

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019332.D
 Acq On : 06 Nov 2020 11:37
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Quant Time: Nov 07 01:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	267749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175160	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.46	113	134740	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.70	98	512499	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	203000	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40975	18.357	ug/l	99
3) Chloromethane	1.31	50	47195	18.925	ug/l	99
4) Vinyl Chloride	1.40	62	54698	18.913	ug/l	98
5) Bromomethane	1.64	94	40689	20.602	ug/l	99
6) Chloroethane	1.71	64	36816	19.938	ug/l	98
7) Trichlorofluoromethane	1.92	101	86515	19.042	ug/l	96
8) Diethyl Ether	2.17	74	35567	20.397	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48712	19.343	ug/l	97
10) Methyl Iodide	2.50	142	46245	19.951	ug/l	100
11) Tert butyl alcohol	3.01	59	68210	100.014	ug/l	99
12) 1,1-Dichloroethene	2.36	96	48130	18.547	ug/l	97
13) Acrolein	2.27	56	22659	78.279	ug/l	100
14) Allyl chloride	2.71	41	77775	19.787	ug/l	99
15) Acrylonitrile	3.11	53	146098	101.942	ug/l	99
16) Acetone	2.42	43	126286	106.015	ug/l	99
17) Carbon Disulfide	2.55	76	126369	17.584	ug/l	100
18) Methyl Acetate	2.75	43	64009	22.097	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185286	20.607	ug/l	98
20) Methylene Chloride	2.84	84	57740	19.307	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55679	18.643	ug/l	96
22) Diisopropyl ether	3.82	45	167009	21.313	ug/l	97
23) Vinyl Acetate	3.78	43	723862	103.587	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98505	20.133	ug/l	100
25) 2-Butanone	4.63	43	198996	105.998	ug/l	96
26) 2,2-Dichloropropane	4.55	77	88972	19.344	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64801	19.416	ug/l	97
28) Bromochloromethane	4.98	49	46656	20.976	ug/l	93
29) Tetrahydrofuran	5.09	42	122959	103.930	ug/l	98
30) Chloroform	5.17	83	103647	19.902	ug/l	98
31) Cyclohexane	5.55	56	85089	19.494	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92824	19.660	ug/l	100
36) 1,1-Dichloropropene	5.77	75	78743	19.130	ug/l	98
37) Ethyl Acetate	4.79	43	76812	20.098	ug/l	99
38) Carbon Tetrachloride	5.75	117	78564	18.725	ug/l	98

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Quant Time: Nov 07 01:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92813	18.858	ug/l	97
40) Benzene	6.11	78	227660	19.507	ug/l	99
41) Methacrylonitrile	5.00	41	41775	20.297	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86628	20.140	ug/l	98
43) Isopropyl Acetate	6.41	43	128155	20.026	ug/l	99
44) Trichloroethene	7.18	130	61378	18.363	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58195	20.358	ug/l	99
46) Dibromomethane	7.63	93	41522	19.643	ug/l	95
47) Bromodichloromethane	7.87	83	81111	19.468	ug/l	98
48) Methyl methacrylate	7.74	41	61846	20.079	ug/l	99
49) 1,4-Dioxane	7.71	88	26632	388.806	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	382351	103.956	ug/l	99
52) Toluene	8.76	92	146063	19.432	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91084	19.140	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98108	19.605	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	58463	19.685	ug/l	100
56) Ethyl methacrylate	9.16	69	89733	20.003	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101102	20.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234018	93.278	ug/l	96
59) 2-Hexanone	9.47	43	295355	105.494	ug/l	99
60) Dibromochloromethane	9.56	129	61239	19.000	ug/l	100
61) 1,2-Dibromoethane	9.65	107	62361	19.636	ug/l	100
64) Tetrachloroethene	9.32	164	59368	18.926	ug/l	98
65) Chlorobenzene	10.12	112	156066	18.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56111	18.522	ug/l	99
67) Ethyl Benzene	10.23	91	282204	18.820	ug/l	99
68) m/p-Xylenes	10.34	106	212321	37.727	ug/l	98
69) o-Xylene	10.68	106	101225	18.963	ug/l	99
70) Styrene	10.70	104	172192	18.906	ug/l	99
71) Bromoform	10.84	173	42522	17.703	ug/l #	100
73) Isopropylbenzene	11.00	105	276235	18.633	ug/l	99
74) N-amyl acetate	10.88	43	106127	19.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	89509	19.319	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	107367	24.828	ug/l	86
77) Bromobenzene	11.24	156	67579	18.367	ug/l	93
78) n-propylbenzene	11.34	91	323514	19.117	ug/l	99
79) 2-Chlorotoluene	11.40	91	191258	19.196	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	235147	18.776	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28224	17.185	ug/l	94
82) 4-Chlorotoluene	11.49	91	231098	18.994	ug/l	98
83) tert-Butylbenzene	11.76	119	222303	18.538	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	239991	18.981	ug/l	98
85) sec-Butylbenzene	11.93	105	274026	19.053	ug/l	99
86) p-Isopropyltoluene	12.05	119	254928	19.204	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	125703	18.345	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	125557	17.603	ug/l	95
89) n-Butylbenzene	12.37	91	233670	18.726	ug/l	98
90) Hexachloroethane	12.58	117	40706	18.040	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	119173	18.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19489	17.183	ug/l	96

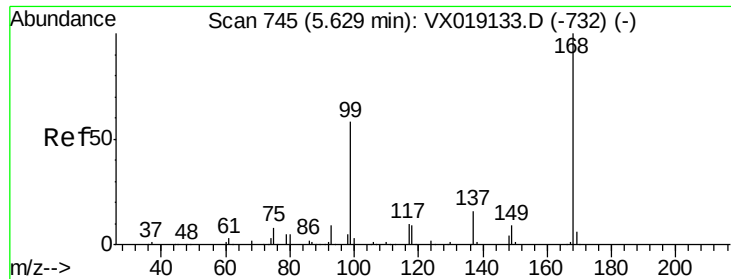
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
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Instrument :
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ClientSampleId :
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Quant Time: Nov 07 01:00:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82755	16.745	ug/l	98
94) Hexachlorobutadiene	13.76	225	34416	15.820	ug/l	97
95) Naphthalene	13.82	128	271455	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	80661	16.824	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

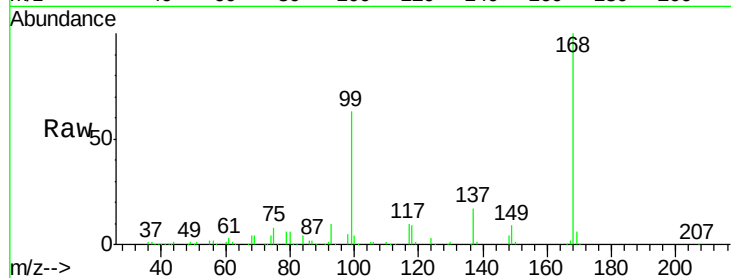
VX1107WBSD01

Tot Ion:168 Resp: 267749

Ion Ratio Lower Upper

168 100

99 62.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

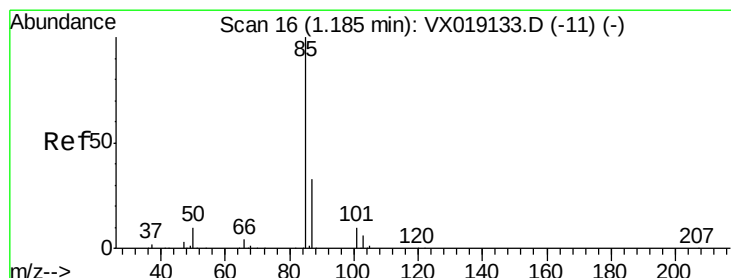
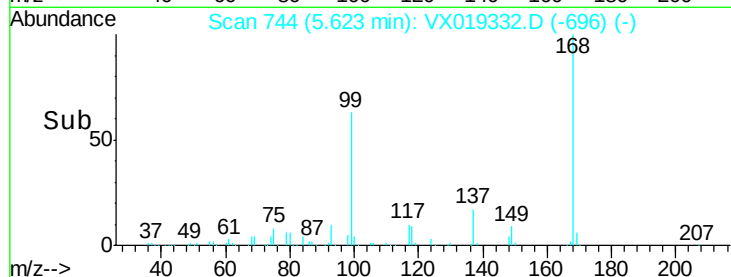
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.357 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019332.D

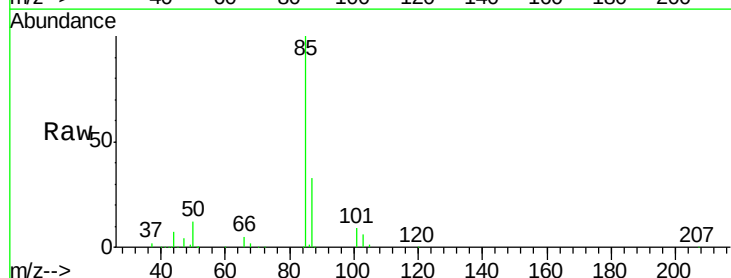
Acq: 06 Nov 2020 11:37

Tgt Ion: 85 Resp: 40975

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

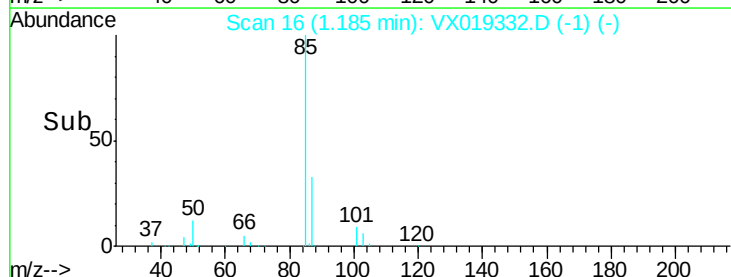
30000

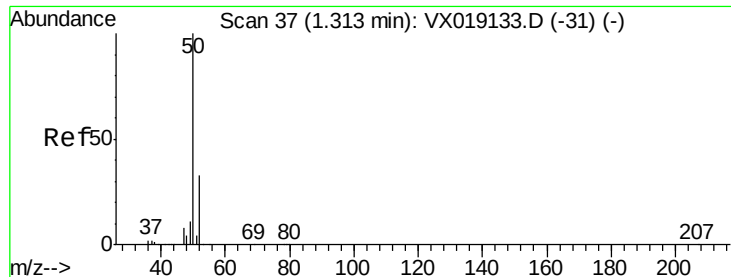
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.925 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

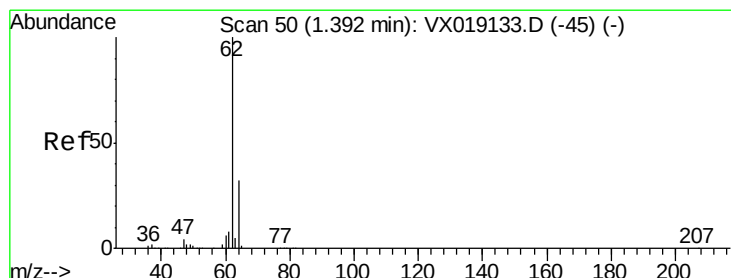
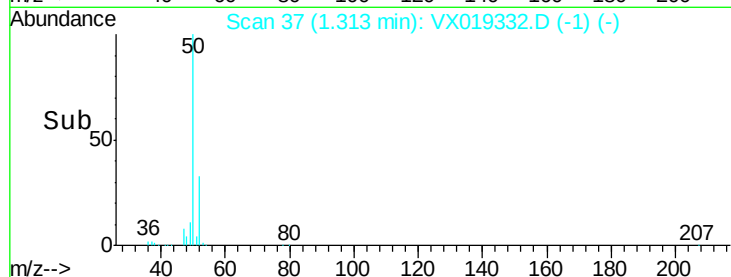
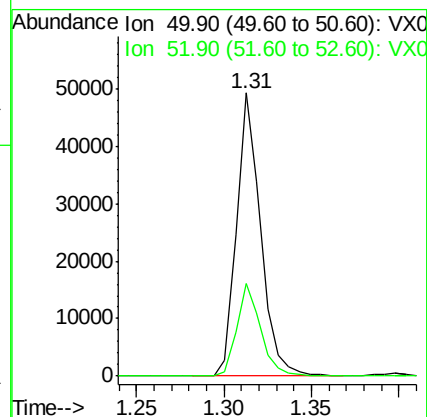
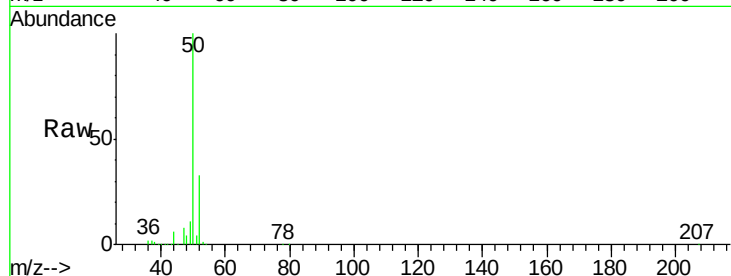
VX1107WBSD01

Tot Ion: 50 Resp: 47195

Ion Ratio Lower Upper

50 100

52 32.8 26.8 40.2



#4

Vinyl Chloride

Concen: 18.913 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX019332.D

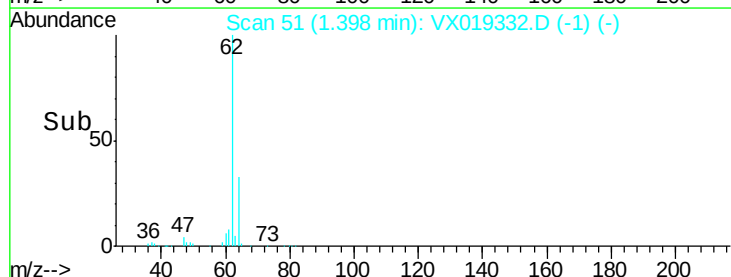
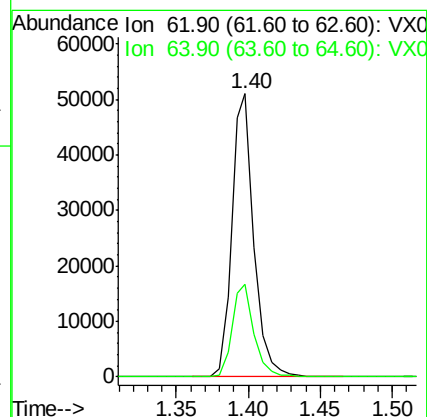
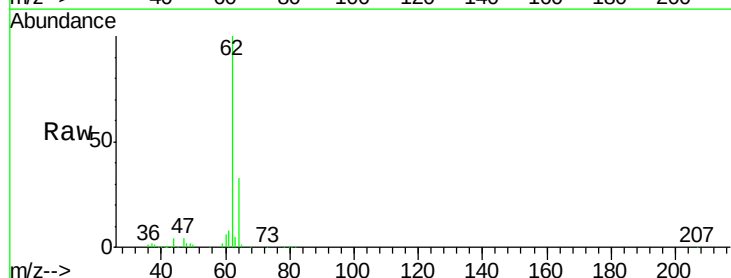
Acq: 06 Nov 2020 11:37

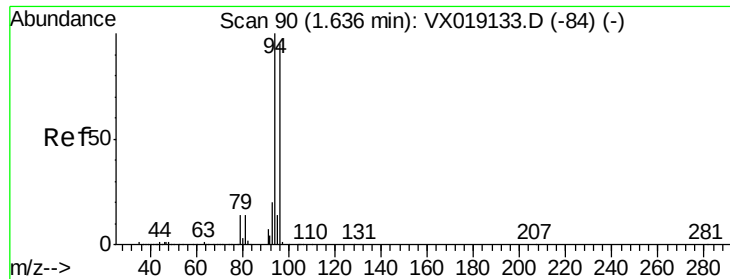
Tgt Ion: 62 Resp: 54698

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 20.602 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

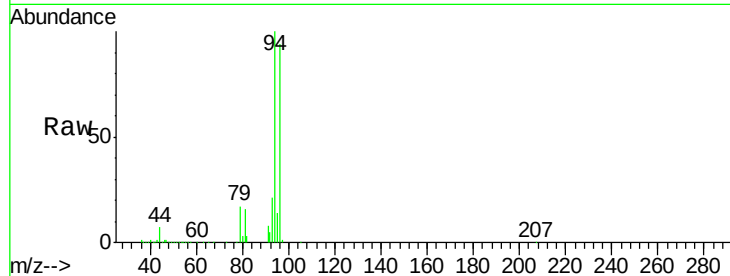
VX1107WBSD01

Tot Ion: 94 Resp: 40689

Ion Ratio Lower Upper

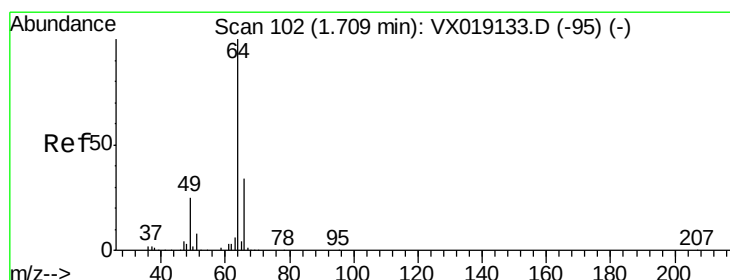
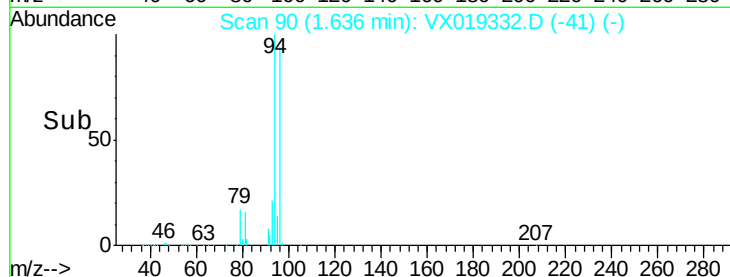
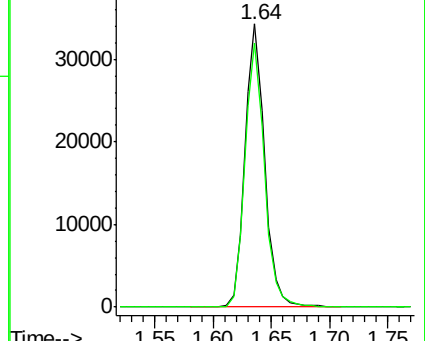
94 100

96 93.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.938 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019332.D

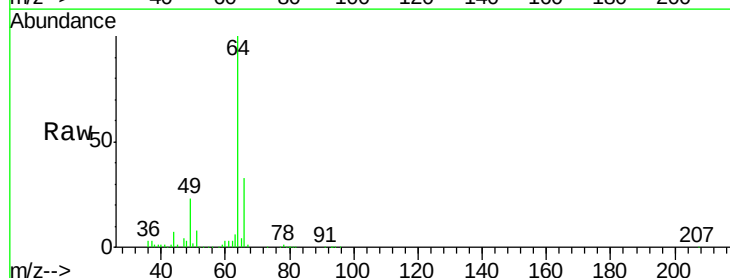
Acq: 06 Nov 2020 11:37

Tgt Ion: 64 Resp: 36816

Ion Ratio Lower Upper

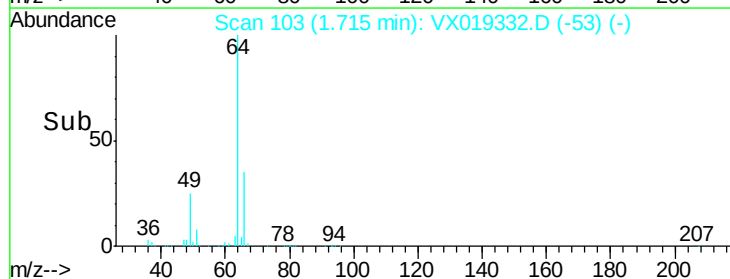
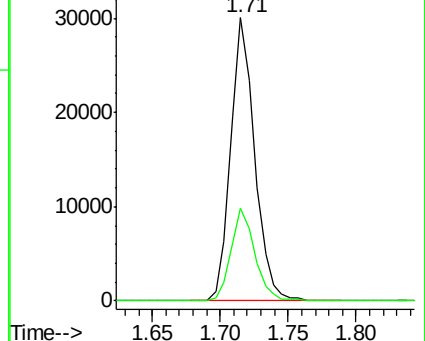
64 100

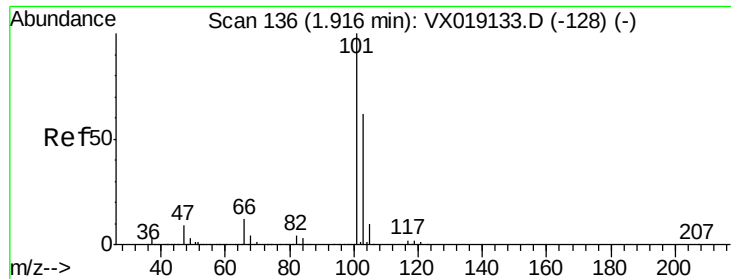
66 32.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



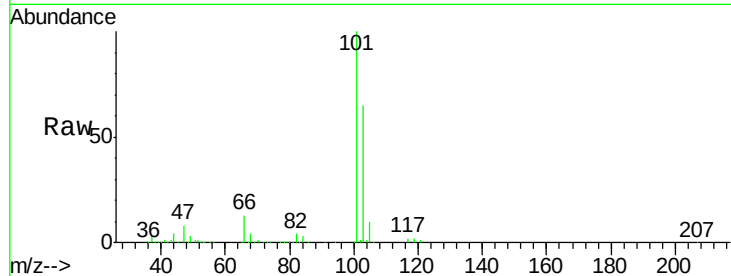


#7

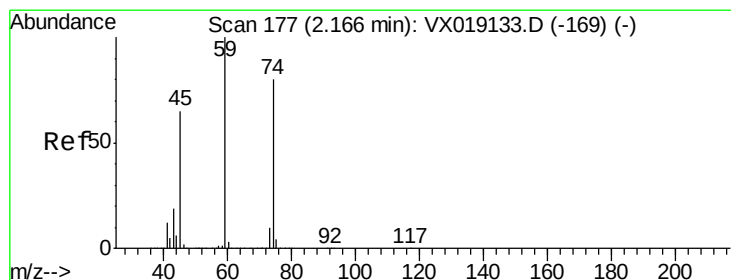
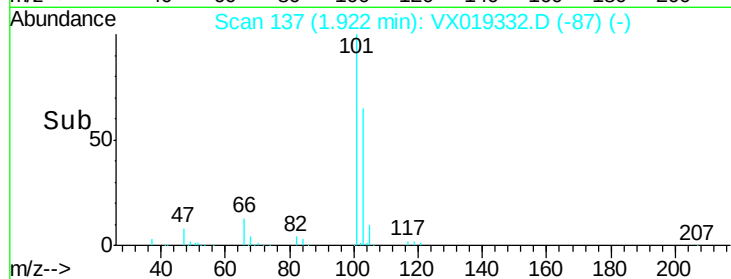
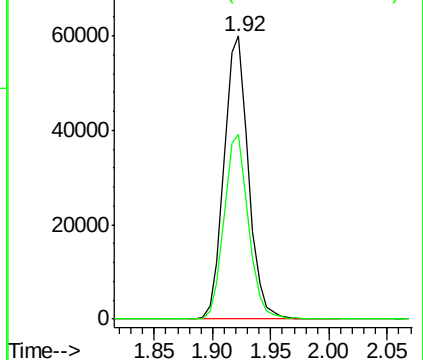
Trichlorofluoromethane
 Concen: 19.042 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tot Ion:101 Resp: 86515
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.0 75.0



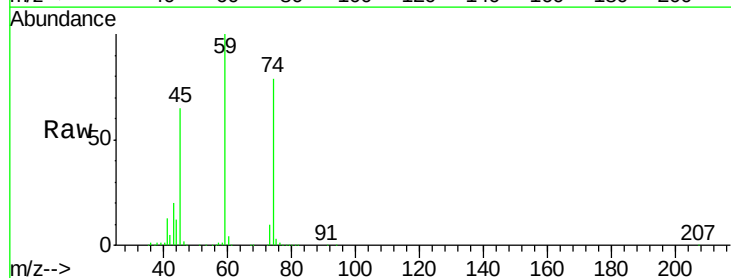
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



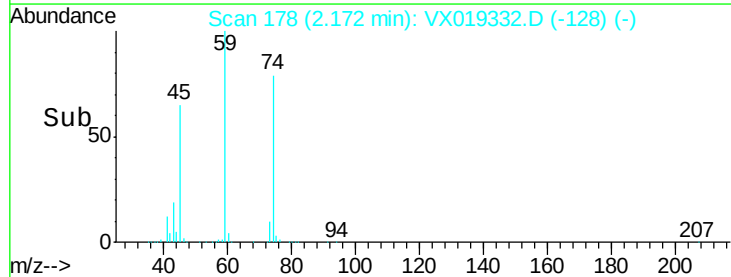
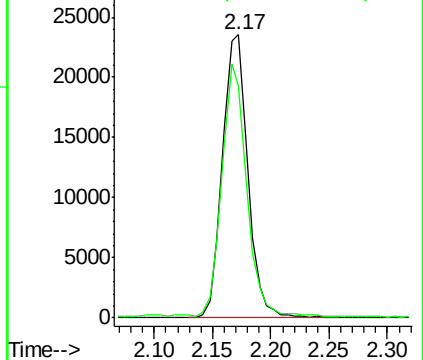
#8

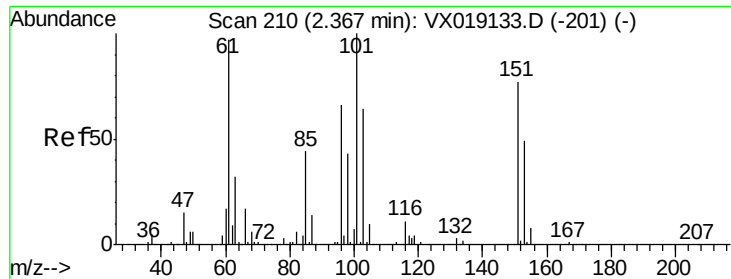
Diethyl Ether
 Concen: 20.397 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 74 Resp: 35567
 Ion Ratio Lower Upper
 74 100
 45 88.0 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: 19.343 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

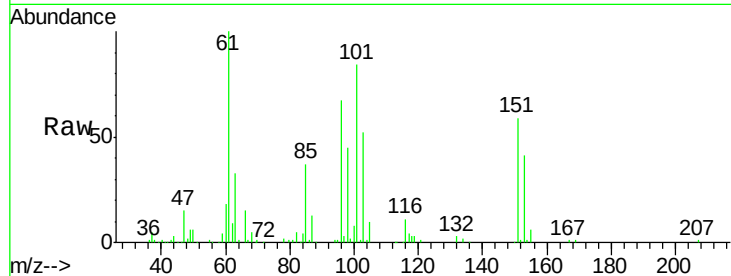
Tot Ion:101 Resp: 48712

Ion Ratio Lower Upper

101 100

85 45.9 35.0 52.4

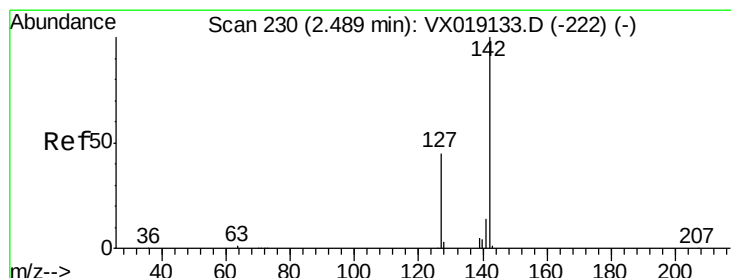
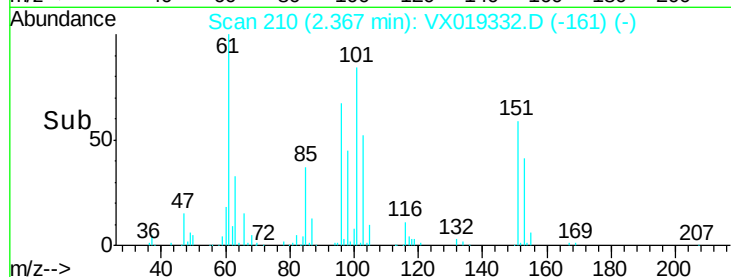
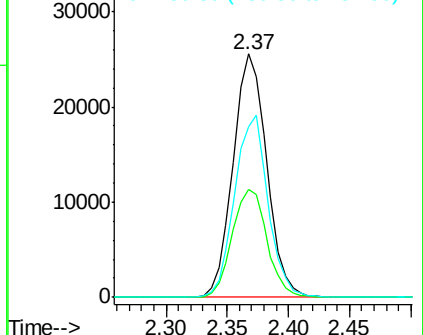
151 74.3 61.4 92.2



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: 19.951 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

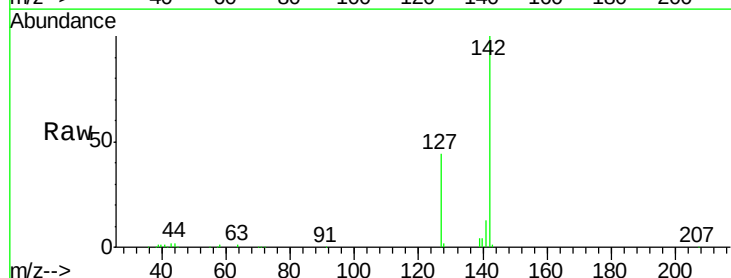
Tgt Ion:142 Resp: 46245

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

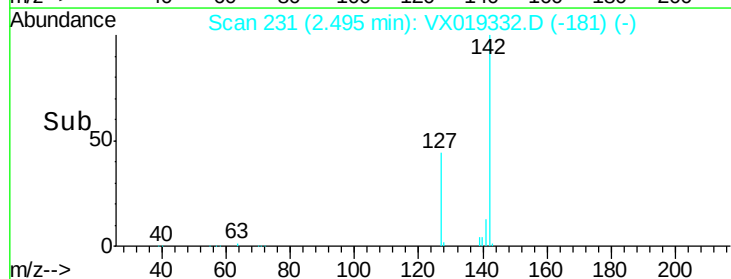
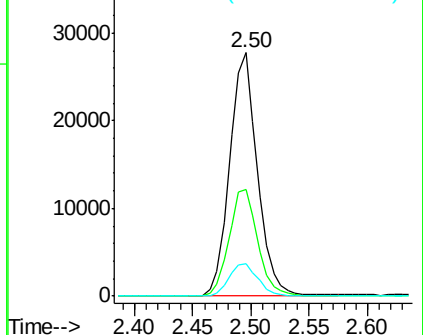
141 13.9 11.3 16.9

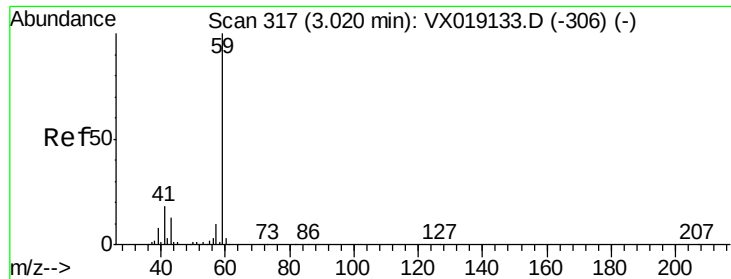


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



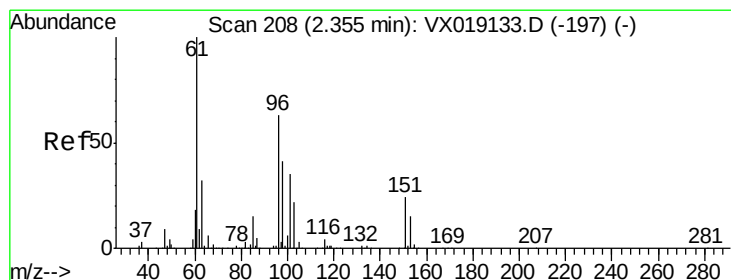
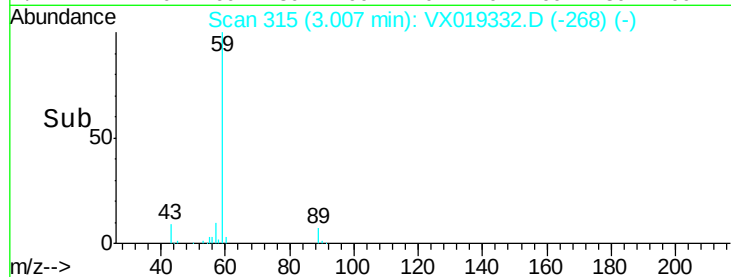
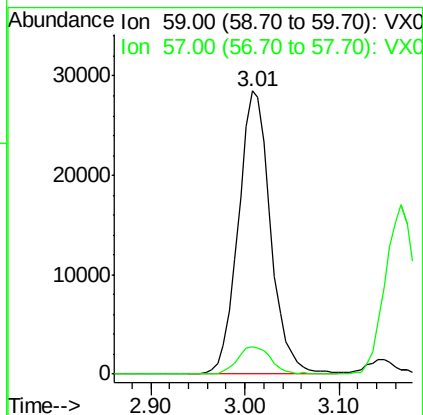
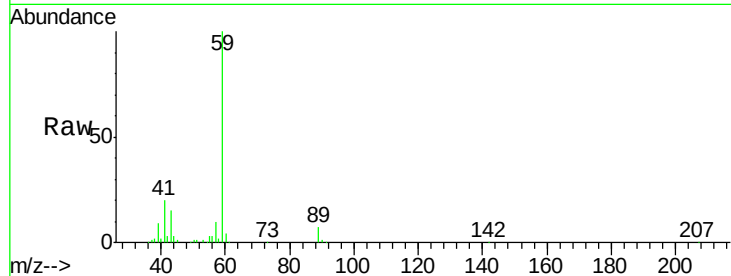


#11

Tert butyl alcohol
 Concen: 100.014 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

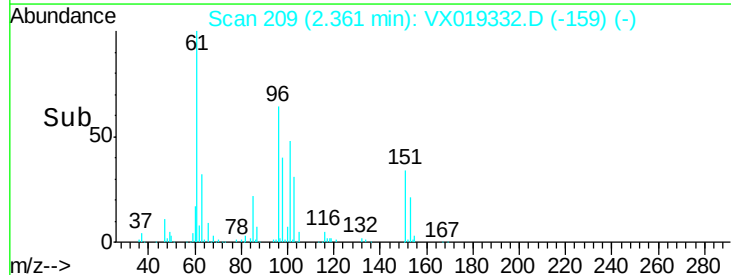
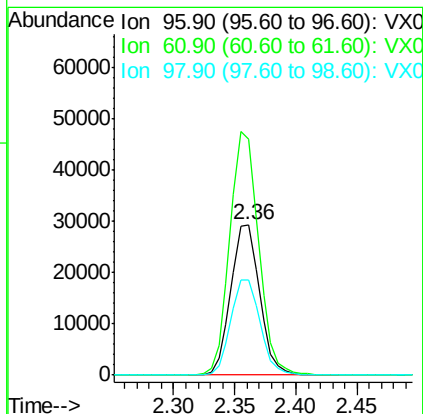
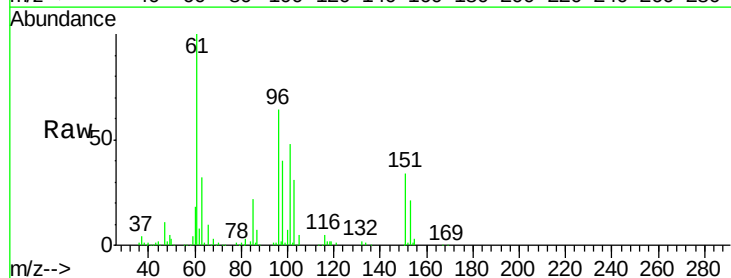
Tot Ion: 59 Resp: 68210
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

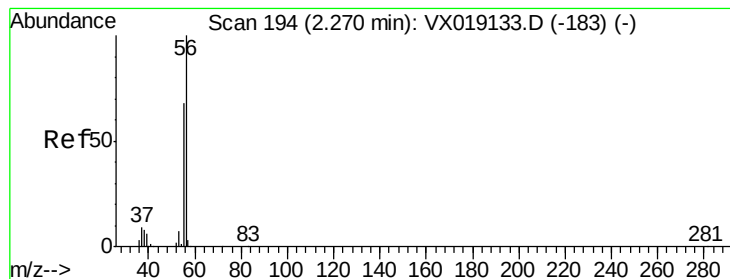


#12

1,1-Dichloroethene
 Concen: 18.547 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 96 Resp: 48130
 Ion Ratio Lower Upper
 96 100
 61 156.3 127.7 191.5
 98 62.7 52.1 78.1





#13

Acrolein

Concen: 78.279 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

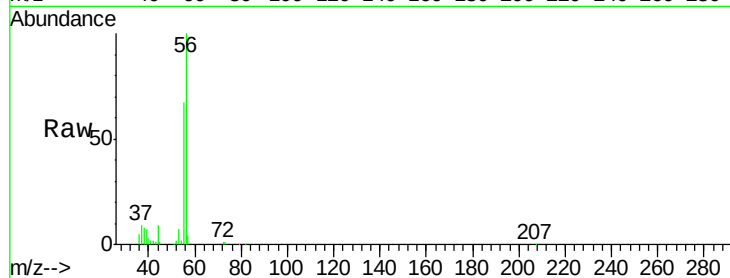
VX1107WBSD01

Tot Ion: 56 Resp: 22659

Ion Ratio Lower Upper

56 100

55 68.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

15000

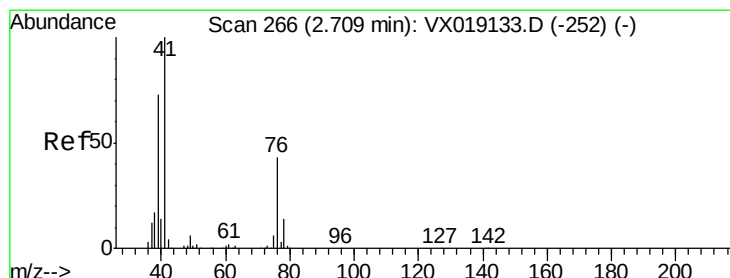
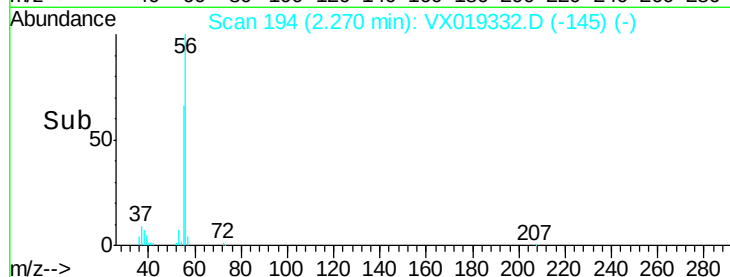
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.787 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

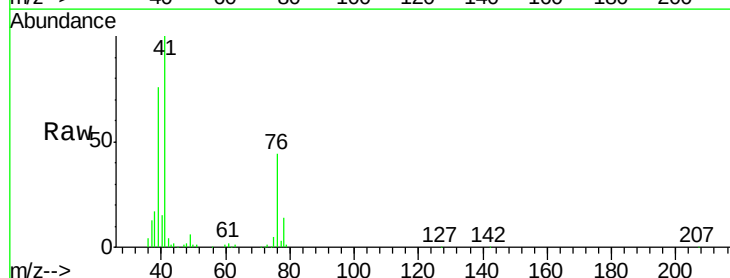
Tgt Ion: 41 Resp: 77775

Ion Ratio Lower Upper

41 100

39 69.9 55.2 82.8

76 38.3 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

60000

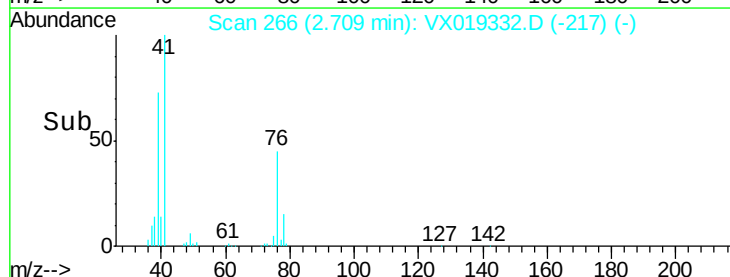
40000

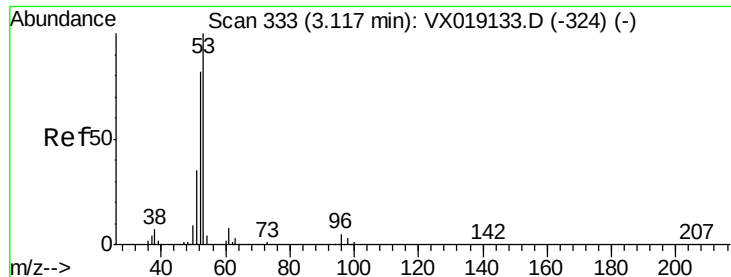
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 101.942 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

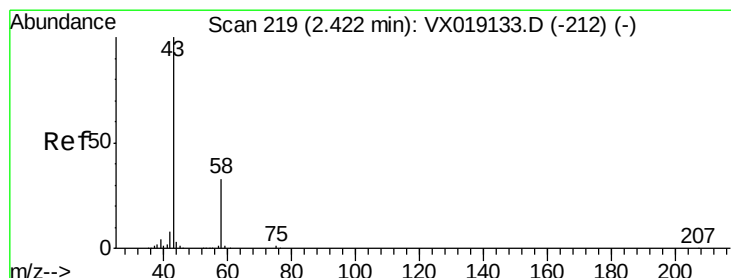
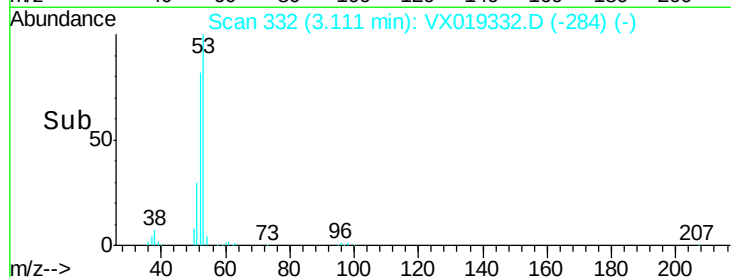
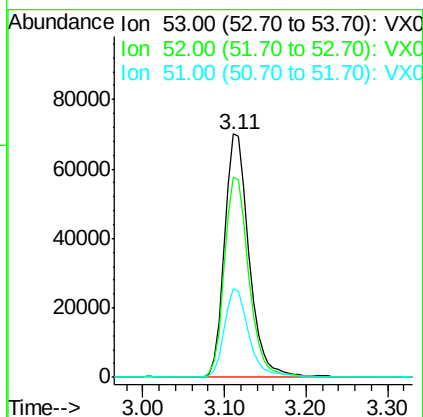
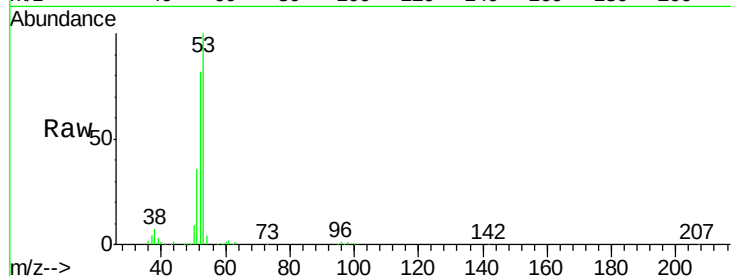
Tot Ion: 53 Resp: 146098

Ion Ratio Lower Upper

53 100

52 81.9 65.7 98.5

51 36.6 28.4 42.6



#16

Acetone

Concen: 106.015 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019332.D

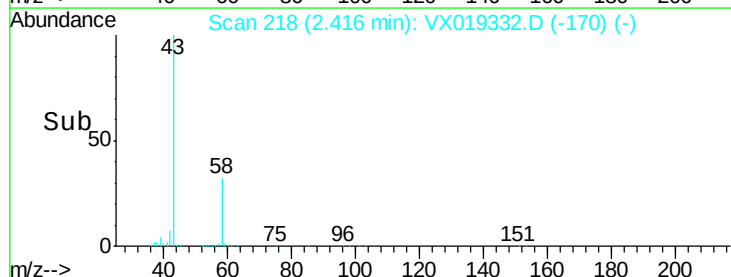
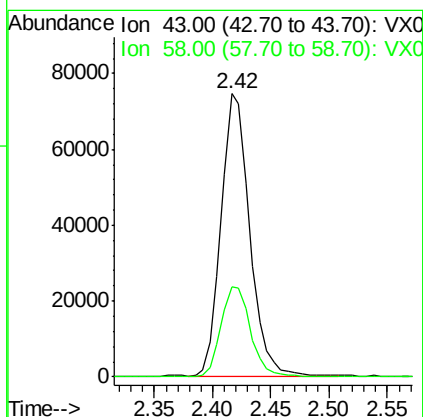
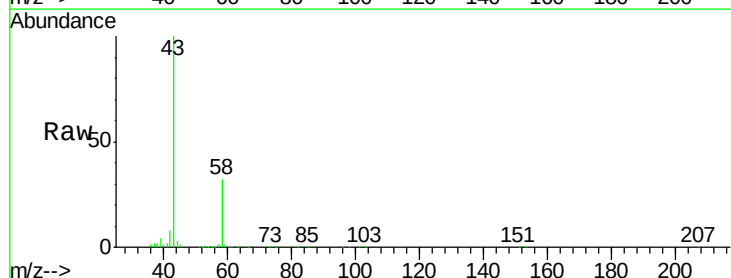
Acq: 06 Nov 2020 11:37

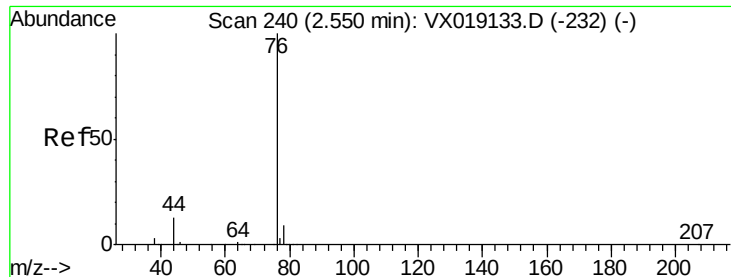
Tgt Ion: 43 Resp: 126286

Ion Ratio Lower Upper

43 100

58 32.1 26.3 39.5





#17

Carbon Disulfide

Concen: 17.584 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

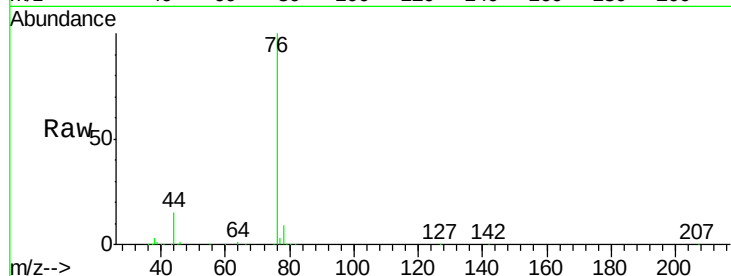
VX1107WBSD01

Tot Ion: 76 Resp: 126369

Ion Ratio Lower Upper

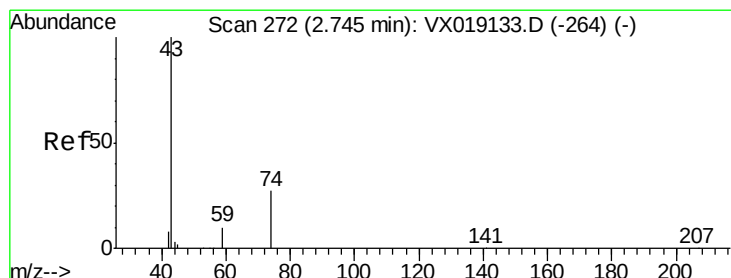
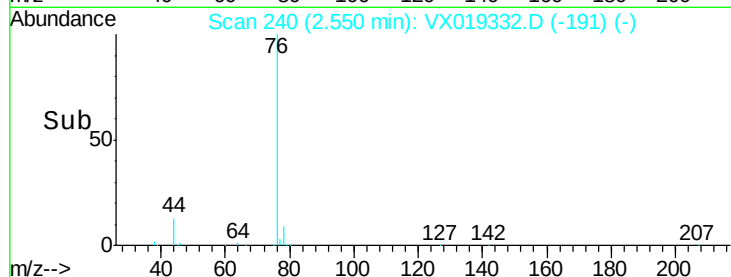
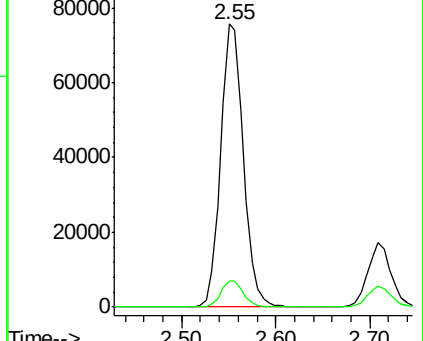
76 100

78 9.1 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: 22.097 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019332.D

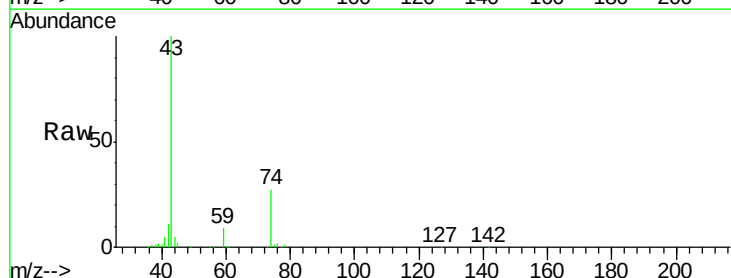
Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 64009

Ion Ratio Lower Upper

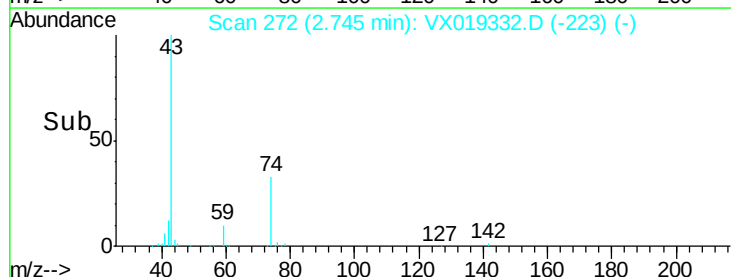
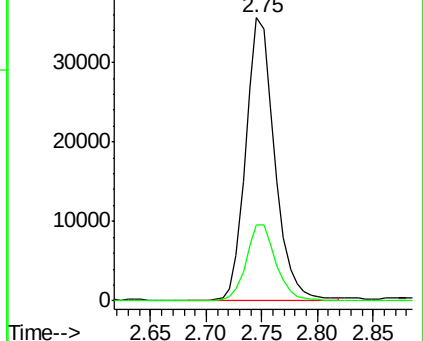
43 100

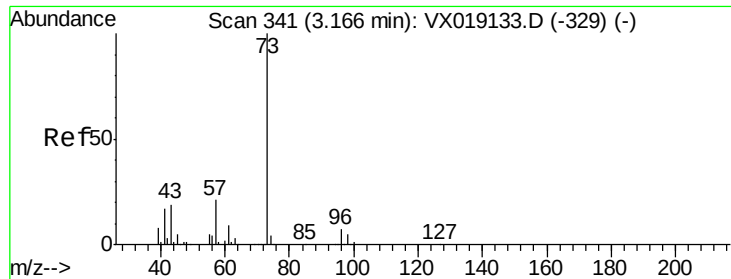
74 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

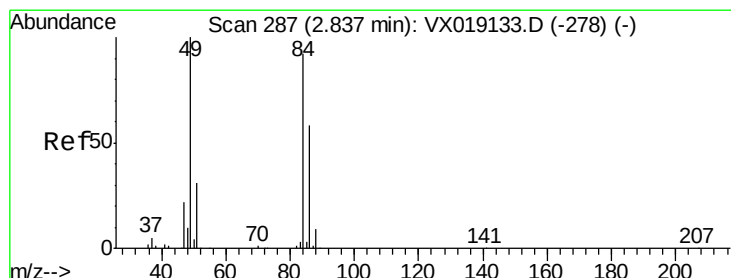
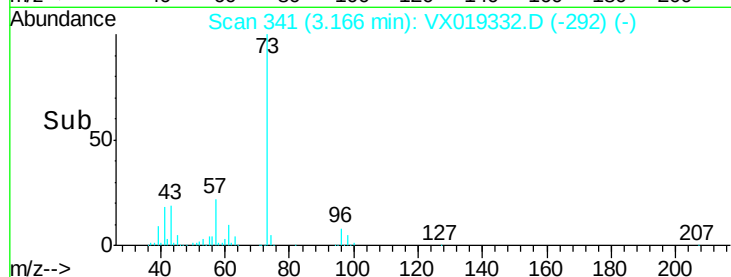
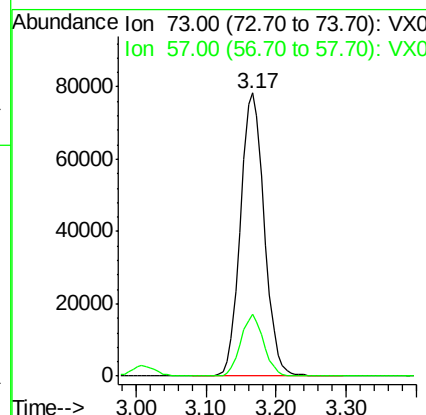
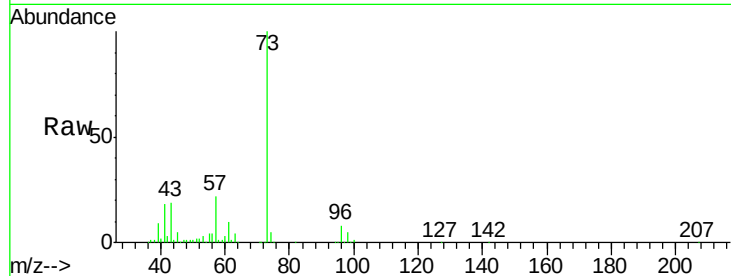




#19
Methyl tert-butyl Ether
Concen: 20.607 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

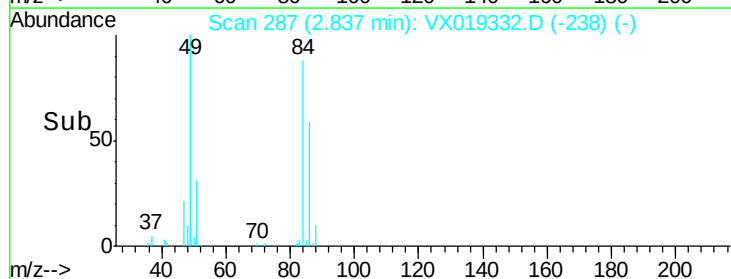
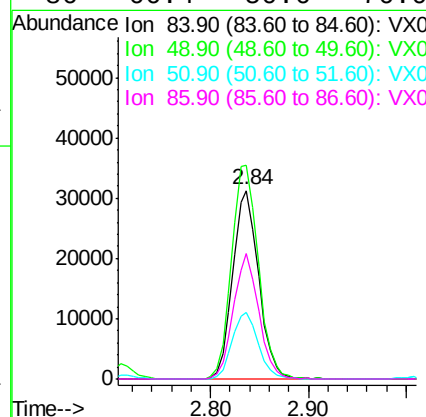
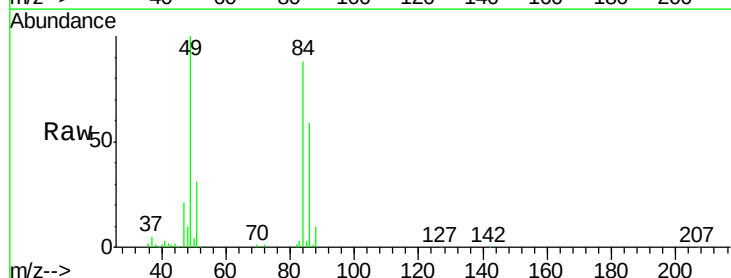
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

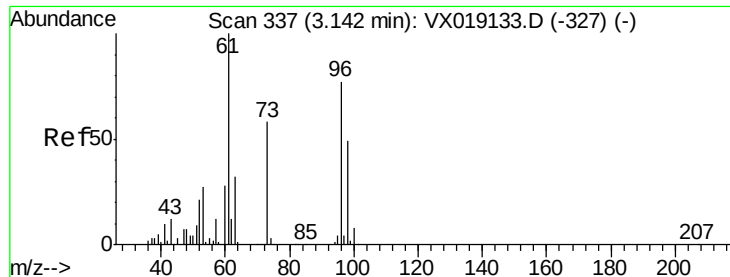
Tot Ion: 73 Resp: 185286
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 19.307 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 84 Resp: 57740
Ion Ratio Lower Upper
84 100
49 113.4 86.8 130.2
51 35.1 27.3 40.9
86 66.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.643 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

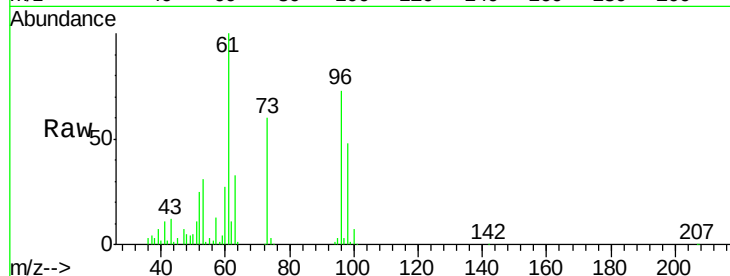
Tot Ion: 96 Resp: 55679

Ion Ratio Lower Upper

96 100

61 136.4 104.2 156.4

98 65.8 51.3 76.9

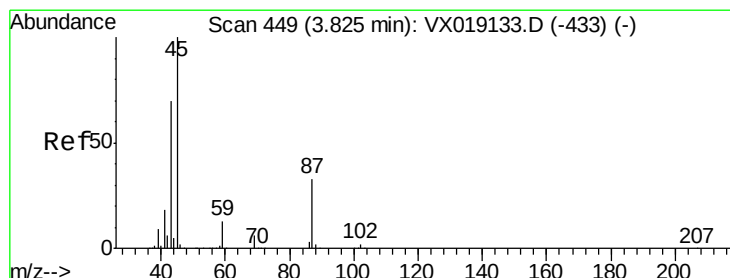
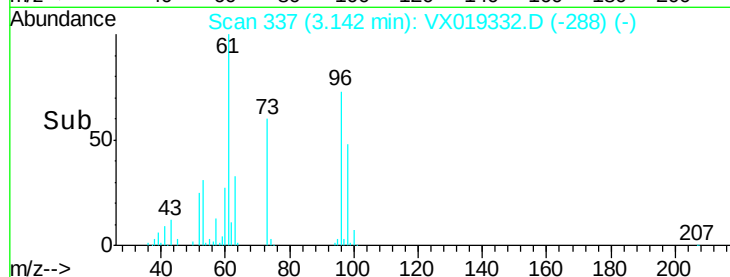
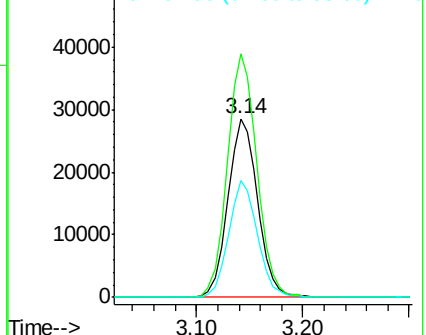


Abundance

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: 21.313 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion: 45 Resp: 167009

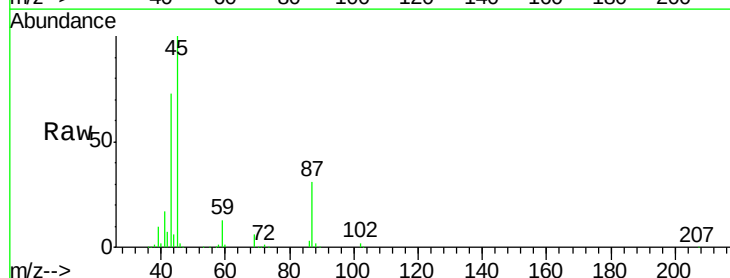
Ion Ratio Lower Upper

45 100

43 72.6 56.2 84.4

87 31.3 26.2 39.2

59 13.4 10.1 15.1



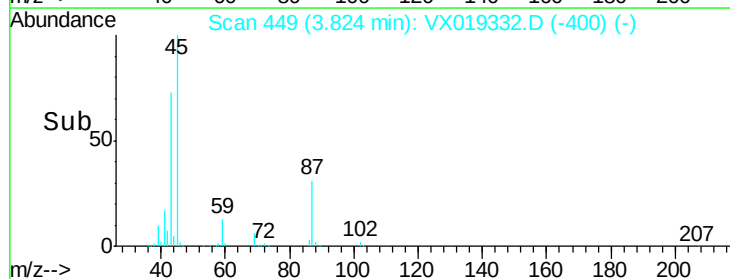
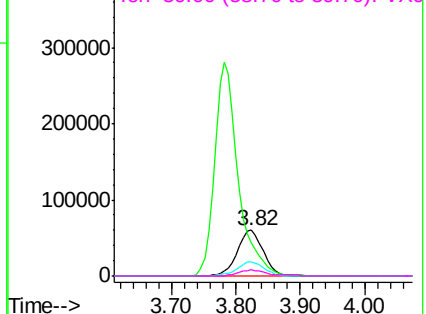
Abundance

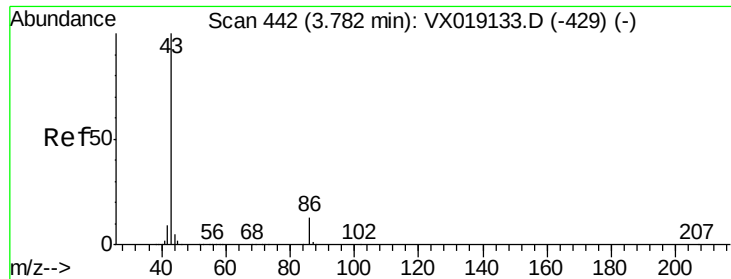
Ion 45.00 (44.70 to 45.70): VX0

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: 103.587 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

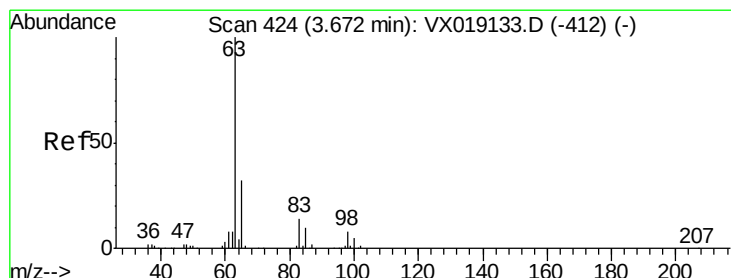
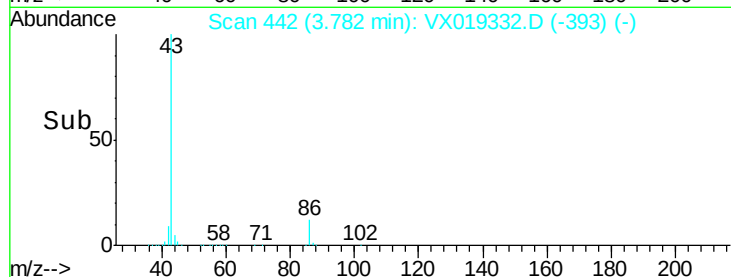
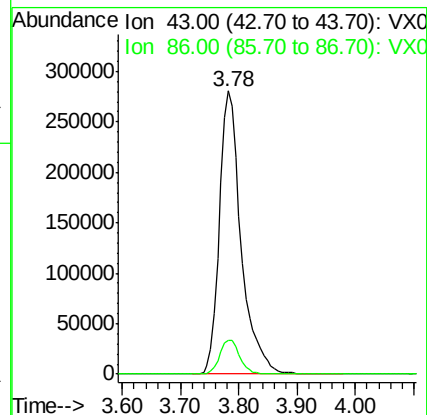
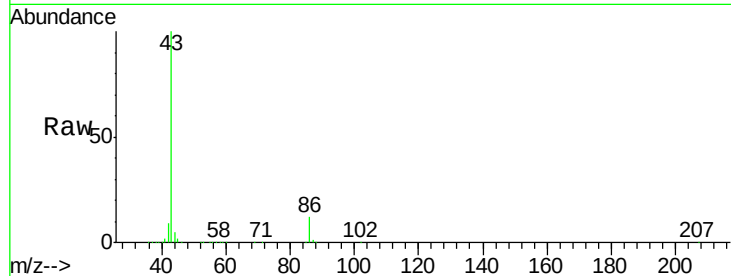
VX1107WBSD01

Tot Ion: 43 Resp: 723862

Ion Ratio Lower Upper

43 100

86 12.2 10.4 15.6



#24

1,1-Dichloroethane

Concen: 20.133 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

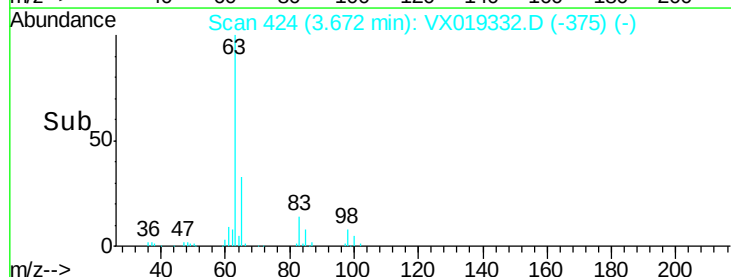
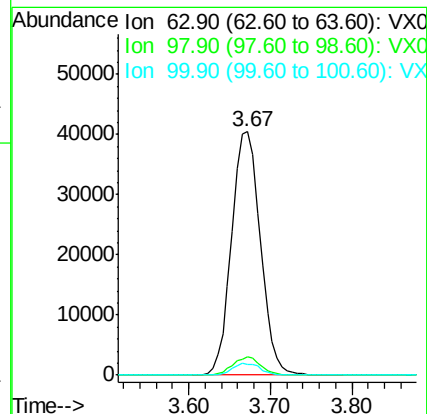
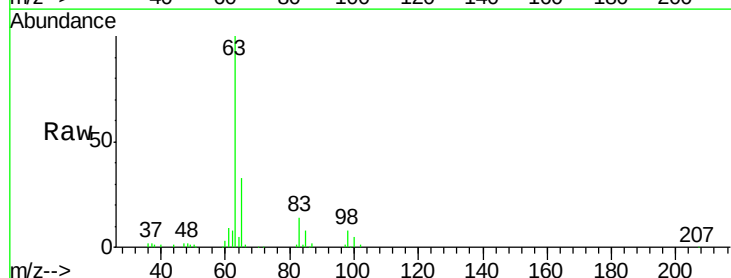
Tgt Ion: 63 Resp: 98505

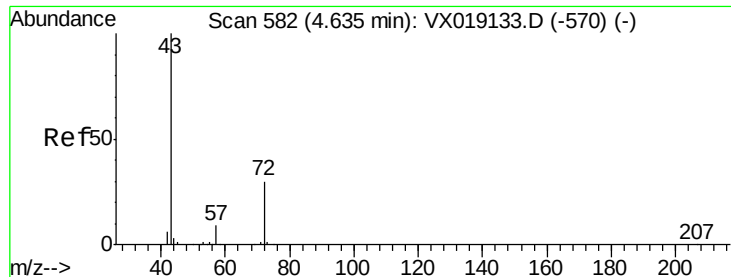
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 105.998 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

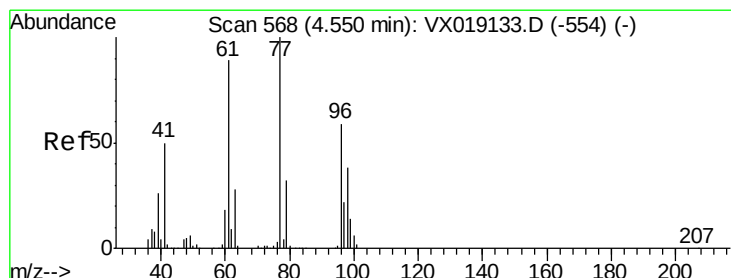
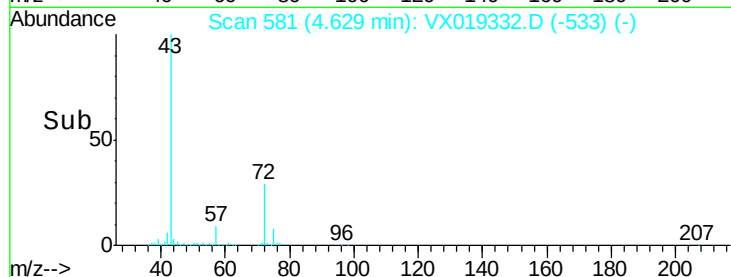
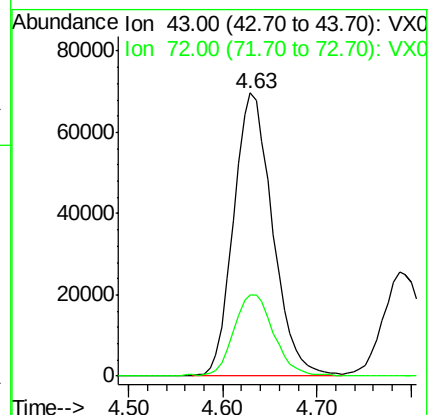
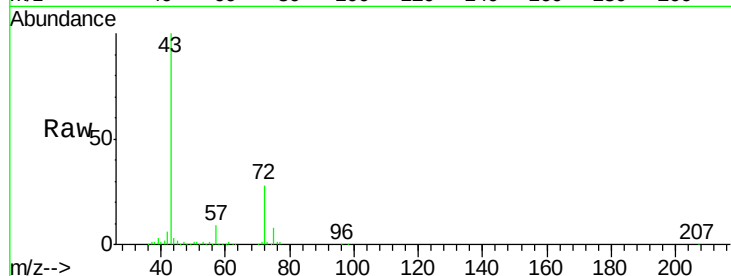
VX1107WBSD01

Tot Ion: 43 Resp: 198996

Ion Ratio Lower Upper

43 100

72 28.3 24.6 36.8



#26

2,2-Dichloropropane

Concen: 19.344 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019332.D

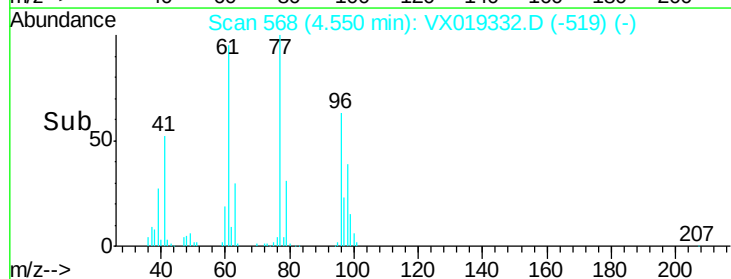
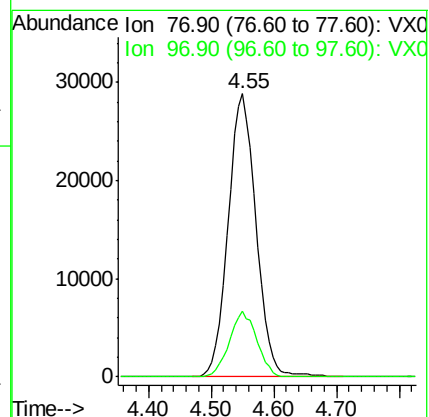
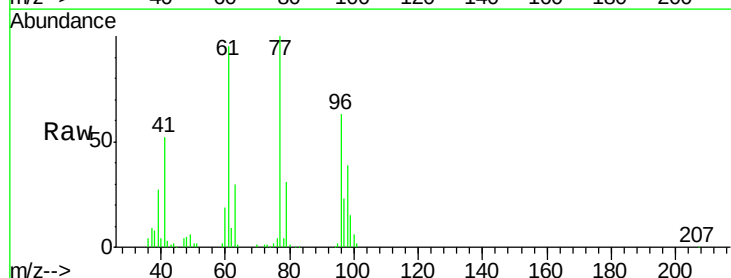
Acq: 06 Nov 2020 11:37

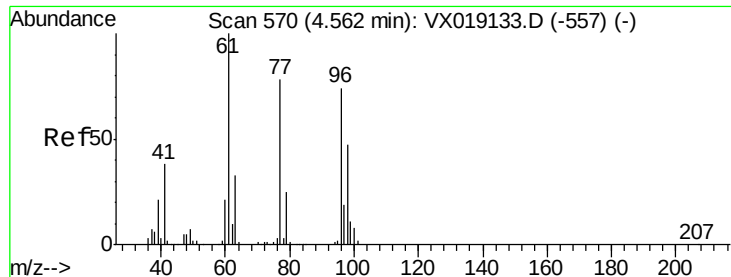
Tgt Ion: 77 Resp: 88972

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



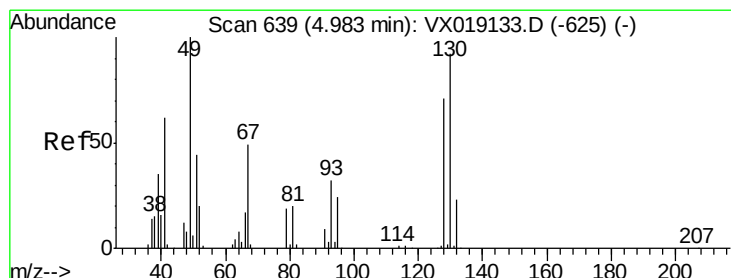
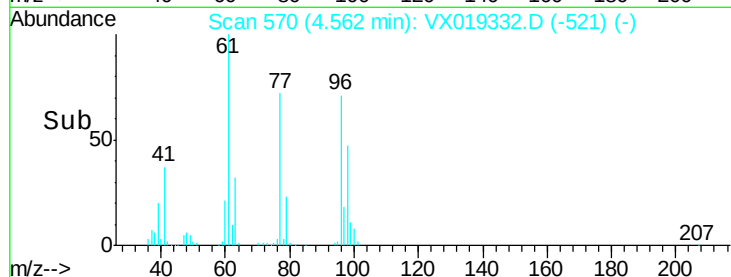
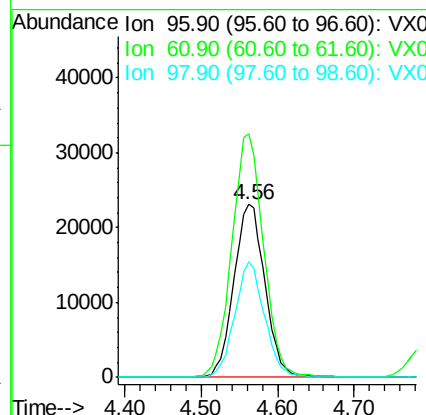
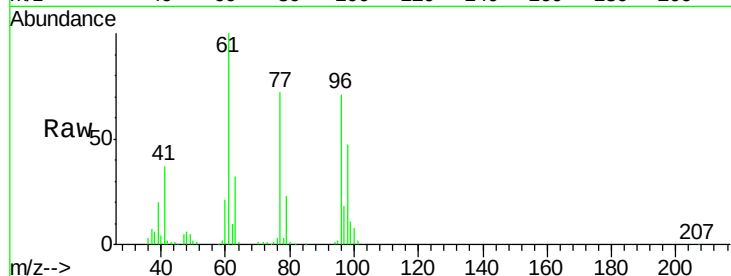


#27

cis-1,2-Dichloroethene
Concen: 19.416 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

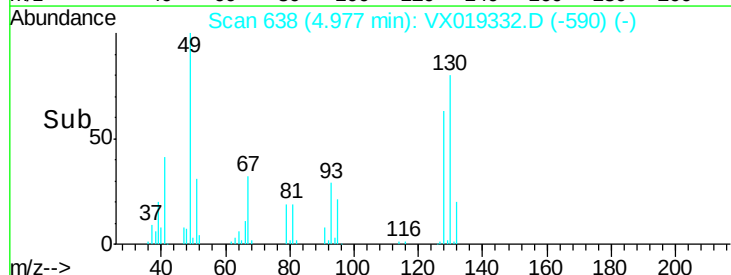
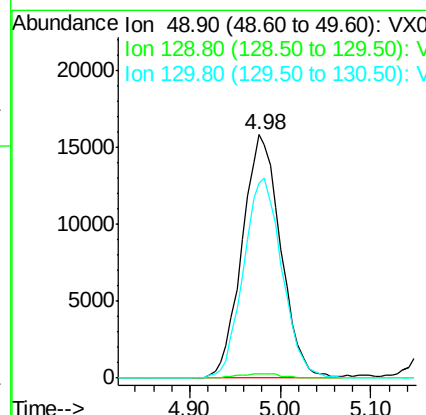
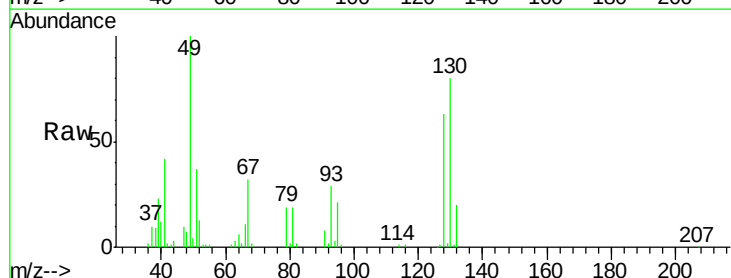
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	278.8
98	64.3	0.0	130.2

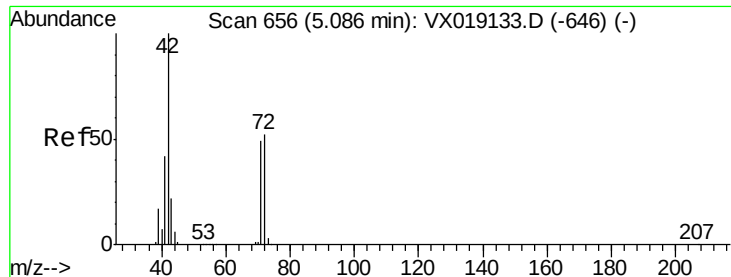


#28

Bromochloromethane
Concen: 20.976 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	82.2	71.3	106.9





#29

Tetrahydrofuran

Concen: 103.930 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

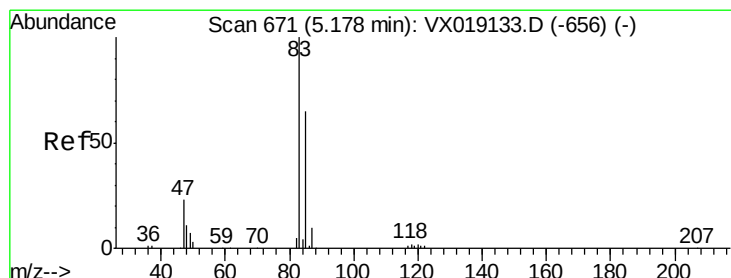
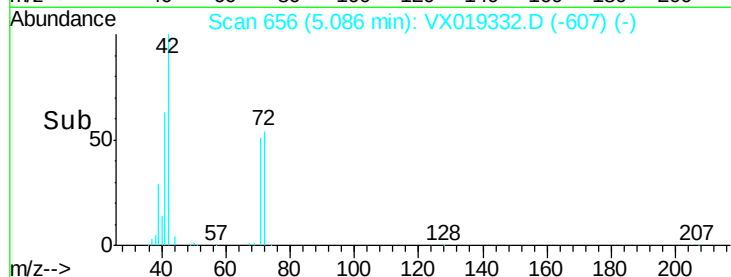
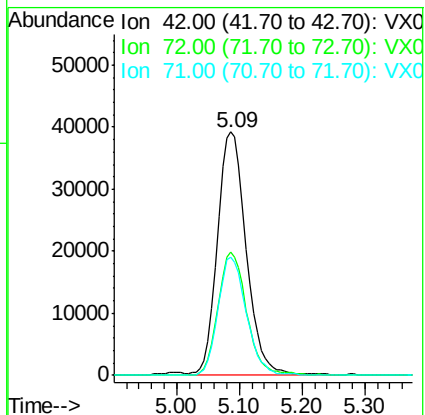
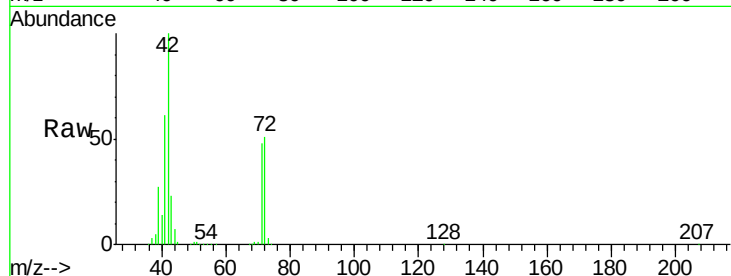
Tot Ion: 42 Resp: 122959

Ion Ratio Lower Upper

42 100

72 51.0 42.6 63.8

71 48.5 39.7 59.5



#30

Chloroform

Concen: 19.902 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019332.D

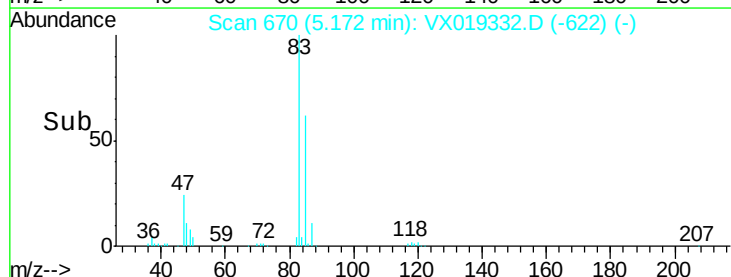
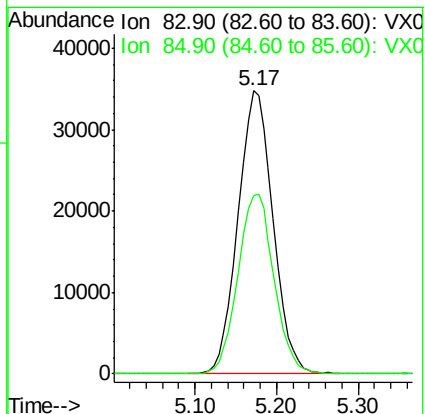
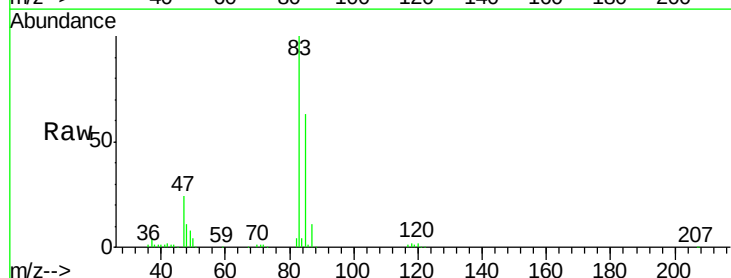
Acq: 06 Nov 2020 11:37

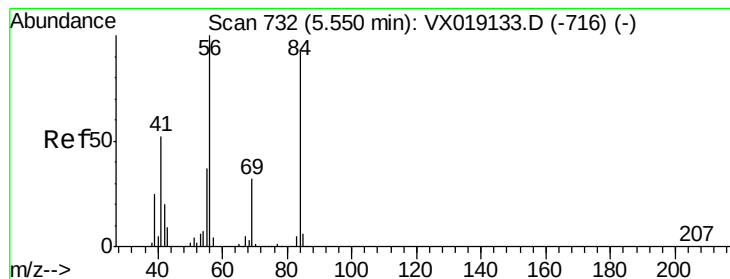
Tgt Ion: 83 Resp: 103647

Ion Ratio Lower Upper

83 100

85 63.2 51.9 77.9





#31

Cyclohexane

Concen: 19.494 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

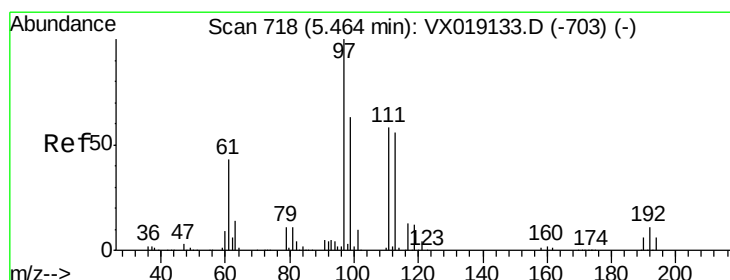
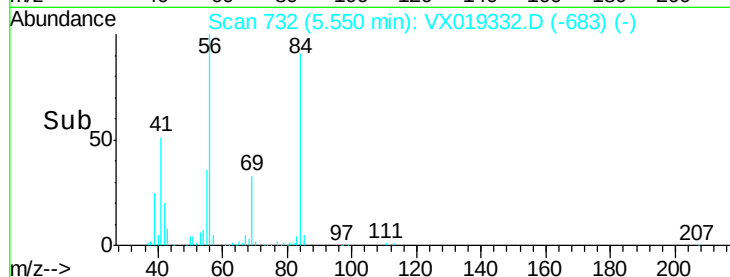
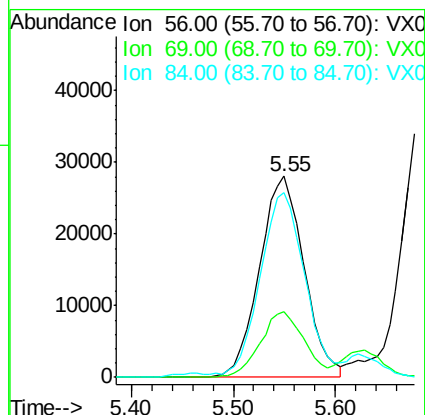
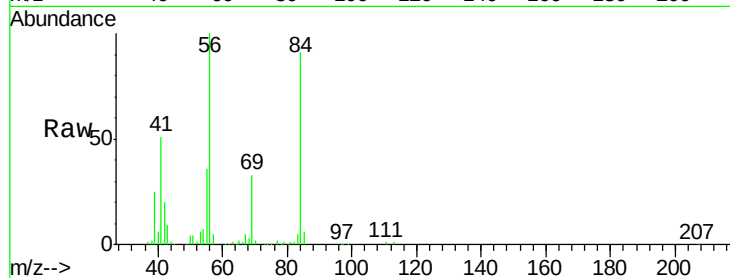
Tot Ion: 56 Resp: 85089

Ion Ratio Lower Upper

56 100

69 32.8 25.9 38.9

84 89.6 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 19.660 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

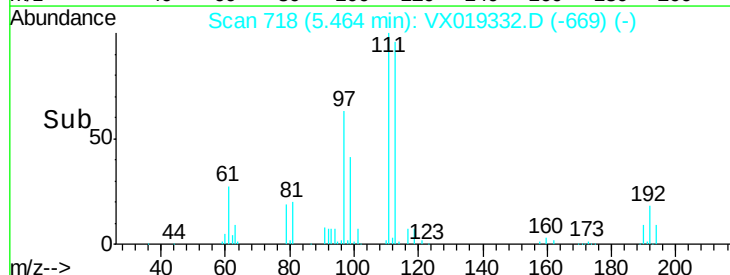
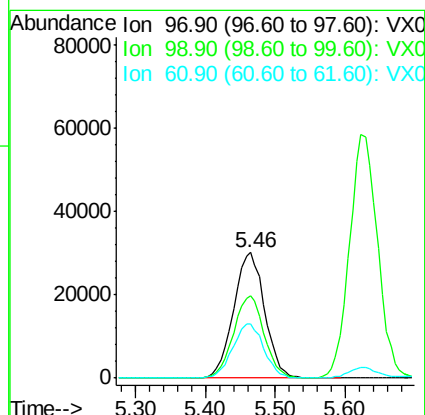
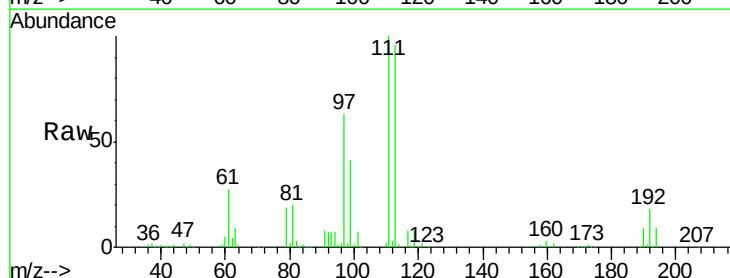
Tgt Ion: 97 Resp: 92824

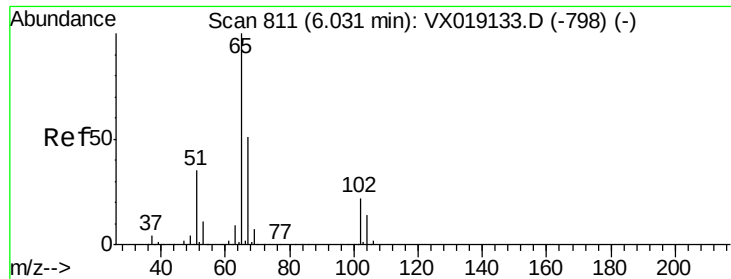
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 43.3 34.2 51.2

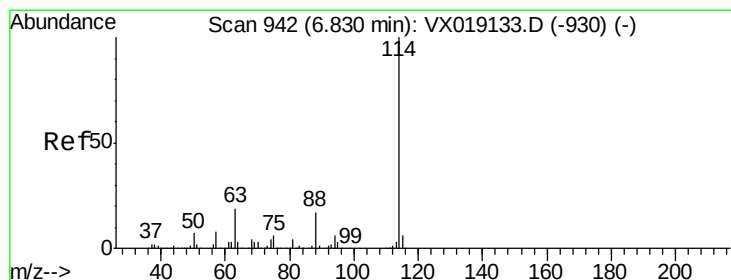
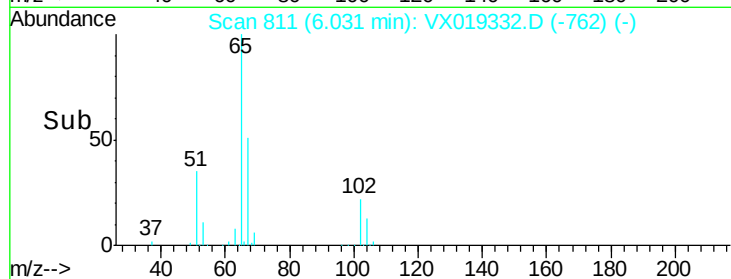
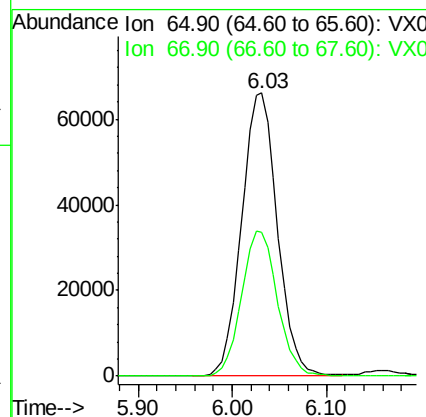
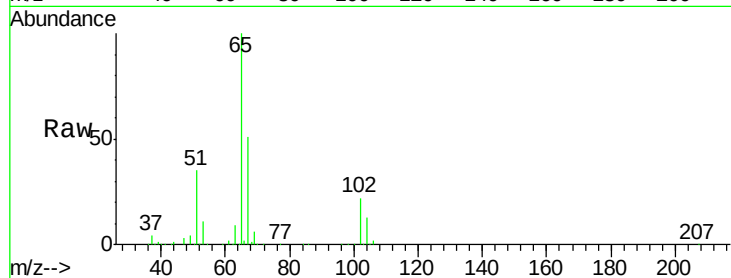




#33
 1,2-Dichloroethane-d4
 Concen: 50.728 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

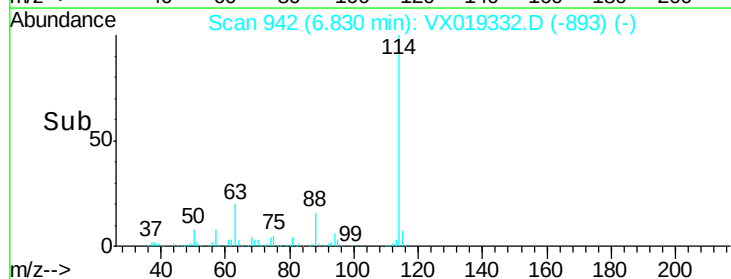
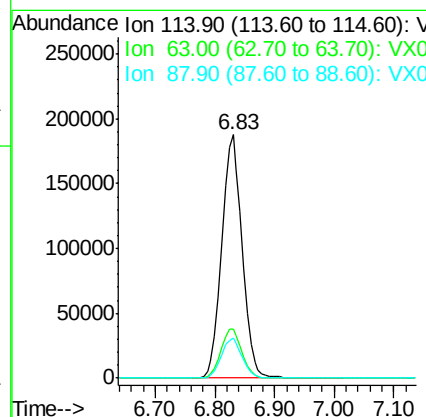
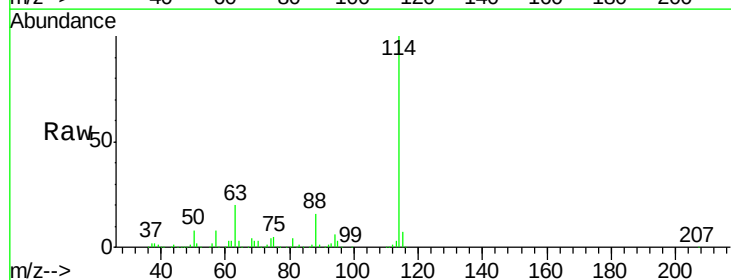
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

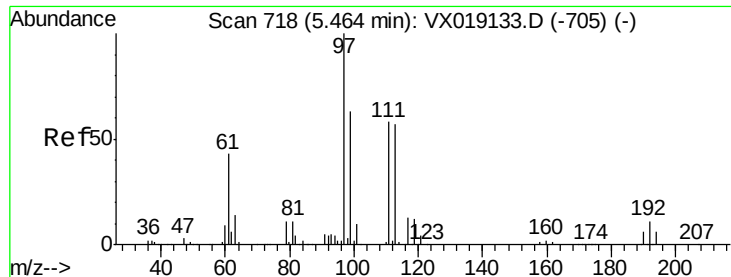
Tot Ion: 65 Resp: 175160
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 114 Resp: 445755
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 16.4 0.0 34.2

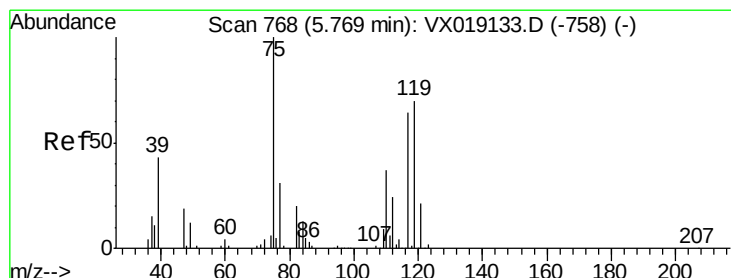
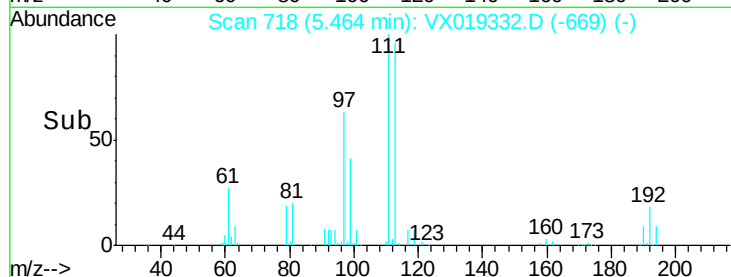
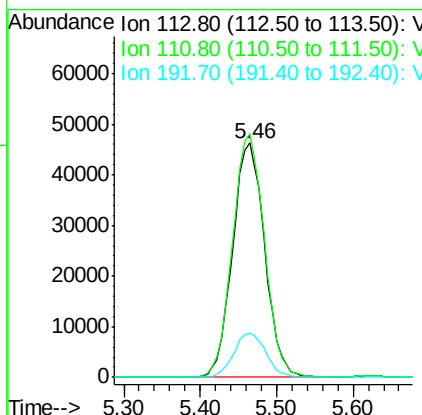
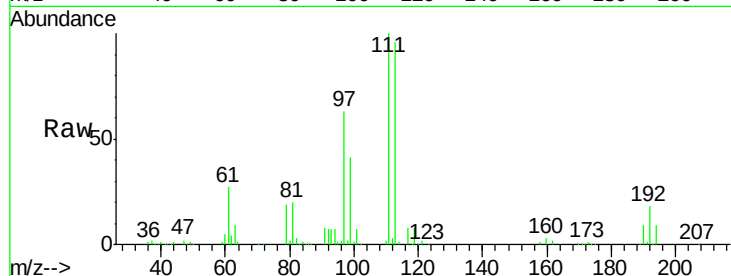




#35
 Dibromofluoromethane
 Concen: 48.122 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

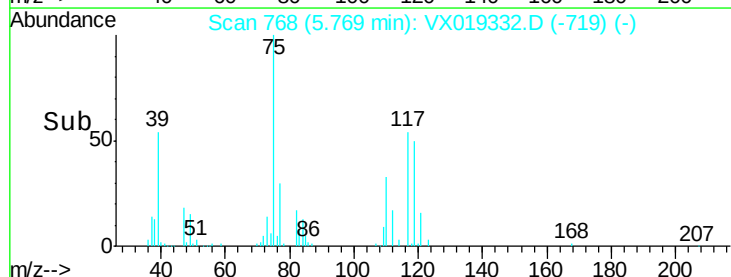
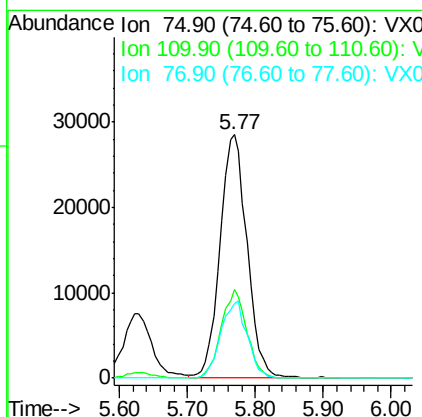
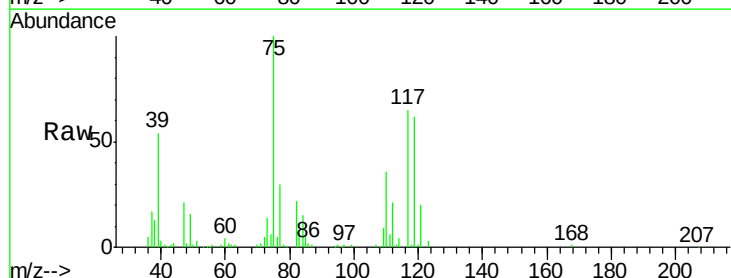
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

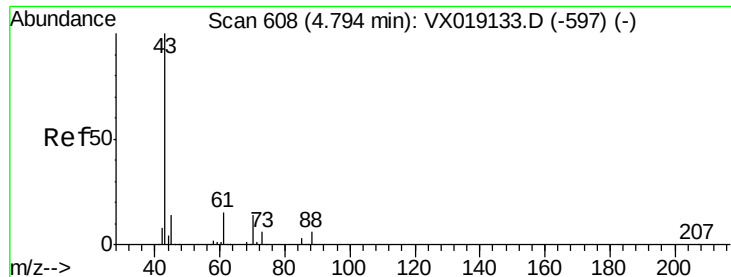
Tot Ion:113 Resp: 134740
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.3 123.5
 192 18.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.130 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 78743
 Ion Ratio Lower Upper
 75 100
 110 34.5 18.3 54.9
 77 30.9 24.9 37.3

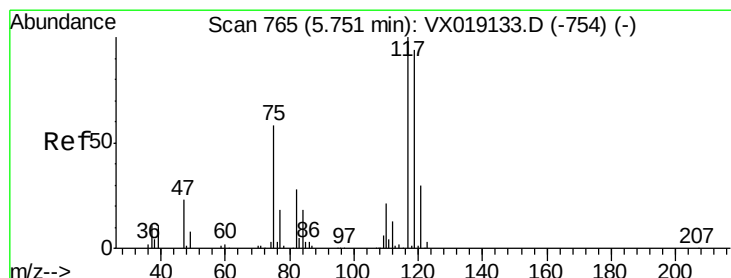
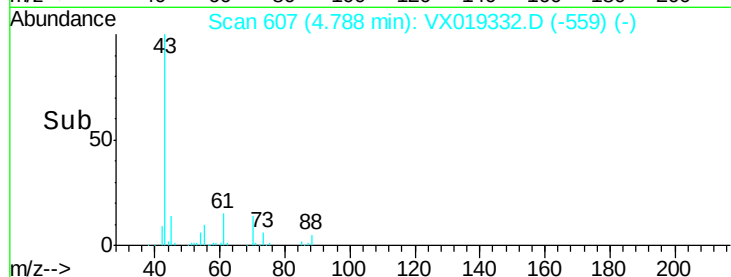
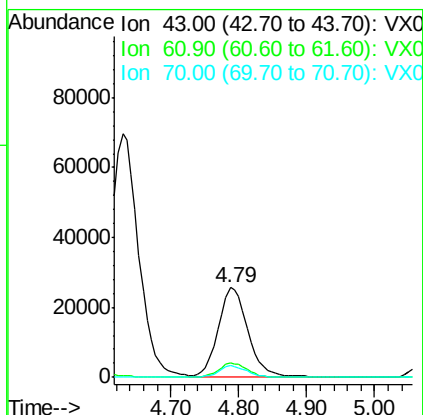
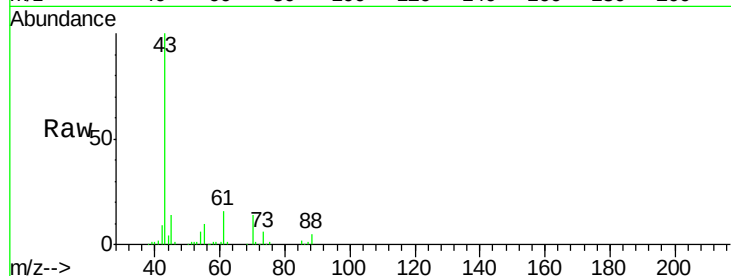




#37
Ethyl Acetate
Concen: 20.098 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

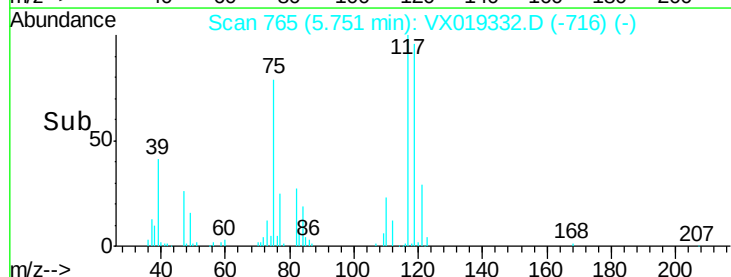
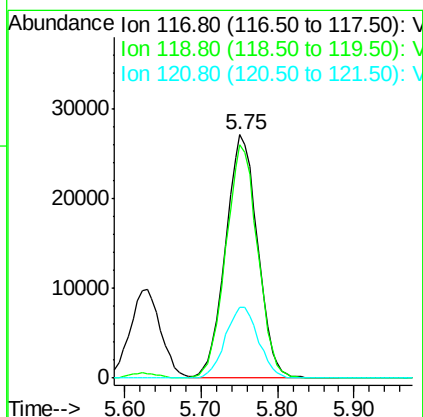
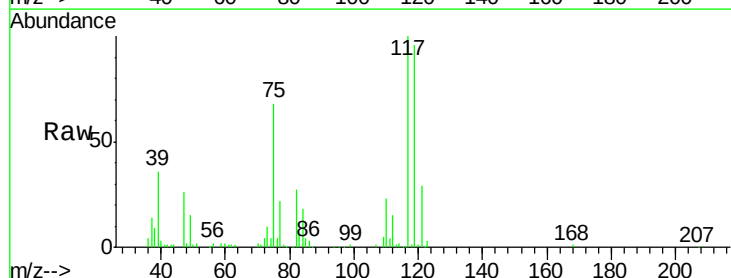
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

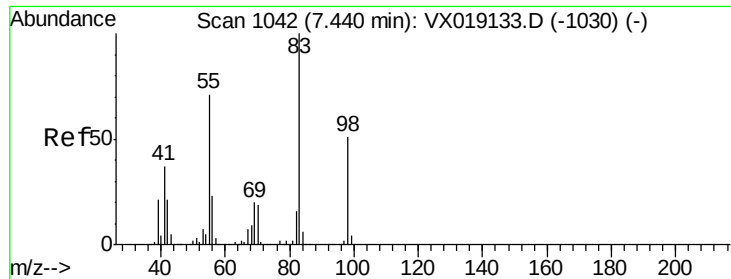
Tot Ion: 43 Resp: 76812
Ion Ratio Lower Upper
43 100
61 15.6 12.5 18.7
70 12.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.725 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 117 Resp: 78564
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 29.1 23.9 35.9

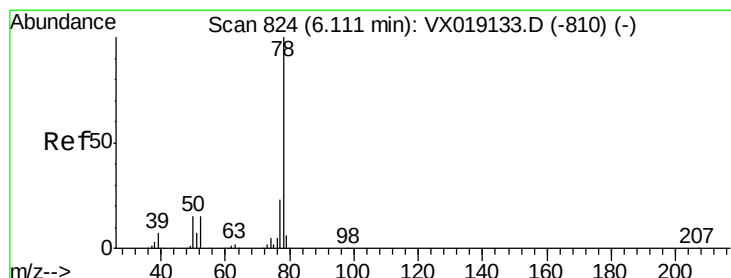
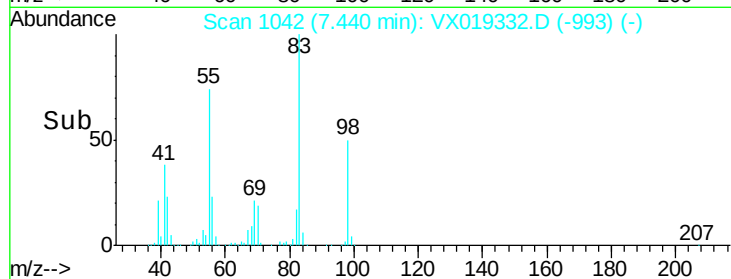
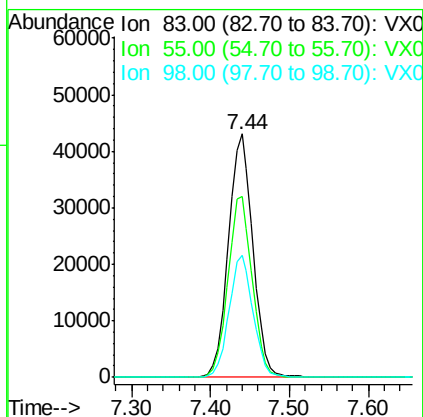
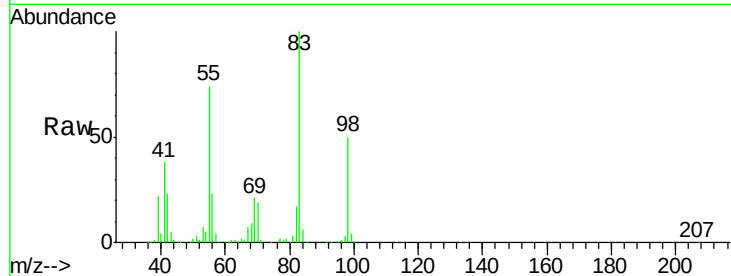




#39
Methylvlcyclohexane
Concen: 18.858 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

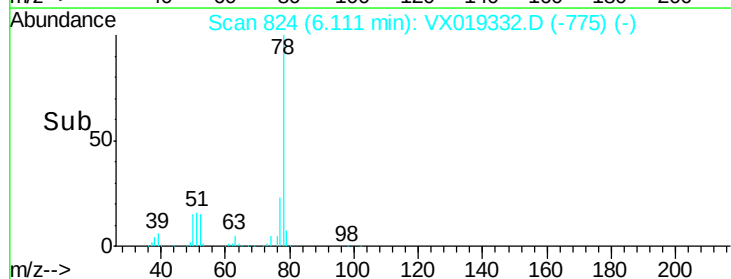
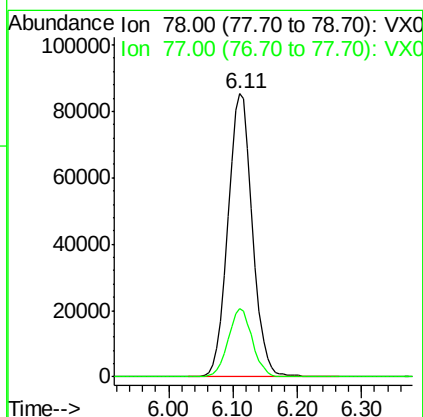
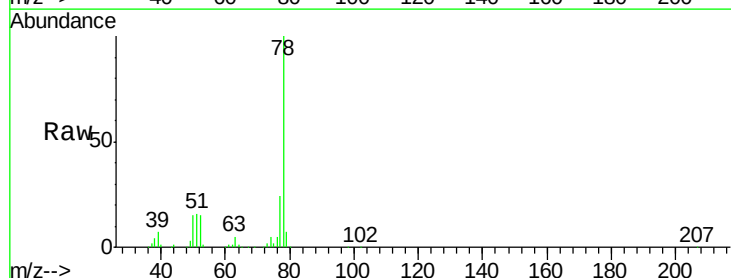
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

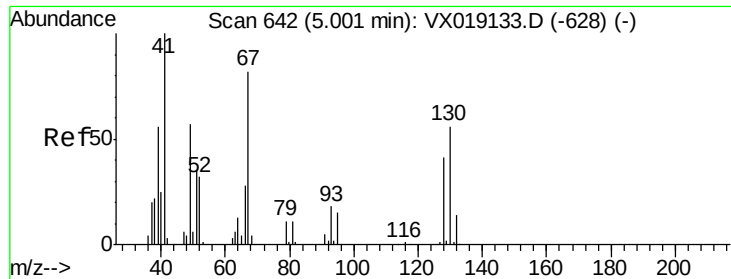
Tot Ion: 83 Resp: 92813
Ion Ratio Lower Upper
83 100
55 74.4 57.0 85.6
98 50.0 40.5 60.7



#40
Benzene
Concen: 19.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 78 Resp: 227660
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

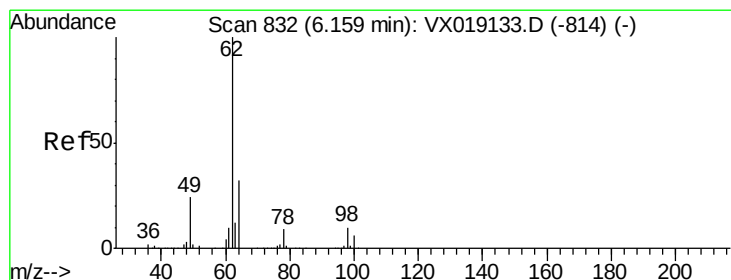
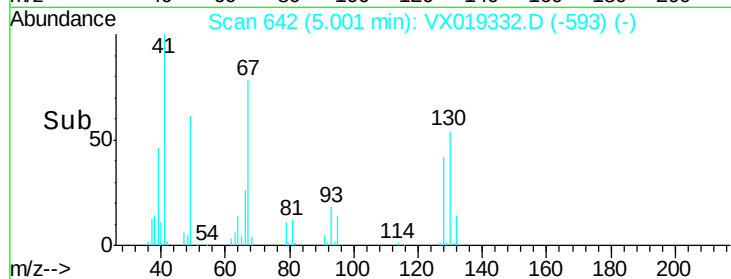
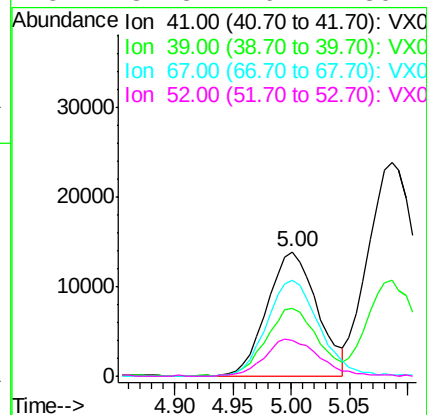
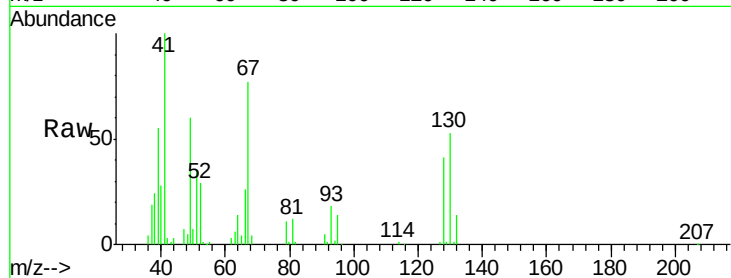




#41
Methacrylonitrile
Concen: 20.297 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

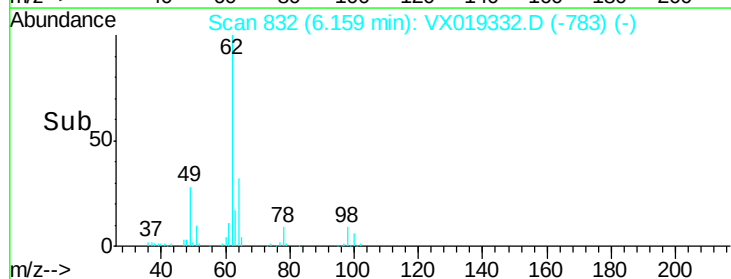
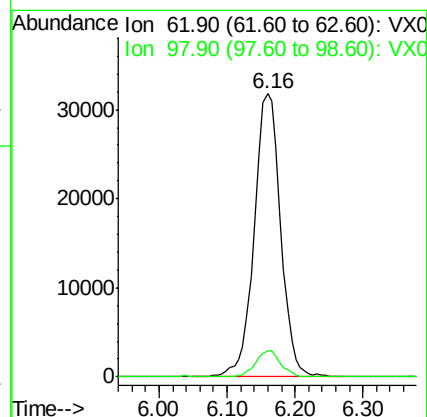
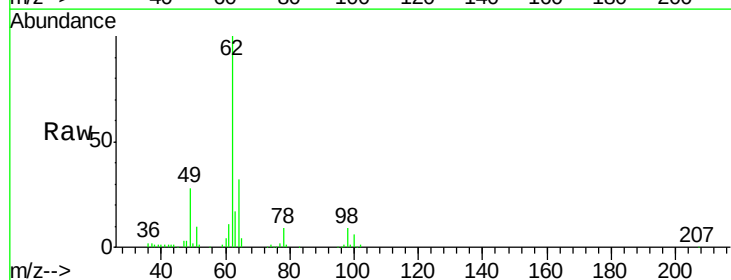
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

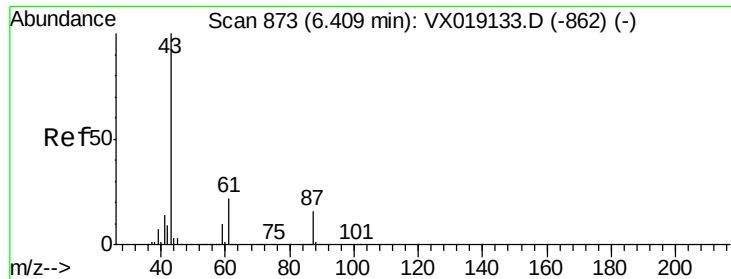
Tot Ion:	41	Resp:	41775
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.4	66.6
67	80.4	66.4	99.6
52	32.3	26.2	39.4



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion:	62	Resp:	86628
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.026 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

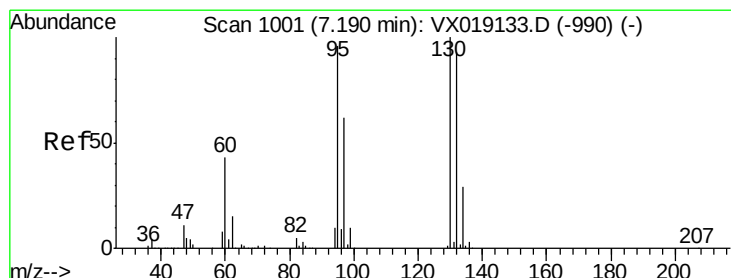
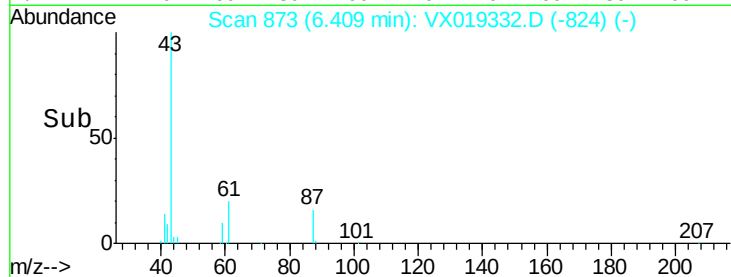
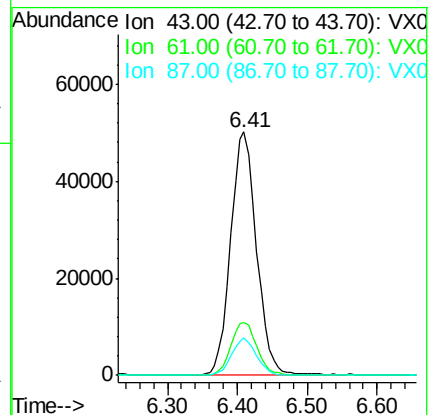
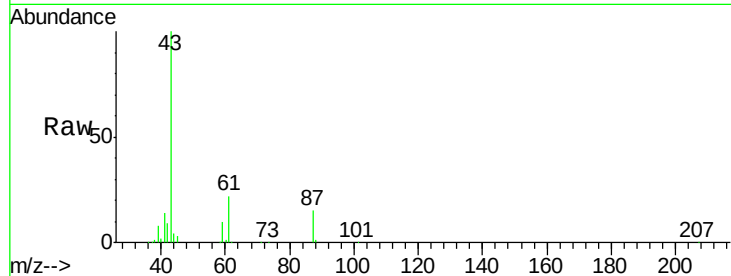
Tot Ion: 43 Resp: 128155

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.6

87 14.9 12.6 19.0



#44

Trichloroethene

Concen: 18.363 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019332.D

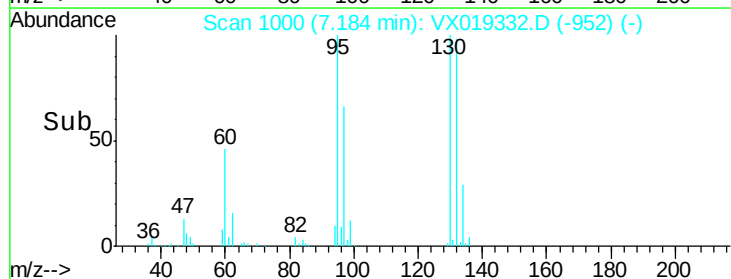
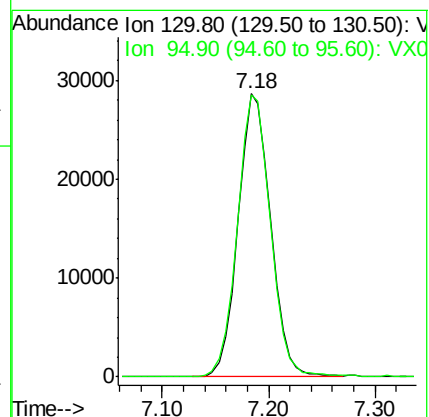
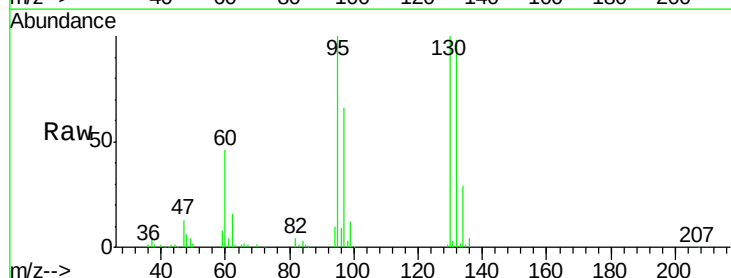
Acq: 06 Nov 2020 11:37

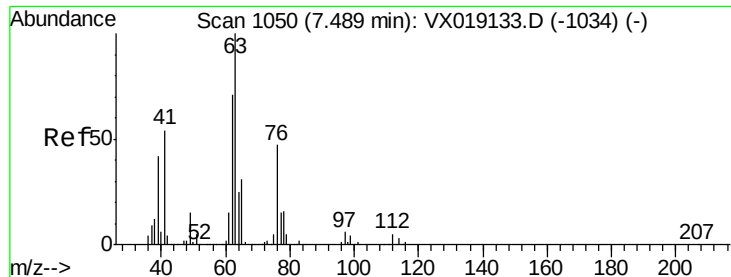
Tgt Ion: 130 Resp: 61378

Ion Ratio Lower Upper

130 100

95 99.8 0.0 192.0

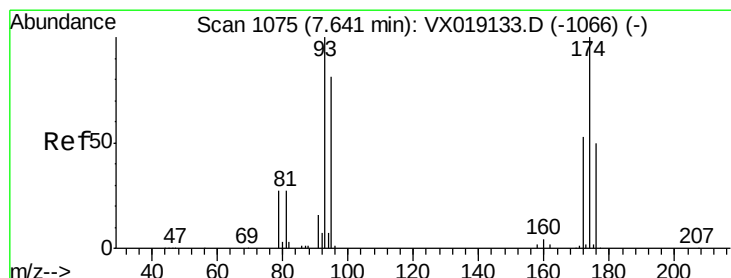
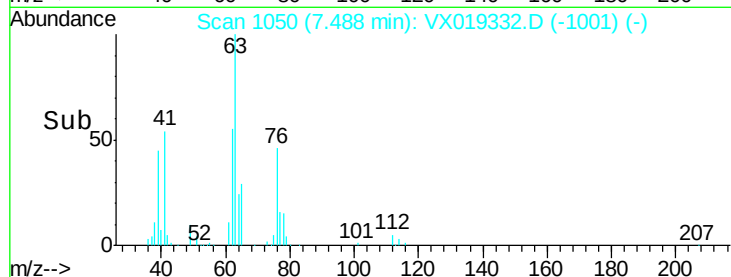
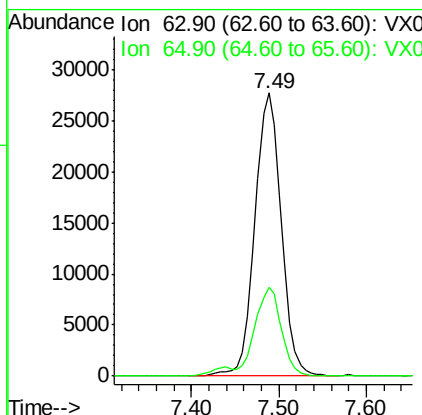
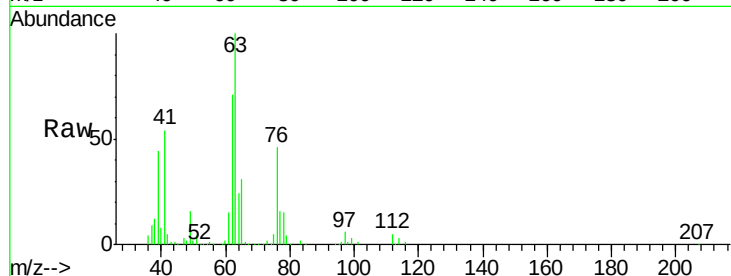




#45
 1,2-Dichloropropane
 Concen: 20.358 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

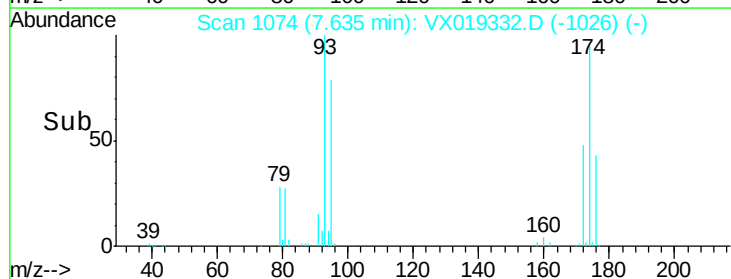
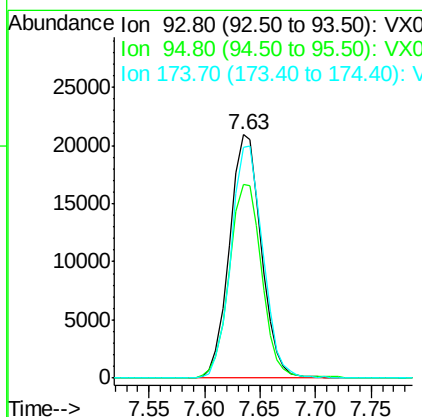
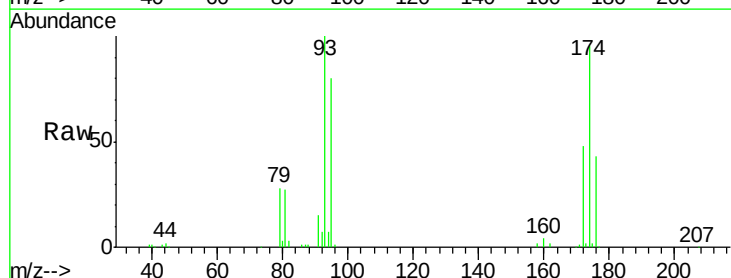
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

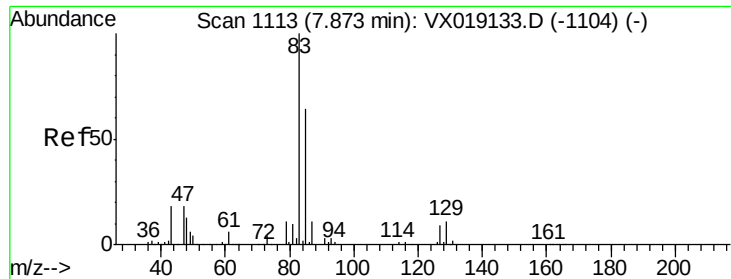
Tot Ion: 63 Resp: 58195
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.2 37.8



#46
 Dibromomethane
 Concen: 19.643 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 93 Resp: 41522
 Ion Ratio Lower Upper
 93 100
 95 80.6 67.0 100.6
 174 95.4 81.7 122.5





#47

Bromodichloromethane

Concen: 19.468 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

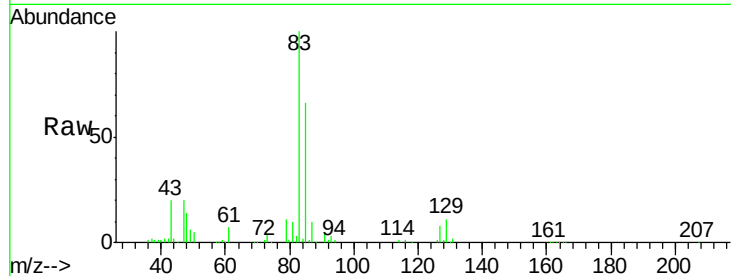
Tot Ion: 83 Resp: 81111

Ion Ratio Lower Upper

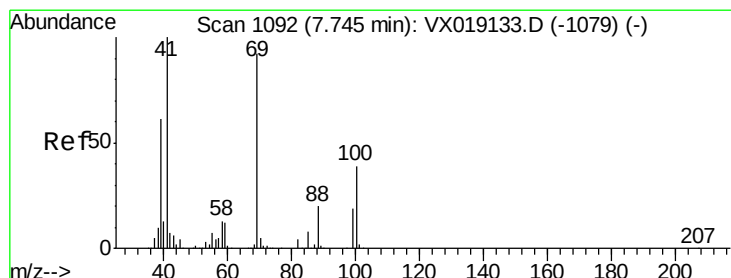
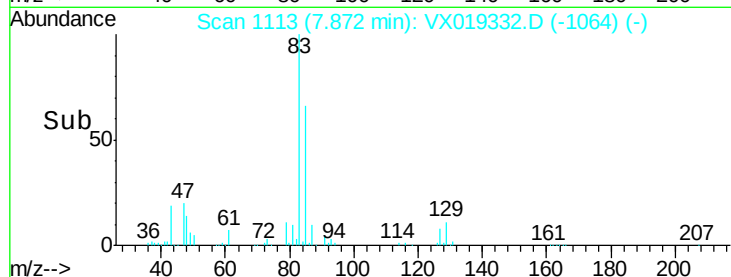
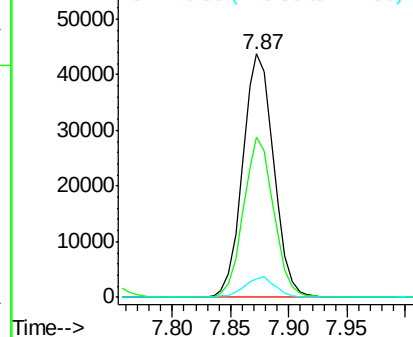
83 100

85 65.7 51.2 76.8

127 7.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.079 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

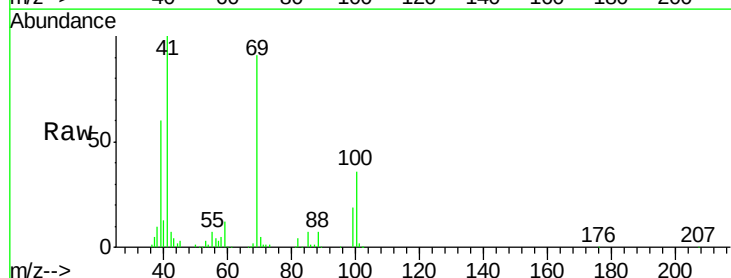
Tgt Ion: 41 Resp: 61846

Ion Ratio Lower Upper

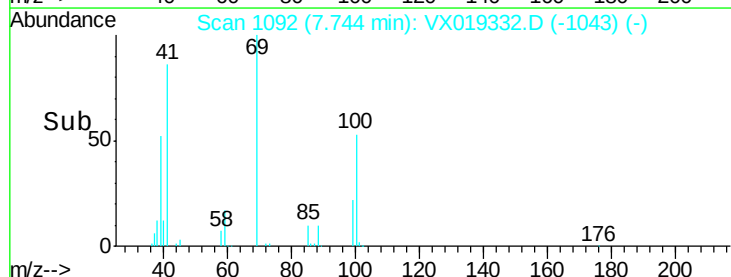
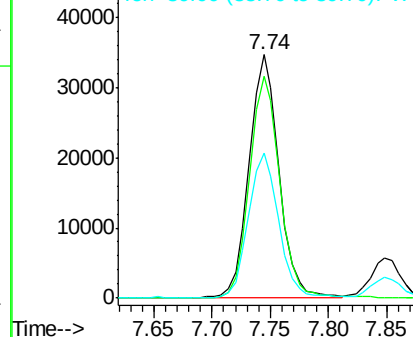
41 100

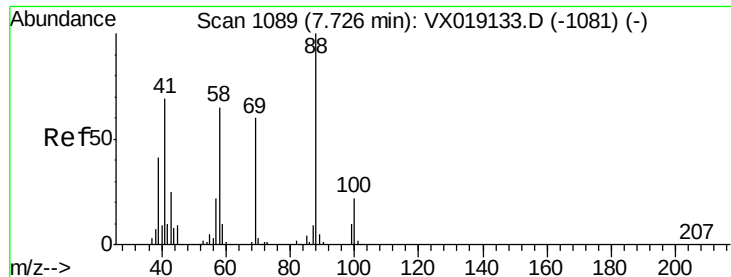
69 92.2 75.5 113.3

39 61.3 48.9 73.3



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





#49

1,4-Dioxane

Concen: 388.806 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

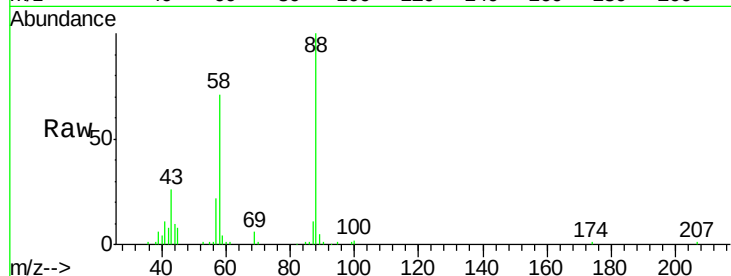
Tot Ion: 88 Resp: 26632

Ion Ratio Lower Upper

88 100

43 31.2 23.0 34.6

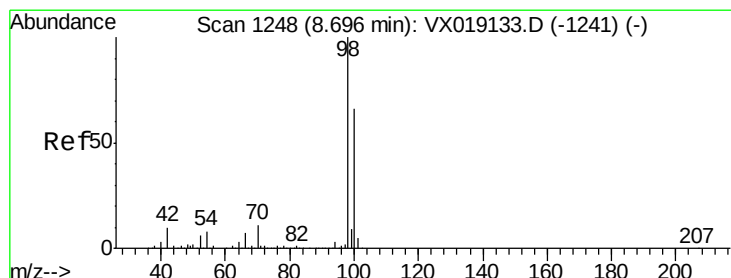
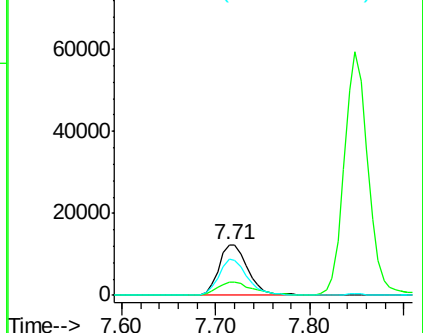
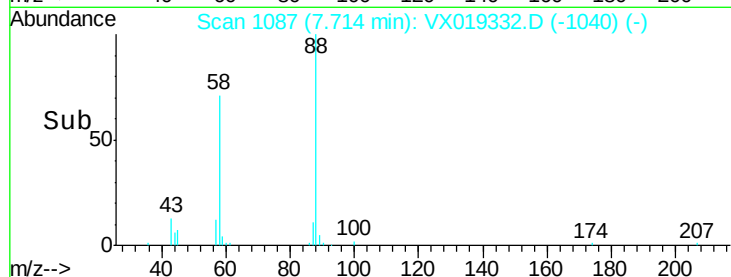
58 69.9 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.556 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019332.D

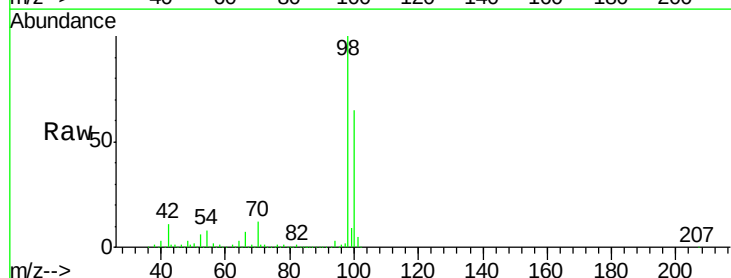
Acq: 06 Nov 2020 11:37

Tgt Ion: 98 Resp: 512499

Ion Ratio Lower Upper

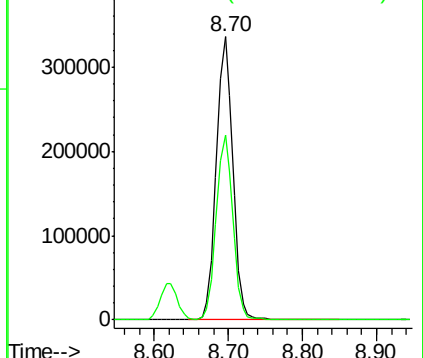
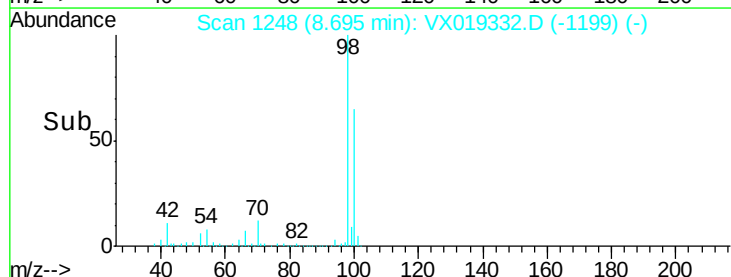
98 100

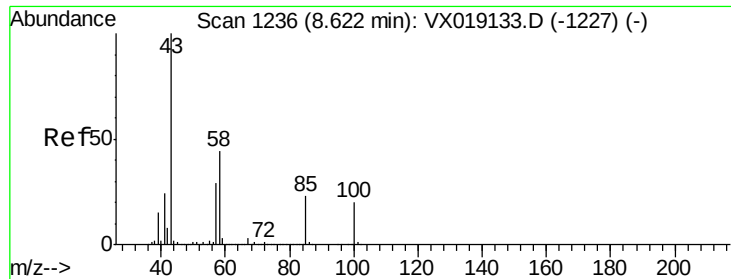
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 103.956 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampled :

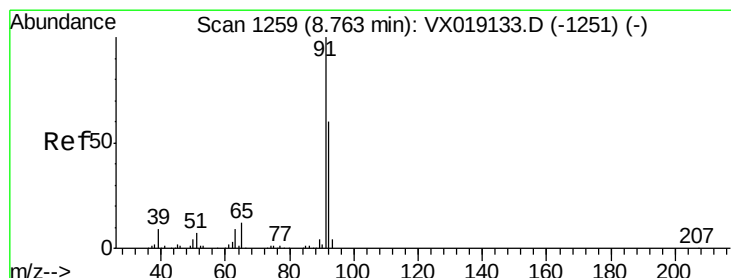
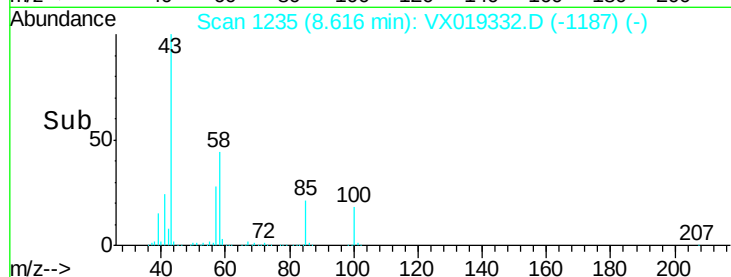
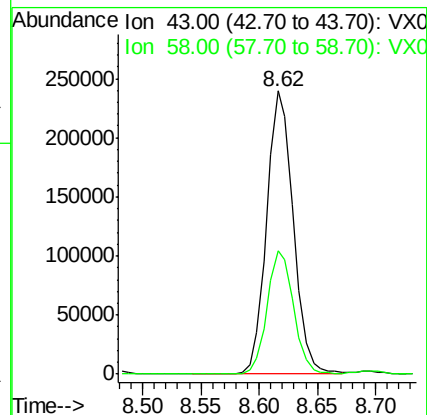
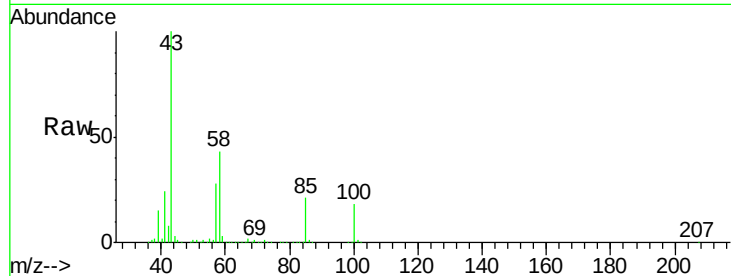
VX1107WBSD01

Tot Ion: 43 Resp: 382351

Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.4



#52

Toluene

Concen: 19.432 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019332.D

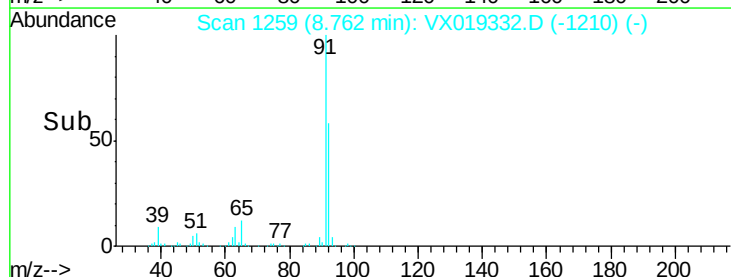
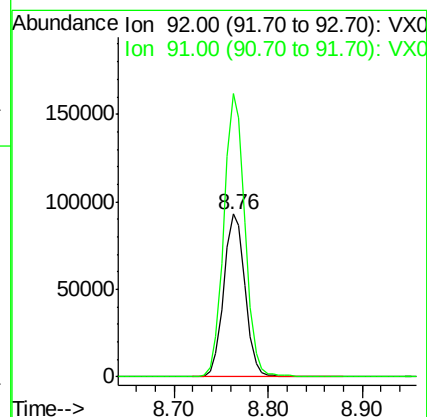
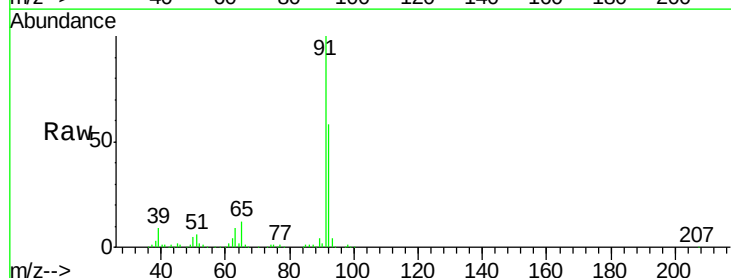
Acq: 06 Nov 2020 11:37

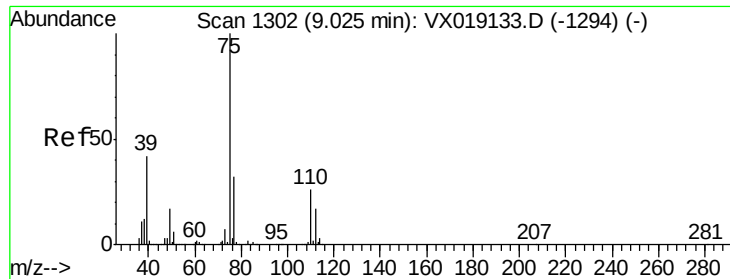
Tgt Ion: 92 Resp: 146063

Ion Ratio Lower Upper

92 100

91 171.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.140 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

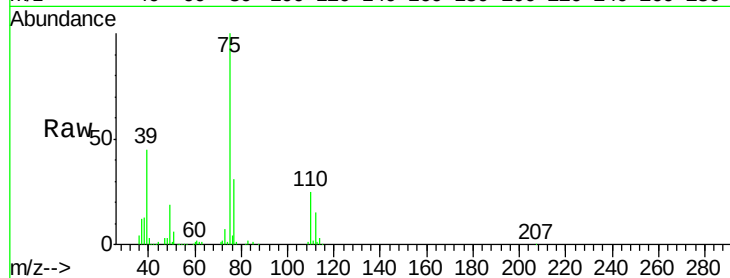
VX1107WBSD01

Tot Ion: 75 Resp: 91084

Ion Ratio Lower Upper

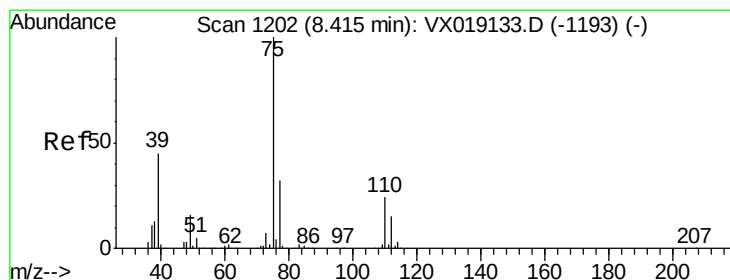
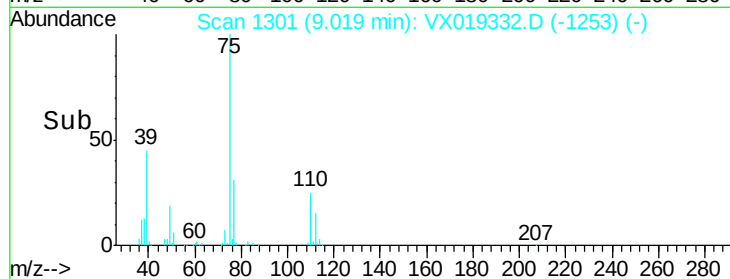
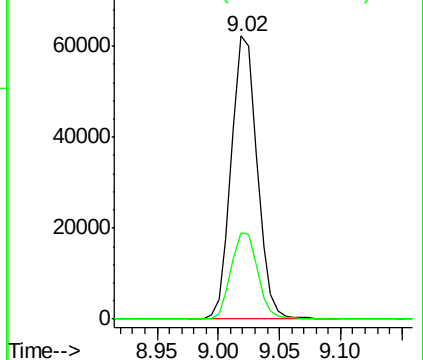
75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.605 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

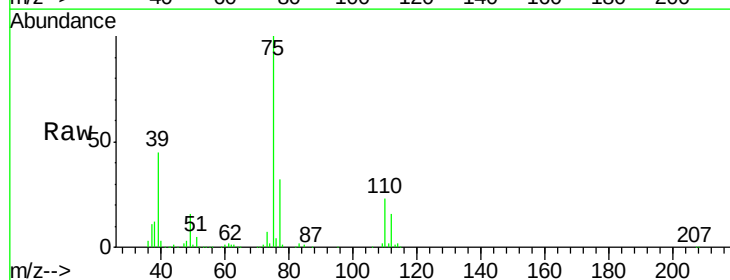
Tgt Ion: 75 Resp: 98108

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

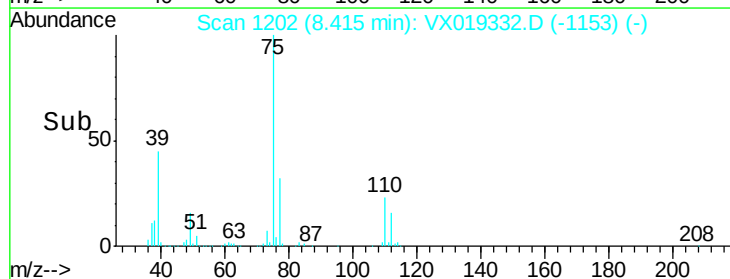
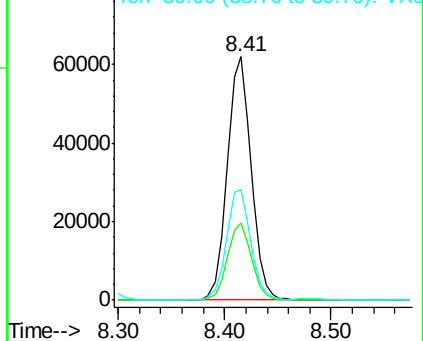
39 45.3 36.2 54.2

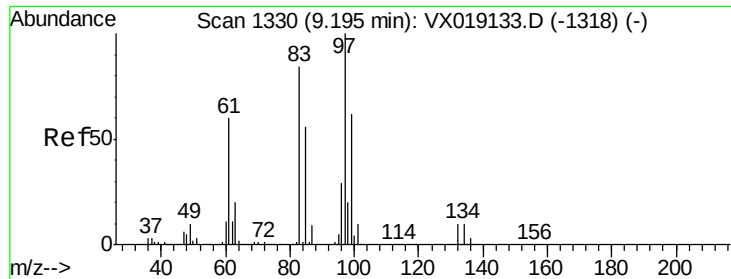


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.685 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tot Ion: 97 Resp: 58463

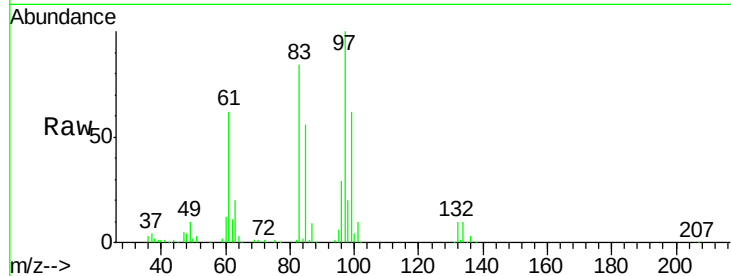
Ion Ratio Lower Upper

97 100

83 83.7 67.2 100.8

85 56.4 44.6 67.0

99 61.9 49.4 74.0

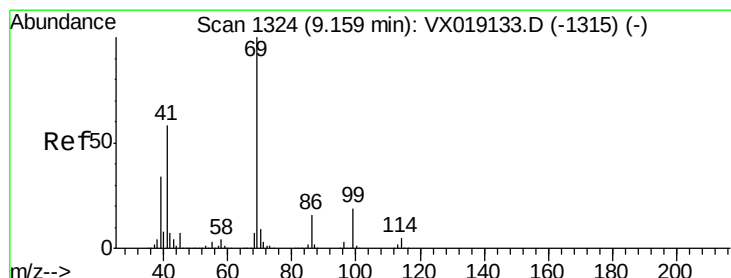
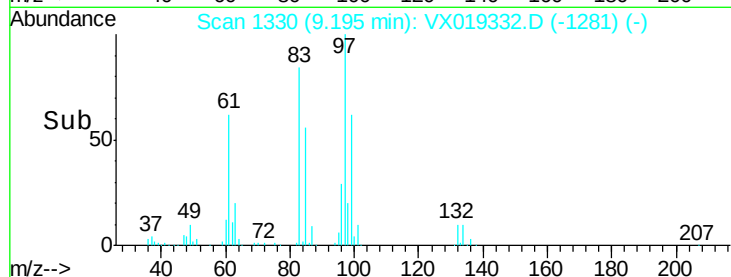
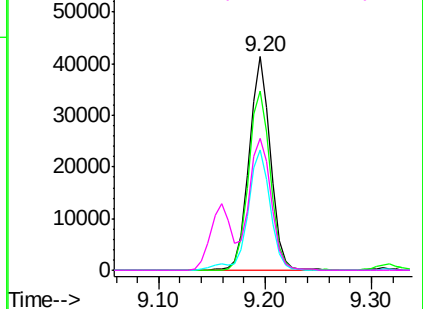


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.003 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

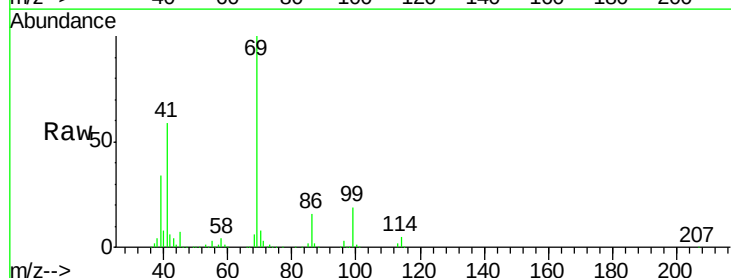
Tgt Ion: 69 Resp: 89733

Ion Ratio Lower Upper

69 100

41 60.0 46.5 69.7

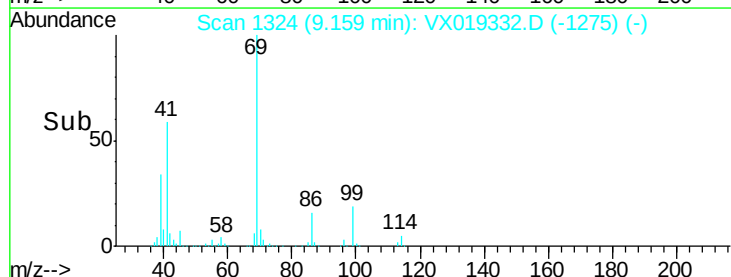
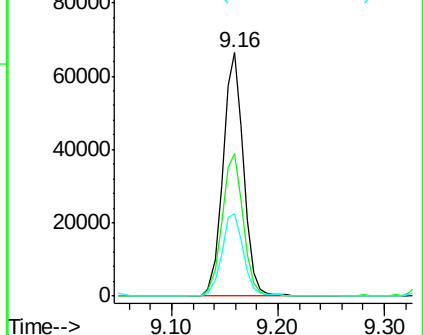
39 35.4 27.6 41.4

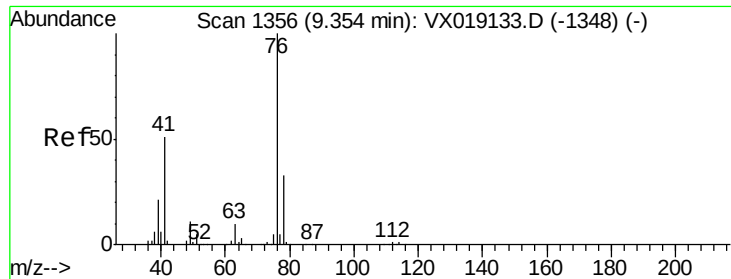


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

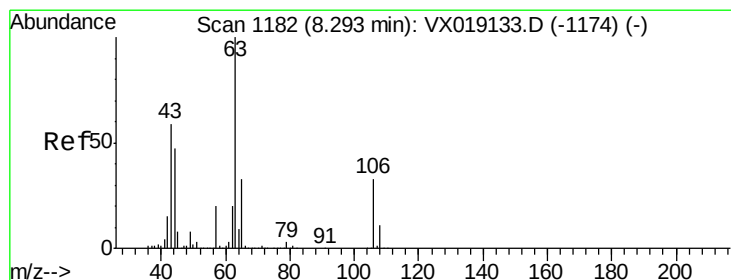
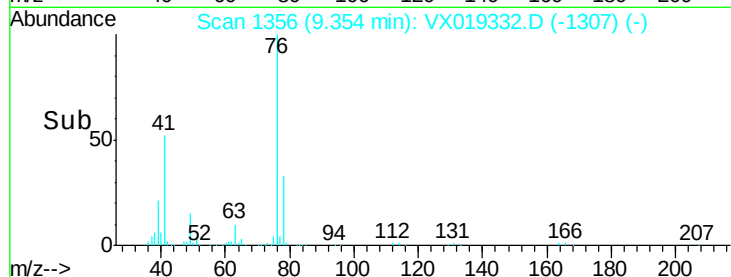
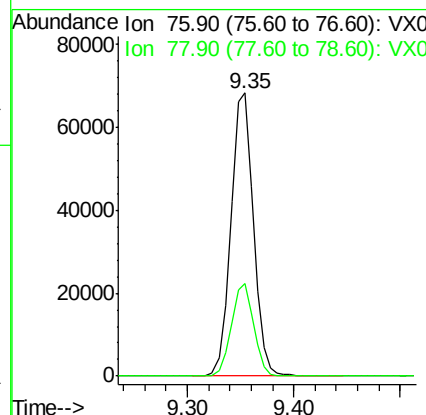
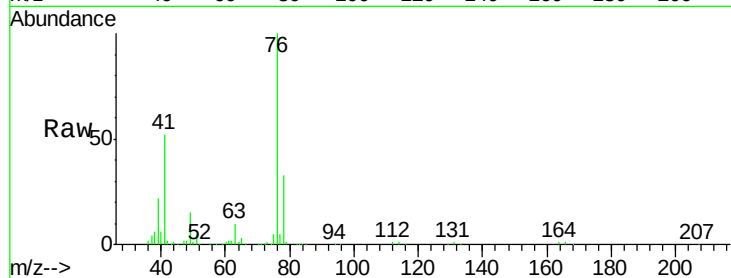




#57
 1,3-Dichloropropane
 Concen: 20.191 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

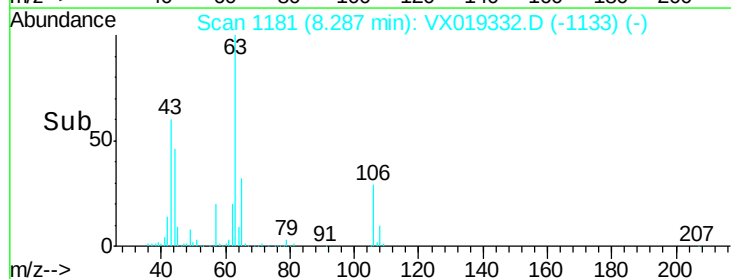
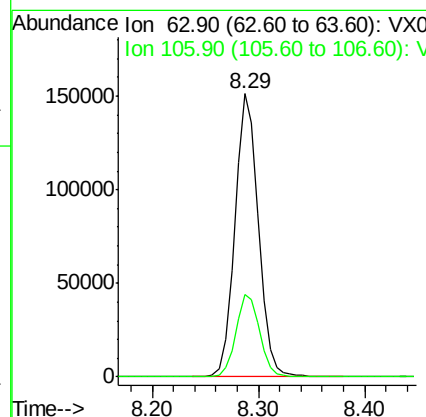
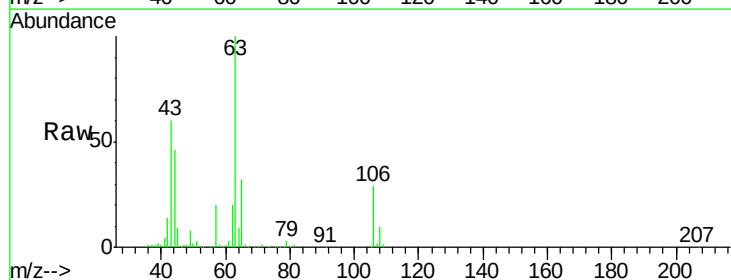
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

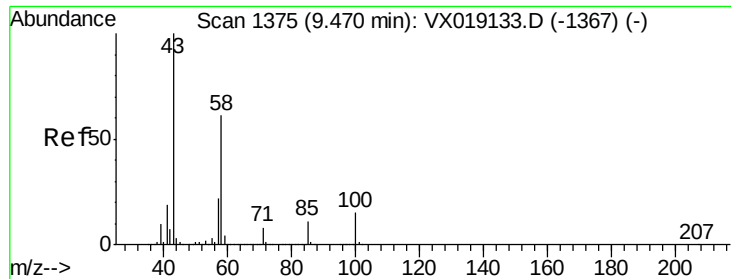
Tot Ion: 76 Resp: 101102
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.278 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 63 Resp: 234018
 Ion Ratio Lower Upper
 63 100
 106 29.4 25.1 37.7

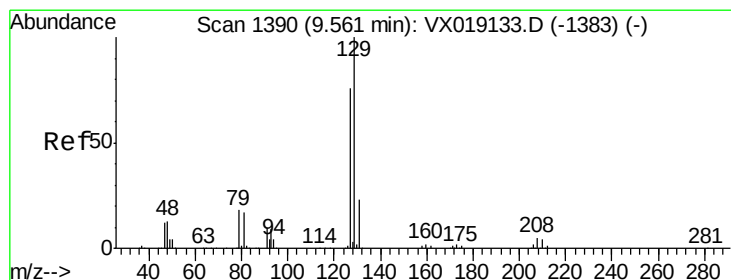
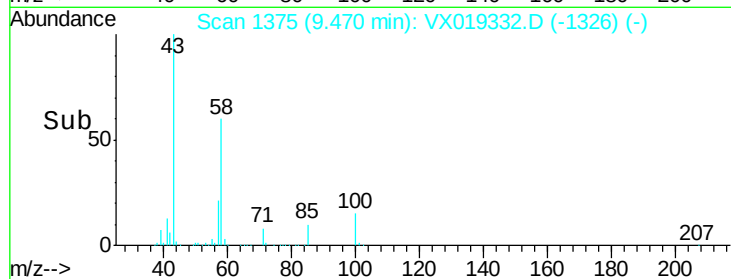
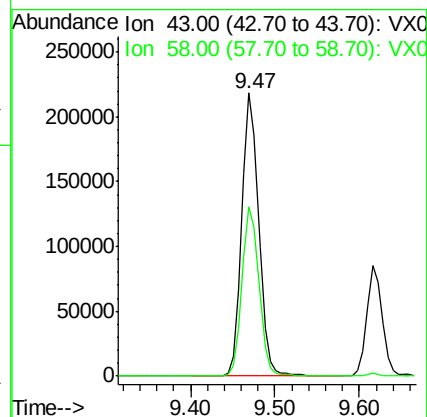
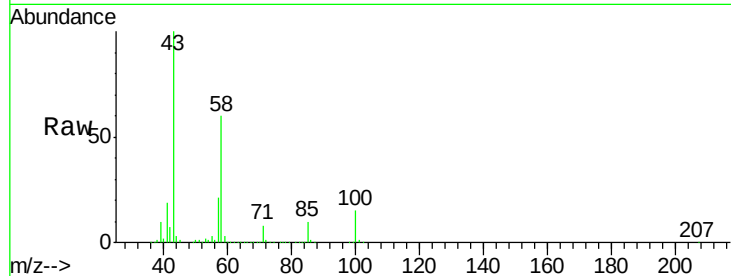




#59
2-Hexanone
Concen: 105.494 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

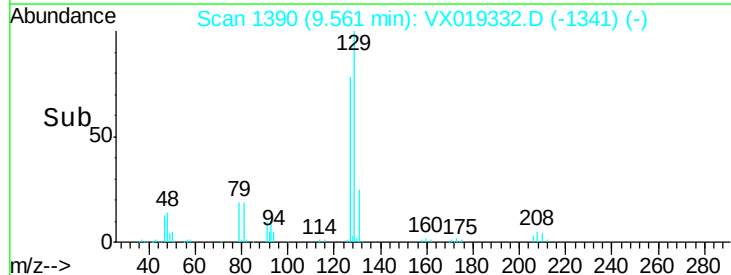
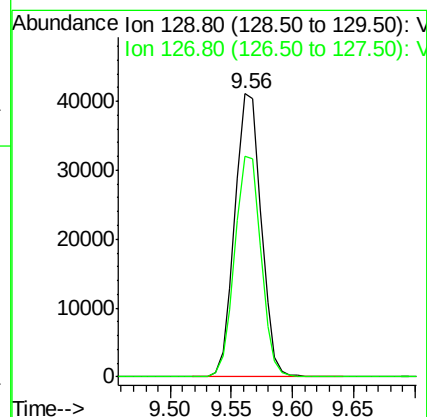
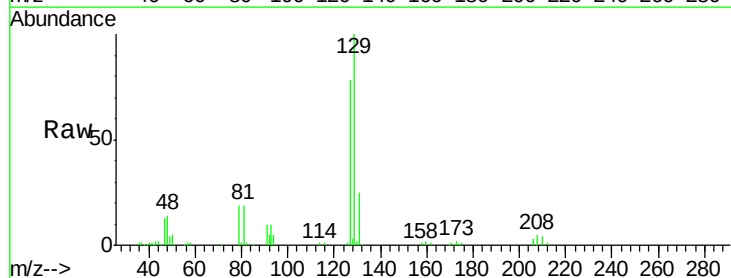
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

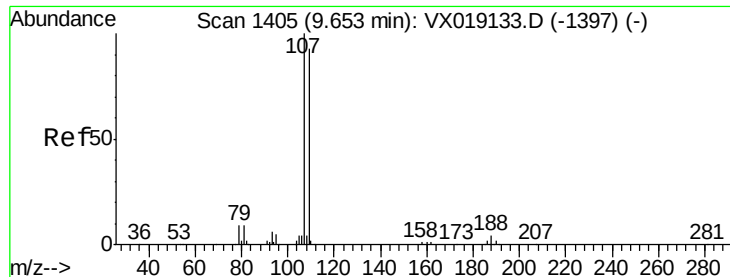
Tot Ion: 43 Resp: 295355
Ion Ratio Lower Upper
43 100
58 60.0 30.5 91.5



#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 129 Resp: 61239
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.636 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

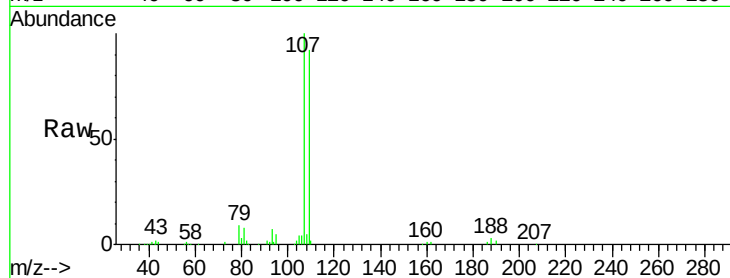
VX1107WBSD01

Tot Ion:107 Resp: 62361

Ion Ratio Lower Upper

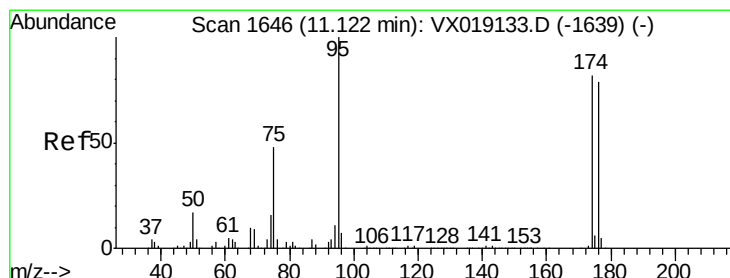
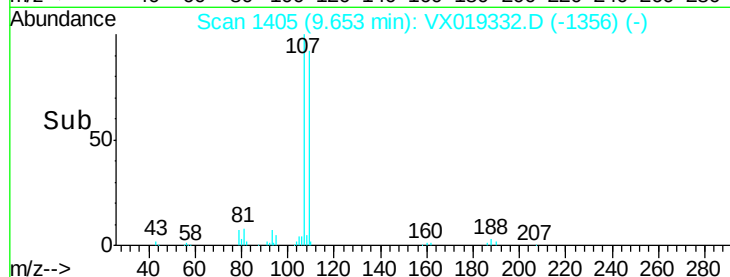
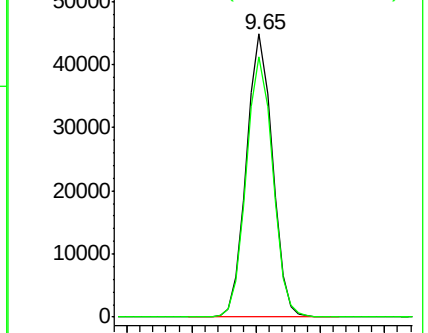
107 100

109 94.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.786 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

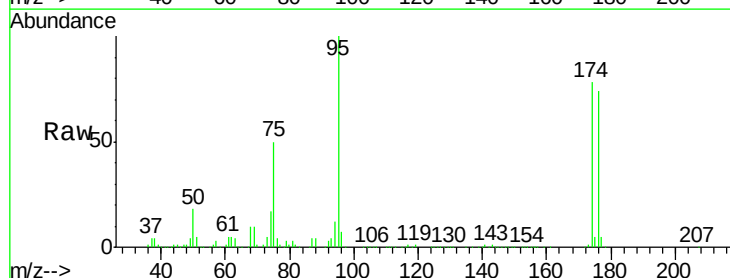
Tgt Ion: 95 Resp: 203000

Ion Ratio Lower Upper

95 100

174 74.9 0.0 156.0

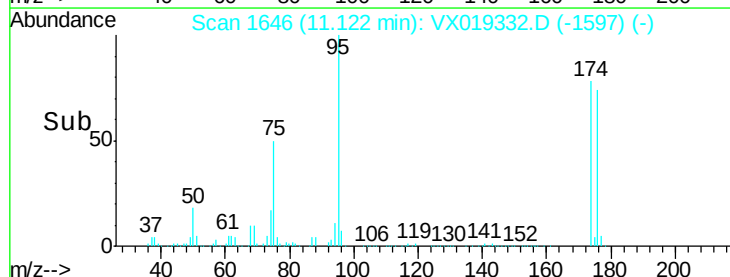
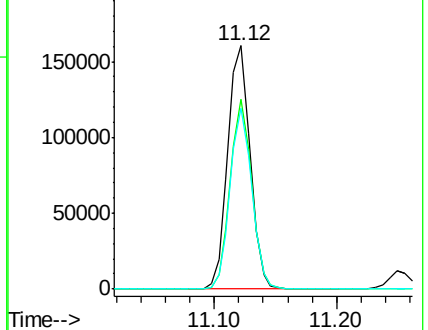
176 72.0 0.0 149.8

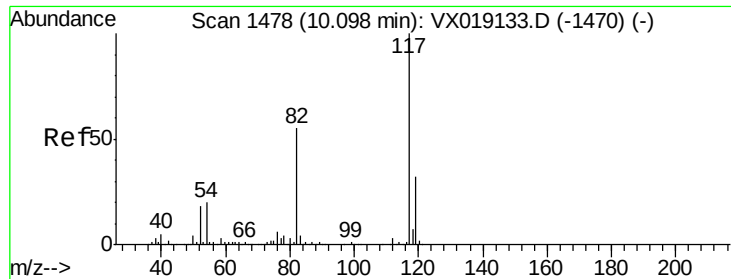


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

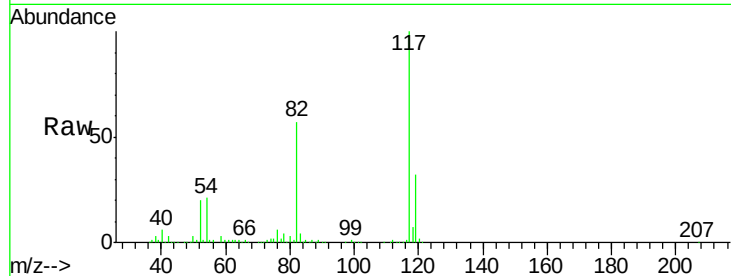




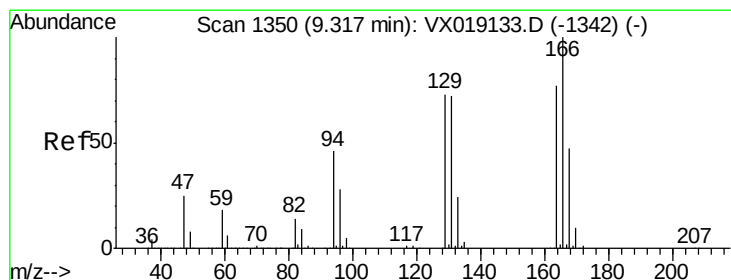
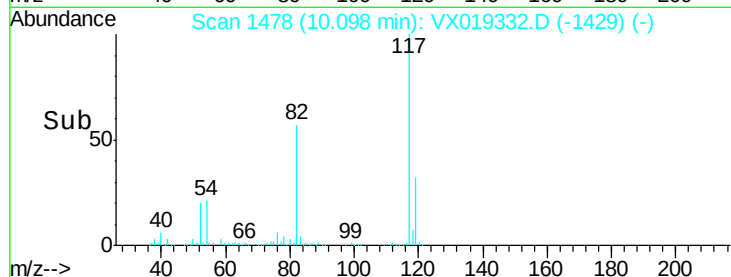
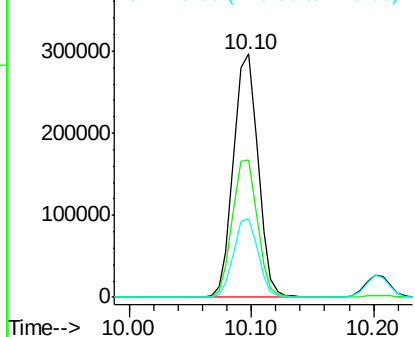
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tot Ion:117 Resp: 411714
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 32.2 25.5 38.3

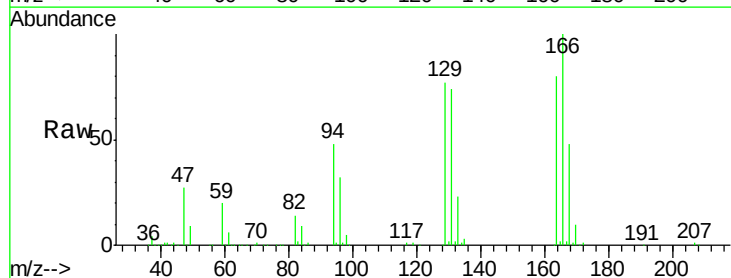


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

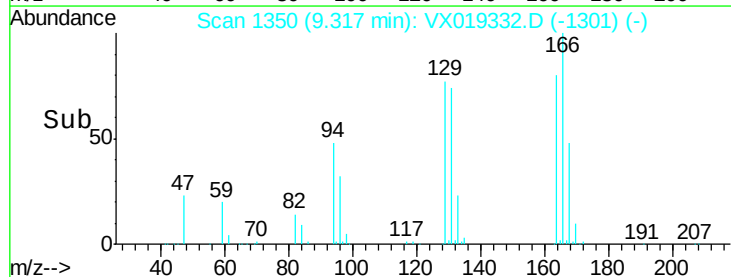
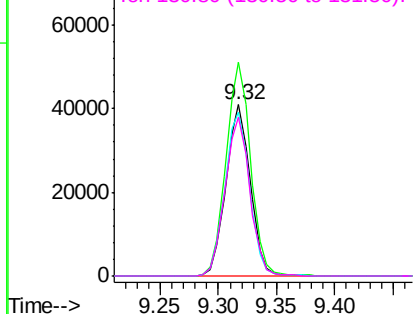


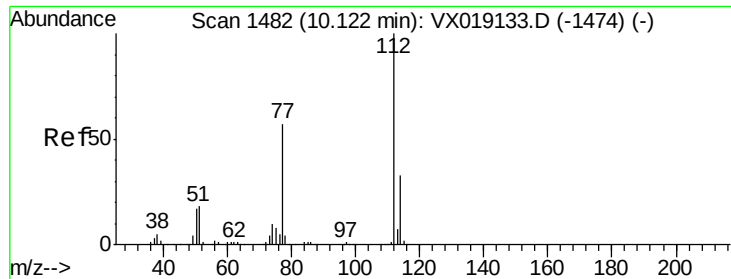
#64
Tetrachloroethene
Concen: 18.926 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion:164 Resp: 59368
Ion Ratio Lower Upper
164 100
166 124.7 104.1 156.1
129 95.8 76.2 114.4
131 92.6 74.6 112.0



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

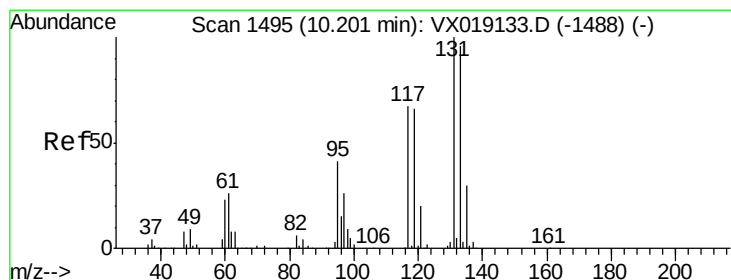
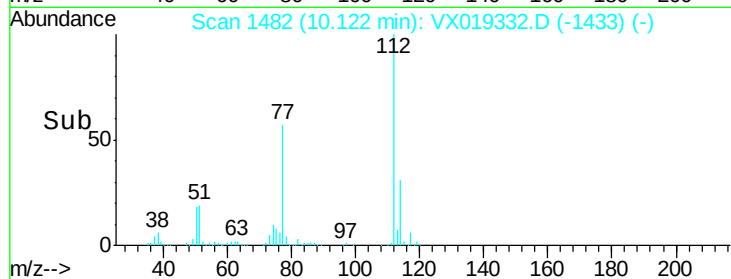
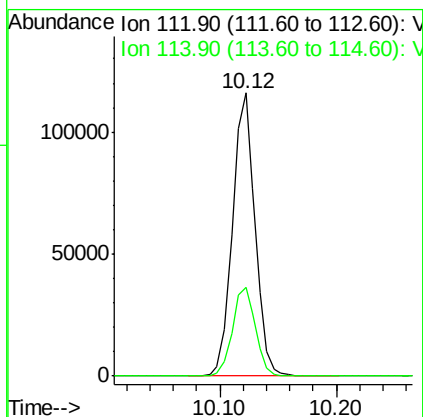
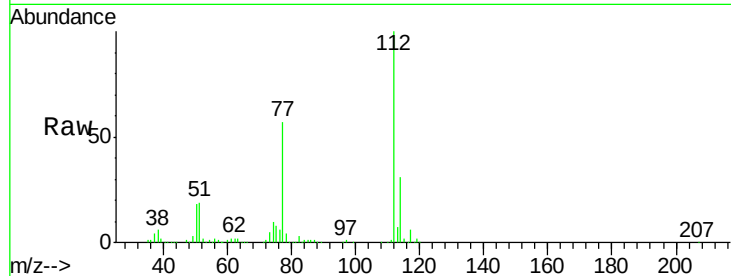




#65
Chlorobenzene
Concen: 18.546 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

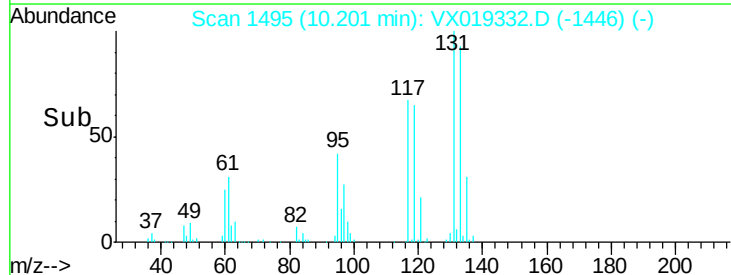
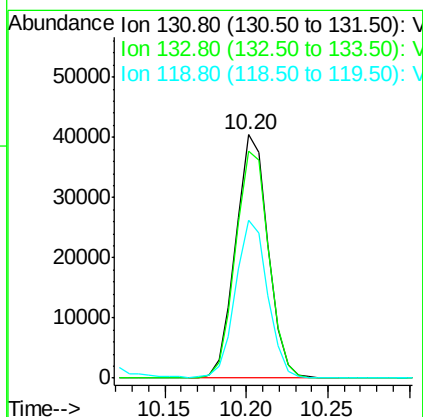
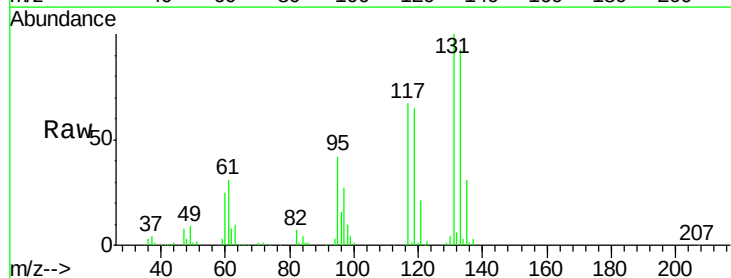
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

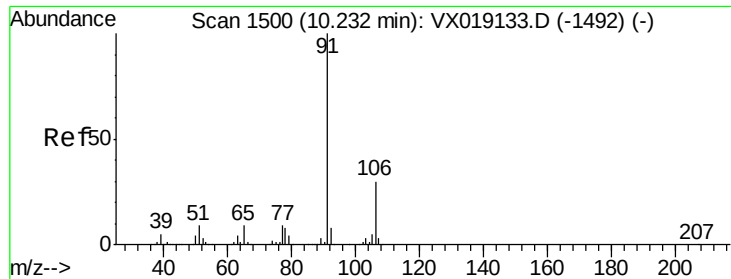
Tot Ion:112 Resp: 156066
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.522 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion:131 Resp: 56111
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 18.820 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

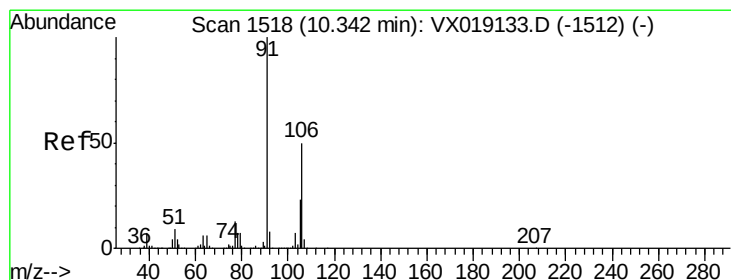
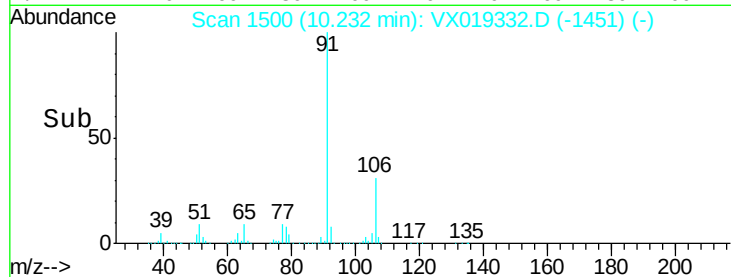
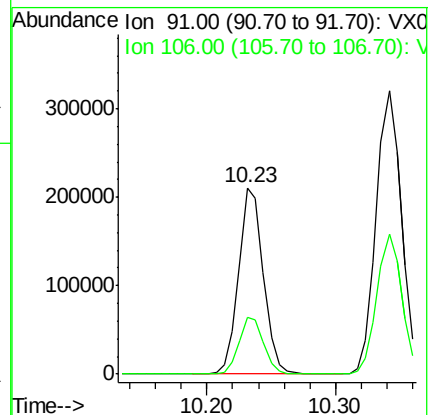
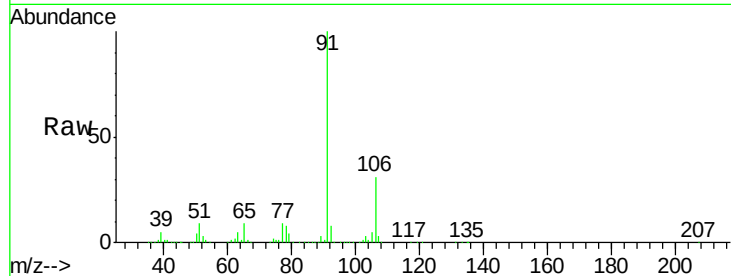
VX1107WBSD01

Tot Ion: 91 Resp: 282204

Ion Ratio Lower Upper

91 100

106 30.8 24.3 36.5



#68

m/p-Xylenes

Concen: 37.727 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019332.D

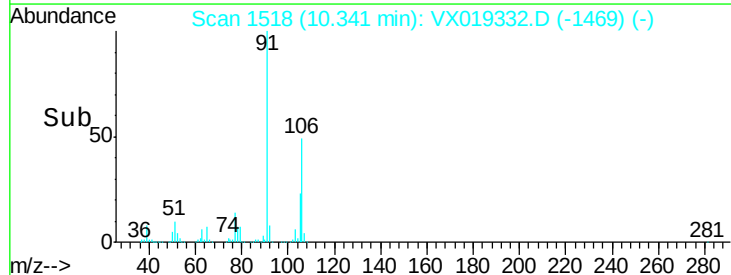
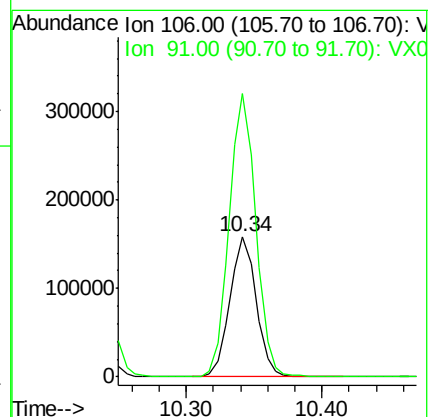
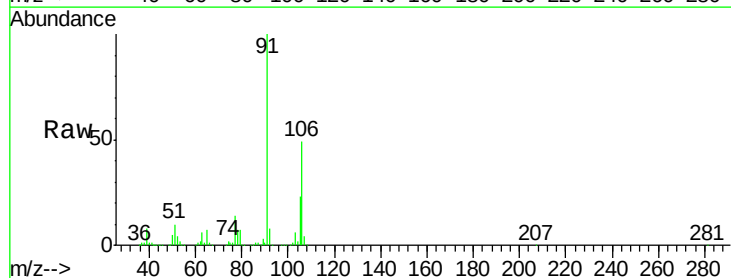
Acq: 06 Nov 2020 11:37

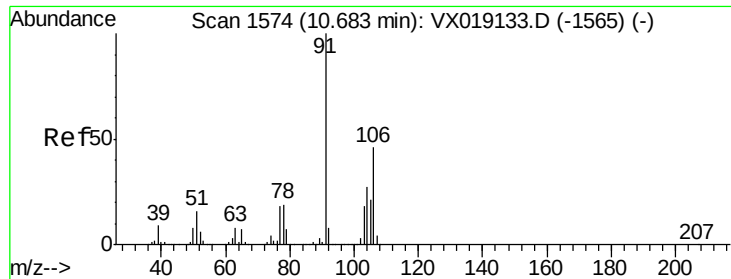
Tgt Ion: 106 Resp: 212321

Ion Ratio Lower Upper

106 100

91 204.9 161.0 241.4

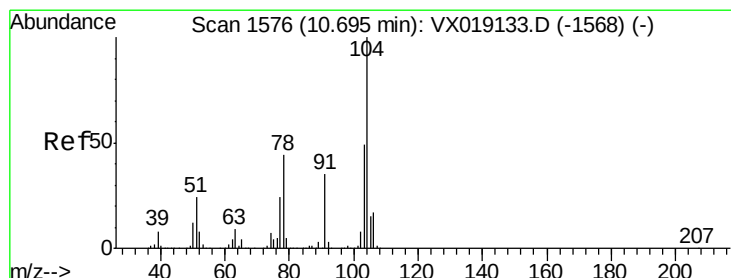
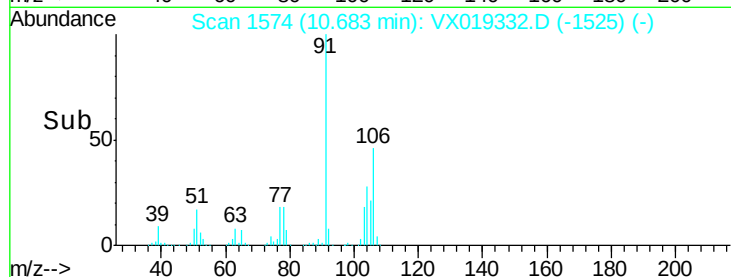
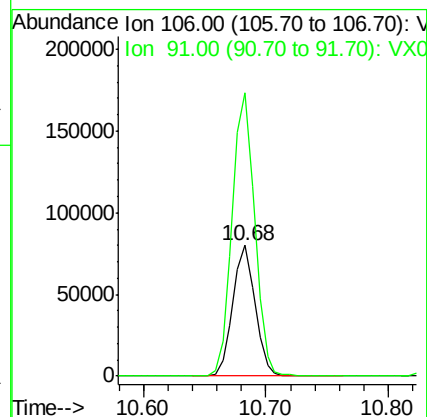
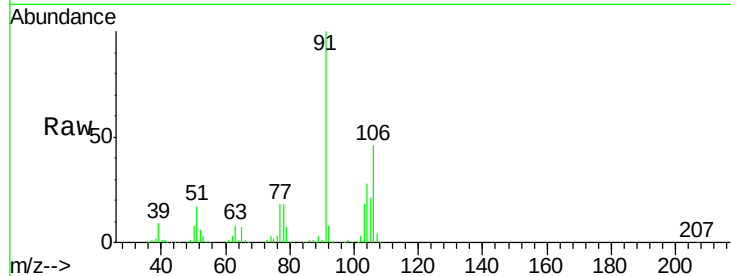




#69
o-Xylene
Concen: 18.963 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

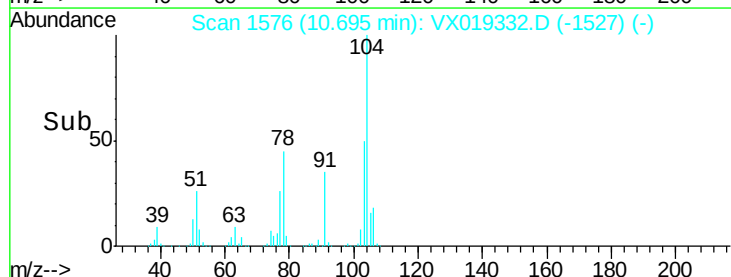
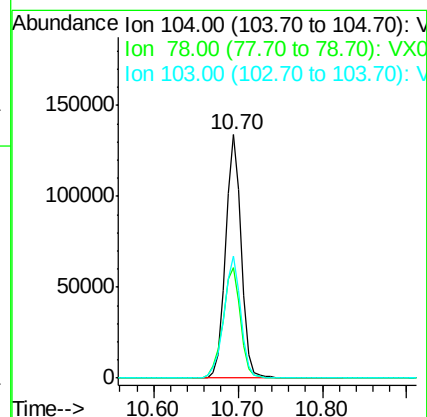
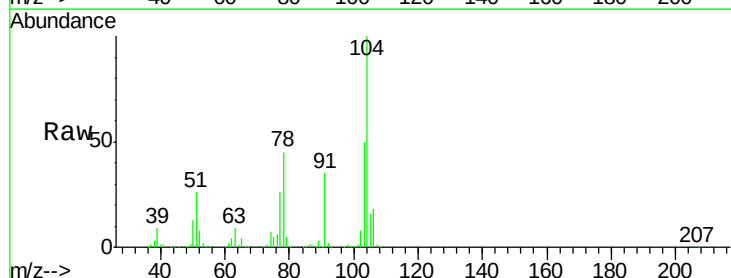
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

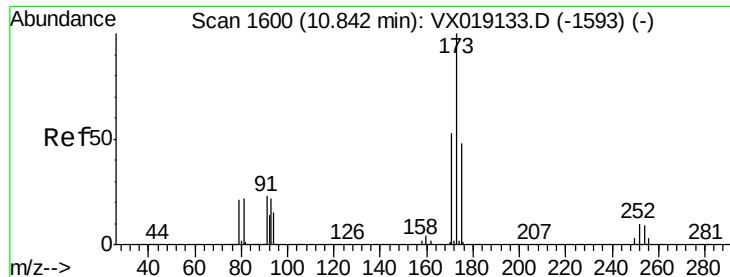
Tot Ion:106 Resp: 101225
Ion Ratio Lower Upper
106 100
91 218.1 108.3 324.8



#70
Styrene
Concen: 18.906 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019332.D
Acq: 06 Nov 2020 11:37

Tgt Ion:104 Resp: 172192
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.0 43.5 65.3





#71

Bromoform

Concen: 17.703 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

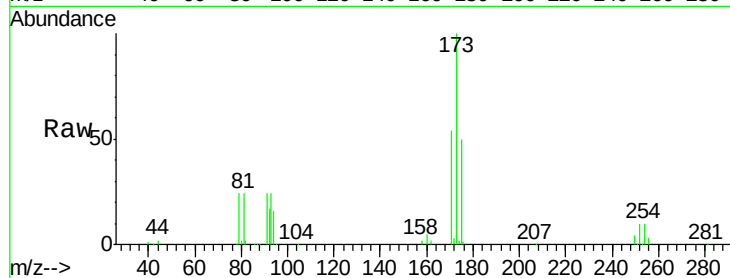
Tot Ion:173 Resp: 42522

Ion Ratio Lower Upper

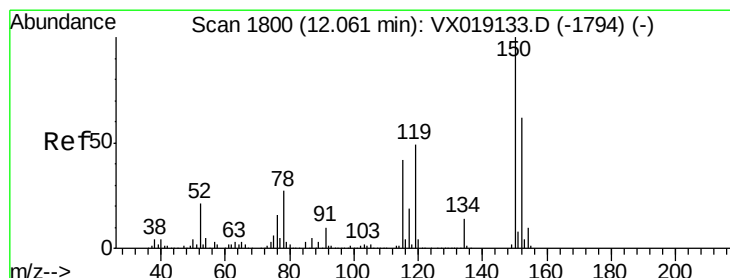
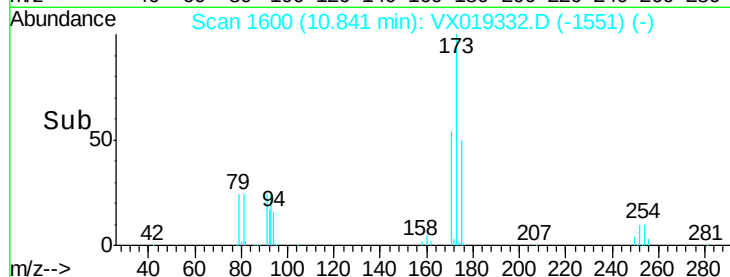
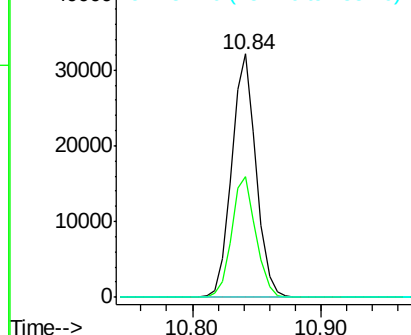
173 100

175 49.1 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: VX019332.D

Acq: 06 Nov 2020 11:37

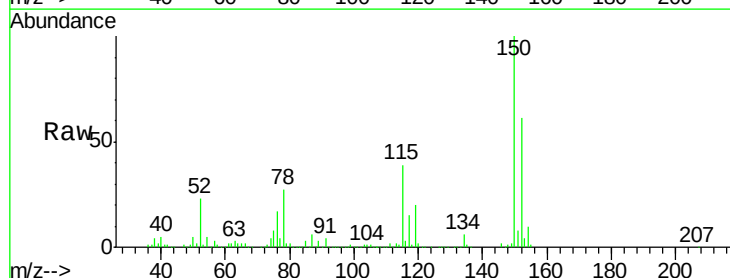
Tgt Ion:152 Resp: 209436

Ion Ratio Lower Upper

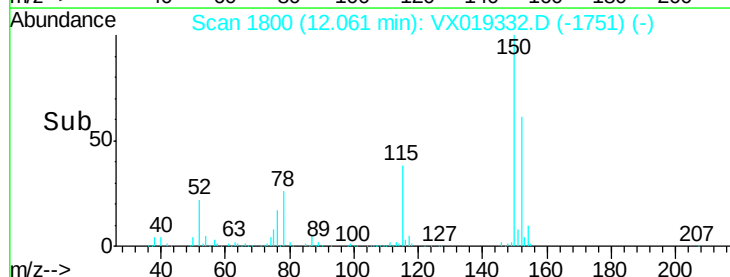
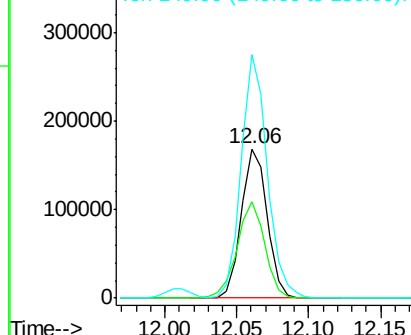
152 100

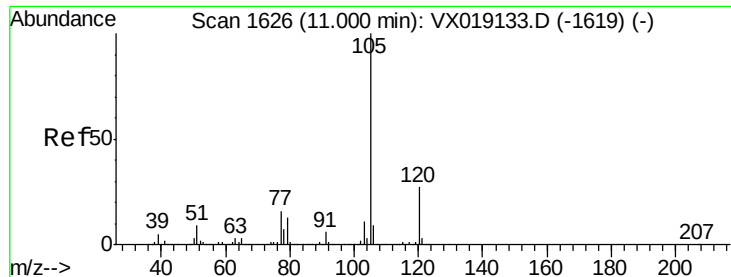
115 69.8 41.9 125.7

150 165.0 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: 18.633 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

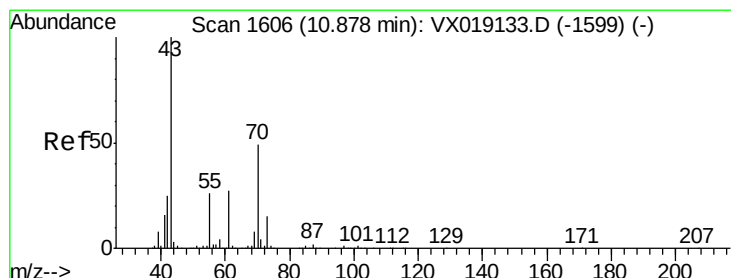
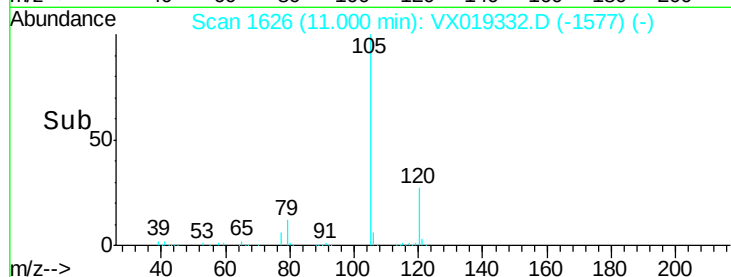
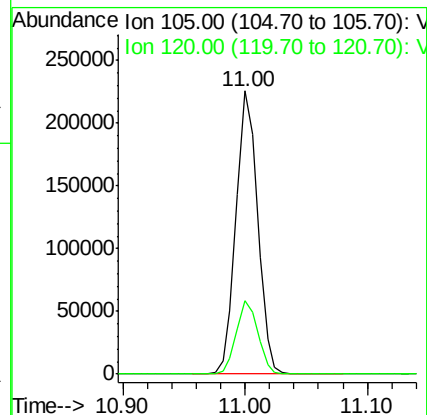
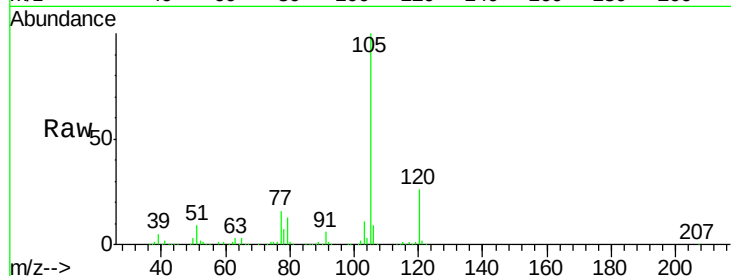
VX1107WBSD01

Tot Ion:105 Resp: 276235

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 19.579 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 106127

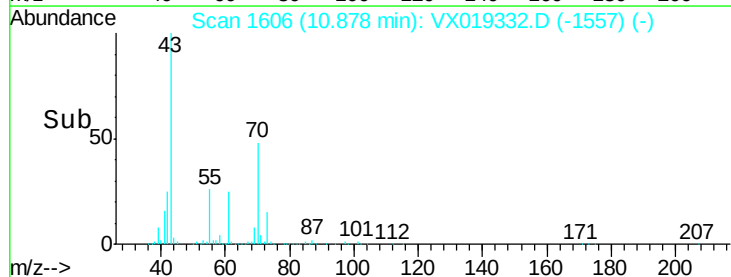
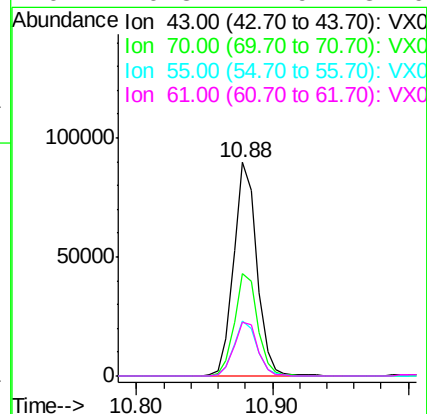
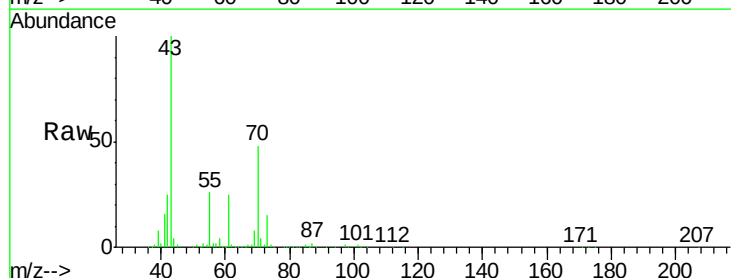
Ion Ratio Lower Upper

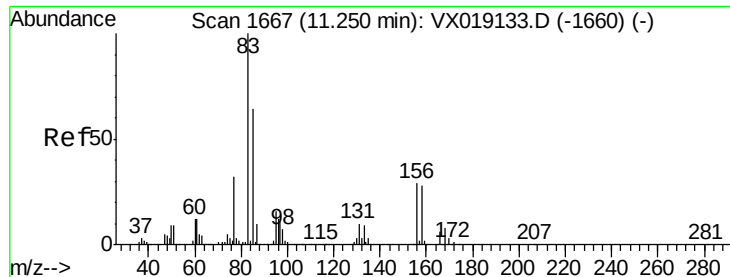
43 100

70 48.1 39.6 59.4

55 25.9 20.7 31.1

61 26.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.319 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

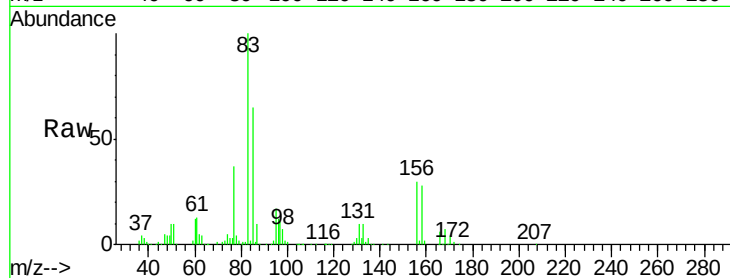
Tot Ion: 83 Resp: 89509

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

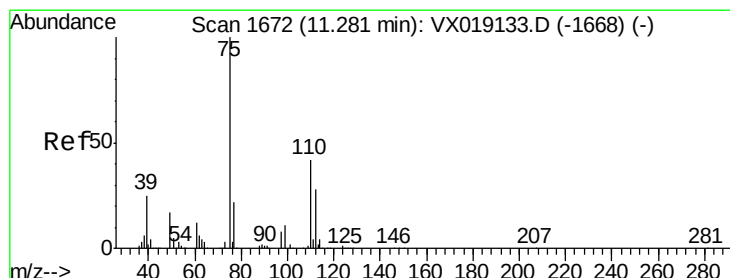
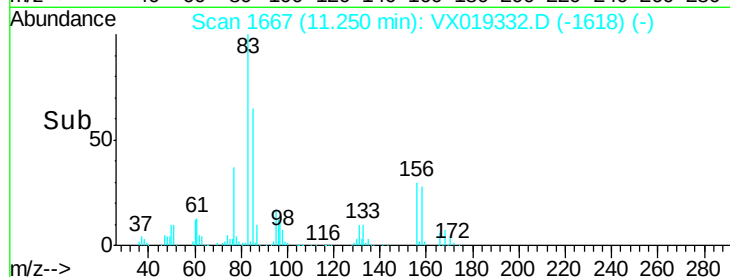
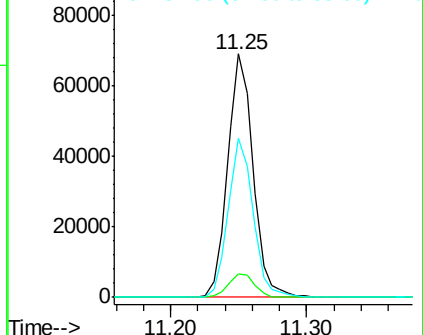
85 64.5 32.1 96.3



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: 24.828 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019332.D

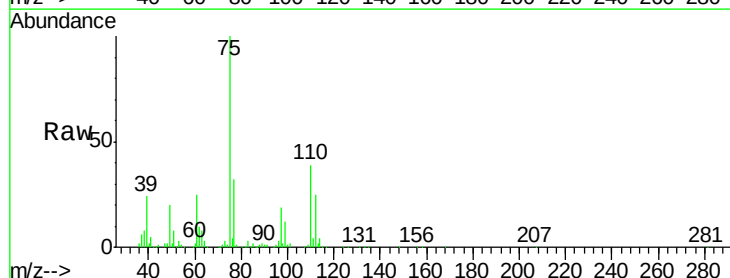
Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 107367

Ion Ratio Lower Upper

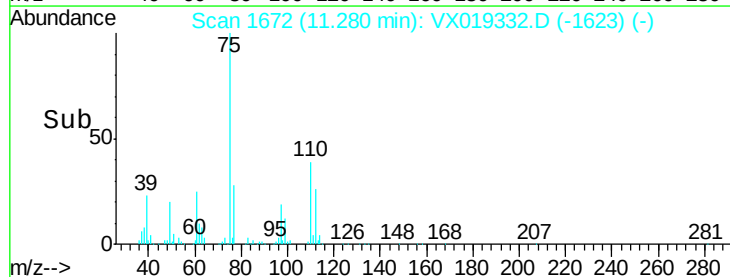
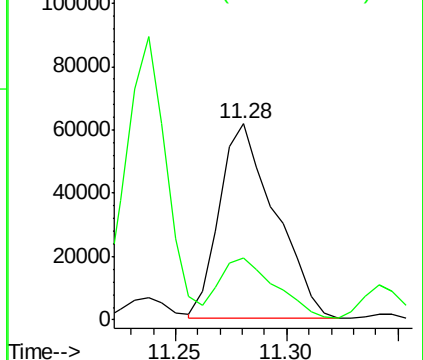
75 100

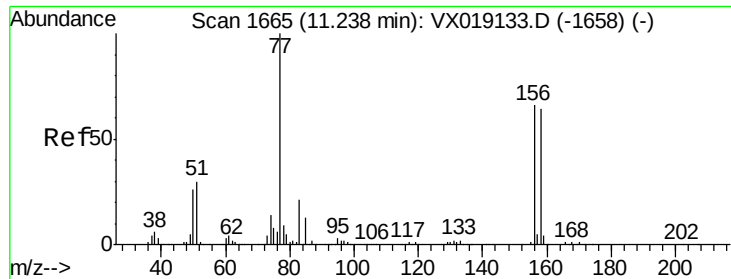
77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.367 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

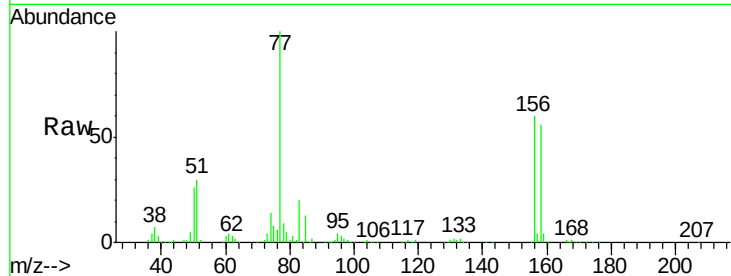
Tot Ion:156 Resp: 67579

Ion Ratio Lower Upper

156 100

77 169.0 77.7 233.1

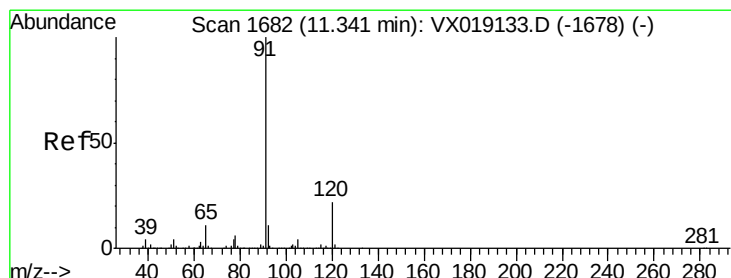
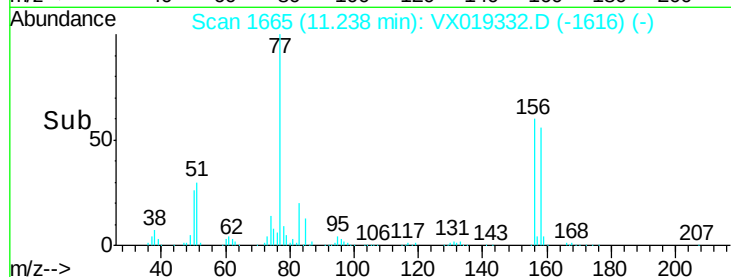
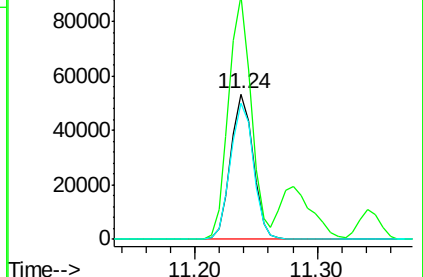
158 96.0 48.3 144.8



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: 19.117 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019332.D

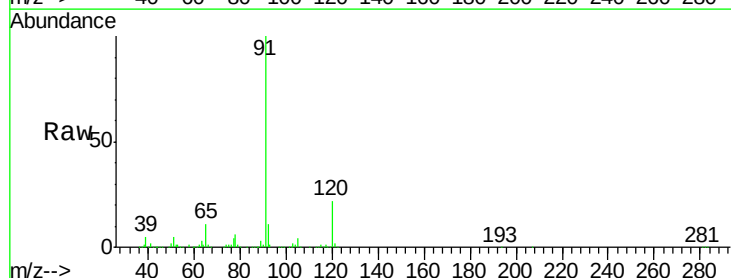
Acq: 06 Nov 2020 11:37

Tgt Ion: 91 Resp: 323514

Ion Ratio Lower Upper

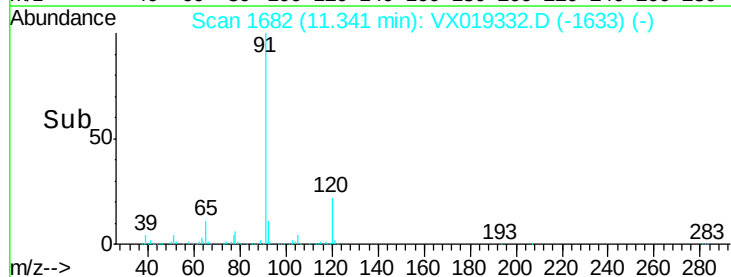
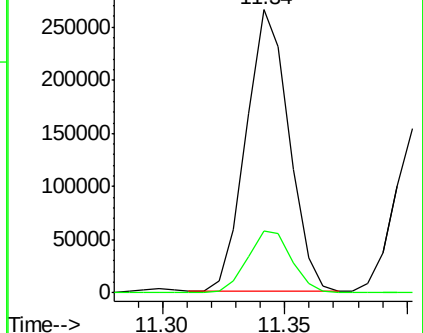
91 100

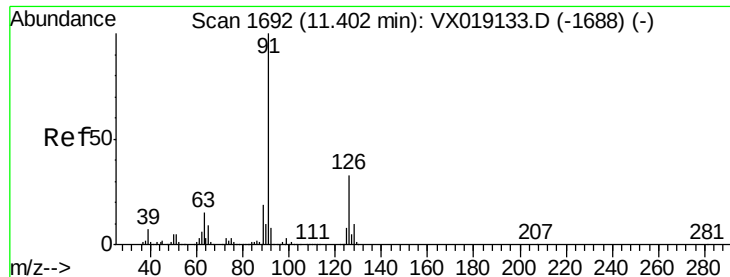
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

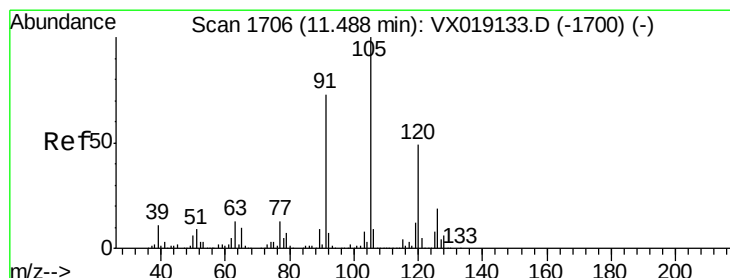
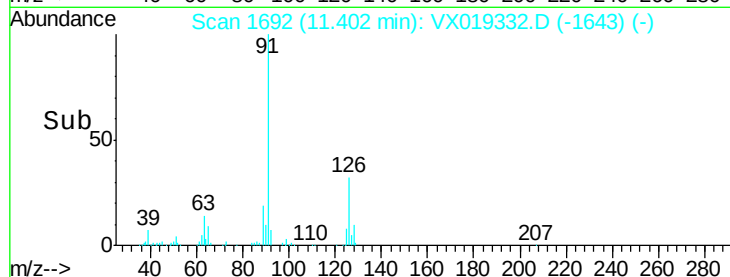
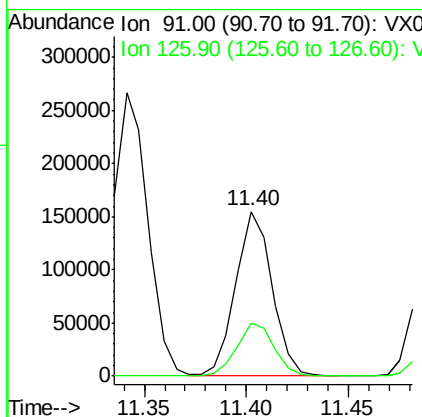
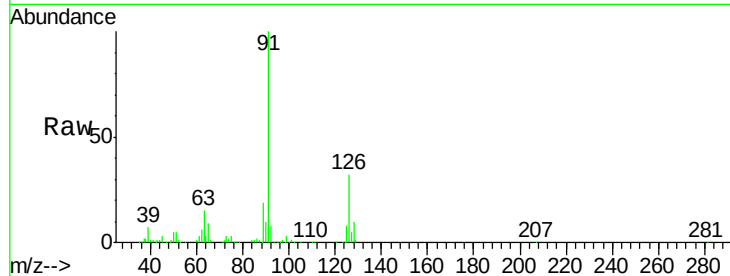




#79
 2-Chlorotoluene
 Concen: 19.196 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

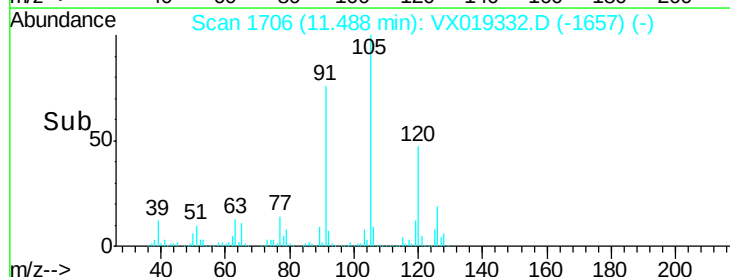
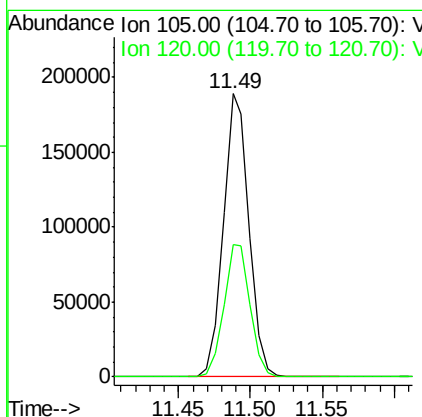
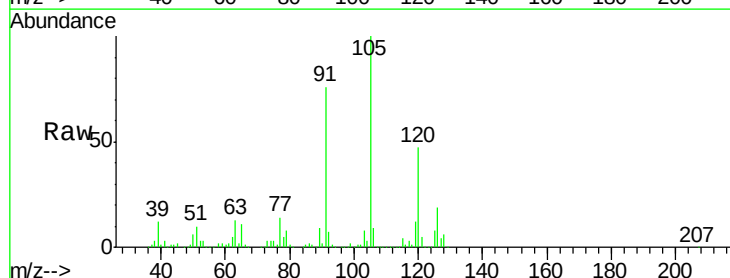
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

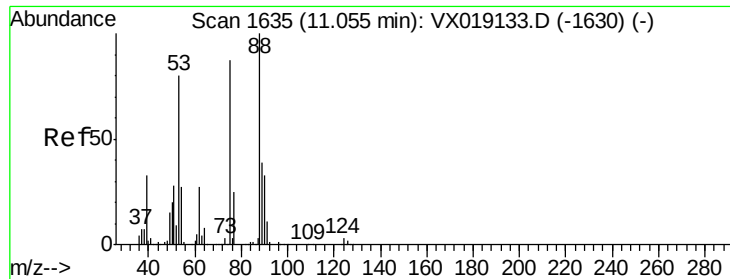
Tot Ion: 91 Resp: 191258
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.776 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 105 Resp: 235147
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.185 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

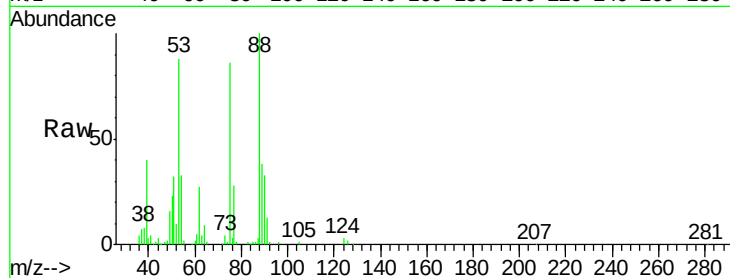
Tot Ion: 75 Resp: 28224

Ion Ratio Lower Upper

75 100

53 99.5 73.3 109.9

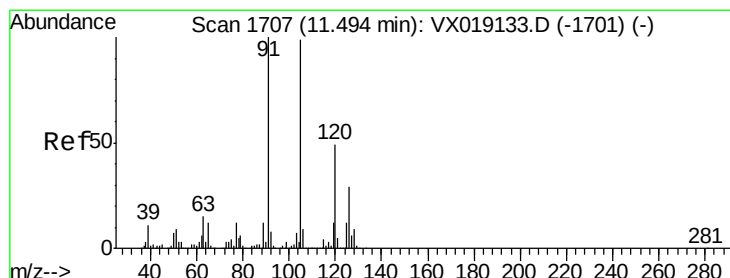
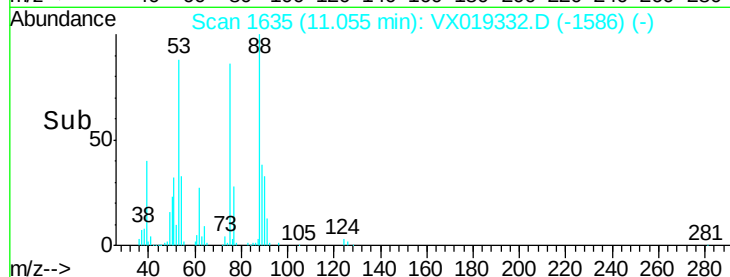
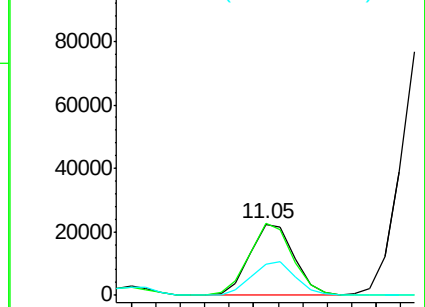
89 47.8 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.994 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019332.D

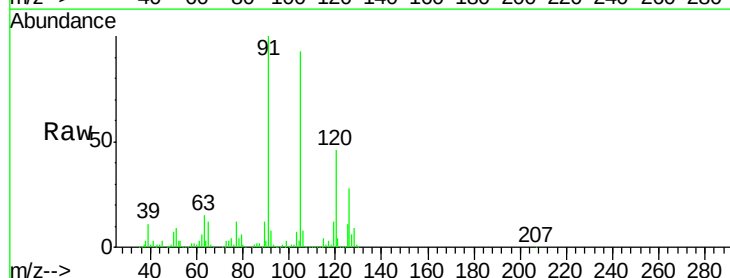
Acq: 06 Nov 2020 11:37

Tgt Ion: 91 Resp: 231098

Ion Ratio Lower Upper

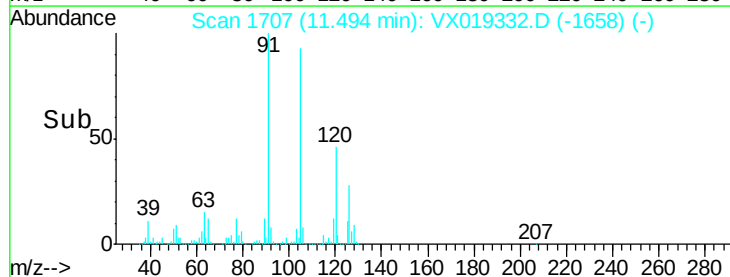
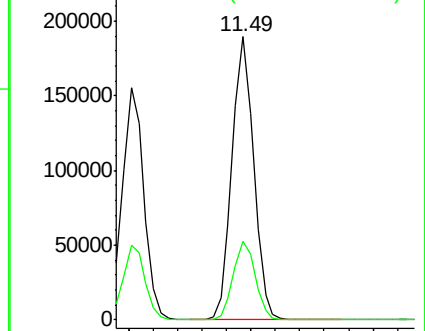
91 100

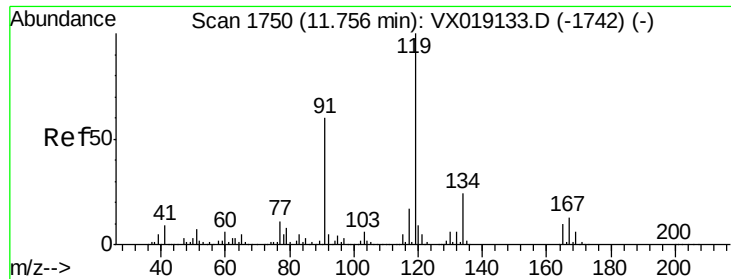
126 28.5 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

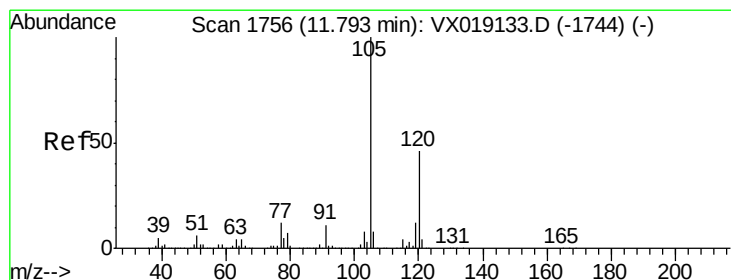
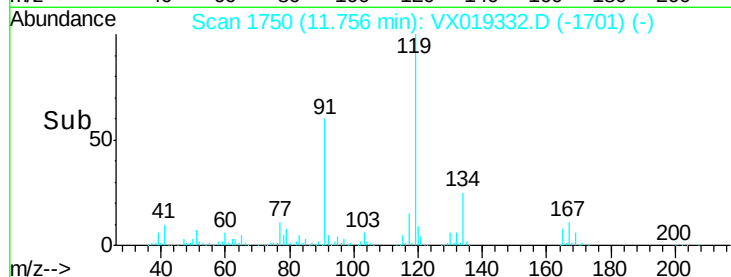
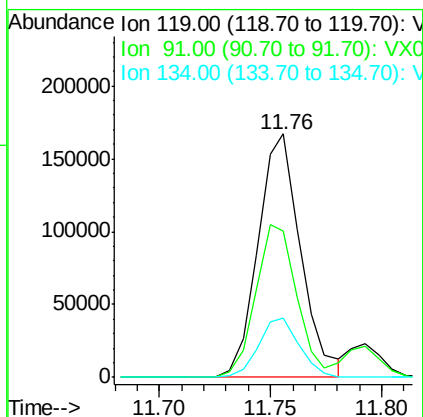
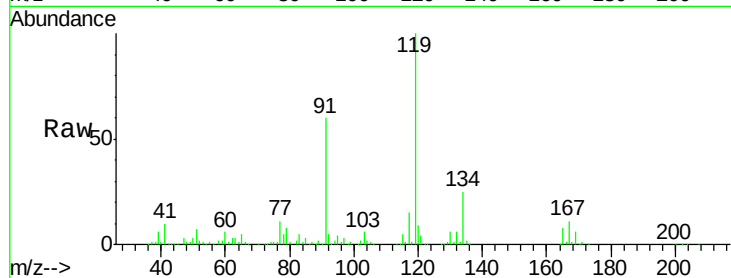




#83
 tert-Butylbenzene
 Concen: 18.538 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

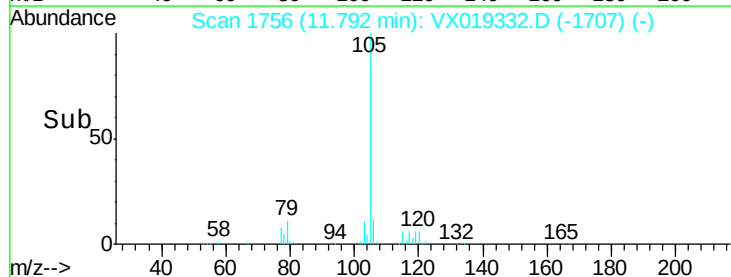
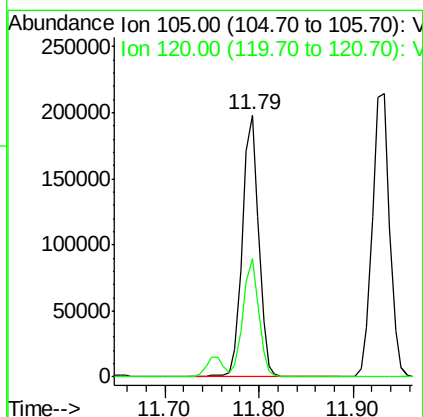
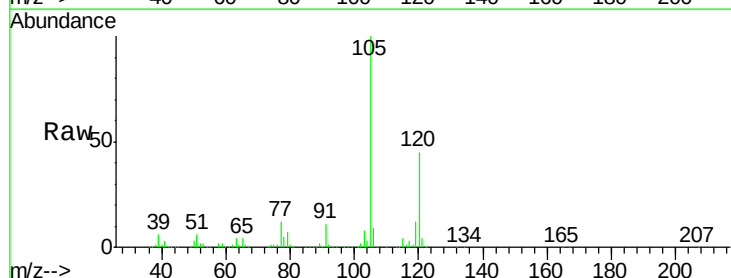
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

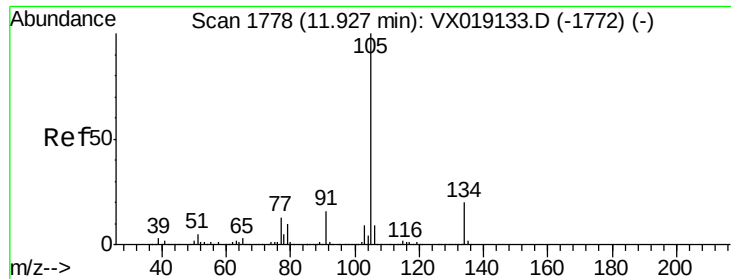
Tot Ion:119 Resp: 222303
 Ion Ratio Lower Upper
 119 100
 91 60.4 29.0 87.1
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.981 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion:105 Resp: 239991
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.053 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

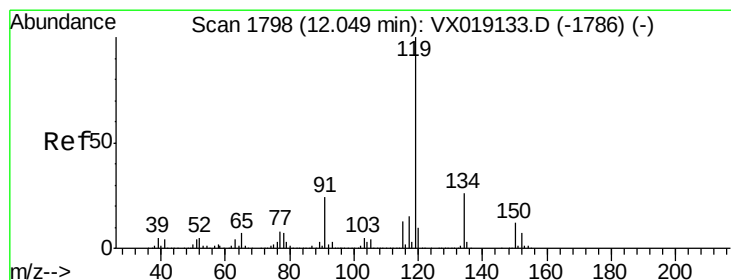
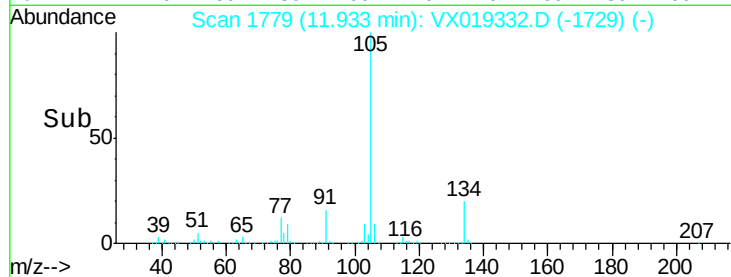
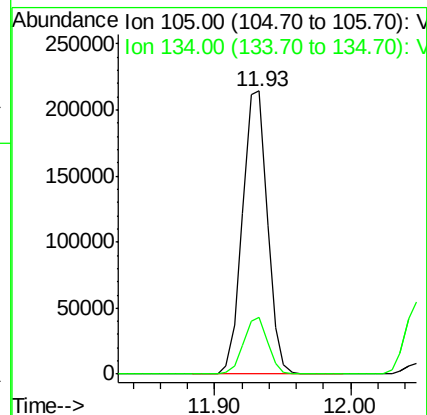
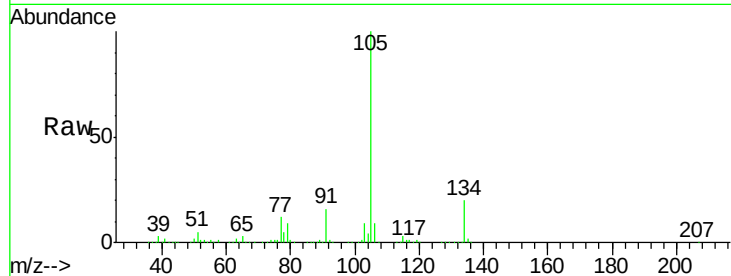
VX1107WBSD01

Tot Ion:105 Resp: 274026

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.204 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

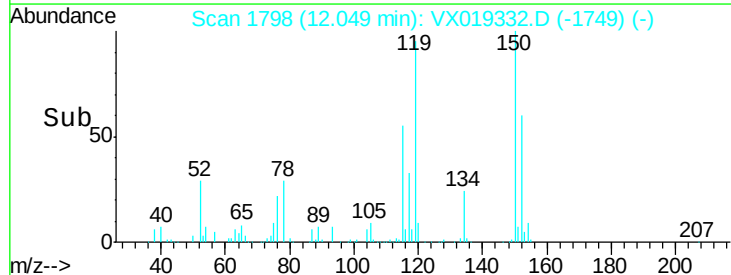
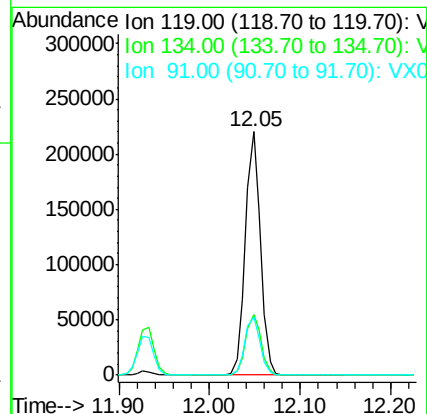
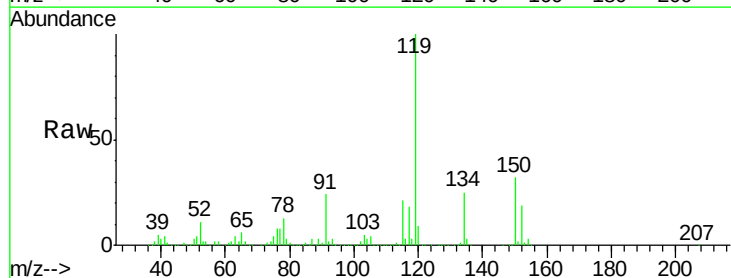
Tgt Ion:119 Resp: 254928

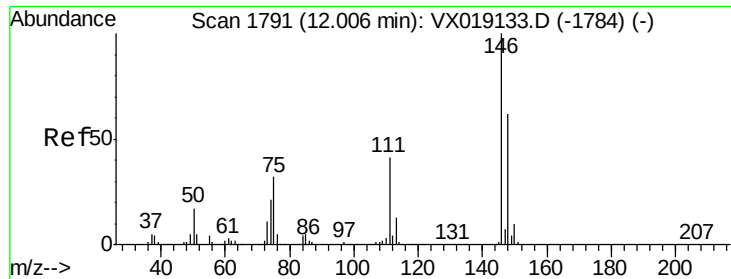
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.5 12.0 36.0

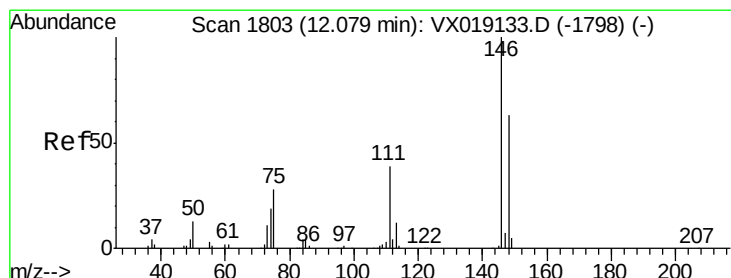
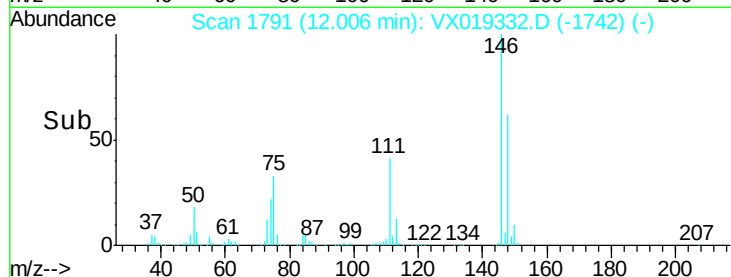
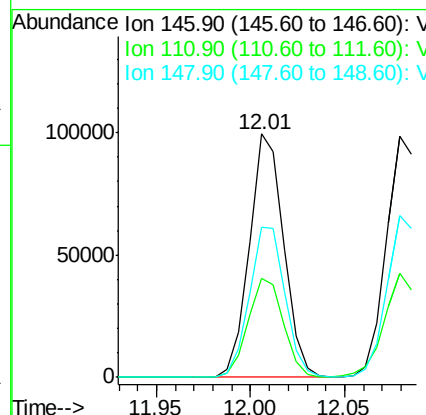
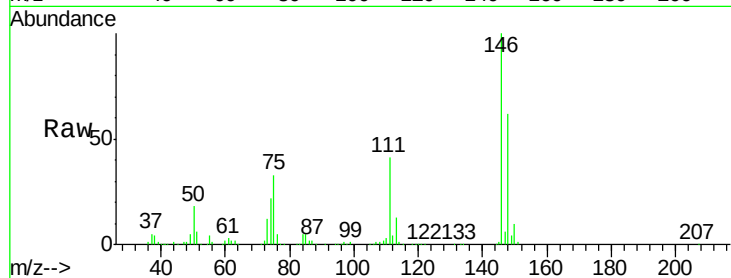




#87
 1,3-Dichlorobenzene
 Concen: 18.345 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

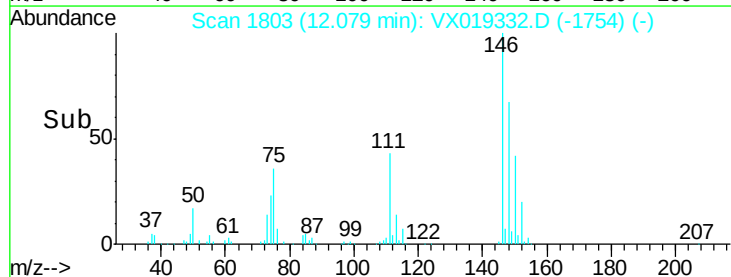
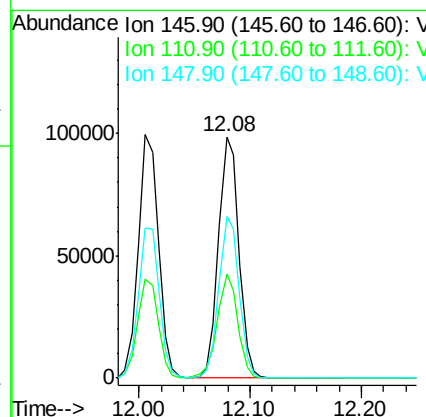
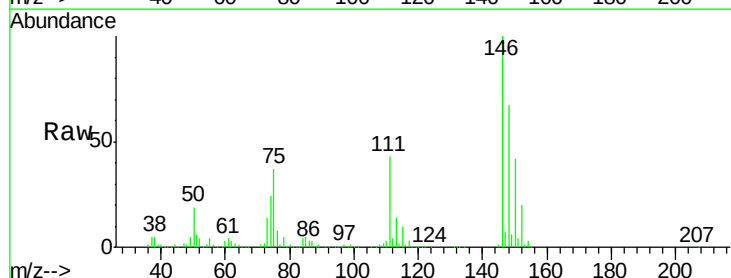
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

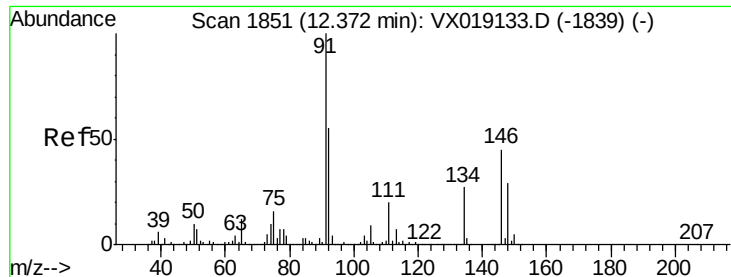
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	64.1	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 17.603 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.2	60.5
148	66.5	31.3	93.8





#89

n-Butylbenzene

Concen: 18.726 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

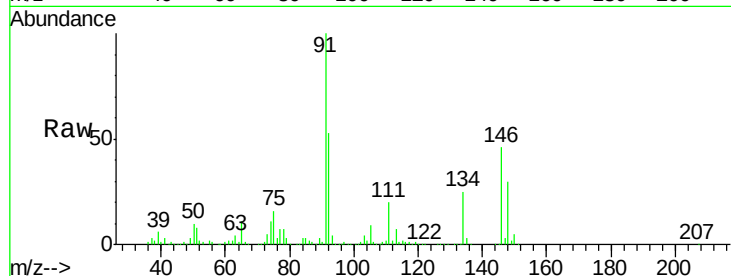
Tot Ion: 91 Resp: 233670

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.4

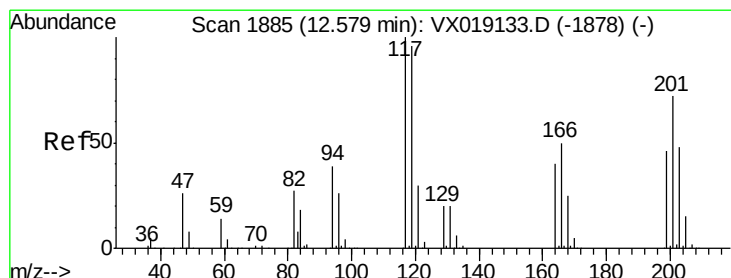
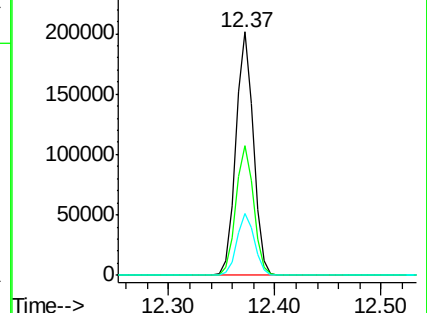
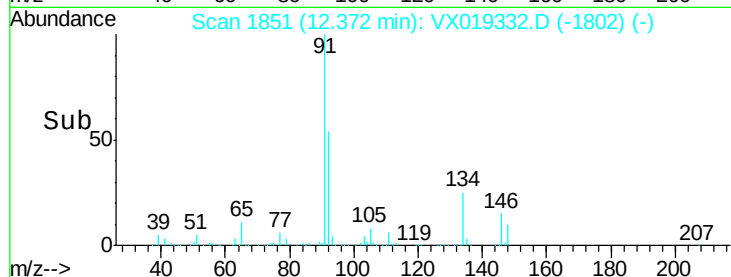
134 25.3 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.040 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019332.D

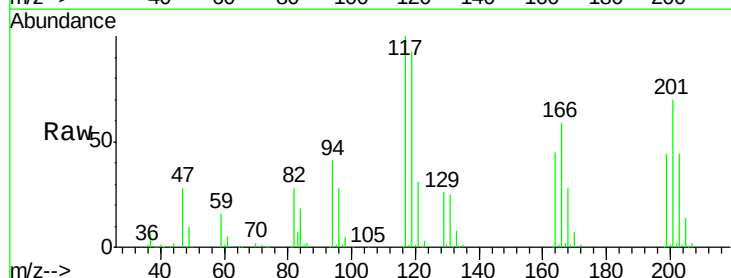
Acq: 06 Nov 2020 11:37

Tgt Ion: 117 Resp: 40706

Ion Ratio Lower Upper

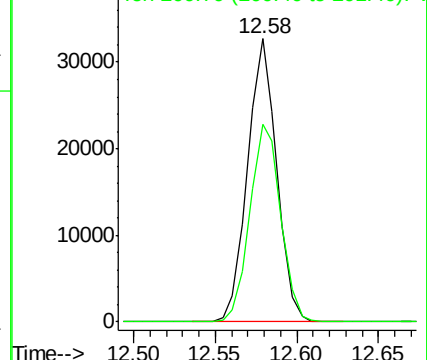
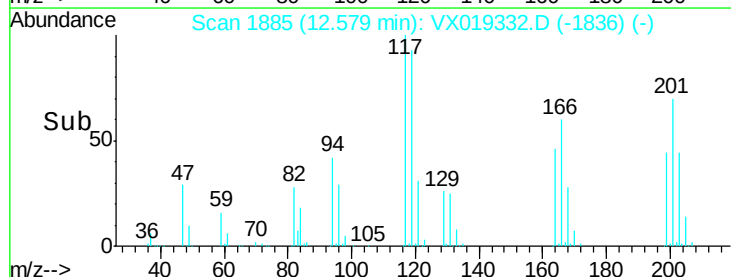
117 100

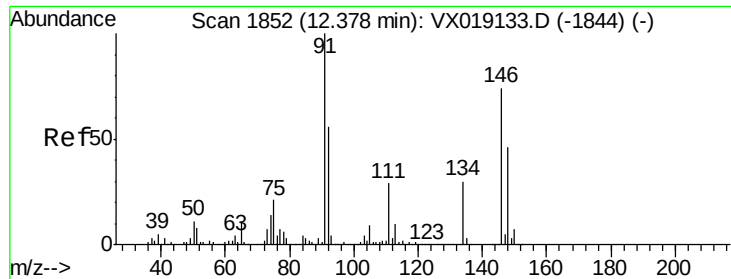
201 74.0 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

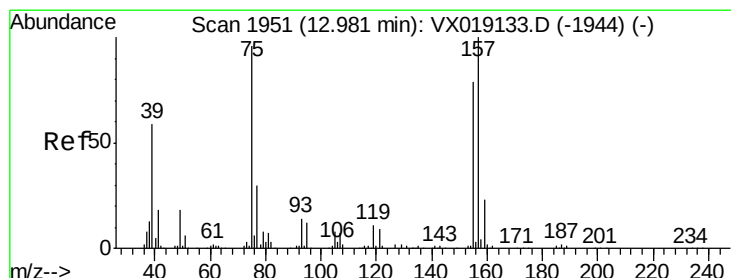
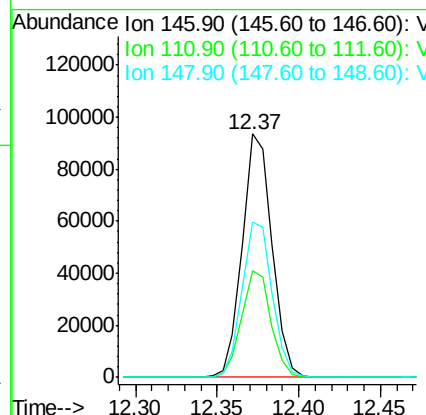
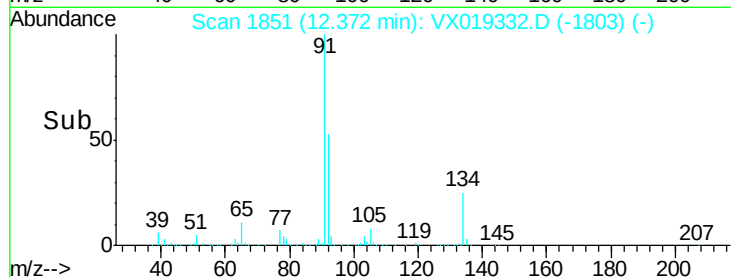
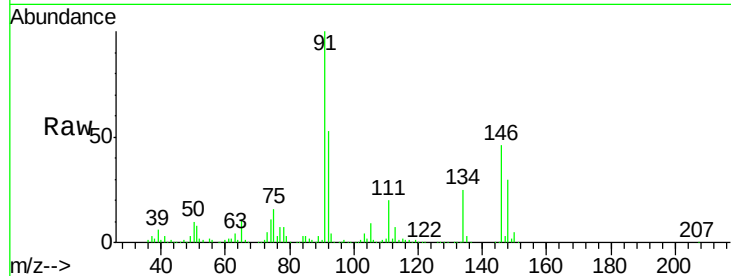




#91
 1,2-Dichlorobenzene
 Concen: 18.113 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

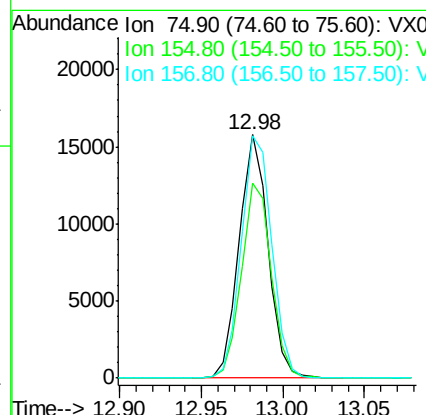
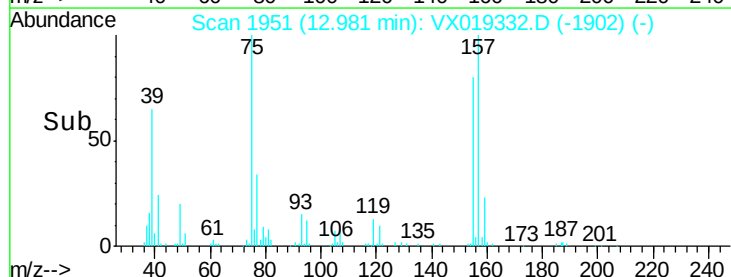
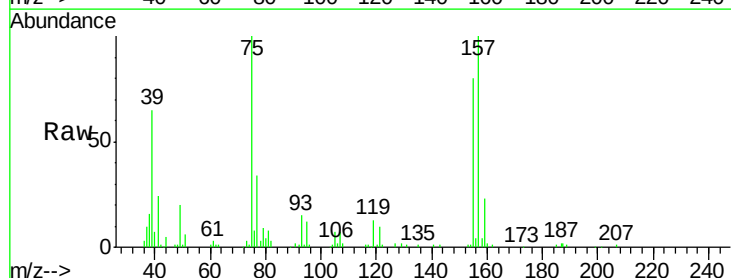
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

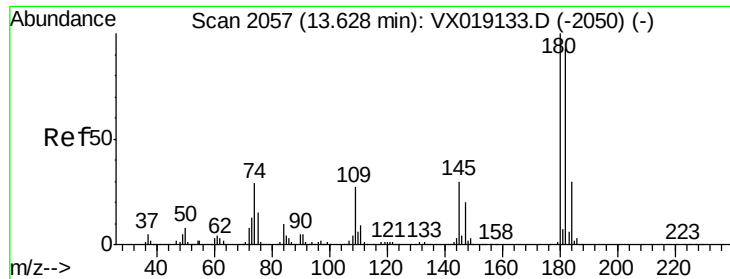
Tot Ion:146 Resp: 119173
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 65.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 19489
 Ion Ratio Lower Upper
 75 100
 155 82.4 42.8 128.4
 157 105.1 54.8 164.4

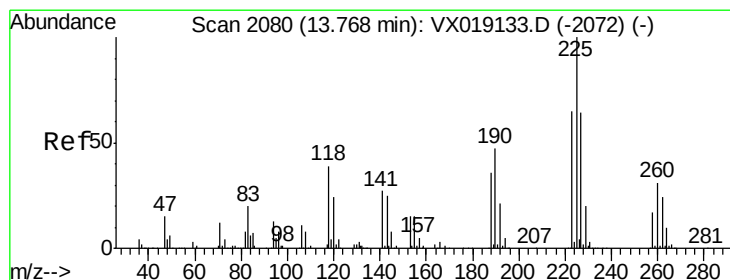
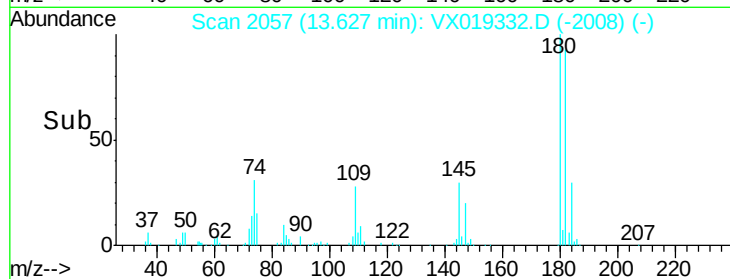
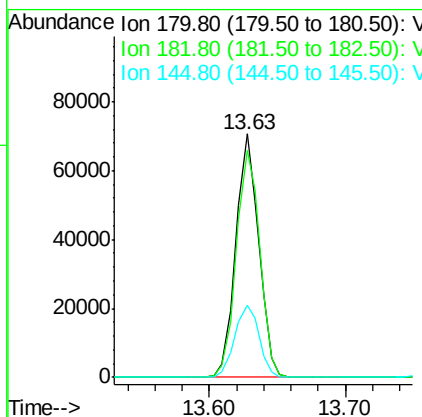
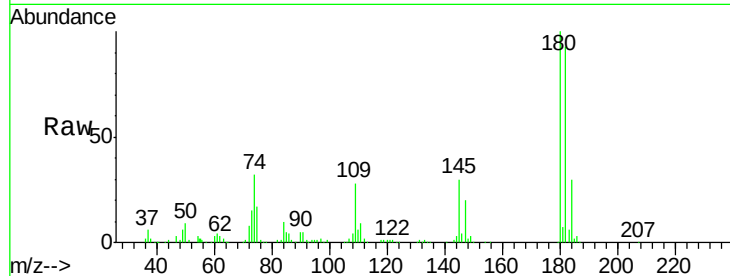




#93
 1,2,4-Trichlorobenzene
 Concen: 16.745 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

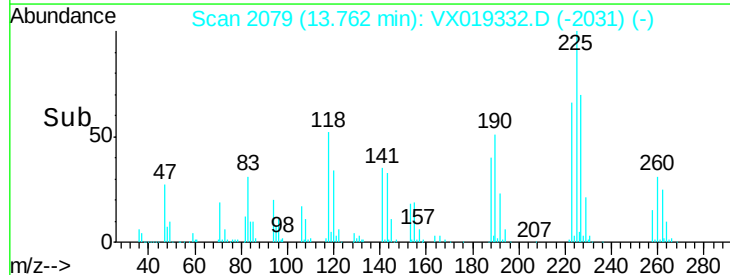
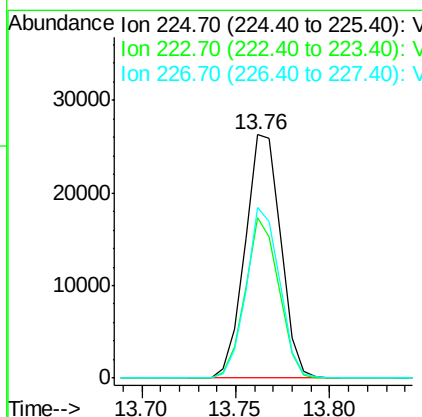
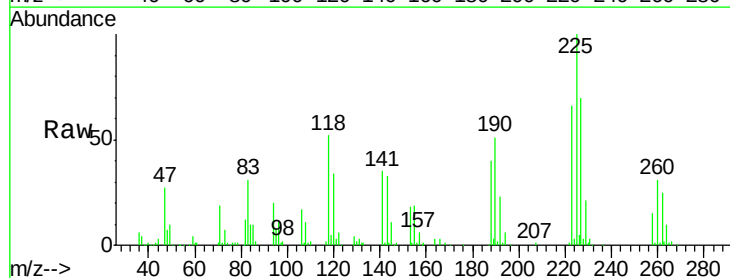
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

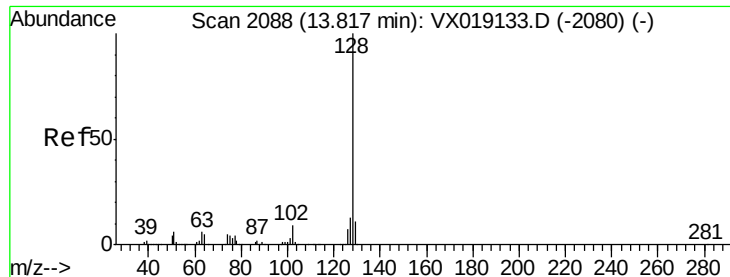
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	31.6	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 15.820 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019332.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.4	97.2
227	65.8	31.6	94.7





#95

Naphthalene

Concen: 17.440 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

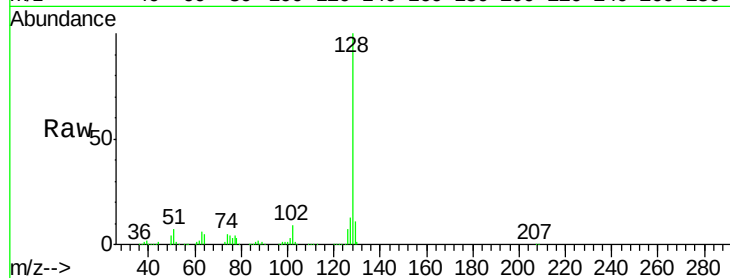
Tot Ion:128 Resp: 271455

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

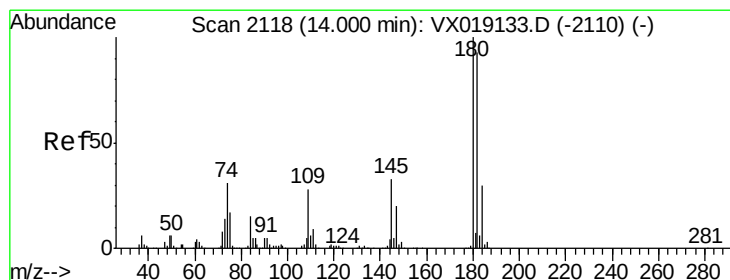
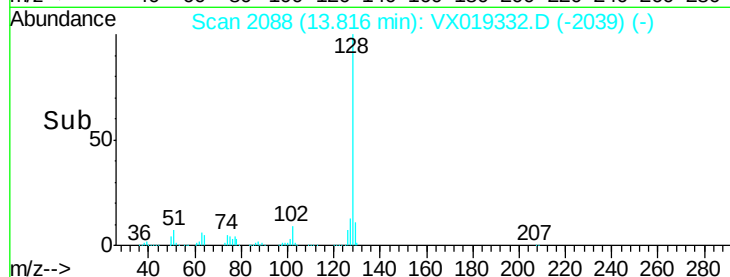
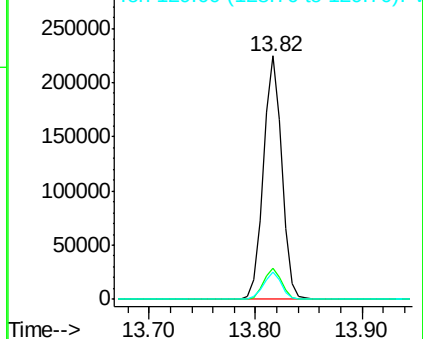
129 10.9 8.6 13.0



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: 16.824 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019332.D

Acq: 06 Nov 2020 11:37

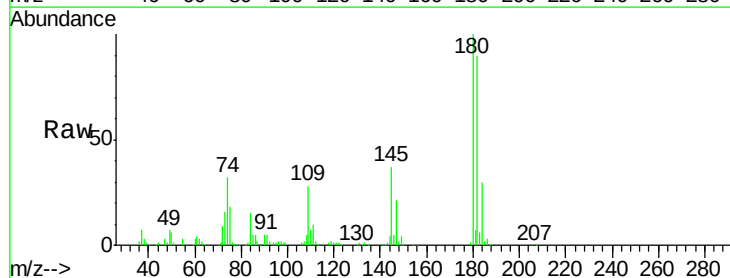
Tgt Ion:180 Resp: 80661

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.3

145 35.1 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

