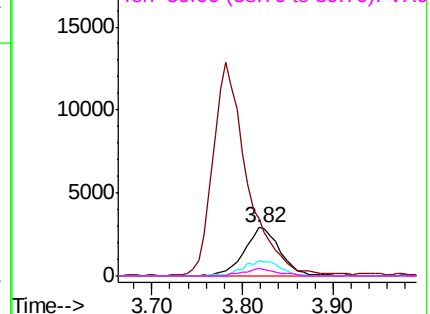


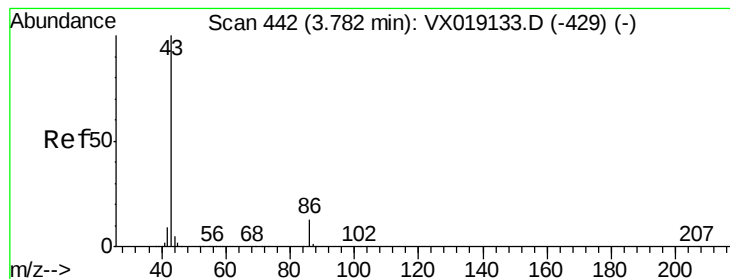
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.885 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

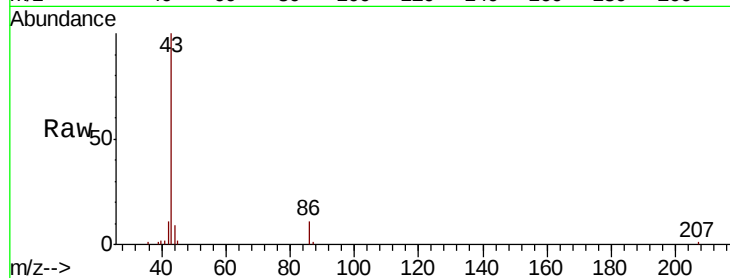
VSTDIC001

Tot Ion: 43 Resp: 34520

Ion Ratio Lower Upper

43 100

86 11.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

15000

3.78

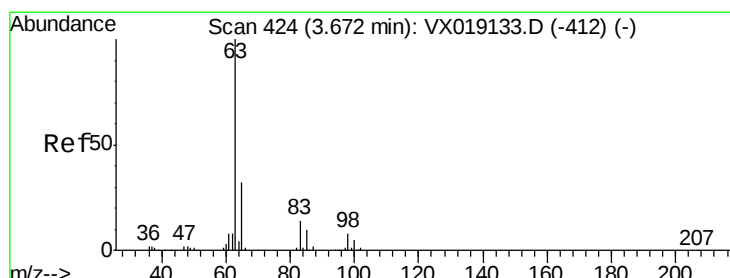
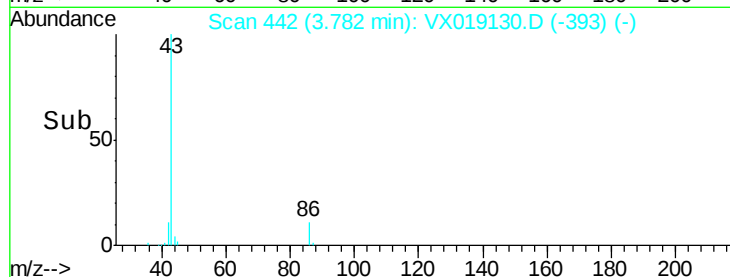
10000

5000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 0.952 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

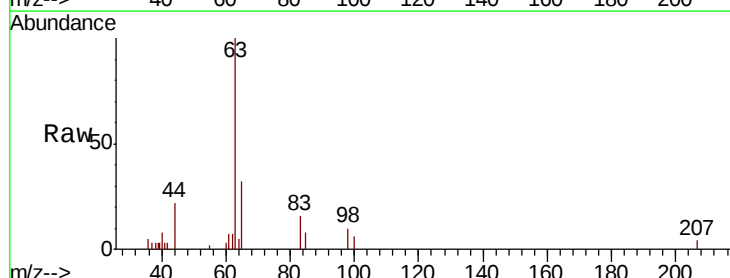
Tgt Ion: 63 Resp: 4992

Ion Ratio Lower Upper

63 100

98 9.6 3.8 11.4

100 6.0 2.4 7.2



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

3000

2500

2000

1500

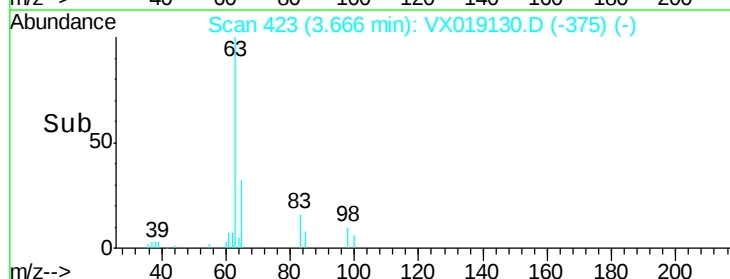
1000

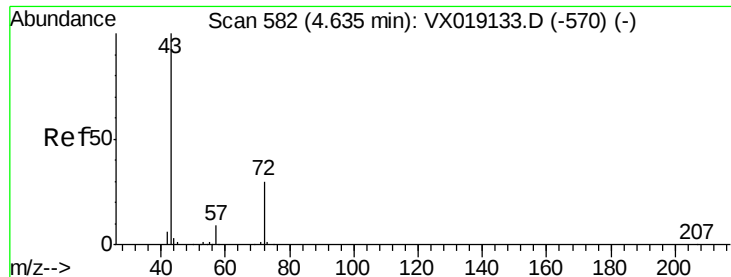
500

0

Time-->

3.60 3.65 3.70 3.75





#25

2-Butanone

Concen: 5.244 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

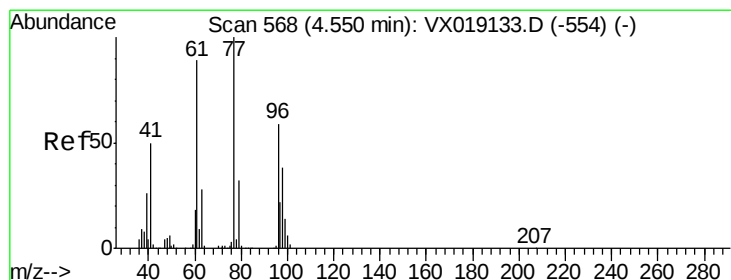
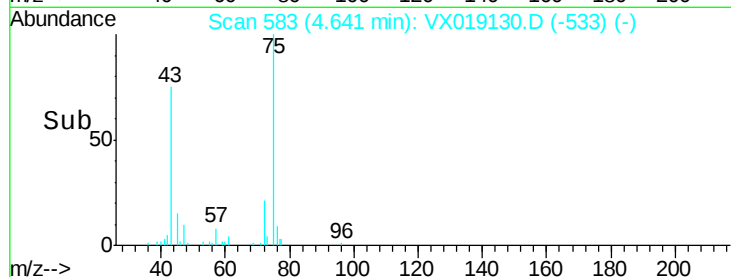
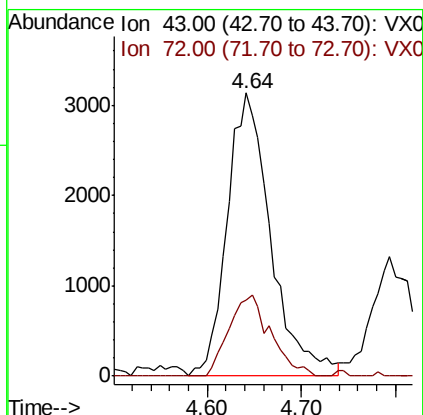
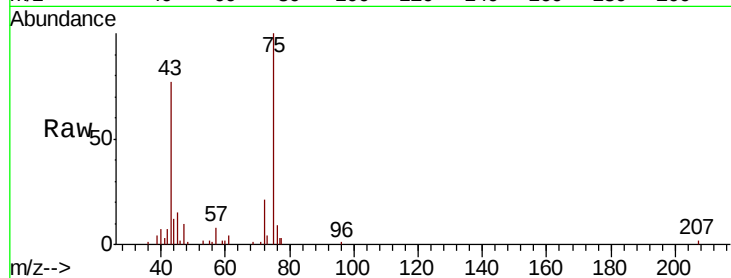
VSTDIC001

Tot Ion: 43 Resp: 10123

Ion Ratio Lower Upper

43 100

72 27.0 24.6 36.8



#26

2,2-Dichloropropane

Concen: 0.996 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019130.D

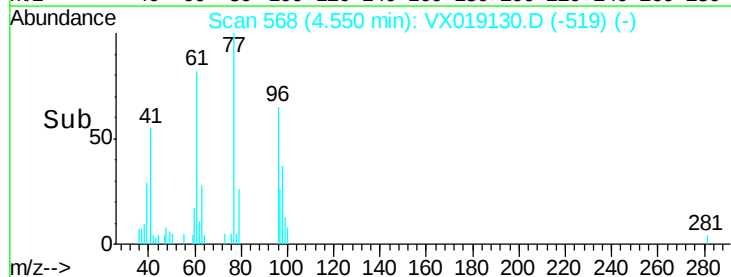
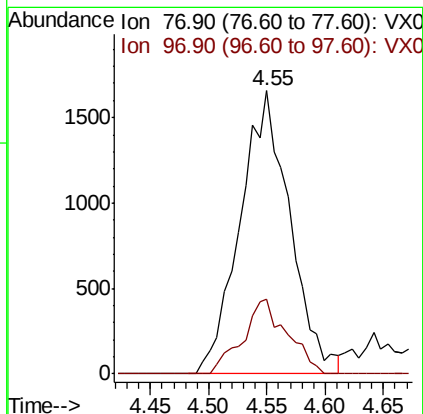
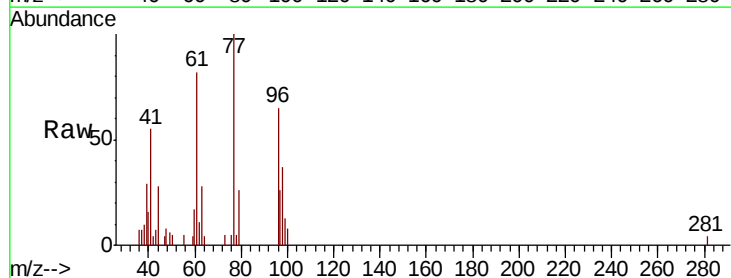
Acq: 27 Oct 2020 11:30

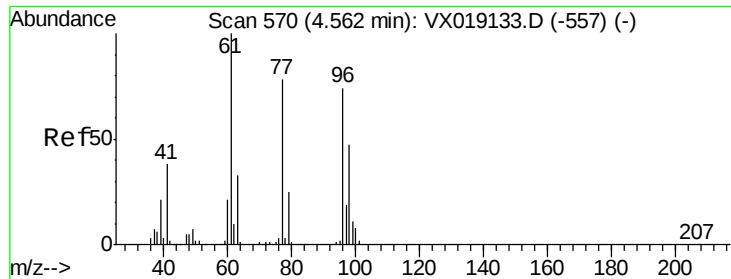
Tgt Ion: 77 Resp: 4917

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1



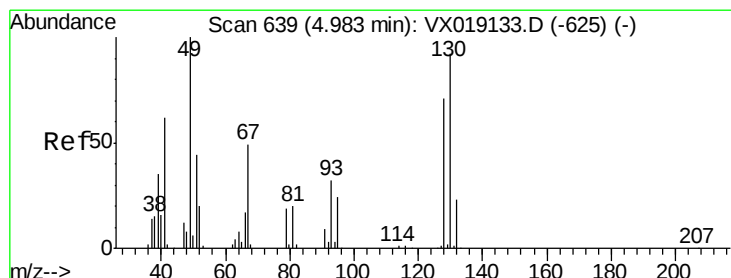
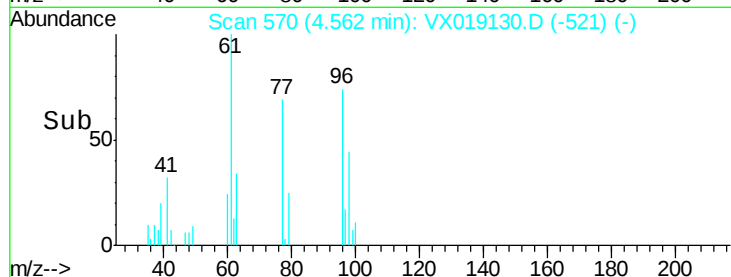
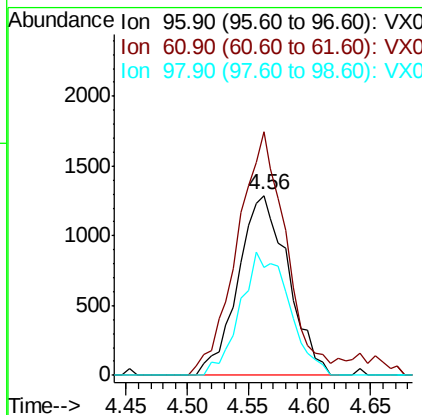
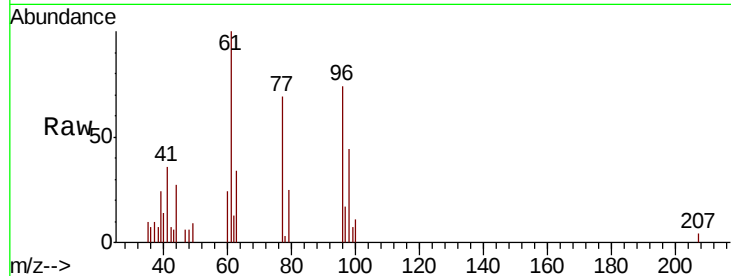


#27

cis-1,2-Dichloroethene
 Concen: 0.972 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

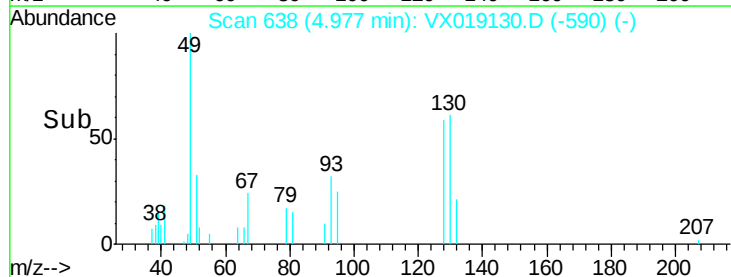
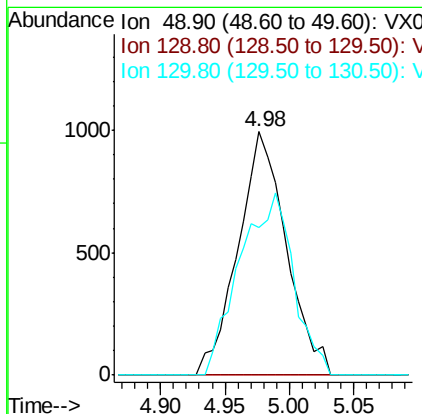
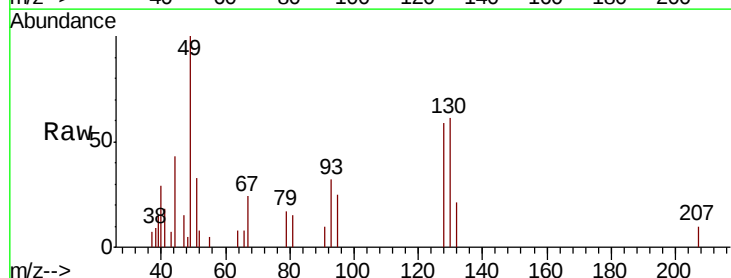
Tot Ion: 96 Resp: 3675
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 278.8
 98 66.2 0.0 130.2

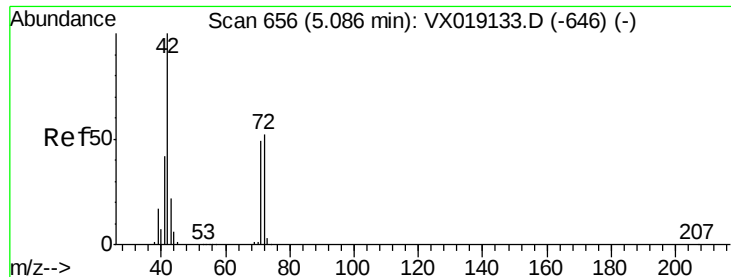


#28

Bromochloromethane
 Concen: 1.135 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 49 Resp: 2576
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 83.7 71.3 106.9

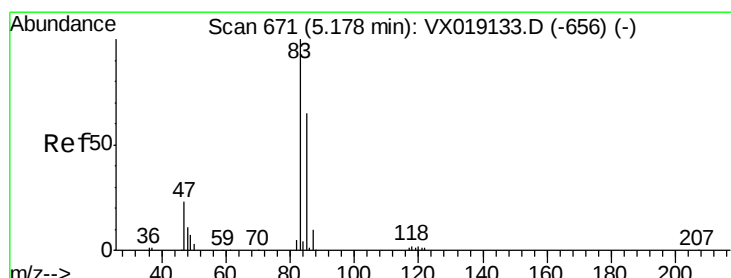
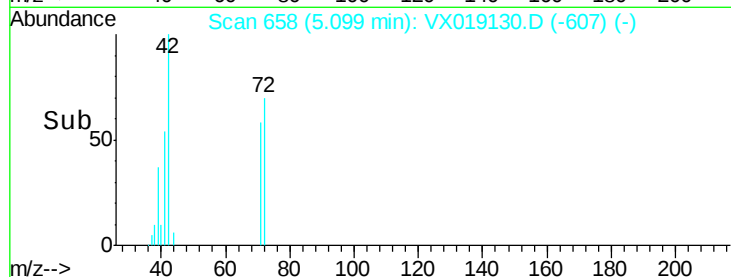
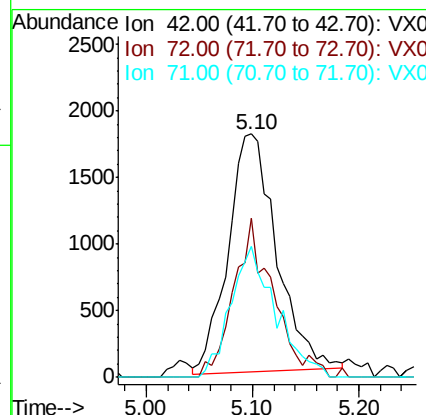
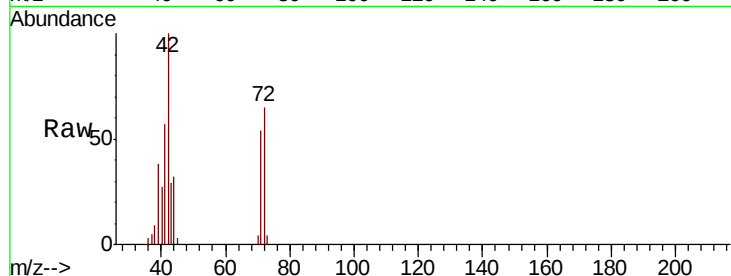




#29
Tetrahydrofuran
Concen: 4.661 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

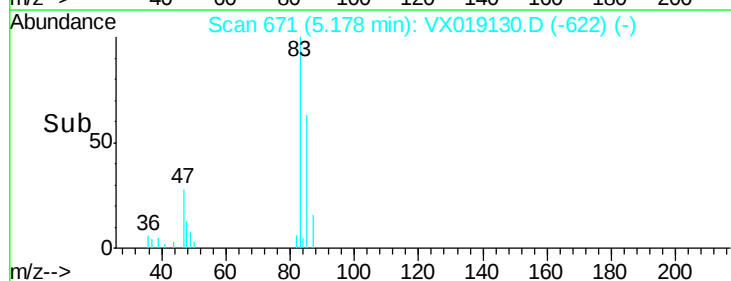
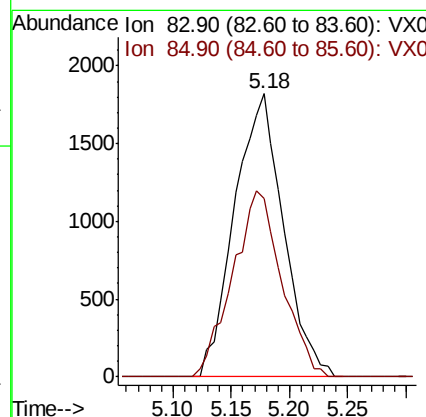
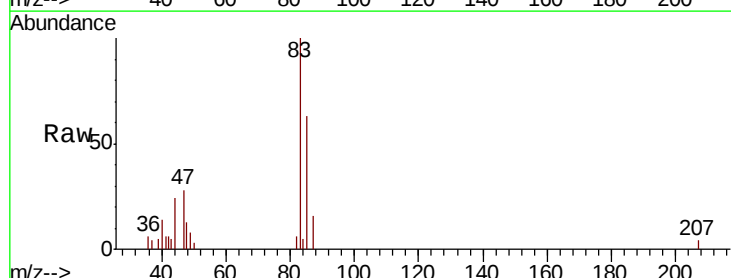
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

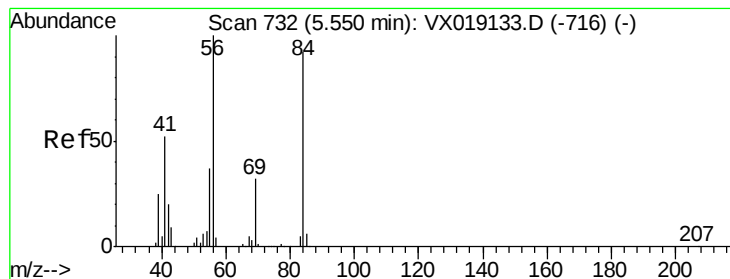
Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	42.6	63.8
71	51.0	39.7	59.5



#30
Chloroform
Concen: 0.911 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9





#31

Cyclohexane

Concen: 0.904 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

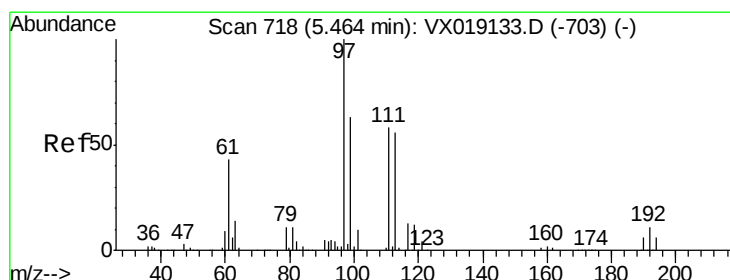
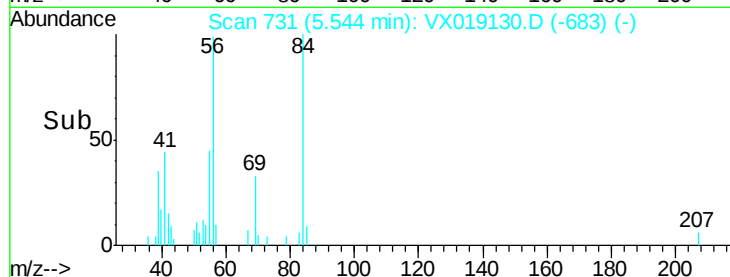
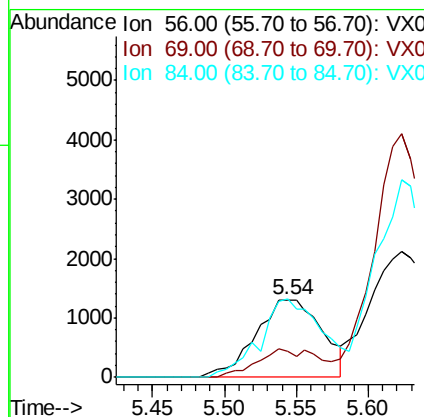
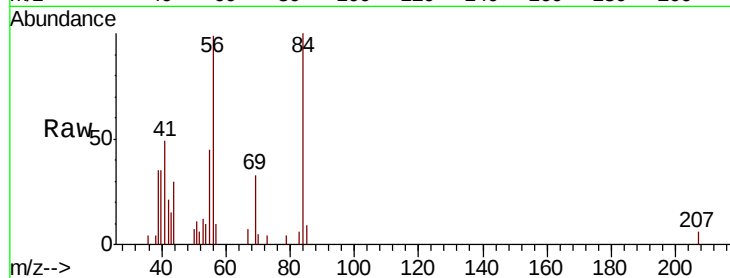
Tot Ion: 56 Resp: 4197

Ion Ratio Lower Upper

56 100

69 33.6 25.9 38.9

84 100.8 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 0.917 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

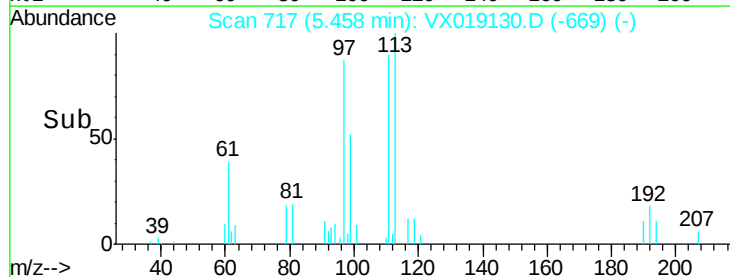
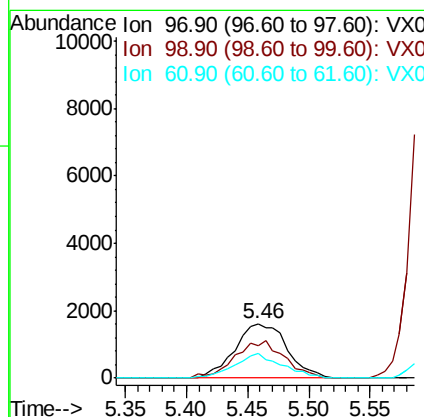
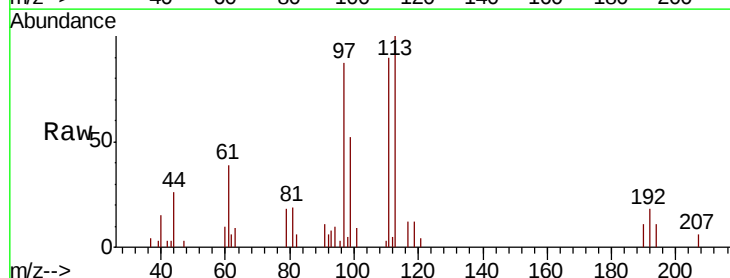
Tgt Ion: 97 Resp: 4754

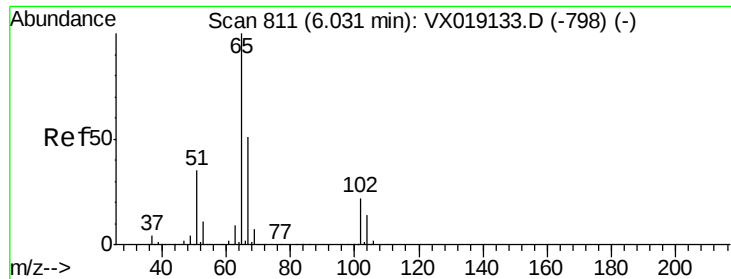
Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 41.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 2.012 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

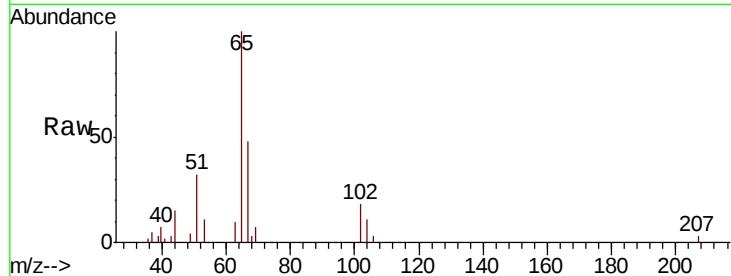
VSTDIC001

Tot Ion: 65 Resp: 7368

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

3000

2500

2000

1500

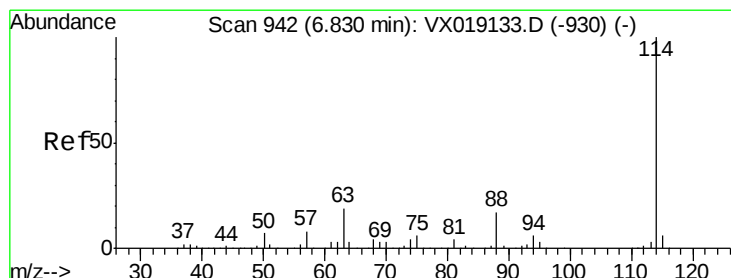
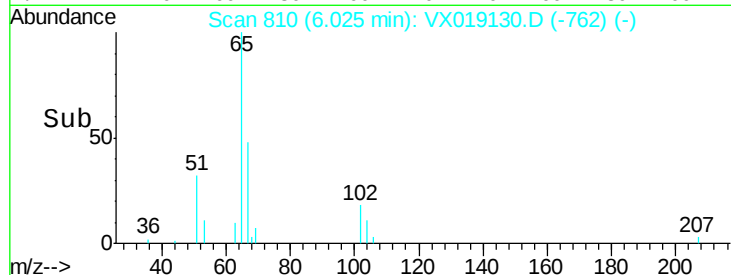
1000

500

0

Time-->

5.95 6.00 6.05 6.10 6.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

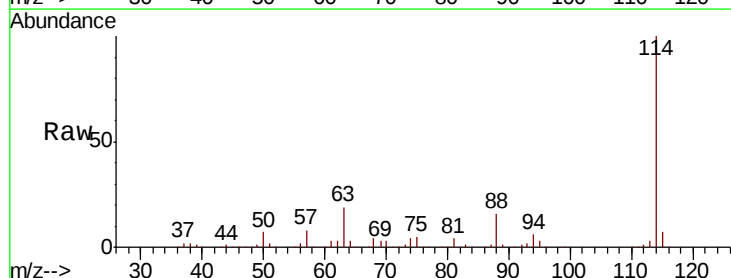
Tgt Ion: 114 Resp: 496201

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.5 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

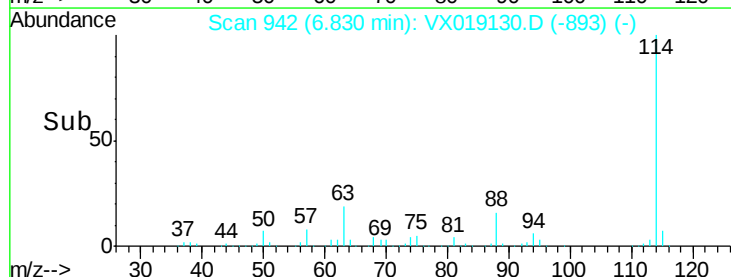
100000

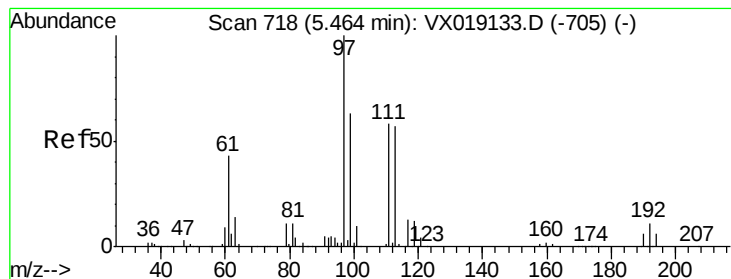
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 1.738 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

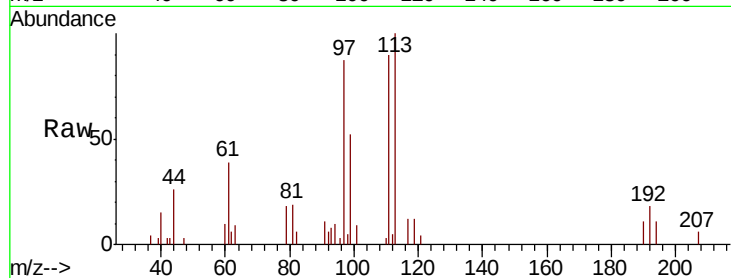
Tot Ion:113 Resp: 5300

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

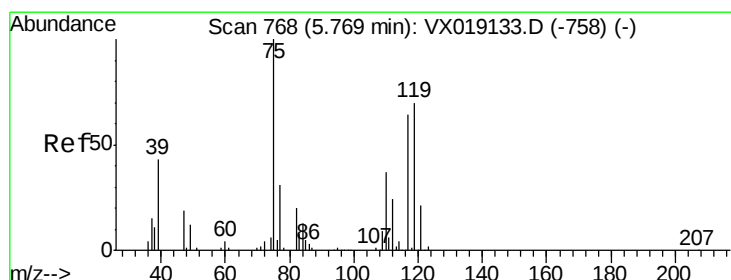
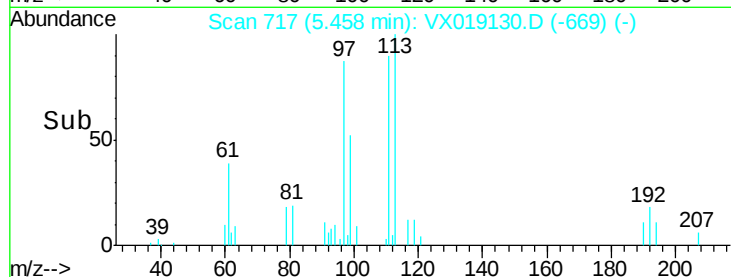
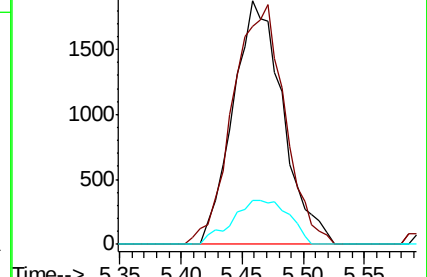
192 20.5 16.2 24.2



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: 1.056 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

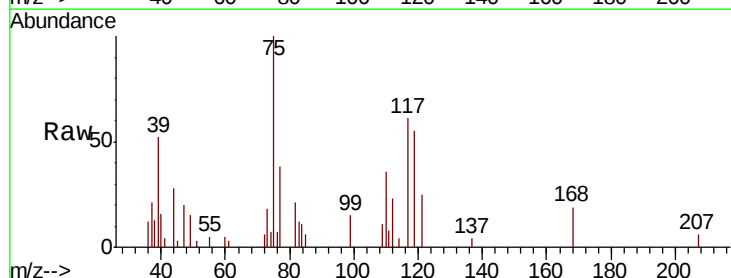
Tgt Ion: 75 Resp: 4596

Ion Ratio Lower Upper

75 100

110 37.6 18.3 54.9

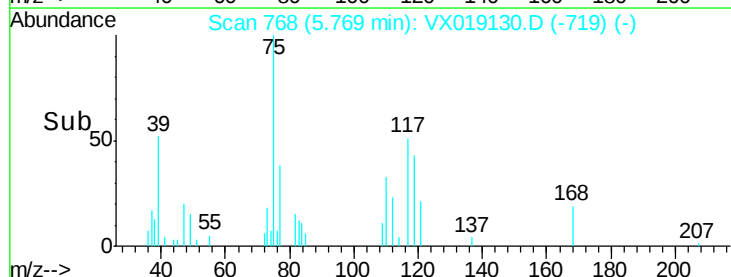
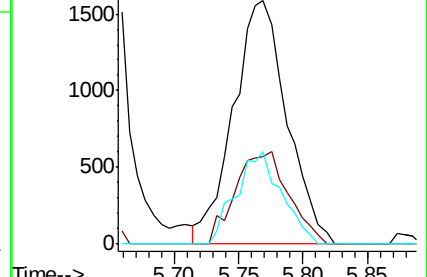
77 32.2 24.9 37.3

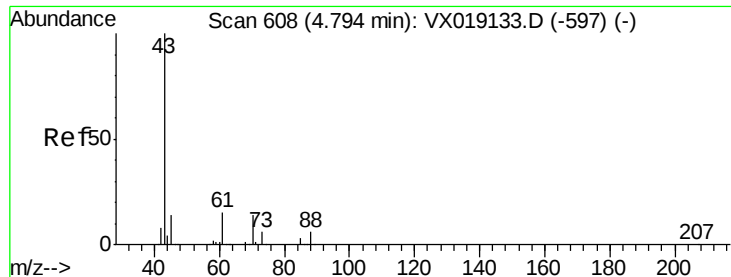


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

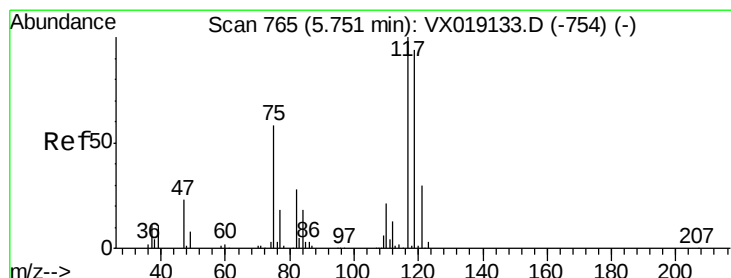
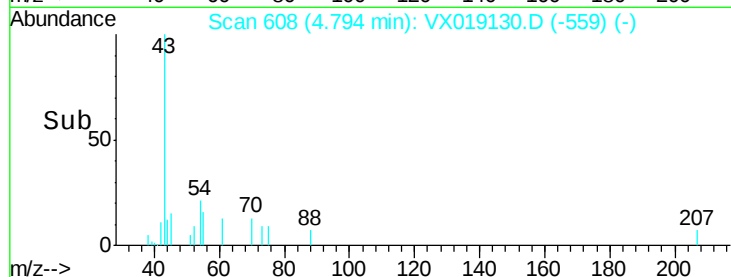
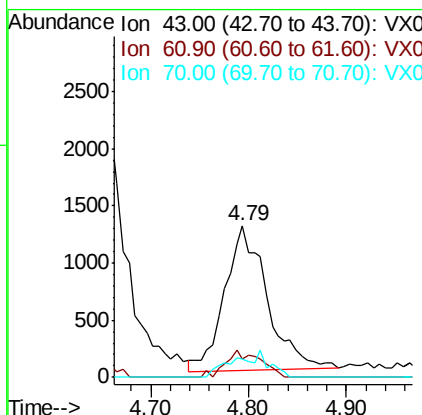
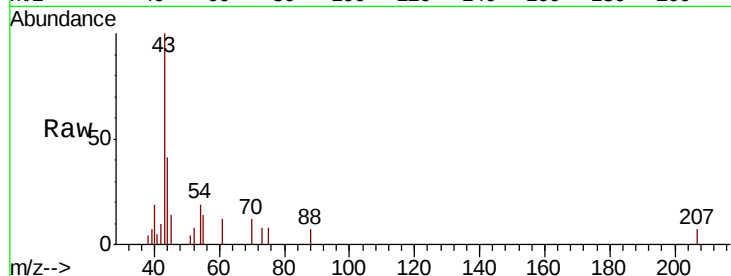




#37
Ethyl Acetate
Concen: 1.001 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

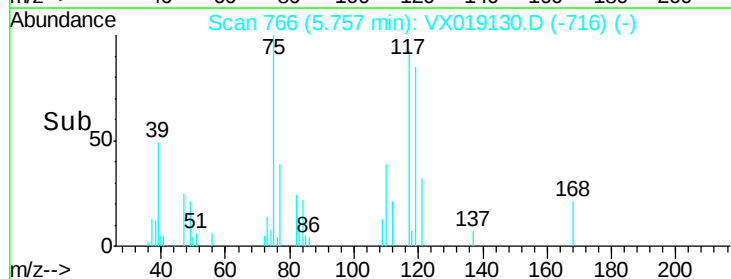
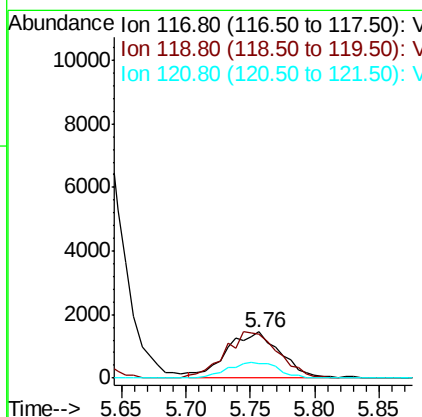
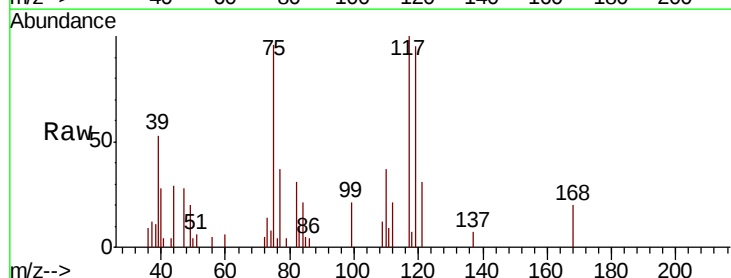
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

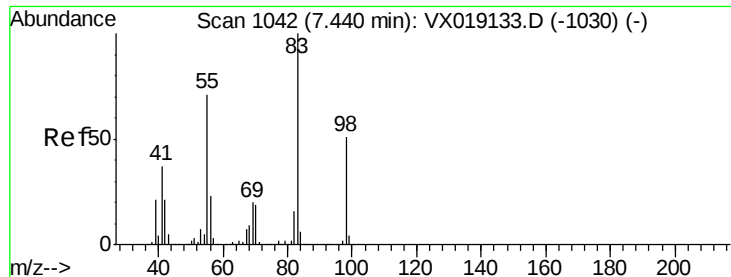
Tot Ion: 43 Resp: 3843
Ion Ratio Lower Upper
43 100
61 15.1 12.5 18.7
70 9.6 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 0.947 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 117 Resp: 4241
Ion Ratio Lower Upper
117 100
119 94.9 75.0 112.6
121 31.1 23.9 35.9

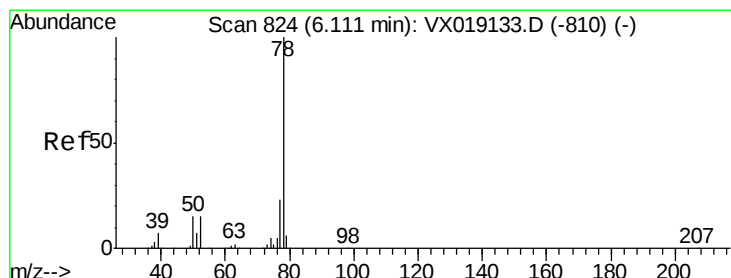
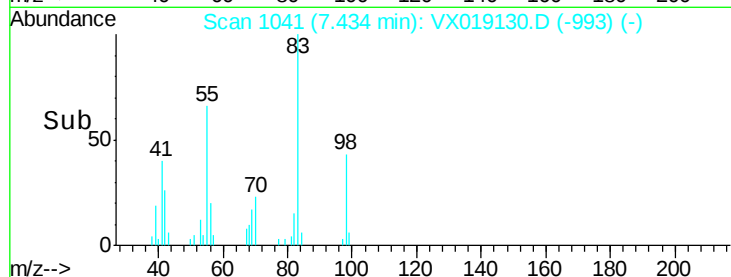
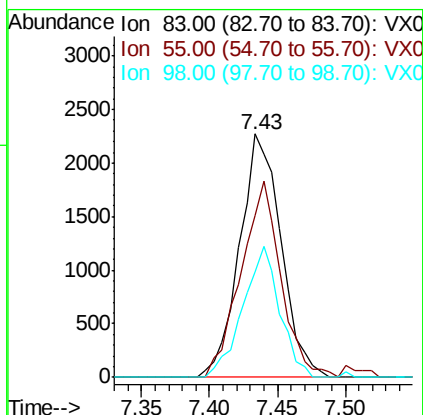
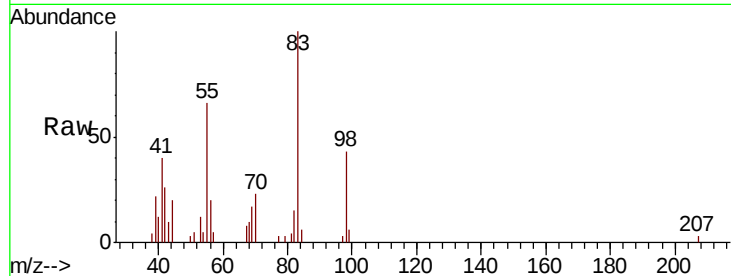




#39
Methvlcvclohexane
Concen: 0.908 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

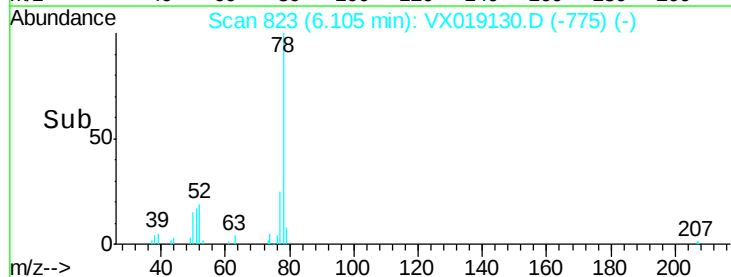
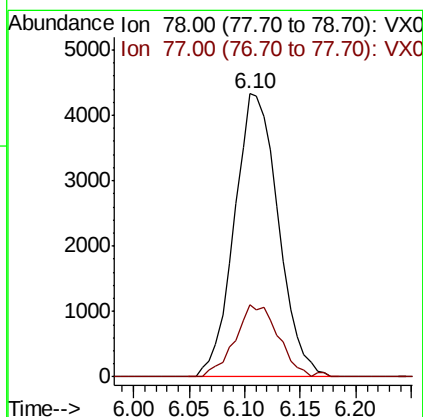
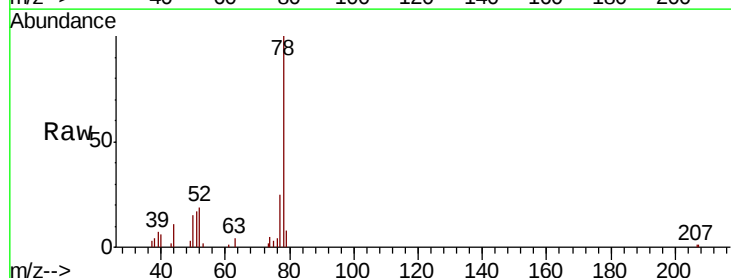
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

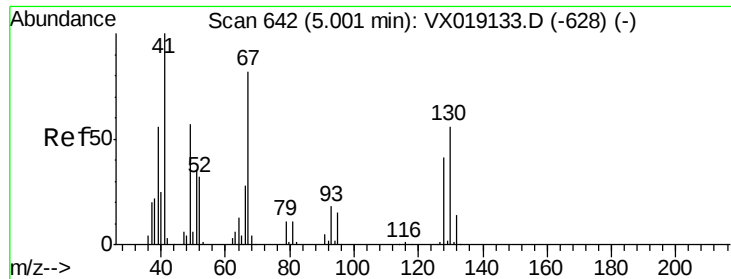
Tot Ion: 83 Resp: 4845
Ion Ratio Lower Upper
83 100
55 66.3 57.0 85.6
98 43.2 40.5 60.7



#40
Benzene
Concen: 0.933 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 78 Resp: 11903
Ion Ratio Lower Upper
78 100
77 25.5 18.7 28.1

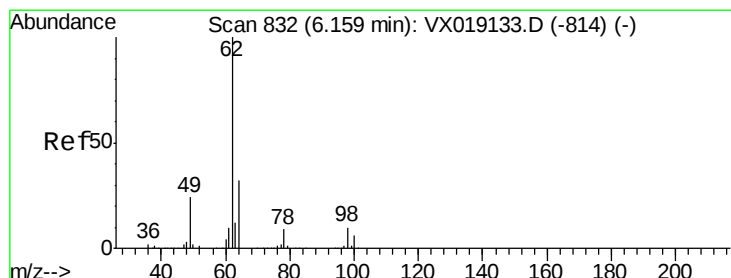
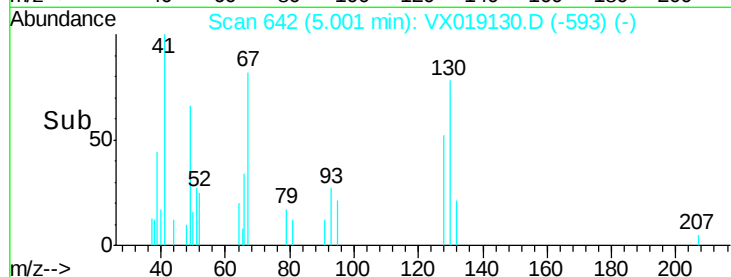
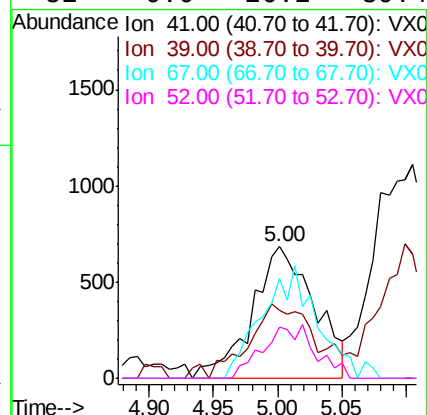
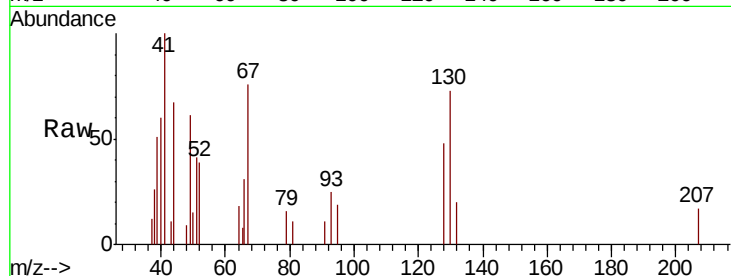




#41
Methacrylonitrile
Concen: 1.152 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

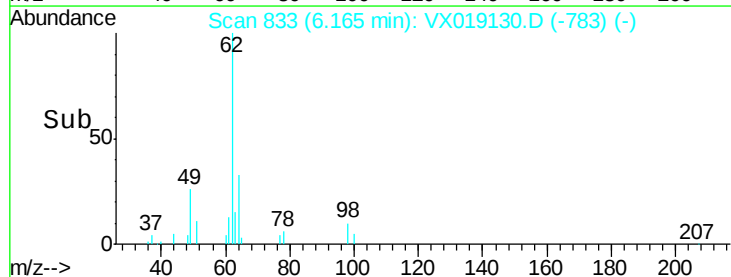
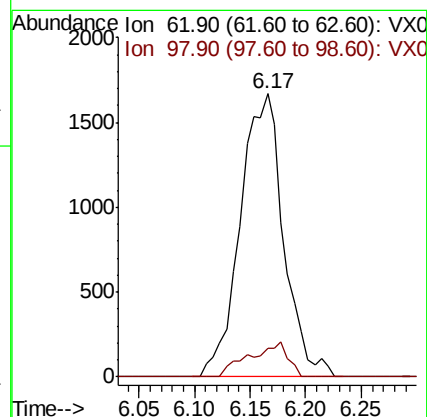
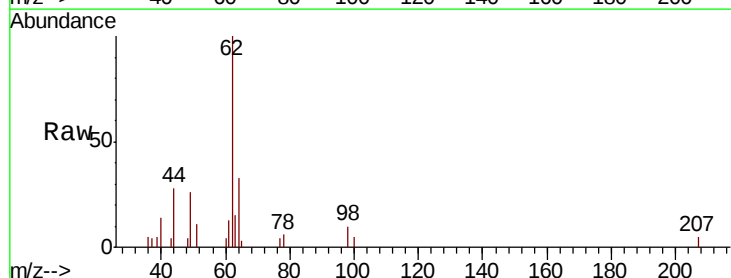
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

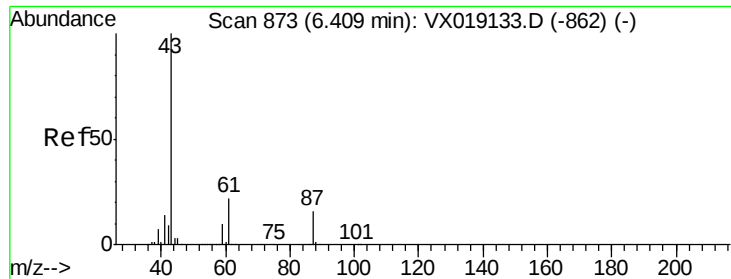
Tot Ion: 41 Resp: 2283
Ion Ratio Lower Upper
41 100
39 54.4 44.4 66.6
67 38.2 66.4 99.6#
52 0.0 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 1.036 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 62 Resp: 4517
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.0





#43

Isopropyl Acetate

Concen: 1.062 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

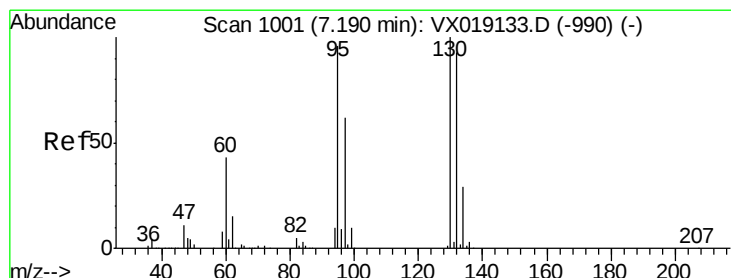
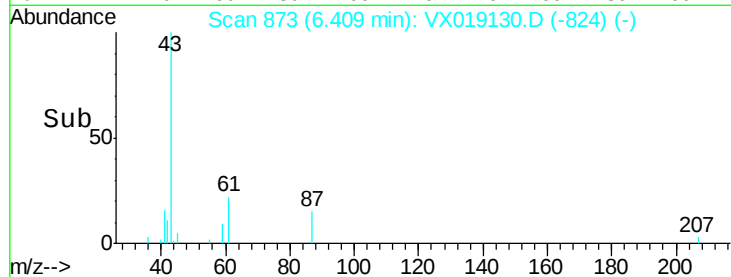
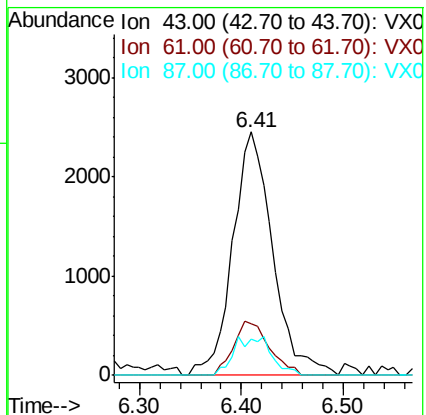
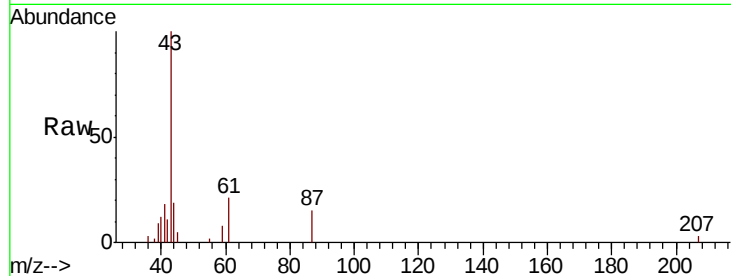
Tot Ion: 43 Resp: 6672

Ion Ratio Lower Upper

43 100

61 19.8 17.8 26.6

87 14.6 12.6 19.0



#44

Trichloroethene

Concen: 1.000 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019130.D

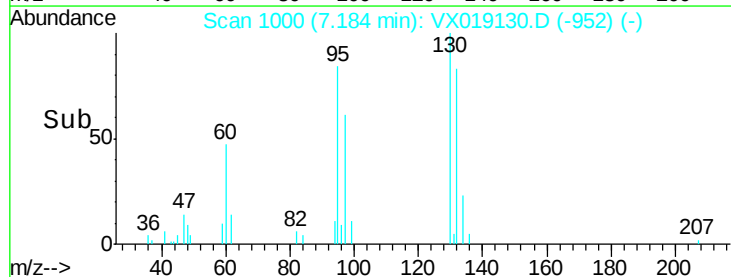
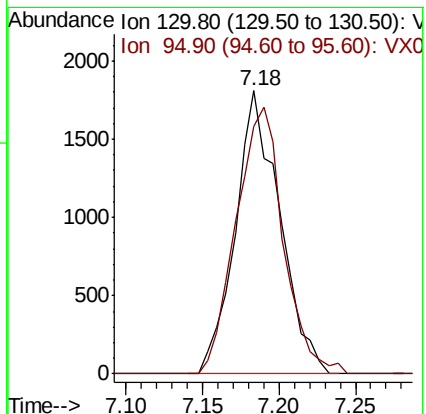
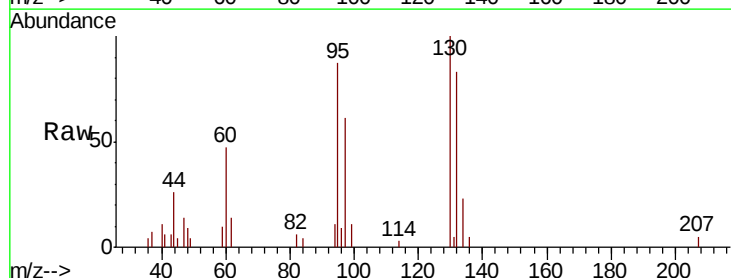
Acq: 27 Oct 2020 11:30

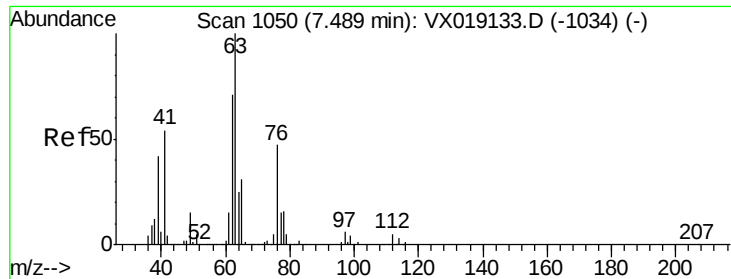
Tgt Ion: 130 Resp: 3651

Ion Ratio Lower Upper

130 100

95 87.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 0.929 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

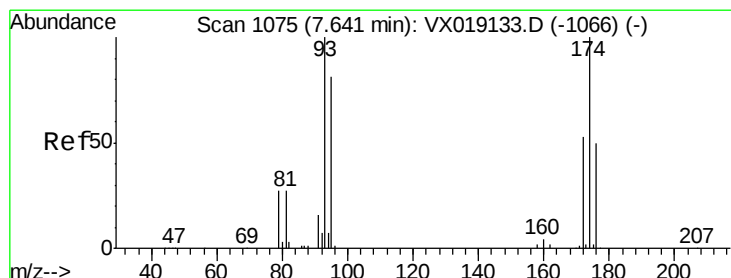
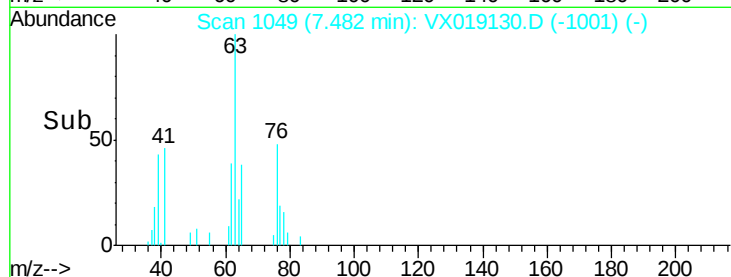
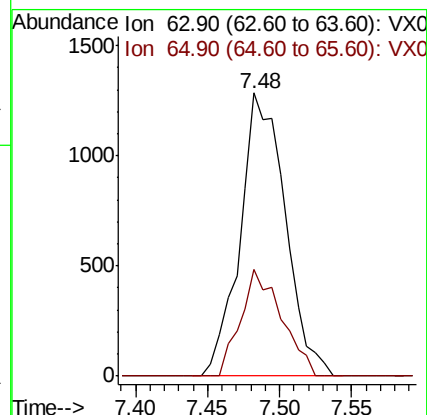
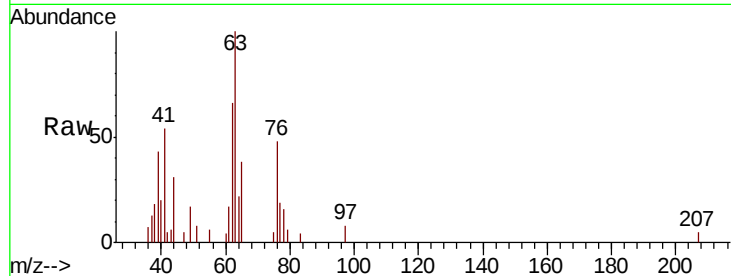
VSTDIC001

Tot Ion: 63 Resp: 2788

Ion Ratio Lower Upper

63 100

65 37.7 25.2 37.8



#46

Dibromomethane

Concen: 1.027 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

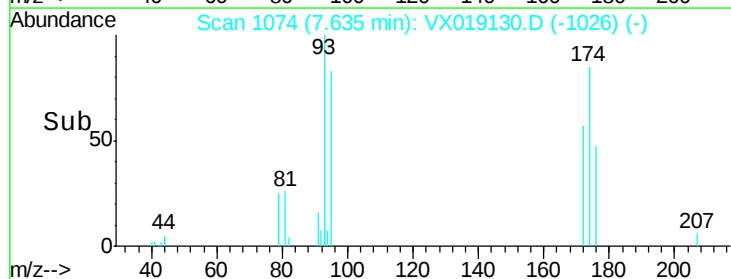
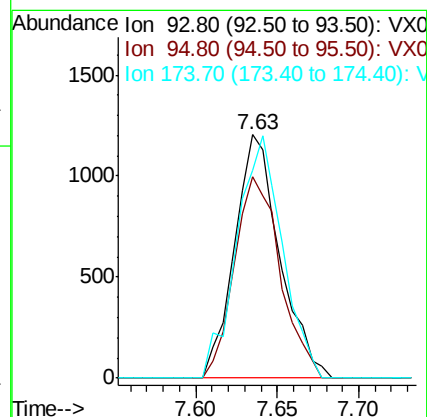
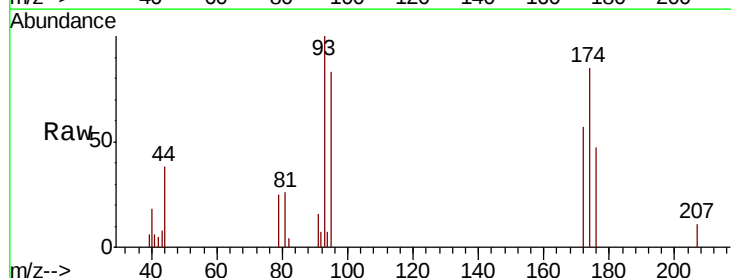
Tgt Ion: 93 Resp: 2322

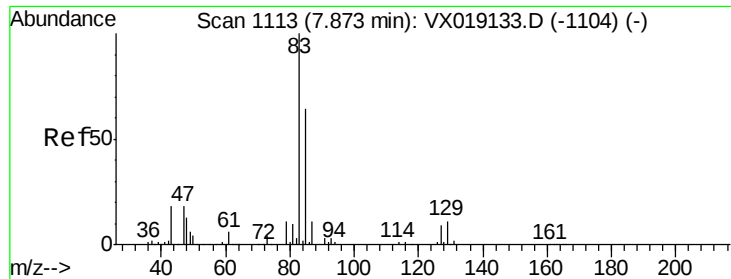
Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.6

174 100.4 81.7 122.5





#47

Bromodichloromethane

Concen: 0.910 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

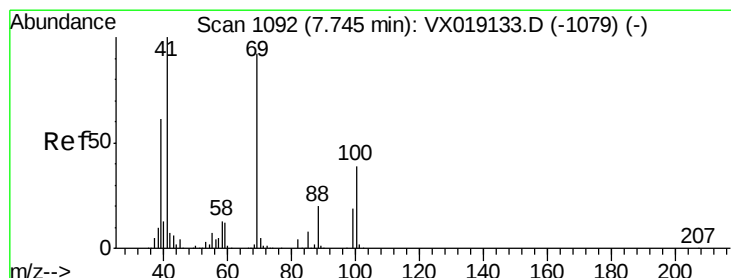
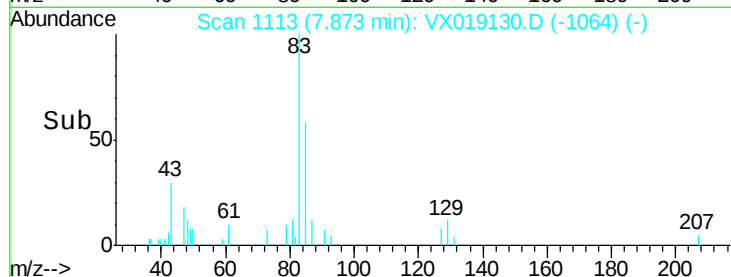
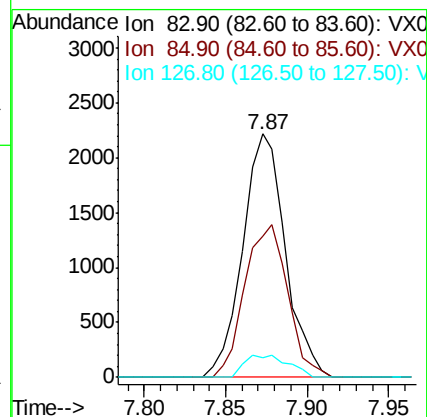
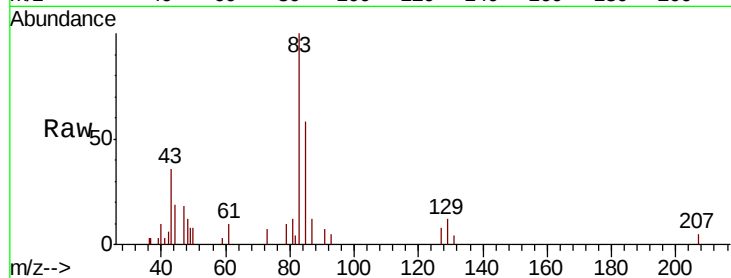
Tot Ion: 83 Resp: 4023

Ion Ratio Lower Upper

83 100

85 58.1 51.2 76.8

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 1.048 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

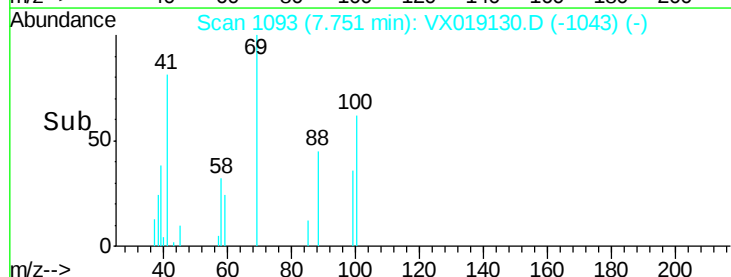
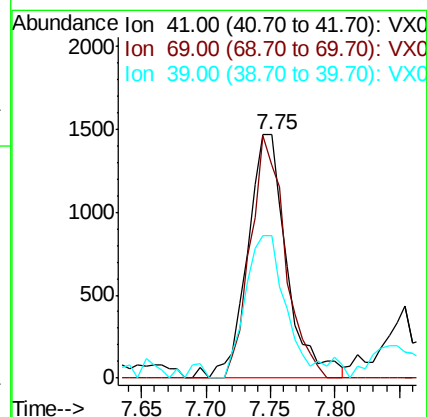
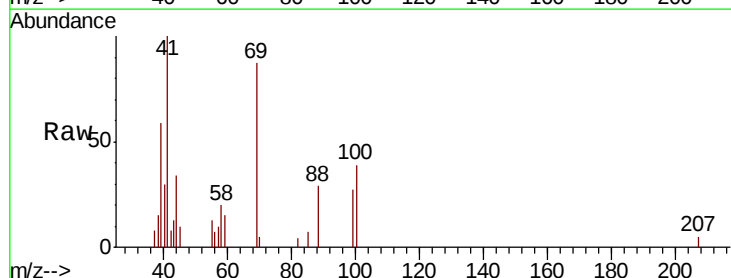
Tgt Ion: 41 Resp: 3104

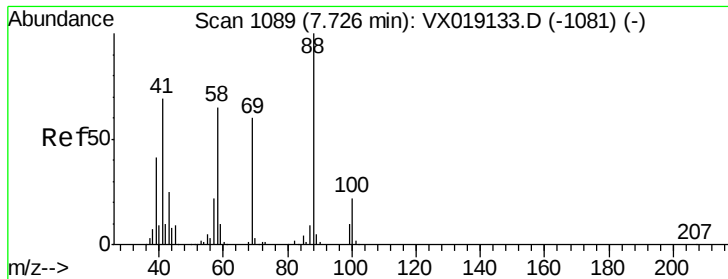
Ion Ratio Lower Upper

41 100

69 87.6 75.5 113.3

39 60.5 48.9 73.3





#49

1,4-Dioxane

Concen: 16.647 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

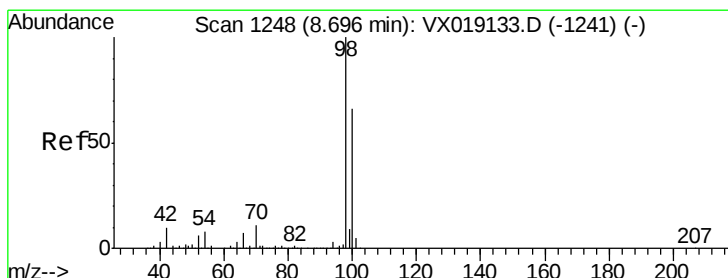
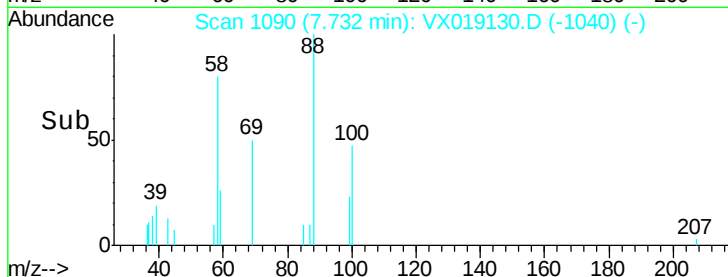
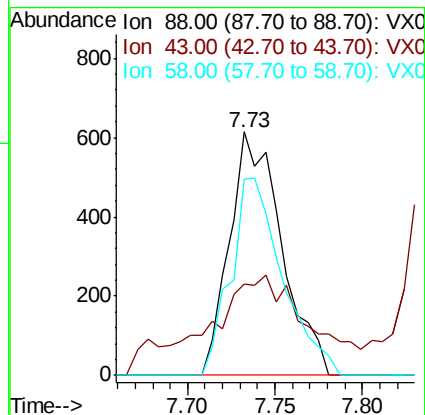
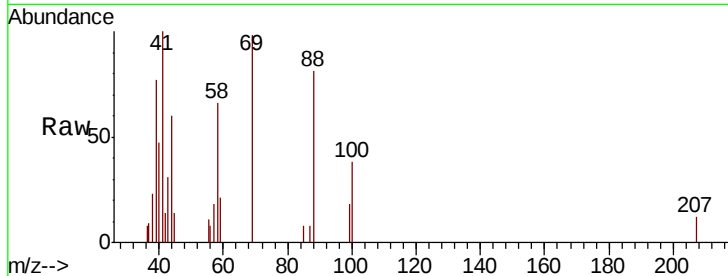
Tot Ion: 88 Resp: 1272

Ion Ratio Lower Upper

88 100

43 40.5 23.0 34.6#

58 81.0 52.2 78.2#



#50

Toluene-d8

Concen: 1.541 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019130.D

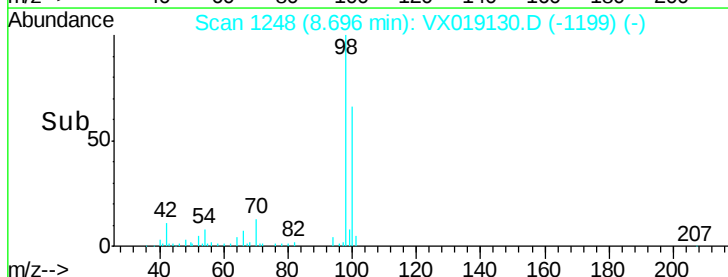
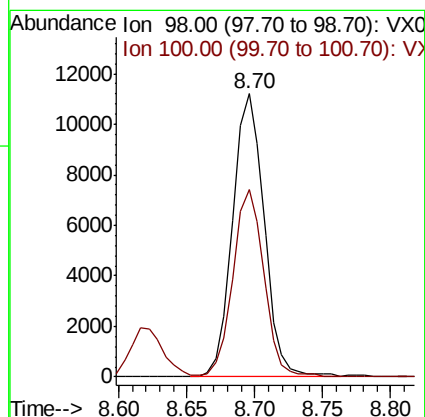
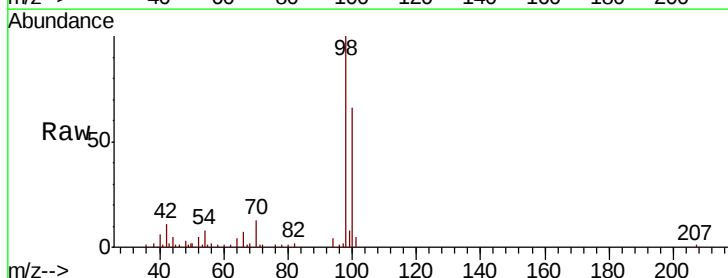
Acq: 27 Oct 2020 11:30

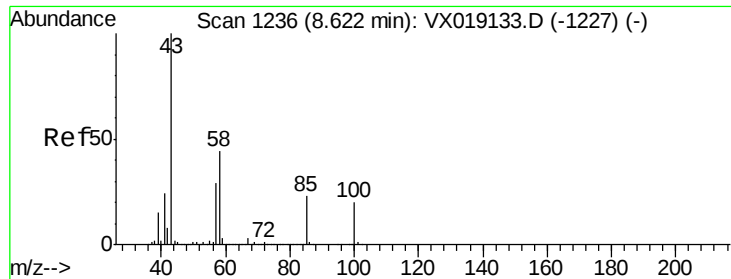
Tgt Ion: 98 Resp: 18110

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 4.705 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

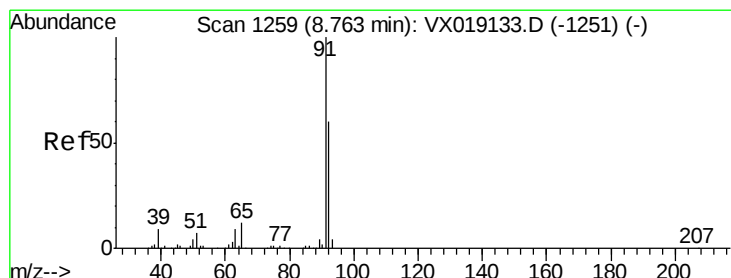
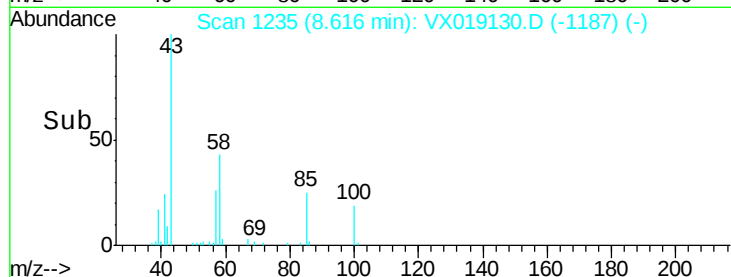
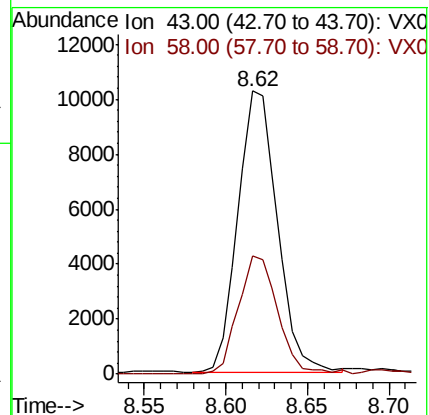
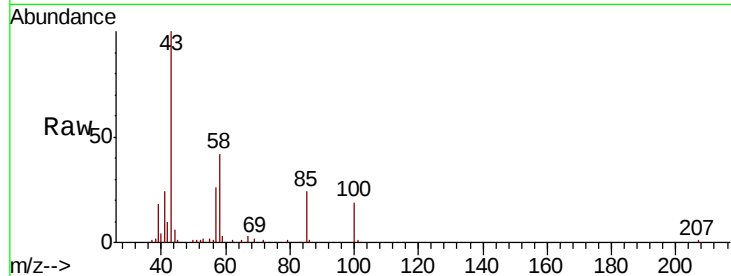
VSTDIC001

Tot Ion: 43 Resp: 17262

Ion Ratio Lower Upper

43 100

58 42.1 35.0 52.4



#52

Toluene

Concen: 0.911 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019130.D

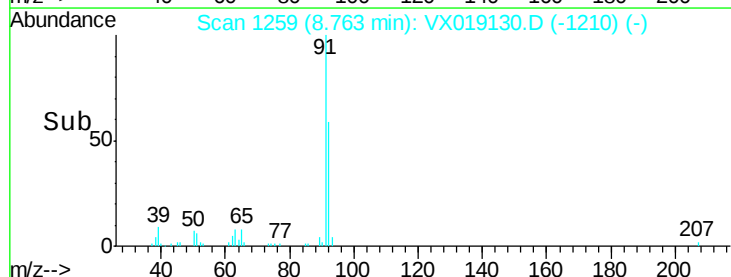
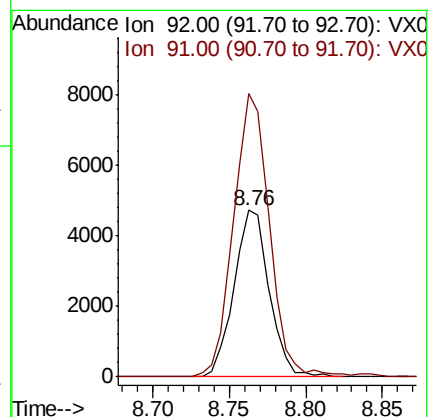
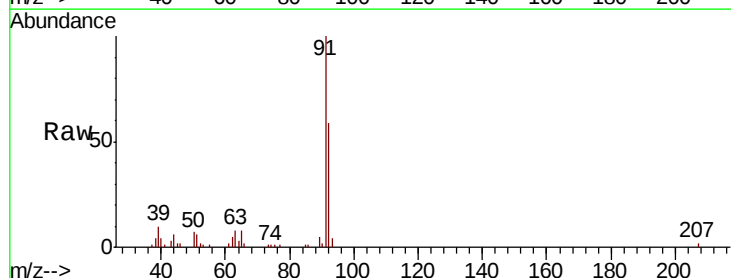
Acq: 27 Oct 2020 11:30

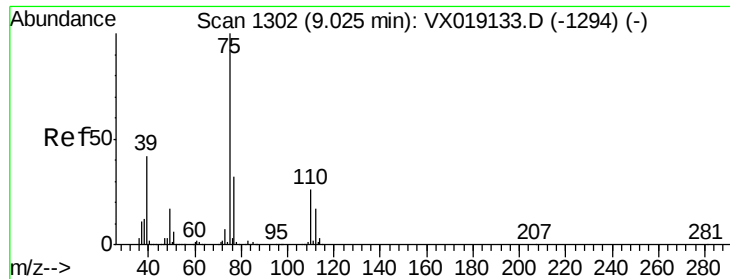
Tgt Ion: 92 Resp: 7515

Ion Ratio Lower Upper

92 100

91 174.5 136.3 204.5

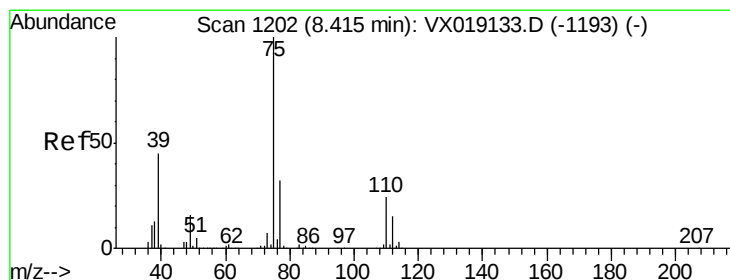
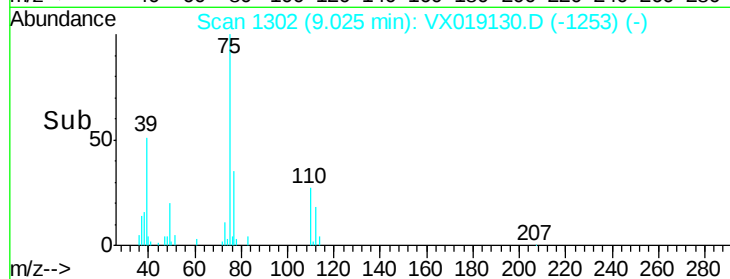
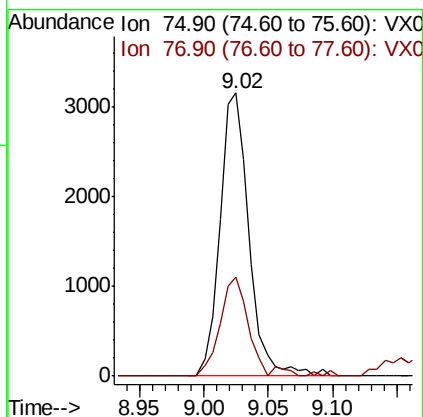
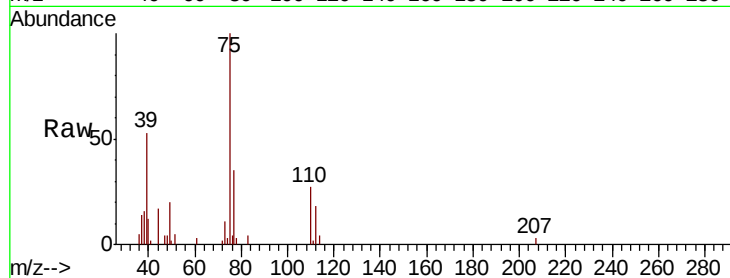




#53
 t-1,3-Dichloropropene
 Concen: 1.017 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

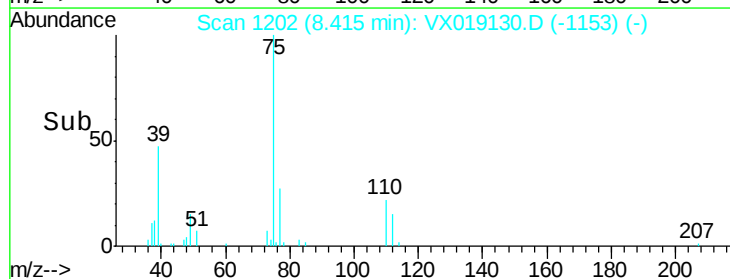
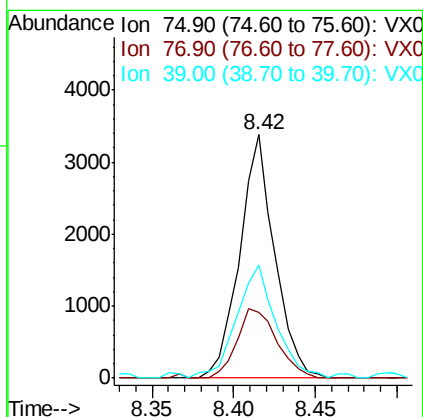
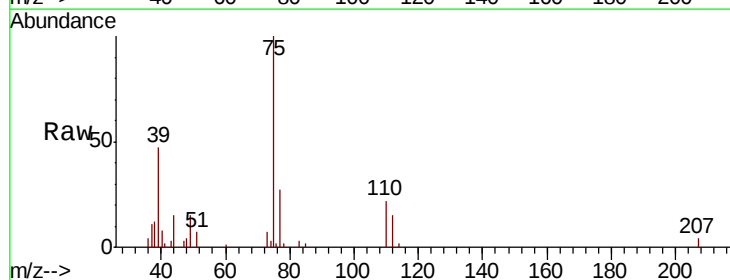
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

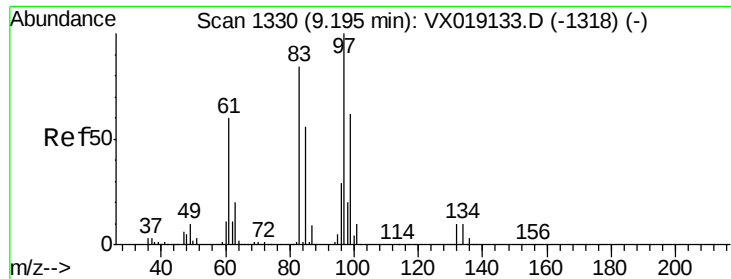
Tot Ion: 75 Resp: 4970
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.973 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 75 Resp: 5060
 Ion Ratio Lower Upper
 75 100
 77 26.8 25.5 38.3
 39 46.7 36.2 54.2

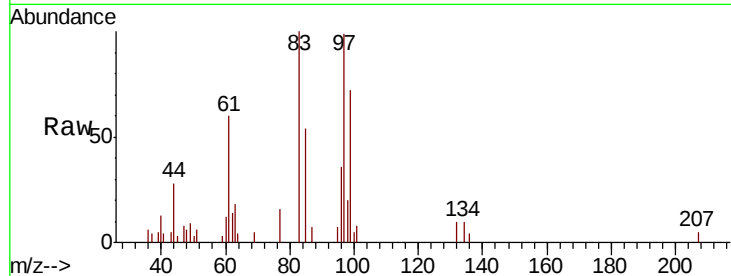




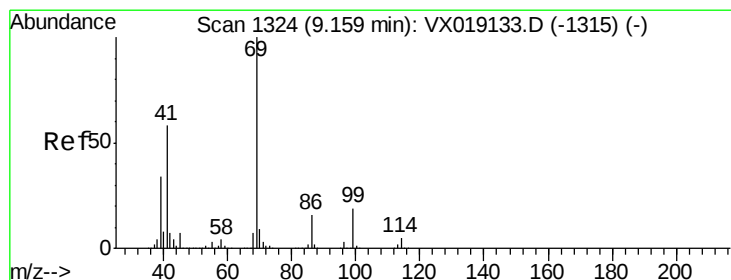
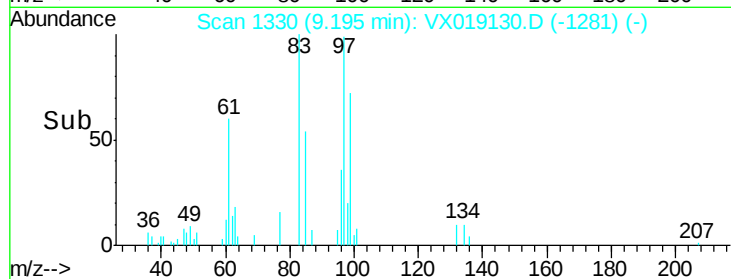
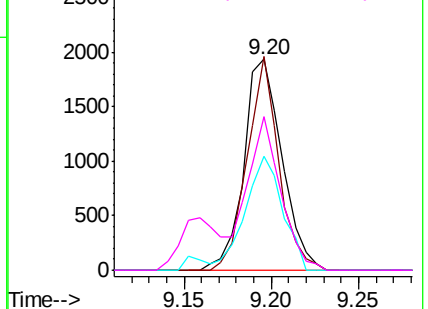
#55
 1,1,2-Trichloroethane
 Concen: 0.890 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 2922
 Ion Ratio Lower Upper
 97 100
 83 101.4 67.2 100.8#
 85 54.3 44.6 67.0
 99 73.0 49.4 74.0

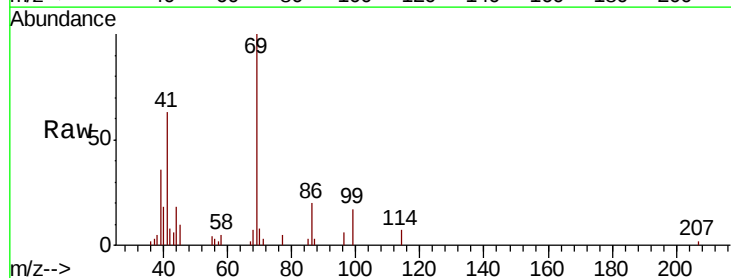


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

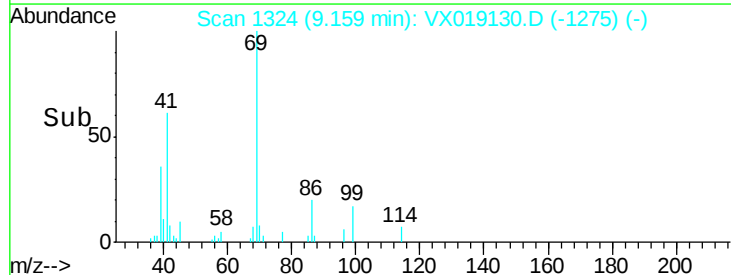
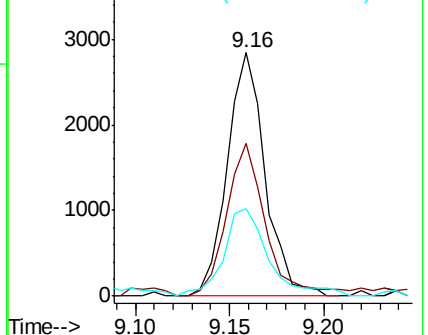


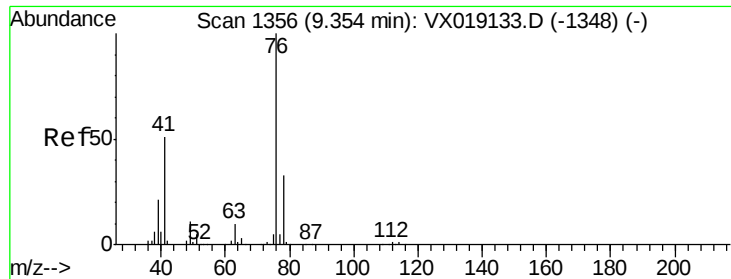
#56
 Ethyl methacrylate
 Concen: 0.836 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 69 Resp: 3965
 Ion Ratio Lower Upper
 69 100
 41 63.7 46.5 69.7
 39 42.5 27.6 41.4#



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

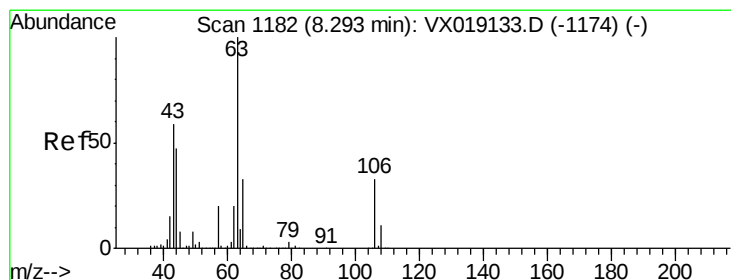
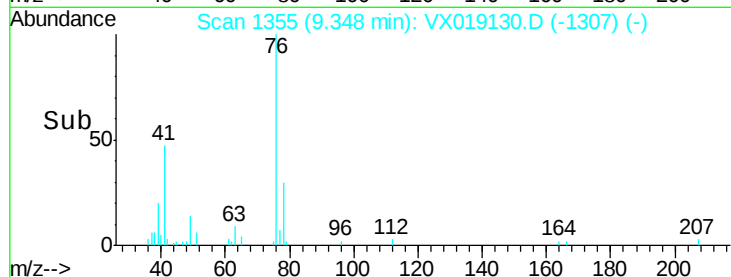
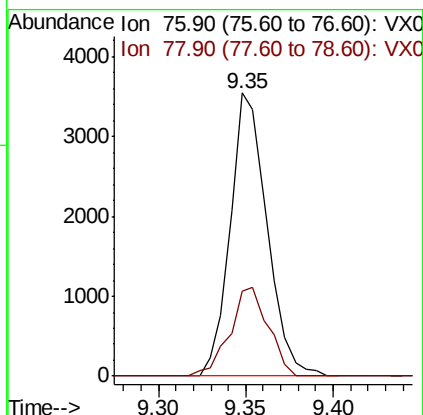
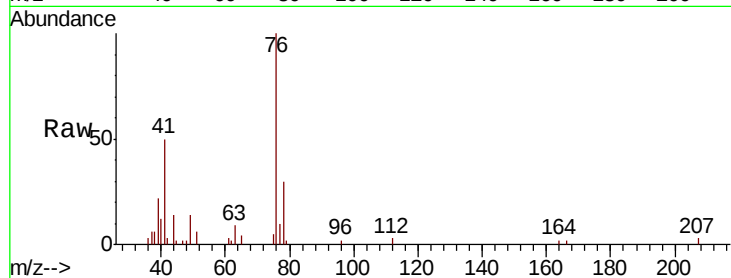




#57
 1,3-Dichloropropane
 Concen: 0.963 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

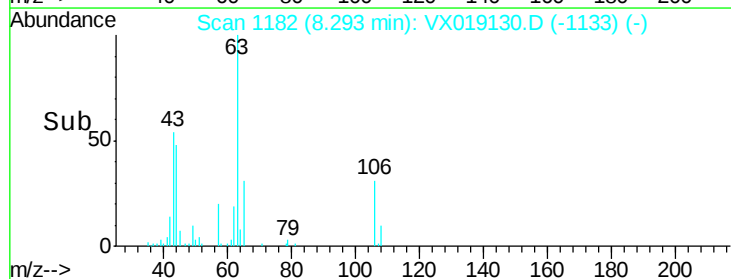
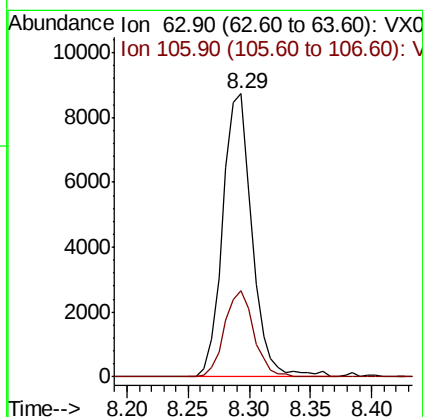
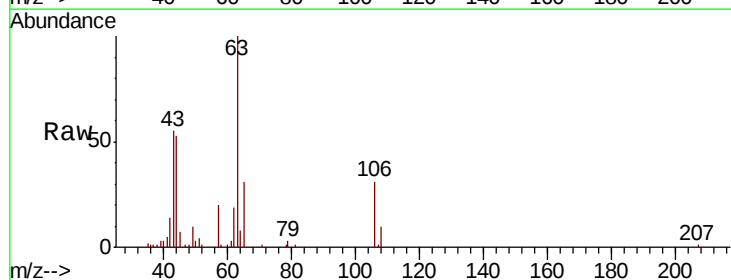
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

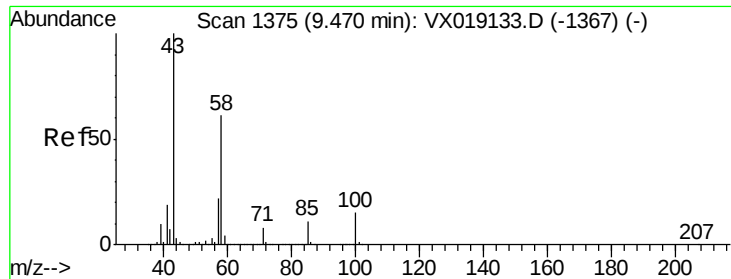
Tot Ion: 76 Resp: 5182
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.666 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 63 Resp: 14555
 Ion Ratio Lower Upper
 63 100
 106 30.1 25.1 37.7

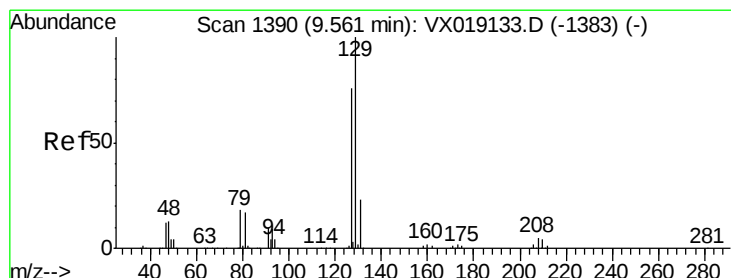
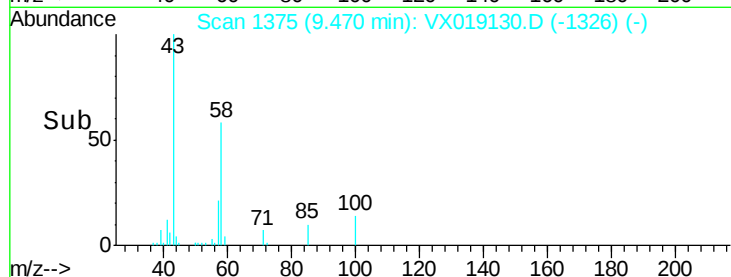
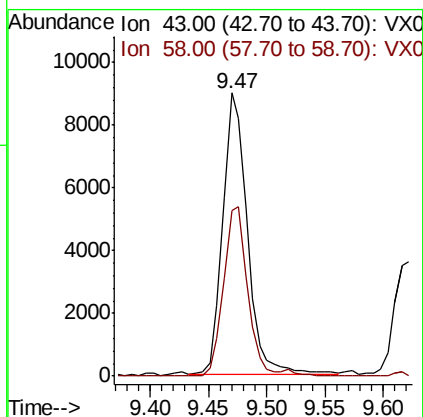
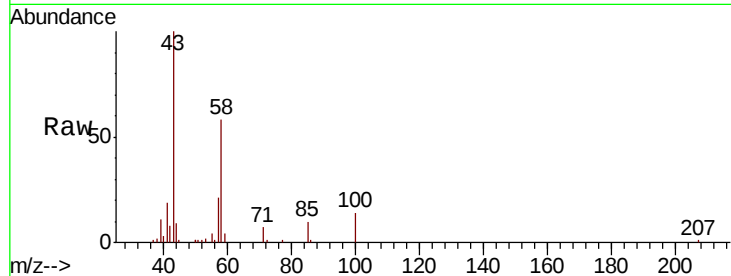




#59
2-Hexanone
Concen: 4.713 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

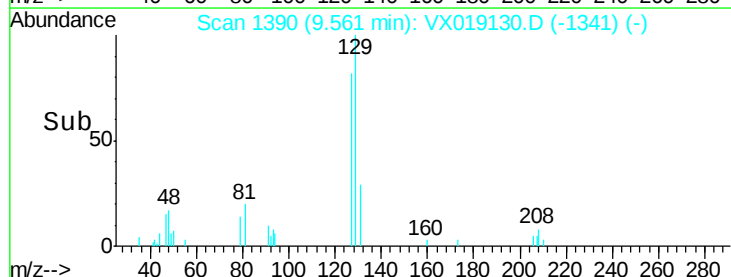
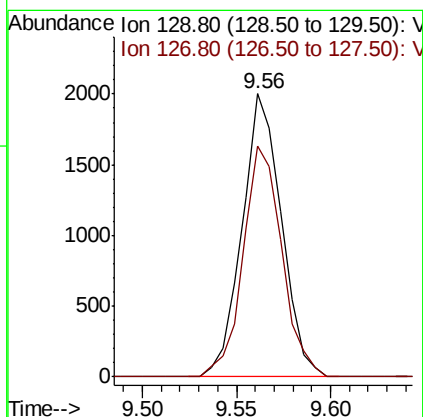
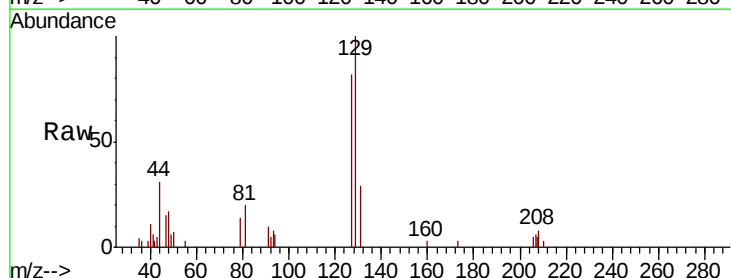
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

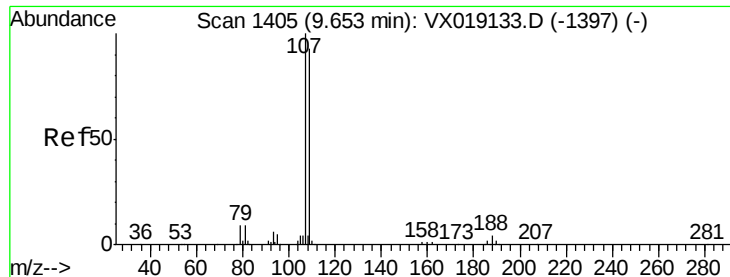
Tot Ion: 43 Resp: 13153
Ion Ratio Lower Upper
43 100
58 59.8 30.5 91.5



#60
Dibromochloromethane
Concen: 0.827 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 129 Resp: 2894
Ion Ratio Lower Upper
129 100
127 80.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.948 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

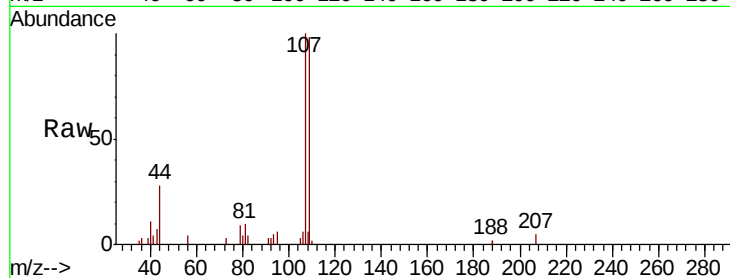
VSTDIC001

Tot Ion:107 Resp: 3305

Ion Ratio Lower Upper

107 100

109 98.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2500

2000

1500

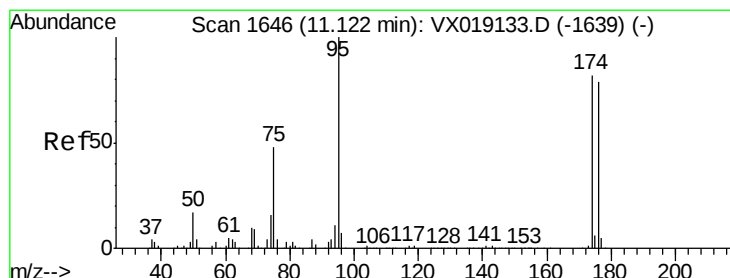
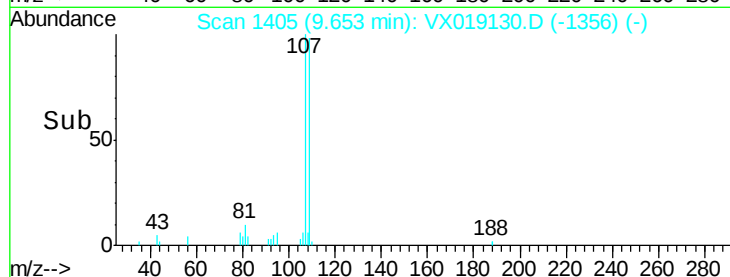
1000

500

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 1.575 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

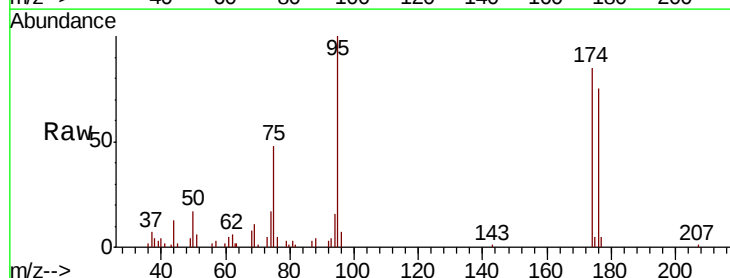
Tgt Ion: 95 Resp: 6605

Ion Ratio Lower Upper

95 100

174 81.1 0.0 156.0

176 71.4 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

6000

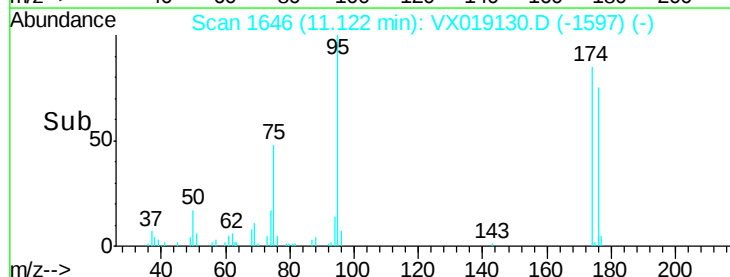
4000

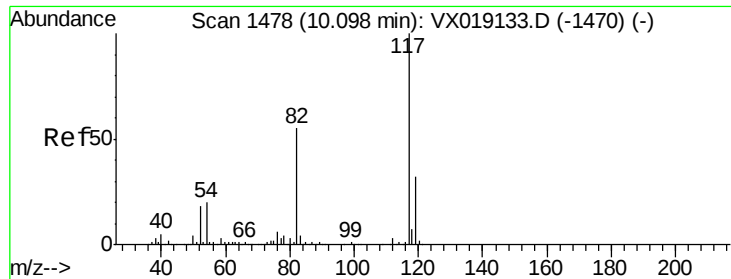
2000

0

Time-->

11.05 11.10 11.15 11.20

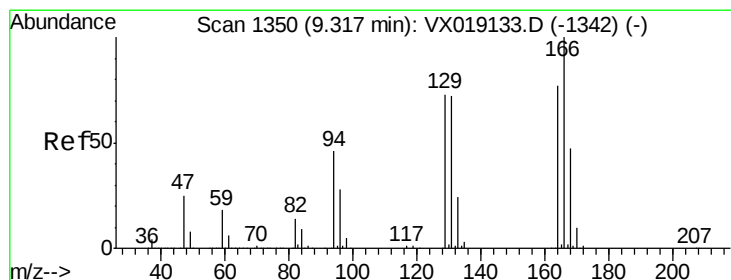
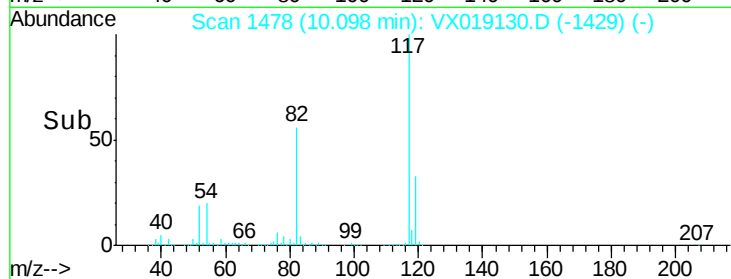
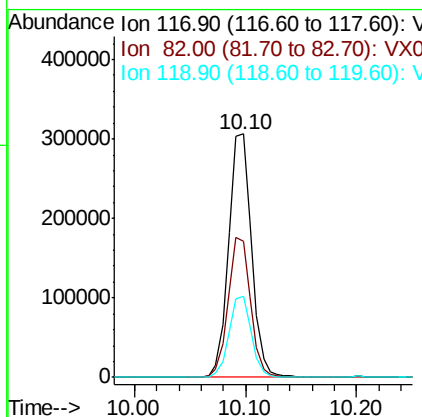
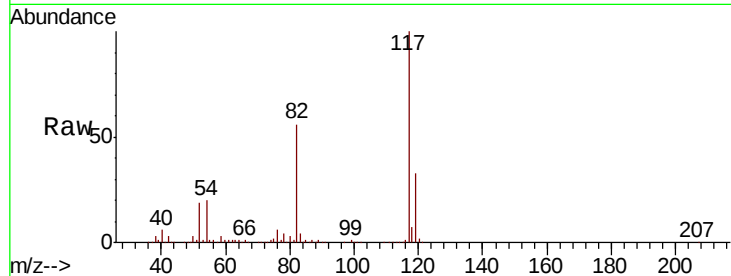




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

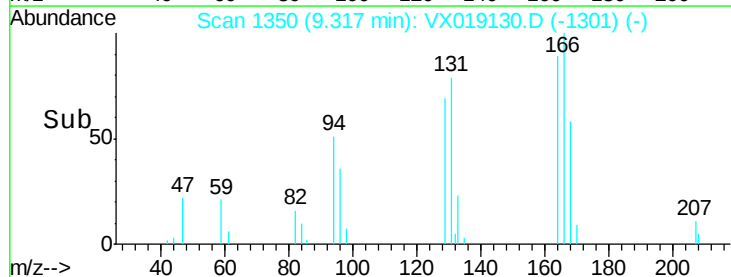
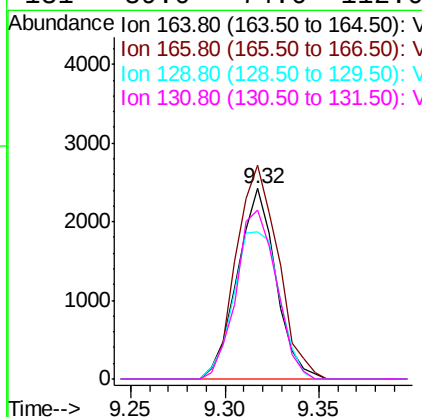
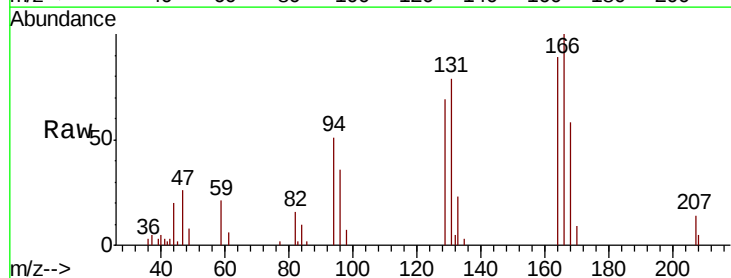
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

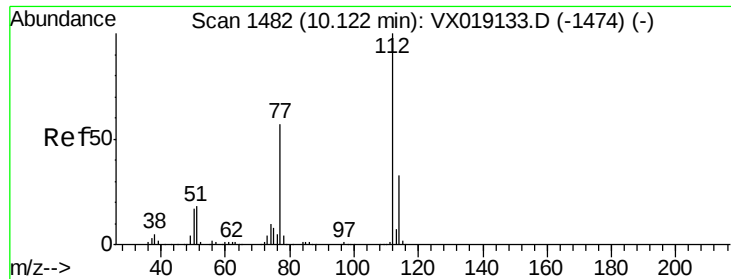
Tot Ion:117 Resp: 436310
Ion Ratio Lower Upper
117 100
82 55.8 43.6 65.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.037 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion:164 Resp: 3450
Ion Ratio Lower Upper
164 100
166 112.3 104.1 156.1
129 77.7 76.2 114.4
131 89.0 74.6 112.0

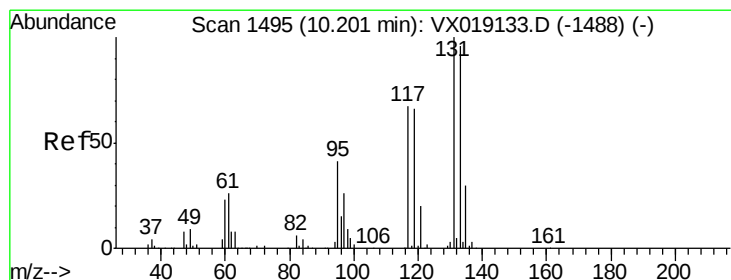
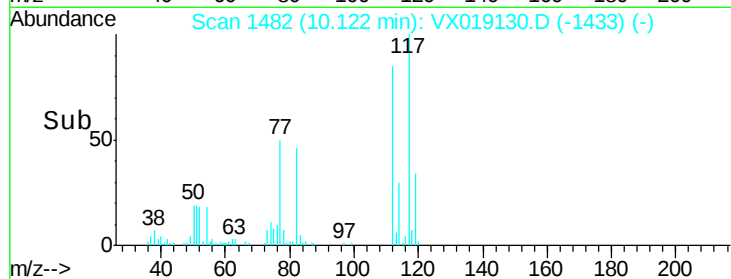
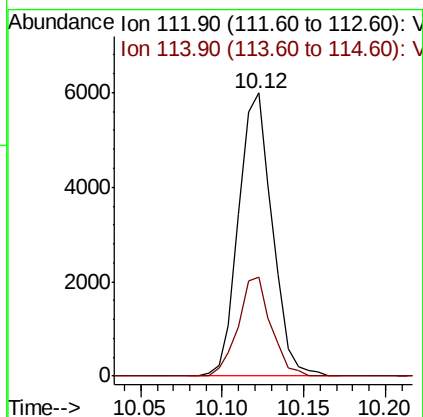
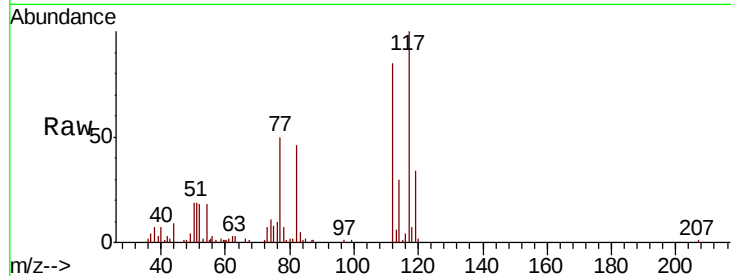




#65
Chlorobenzene
Concen: 0.990 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

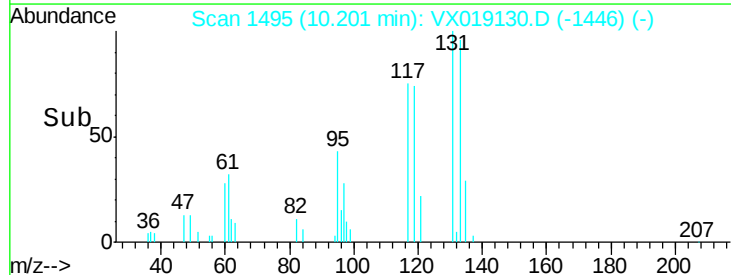
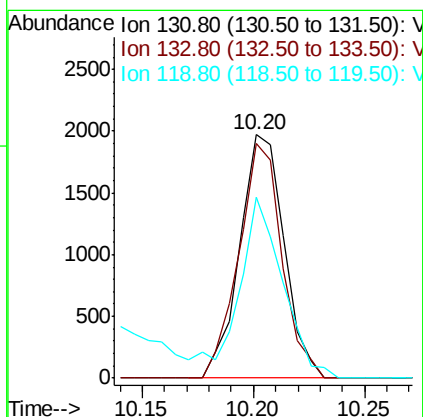
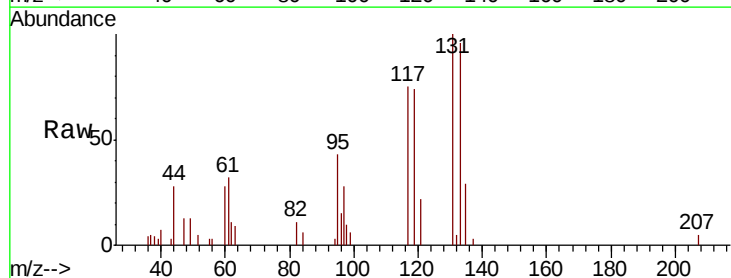
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

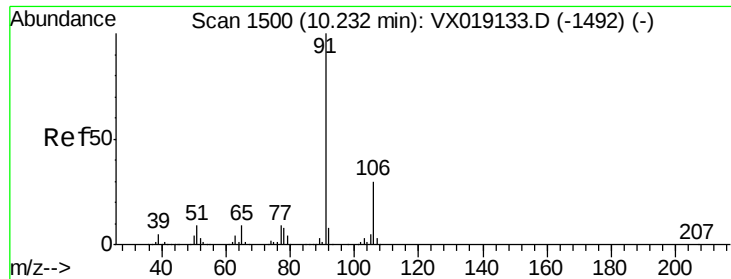
Tot Ion:112 Resp: 8629
Ion Ratio Lower Upper
112 100
114 35.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.880 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion:131 Resp: 2741
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.8
119 0.0 32.3 96.9#

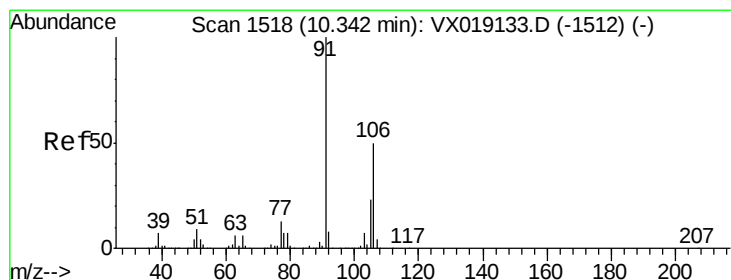
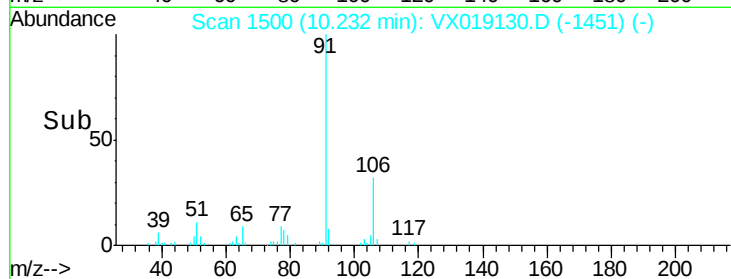
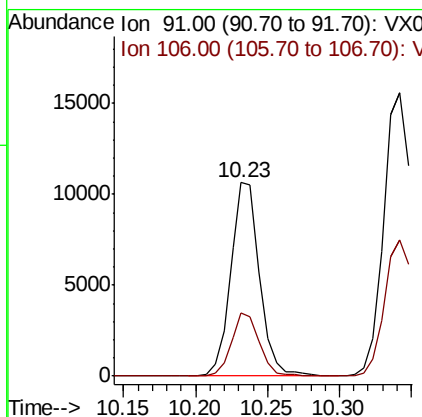
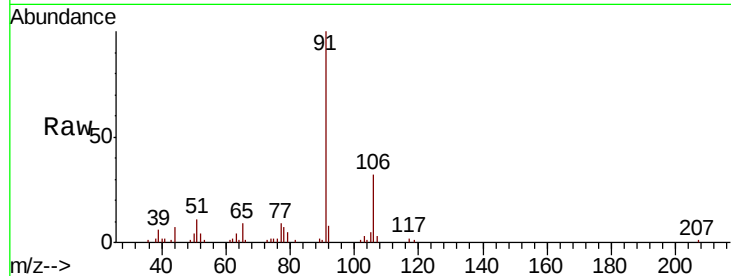




#67
Ethyl Benzene
Concen: 0.975 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

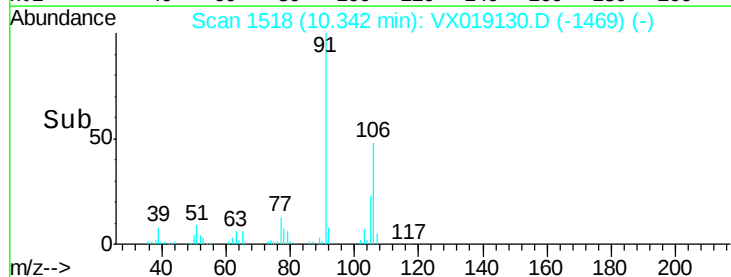
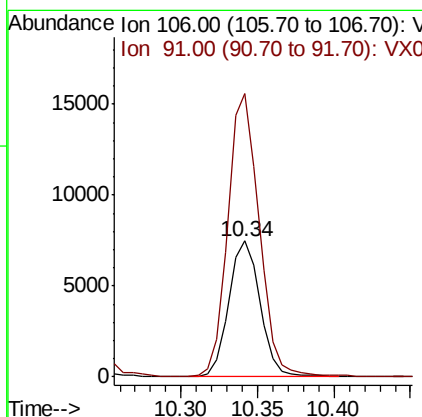
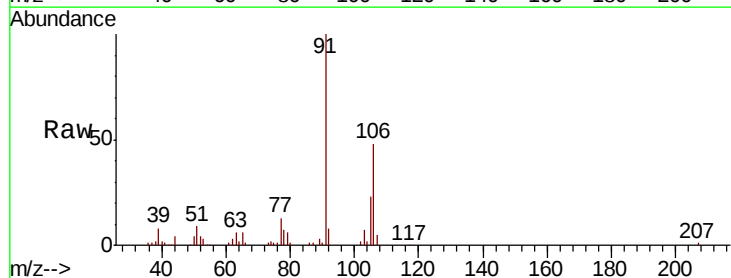
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

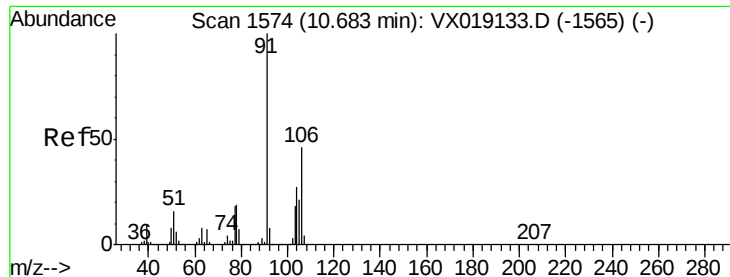
Tot Ion: 91 Resp: 14865
Ion Ratio Lower Upper
91 100
106 32.4 24.3 36.5



#68
m/p-Xylenes
Concen: 1.808 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 106 Resp: 10595
Ion Ratio Lower Upper
106 100
91 209.6 161.0 241.4

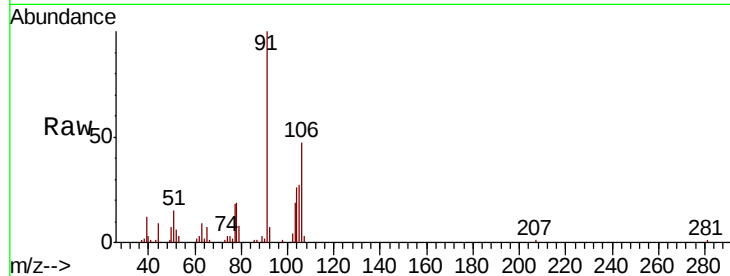




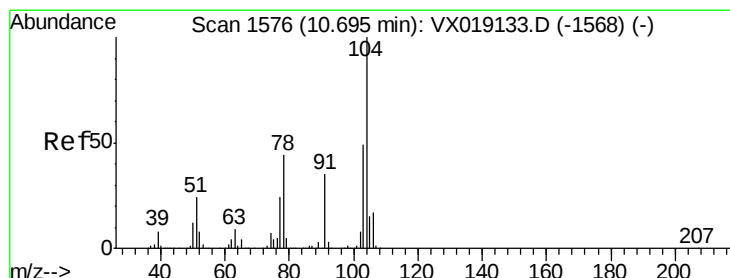
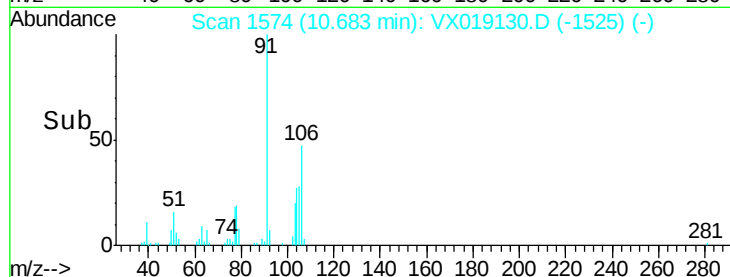
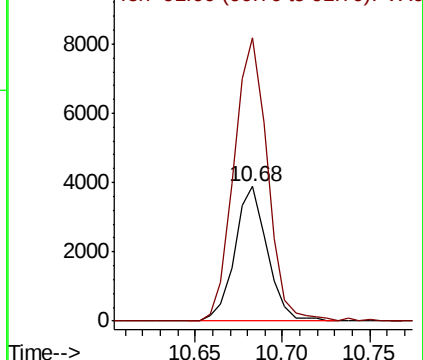
#69
o-Xylene
Concen: 0.898 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 5042
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.8

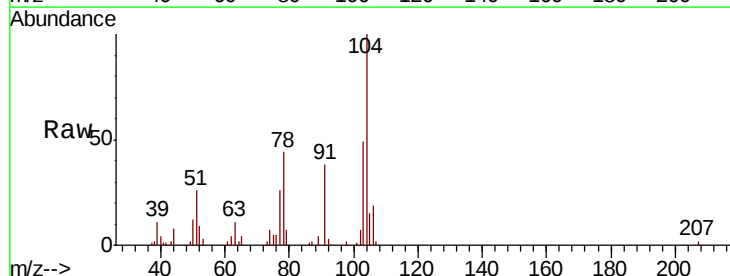


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

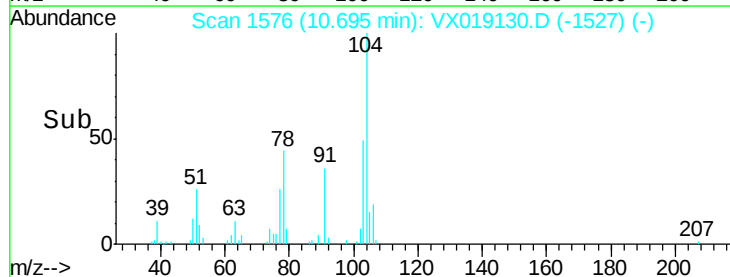
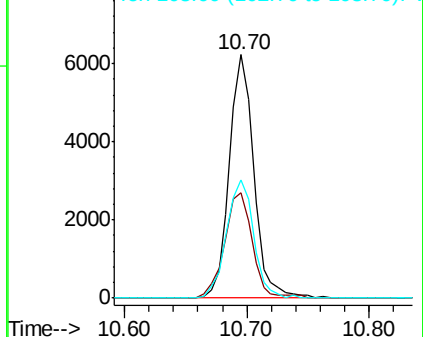


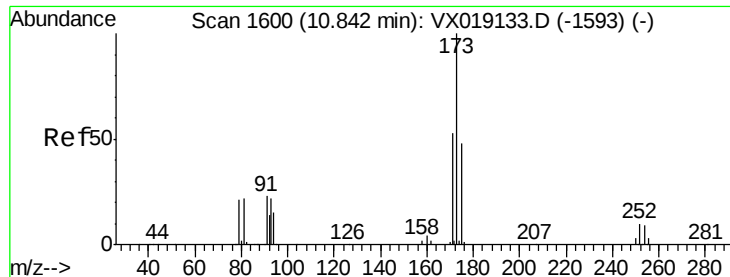
#70
Styrene
Concen: 0.919 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion:104 Resp: 8599
Ion Ratio Lower Upper
104 100
78 49.1 40.0 60.0
103 53.8 43.5 65.3



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





#71

Bromoform

Concen: 0.846 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

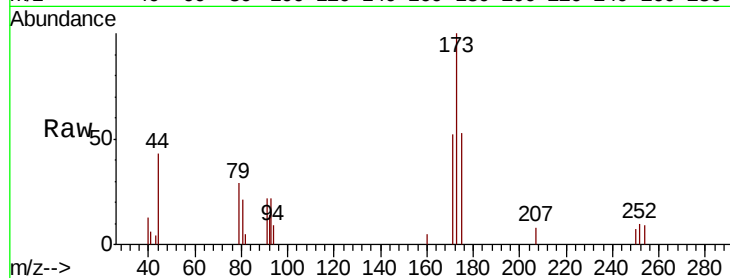
Tot Ion:173 Resp: 2077

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

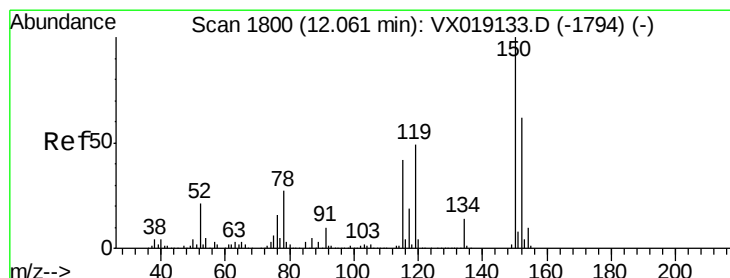
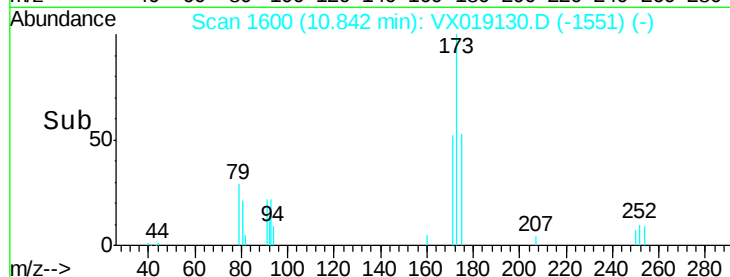
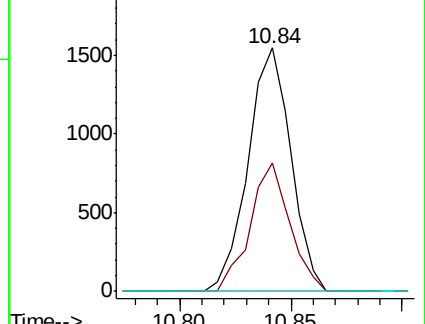
254 0.0 0.1 0.1#



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: VX019130.D

Acq: 27 Oct 2020 11:30

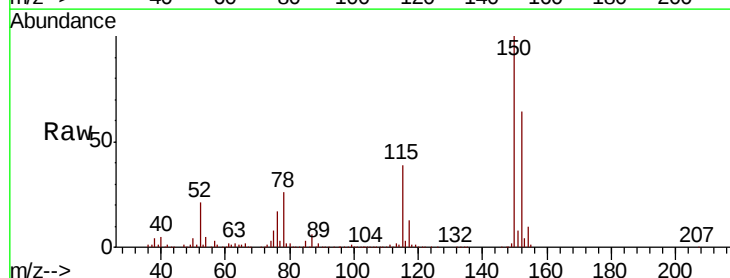
Tgt Ion:152 Resp: 210708

Ion Ratio Lower Upper

152 100

115 60.2 41.9 125.7

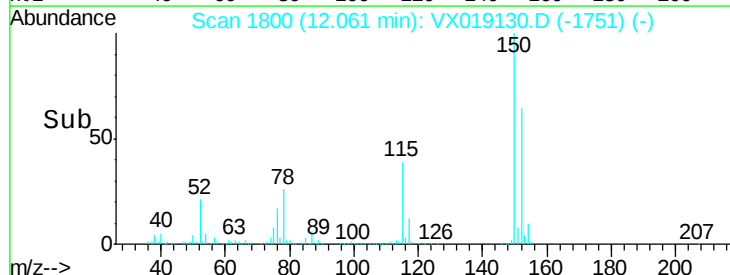
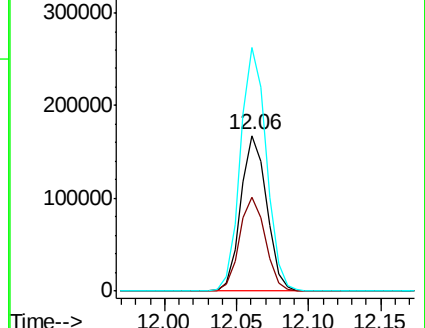
150 156.5 0.0 347.8

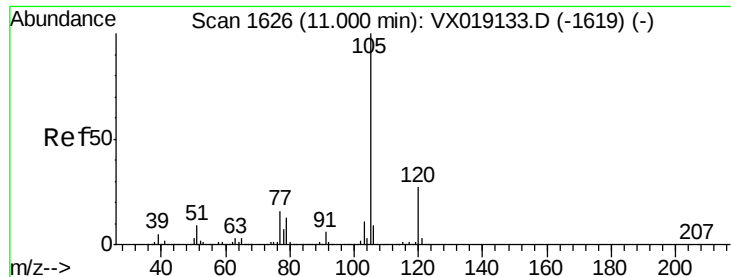


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

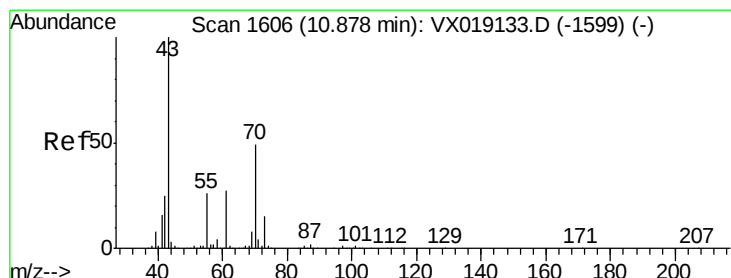
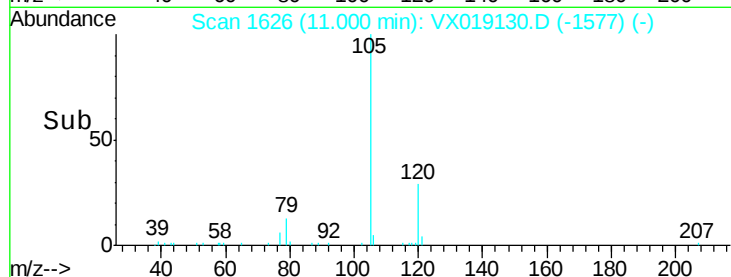
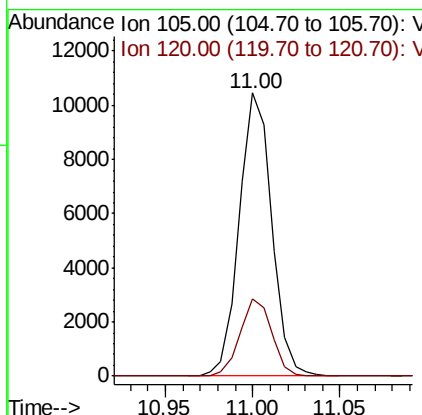
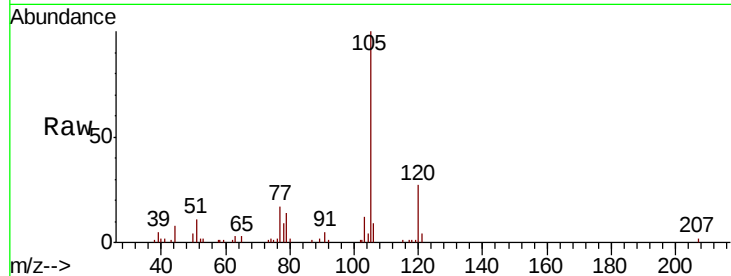




#73
Isopropylbenzene
Concen: 0.953 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

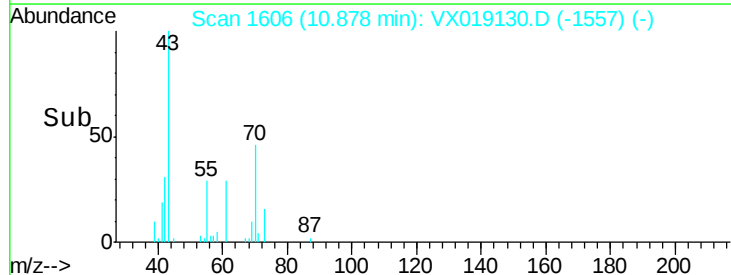
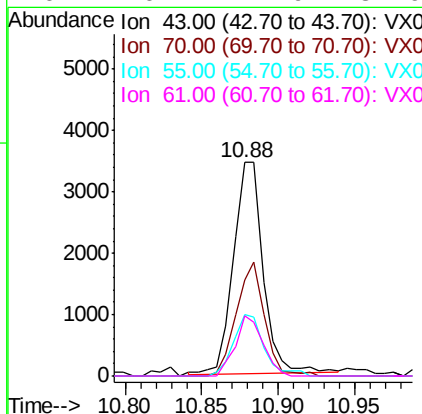
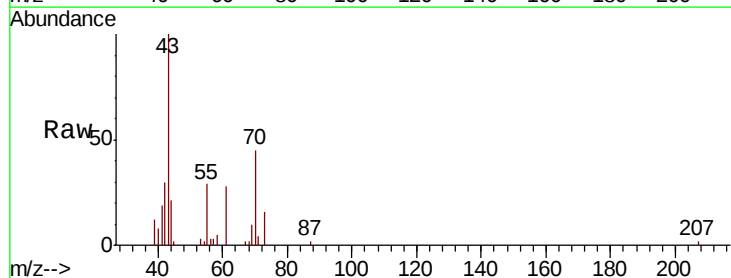
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

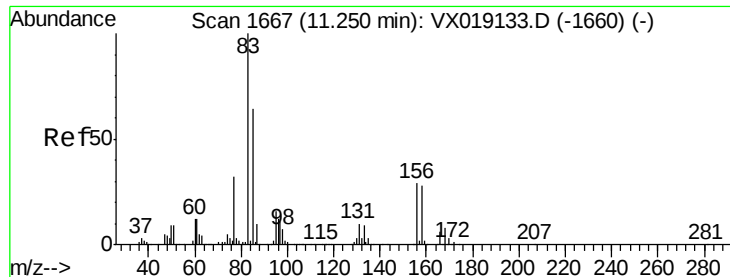
Tot Ion:105 Resp: 13491
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8



#74
N-ethyl acetate
Concen: 1.017 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
70 50.6 39.6 59.4
55 29.7 20.7 31.1
61 26.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 0.953 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

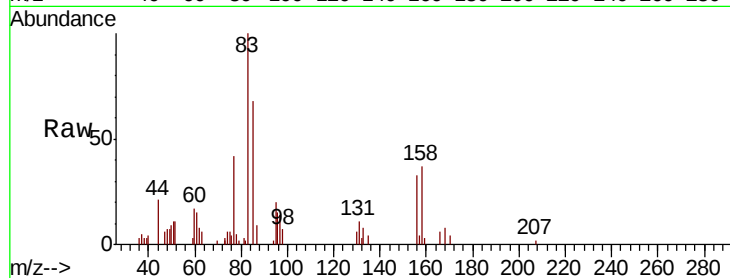
Tot Ion: 83 Resp: 4214

Ion Ratio Lower Upper

83 100

131 11.2 5.2 15.6

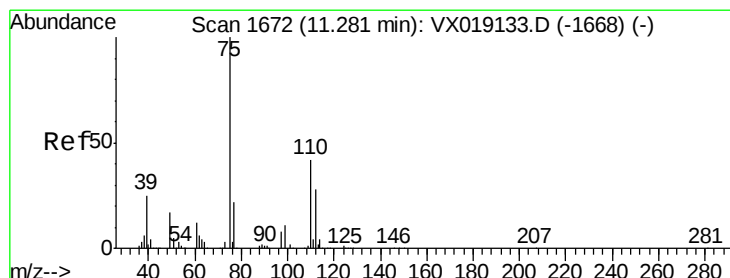
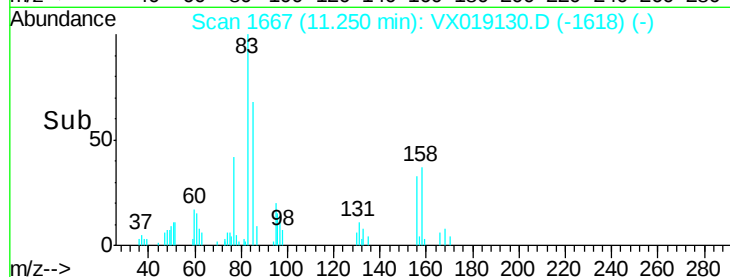
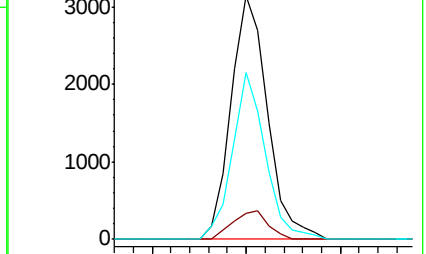
85 62.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.283 ug/l

RT: 11.27 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VX019130.D

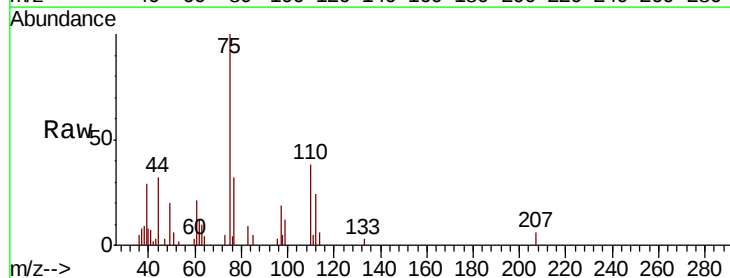
Acq: 27 Oct 2020 11:30

Tgt Ion: 75 Resp: 5051

Ion Ratio Lower Upper

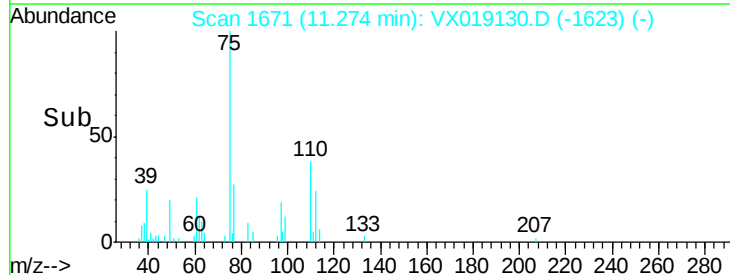
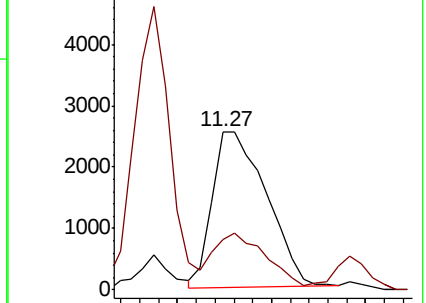
75 100

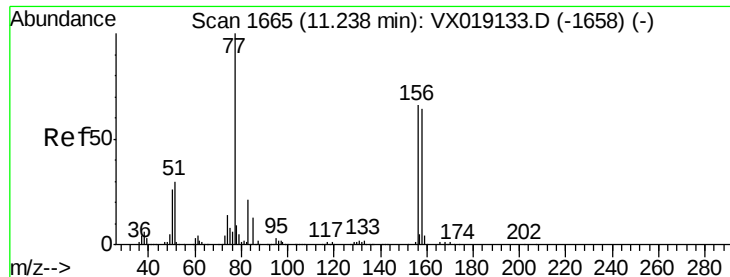
77 36.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.019 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

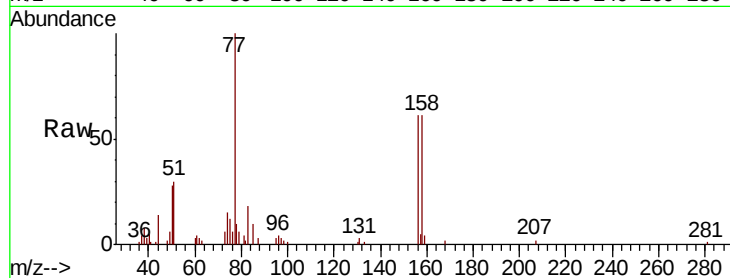
Tot Ion:156 Resp: 3615

Ion Ratio Lower Upper

156 100

77 168.7 77.7 233.1

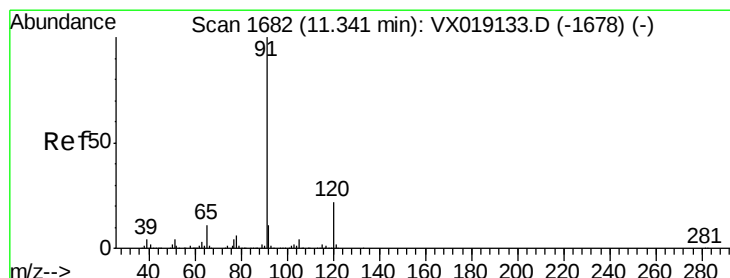
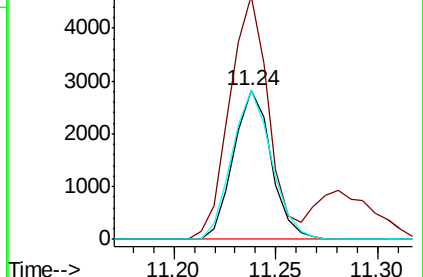
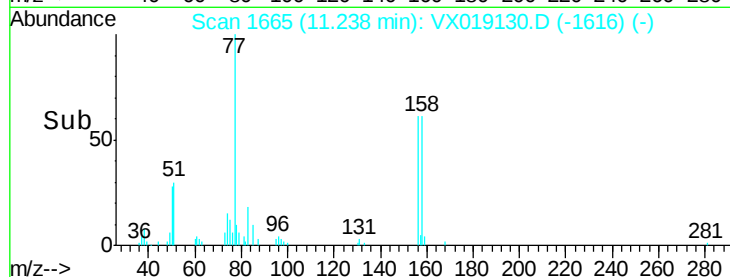
158 105.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.977 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019130.D

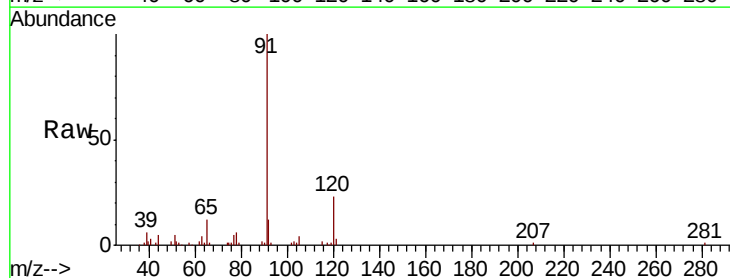
Acq: 27 Oct 2020 11:30

Tgt Ion: 91 Resp: 15528

Ion Ratio Lower Upper

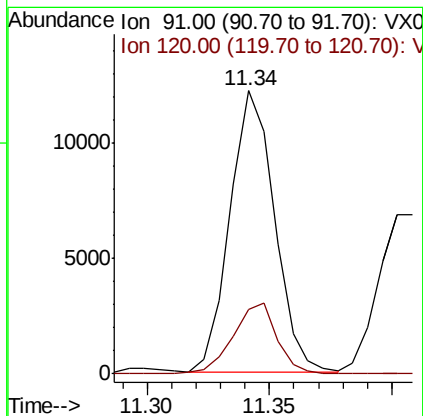
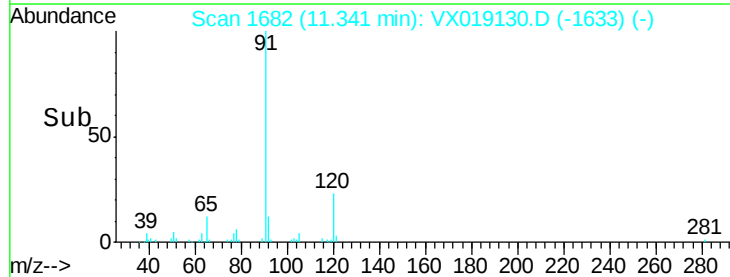
91 100

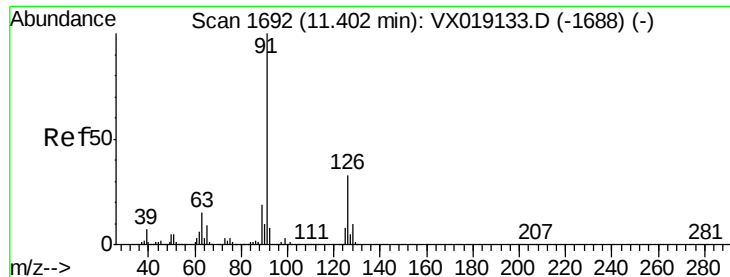
120 24.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

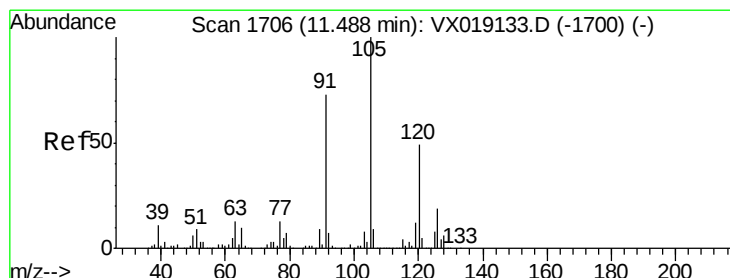
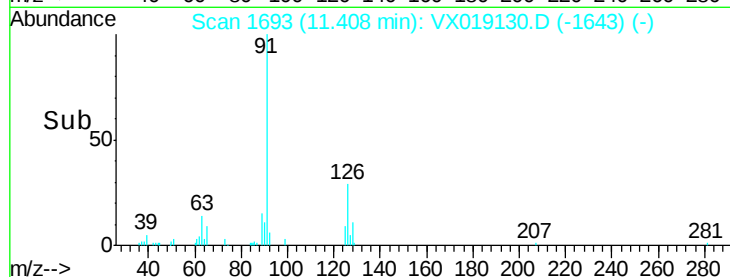
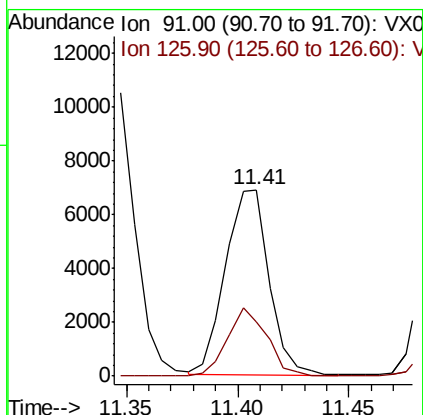
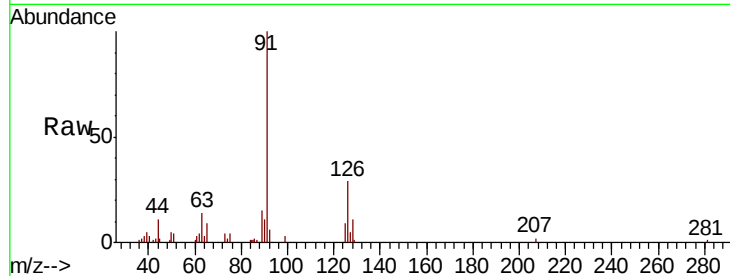




#79
 2-Chlorotoluene
 Concen: 1.006 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

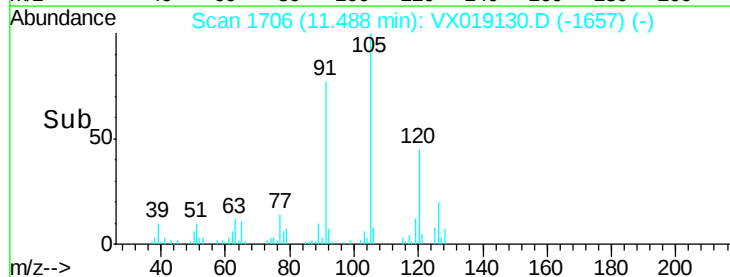
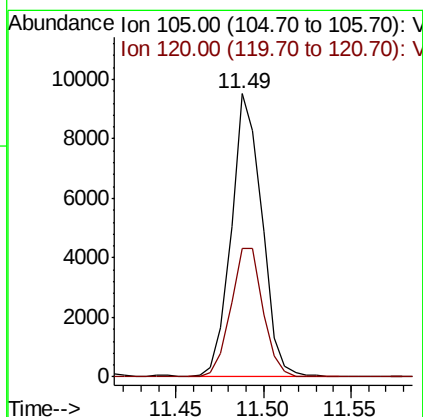
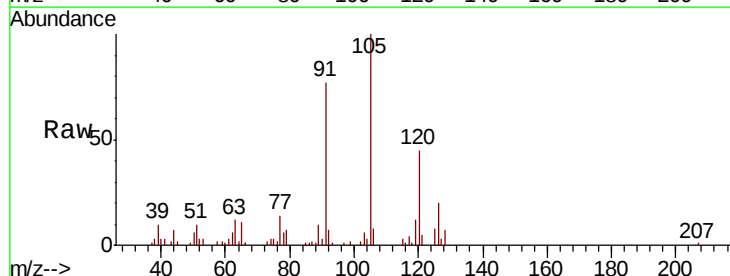
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

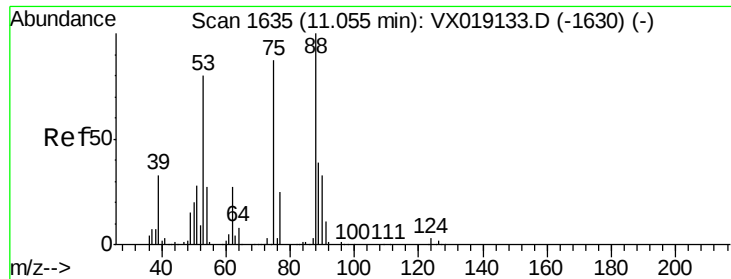
Tot Ion: 91 Resp: 9402
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.993 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 105 Resp: 11605
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.8

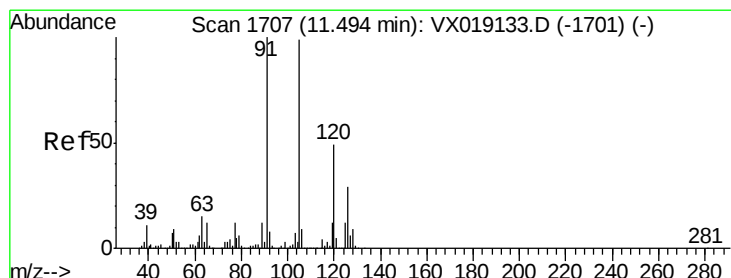
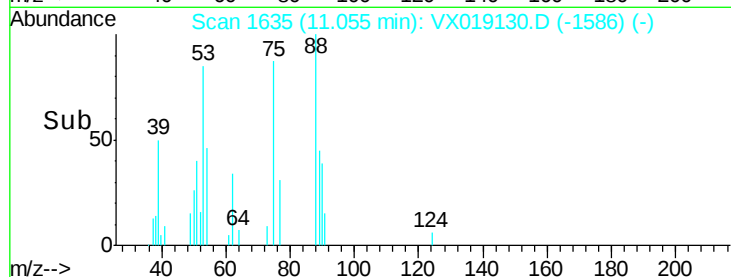
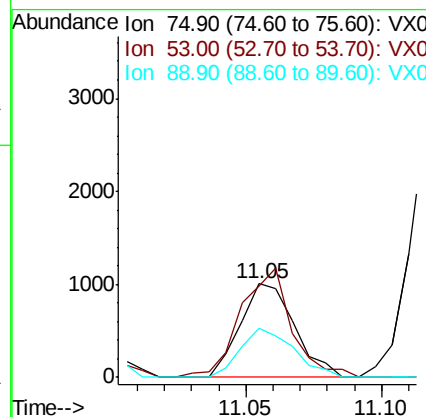
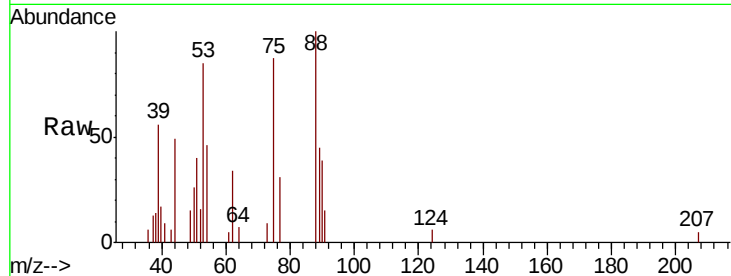




#81
trans-1,4-Dichloro-2-butene
Concen: 0.936 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

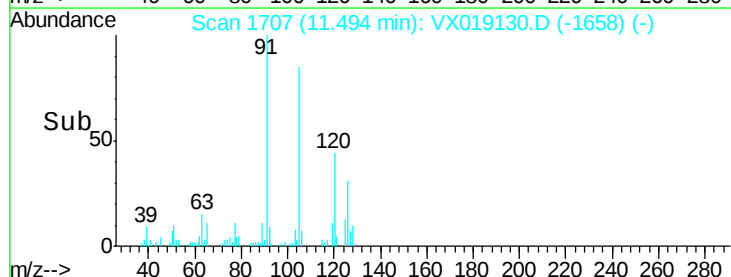
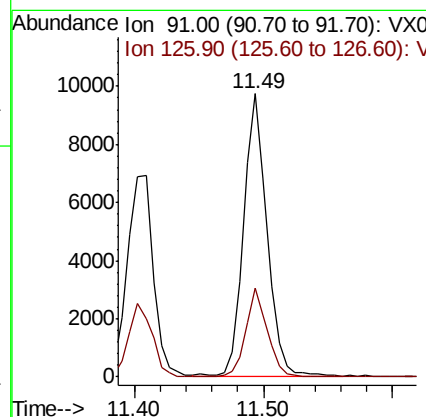
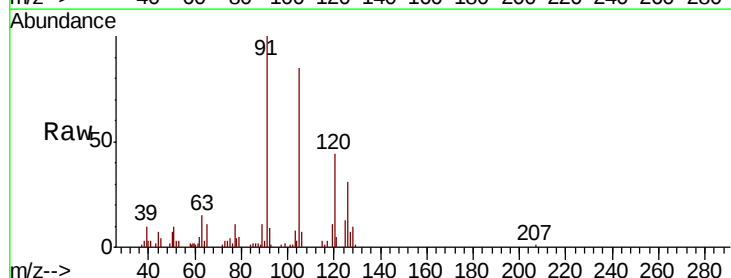
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

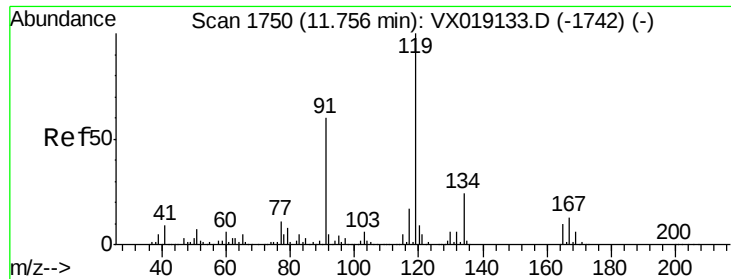
Tot Ion: 75 Resp: 1394
Ion Ratio Lower Upper
75 100
53 109.8 73.3 109.9
89 50.9 38.2 57.2



#82
4-Chlorotoluene
Concen: 1.114 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 91 Resp: 12329
Ion Ratio Lower Upper
91 100
126 28.5 14.8 44.4

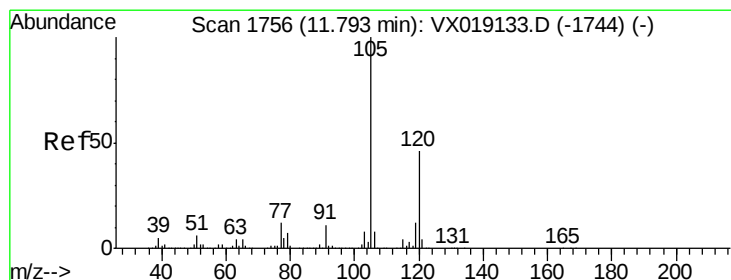
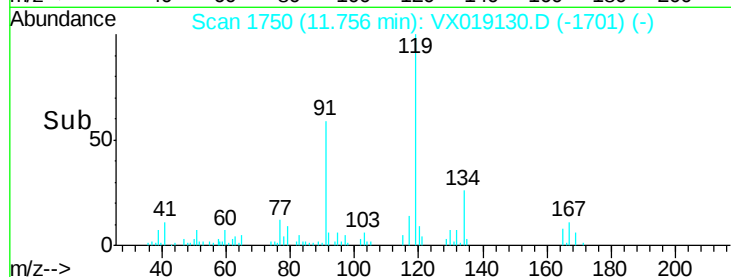
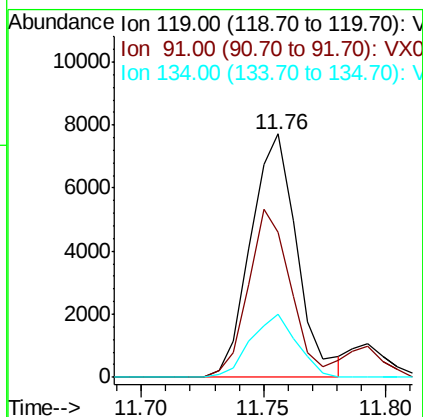
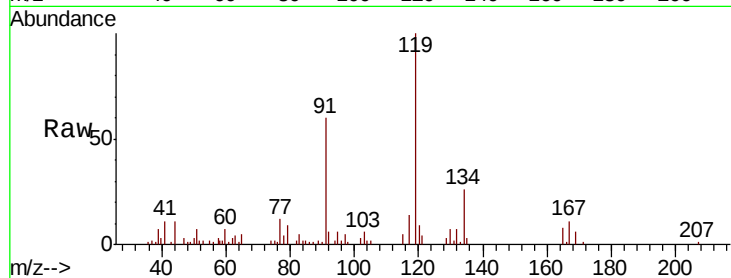




#83
 tert-Butylbenzene
 Concen: 0.892 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

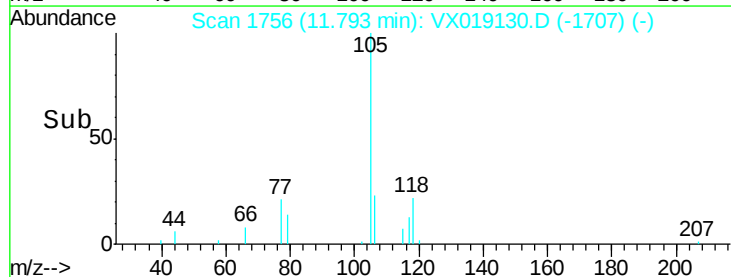
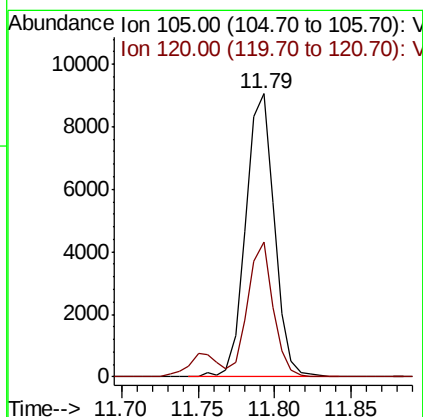
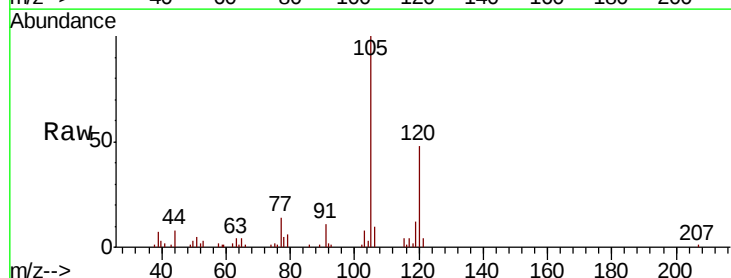
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

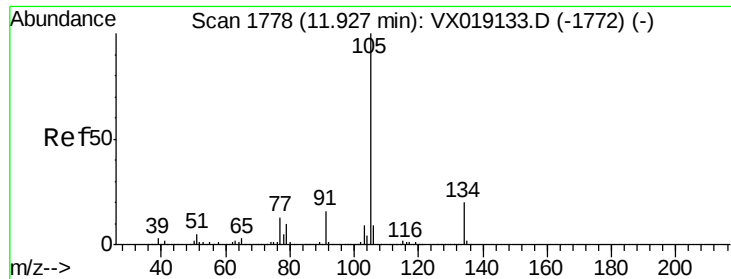
Tot Ion:119 Resp: 10190
 Ion Ratio Lower Upper
 119 100
 91 63.0 29.0 87.1
 134 25.8 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.994 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion:105 Resp: 11748
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.945 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

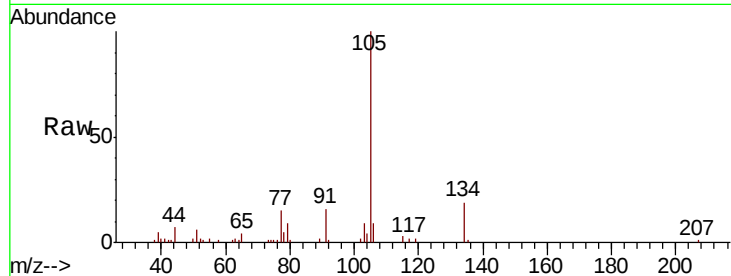
VSTDIC001

Tot Ion:105 Resp: 12948

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

12000

10000

8000

6000

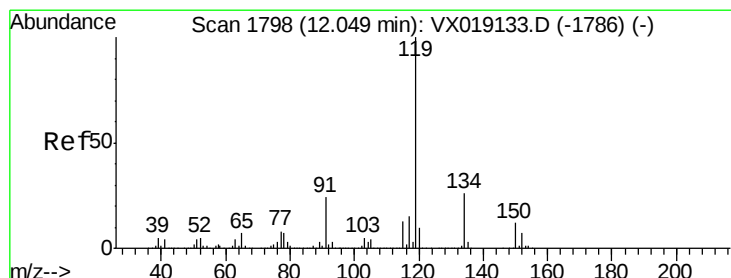
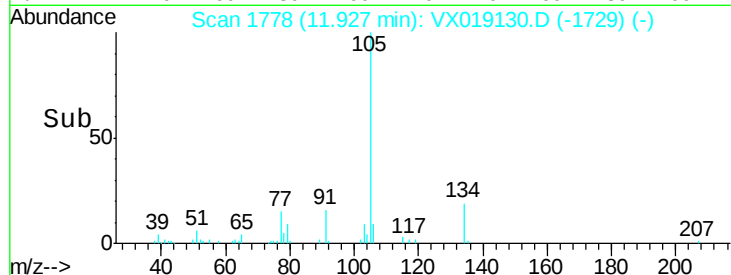
4000

2000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 0.920 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

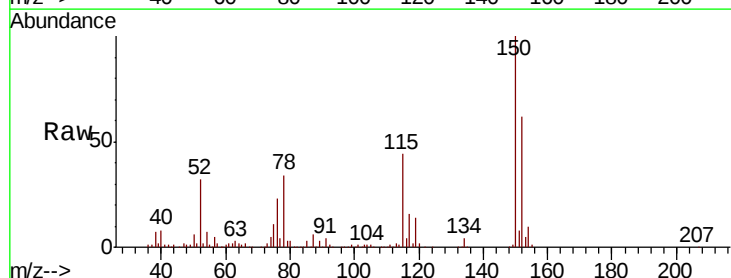
Tgt Ion:119 Resp: 11677

Ion Ratio Lower Upper

119 100

134 29.2 12.9 38.7

91 31.2 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

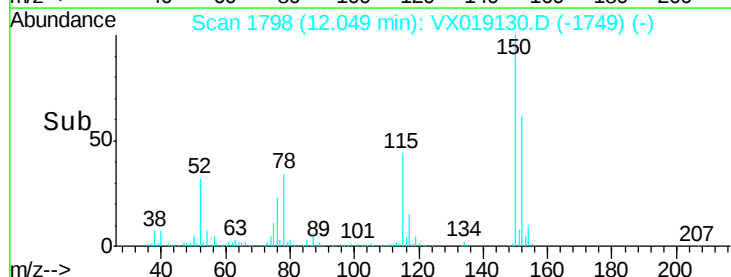
10000

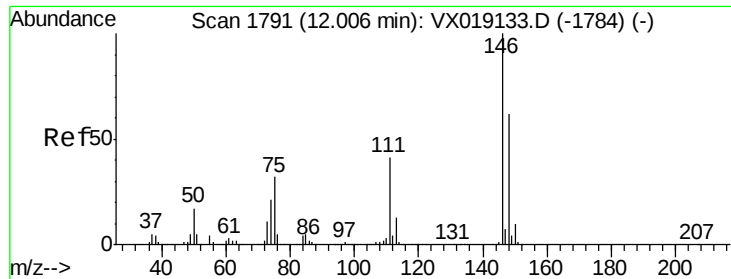
5000

0

Time-->

12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 1.056 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

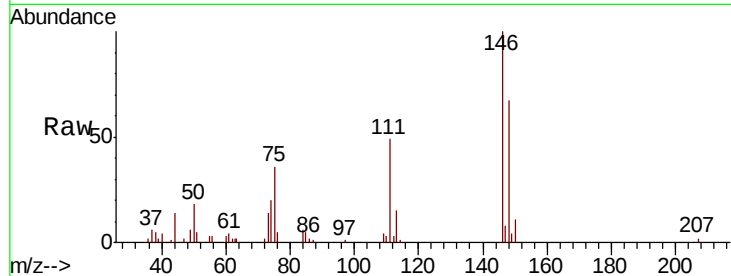
Tot Ion:146 Resp: 6933

Ion Ratio Lower Upper

146 100

111 44.9 20.4 61.2

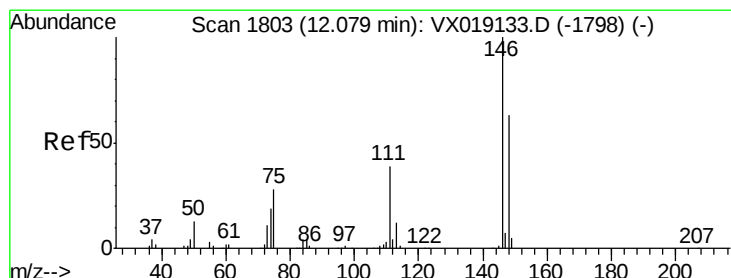
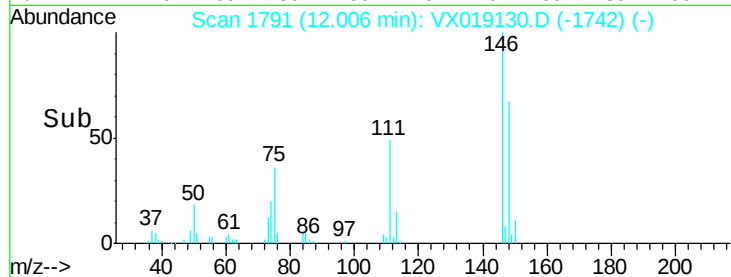
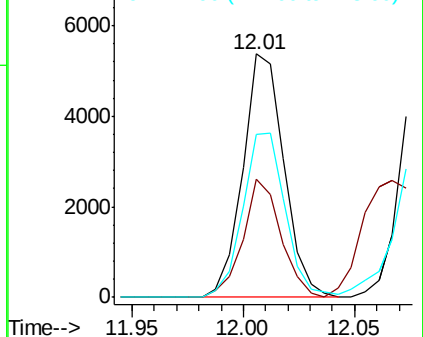
148 69.6 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.014 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.07 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

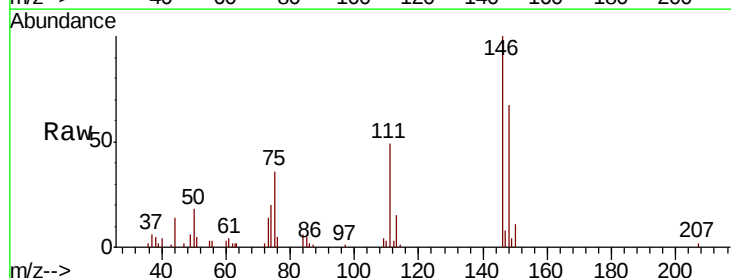
Tgt Ion:146 Resp: 6933

Ion Ratio Lower Upper

146 100

111 44.9 20.2 60.5

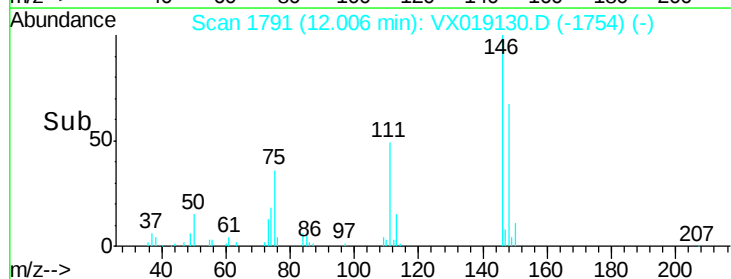
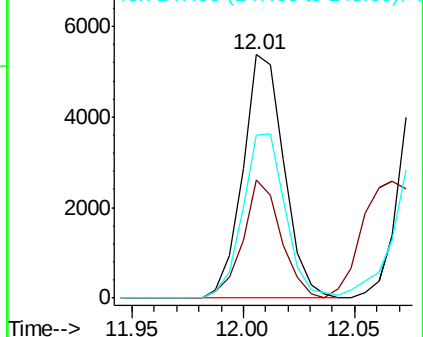
148 69.6 31.3 93.8

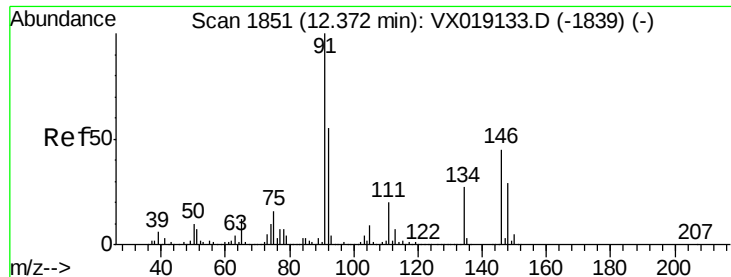


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

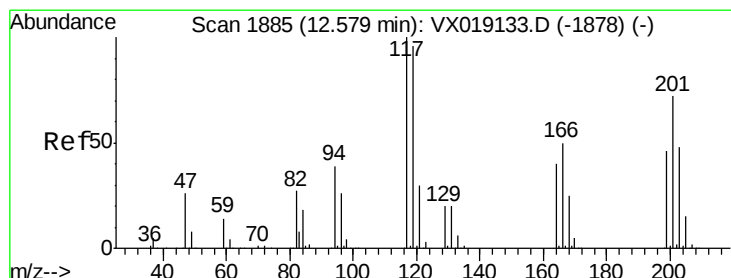
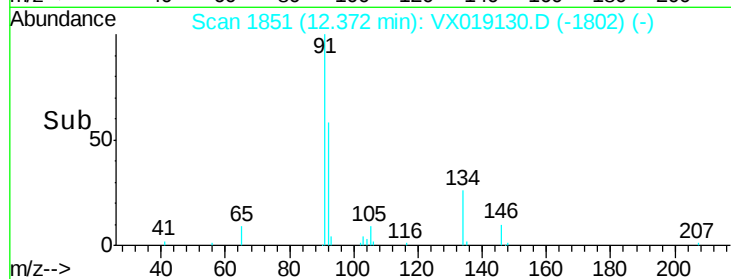
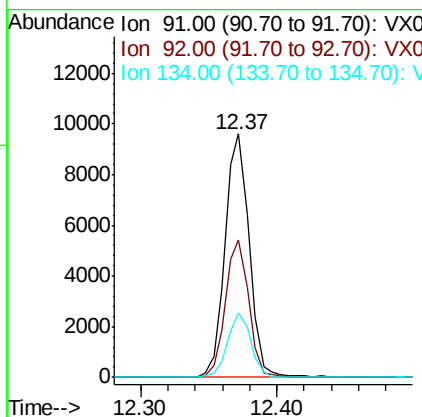
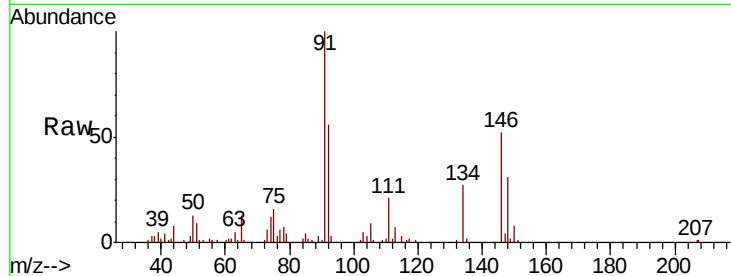




#89
n-Butylbenzene
Concen: 1.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

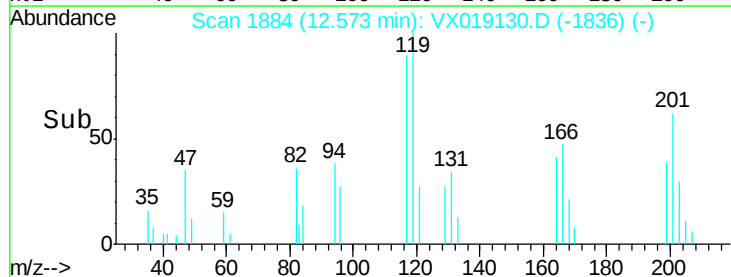
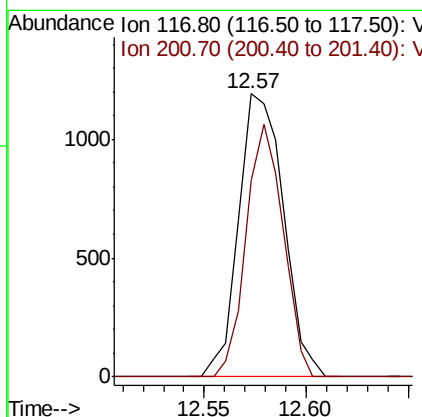
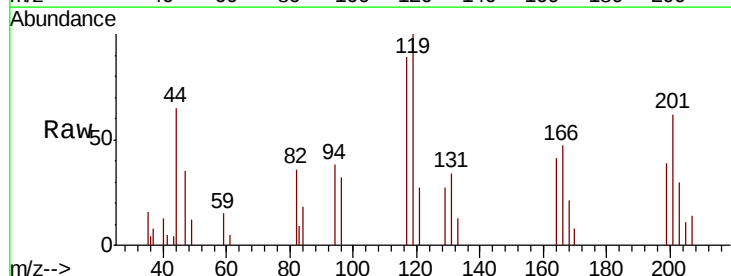
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

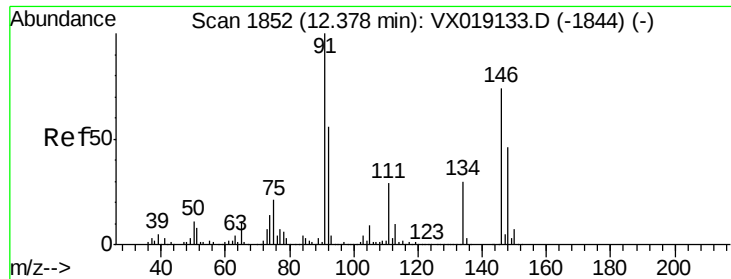
Tot Ion: 91 Resp: 11808
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.5 13.2 39.6



#90
Hexachloroethane
Concen: 0.858 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019130.D
Acq: 27 Oct 2020 11:30

Tgt Ion: 117 Resp: 1821
Ion Ratio Lower Upper
117 100
201 73.7 38.5 115.3

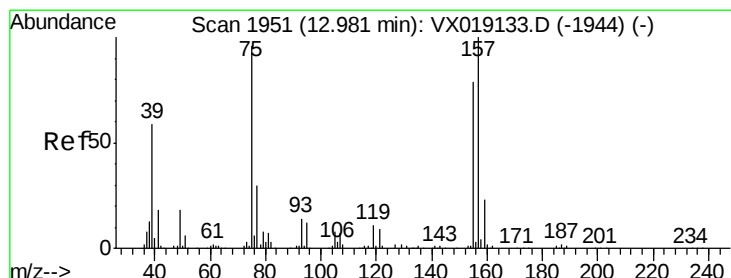
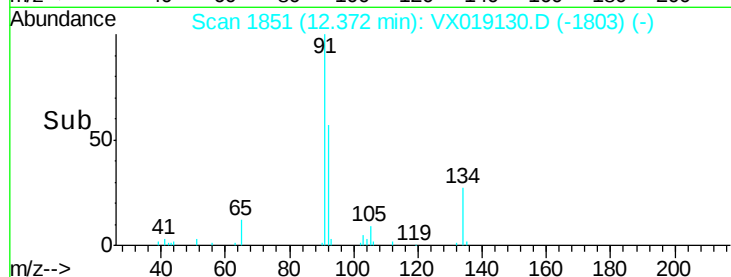
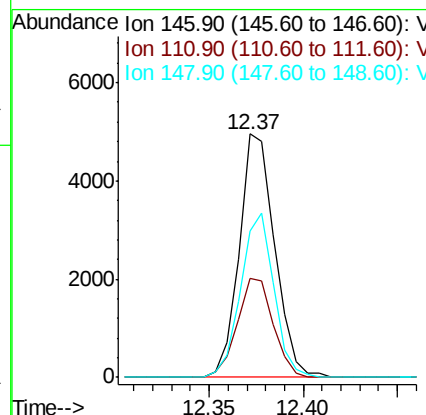
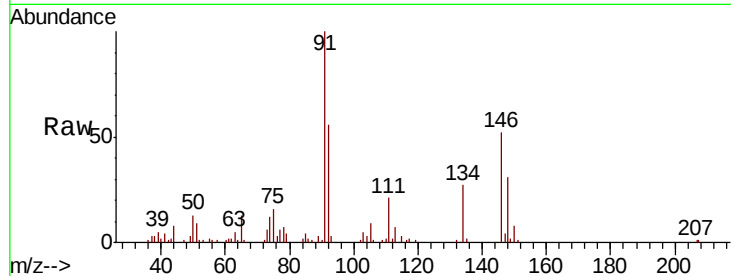




#91
 1,2-Dichlorobenzene
 Concen: 1.005 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

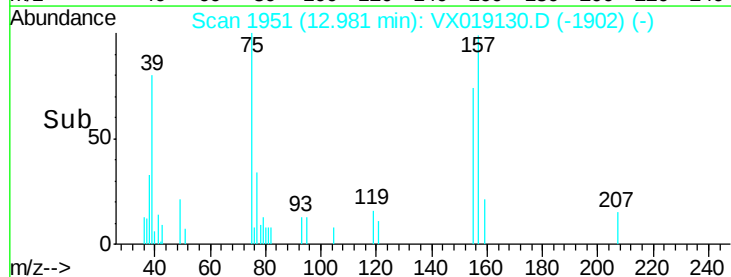
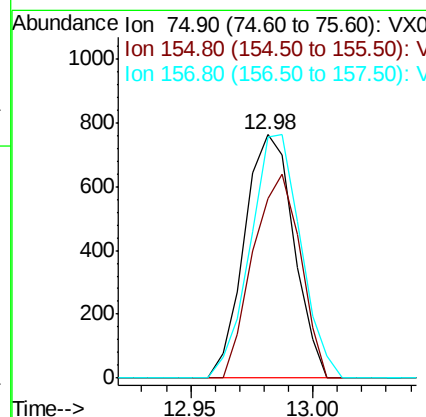
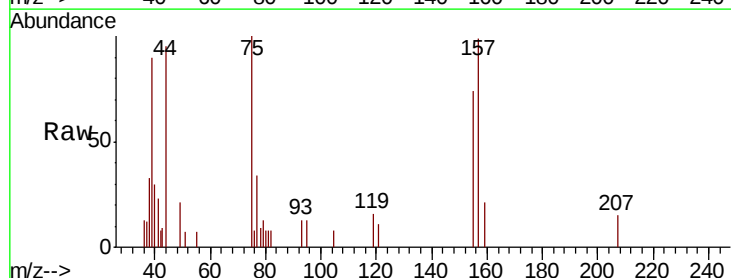
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

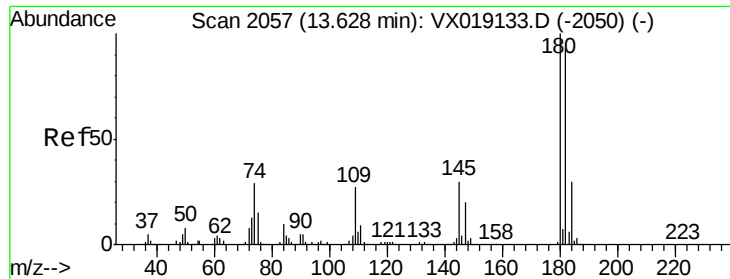
Tot Ion:146 Resp: 6462
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 63.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.091 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion: 75 Resp: 1066
 Ion Ratio Lower Upper
 75 100
 155 80.3 42.8 128.4
 157 102.3 54.8 164.4

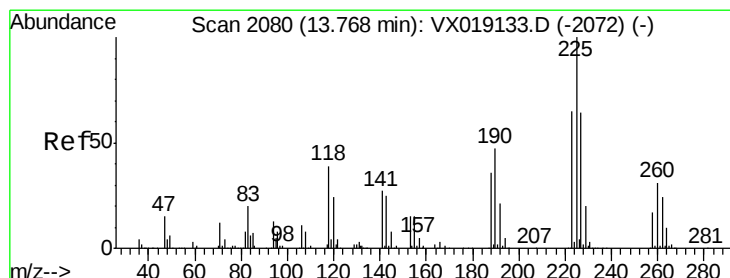
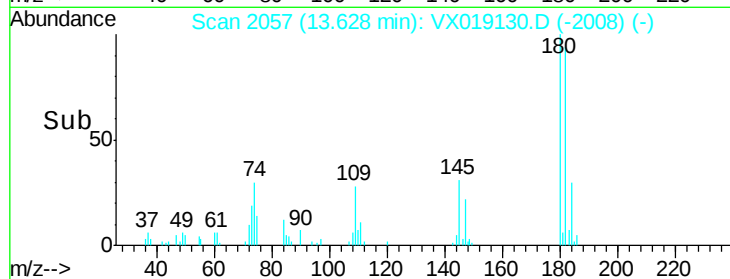
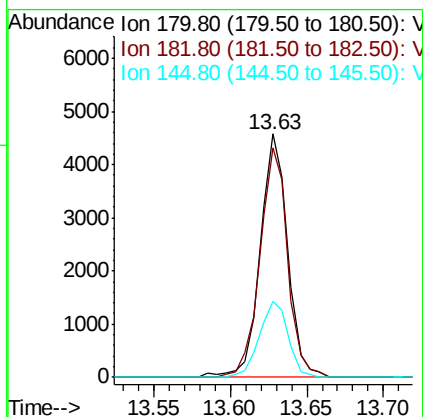
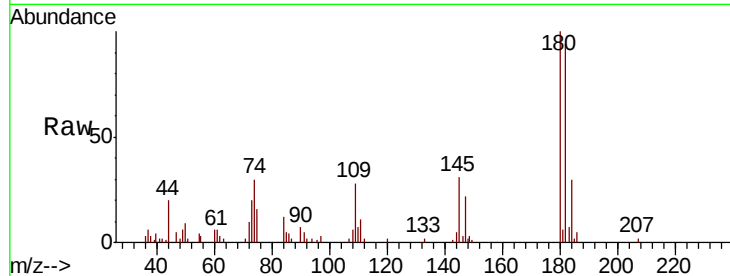




#93
 1,2,4-Trichlorobenzene
 Concen: 1.282 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

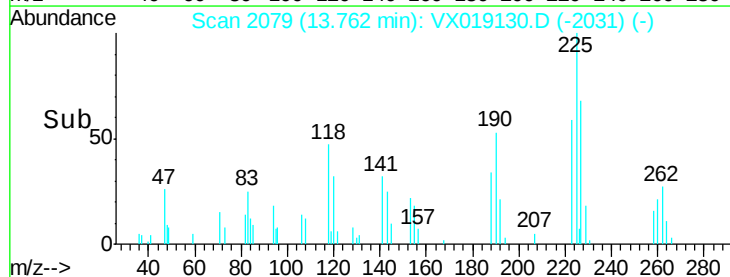
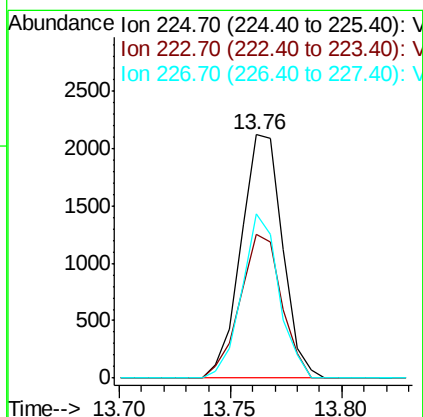
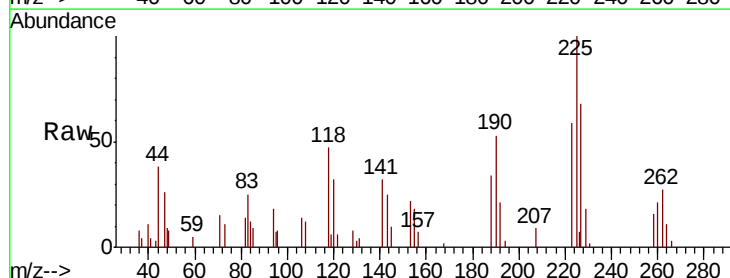
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

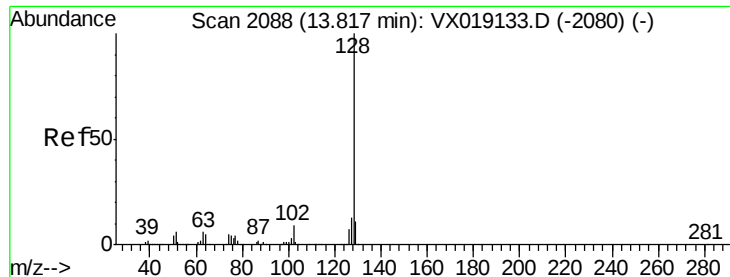
Tot Ion:180 Resp: 5743
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.8 140.3
 145 32.7 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 1.389 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019130.D
 Acq: 27 Oct 2020 11:30

Tgt Ion:225 Resp: 2764
 Ion Ratio Lower Upper
 225 100
 223 59.2 32.4 97.2
 227 60.1 31.6 94.7





#95

Naphthalene

Concen: 1.197 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

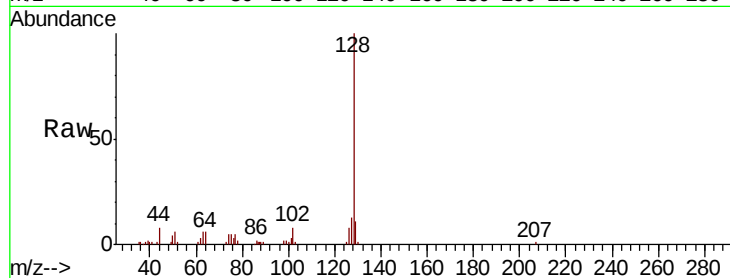
Tot Ion:128 Resp: 16895

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

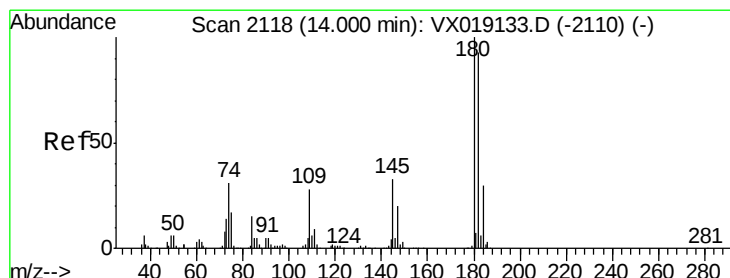
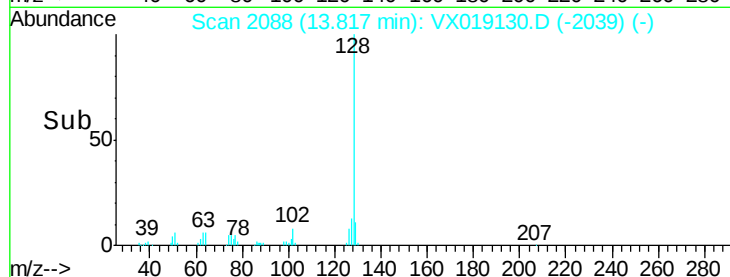
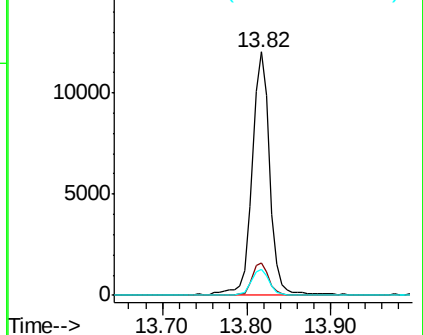
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.284 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019130.D

Acq: 27 Oct 2020 11:30

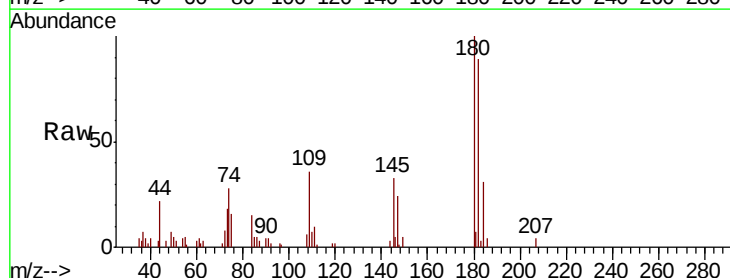
Tgt Ion:180 Resp: 5644

Ion Ratio Lower Upper

180 100

182 92.5 47.8 143.3

145 31.0 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

