

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019928.D
 Acq On : 12 Dec 2020 13:35
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 14 05:28:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	282865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	452635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201817	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.02	65	174943	47.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.12%	
35) Dibromofluoromethane		5.46	113	141169	48.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.52%	
50) Toluene-d8		8.70	98	550163	49.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.52%	
62) 4-Bromofluorobenzene		11.12	95	203454	47.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46372	17.906	ug/l	99
3) Chloromethane	1.31	50	52359	17.191	ug/l	98
4) Vinyl Chloride	1.39	62	58860	18.328	ug/l	99
5) Bromomethane	1.62	94	36118	33.872	ug/l	100
6) Chloroethane	1.71	64	38572	19.994	ug/l	99
7) Trichlorofluoromethane	1.92	101	83517	18.674	ug/l	99
8) Diethyl Ether	2.17	74	35794	18.886	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49763	19.412	ug/l	99
10) Methyl Iodide	2.49	142	55840	14.778	ug/l	100
11) Tert butyl alcohol	3.01	59	70741	90.894	ug/l	99
12) 1,1-Dichloroethene	2.35	96	47117	18.180	ug/l	96
13) Acrolein	2.27	56	27280	66.478	ug/l	99
14) Allyl chloride	2.70	41	80998	18.505	ug/l	97
15) Acrylonitrile	3.11	53	165366	98.393	ug/l	99
16) Acetone	2.42	43	145561	104.167	ug/l	100
17) Carbon Disulfide	2.55	76	117428	15.791	ug/l	99
18) Methyl Acetate	2.74	43	72334	21.153	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	182041	19.287	ug/l	100
20) Methylene Chloride	2.83	84	62605	18.735	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	56244	18.615	ug/l	98
22) Diisopropyl ether	3.82	45	177868	20.099	ug/l	96
23) Vinyl Acetate	3.78	43	733626	97.303	ug/l	100
24) 1,1-Dichloroethane	3.67	63	103483	19.391	ug/l	100
25) 2-Butanone	4.63	43	215847	100.524	ug/l	100
26) 2,2-Dichloropropane	4.55	77	84758	18.443	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65941	18.649	ug/l	99
28) Bromochloromethane	4.98	49	48411	19.029	ug/l	98
29) Tetrahydrofuran	5.08	42	134763	97.413	ug/l	98
30) Chloroform	5.17	83	107242	19.543	ug/l	99
31) Cyclohexane	5.54	56	86181	18.636	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	89699	18.982	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76142	18.616	ug/l	100
37) Ethyl Acetate	4.79	43	79578	19.270	ug/l	99
38) Carbon Tetrachloride	5.75	117	75899	18.950	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	90052	18.740	ug/l	95
40) Benzene	6.10	78	241655	19.341	ug/l	100
41) Methacrylonitrile	4.99	41	43628	19.241	ug/l	98
42) 1,2-Dichloroethane	6.15	62	84102	19.701	ug/l	100
43) Isopropyl Acetate	6.41	43	127489	18.988	ug/l	100
44) Trichloroethene	7.18	130	62184	18.969	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61820	19.797	ug/l	97
46) Dibromomethane	7.63	93	40738	19.318	ug/l	98
47) Bromodichloromethane	7.87	83	79989	19.116	ug/l	99
48) Methyl methacrylate	7.74	41	62330	18.876	ug/l	99
49) 1,4-Dioxane	7.71	88	30019	375.280	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	408751	99.716	ug/l	100
52) Toluene	8.76	92	150374	19.243	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	85561	18.426	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	94874	18.807	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62408	19.818	ug/l	99
56) Ethyl methacrylate	9.16	69	90195	18.931	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106025	19.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	248465	98.440	ug/l	99
59) 2-Hexanone	9.47	43	313233	98.582	ug/l	98
60) Dibromochloromethane	9.56	129	61194	19.126	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64947	19.422	ug/l	99
64) Tetrachloroethene	9.32	164	58302	20.744	ug/l	98
65) Chlorobenzene	10.12	112	158163	18.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	58070	19.323	ug/l	99
67) Ethyl Benzene	10.23	91	282874	19.086	ug/l	98
68) m/p-Xylenes	10.34	106	210942	37.771	ug/l	98
69) o-Xylene	10.68	106	100531	18.713	ug/l	98
70) Styrene	10.69	104	169897	18.737	ug/l	99
71) Bromoform	10.84	173	42823	18.114	ug/l #	100
73) Isopropylbenzene	11.00	105	278383	20.190	ug/l	99
74) N-amyl acetate	10.88	43	102456	18.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97586	20.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	108336	23.934	ug/l	89
77) Bromobenzene	11.24	156	69563	19.715	ug/l	99
78) n-propylbenzene	11.34	91	318481	20.224	ug/l	99
79) 2-Chlorotoluene	11.40	91	192606	19.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	233084	20.030	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27792	17.750	ug/l	94
82) 4-Chlorotoluene	11.49	91	225544	19.858	ug/l	98
83) tert-Butylbenzene	11.76	119	221254	19.387	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	236275	20.157	ug/l	100
85) sec-Butylbenzene	11.93	105	265731	20.394	ug/l	100
86) p-Isopropyltoluene	12.05	119	241229	20.200	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123913	19.134	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	124778	18.917	ug/l	98
89) n-Butylbenzene	12.37	91	208472	19.704	ug/l	99
90) Hexachloroethane	12.58	117	38879	18.858	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	125182	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19535	18.693	ug/l	97

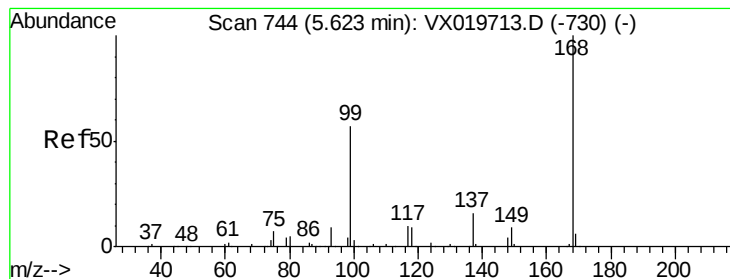
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81165	19.750	ug/l	99
94) Hexachlorobutadiene	13.76	225	36838	20.056	ug/l	99
95) Naphthalene	13.82	128	256966	19.287	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80133	19.952	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. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

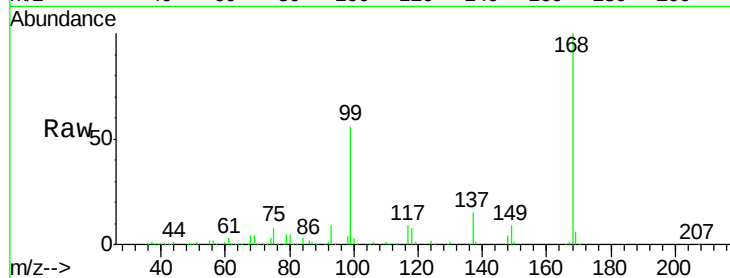
VX1212WBS01

Tgt Ion:168 Resp: 282865

Ion Ratio Lower Upper

168 100

99 56.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

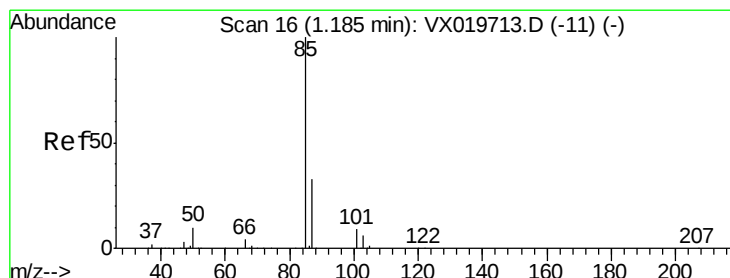
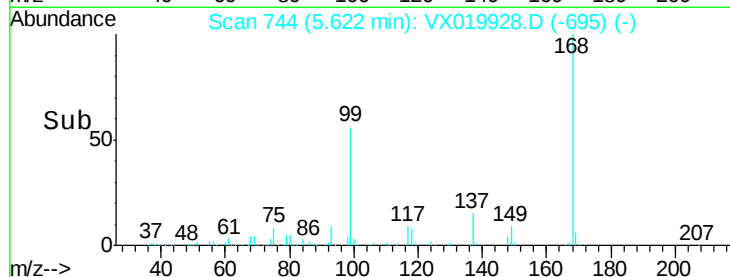
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.906 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019928.D

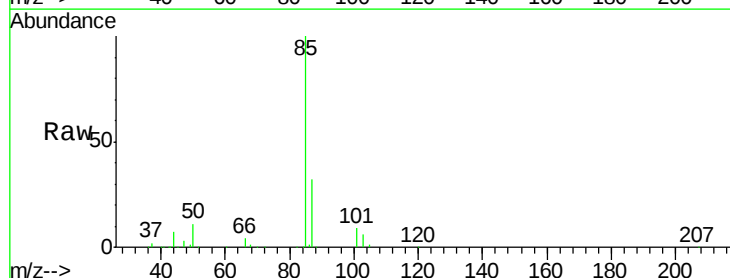
Acq: 12 Dec 2020 13:35

Tgt Ion: 85 Resp: 46372

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

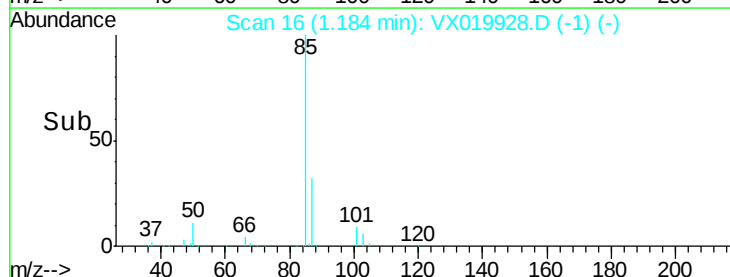
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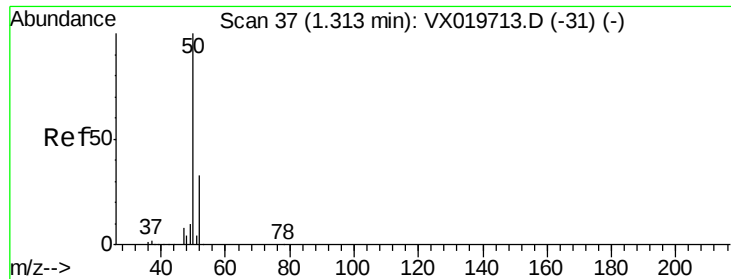
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10000

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Time-->





#3

Chloromethane

Concen: 17.191 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

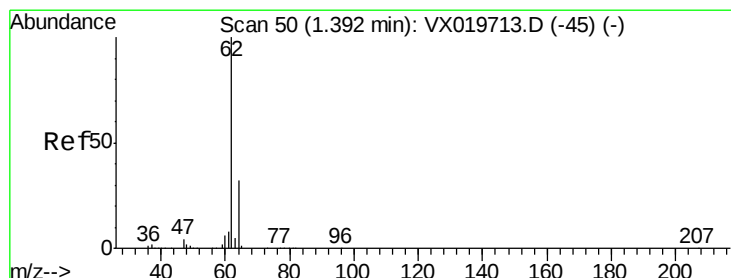
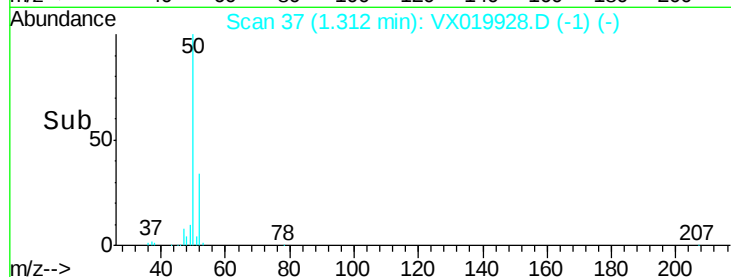
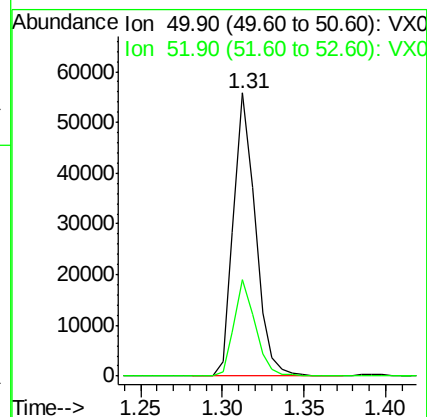
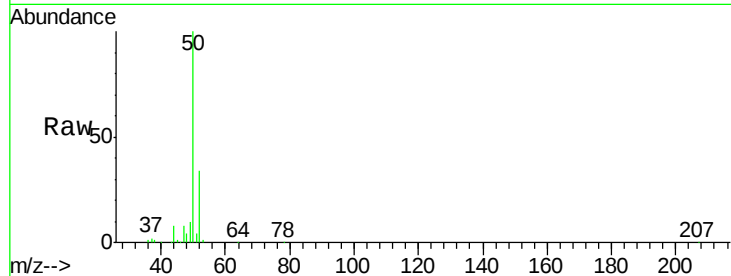
VX1212WBS01

Tgt Ion: 50 Resp: 52359

Ion Ratio Lower Upper

50 100

52 33.9 26.4 39.6



#4

Vinyl Chloride

Concen: 18.328 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019928.D

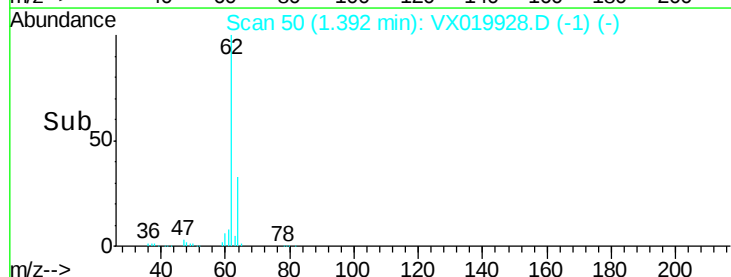
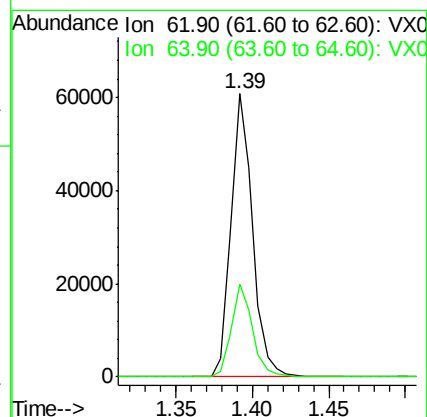
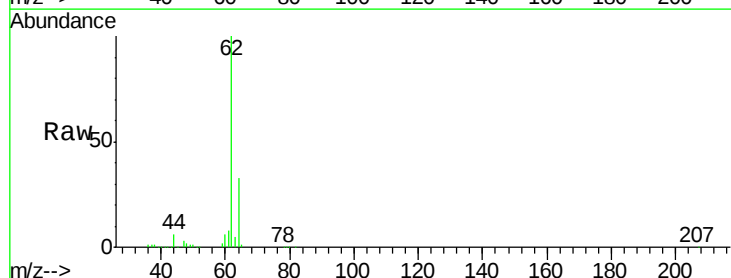
Acq: 12 Dec 2020 13:35

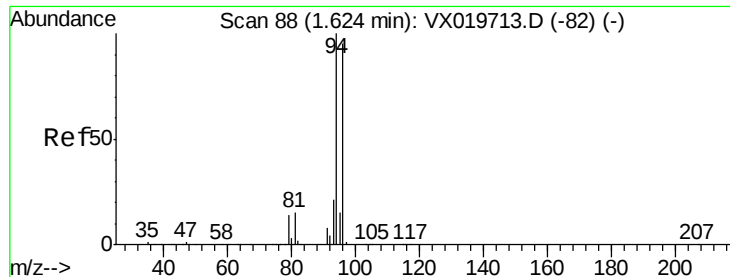
Tgt Ion: 62 Resp: 58860

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 33.872 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

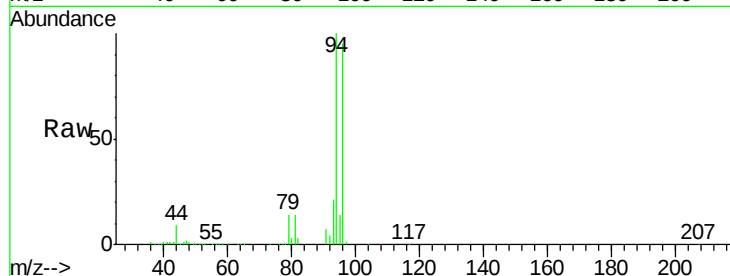
VX1212WBS01

Tgt Ion: 94 Resp: 36118

Ion Ratio Lower Upper

94 100

96 95.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

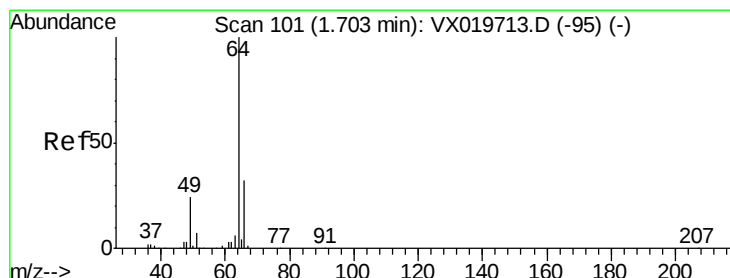
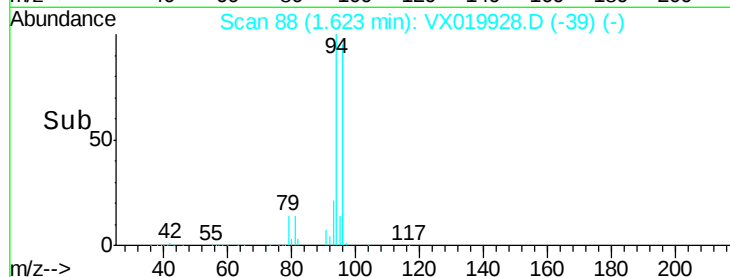
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.994 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019928.D

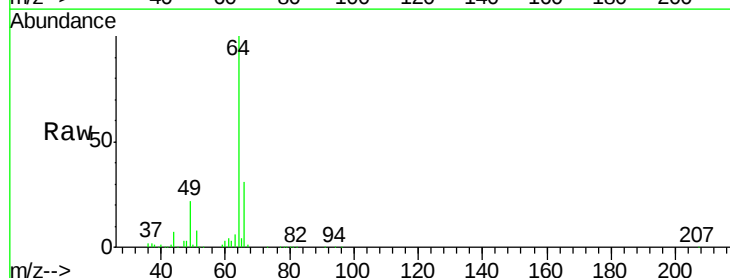
Acq: 12 Dec 2020 13:35

Tgt Ion: 64 Resp: 38572

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

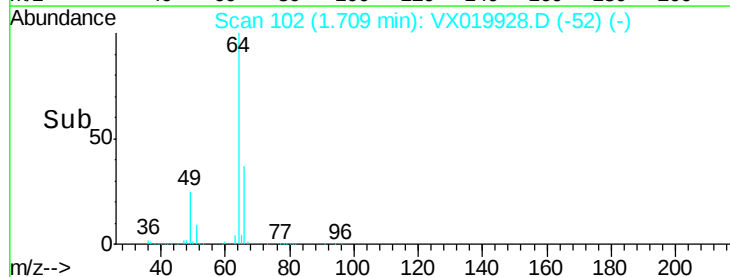
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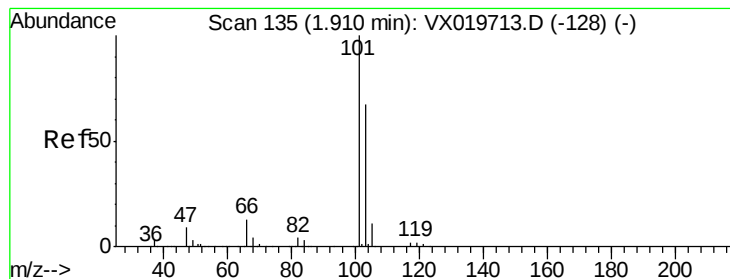
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



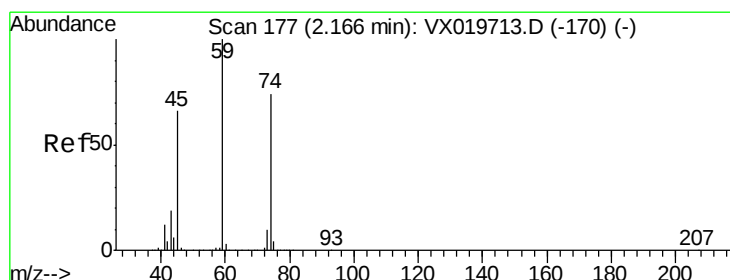
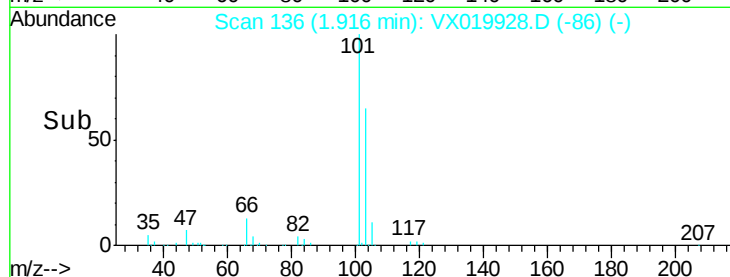
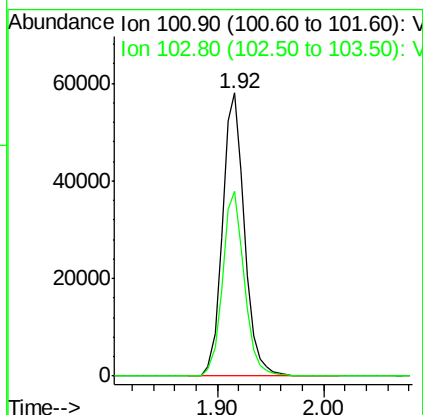
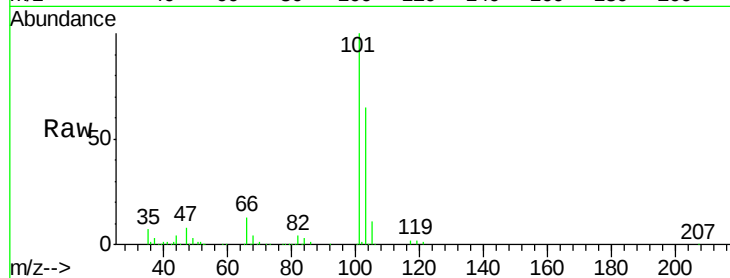


#7

Trichlorofluoromethane
 Concen: 18.674 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

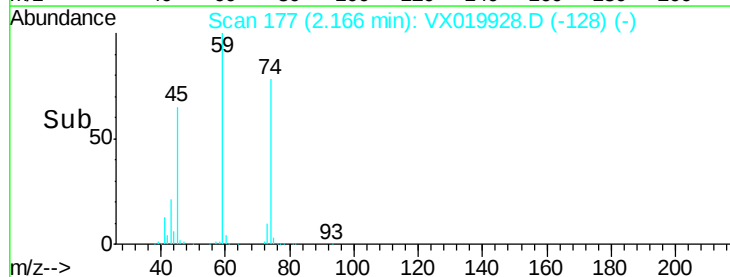
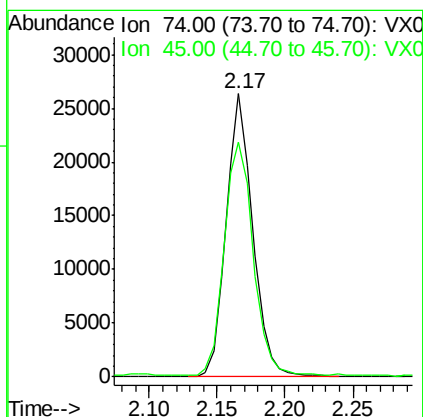
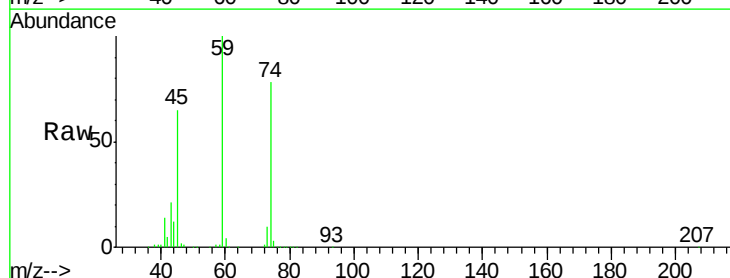
Tgt Ion:101 Resp: 83517
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.2 79.8

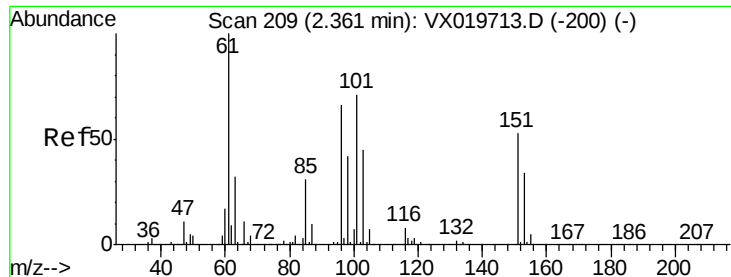


#8

Diethyl Ether
 Concen: 18.886 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 74 Resp: 35794
 Ion Ratio Lower Upper
 74 100
 45 89.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.412 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

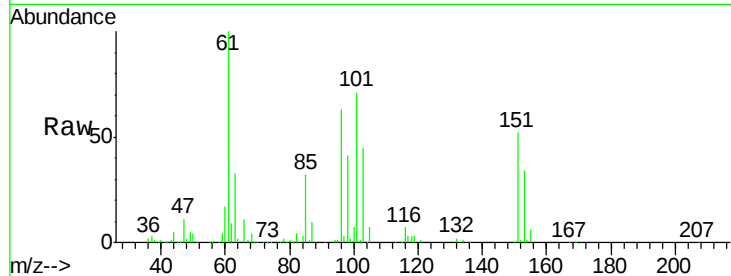
Tgt Ion:101 Resp: 49763

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

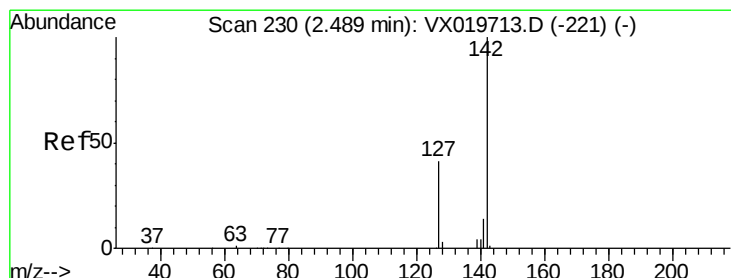
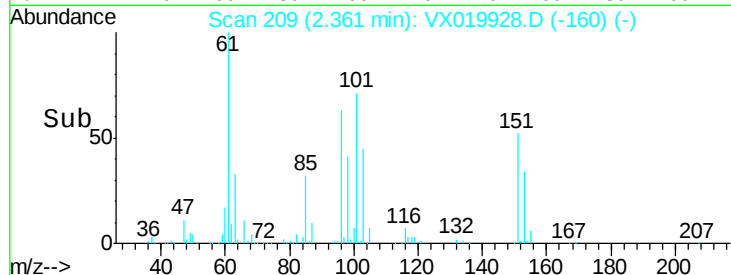
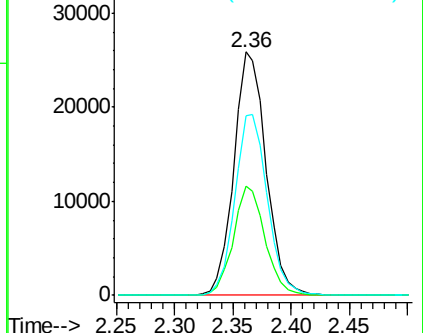
151 75.2 61.4 92.2



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: 14.778 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

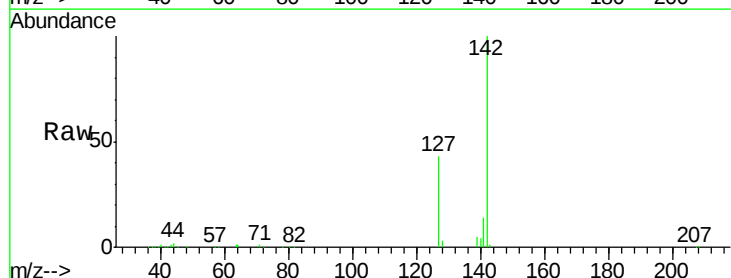
Tgt Ion:142 Resp: 55840

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

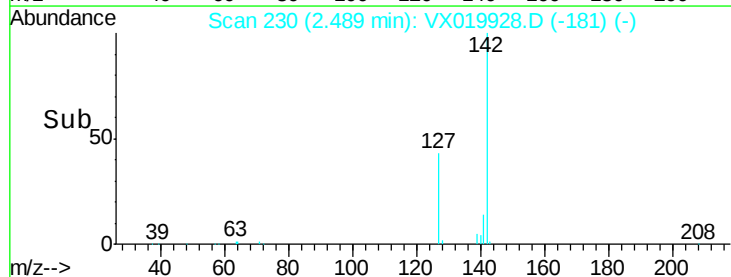
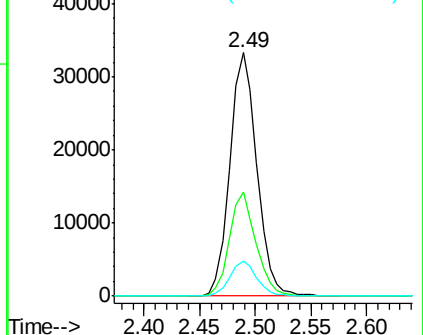
141 14.2 11.4 17.0

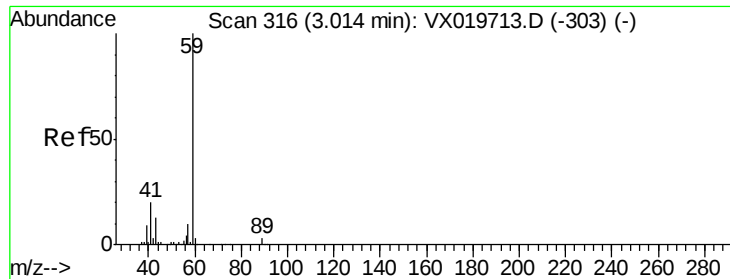


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

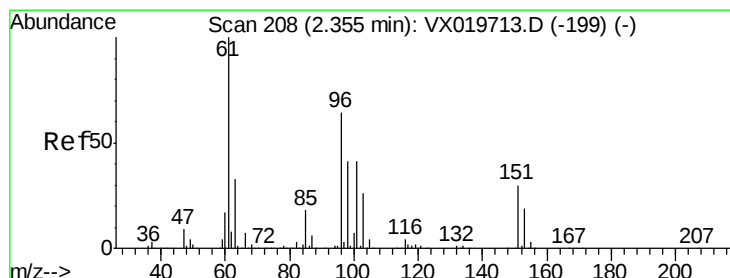
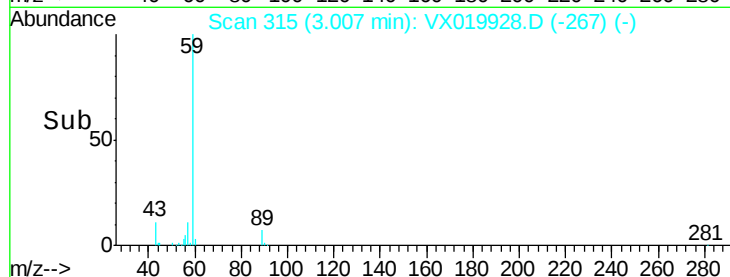
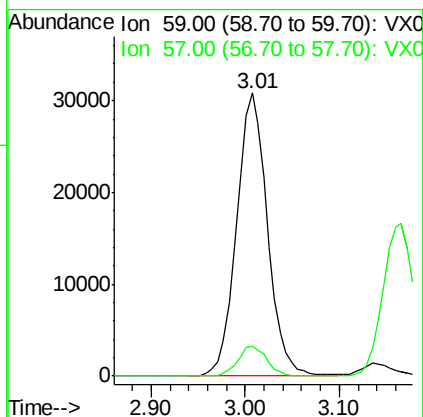
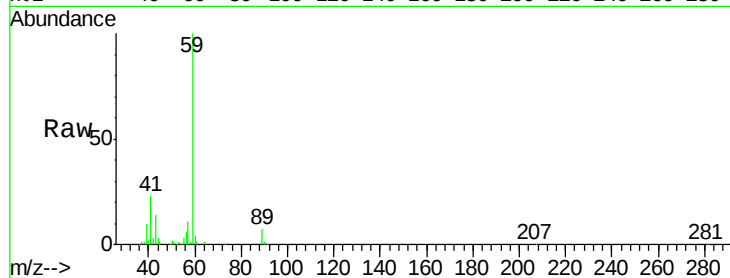




#11
Tert butyl alcohol
Concen: 90.894 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

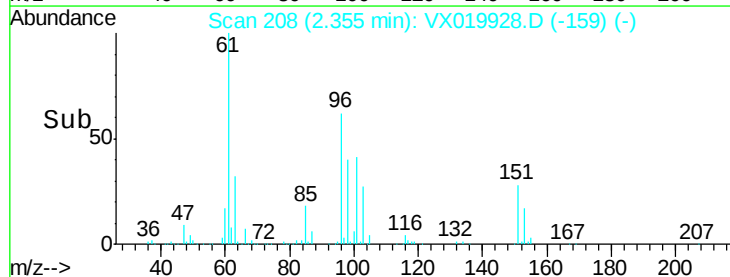
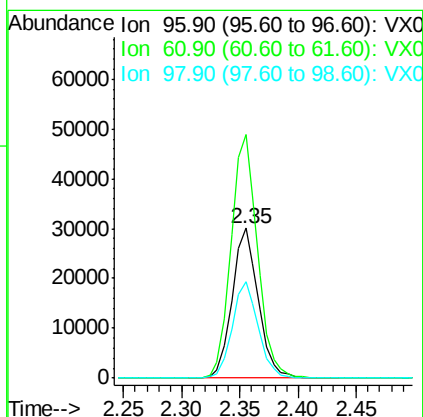
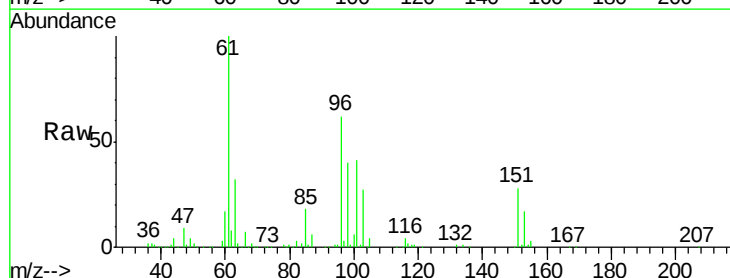
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

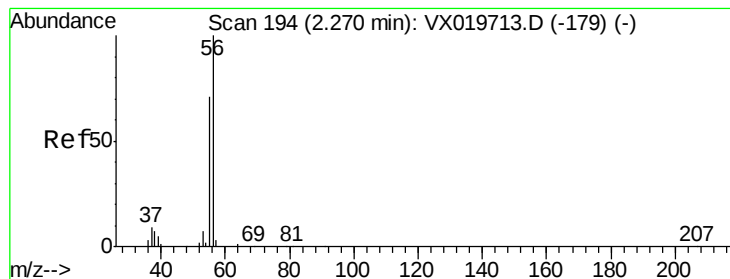
Tgt Ion: 59 Resp: 70741
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.180 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 96 Resp: 47117
Ion Ratio Lower Upper
96 100
61 162.2 124.6 187.0
98 64.2 50.6 76.0





#13

Acrolein

Concen: 66.478 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

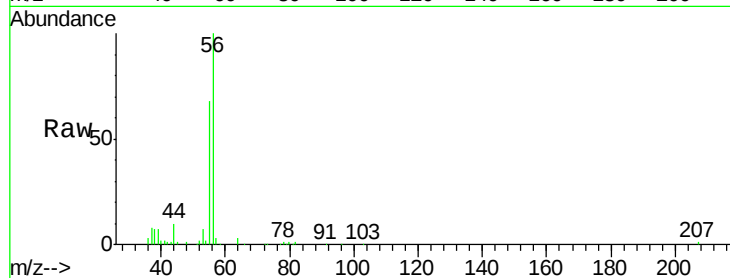
VX1212WBS01

Tgt Ion: 56 Resp: 27280

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

15000

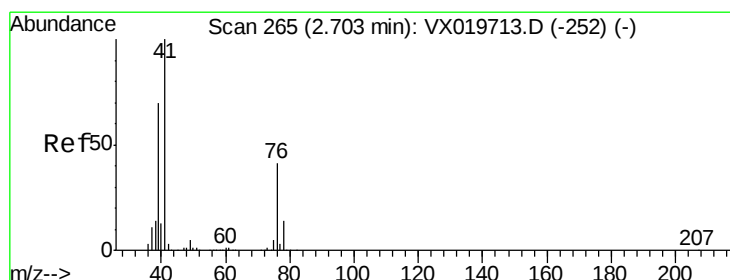
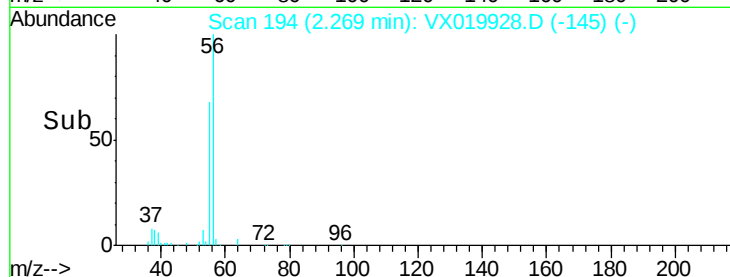
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 18.505 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

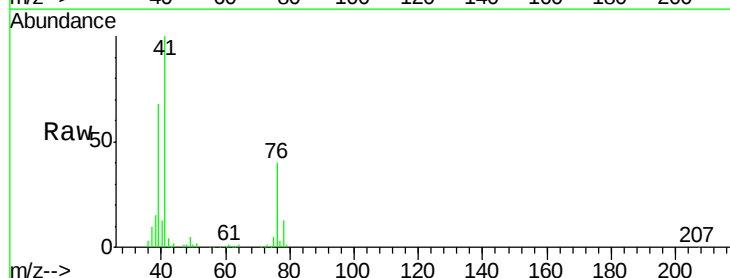
Tgt Ion: 41 Resp: 80998

Ion Ratio Lower Upper

41 100

39 62.2 51.6 77.4

76 36.9 30.5 45.7



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

50000

40000

30000

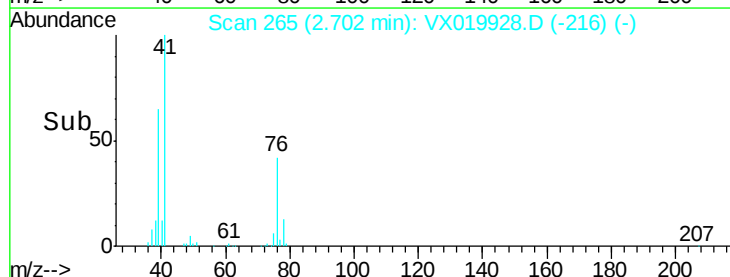
20000

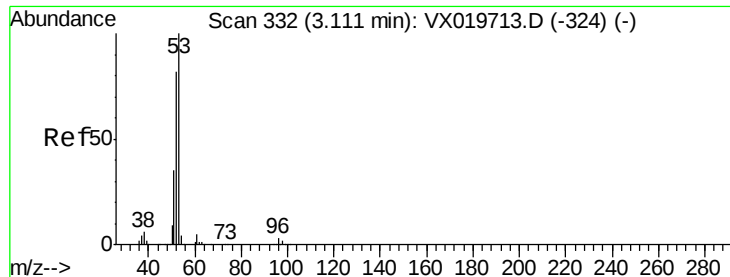
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.393 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

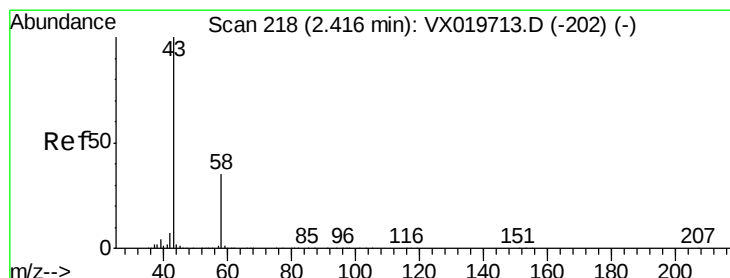
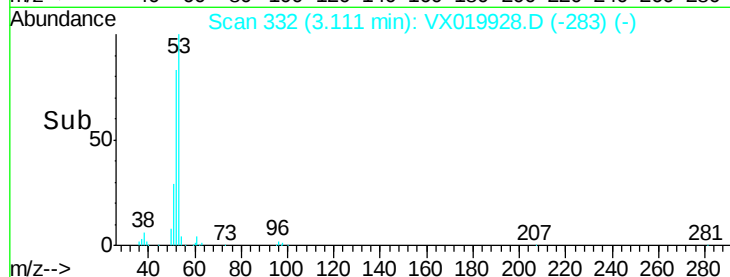
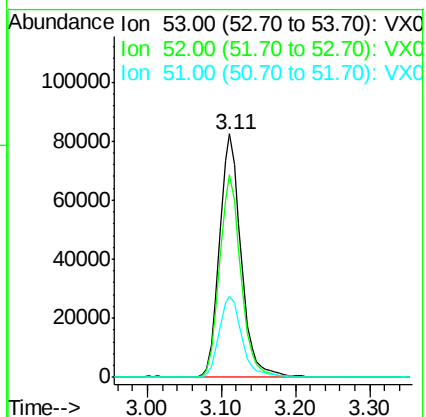
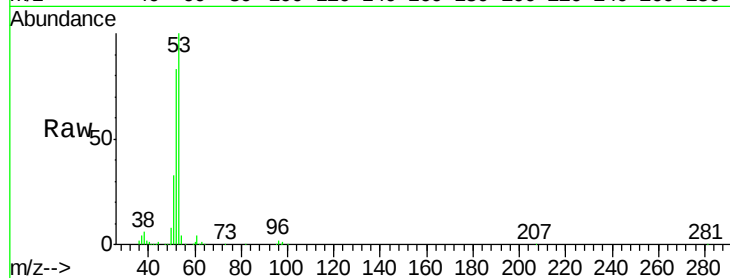
Tgt Ion: 53 Resp: 165366

Ion Ratio Lower Upper

53 100

52 82.4 65.3 97.9

51 35.4 28.2 42.2



#16

Acetone

Concen: 104.167 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019928.D

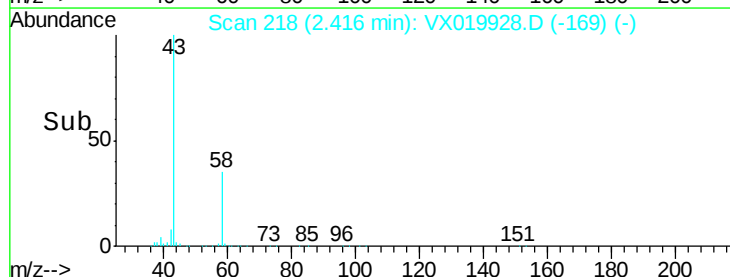
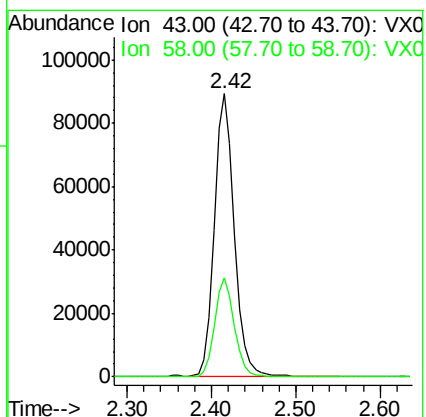
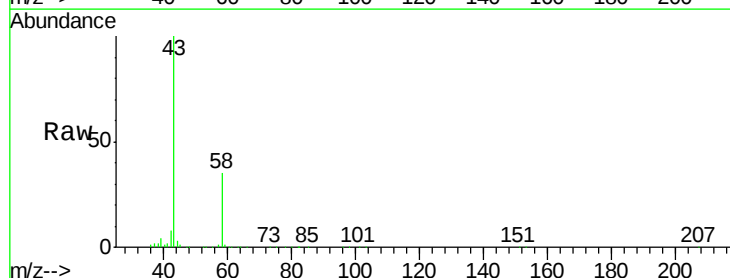
Acq: 12 Dec 2020 13:35

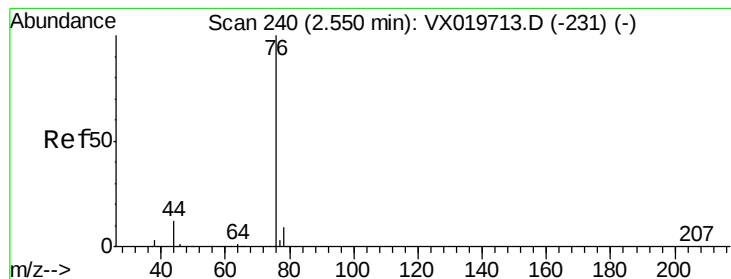
Tgt Ion: 43 Resp: 145561

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8





#17

Carbon Disulfide

Concen: 15.791 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

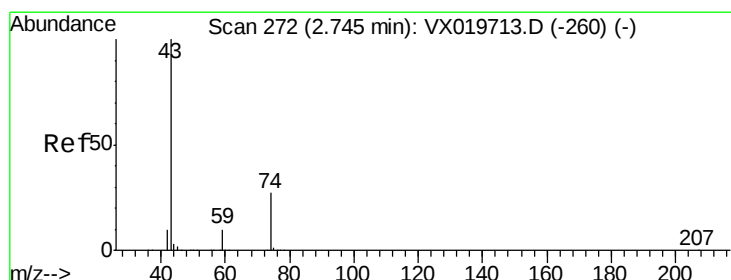
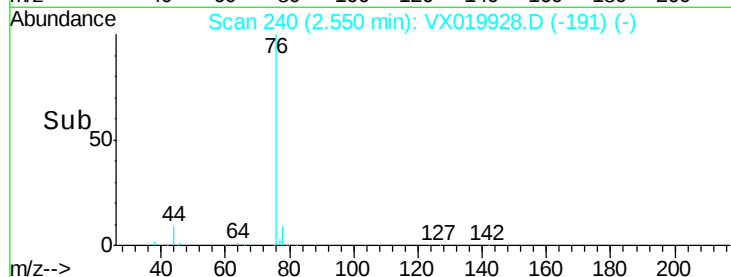
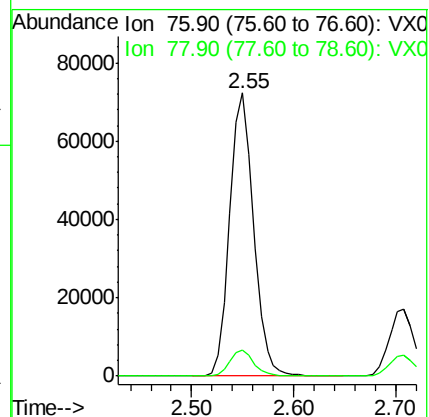
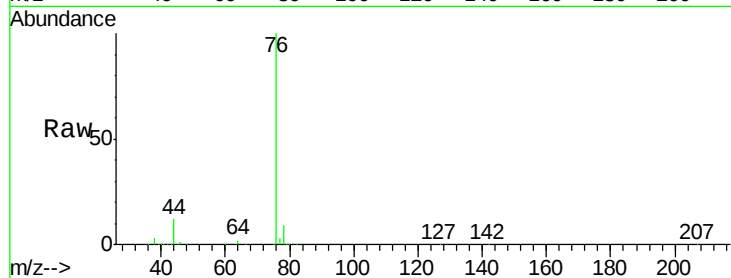
VX1212WBS01

Tgt Ion: 76 Resp: 117428

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 21.153 ug/l

RT: 2.74 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019928.D

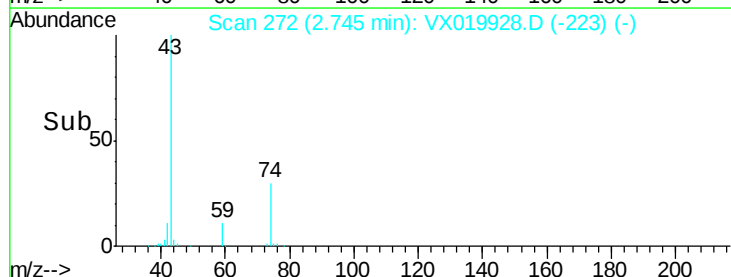
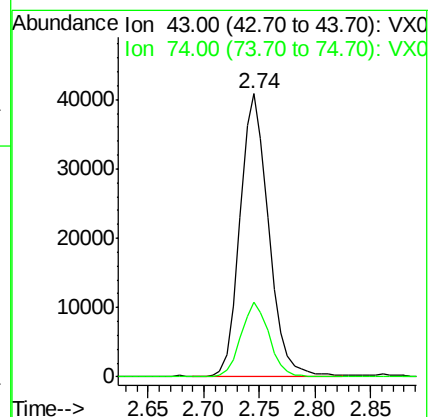
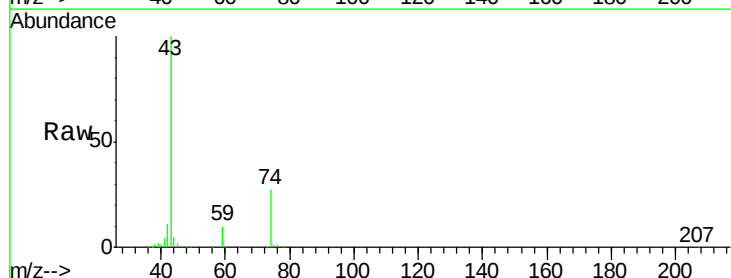
Acq: 12 Dec 2020 13:35

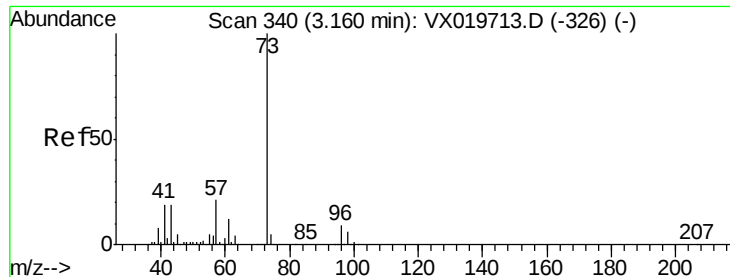
Tgt Ion: 43 Resp: 72334

Ion Ratio Lower Upper

43 100

74 26.6 21.9 32.9



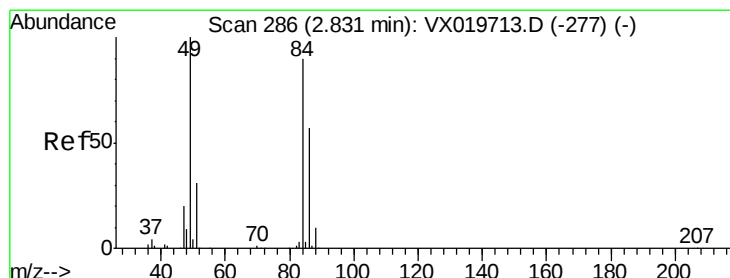
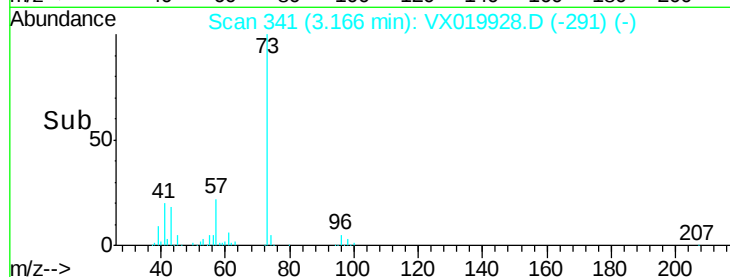
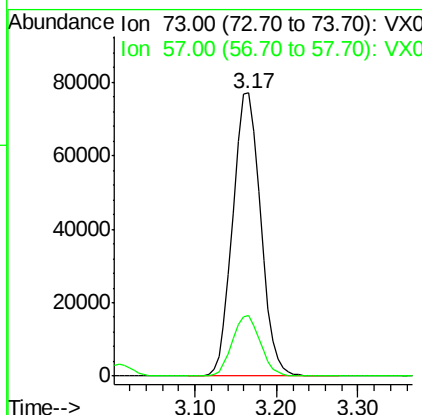
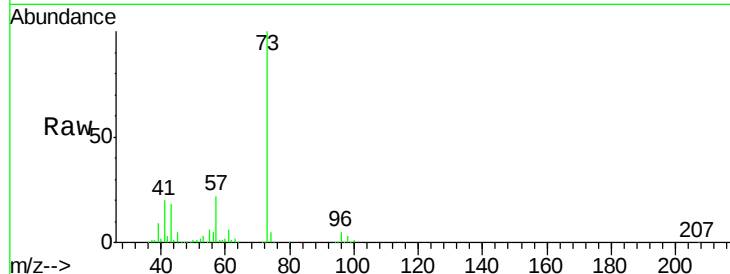


#19

Methyl tert-butyl Ether
 Concen: 19.287 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

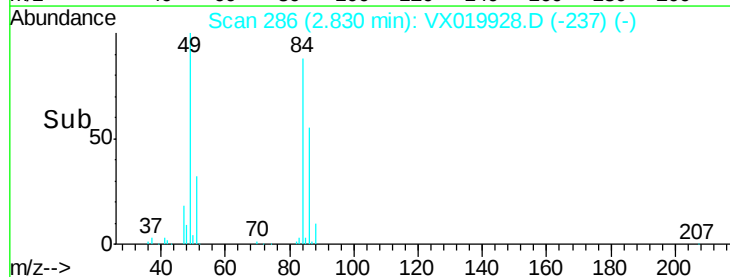
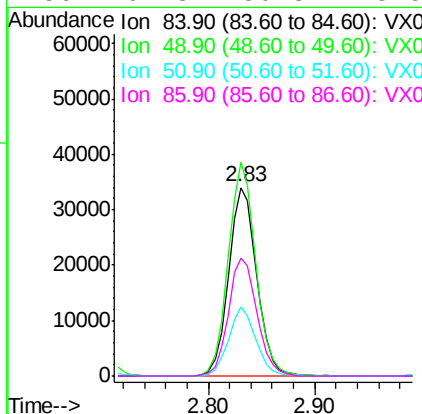
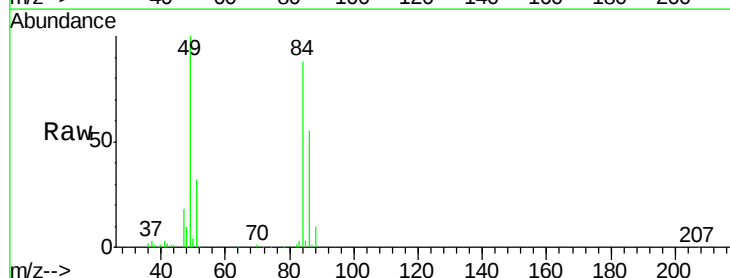
Tgt Ion: 73 Resp: 182041
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.1 25.7

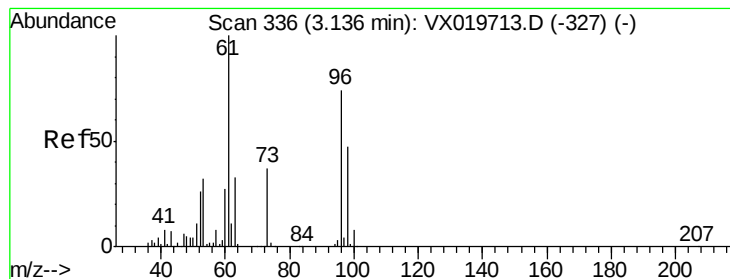


#20

Methylene Chloride
 Concen: 18.735 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 84 Resp: 62605
 Ion Ratio Lower Upper
 84 100
 49 113.3 88.6 132.8
 51 36.4 27.0 40.6
 86 62.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.615 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

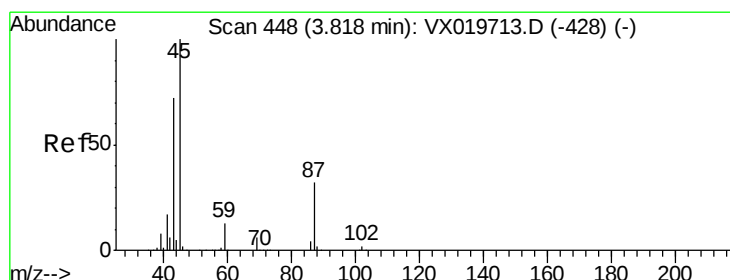
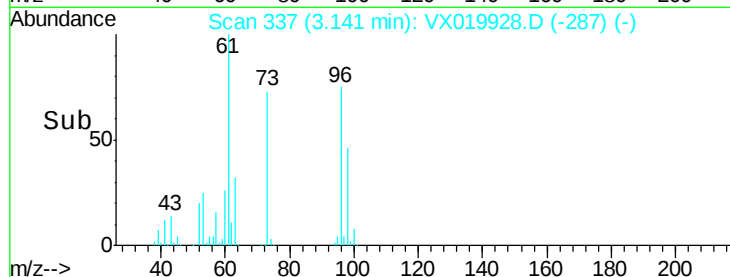
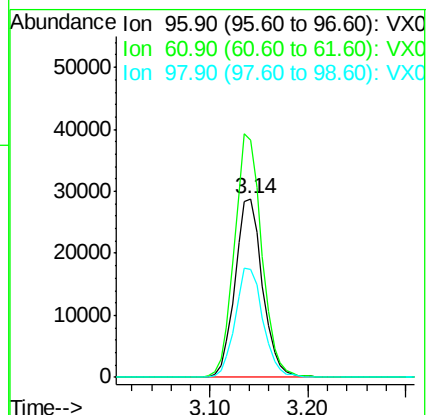
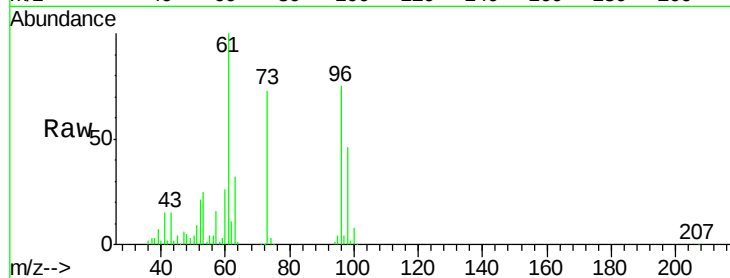
Tgt Ion: 96 Resp: 56244

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

98 60.7 50.4 75.6



#22

Diisopropyl ether

Concen: 20.099 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Tgt Ion: 45 Resp: 177868

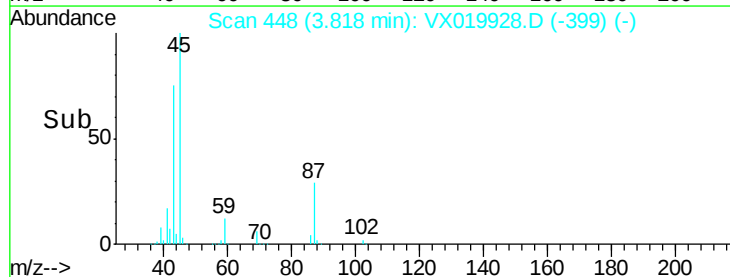
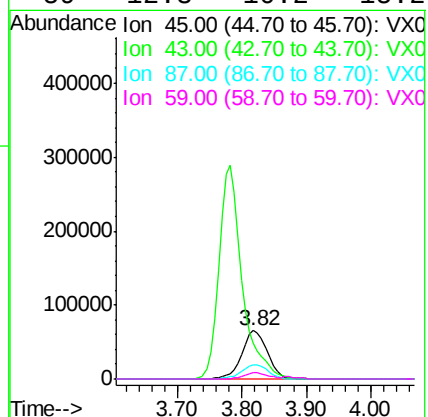
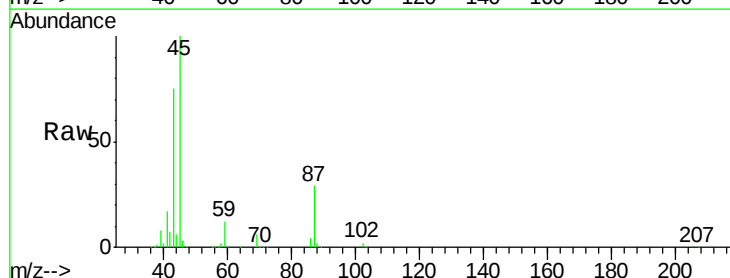
Ion Ratio Lower Upper

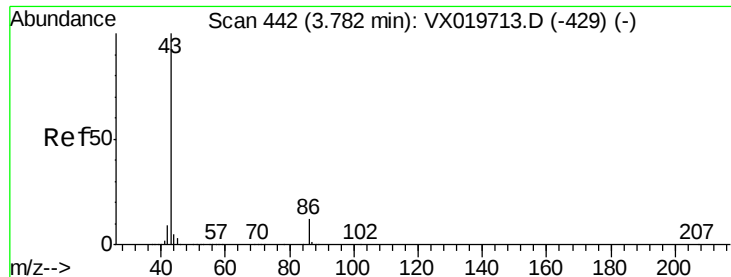
45 100

43 75.3 58.0 87.0

87 28.9 25.4 38.0

59 12.3 10.2 15.2





#23

Vinyl Acetate

Concen: 97.303 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

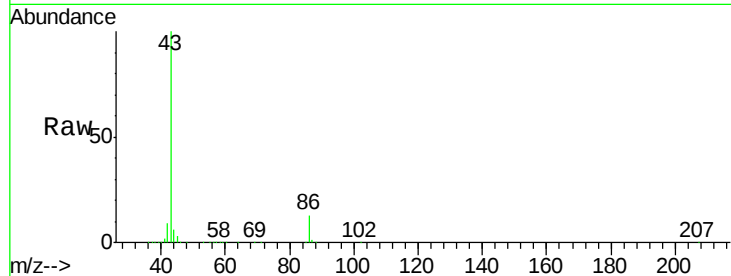
VX1212WBS01

Tgt Ion: 43 Resp: 733626

Ion Ratio Lower Upper

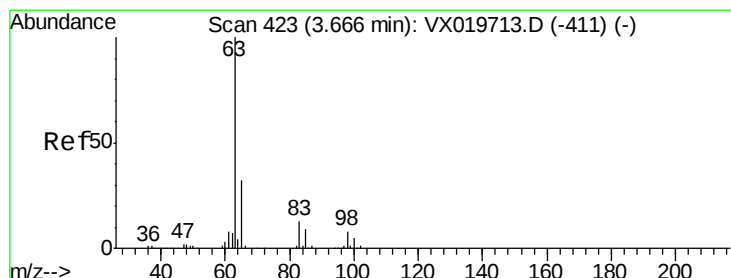
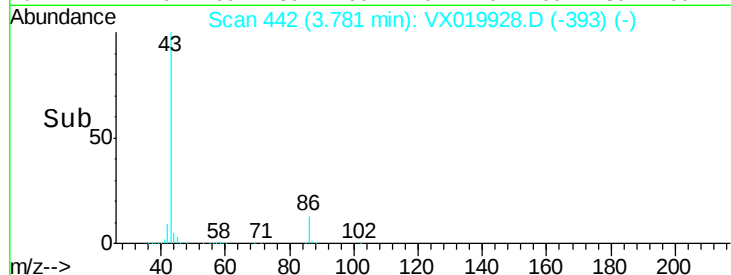
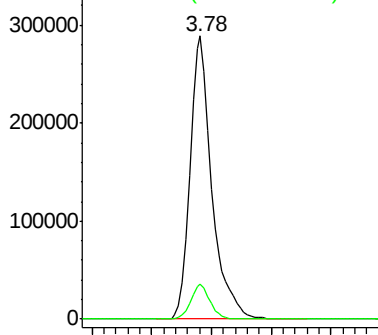
43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.391 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

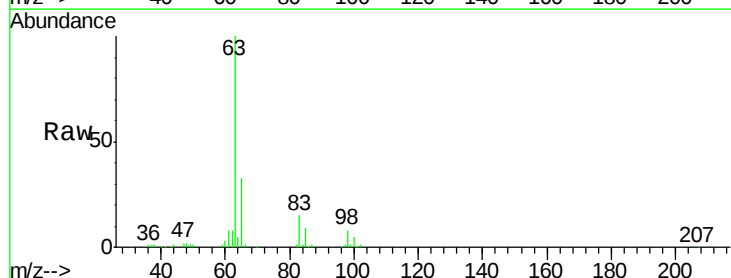
Tgt Ion: 63 Resp: 103483

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

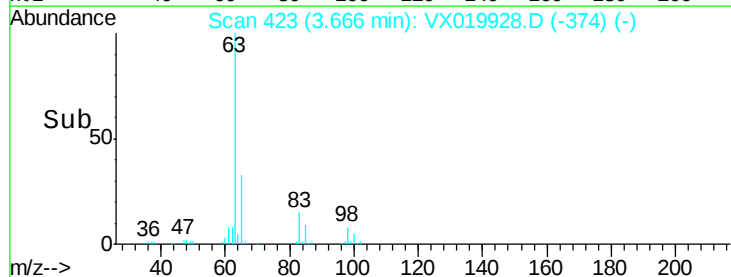
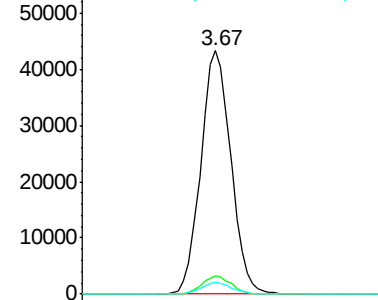
100 4.7 2.5 7.5

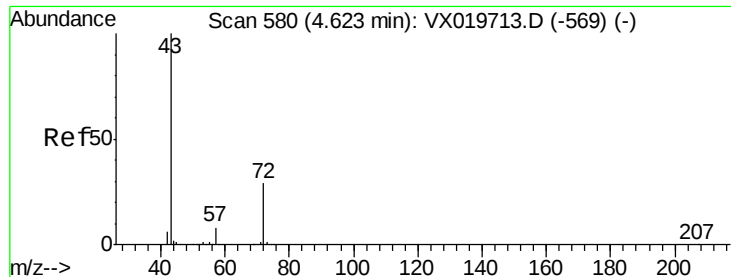


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

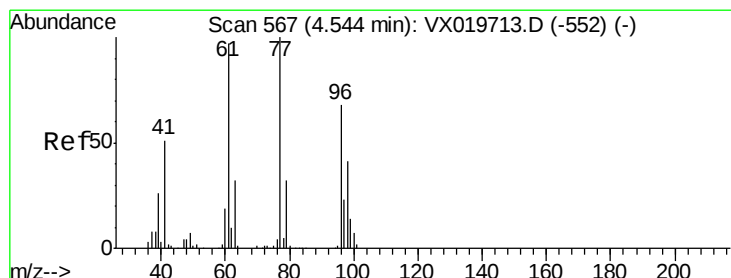
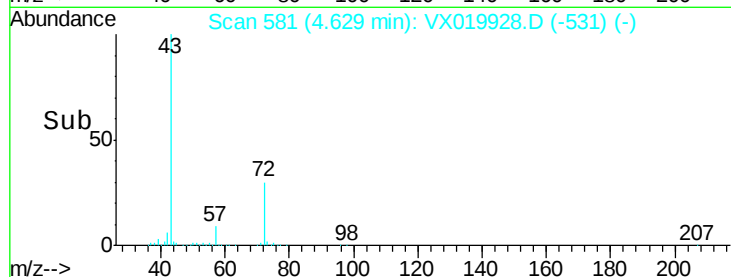
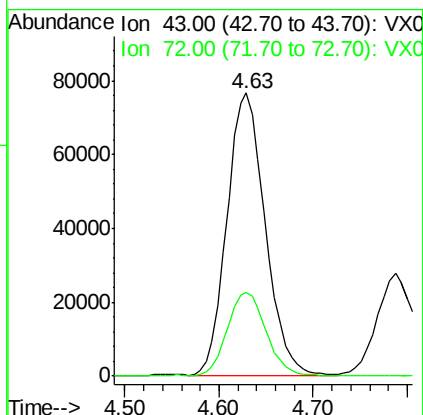
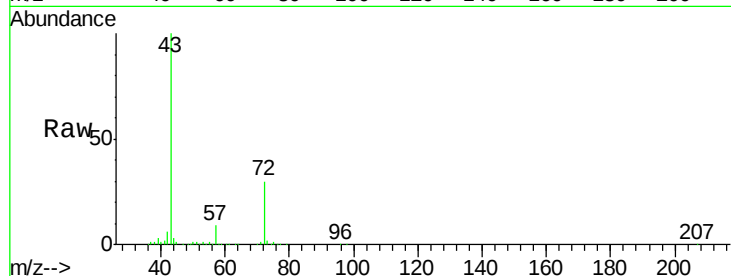




#25
2-Butanone
Concen: 100.524 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

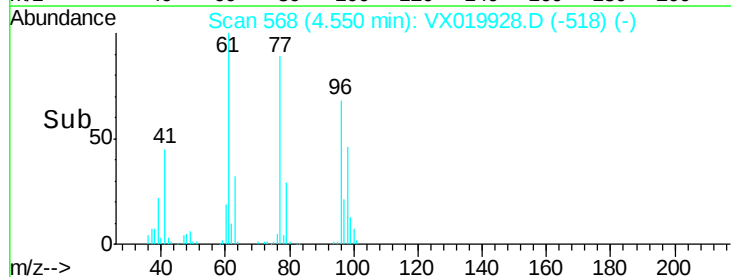
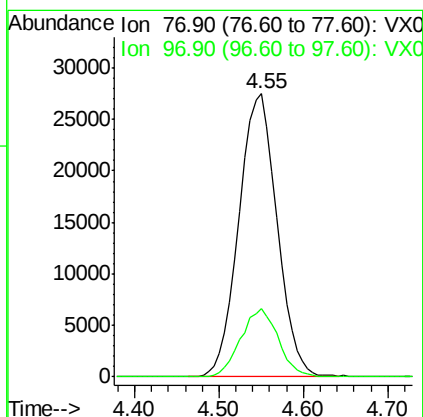
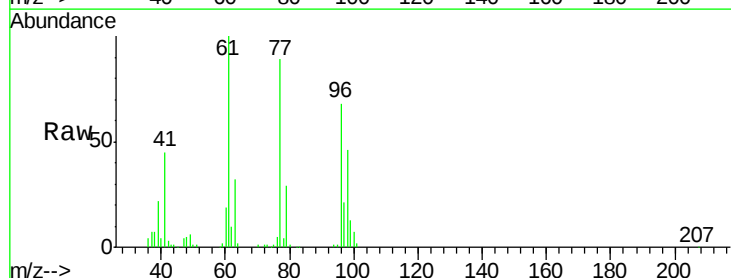
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

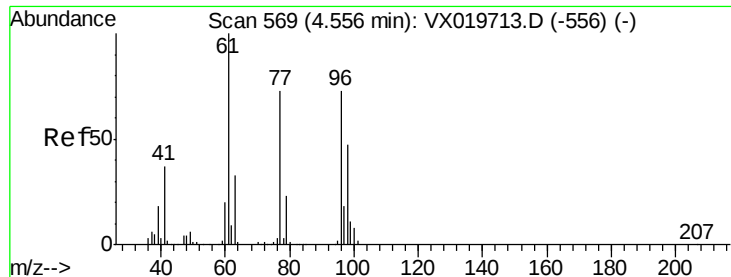
Tgt Ion: 43 Resp: 215847
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 18.443 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 77 Resp: 84758
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.649 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

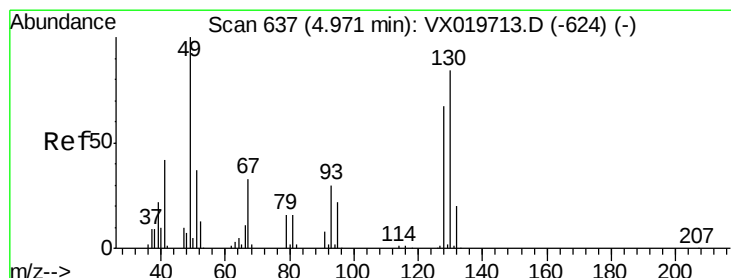
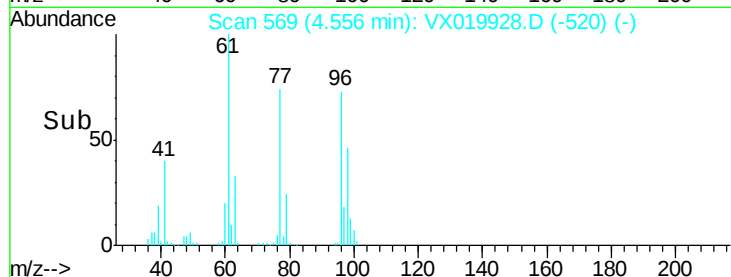
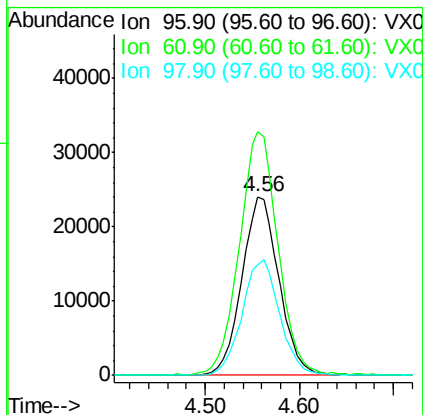
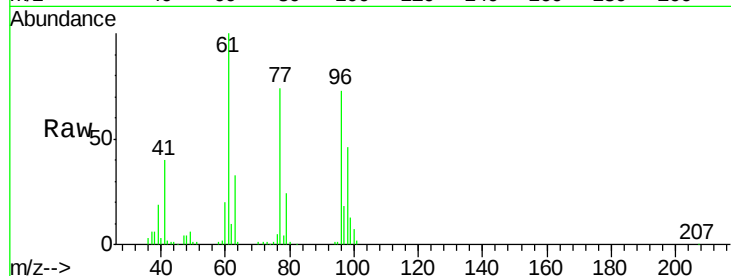
Tgt Ion: 96 Resp: 65941

Ion Ratio Lower Upper

96 100

61 143.0 0.0 285.6

98 65.8 0.0 129.6



#28

Bromochloromethane

Concen: 19.029 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

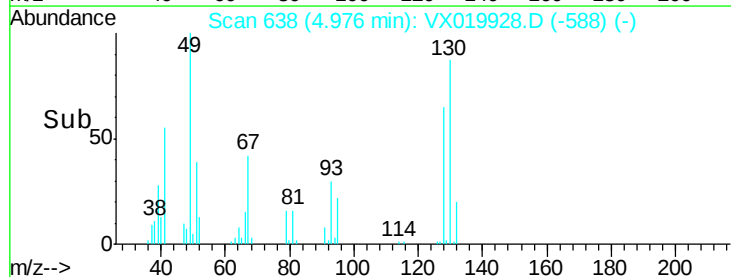
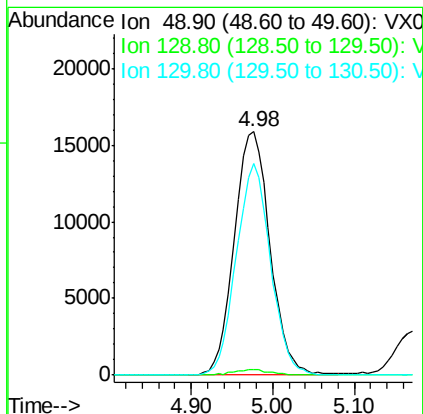
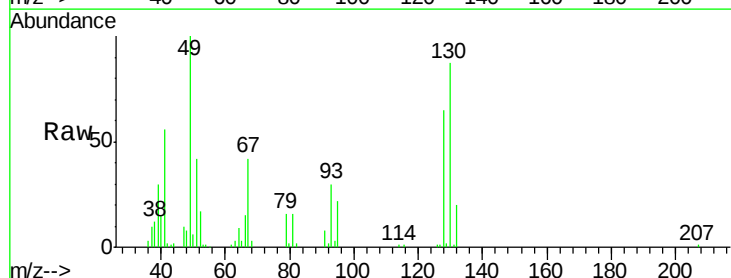
Tgt Ion: 49 Resp: 48411

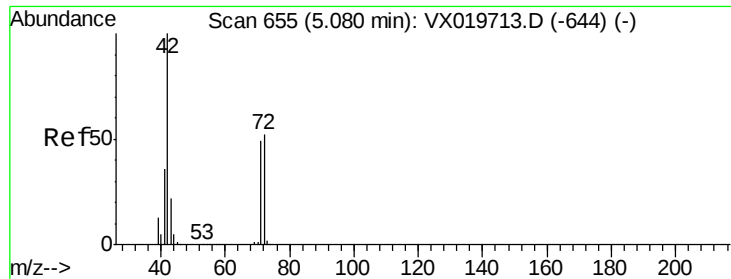
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 83.2 68.2 102.2

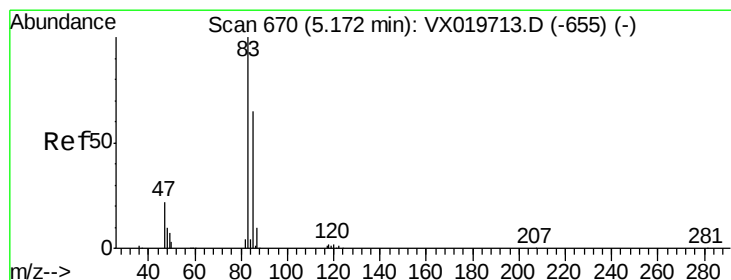
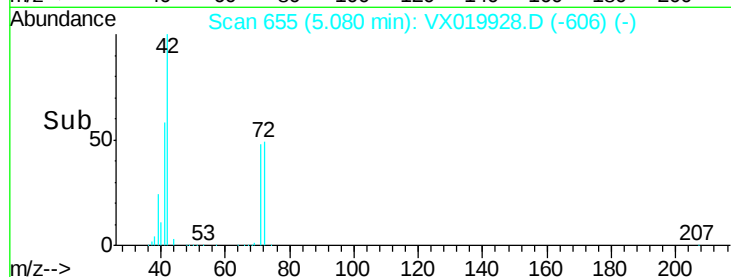
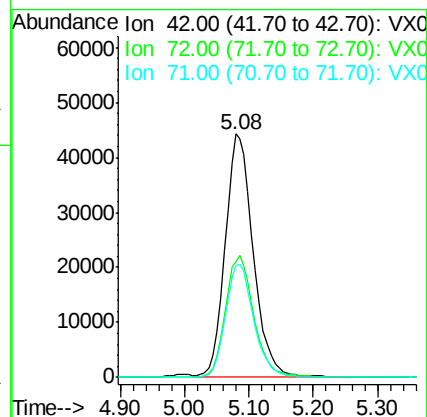
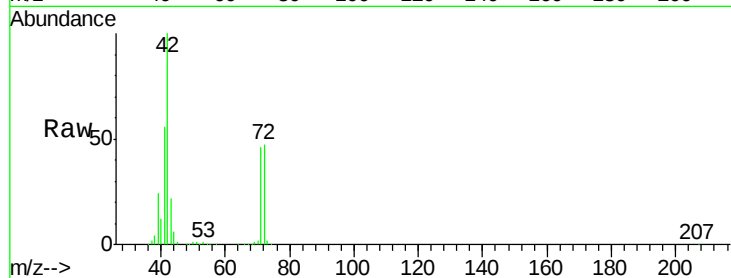




#29
Tetrahydrofuran
Concen: 97.413 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

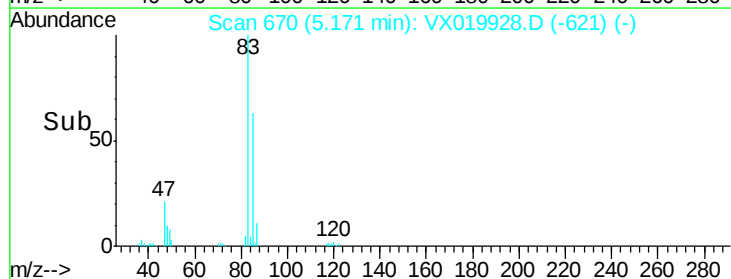
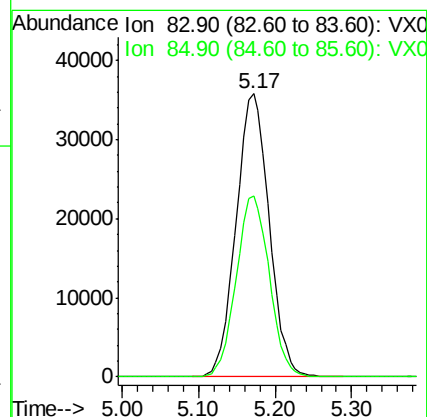
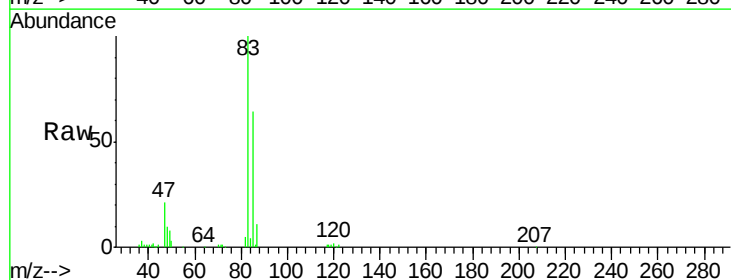
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

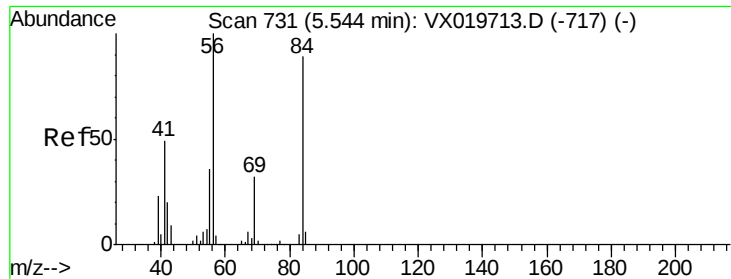
Tgt Ion: 42 Resp: 134763
Ion Ratio Lower Upper
42 100
72 51.2 41.7 62.5
71 46.8 38.4 57.6



#30
Chloroform
Concen: 19.543 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 83 Resp: 107242
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0

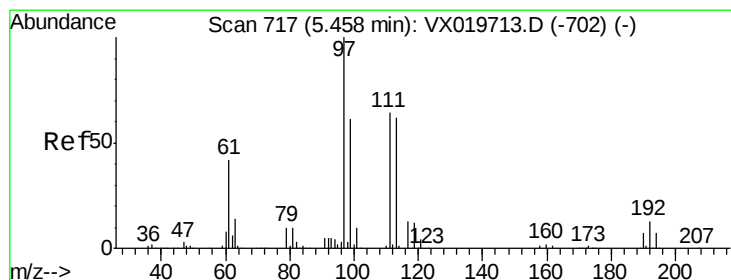
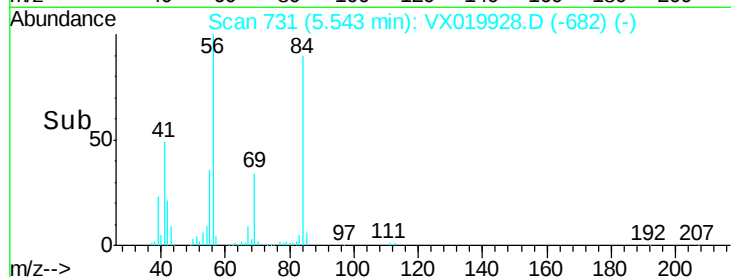
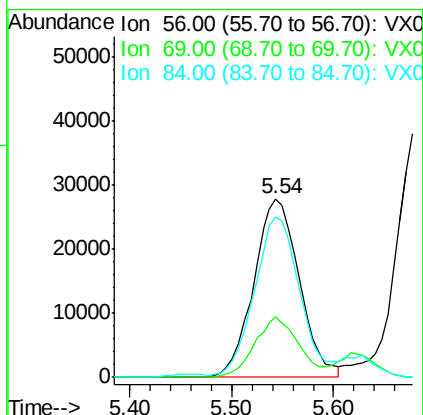
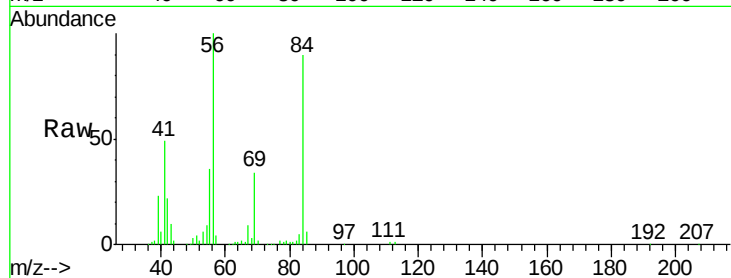




#31
Cyclohexane
Concen: 18.636 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

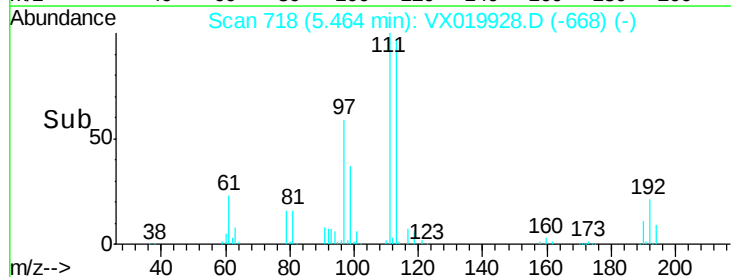
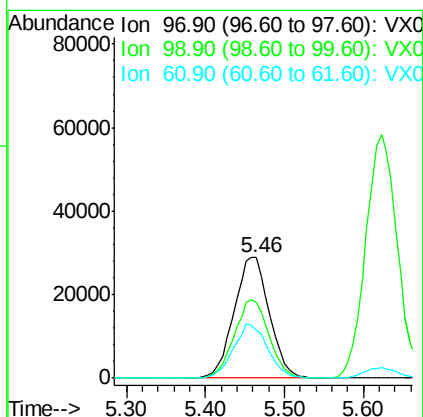
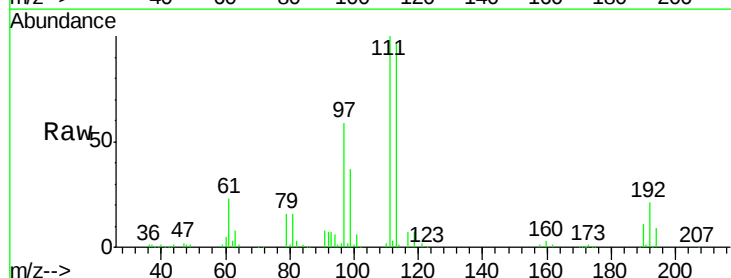
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

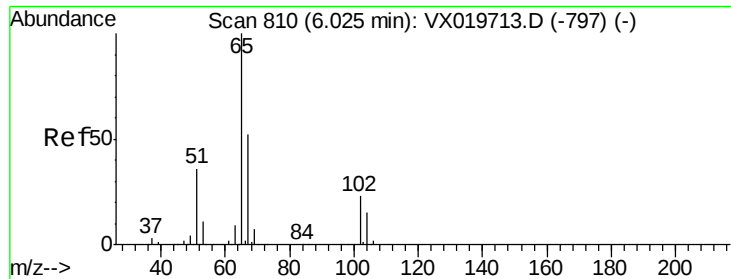
Tgt Ion: 56 Resp: 86181
Ion Ratio Lower Upper
56 100
69 33.8 25.3 37.9
84 88.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 18.982 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 97 Resp: 89699
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 43.7 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.057 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

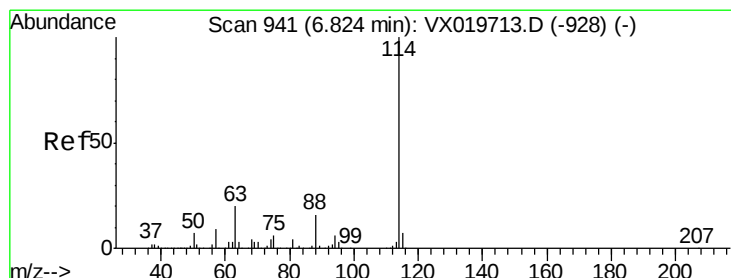
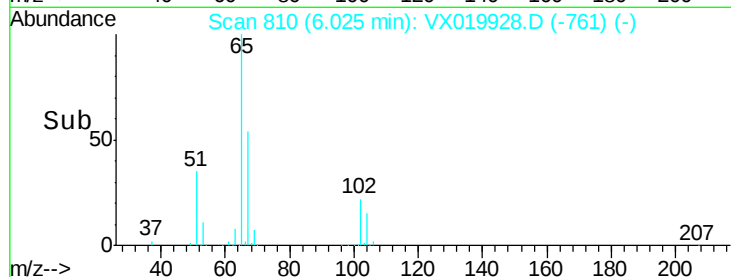
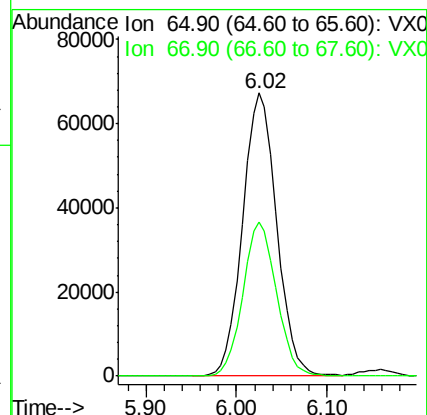
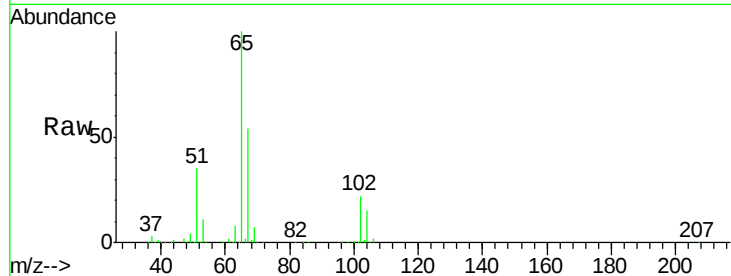
VX1212WBS01

Tgt Ion: 65 Resp: 174943

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

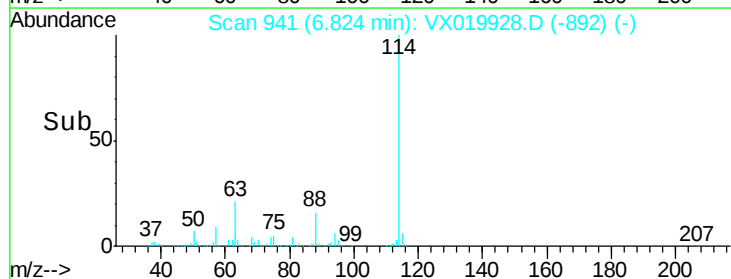
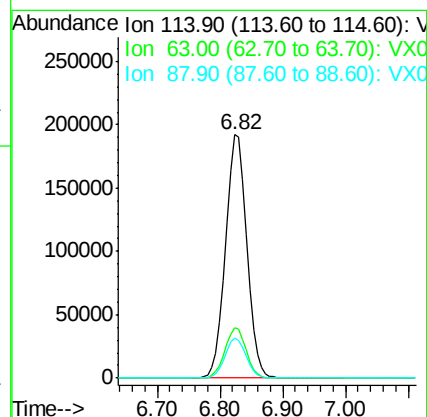
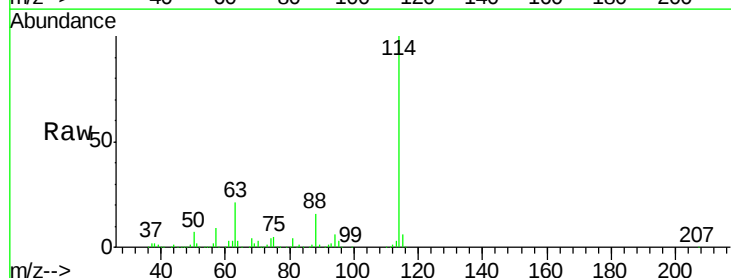
Tgt Ion: 114 Resp: 452635

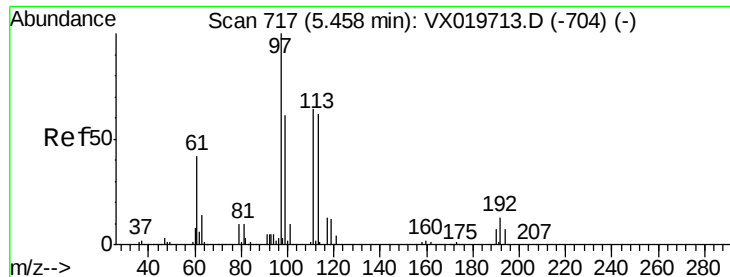
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.4 0.0 32.8

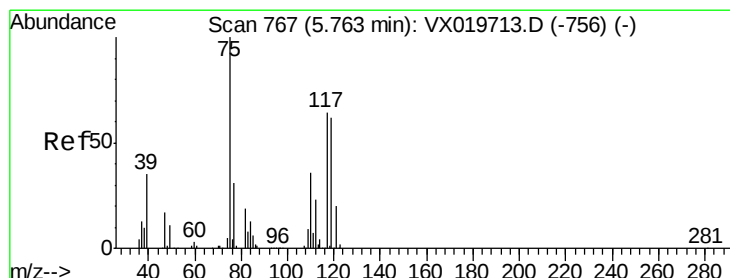
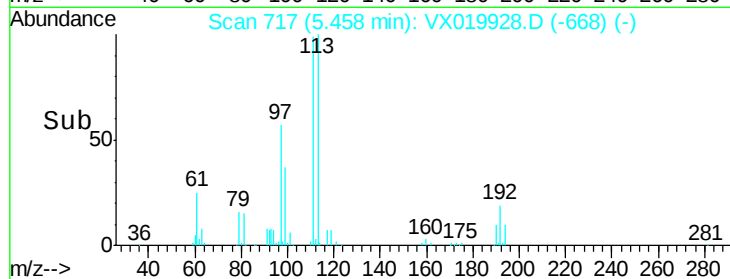
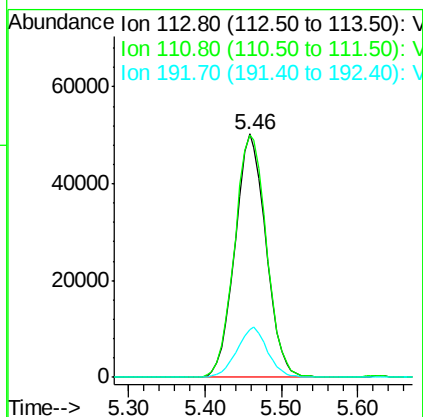
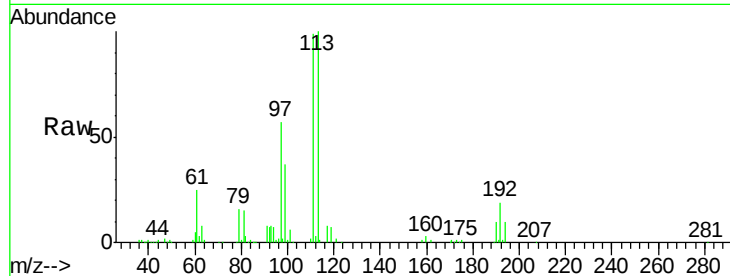




#35
 Dibromofluoromethane
 Concen: 48.258 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

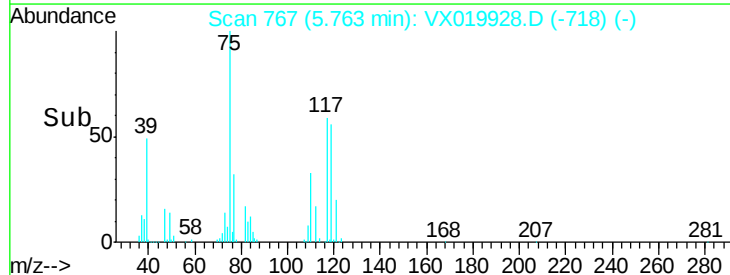
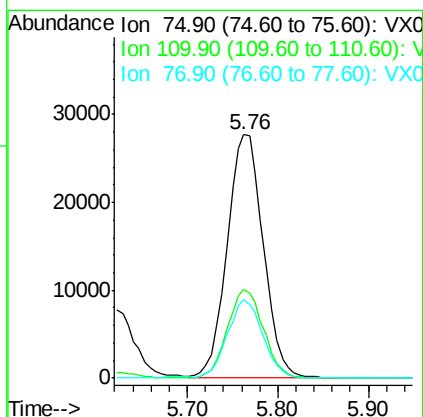
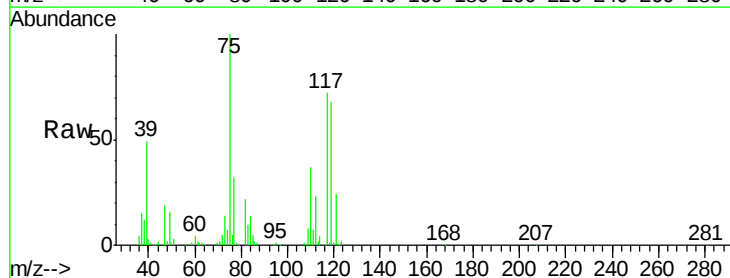
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

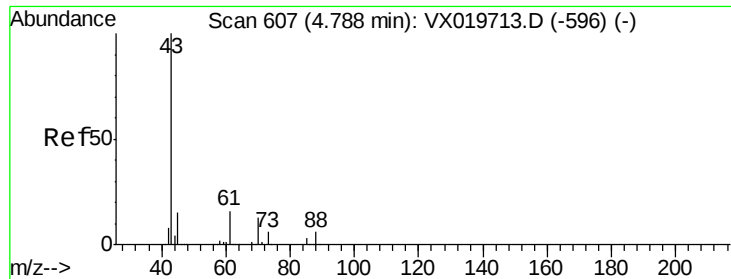
Tgt Ion: 113 Resp: 141169
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 20.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 18.616 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 75 Resp: 76142
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 31.7 25.3 37.9

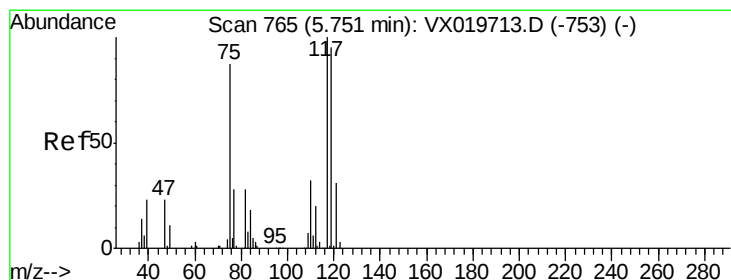
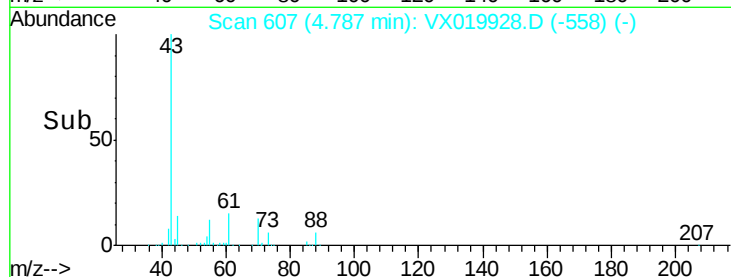
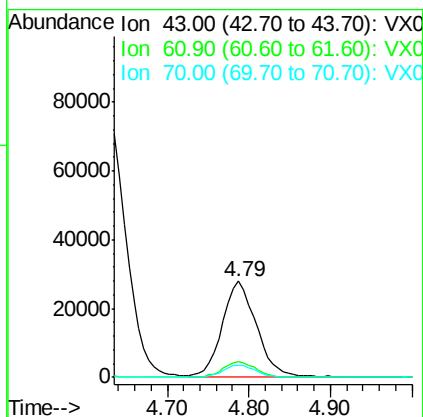
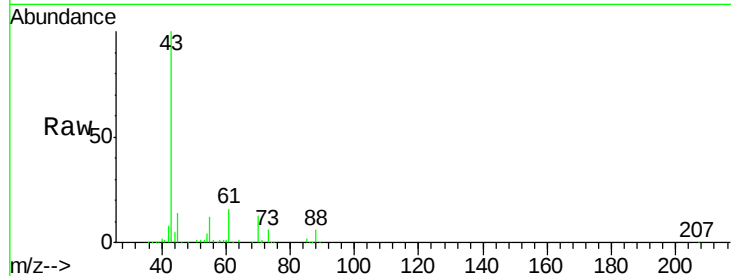




#37
Ethyl Acetate
Concen: 19.270 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

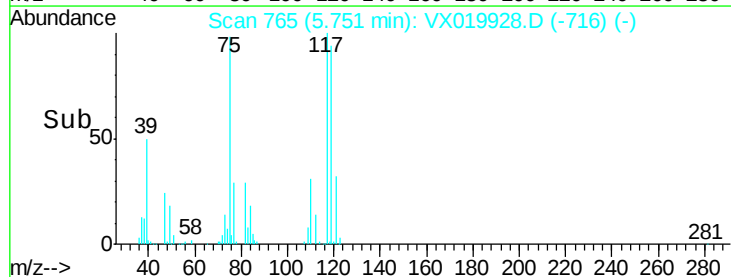
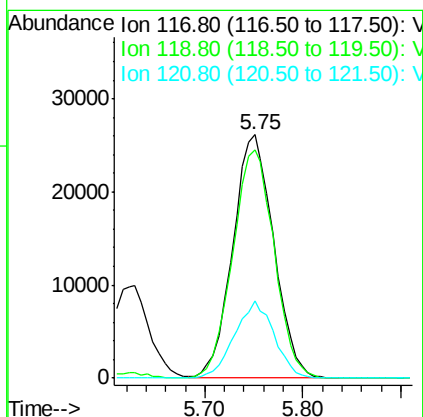
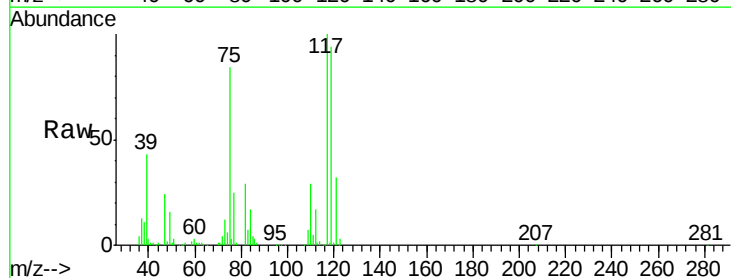
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

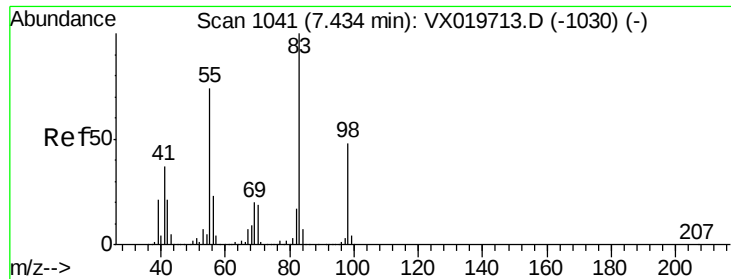
Tgt Ion: 43 Resp: 79578
Ion Ratio Lower Upper
43 100
61 16.5 12.8 19.2
70 12.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.950 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 117 Resp: 75899
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2
121 31.9 24.8 37.2

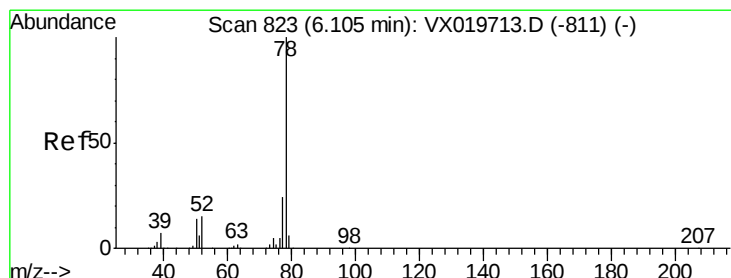
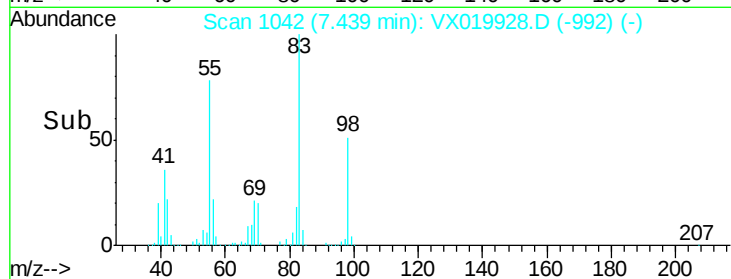
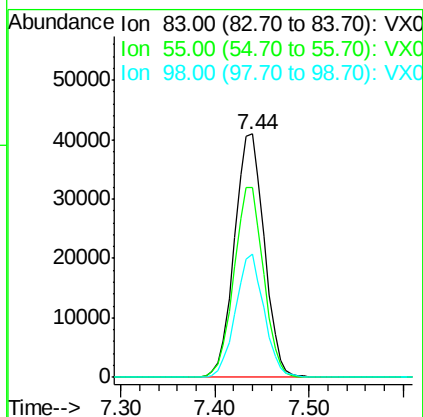
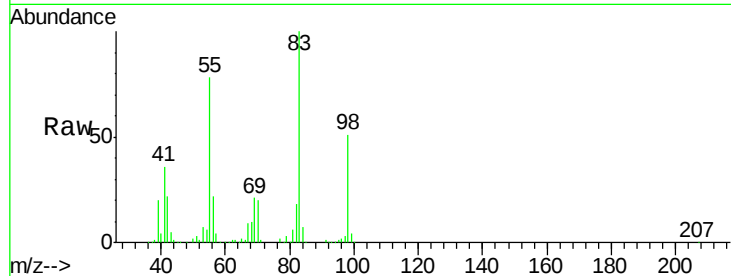




#39
Methylcyclohexane
Concen: 18.740 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

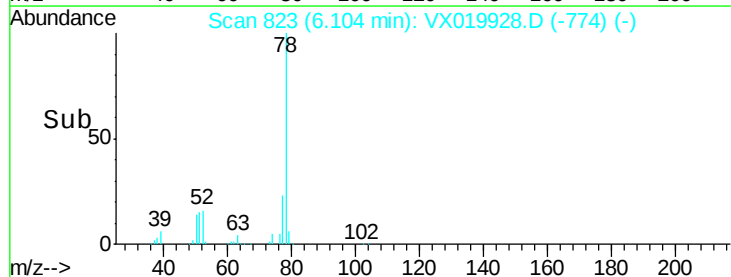
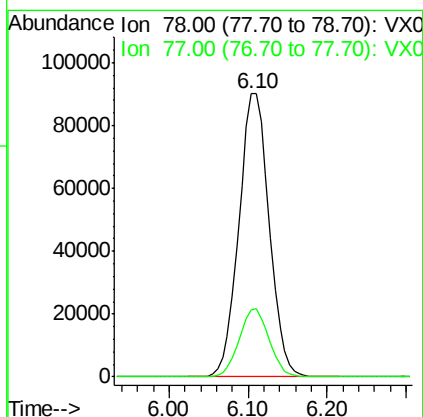
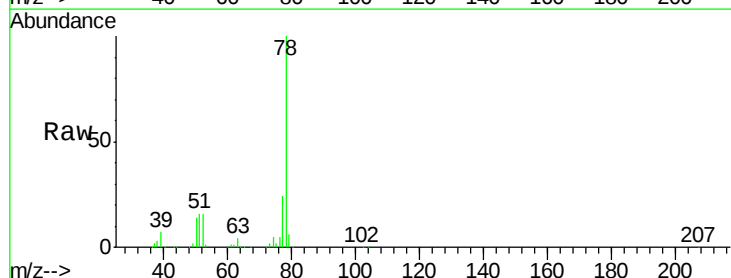
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS01

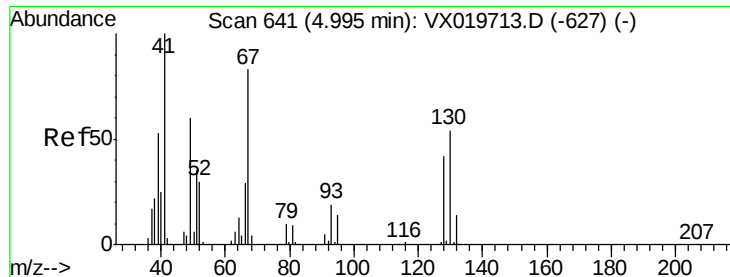
Tgt Ion: 83 Resp: 90052
Ion Ratio Lower Upper
83 100
55 78.2 58.9 88.3
98 50.9 38.1 57.1



#40
Benzene
Concen: 19.341 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 78 Resp: 241655
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

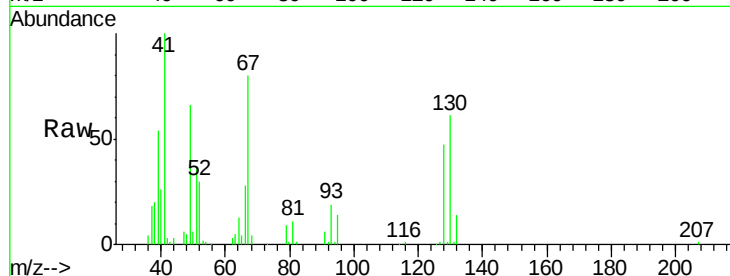




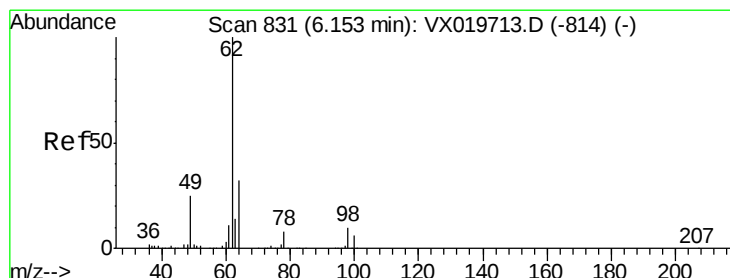
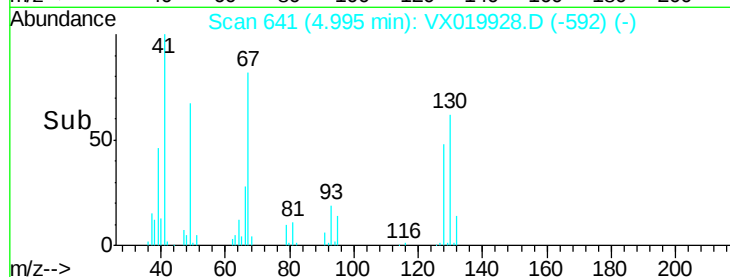
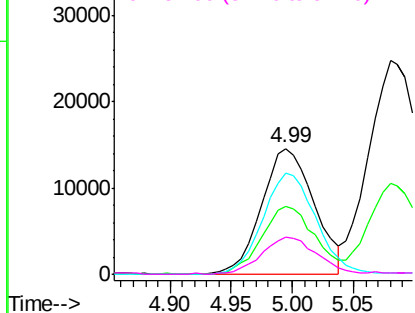
#41
Methacrylonitrile
Concen: 19.241 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion:	41	Resp:	43628
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.5	63.7
67	82.0	65.0	97.6
52	32.5	25.3	37.9

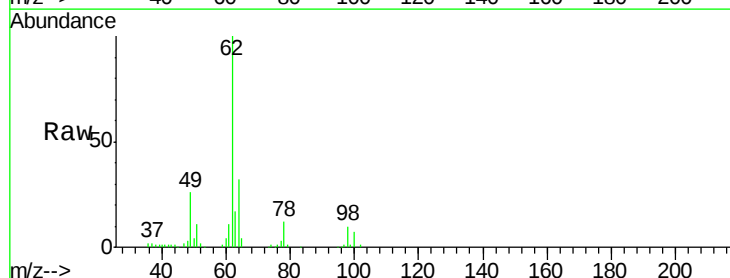


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

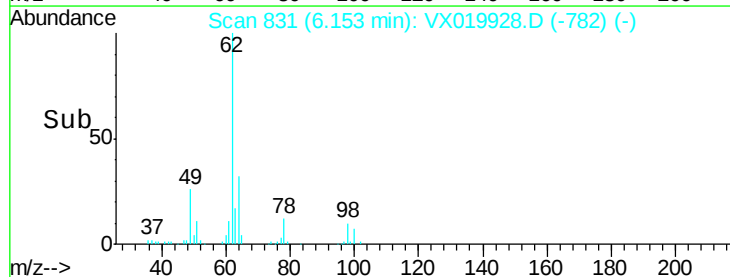
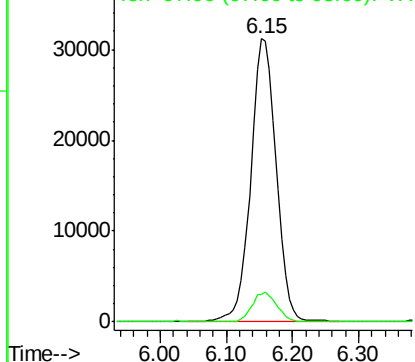


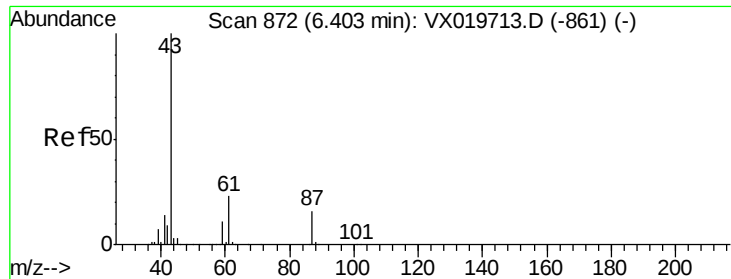
#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion:	62	Resp:	84102
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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

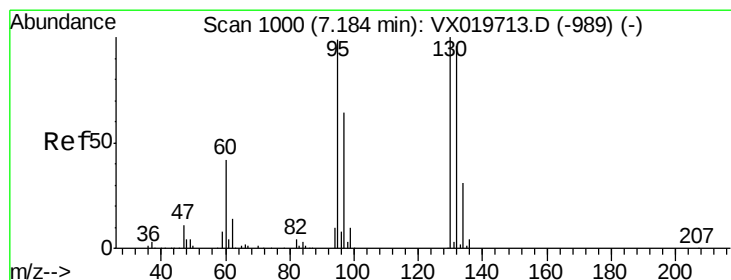
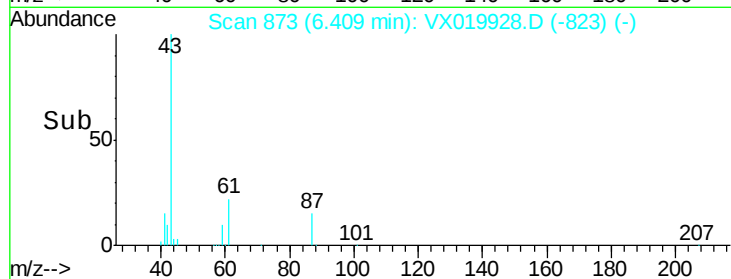
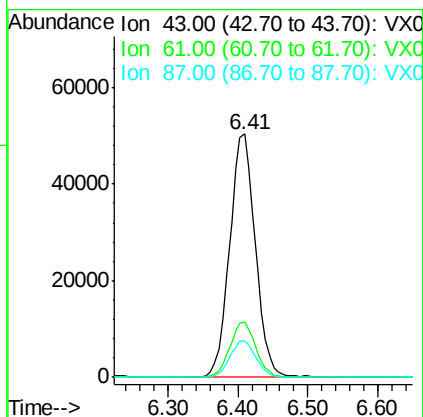
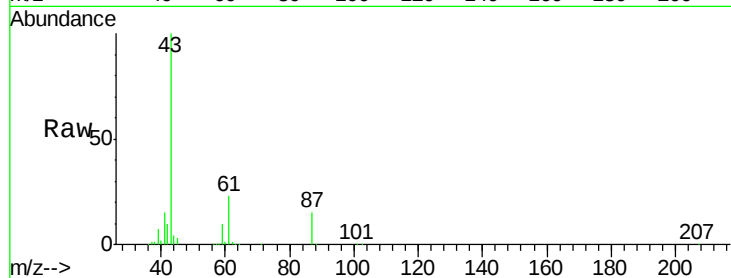




#43
Isopropyl Acetate
Concen: 18.988 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

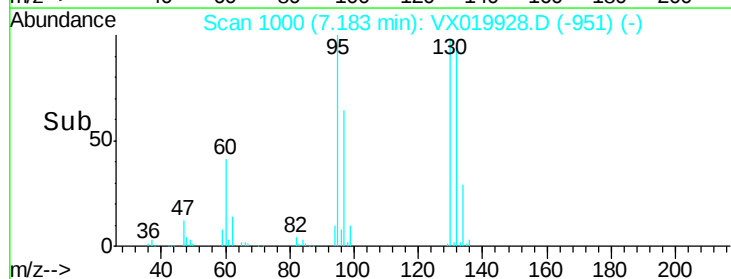
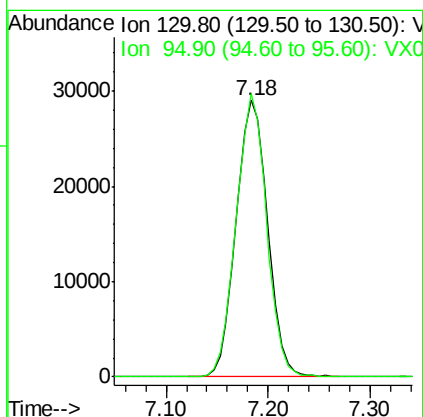
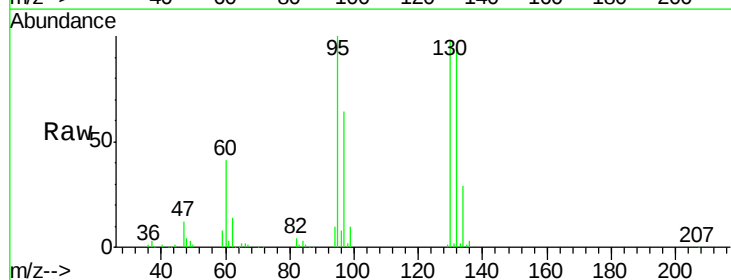
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

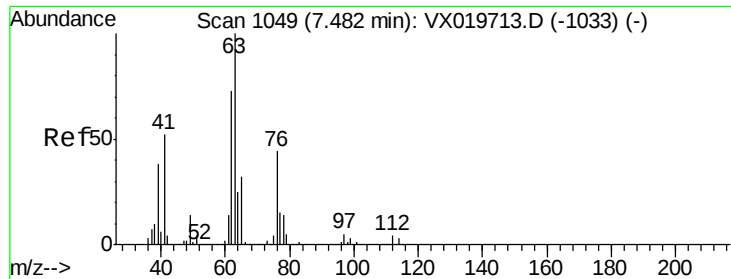
Tgt Ion: 43 Resp: 127489
Ion Ratio Lower Upper
43 100
61 22.9 18.2 27.4
87 15.2 12.5 18.7



#44
Trichloroethene
Concen: 18.969 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 130 Resp: 62184
Ion Ratio Lower Upper
130 100
95 102.4 0.0 198.0

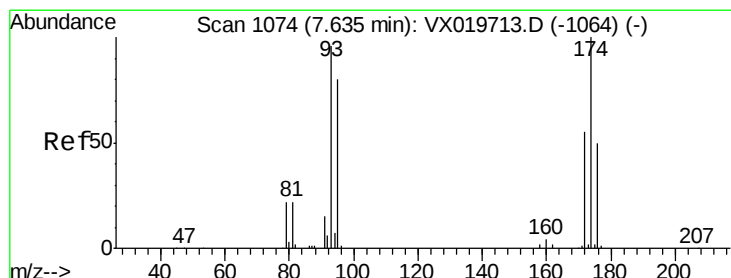
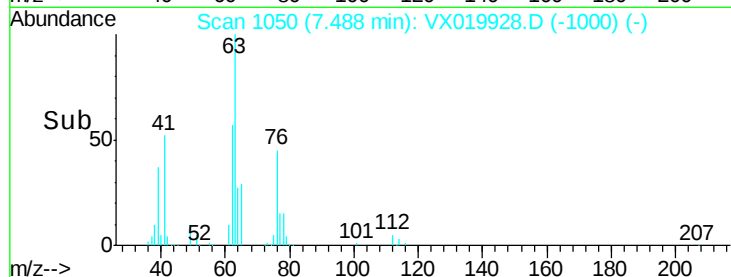
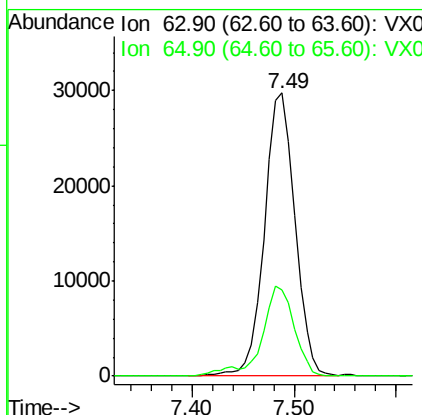
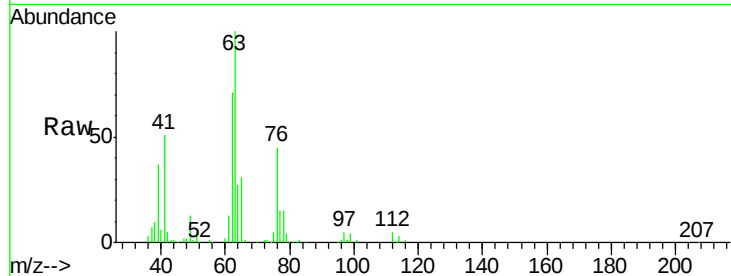




#45
 1,2-Dichloropropane
 Concen: 19.797 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

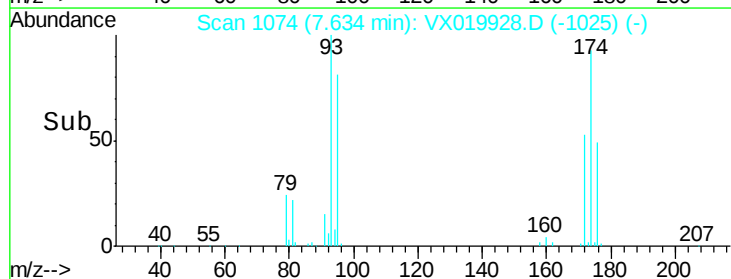
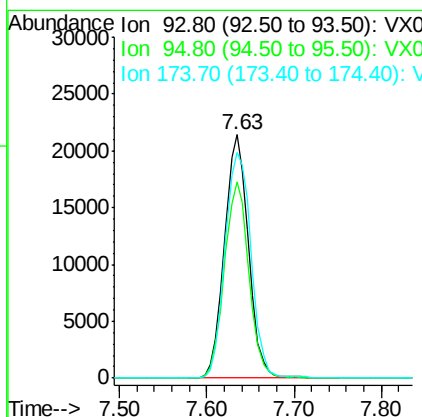
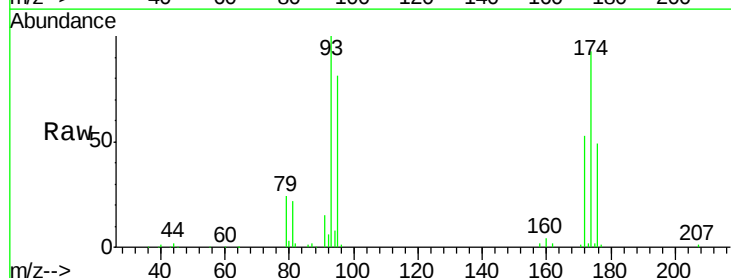
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

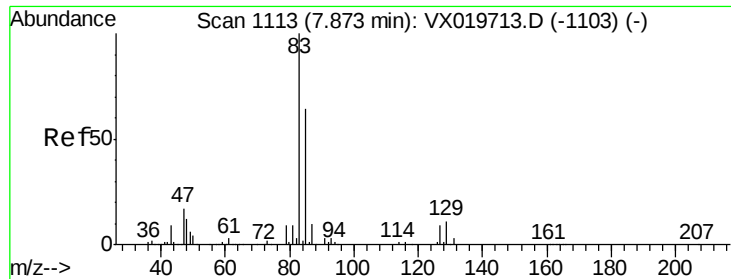
Tgt Ion: 63 Resp: 61820
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5



#46
 Dibromomethane
 Concen: 19.318 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 93 Resp: 40738
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.8 100.2
 174 100.7 83.1 124.7





#47

Bromodichloromethane

Concen: 19.116 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

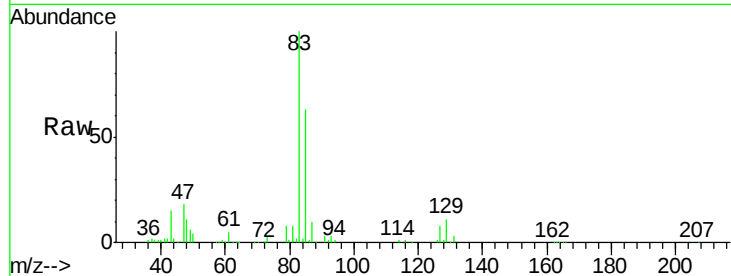
Tgt Ion: 83 Resp: 79989

Ion Ratio Lower Upper

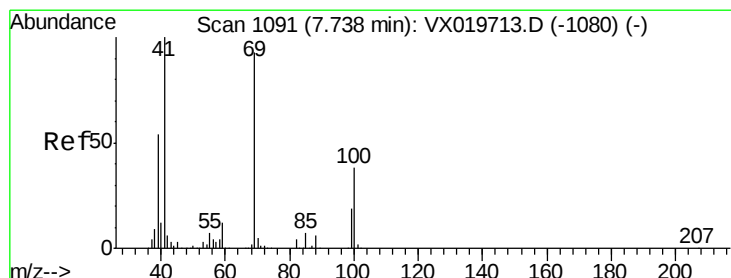
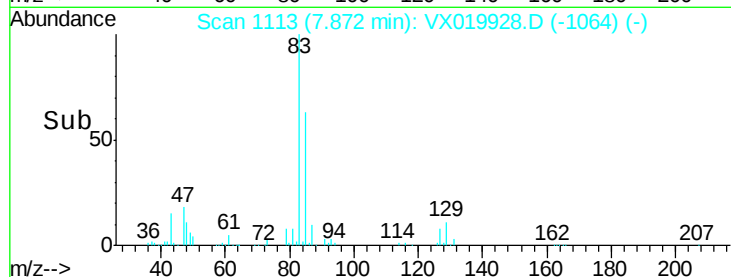
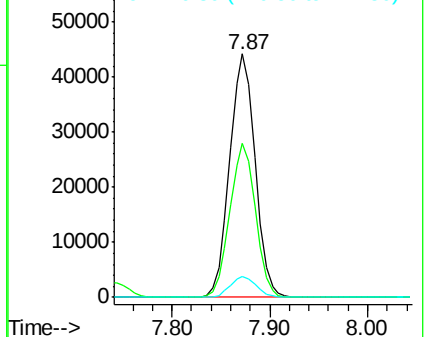
83 100

85 63.1 51.4 77.0

127 8.3 6.8 10.2



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: 18.876 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

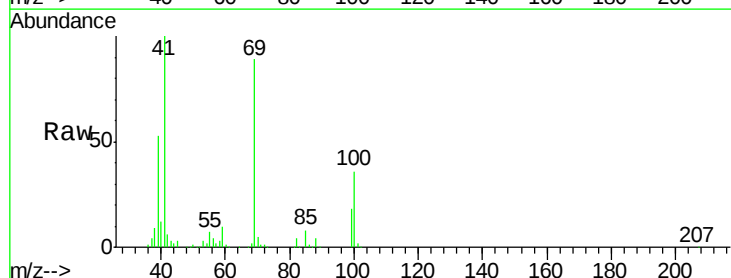
Tgt Ion: 41 Resp: 62330

Ion Ratio Lower Upper

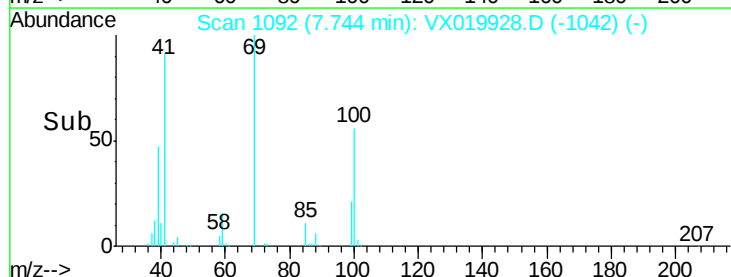
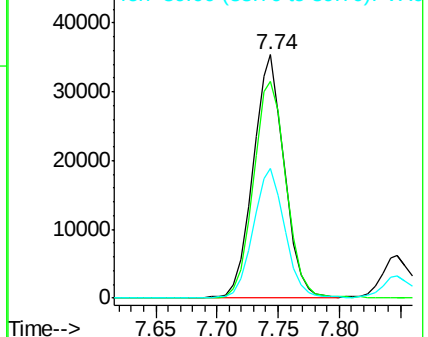
41 100

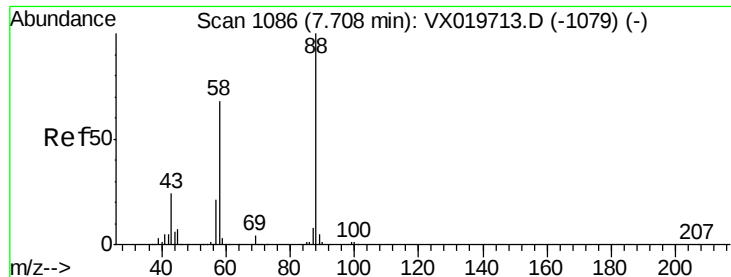
69 93.8 76.0 114.0

39 54.4 44.6 67.0



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

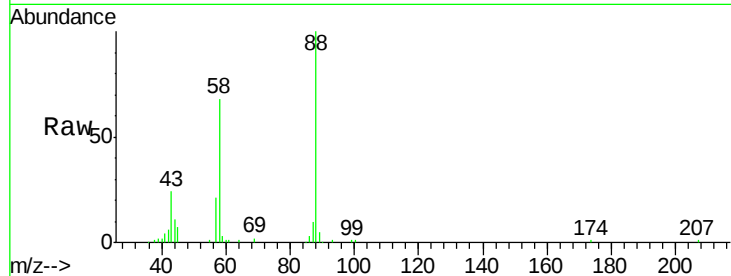




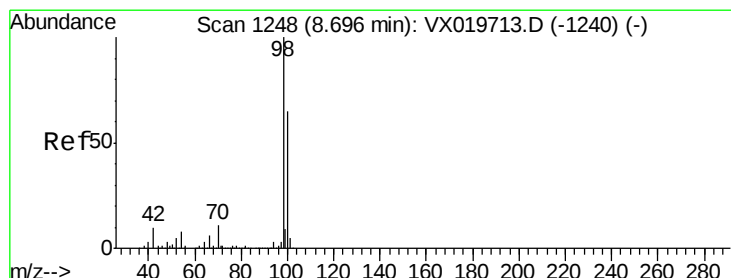
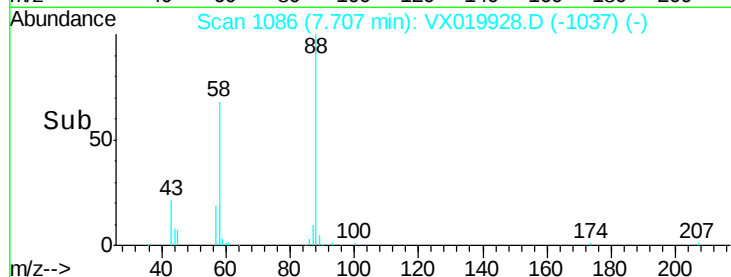
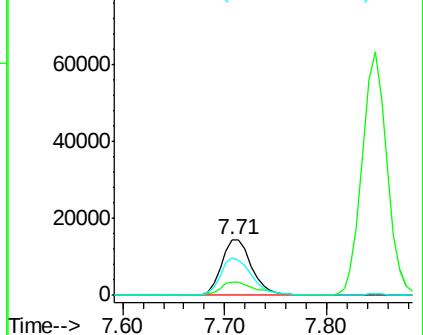
#49
1,4-Dioxane
Concen: 375.280 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 88 Resp: 30019
Ion Ratio Lower Upper
88 100
43 28.5 23.2 34.8
58 69.8 55.0 82.4

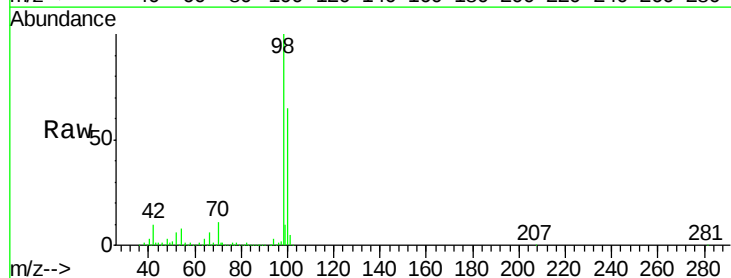


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

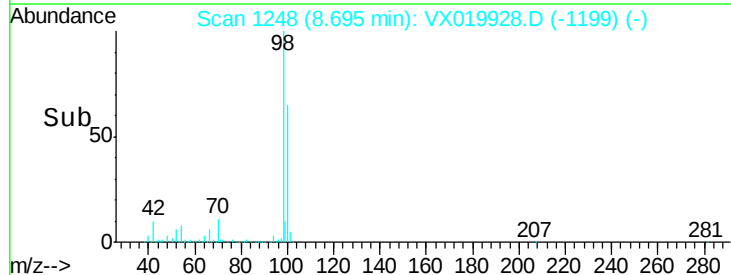
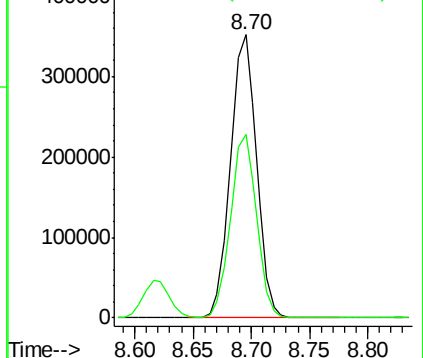


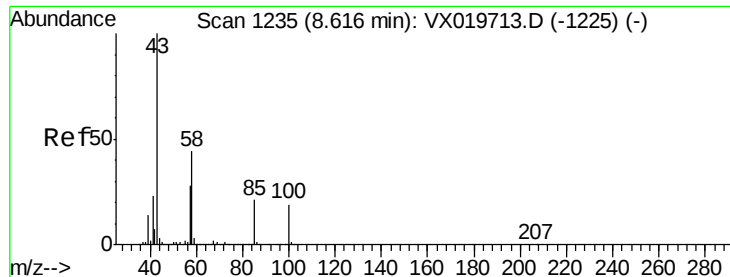
#50
Toluene-d8
Concen: 49.262 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 98 Resp: 550163
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



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

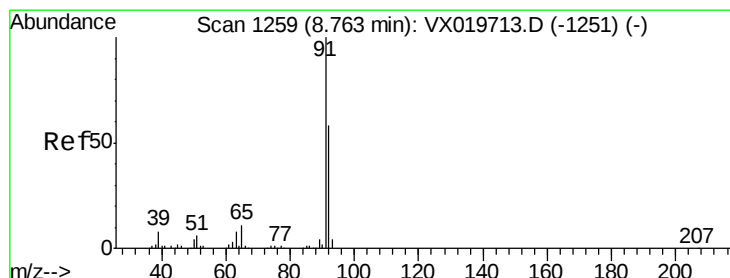
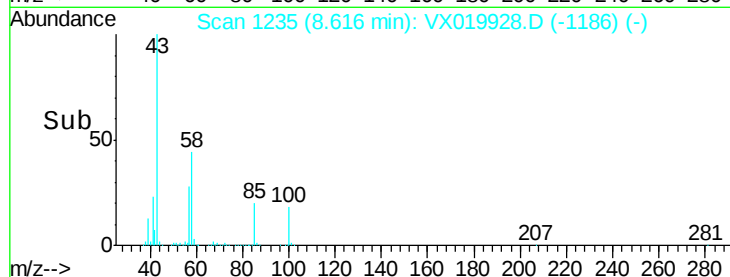
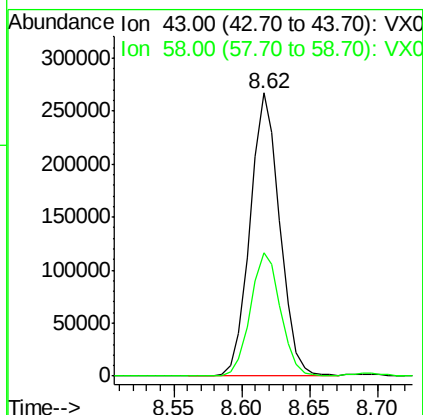
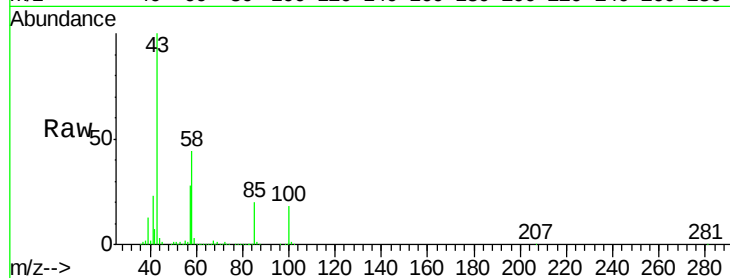




#51
 4-Methyl-2-Pentanone
 Concen: 99.716 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

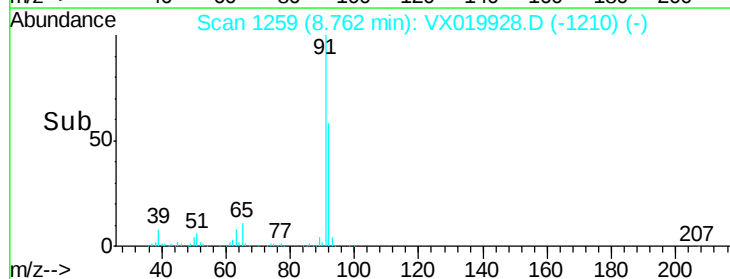
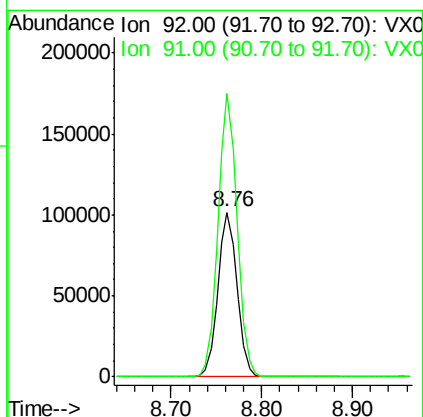
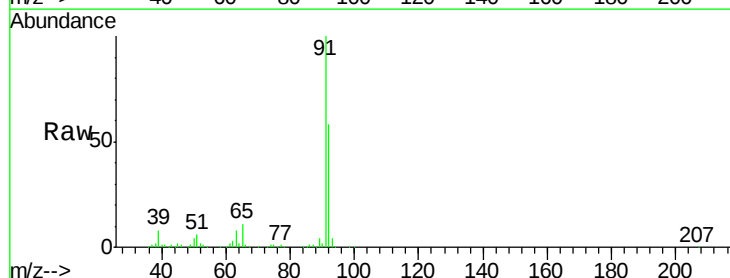
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

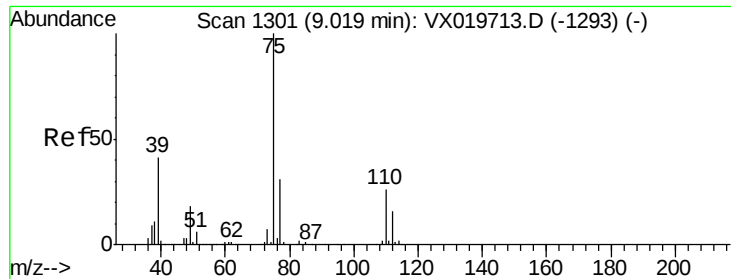
Tgt Ion: 43 Resp: 408751
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.4 53.0



#52
 Toluene
 Concen: 19.243 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 92 Resp: 150374
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.1 205.7

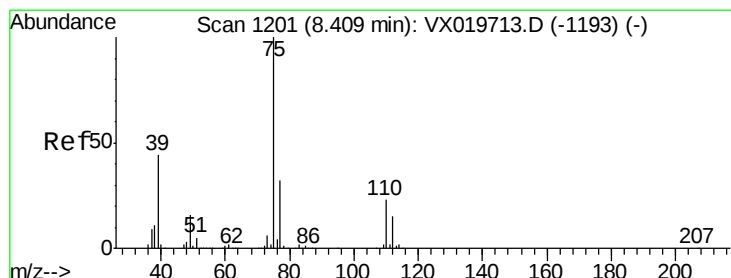
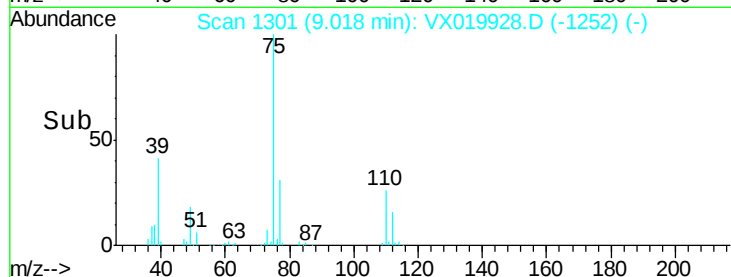
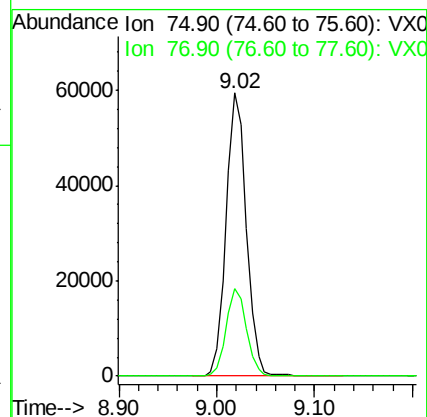
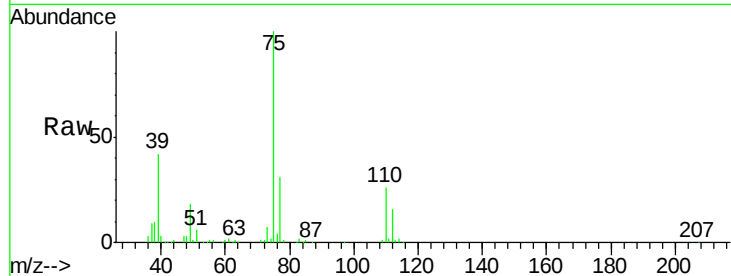




#53
t-1,3-Dichloropropene
Concen: 18.426 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

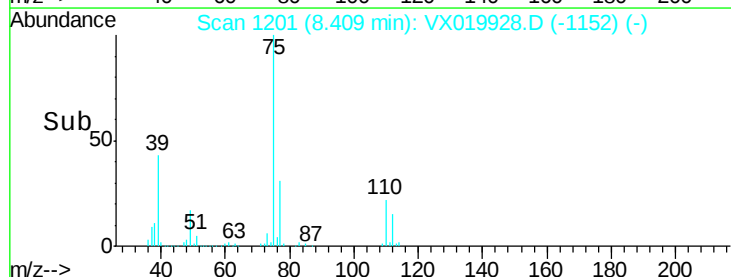
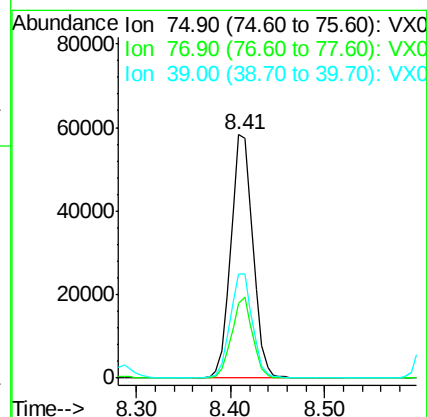
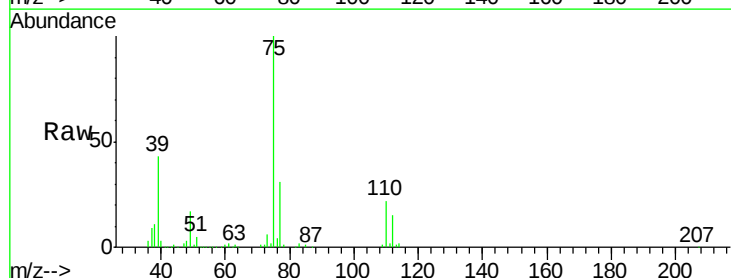
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

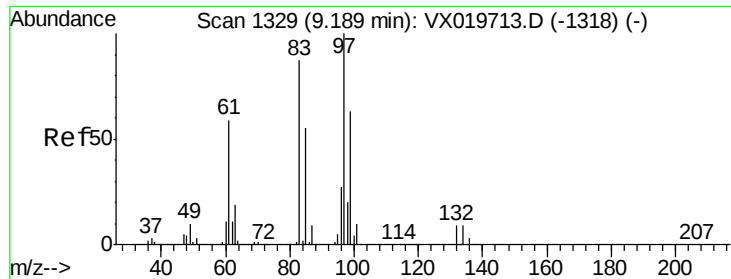
Tgt Ion: 75 Resp: 85561
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 18.807 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 75 Resp: 94874
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 42.7 35.1 52.7

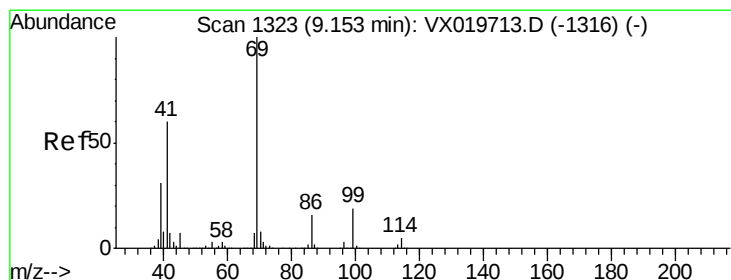
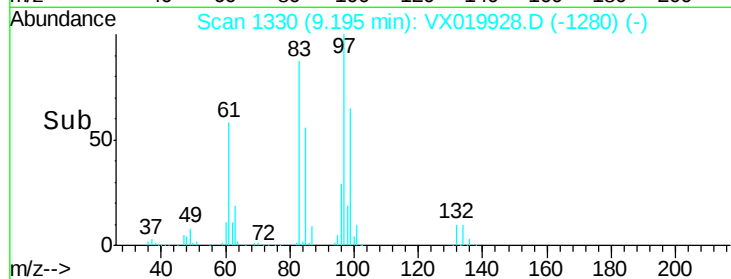
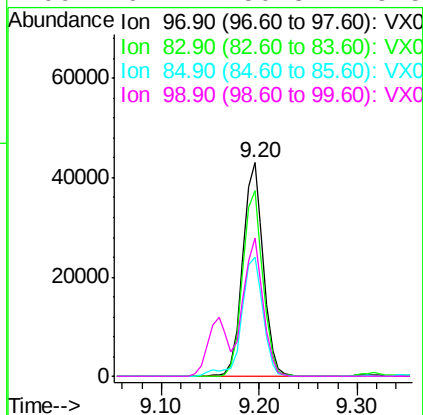
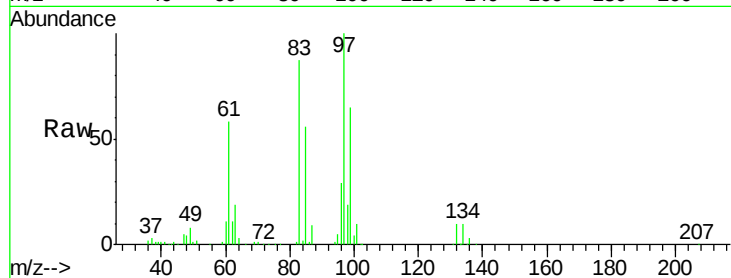




#55
 1,1,2-Trichloroethane
 Concen: 19.818 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

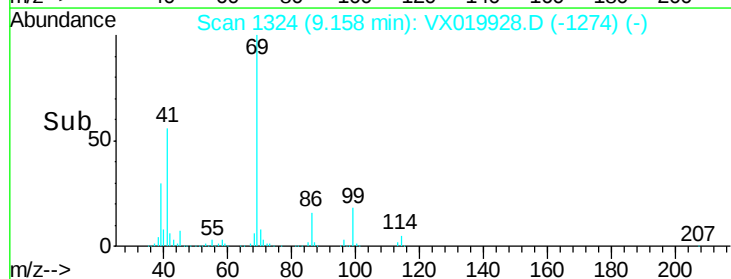
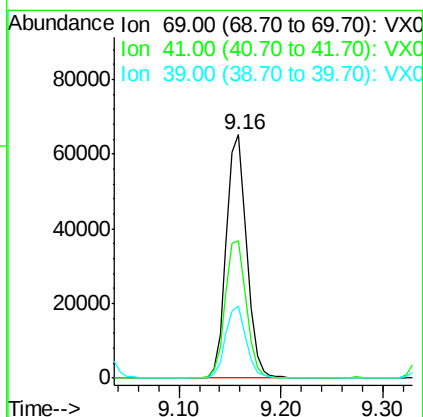
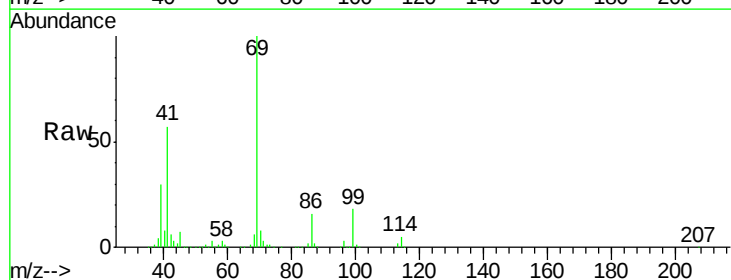
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

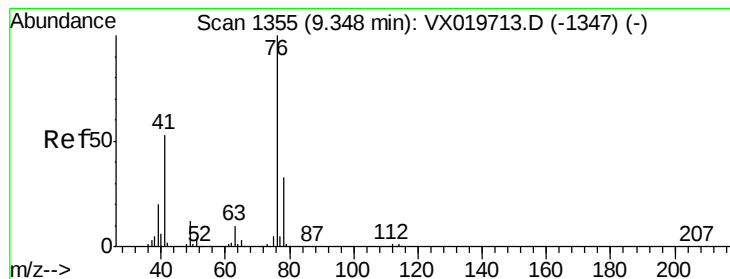
Tgt Ion: 97 Resp: 62408
 Ion Ratio Lower Upper
 97 100
 83 87.1 69.3 103.9
 85 55.5 44.3 66.5
 99 64.7 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 18.931 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 69 Resp: 90195
 Ion Ratio Lower Upper
 69 100
 41 58.8 46.8 70.2
 39 29.8 24.7 37.1





#57

1,3-Dichloropropane

Concen: 19.718 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

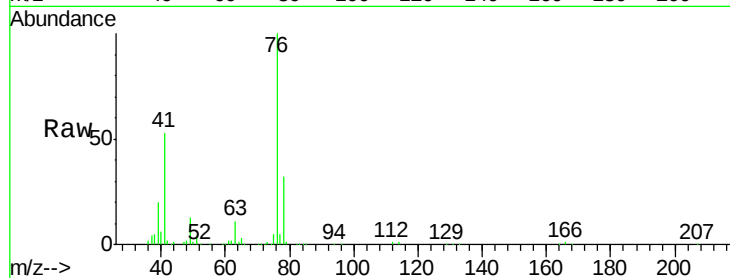
VX1212WBS01

Tgt Ion: 76 Resp: 106025

Ion Ratio Lower Upper

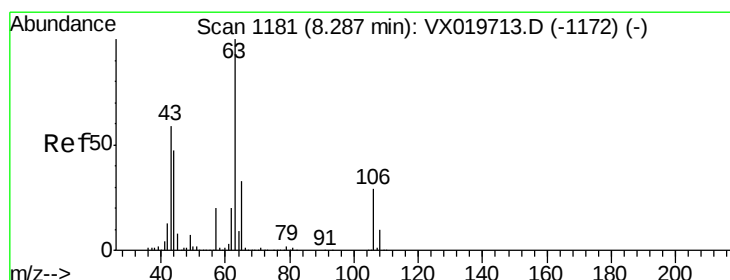
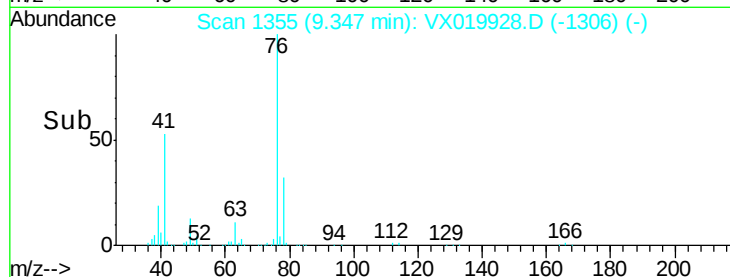
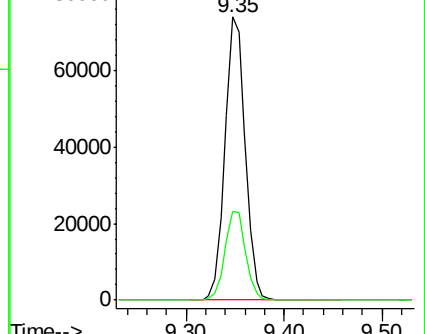
76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.440 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019928.D

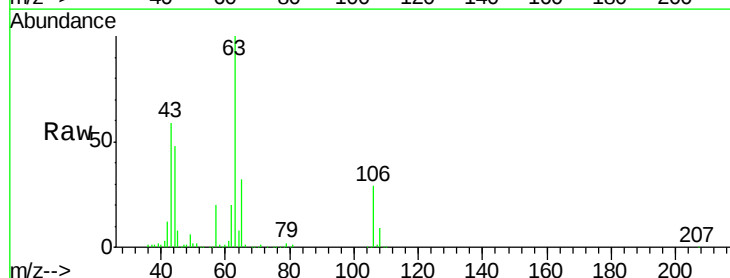
Acq: 12 Dec 2020 13:35

Tgt Ion: 63 Resp: 248465

Ion Ratio Lower Upper

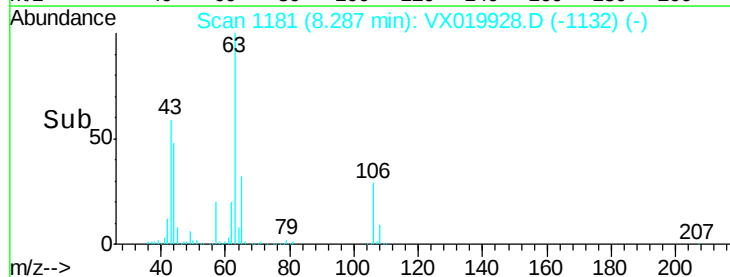
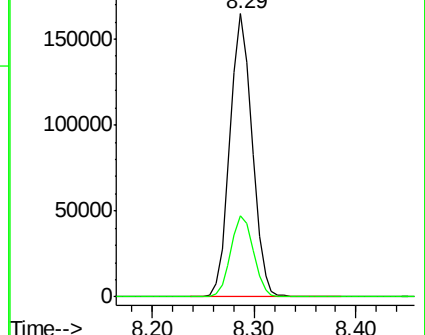
63 100

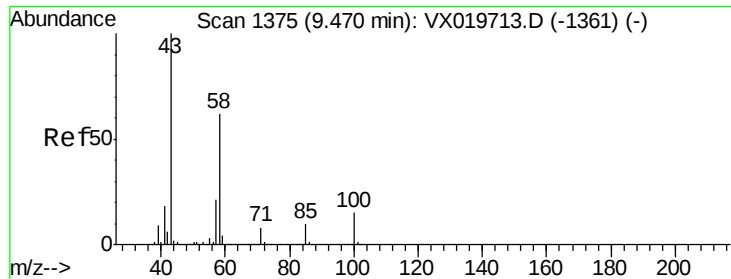
106 29.1 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

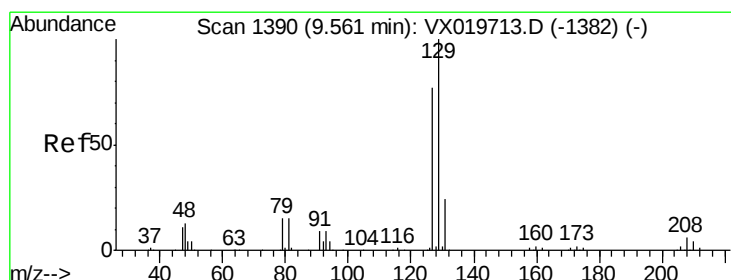
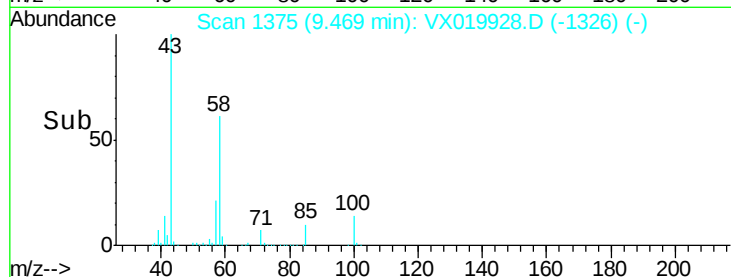
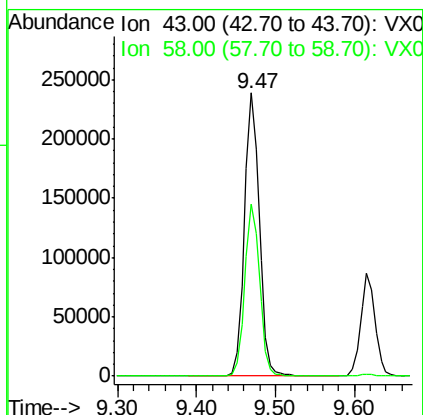
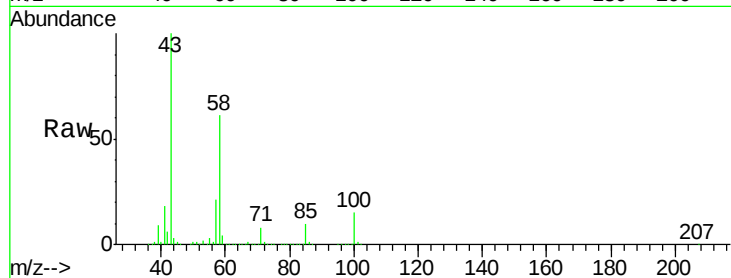




#59
2-Hexanone
Concen: 98.582 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

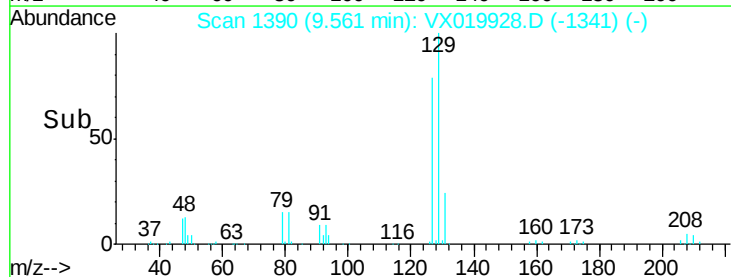
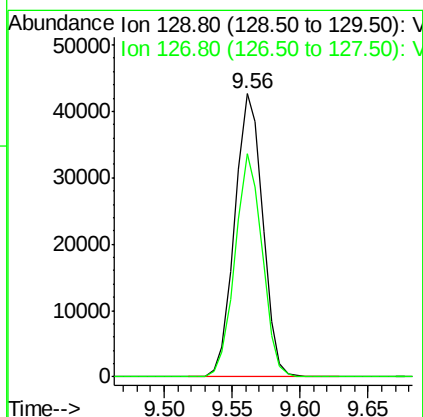
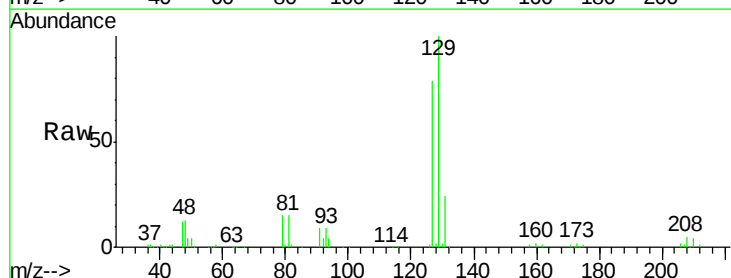
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

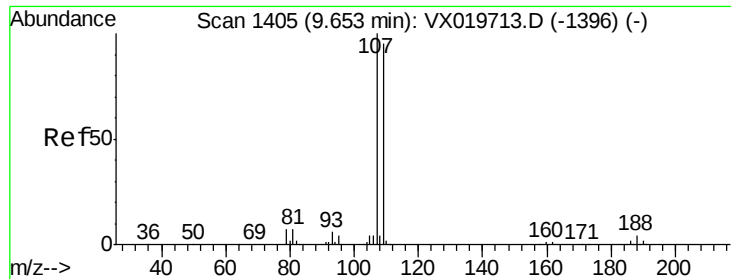
Tgt Ion: 43 Resp: 313233
Ion Ratio Lower Upper
43 100
58 60.7 30.9 92.8



#60
Dibromochloromethane
Concen: 19.126 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 129 Resp: 61194
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.422 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

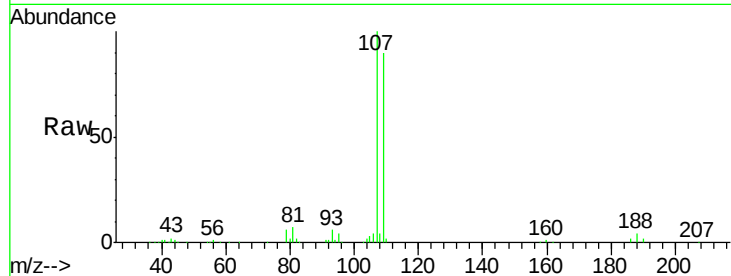
VX1212WBS01

Tgt Ion: 107 Resp: 64947

Ion Ratio Lower Upper

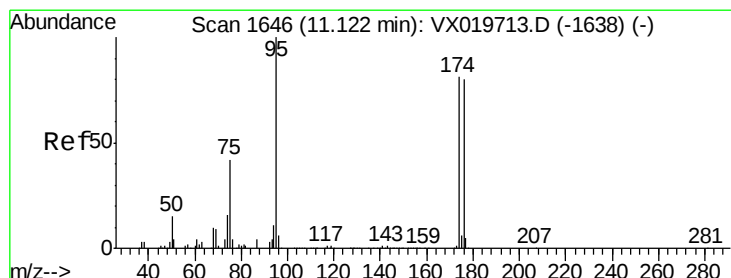
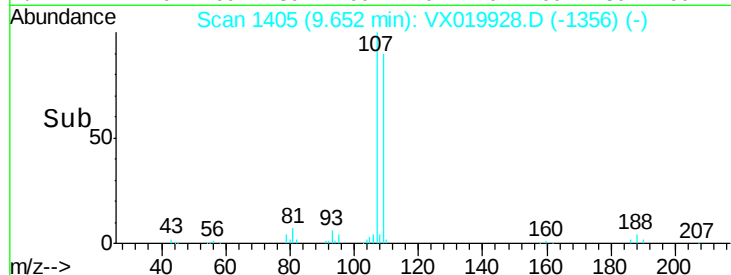
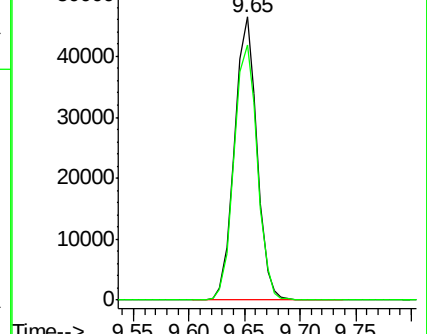
107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.863 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

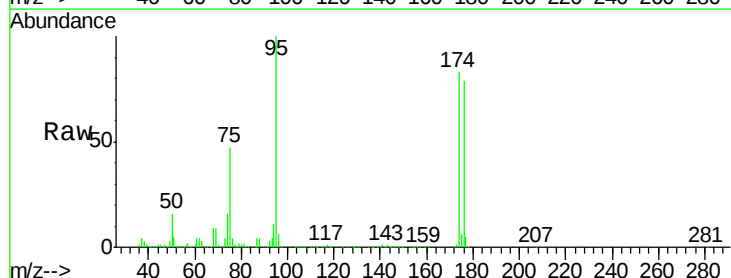
Tgt Ion: 95 Resp: 203454

Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.6

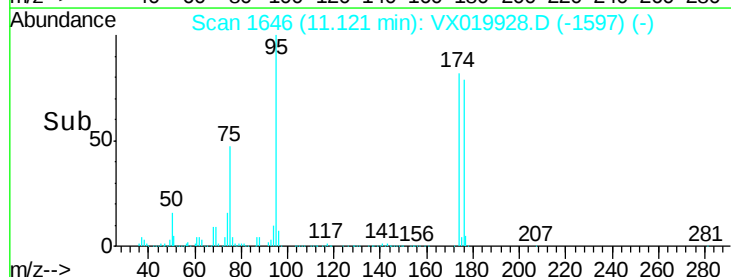
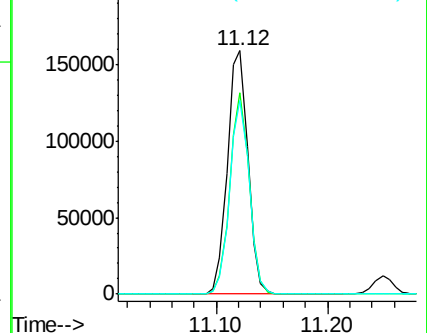
176 75.9 0.0 155.8

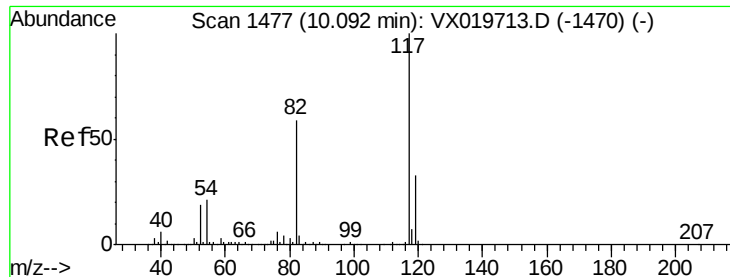


Abundance Ion 94.90 (94.60 to 95.60): VX0

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. 0.01 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

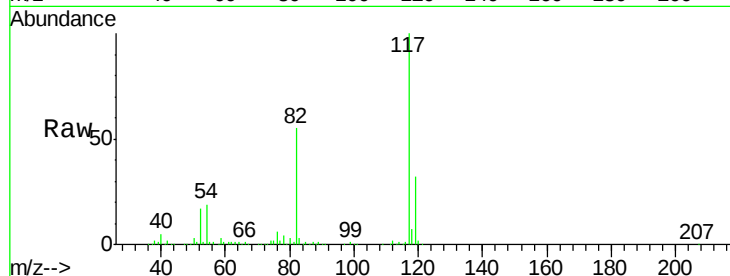
Tgt Ion:117 Resp: 419095

Ion Ratio Lower Upper

117 100

82 54.6 47.4 71.2

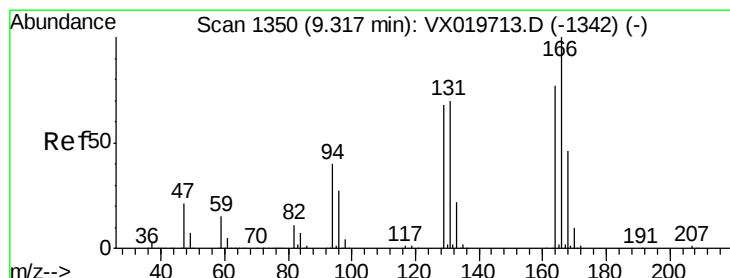
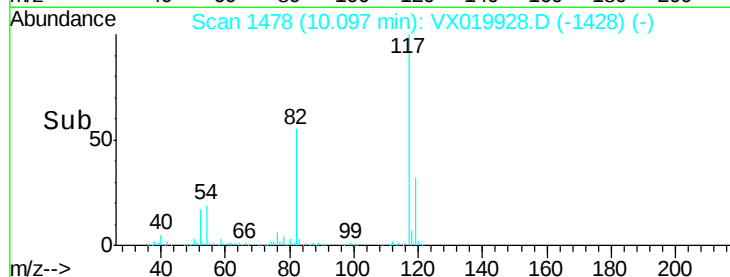
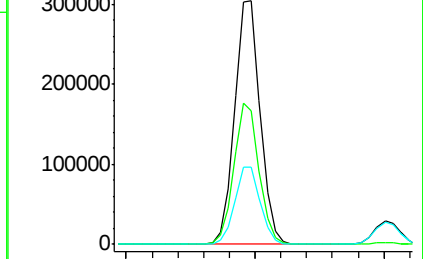
119 31.9 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.744 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Tgt Ion:164 Resp: 58302

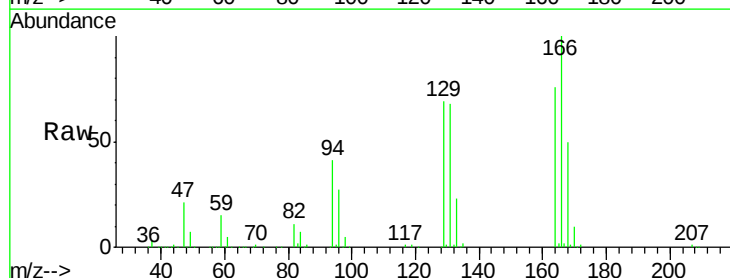
Ion Ratio Lower Upper

164 100

166 131.2 103.4 155.2

129 89.9 70.8 106.2

131 89.4 72.5 108.7

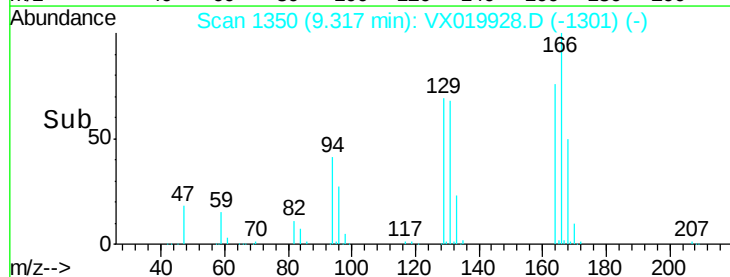
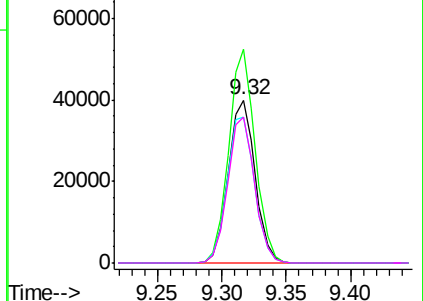


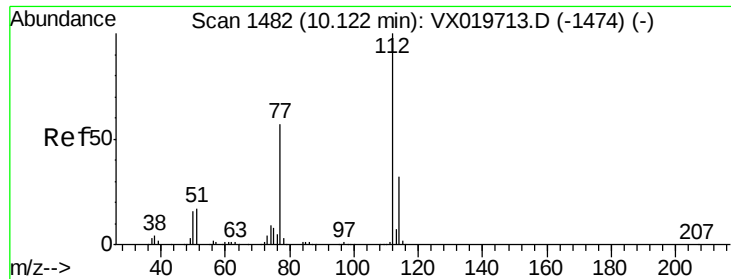
Abundance Ion 163.80 (163.50 to 164.50): V

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

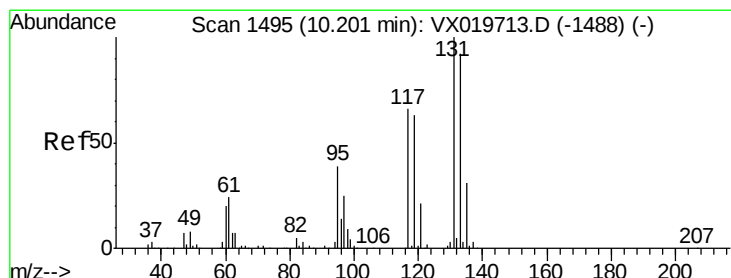
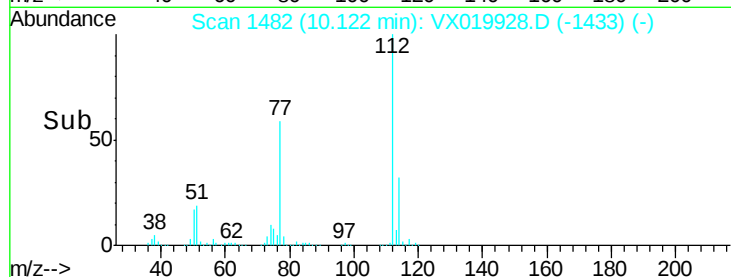
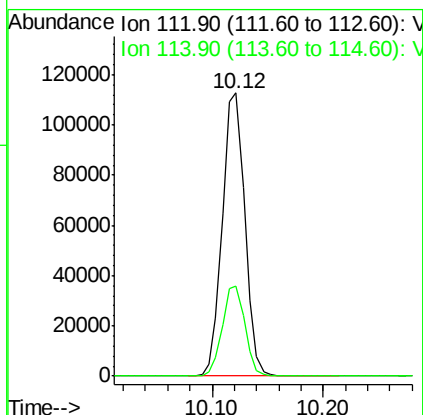
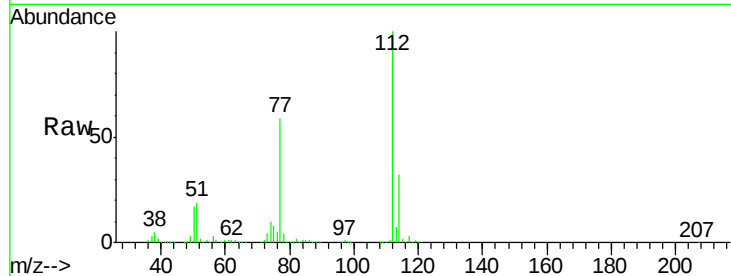




#65
Chlorobenzene
Concen: 18.943 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

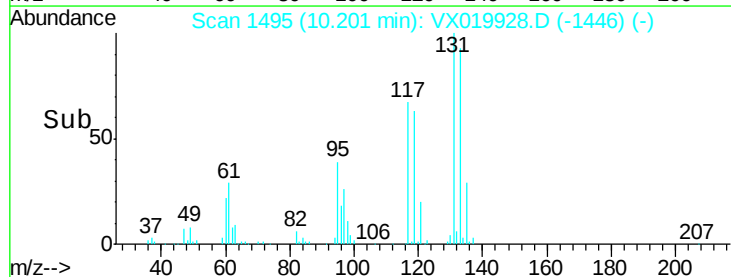
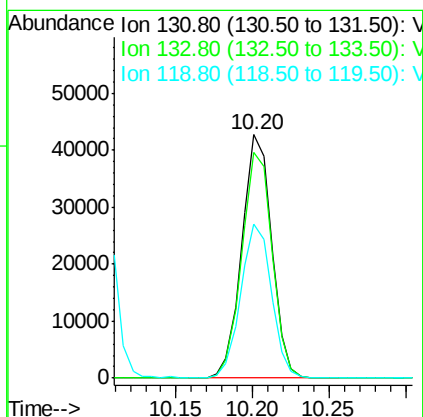
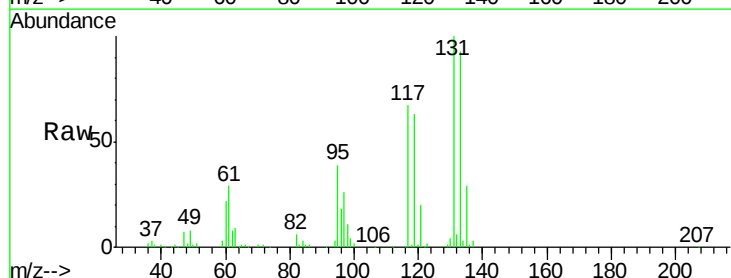
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

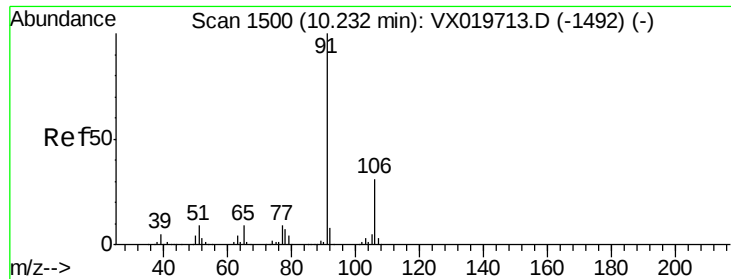
Tgt Ion:112 Resp: 158163
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.323 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion:131 Resp: 58070
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 64.8 32.1 96.5





#67

Ethyl Benzene

Concen: 19.086 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

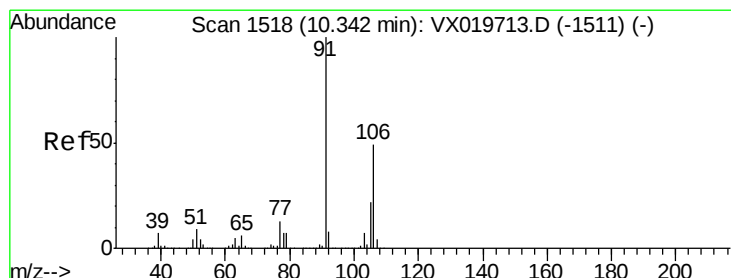
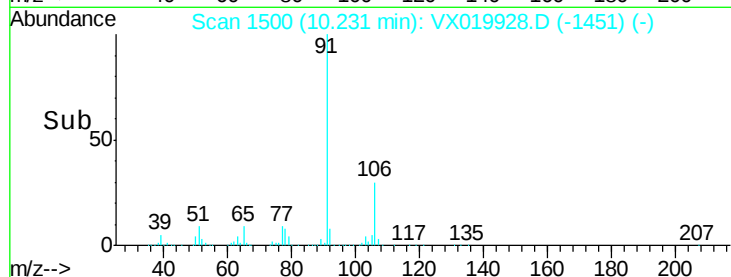
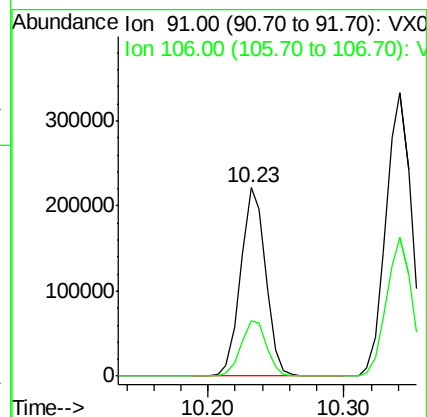
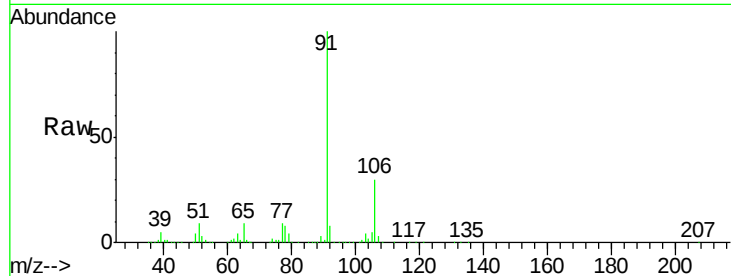
VX1212WBS01

Tgt Ion: 91 Resp: 282874

Ion Ratio Lower Upper

91 100

106 29.8 24.6 37.0



#68

m/p-Xylenes

Concen: 37.771 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019928.D

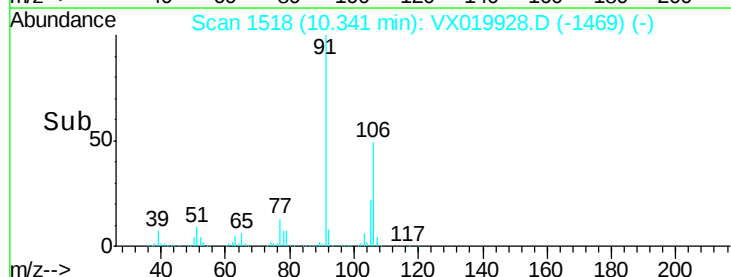
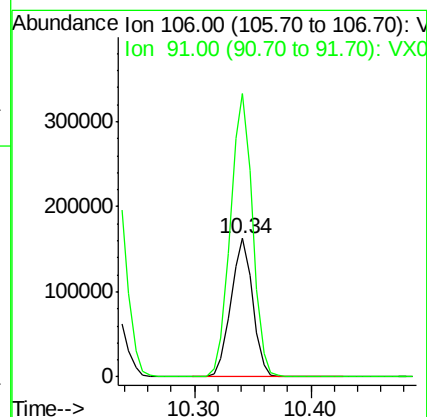
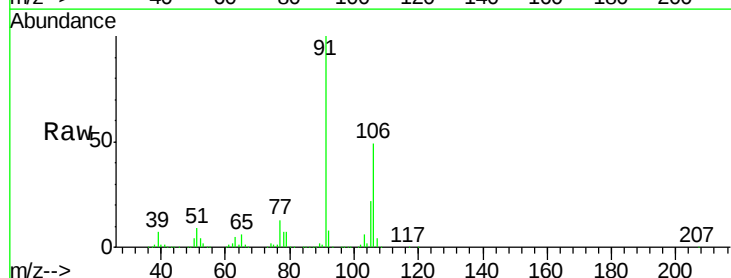
Acq: 12 Dec 2020 13:35

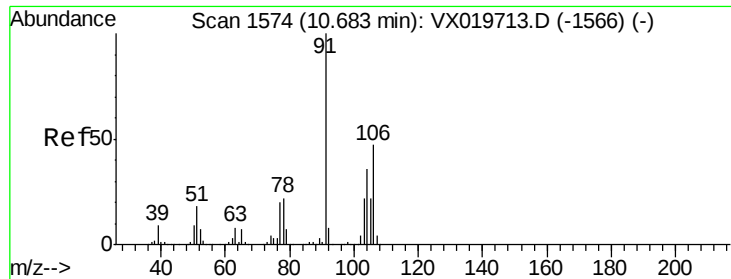
Tgt Ion: 106 Resp: 210942

Ion Ratio Lower Upper

106 100

91 207.1 162.8 244.2

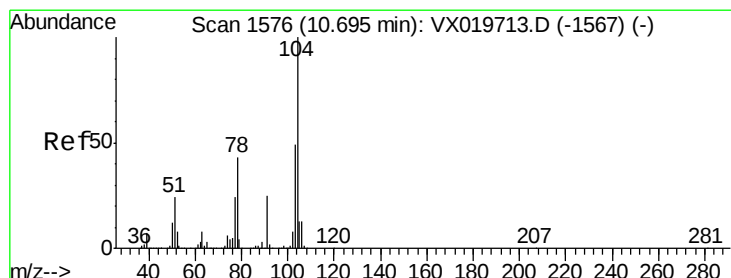
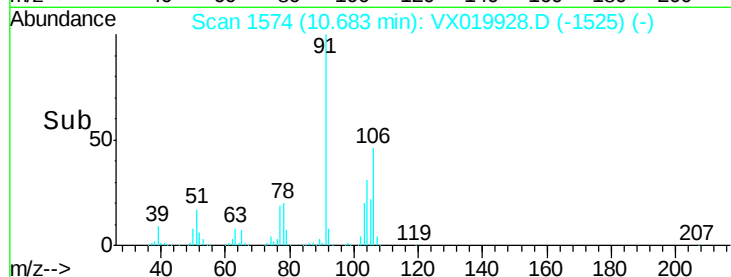
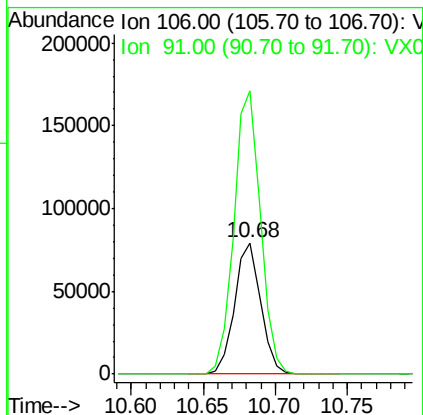
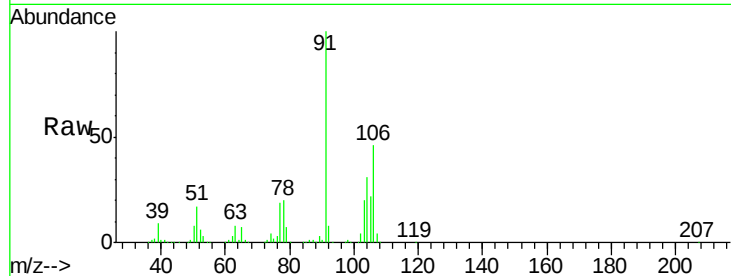




#69
o-Xylene
Concen: 18.713 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

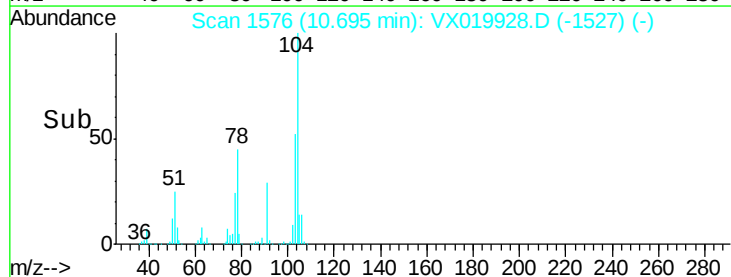
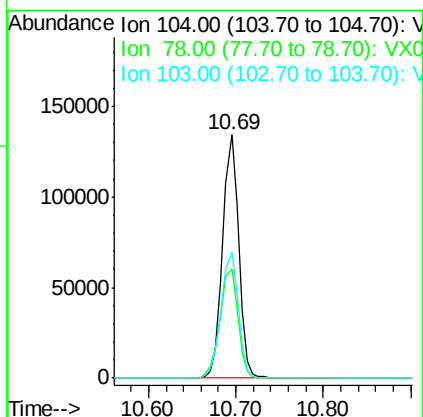
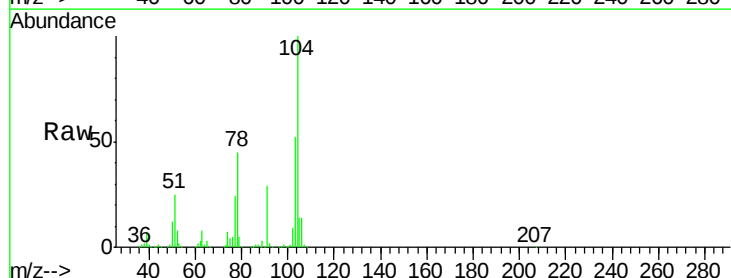
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

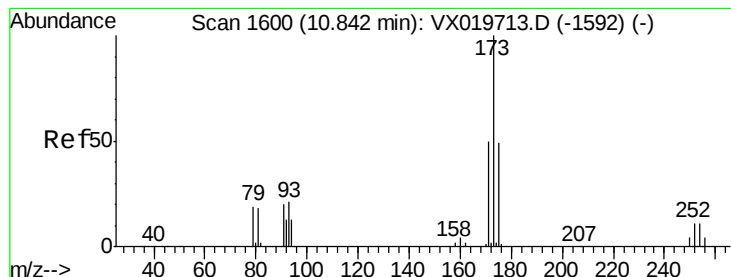
Tgt Ion:106 Resp: 100531
Ion Ratio Lower Upper
106 100
91 219.9 108.1 324.2



#70
Styrene
Concen: 18.737 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion:104 Resp: 169897
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.6 43.4 65.0





#71

Bromoform

Concen: 18.114 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

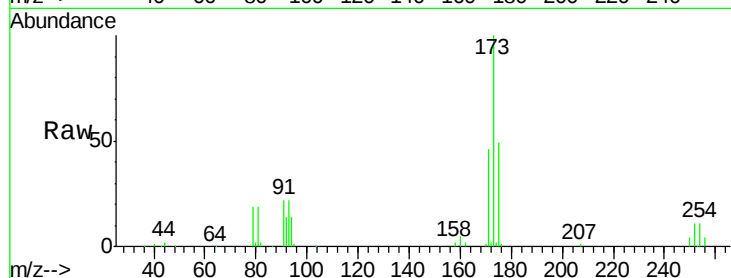
Tgt Ion:173 Resp: 42823

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

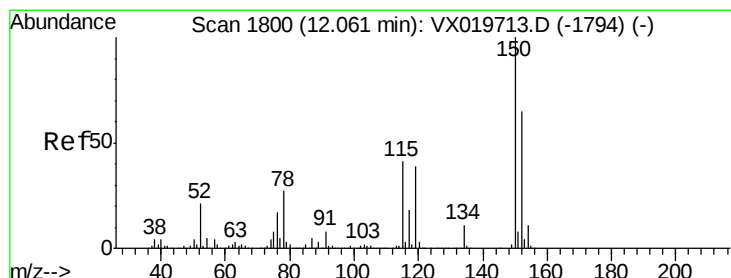
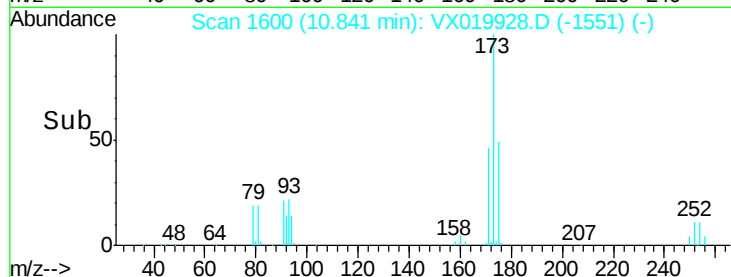
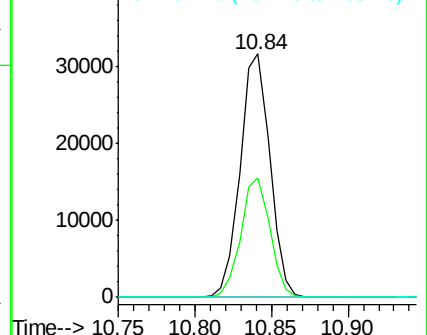
254 0.0 0.1 0.1#



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: VX019928.D

Acq: 12 Dec 2020 13:35

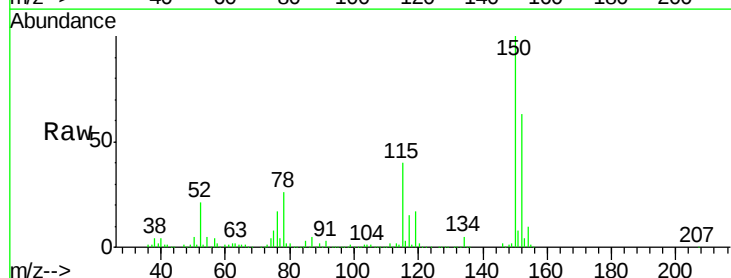
Tgt Ion:152 Resp: 201817

Ion Ratio Lower Upper

152 100

115 69.6 41.1 123.3

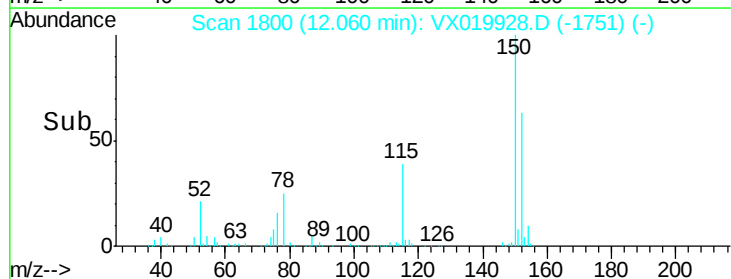
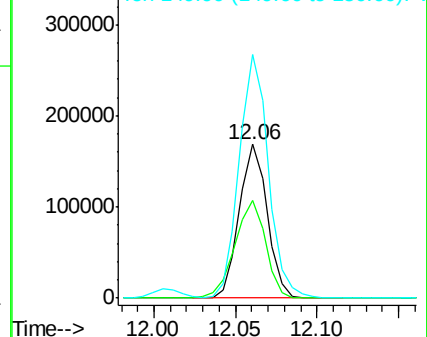
150 165.6 0.0 349.0

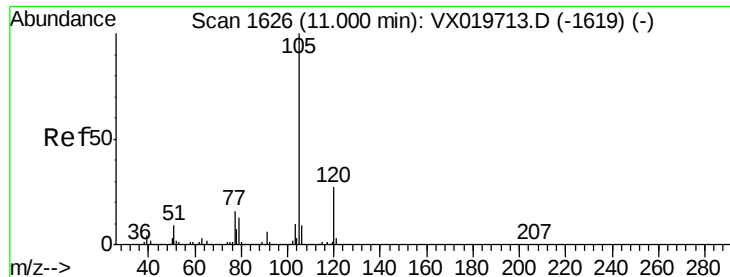


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.190 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

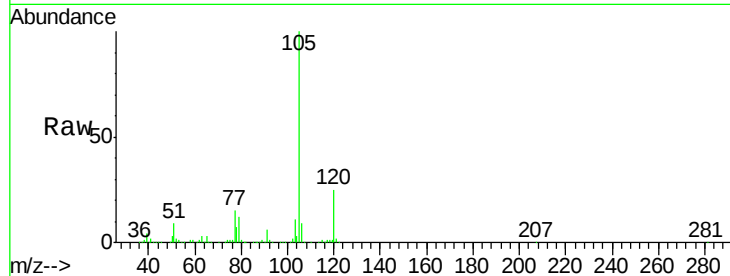
VX1212WBS01

Tgt Ion: 105 Resp: 278383

Ion Ratio Lower Upper

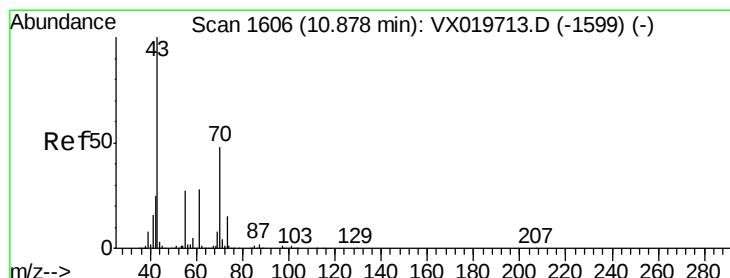
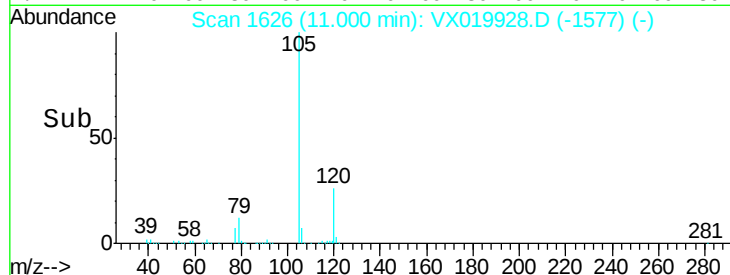
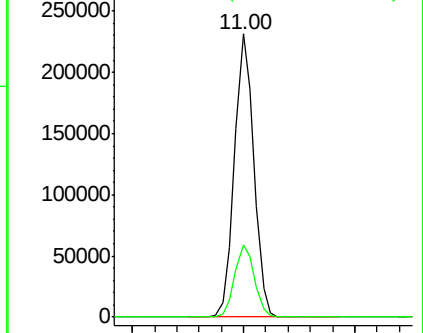
105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.543 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Tgt Ion: 43 Resp: 102456

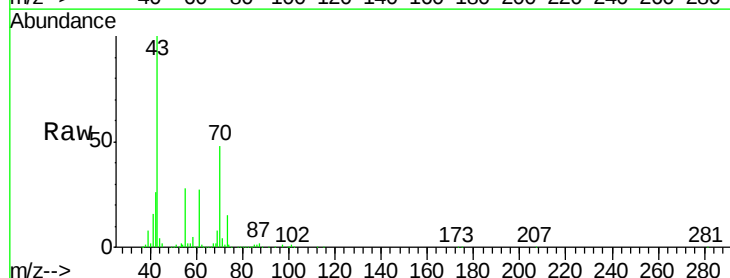
Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.6

55 28.2 21.5 32.3

61 27.1 22.1 33.1

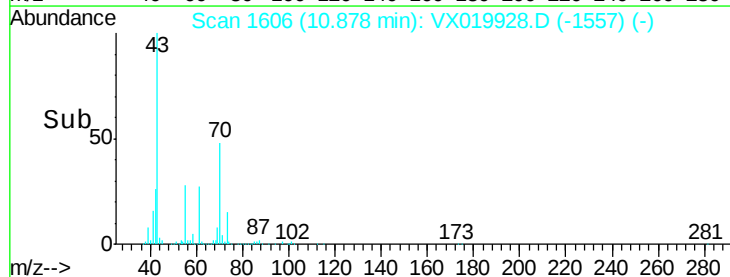
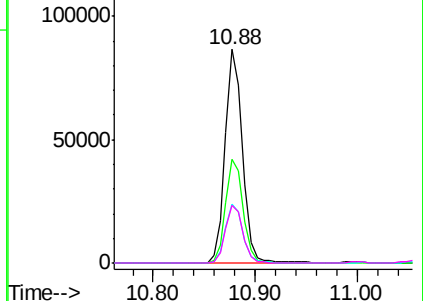


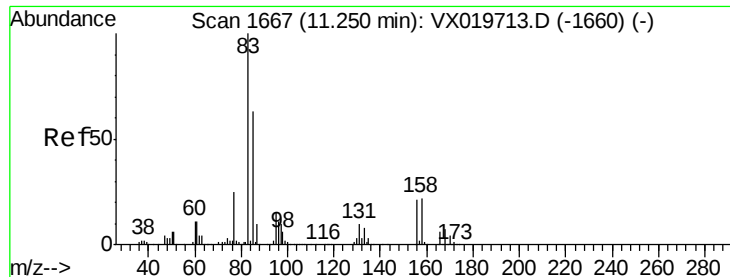
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.075 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

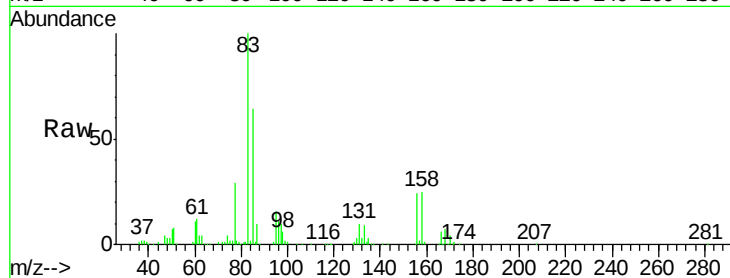
Tgt Ion: 83 Resp: 97586

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

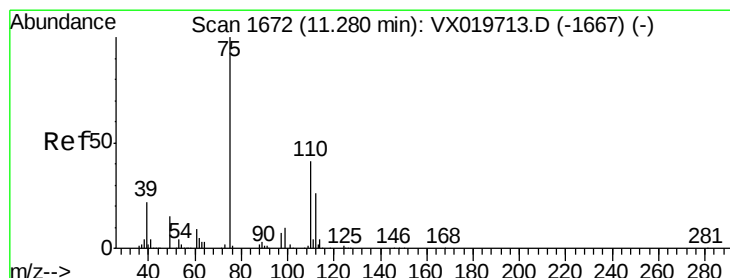
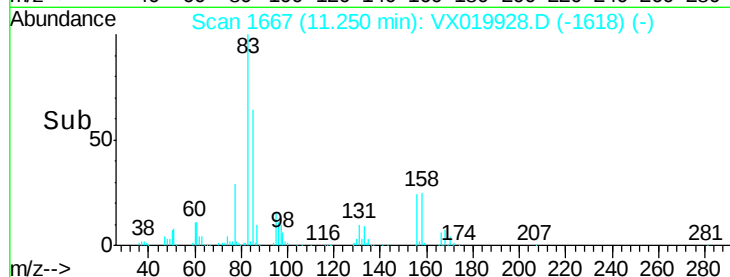
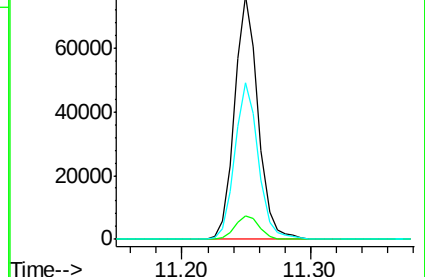
85 64.5 31.8 95.4



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: 23.934 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019928.D

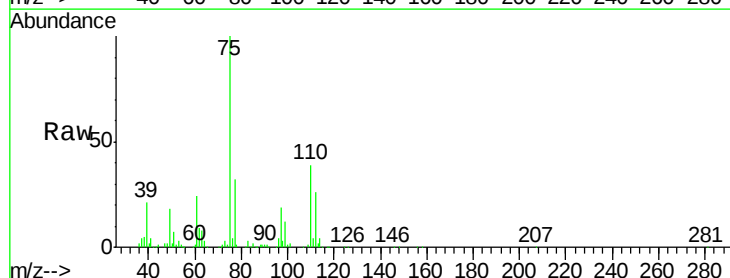
Acq: 12 Dec 2020 13:35

Tgt Ion: 75 Resp: 108336

Ion Ratio Lower Upper

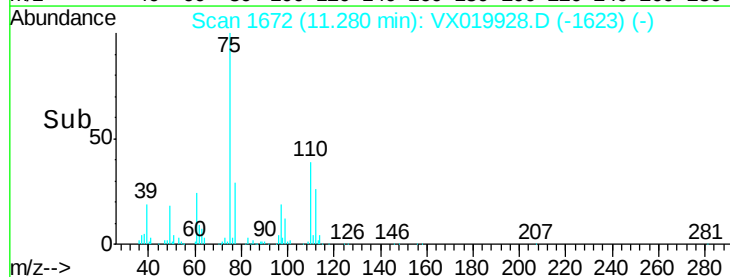
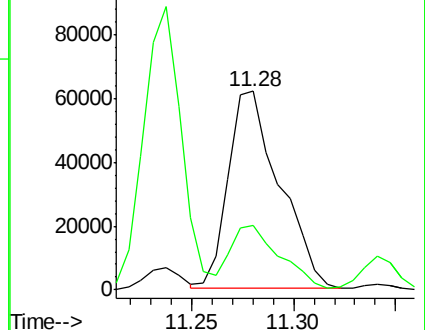
75 100

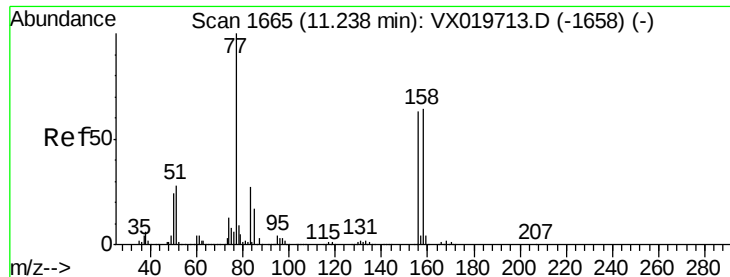
77 31.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.715 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

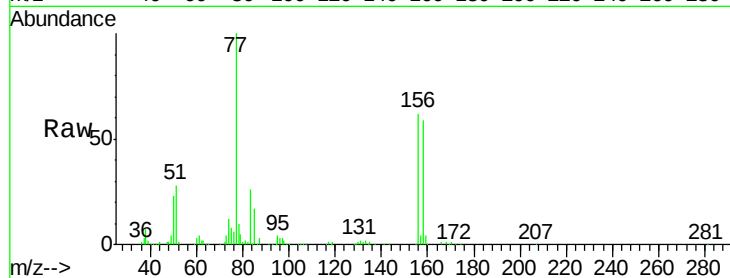
Tgt Ion:156 Resp: 69563

Ion Ratio Lower Upper

156 100

77 165.2 82.8 248.6

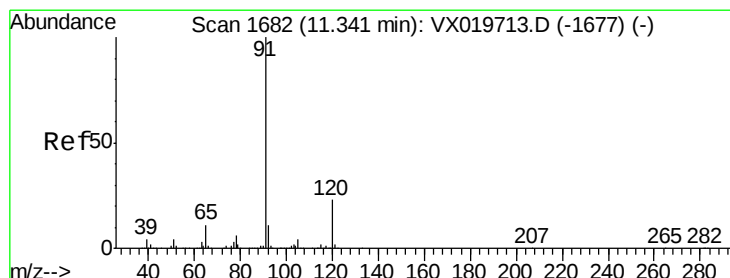
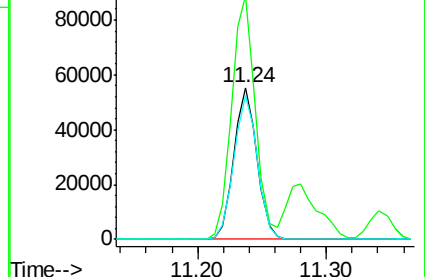
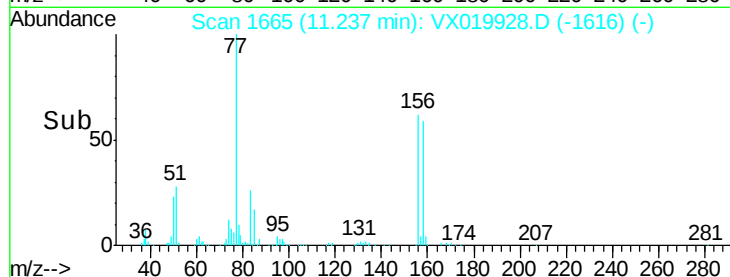
158 96.5 49.1 147.4



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: 20.224 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019928.D

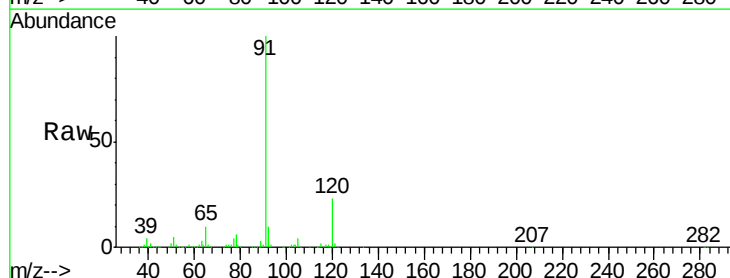
Acq: 12 Dec 2020 13:35

Tgt Ion: 91 Resp: 318481

Ion Ratio Lower Upper

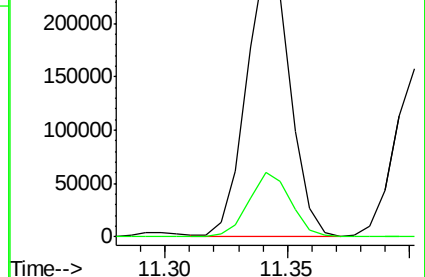
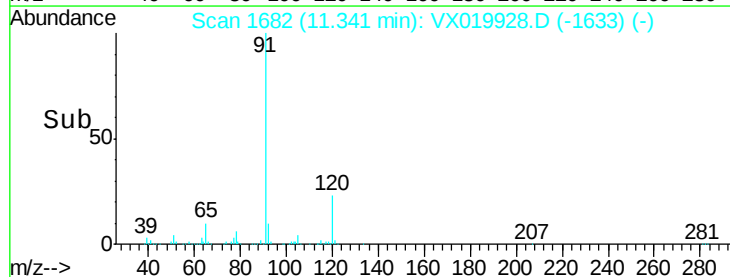
91 100

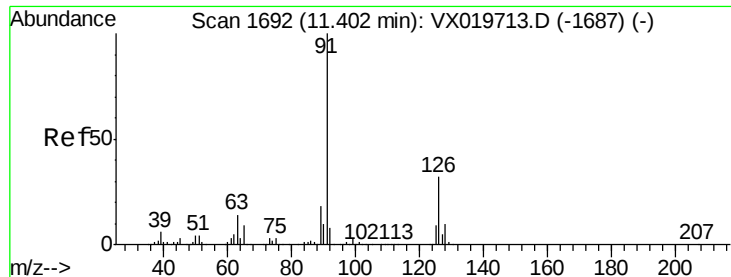
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

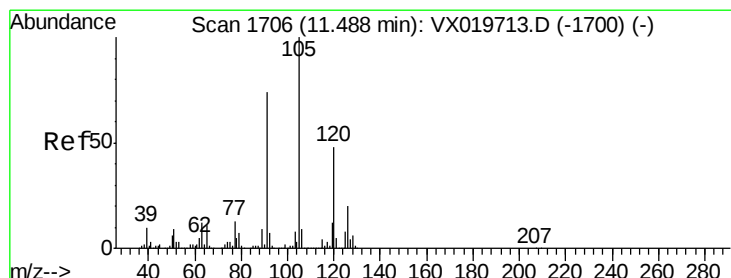
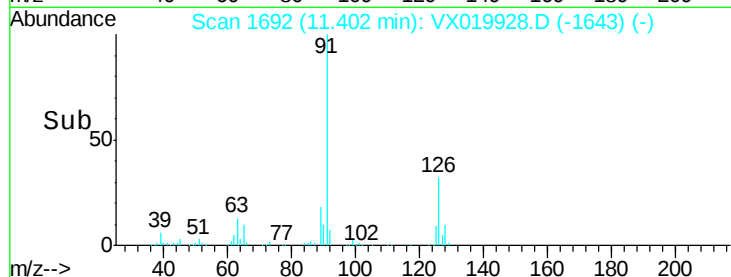
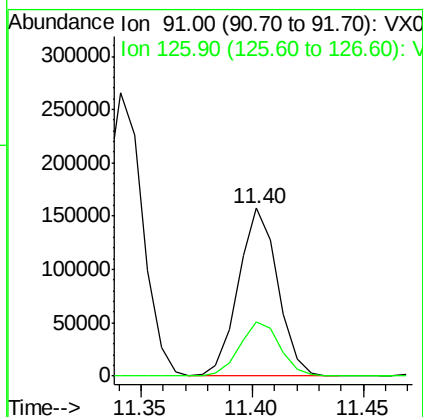
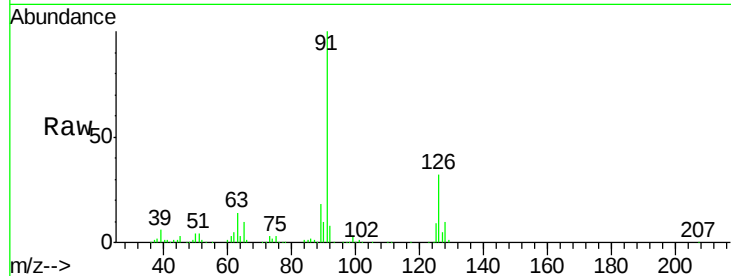




#79
 2-Chlorotoluene
 Concen: 19.861 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

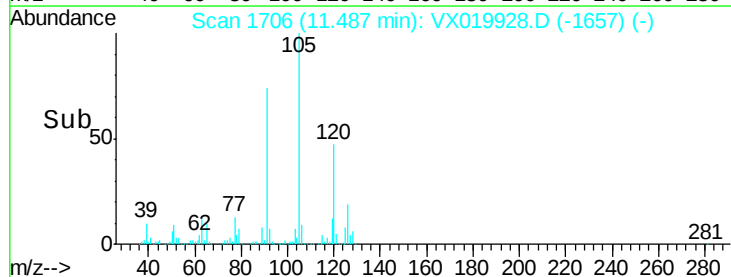
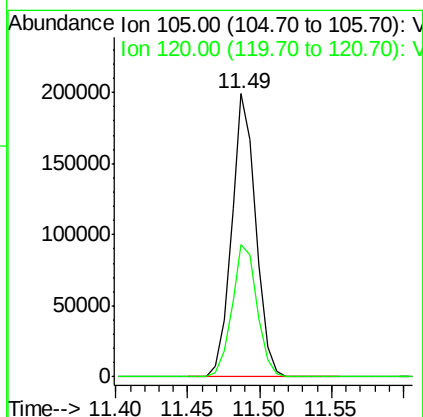
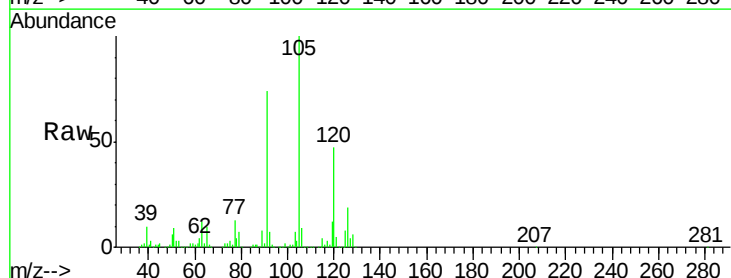
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

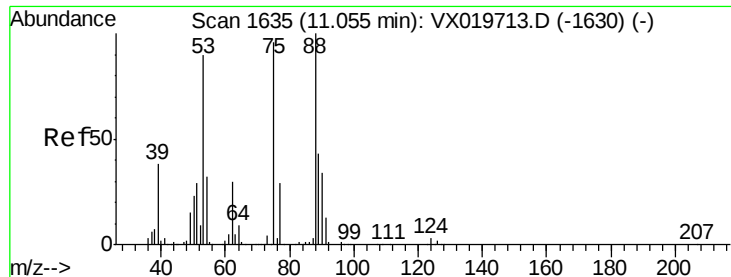
Tgt Ion: 91 Resp: 192606
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion: 105 Resp: 233084
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.750 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

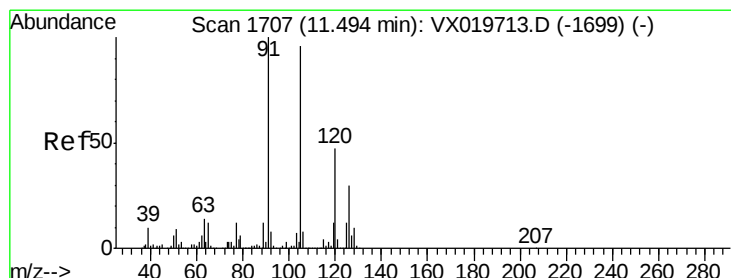
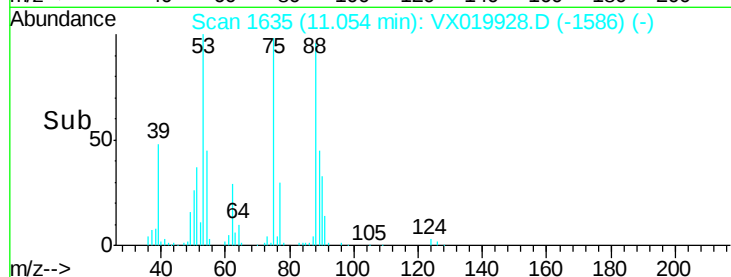
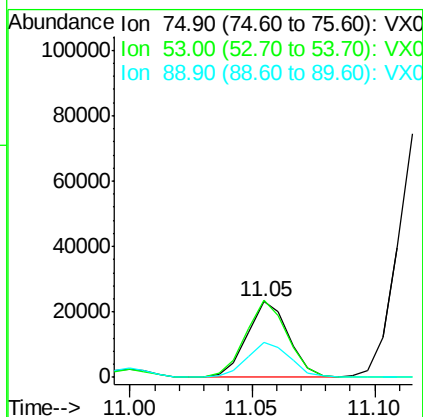
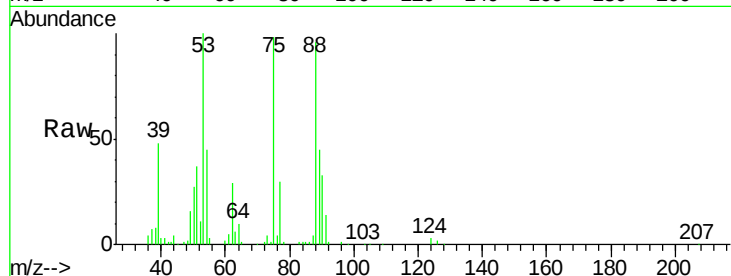
Tgt Ion: 75 Resp: 27792

Ion Ratio Lower Upper

75 100

53 101.7 74.5 111.7

89 47.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.858 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019928.D

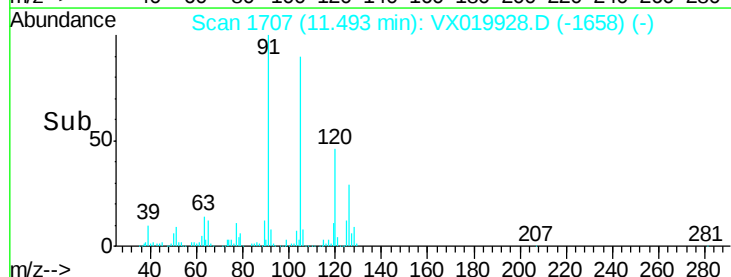
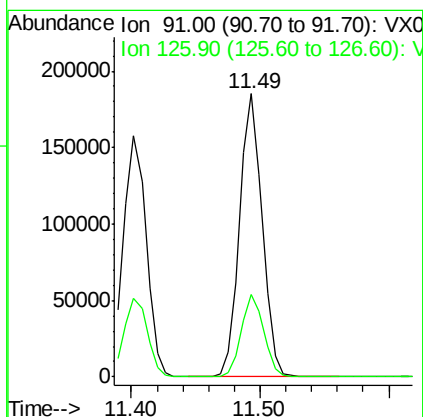
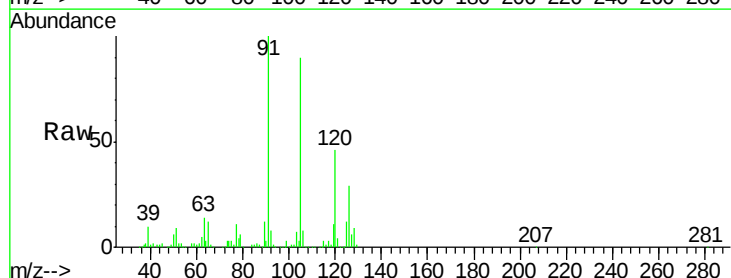
Acq: 12 Dec 2020 13:35

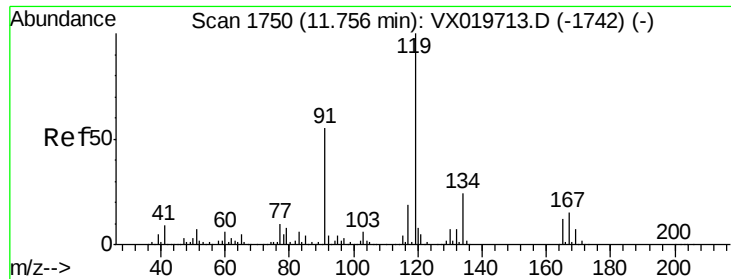
Tgt Ion: 91 Resp: 225544

Ion Ratio Lower Upper

91 100

126 28.7 14.9 44.5

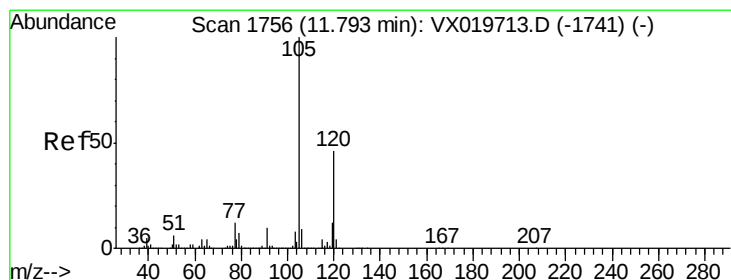
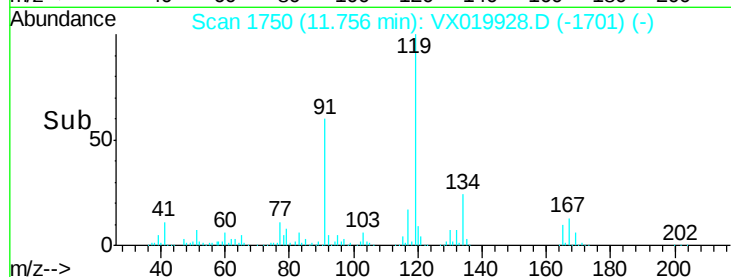
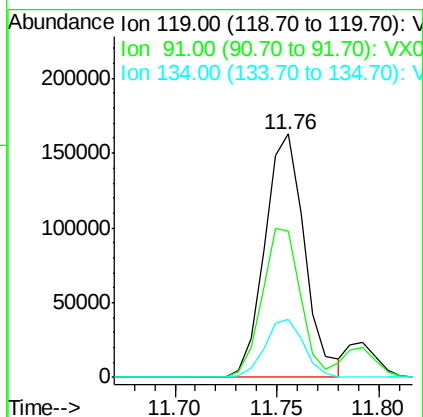
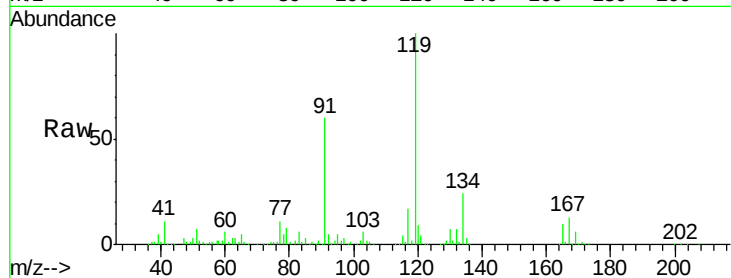




#83
 tert-Butylbenzene
 Concen: 19.387 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

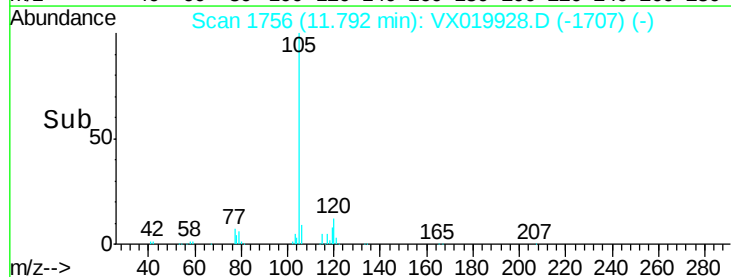
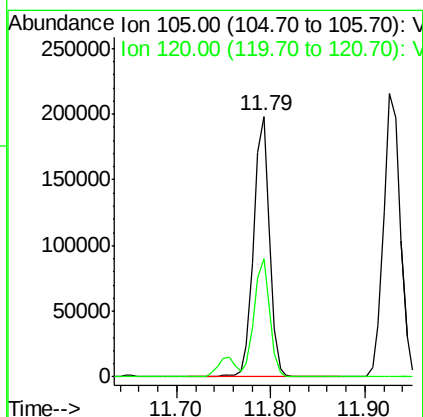
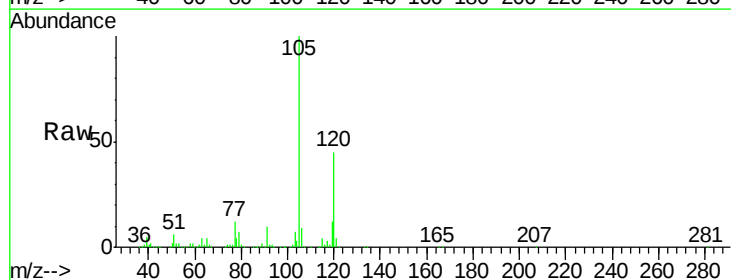
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

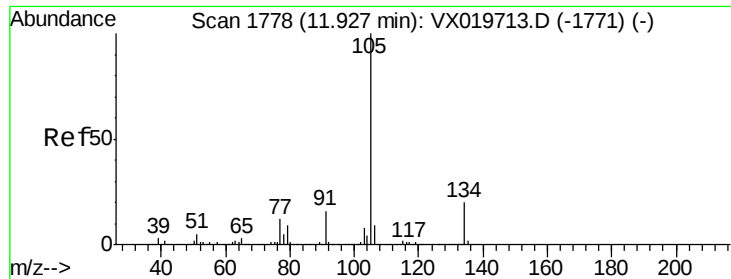
Tgt Ion:119 Resp: 221254
 Ion Ratio Lower Upper
 119 100
 91 59.0 27.9 83.7
 134 23.2 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.157 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion:105 Resp: 236275
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

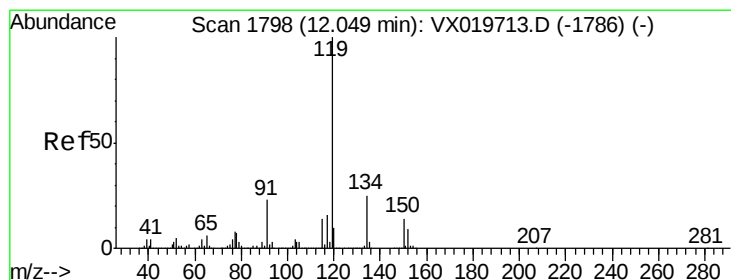
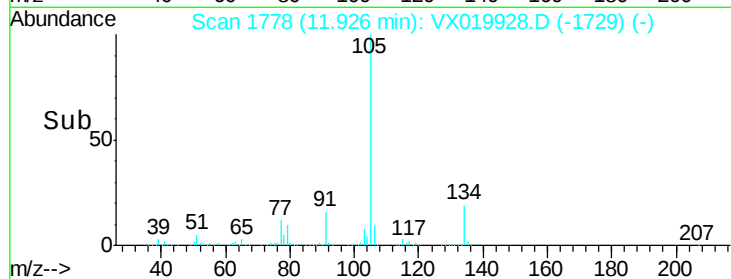
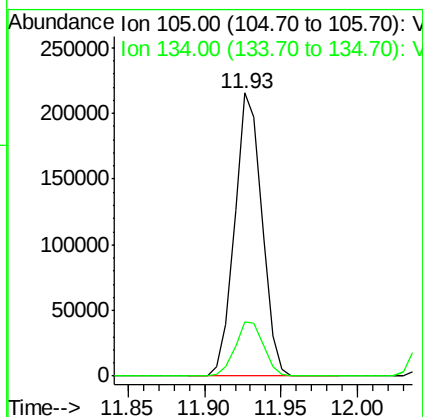
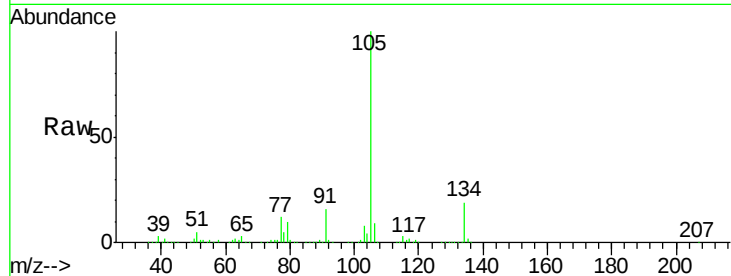




#85
 sec-Butylbenzene
 Concen: 20.394 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

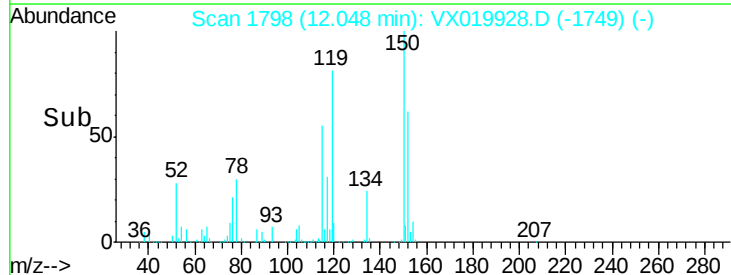
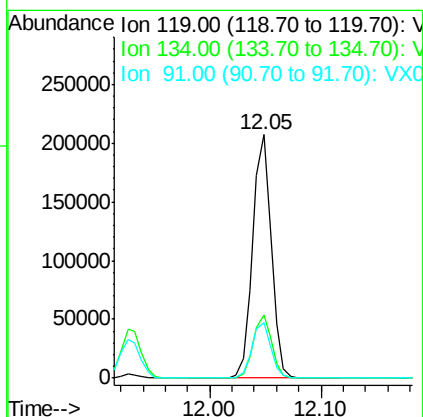
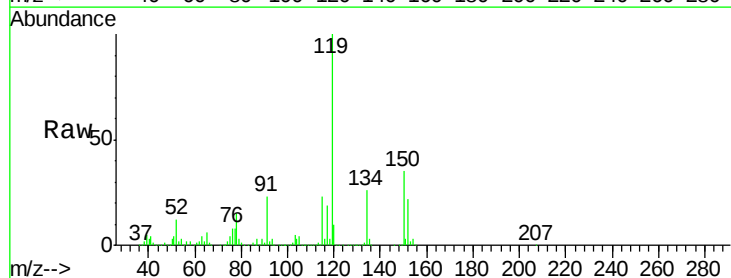
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

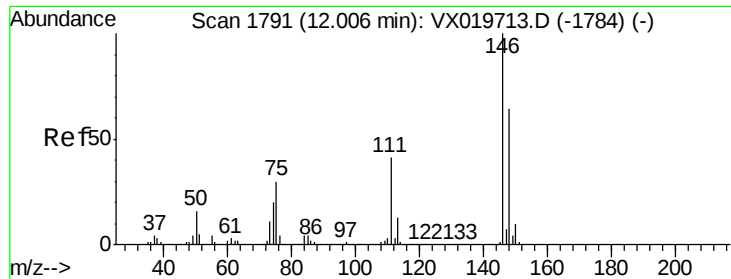
Tgt Ion:105 Resp: 265731
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.200 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion:119 Resp: 241229
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.134 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

VX1212WBS01

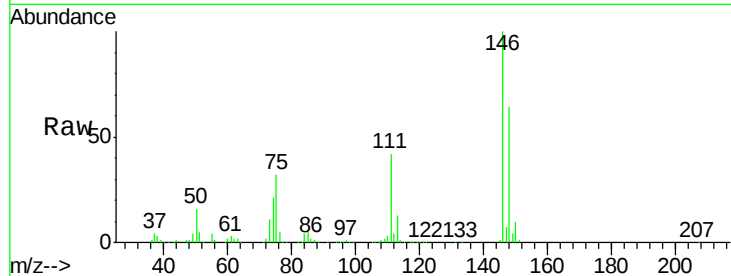
Tgt Ion:146 Resp: 123913

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

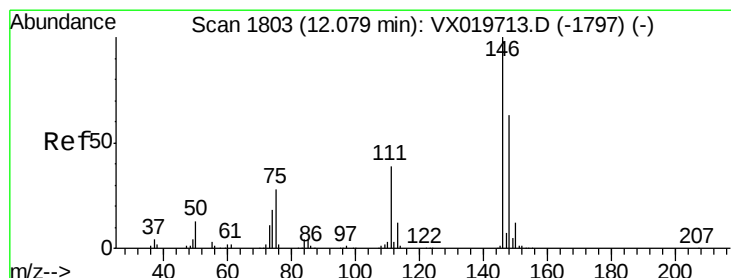
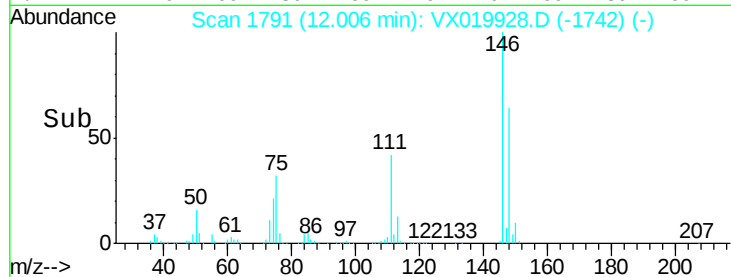
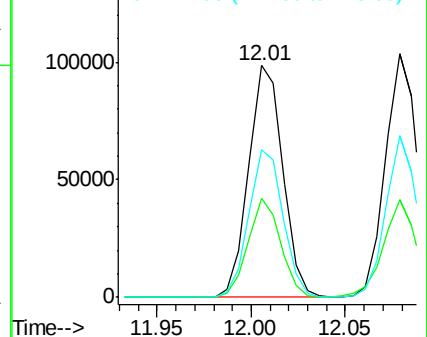
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.917 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

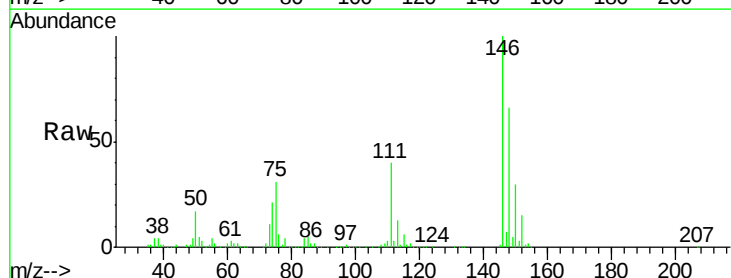
Tgt Ion:146 Resp: 124778

Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.8

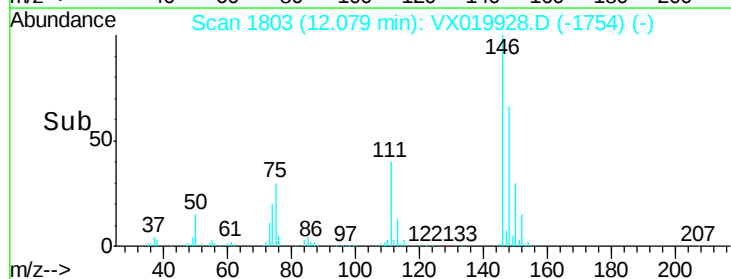
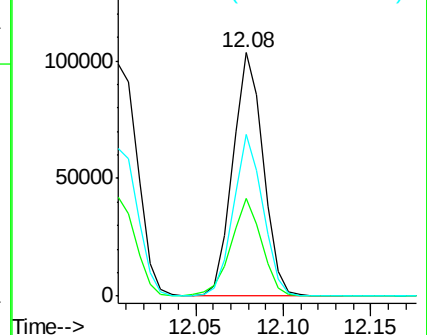
148 65.0 31.6 95.0

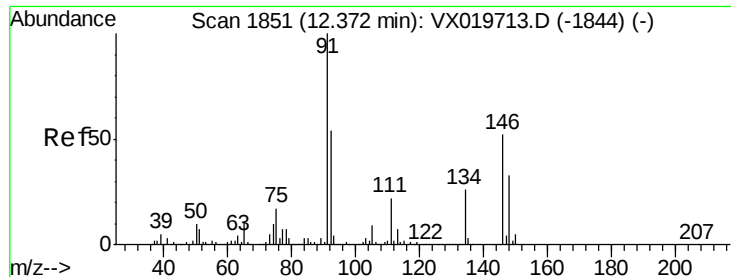


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

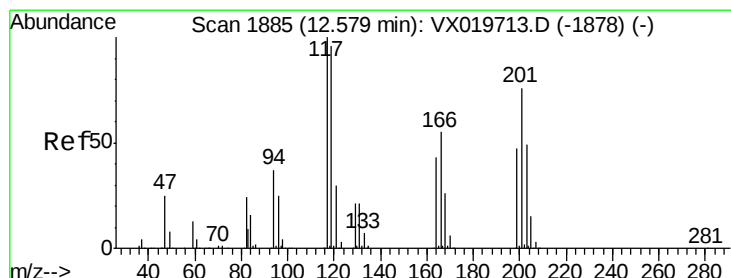
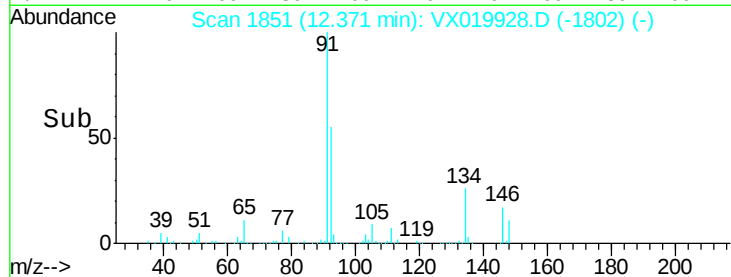
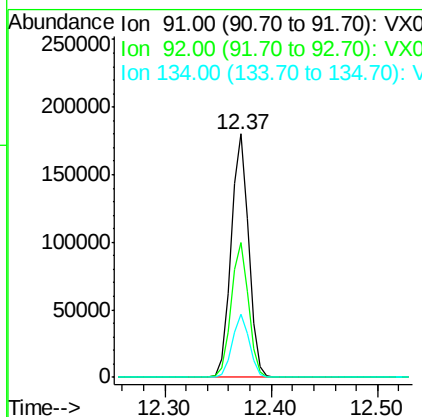
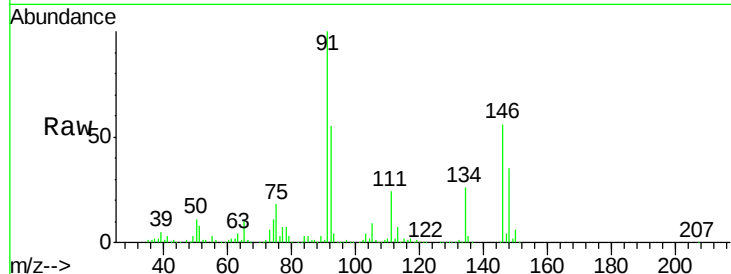




#89
n-Butylbenzene
Concen: 19.704 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

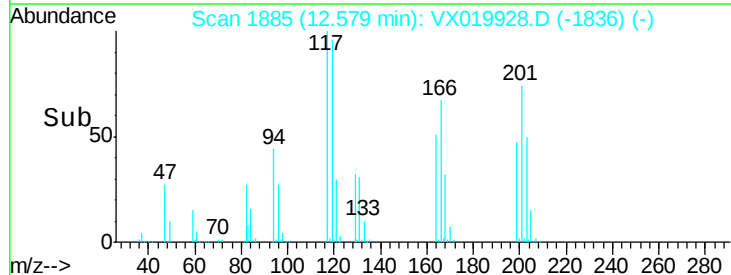
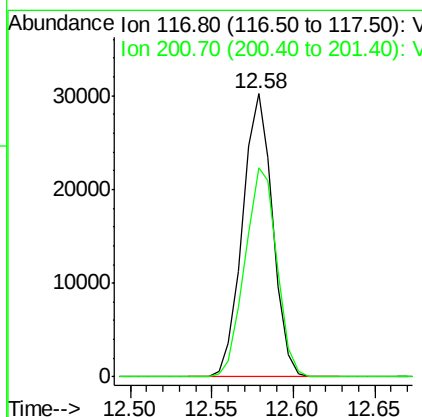
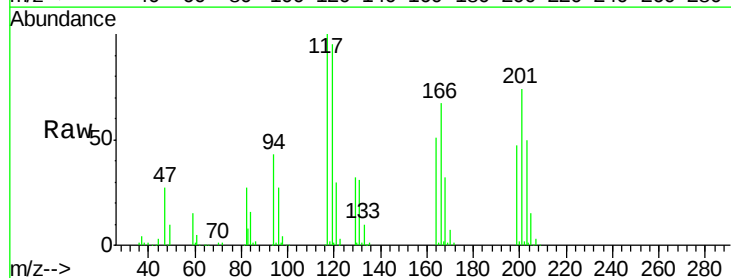
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

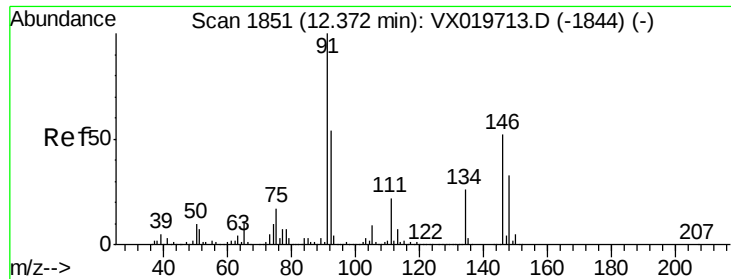
Tgt Ion: 91 Resp: 208472
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.3 13.2 39.5



#90
Hexachloroethane
Concen: 18.858 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019928.D
Acq: 12 Dec 2020 13:35

Tgt Ion: 117 Resp: 38879
Ion Ratio Lower Upper
117 100
201 78.0 40.4 121.2

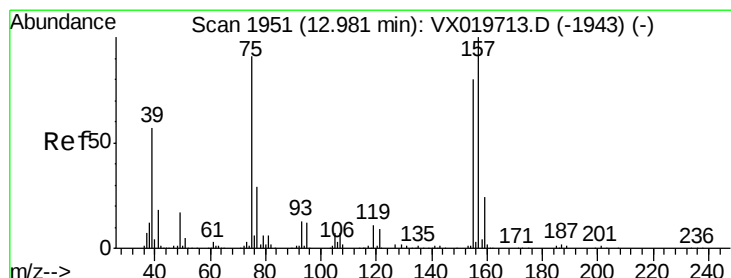
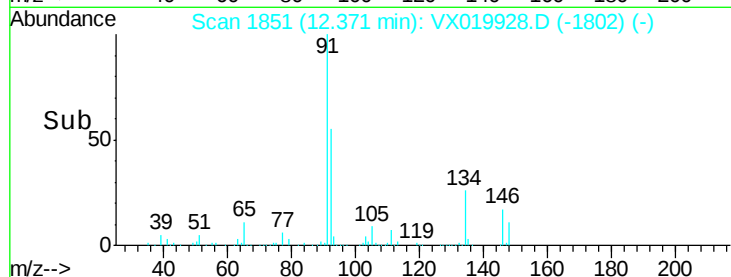
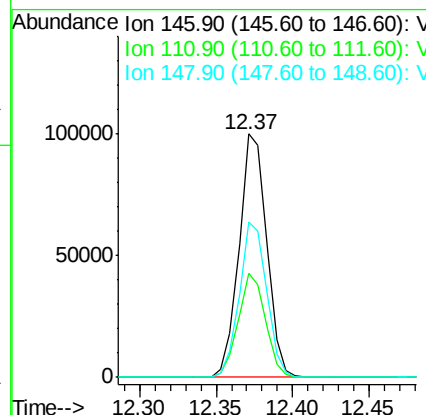
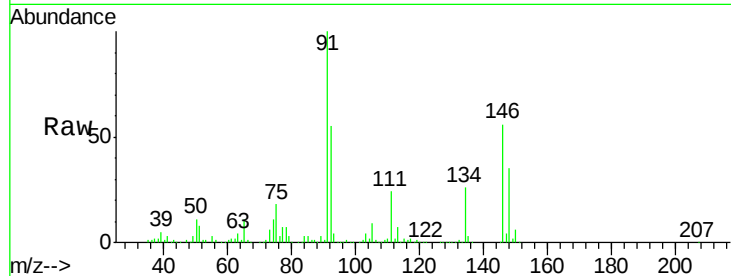




#91
 1,2-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

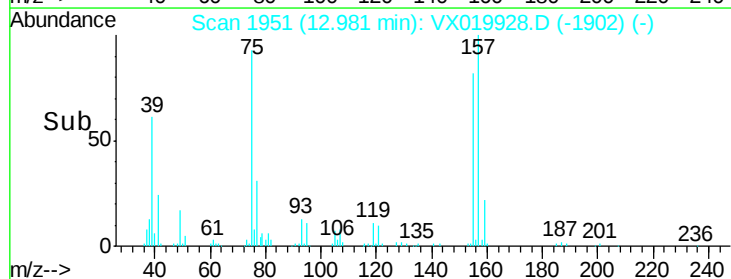
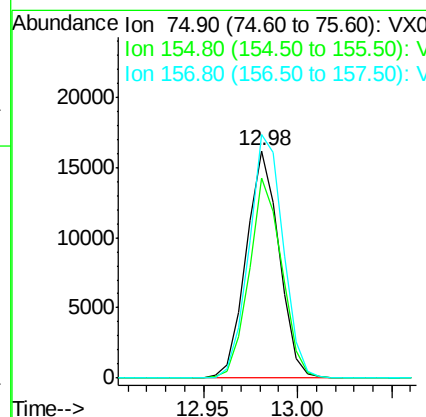
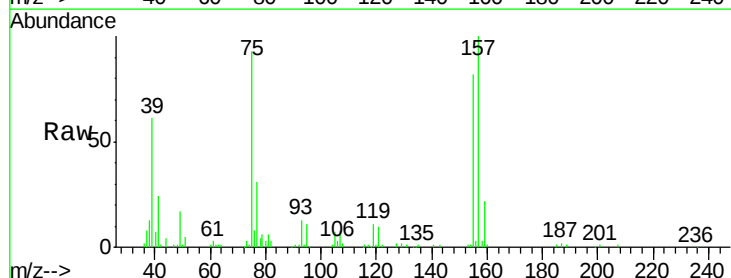
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

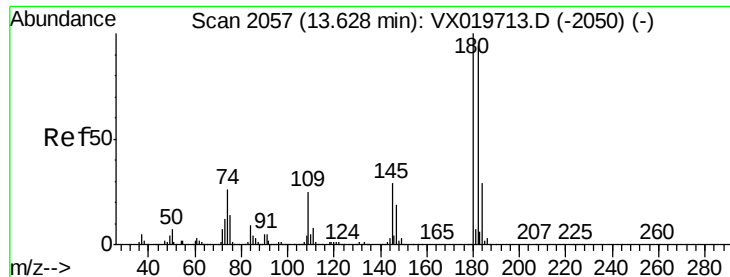
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.693 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	45.3	135.9
157	111.3	57.7	173.1

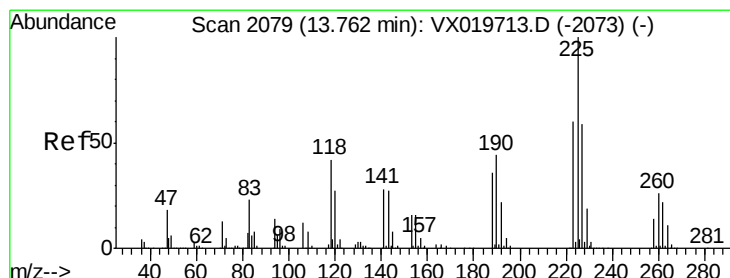
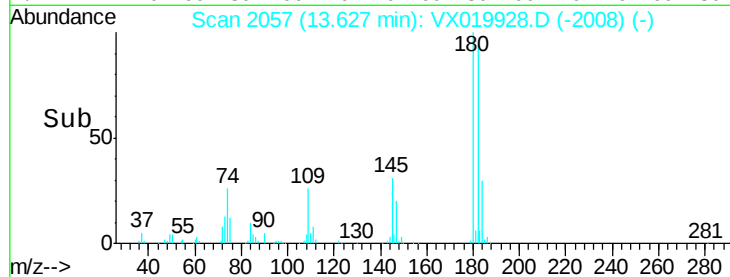
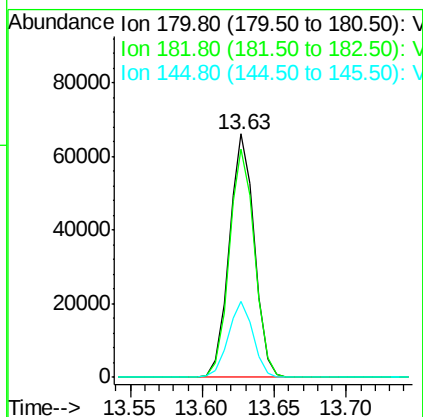
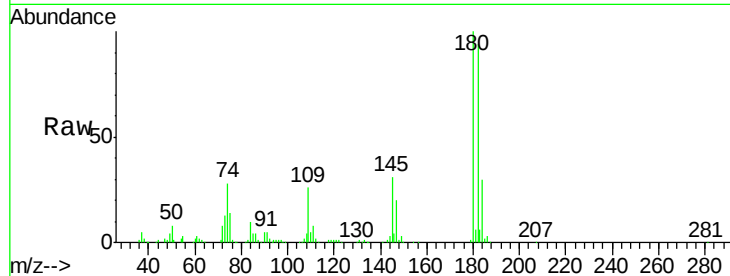




#93
 1,2,4-Trichlorobenzene
 Concen: 19.750 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

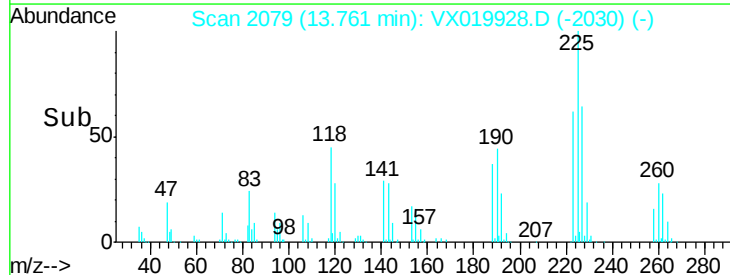
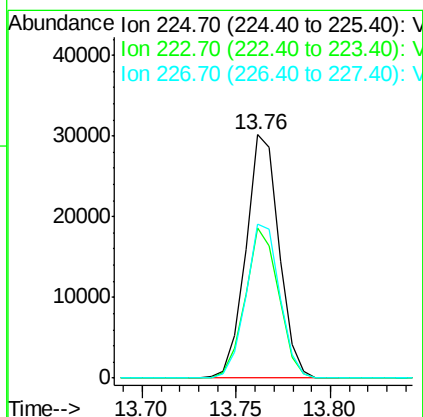
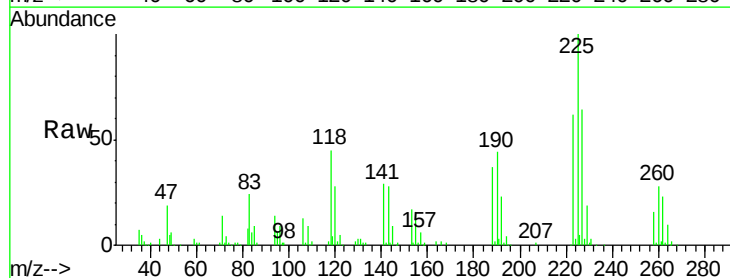
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

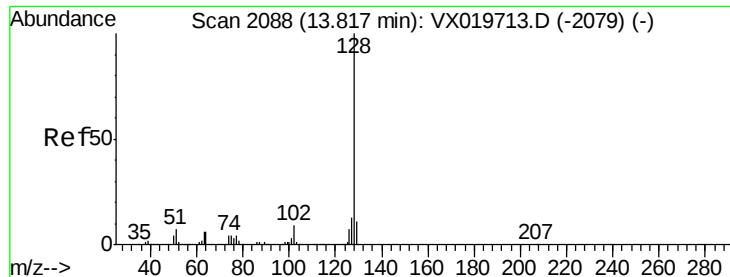
Tgt Ion:180 Resp: 81165
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.7 143.1
 145 30.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.056 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019928.D
 Acq: 12 Dec 2020 13:35

Tgt Ion:225 Resp: 36838
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 64.6 31.6 95.0





#95

Naphthalene

Concen: 19.287 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

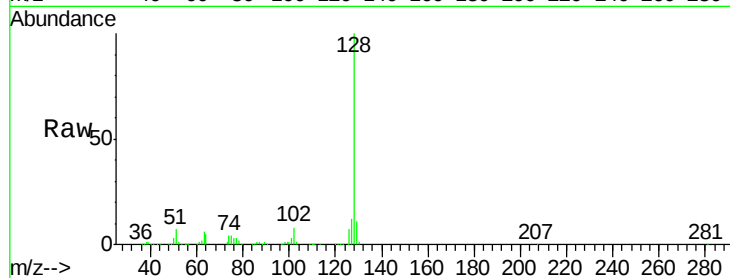
Tgt Ion:128 Resp: 256966

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

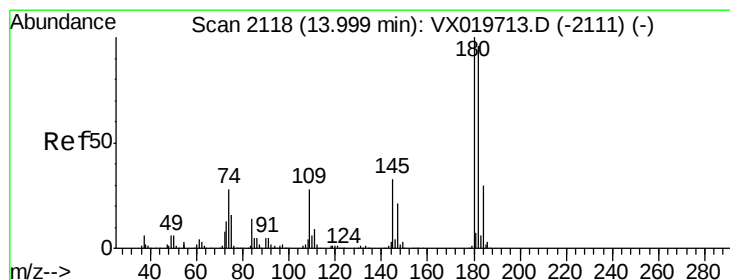
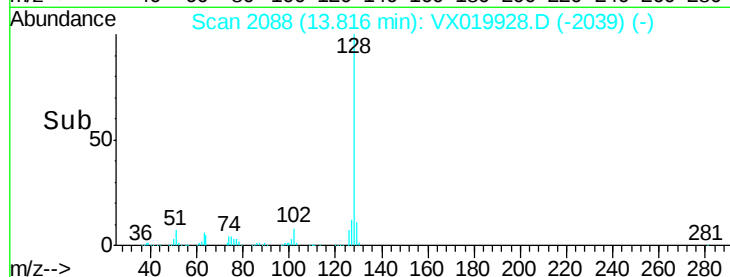
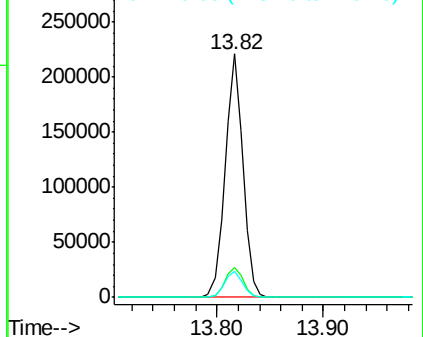
129 10.9 8.8 13.2



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: 19.952 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019928.D

Acq: 12 Dec 2020 13:35

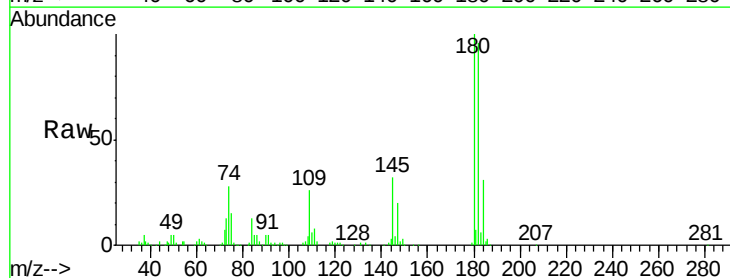
Tgt Ion:180 Resp: 80133

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 32.3 16.1 48.3



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

