

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX0120IC.D
 Acq On : 02 Sep 2019 12:00
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 04:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	405546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	539918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	495035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295256	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	17691	4.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.18%	
35) Dibromofluoromethane	5.48	113	15790	4.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.06%	
50) Toluene-d8	8.71	98	61243	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
62) 4-Bromofluorobenzene	11.13	95	25210	4.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	12196	4.948	ug/l	99
3) Chloromethane	1.31	50	12482	4.495	ug/l	97
4) Vinyl Chloride	1.40	62	12127	4.526	ug/l	100
5) Bromomethane	1.63	94	10671	5.735	ug/l	99
6) Chloroethane	1.72	64	8282	4.973	ug/l	94
7) Trichlorofluoromethane	1.92	101	21804	4.660	ug/l	96
8) Diethyl Ether	2.17	74	6890	4.354	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12896	4.237	ug/l	96
10) Methyl Iodide	2.50	142	11221	3.957	ug/l	96
11) Tert butyl alcohol	3.02	59	7905	21.869	ug/l	99
12) 1,1-Dichloroethene	2.36	96	12015	4.265	ug/l	96
13) Acrolein	2.28	56	3386	19.399	ug/l	93
14) Allyl chloride	2.72	41	22160	4.269	ug/l	98
15) Acrylonitrile	3.13	53	16512	19.297	ug/l	96
16) Acetone	2.42	43	20393	24.958	ug/l	97
17) Carbon Disulfide	2.56	76	33642	4.153	ug/l	98
18) Methyl Acetate	2.76	43	10432	4.673	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	37162	4.135	ug/l	100
20) Methylene Chloride	2.84	84	18466	4.567	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	15691	4.739	ug/l	97
22) Diisopropyl ether	3.84	45	44758	4.238	ug/l	93
23) Vinyl Acetate	3.80	43	127111	18.747	ug/l	99
24) 1,1-Dichloroethane	3.68	63	26183	4.463	ug/l	98
25) 2-Butanone	4.65	43	22336	19.018	ug/l	99
26) 2,2-Dichloropropane	4.56	77	25373	5.075	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	17793	4.588	ug/l	97
28) Bromochloromethane	5.00	49	11710	4.528	ug/l	93
29) Tetrahydrofuran	5.12	42	13488	18.408	ug/l	94
30) Chloroform	5.19	83	29686	4.715	ug/l	97
31) Cyclohexane	5.56	56	21938	4.574	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	26302	4.659	ug/l	99
36) 1,1-Dichloropropene	5.79	75	19788	4.630	ug/l	96
37) Ethyl Acetate	4.82	43	9184	3.730	ug/l #	82
38) Carbon Tetrachloride	5.77	117	23583	4.723	ug/l #	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX0120IC.D
 Acq On : 02 Sep 2019 12:00
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 04:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	24590	4.802	ug/l	97
40) Benzene	6.13	78	58382	4.622	ug/l	99
41) Methacrylonitrile	5.03	41	5550	3.814	ug/l #	97
42) 1,2-Dichloroethane	6.18	62	19931	4.647	ug/l	98
43) Isopropyl Acetate	6.43	43	18937	3.785	ug/l	96
44) Trichloroethene	7.20	130	19738	4.982	ug/l	95
45) 1,2-Dichloropropane	7.51	63	14555	4.430	ug/l	100
46) Dibromomethane	7.65	93	8689	4.436	ug/l	96
47) Bromodichloromethane	7.89	83	21899	4.516	ug/l	98
48) Methyl methacrylate	7.76	41	9440	3.878	ug/l	96
49) 1,4-Dioxane	7.73	88	2904	87.210	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	48214	19.004	ug/l	99
52) Toluene	8.78	92	39173	4.667	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	21887	4.408	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	25310	4.541	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	12631	4.408	ug/l	98
56) Ethyl methacrylate	9.17	69	15541	3.935	ug/l	98
57) 1,3-Dichloropropane	9.36	76	20584	4.336	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.30	63	39391	21.277	ug/l	99
59) 2-Hexanone	9.48	43	34382	19.064	ug/l	100
60) Dibromochloromethane	9.57	129	16991	4.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	12124	4.267	ug/l	99
64) Tetrachloroethene	9.33	164	21320	5.334	ug/l	97
65) Chlorobenzene	10.14	112	47408	4.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	18291	4.749	ug/l	99
67) Ethyl Benzene	10.25	91	79675	4.914	ug/l	100
68) m/p-Xylenes	10.35	106	62883	10.029	ug/l	98
69) o-Xylene	10.70	106	30402	4.983	ug/l	100
70) Styrene	10.71	104	49869	4.657	ug/l	98
71) Bromoform	10.85	173	12105	4.446	ug/l #	98
73) Isopropylbenzene	11.01	105	83460	4.927	ug/l	99
74) N-amyl acetate	10.89	43	18164	3.697	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	14481	4.250	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	15239	5.452	ug/l	78
77) Bromobenzene	11.25	156	24138	4.912	ug/l	100
78) n-propylbenzene	11.35	91	94065	4.914	ug/l	99
79) 2-Chlorotoluene	11.42	91	56213	4.892	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	72938	5.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	4730	4.167	ug/l	97
82) 4-Chlorotoluene	11.51	91	68296	4.932	ug/l	99
83) tert-Butylbenzene	11.77	119	73207	4.929	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	74204	4.973	ug/l	99
85) sec-Butylbenzene	11.94	105	85134	4.951	ug/l	100
86) p-Isopropyltoluene	12.06	119	84106	5.039	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	47241	5.188	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	46726	5.079	ug/l	94
89) n-Butylbenzene	12.39	91	73660	5.001	ug/l	99
90) Hexachloroethane	12.59	117	15203	4.713	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	41027	4.852	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2829	4.171	ug/l	98

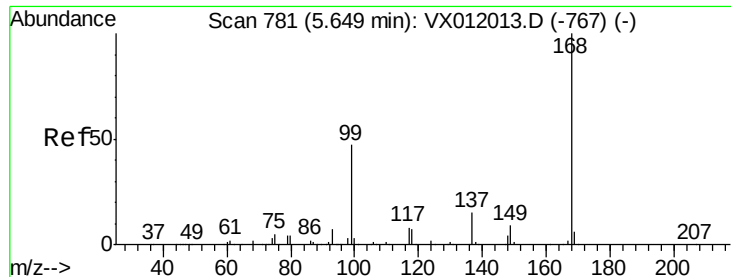
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX0120IC.D
Acq On : 02 Sep 2019 12:00
Operator : SY/SP
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 03 04:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38650	5.410	ug/l	100
94) Hexachlorobutadiene	13.78	225	24839	5.157	ug/l	98
95) Naphthalene	13.83	128	57224	4.748	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34155	5.305	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

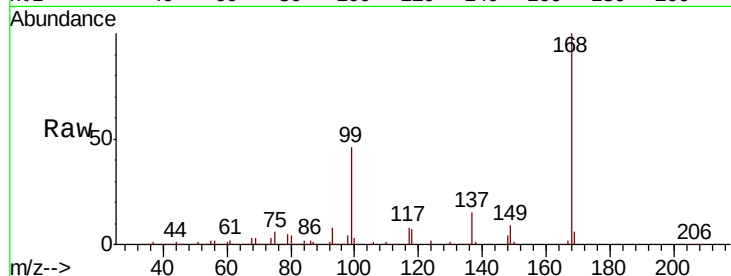
ClientSampleId :

Tgt Ion:168 Resp: 405546

Ion Ratio Lower Upper

168 100

99 46.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

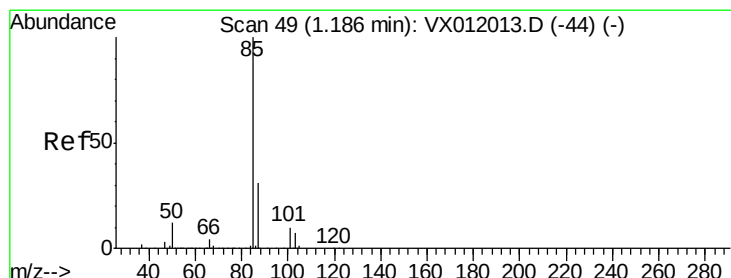
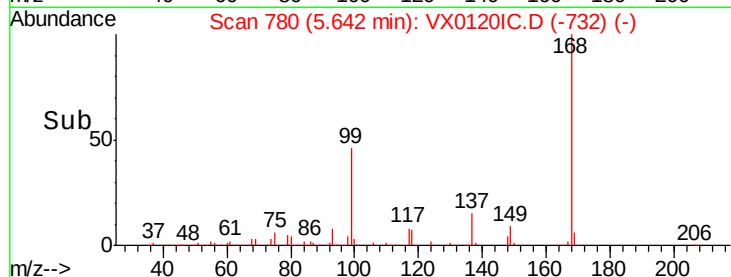
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.948 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX0120IC.D

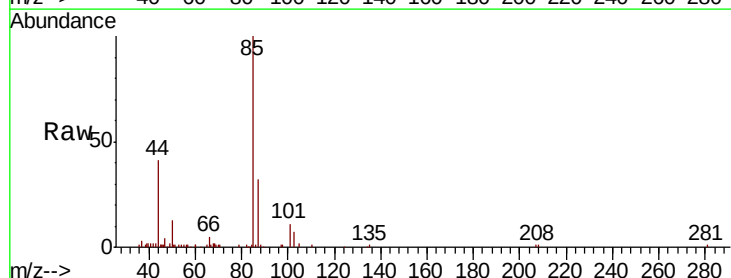
Acq: 02 Sep 2019 12:00

Tgt Ion: 85 Resp: 12196

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

12000

10000

8000

6000

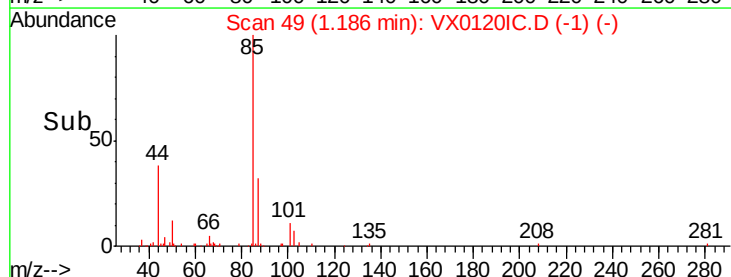
4000

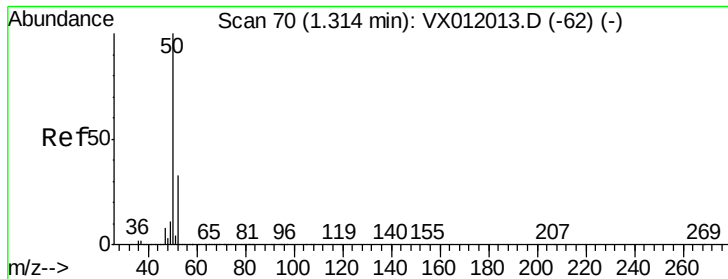
2000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 4.495 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

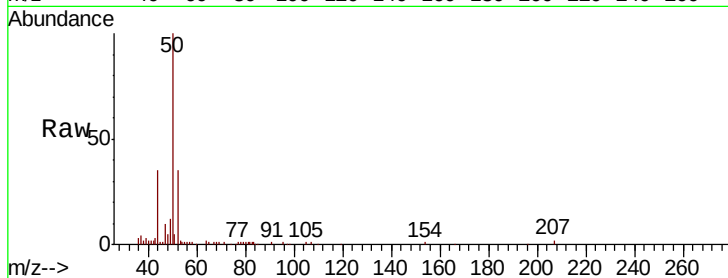
ClientSampled :

Tgt Ion: 50 Resp: 12482

Ion Ratio Lower Upper

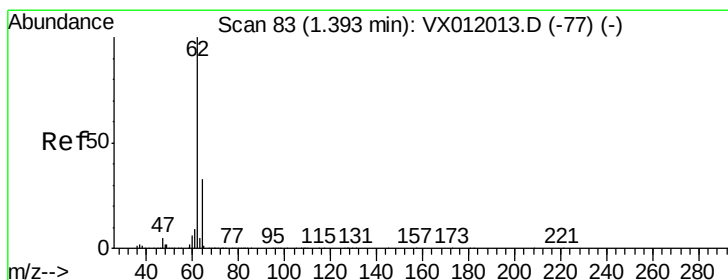
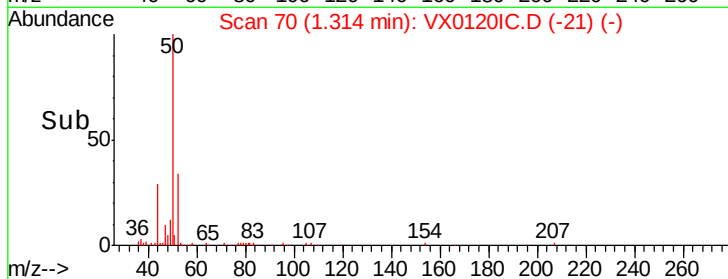
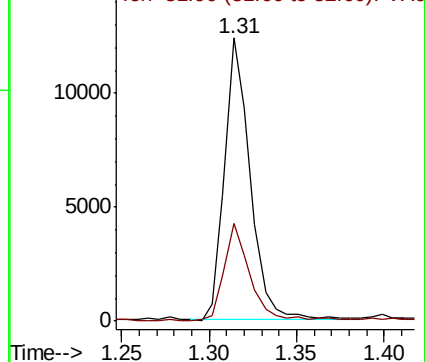
50 100

52 35.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.526 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX0120IC.D

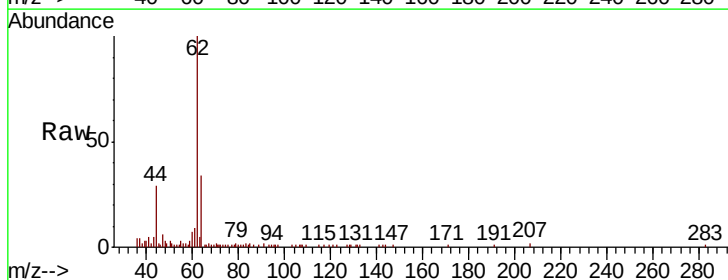
Acq: 02 Sep 2019 12:00

Tgt Ion: 62 Resp: 12127

Ion Ratio Lower Upper

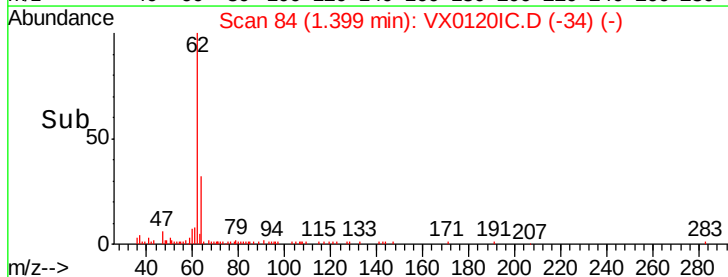
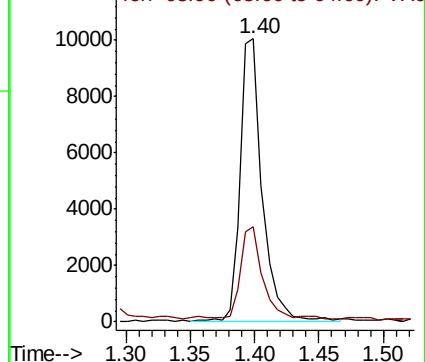
62 100

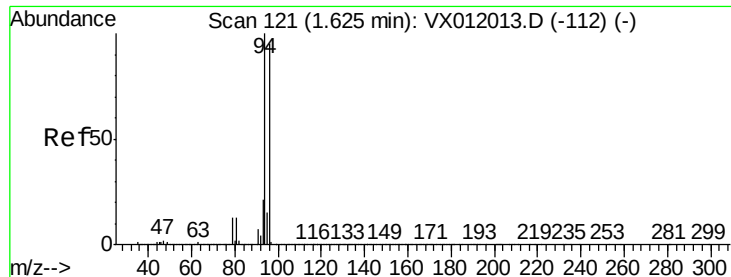
64 32.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.735 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

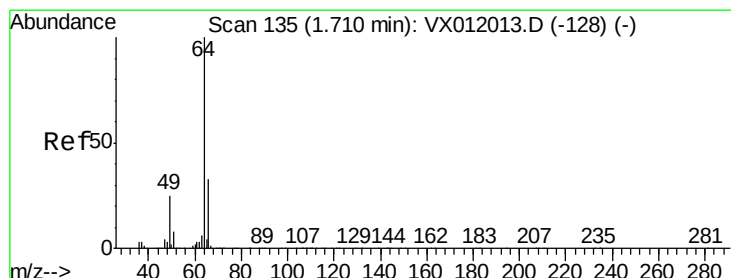
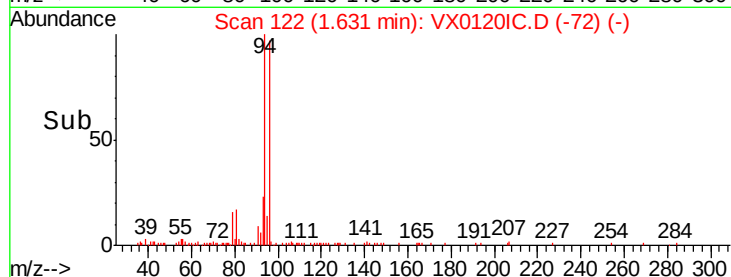
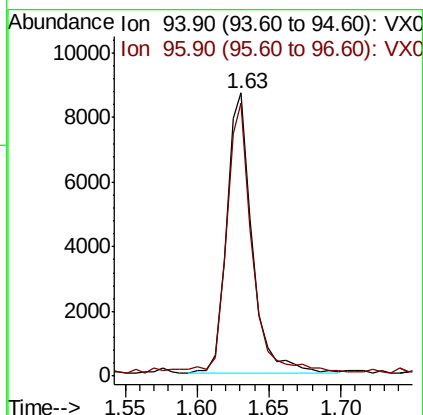
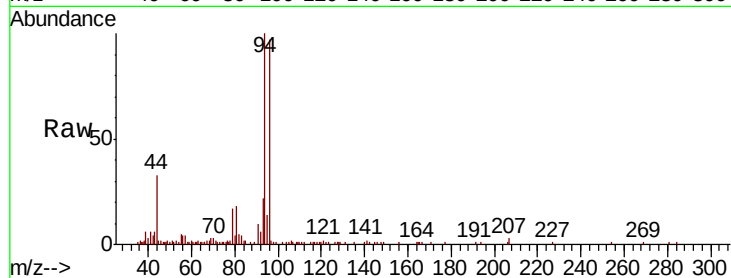
ClientSampleId :

Tgt Ion: 94 Resp: 10671

Ion Ratio Lower Upper

94 100

96 96.1 76.3 114.5



#6

Chloroethane

Concen: 4.973 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0120IC.D

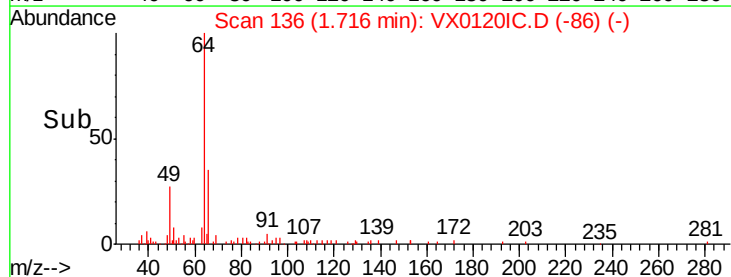
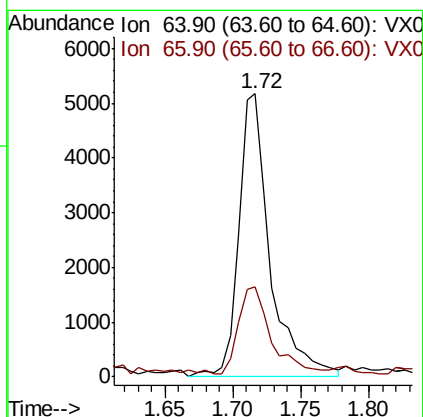
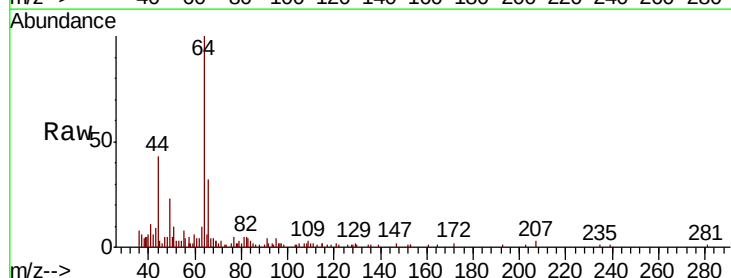
Acq: 02 Sep 2019 12:00

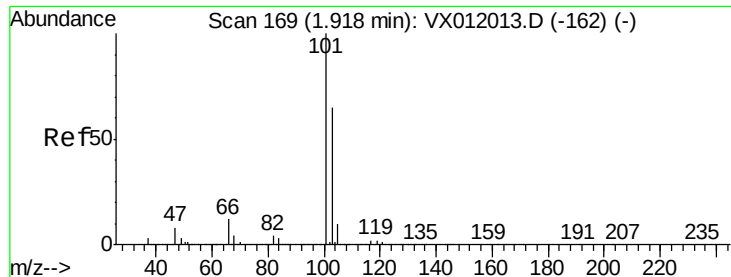
Tgt Ion: 64 Resp: 8282

Ion Ratio Lower Upper

64 100

66 29.6 26.3 39.5



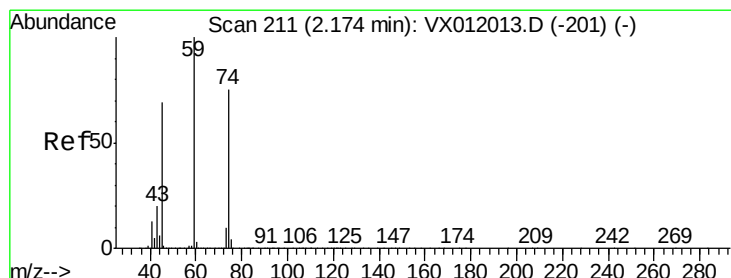
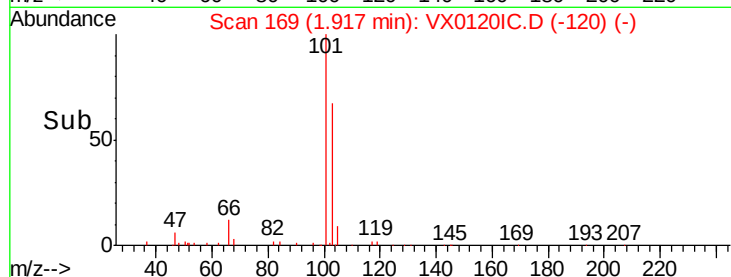
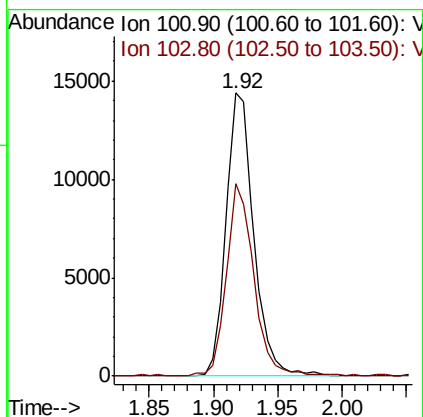
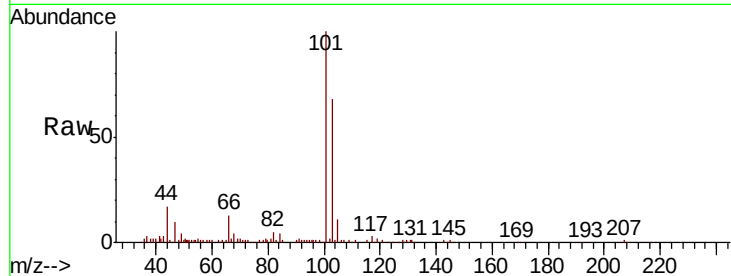


#7

Trichlorofluoromethane
Concen: 4.660 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :

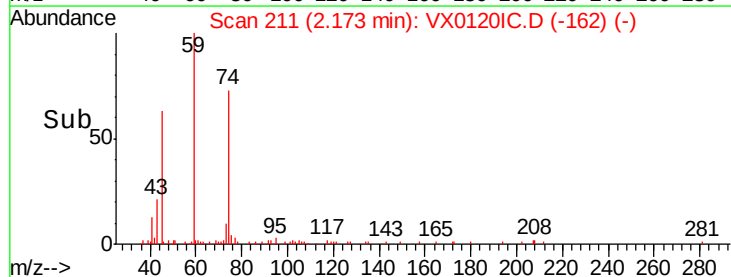
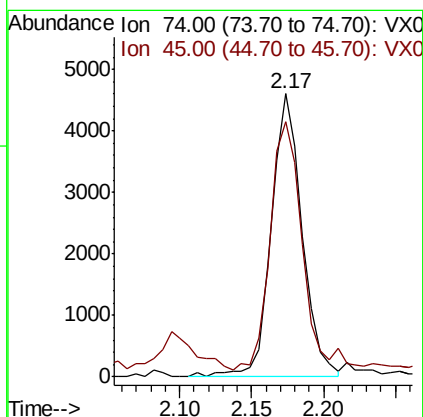
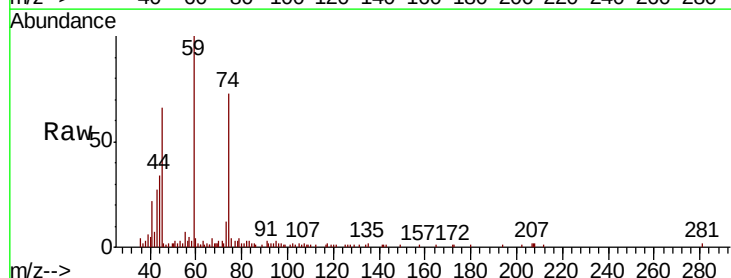
Tgt Ion: 101 Resp: 21804
Ion Ratio Lower Upper
101 100
103 67.9 51.6 77.4

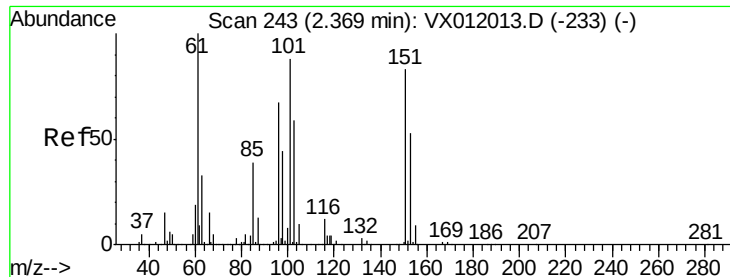


#8

Diethyl Ether
Concen: 4.354 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 74 Resp: 6890
Ion Ratio Lower Upper
74 100
45 91.3 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.237 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

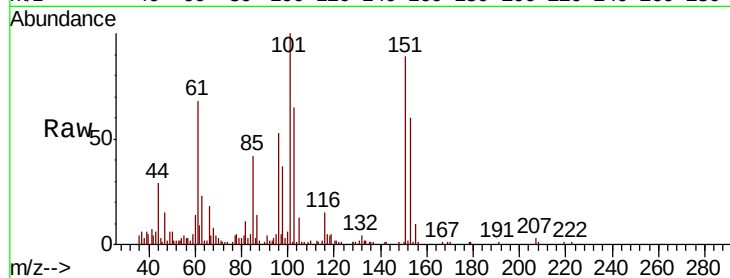
Tgt Ion:101 Resp: 12896

Ion Ratio Lower Upper

101 100

85 47.3 34.5 51.7

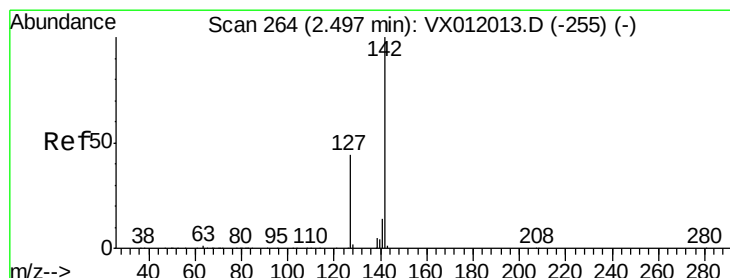
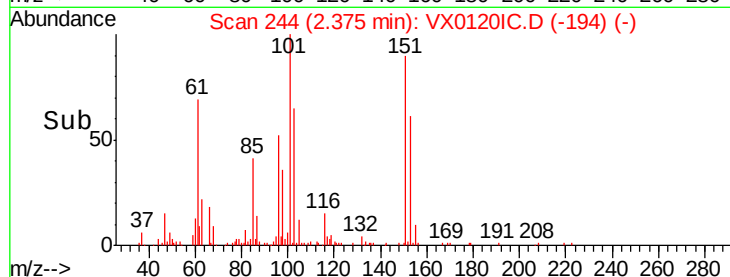
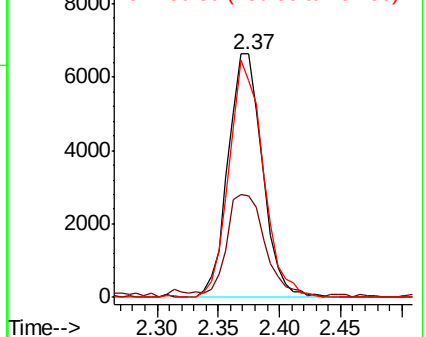
151 96.8 75.0 112.4



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: 3.957 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

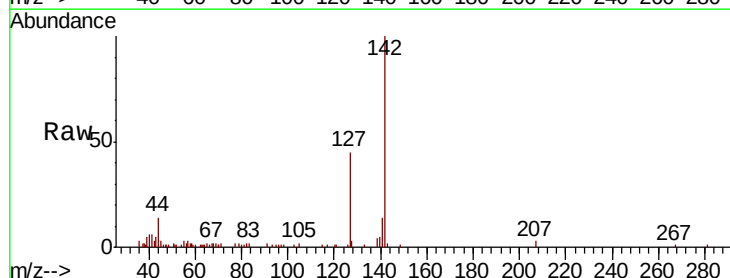
Tgt Ion:142 Resp: 11221

Ion Ratio Lower Upper

142 100

127 47.1 35.4 53.2

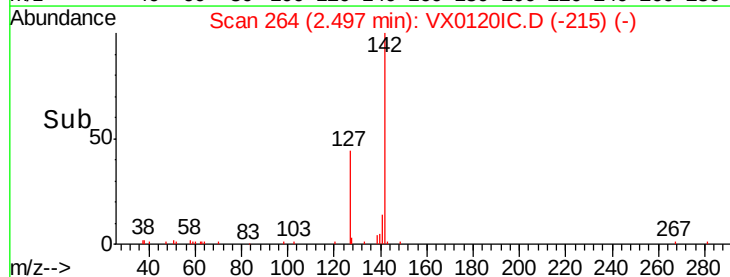
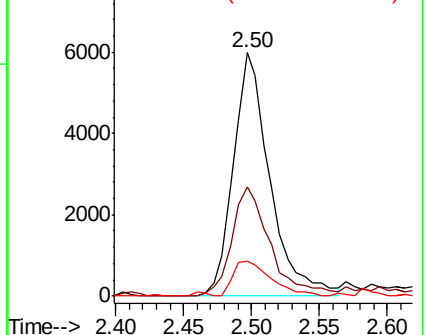
141 14.9 11.4 17.2

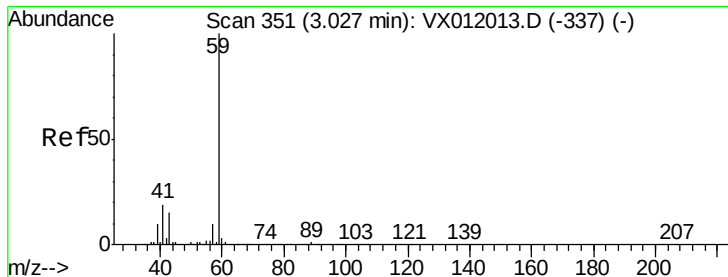


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

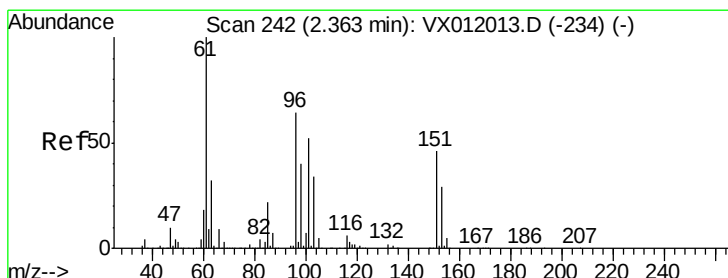
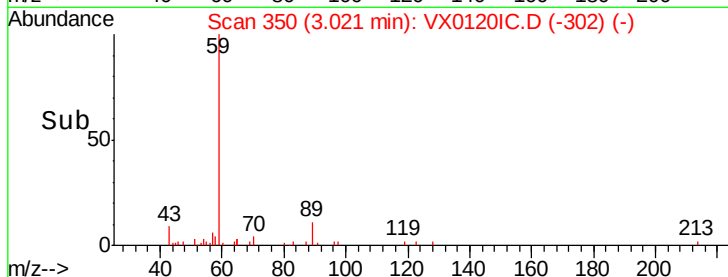
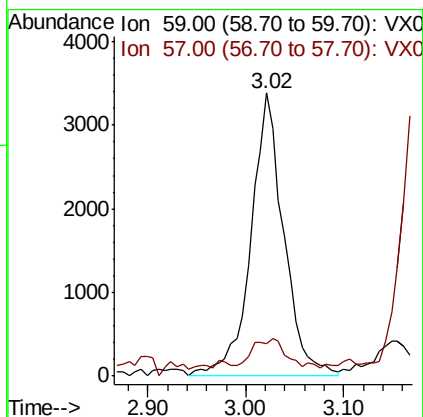
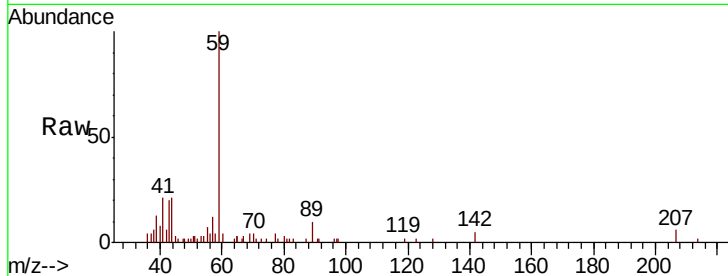




#11
Tert butyl alcohol
Concen: 21.869 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

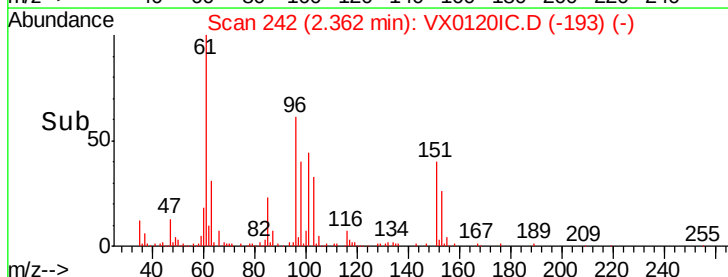
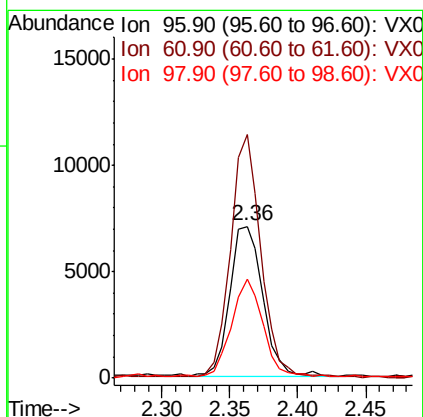
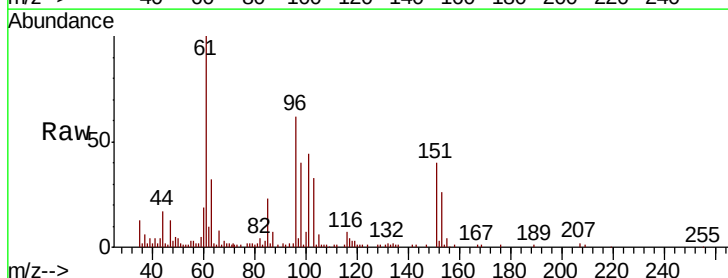
Instrument :
MSVOA_X
ClientSampleId :

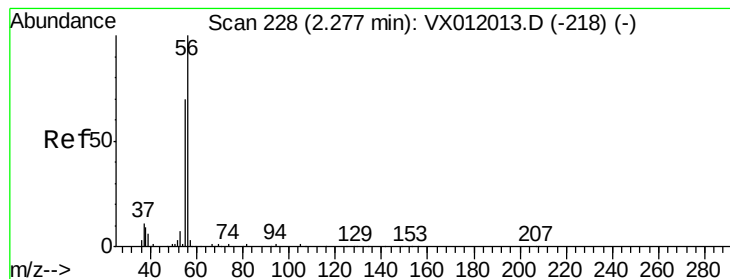
Tgt Ion: 59 Resp: 7905
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9



#12
1,1-Dichloroethene
Concen: 4.265 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 96 Resp: 12015
Ion Ratio Lower Upper
96 100
61 161.4 124.1 186.1
98 64.9 50.2 75.2





#13

Acrolein

Concen: 19.399 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

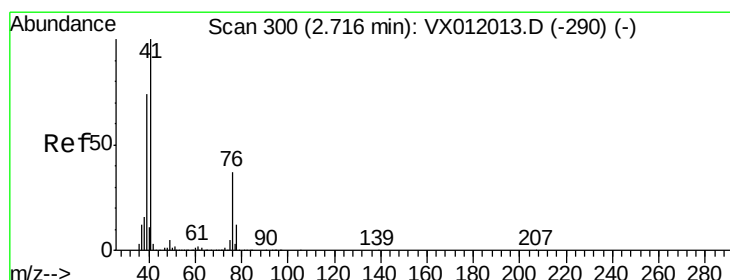
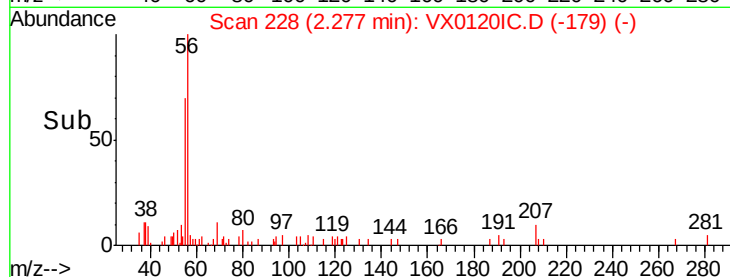
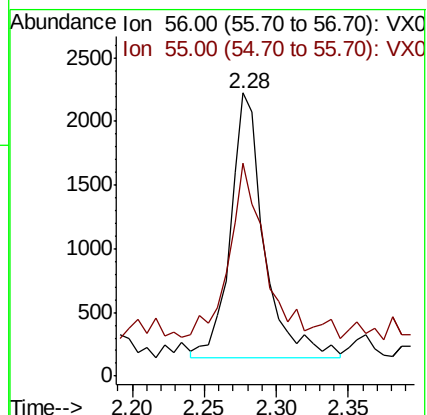
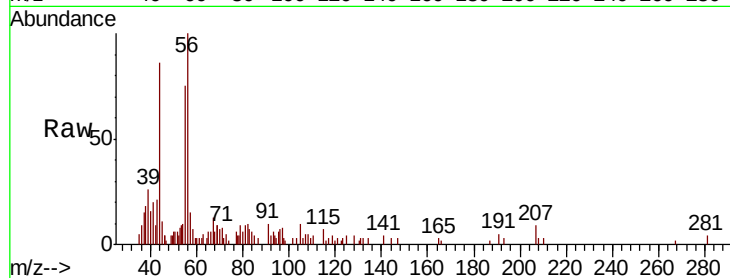
ClientSampled :

Tgt Ion: 56 Resp: 3386

Ion Ratio Lower Upper

56 100

55 80.1 59.2 88.8



#14

Allyl chloride

Concen: 4.269 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

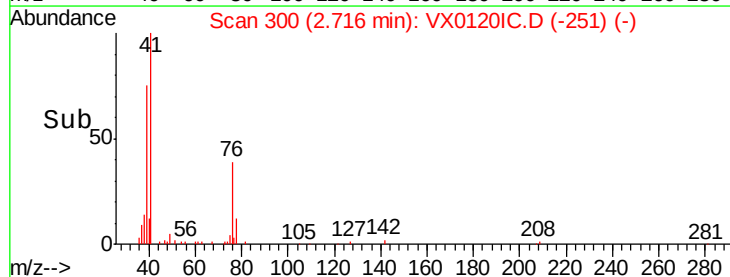
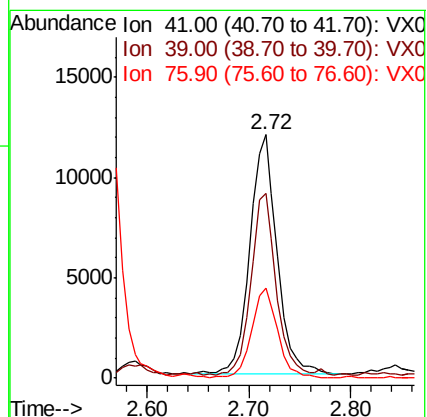
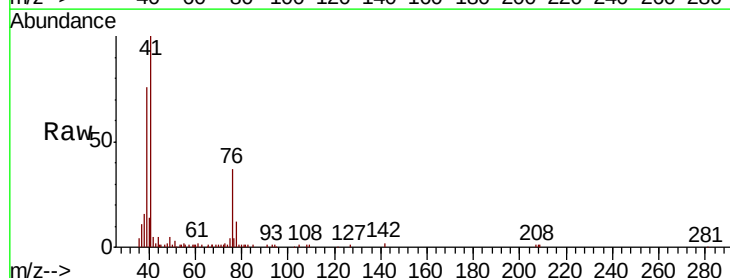
Tgt Ion: 41 Resp: 22160

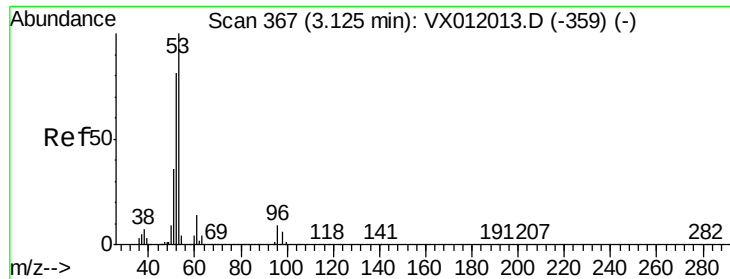
Ion Ratio Lower Upper

41 100

39 70.6 57.9 86.9

76 36.2 28.5 42.7





#15

Acrylonitrile

Concen: 19.297 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX0120IC.D

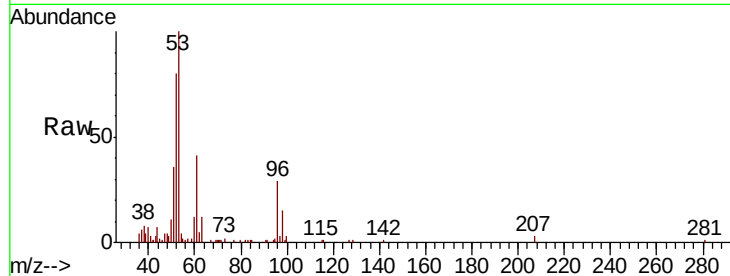
Acq: 02 Sep 2019 12:00

Instrument :

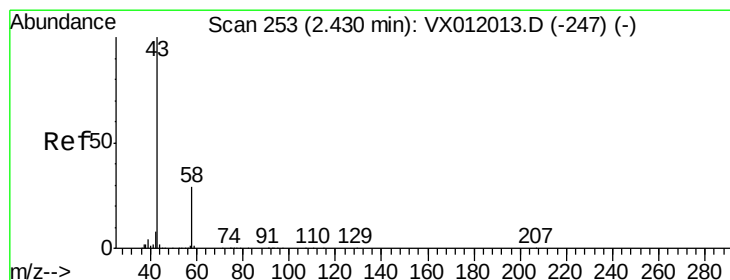
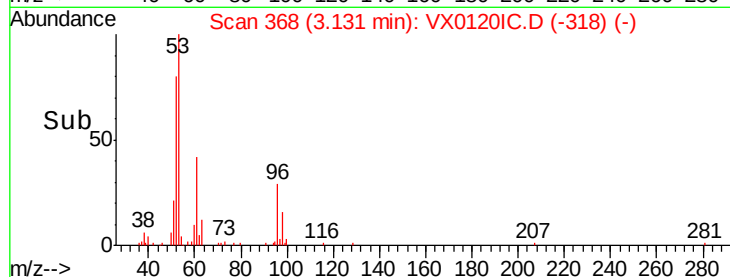
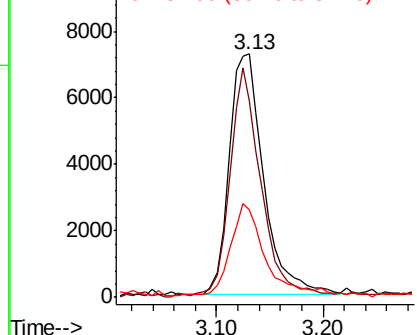
MSVOA_X

ClientSampleId :

Tgt Ion:	53	Resp:	16512
Ion	Ratio	Lower	Upper
53	100		
52	86.5	65.6	98.4
51	36.4	29.8	44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.958 ug/l

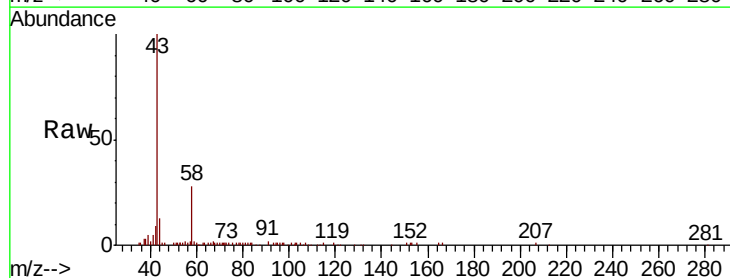
RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

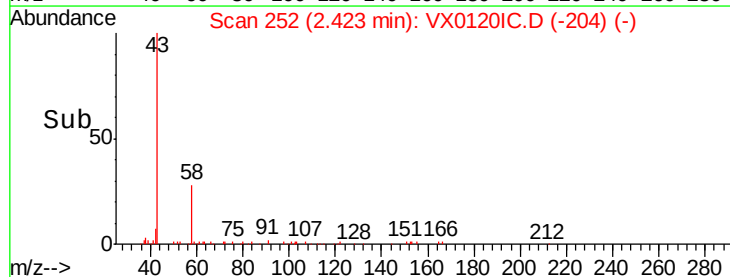
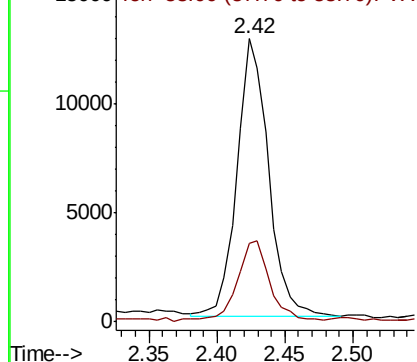
Lab File: VX0120IC.D

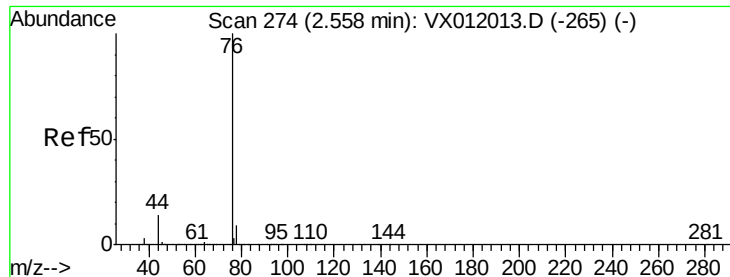
Acq: 02 Sep 2019 12:00

Tgt Ion:	43	Resp:	20393
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.8	34.2



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

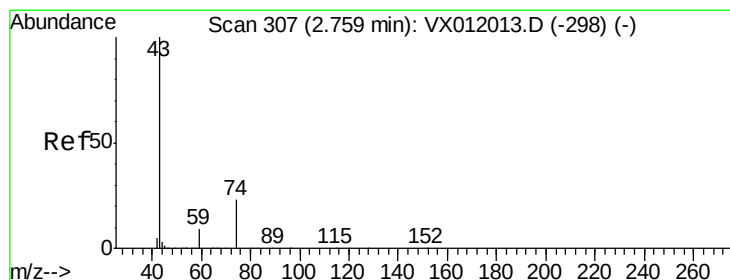
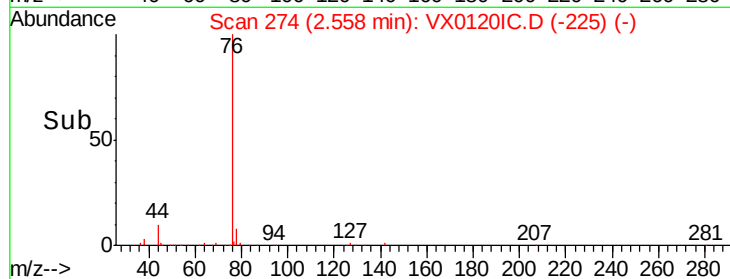
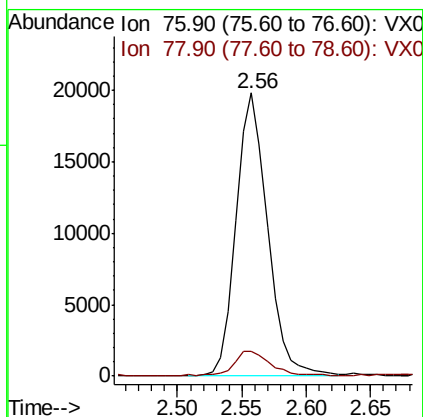
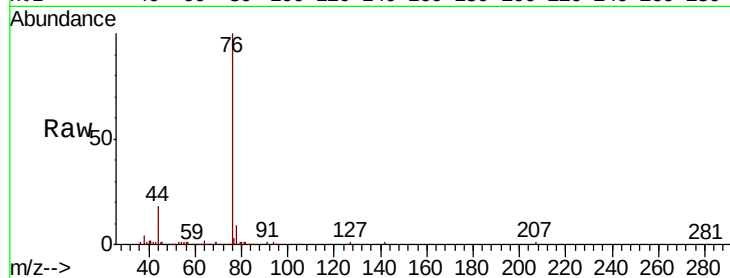




#17
Carbon Disulfide
Concen: 4.153 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

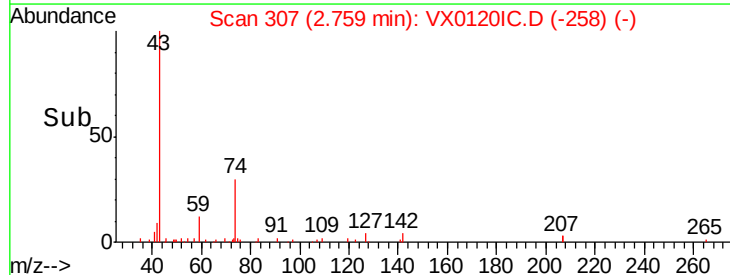
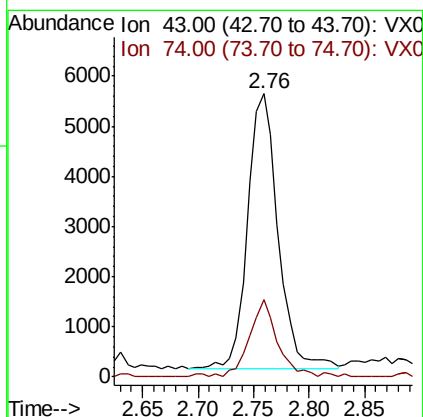
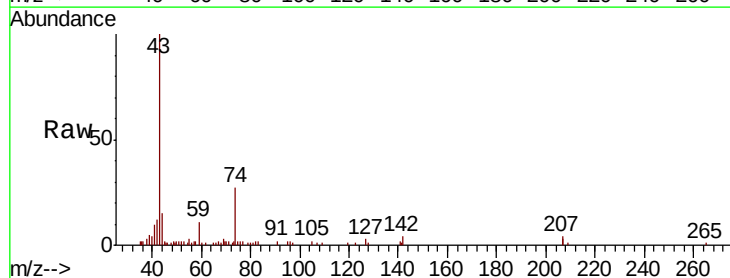
Instrument :
MSVOA_X
ClientSampleId :

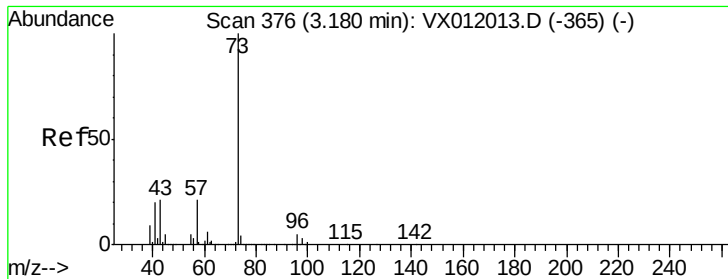
Tgt Ion: 76 Resp: 33642
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 4.673 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 43 Resp: 10432
Ion Ratio Lower Upper
43 100
74 25.8 19.5 29.3

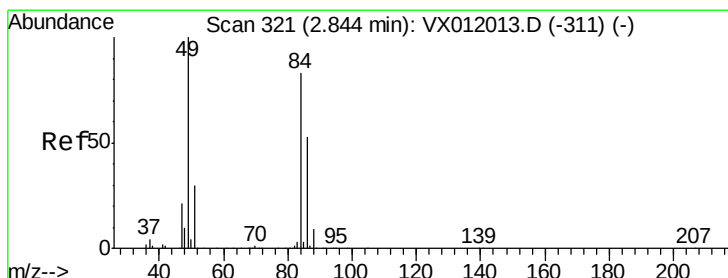
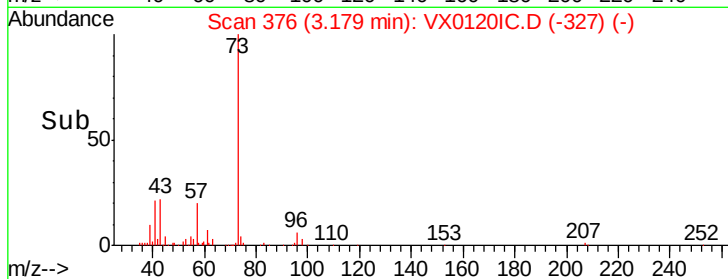
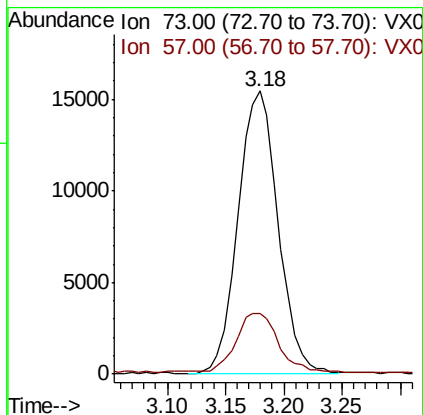
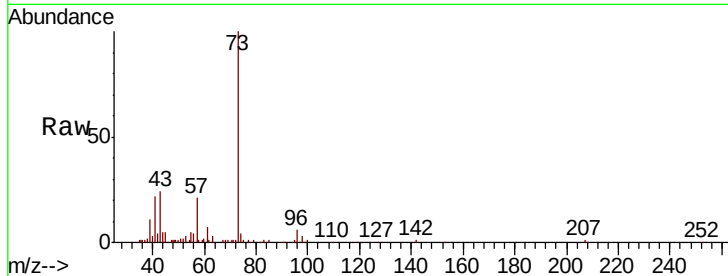




#19
Methyl tert-butyl Ether
Concen: 4.135 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

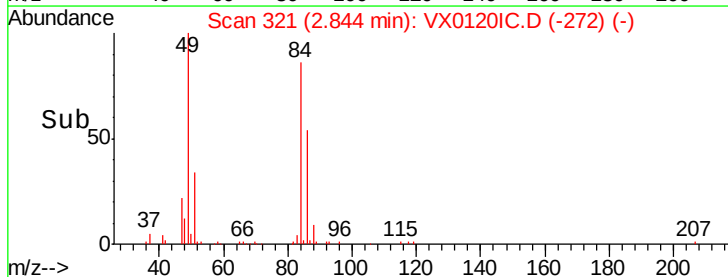
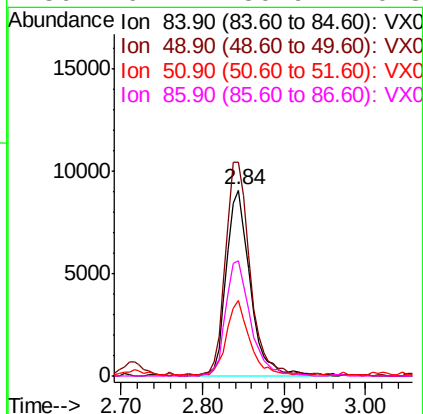
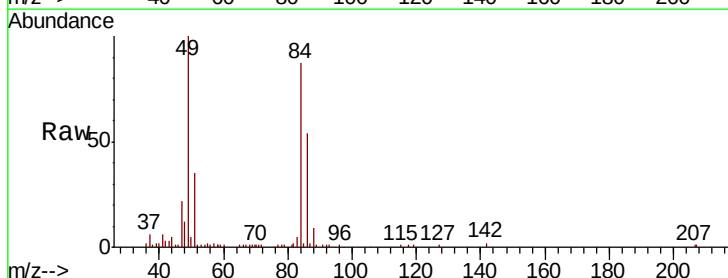
Instrument :
MSVOA_X
ClientSampleId :

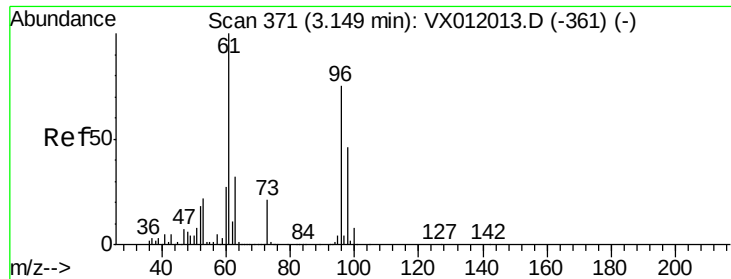
Tgt Ion: 73 Resp: 37162
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 4.567 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 84 Resp: 18466
Ion Ratio Lower Upper
84 100
49 115.0 95.8 143.8
51 38.7 28.6 43.0
86 62.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 4.739 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

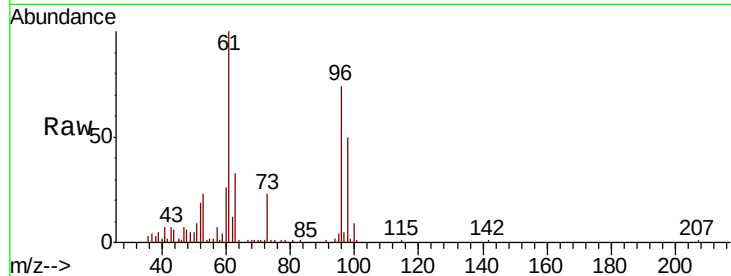
Tgt Ion: 96 Resp: 15691

Ion Ratio Lower Upper

96 100

61 134.4 107.0 160.6

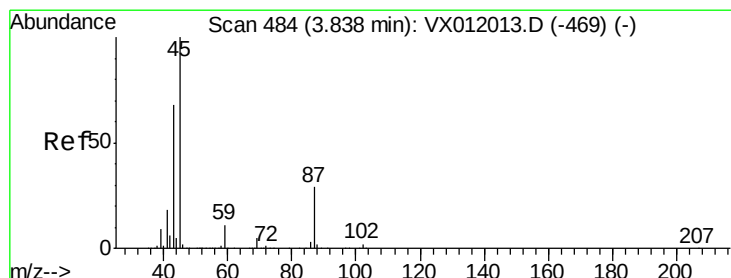
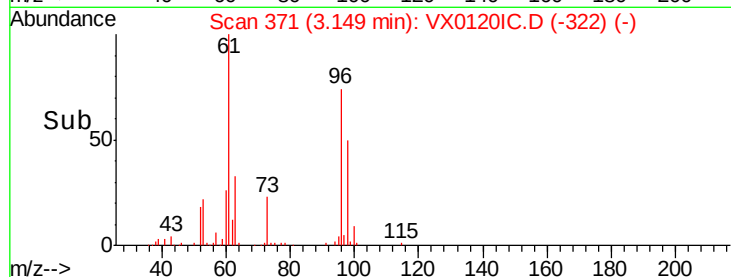
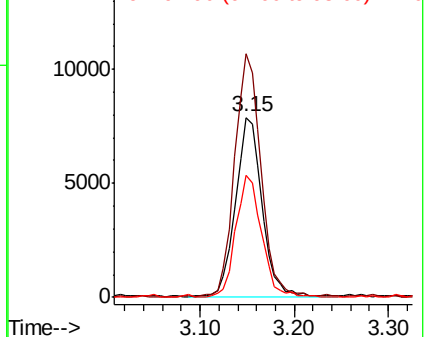
98 67.6 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.238 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Tgt Ion: 45 Resp: 44758

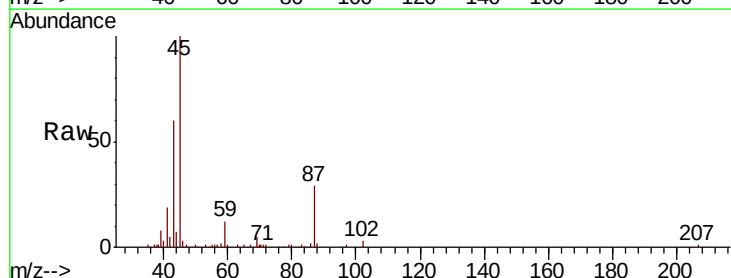
Ion Ratio Lower Upper

45 100

43 59.6 54.2 81.4

87 29.0 23.4 35.0

59 12.0 9.0 13.6

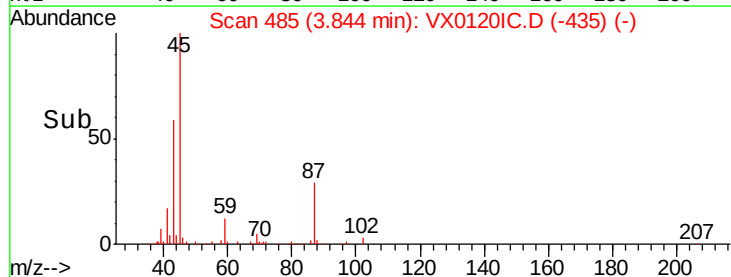
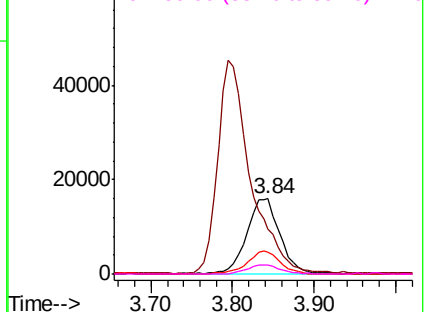


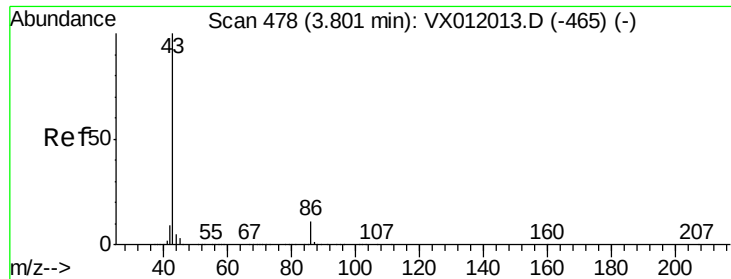
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 18.747 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

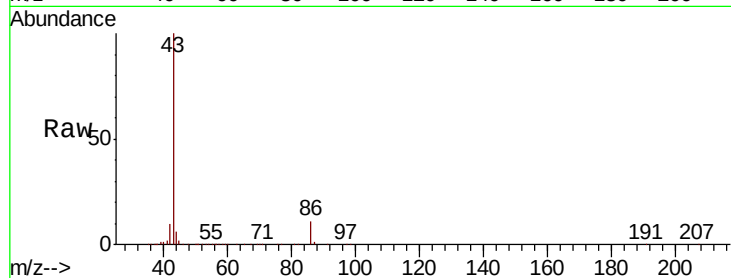
ClientSampled :

Tgt Ion: 43 Resp: 127111

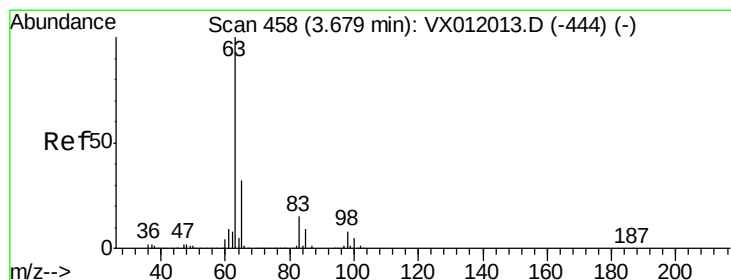
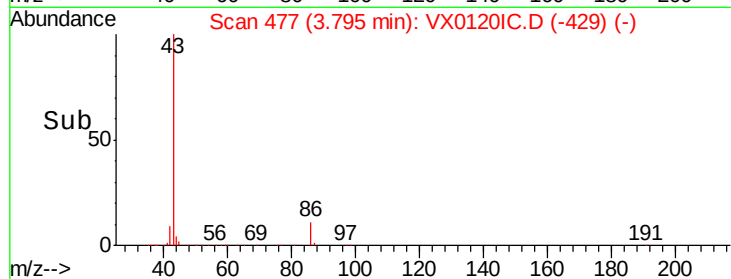
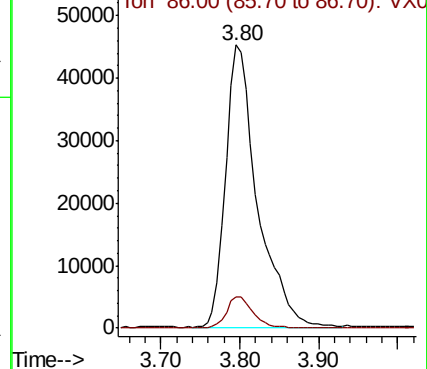
Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 4.463 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

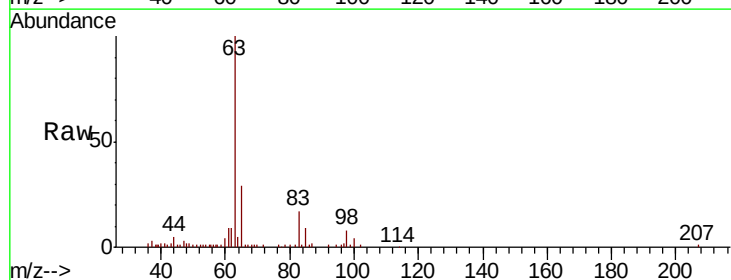
Tgt Ion: 63 Resp: 26183

Ion Ratio Lower Upper

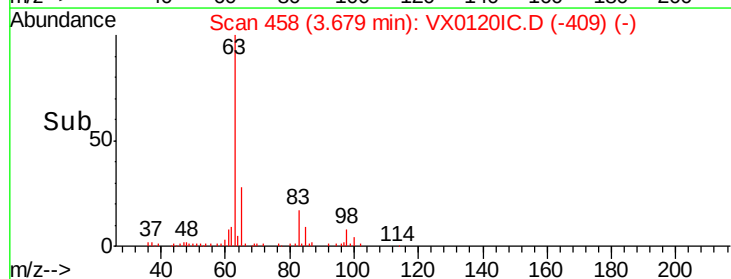
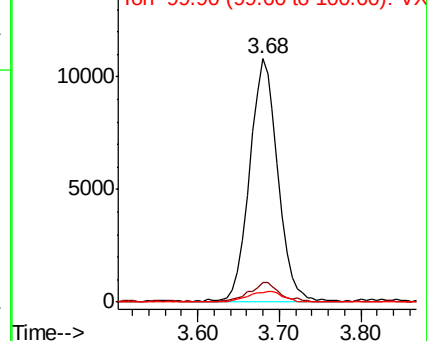
63 100

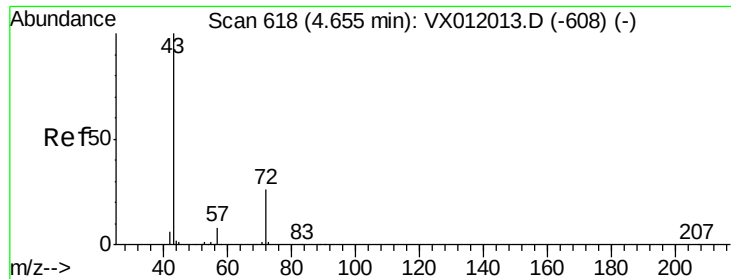
98 8.1 3.9 11.7

100 3.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 19.018 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

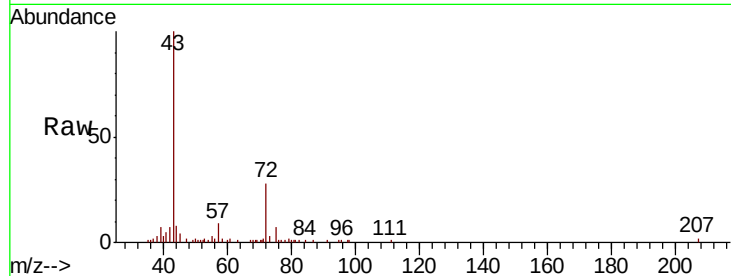
ClientSampleId :

Tgt Ion: 43 Resp: 22336

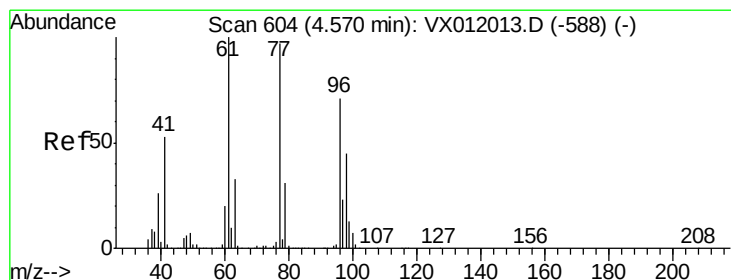
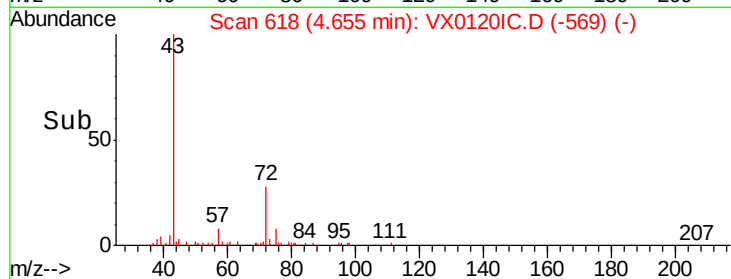
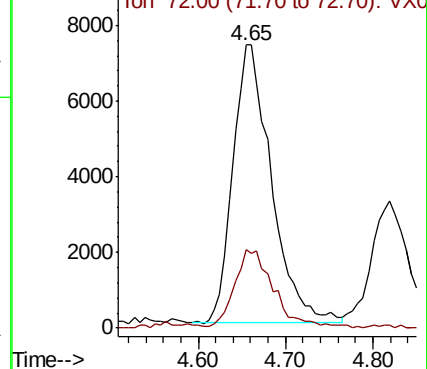
Ion Ratio Lower Upper

43 100

72 27.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 5.075 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX0120IC.D

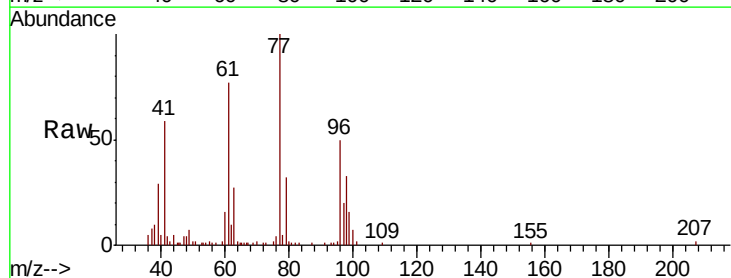
Acq: 02 Sep 2019 12:00

Tgt Ion: 77 Resp: 25373

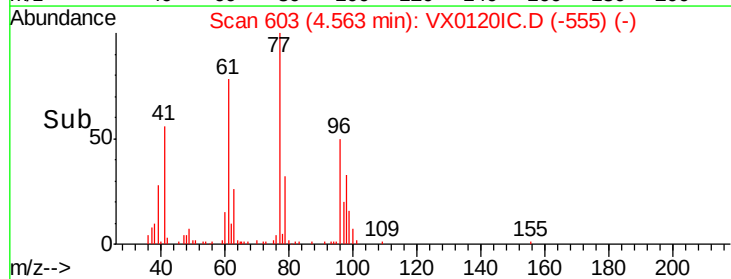
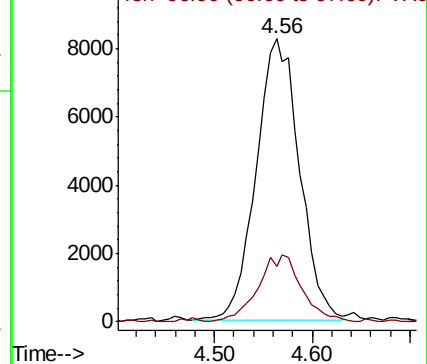
Ion Ratio Lower Upper

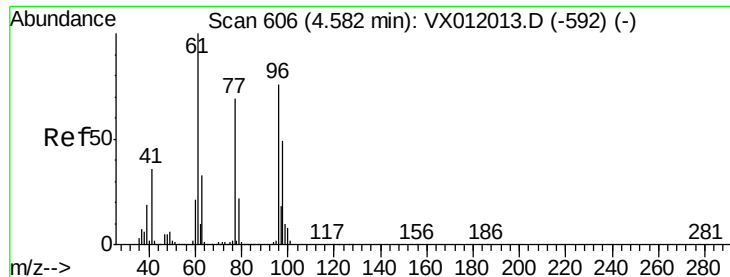
77 100

97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0



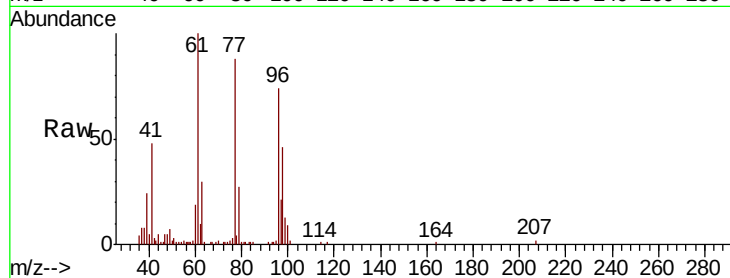


#27

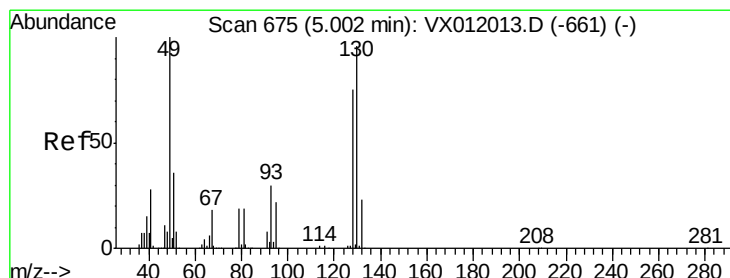
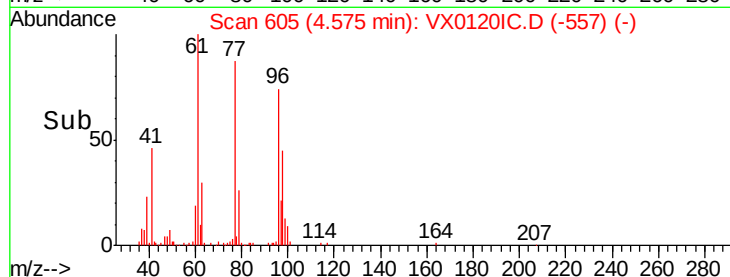
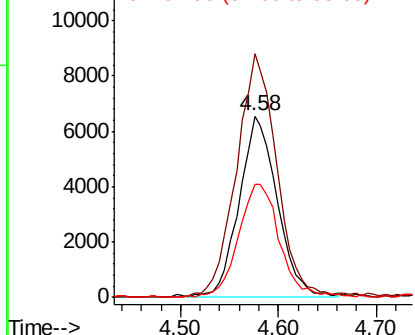
cis-1,2-Dichloroethene
Concen: 4.588 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 17793
Ion Ratio Lower Upper
96 100
61 141.9 0.0 277.0
98 67.2 0.0 128.4



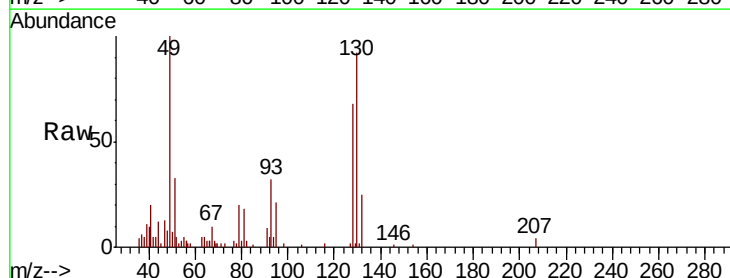
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



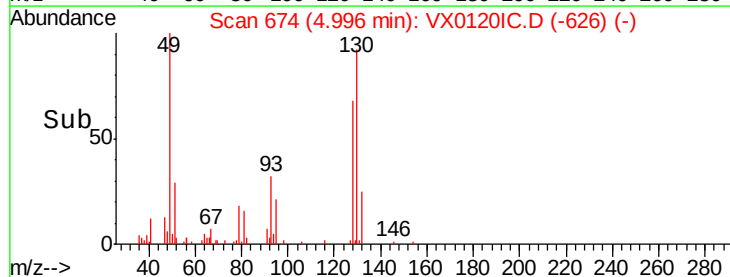
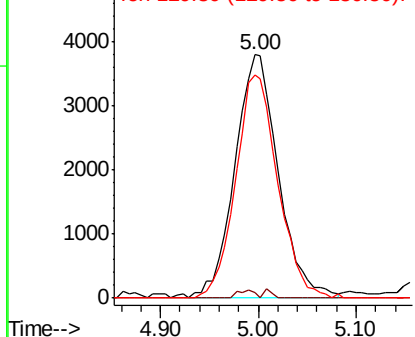
#28

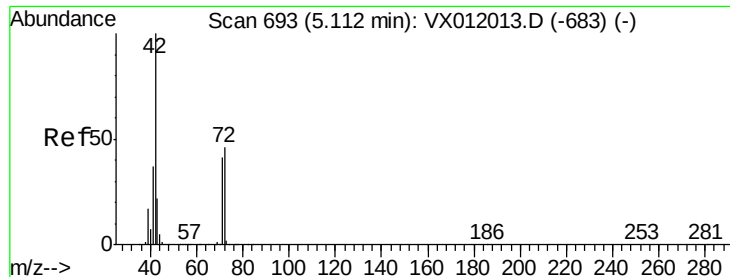
Bromochloromethane
Concen: 4.528 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 49 Resp: 11710
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.6
130 89.0 76.7 115.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 18.408 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

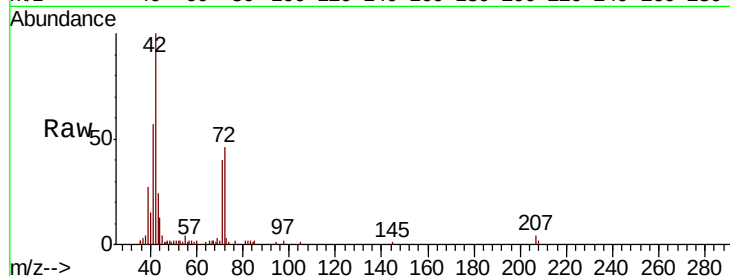
Tgt Ion: 42 Resp: 13488

Ion Ratio Lower Upper

42 100

72 48.3 37.0 55.4

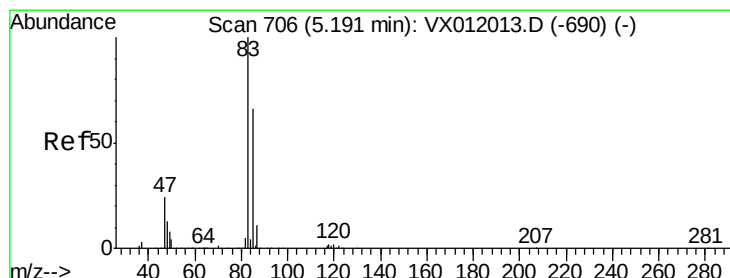
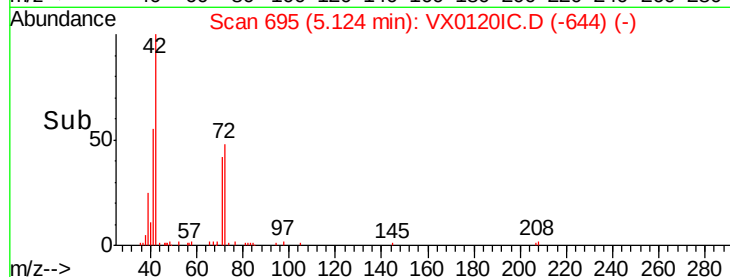
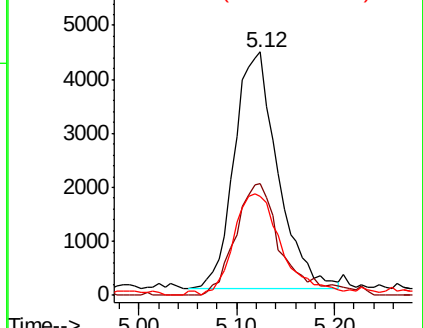
71 47.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 4.715 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX0120IC.D

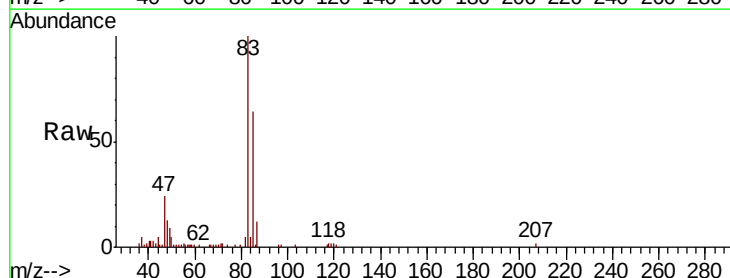
Acq: 02 Sep 2019 12:00

Tgt Ion: 83 Resp: 29686

Ion Ratio Lower Upper

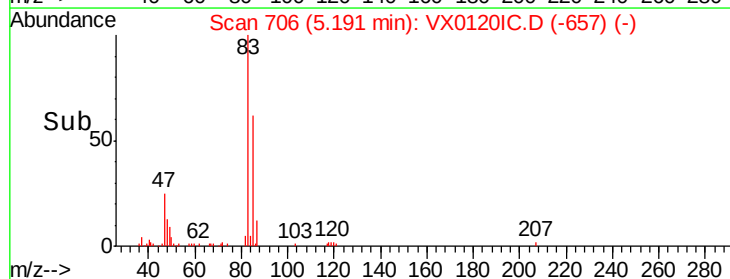
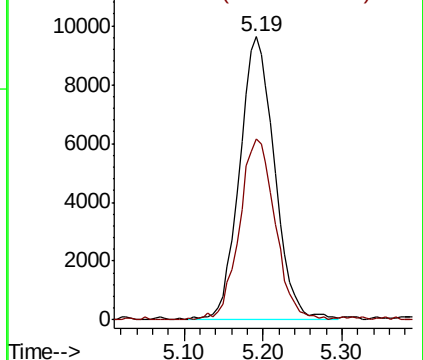
83 100

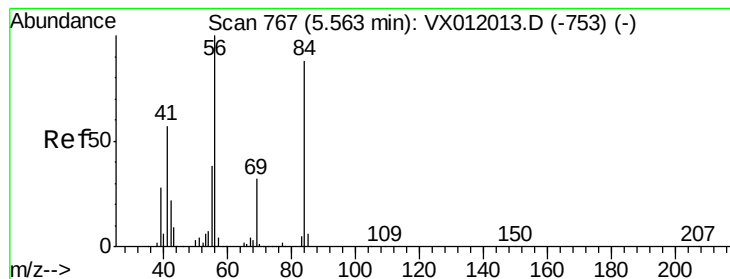
85 63.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 4.574 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :
MSVOA_X
ClientSampled :

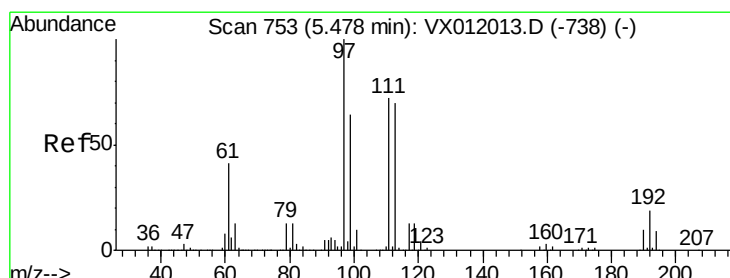
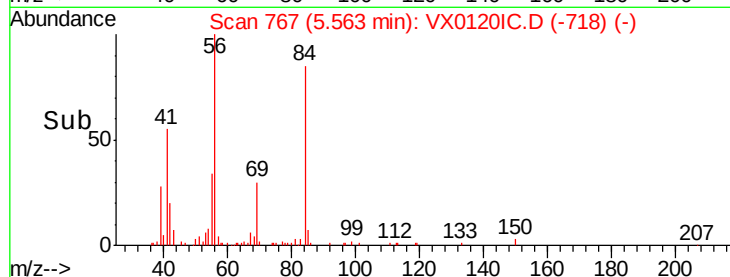
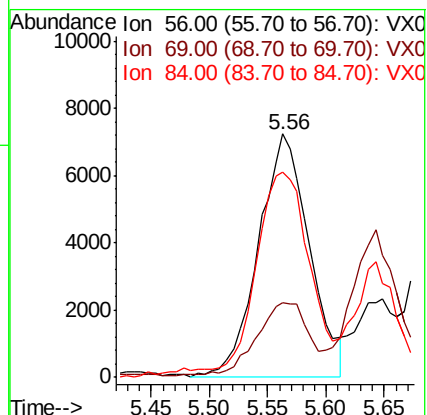
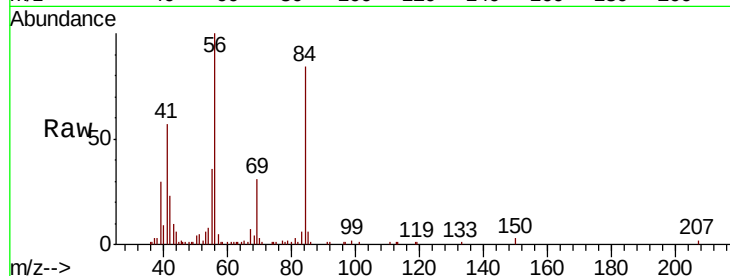
Tgt Ion: 56 Resp: 21938

Ion Ratio Lower Upper

56 100

69 29.2 25.7 38.5

84 81.4 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 4.659 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

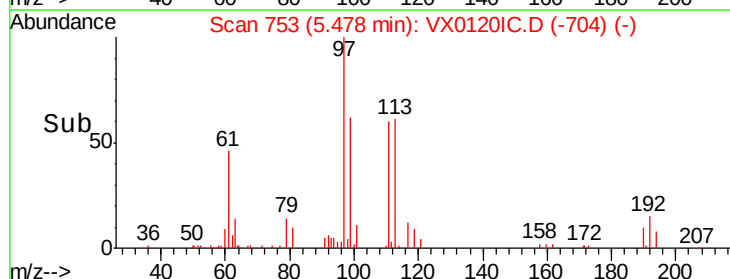
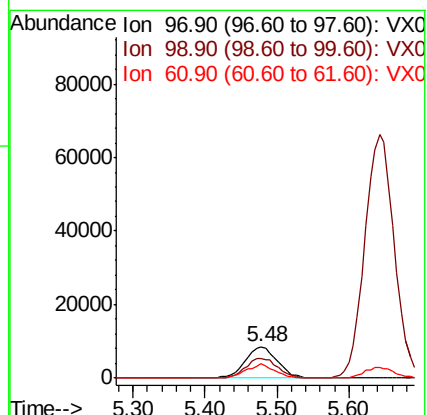
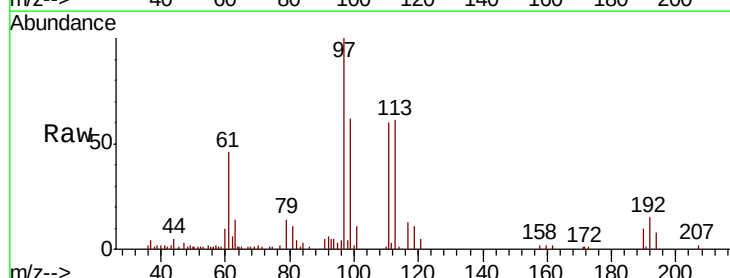
Tgt Ion: 97 Resp: 26302

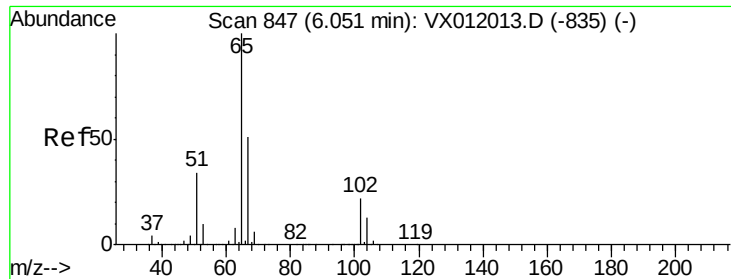
Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 41.6 32.8 49.2

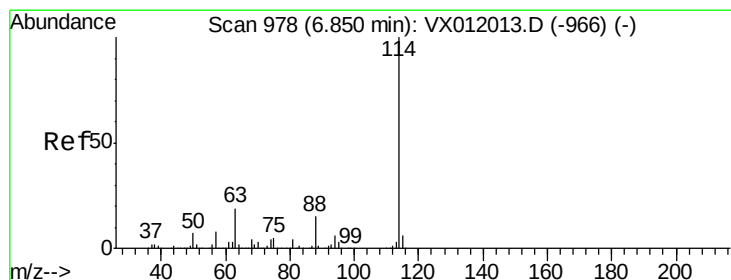
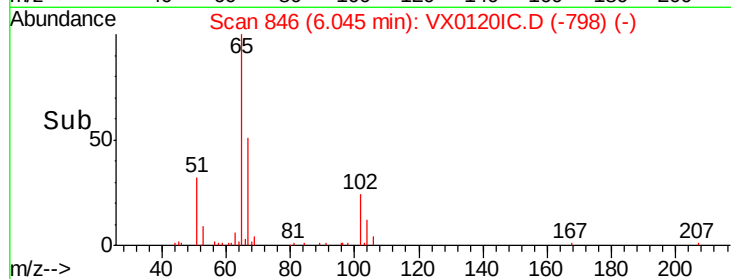
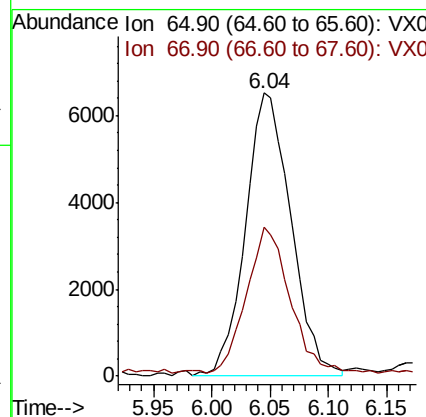
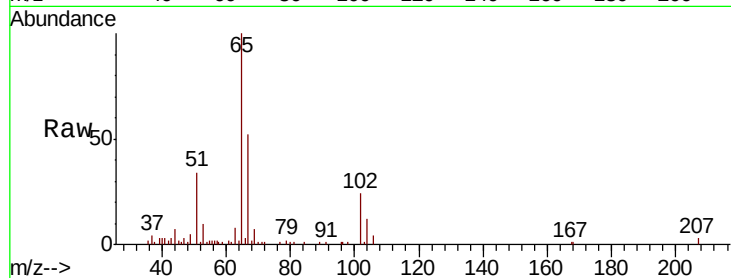




#33
 1,2-Dichloroethane-d4
 Concen: 4.593 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

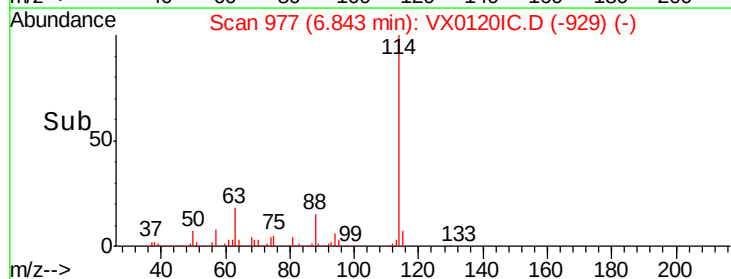
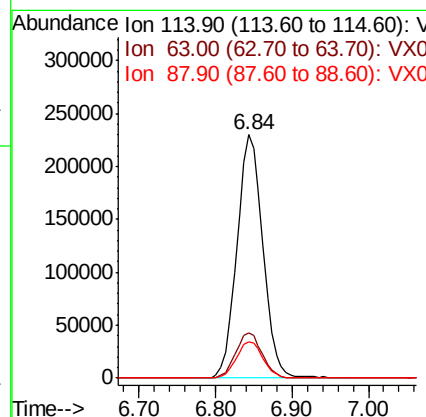
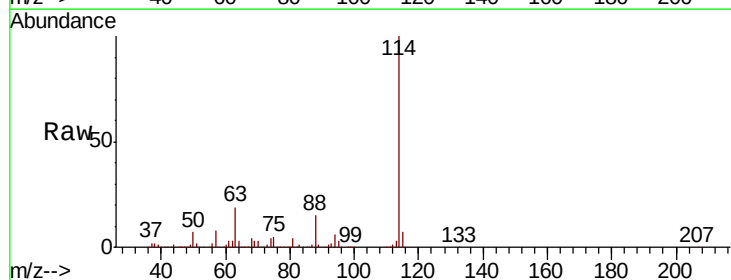
Instrument :
 MSVOA_X
 ClientSampleId :

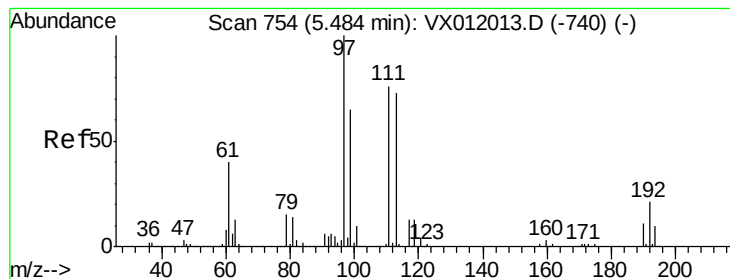
Tgt Ion: 65 Resp: 17691
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion: 114 Resp: 539918
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.4
 88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 4.529 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

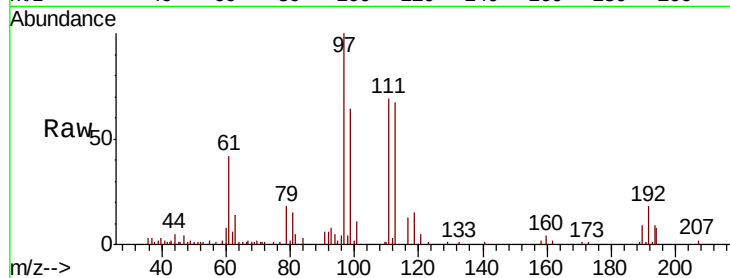
Tgt Ion:113 Resp: 15790

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

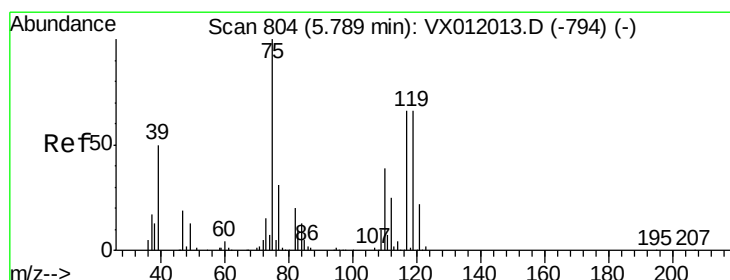
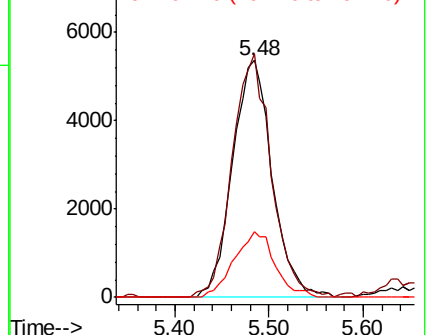
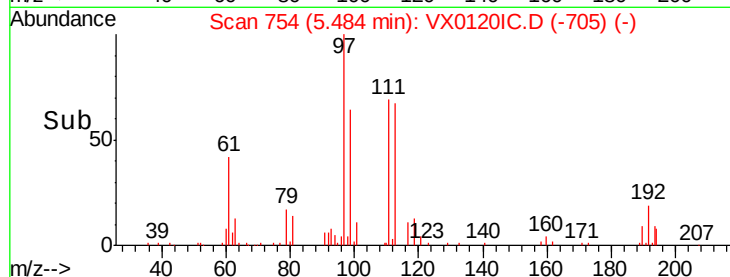
192 28.2 22.5 33.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.630 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

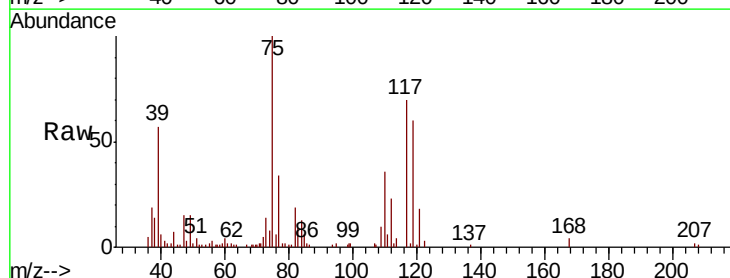
Tgt Ion: 75 Resp: 19788

Ion Ratio Lower Upper

75 100

110 39.8 19.5 58.5

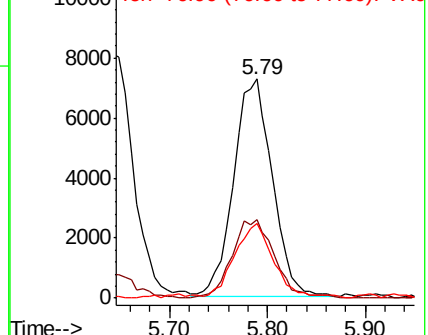
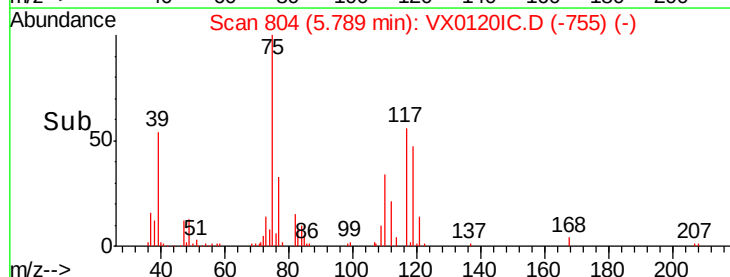
77 35.3 24.6 37.0

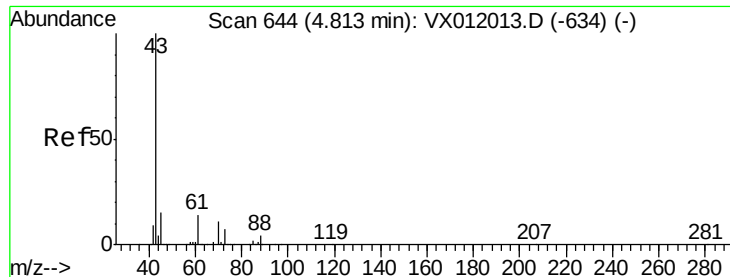


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

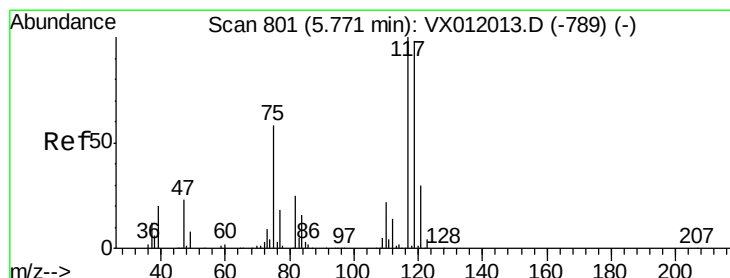
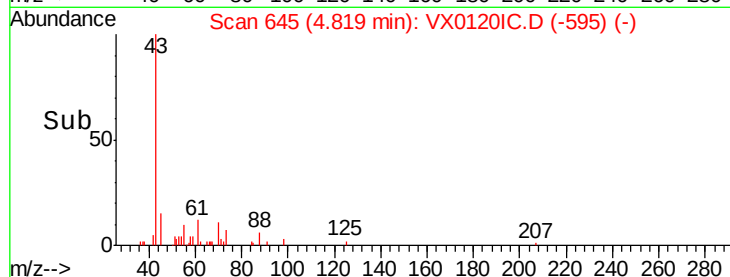
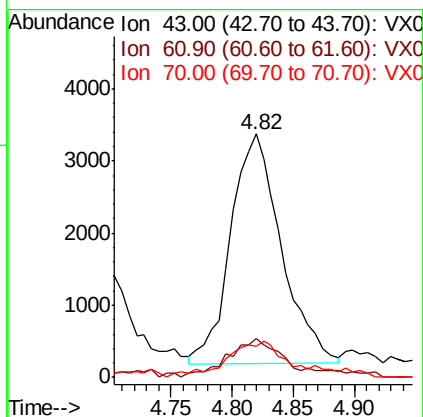
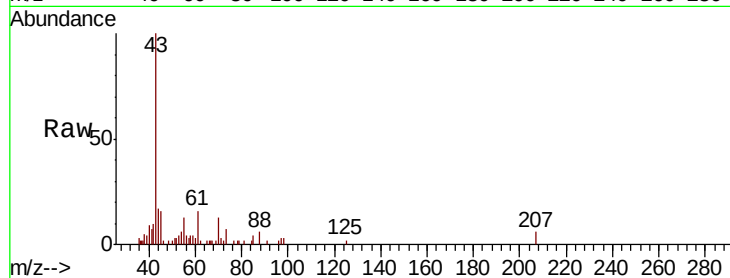




#37
 Ethyl Acetate
 Concen: 3.730 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

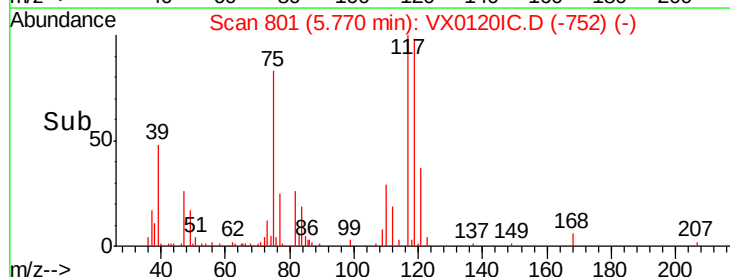
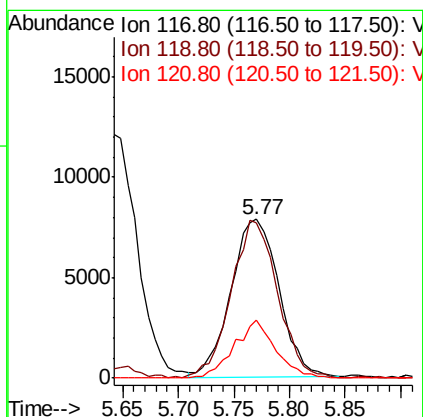
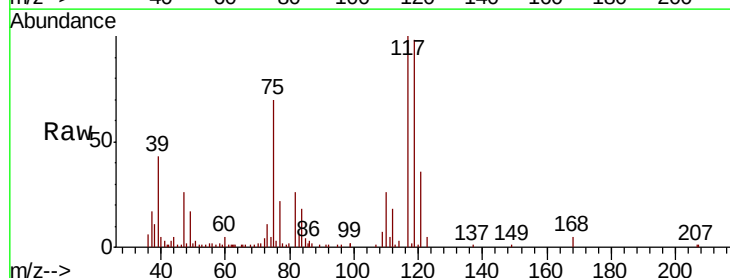
Instrument :
 MSVOA_X
 ClientSampleId :

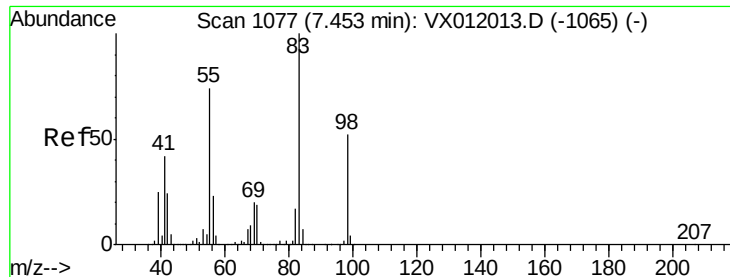
Tgt Ion: 43 Resp: 9184
 Ion Ratio Lower Upper
 43 100
 61 20.4 10.9 16.3#
 70 19.5 9.4 14.0#



#38
 Carbon Tetrachloride
 Concen: 4.723 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion: 117 Resp: 23583
 Ion Ratio Lower Upper
 117 100
 119 98.7 78.3 117.5
 121 36.7 24.2 36.2#

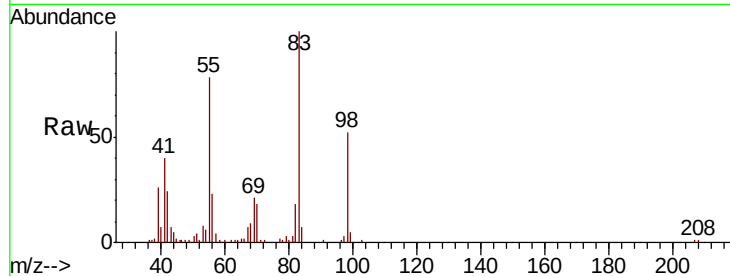




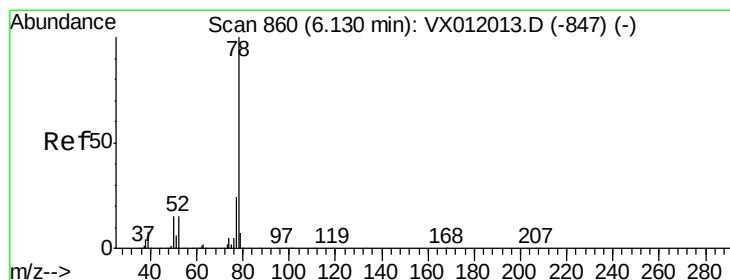
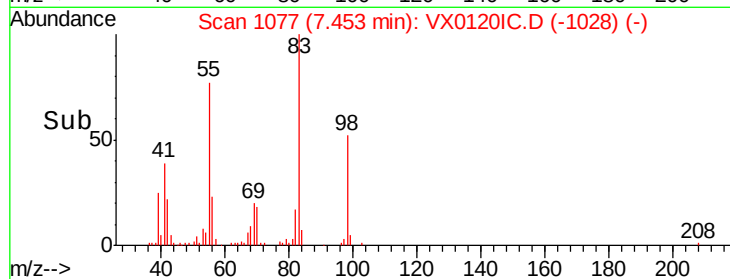
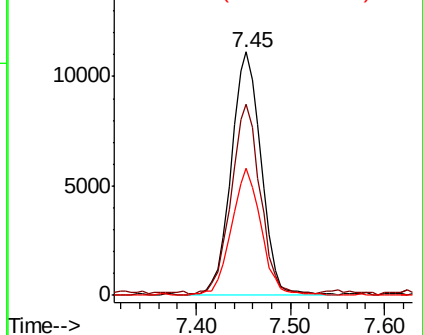
#39
Methylcyclohexane
Concen: 4.802 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83 Resp: 24590
Ion Ratio Lower Upper
83 100
55 77.9 59.6 89.4
98 52.1 41.4 62.0

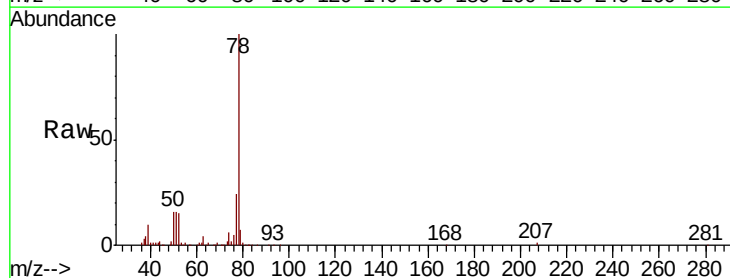


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

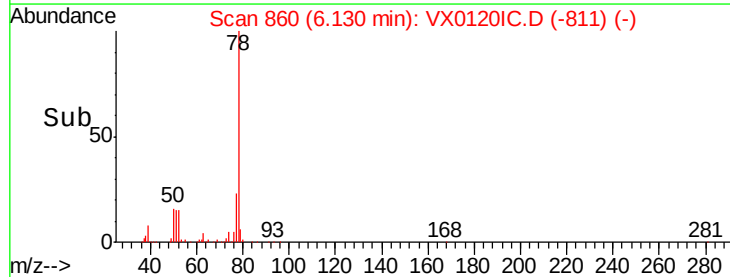
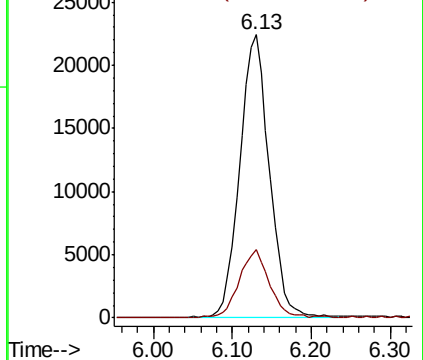


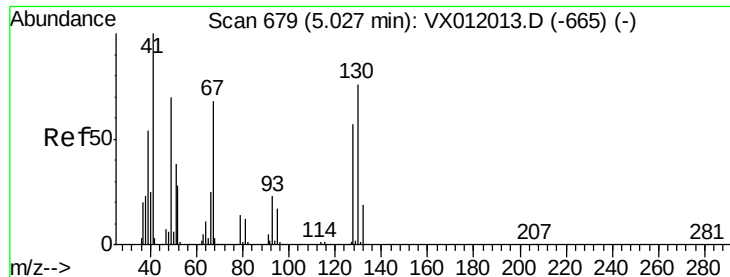
#40
Benzene
Concen: 4.622 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 78 Resp: 58382
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

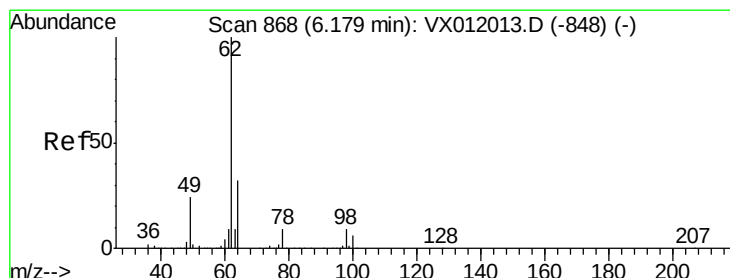
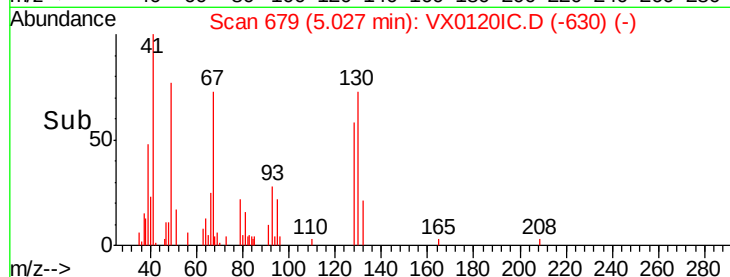
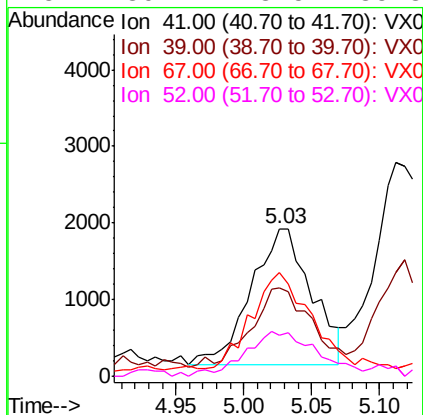
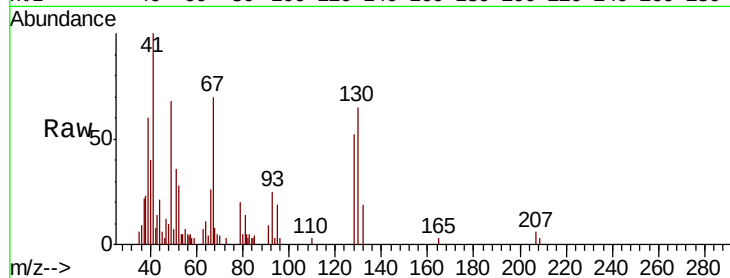




#41
Methacrylonitrile
Concen: 3.814 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

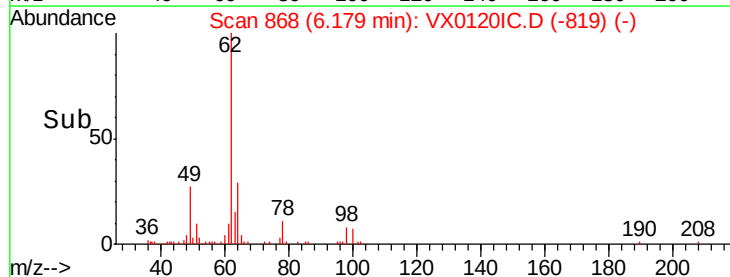
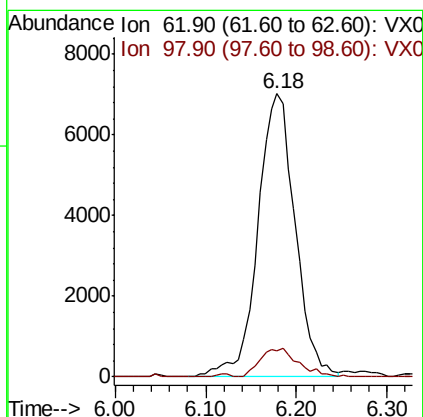
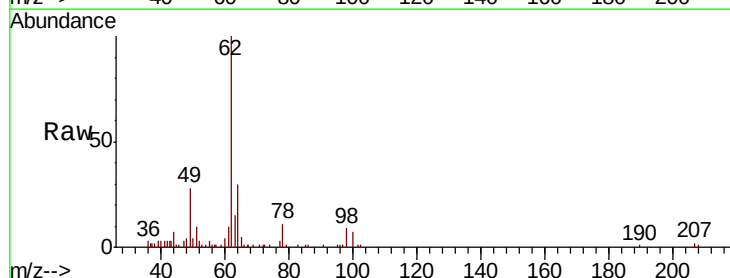
Instrument :
MSVOA_X
ClientSampleId :

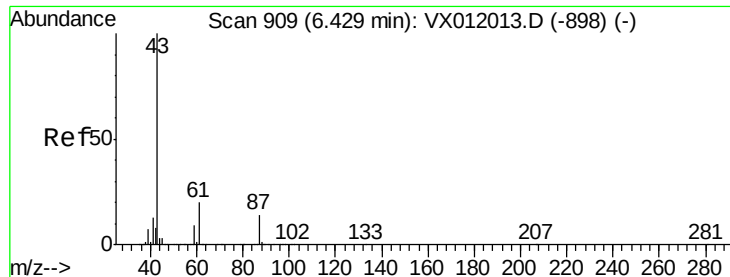
Tgt Ion:	41	Resp:	5550
Ion	Ratio	Lower	Upper
41	100		
39	58.1	46.7	70.1
67	71.3	57.0	85.6
52	39.1	23.5	35.3#



#42
1,2-Dichloroethane
Concen: 4.647 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion:	62	Resp:	19931
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 3.785 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

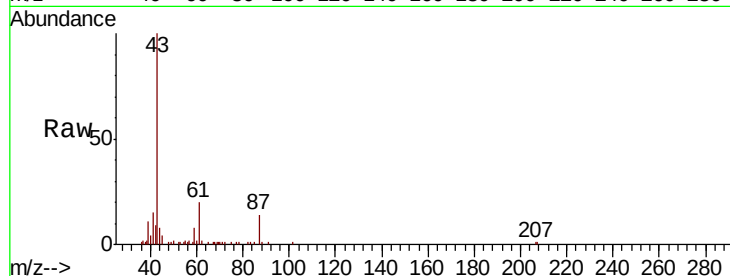
Tgt Ion: 43 Resp: 18937

Ion Ratio Lower Upper

43 100

61 22.3 16.1 24.1

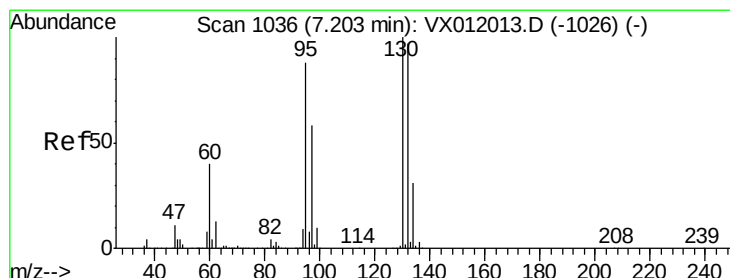
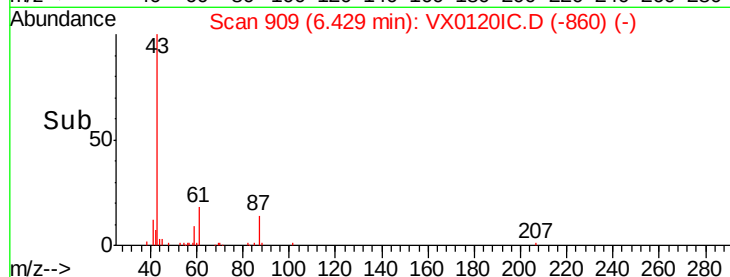
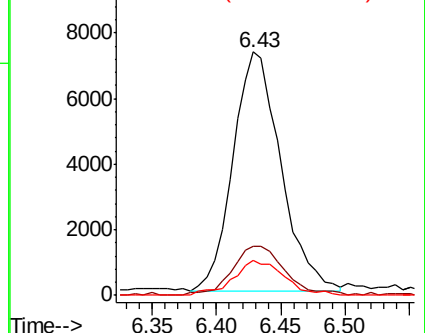
87 15.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.982 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX0120IC.D

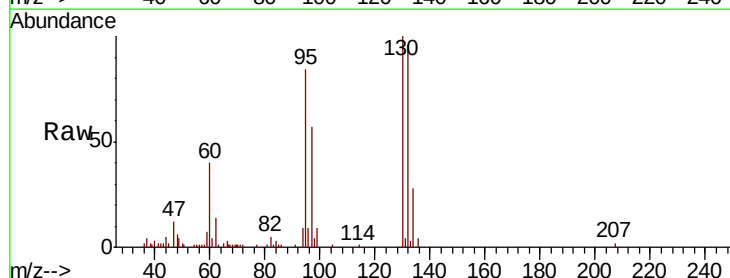
Acq: 02 Sep 2019 12:00

Tgt Ion: 130 Resp: 19738

Ion Ratio Lower Upper

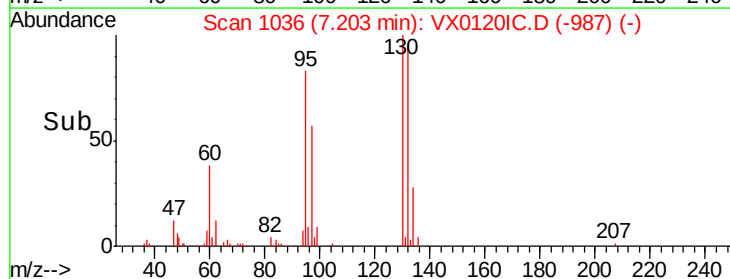
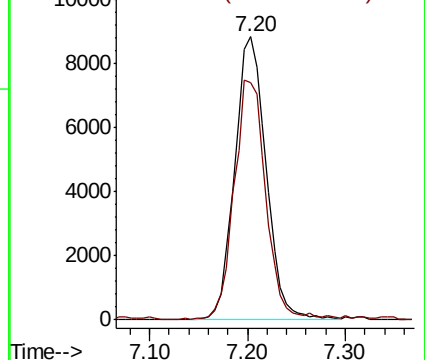
130 100

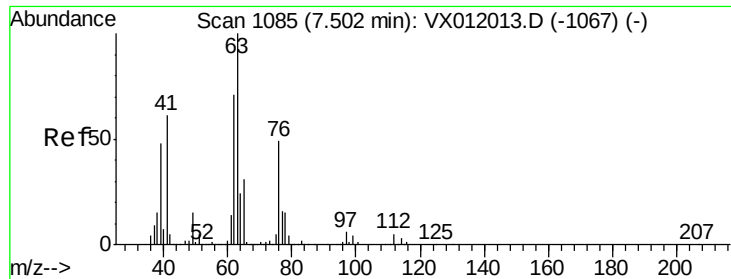
95 83.9 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

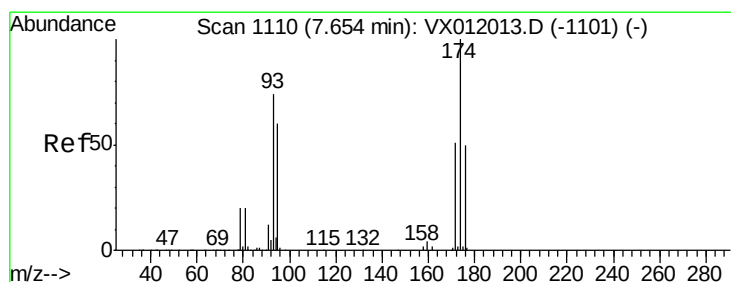
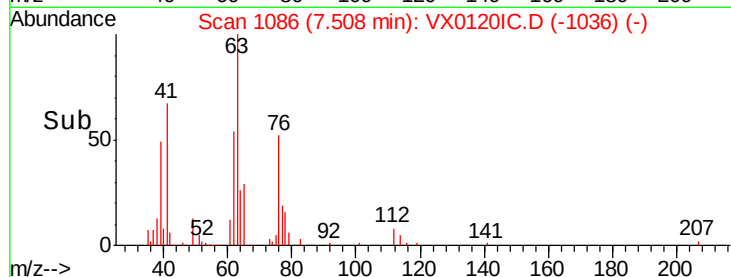
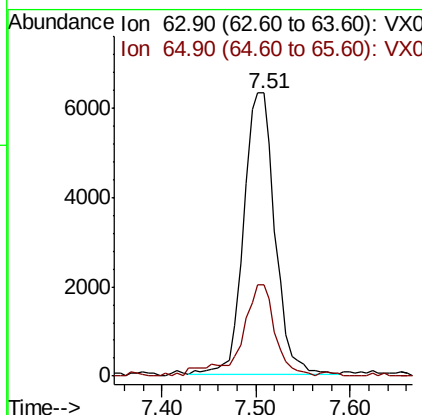
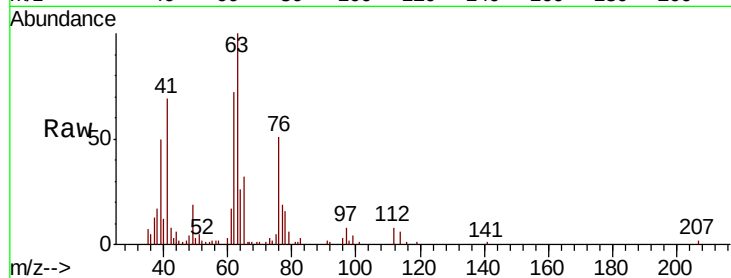




#45
 1,2-Dichloropropane
 Concen: 4.430 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

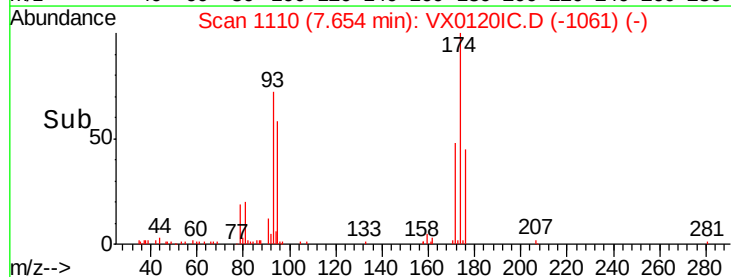
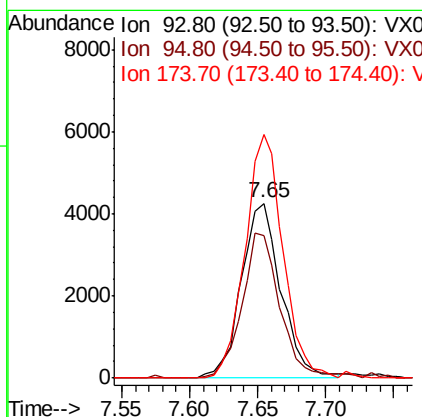
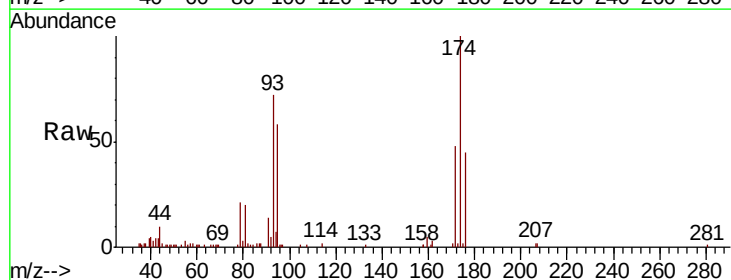
Instrument :
 MSVOA_X
 ClientSampled :

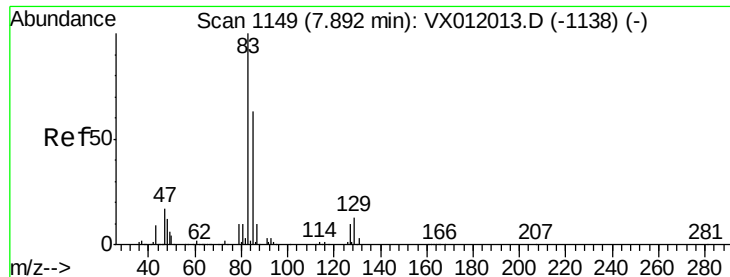
Tgt Ion: 63 Resp: 14555
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 4.436 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion: 93 Resp: 8689
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.2 99.2
 174 132.8 110.2 165.4





#47

Bromodichloromethane

Concen: 4.516 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

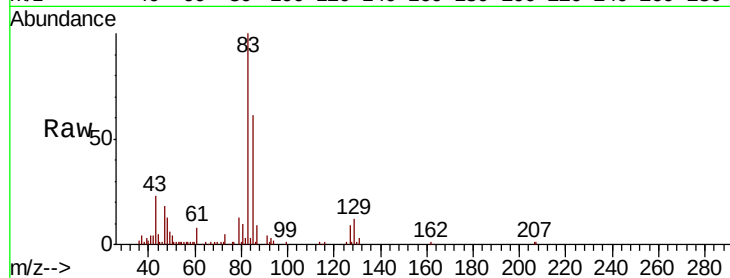
Tgt Ion: 83 Resp: 21899

Ion Ratio Lower Upper

83 100

85 61.1 50.3 75.5

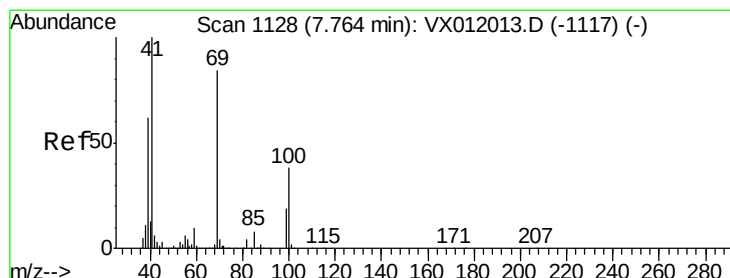
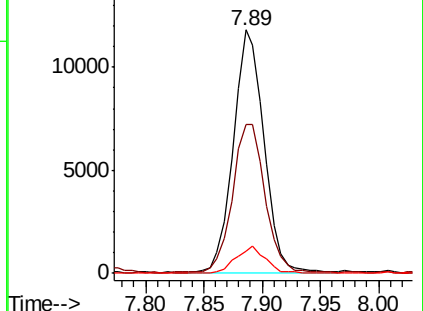
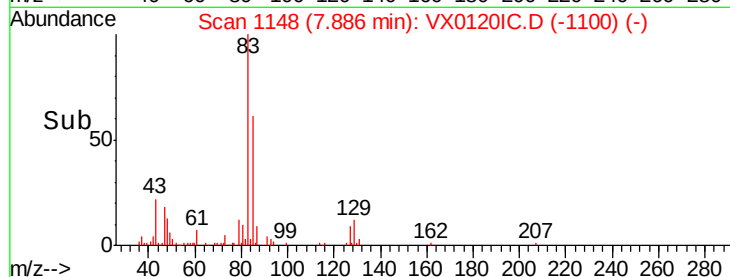
127 9.2 8.1 12.1



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: 3.878 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

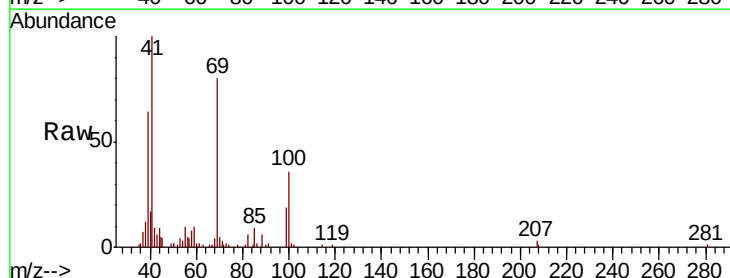
Tgt Ion: 41 Resp: 9440

Ion Ratio Lower Upper

41 100

69 85.3 66.3 99.5

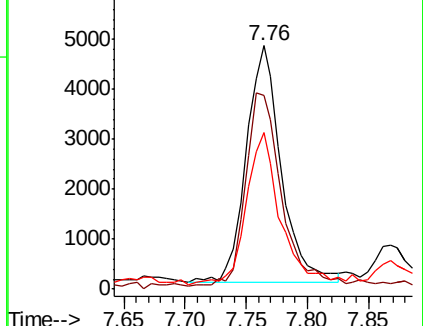
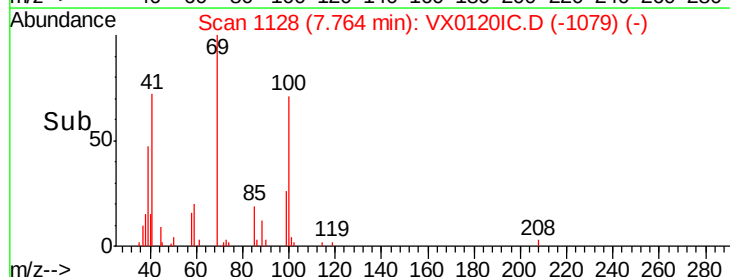
39 63.7 48.1 72.1

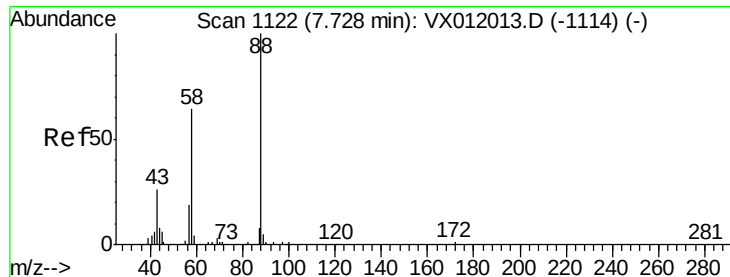


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

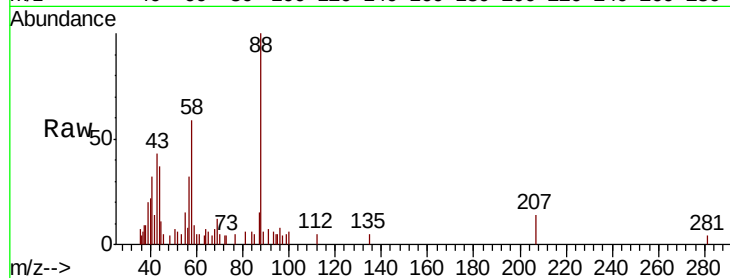




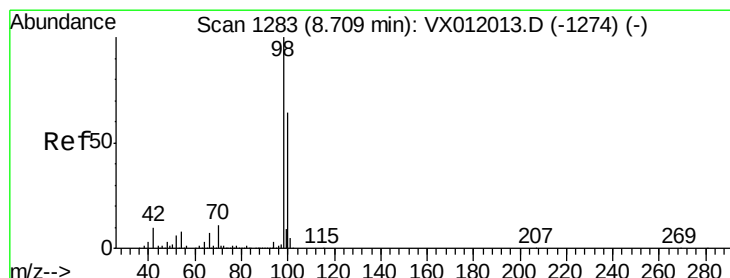
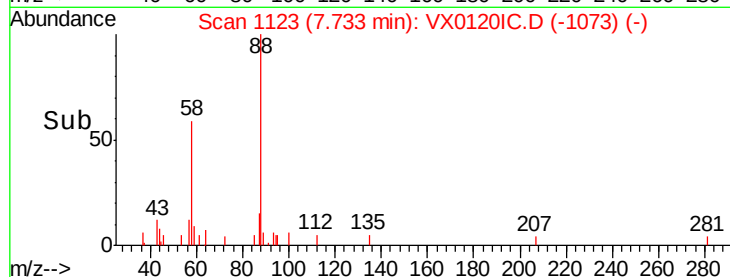
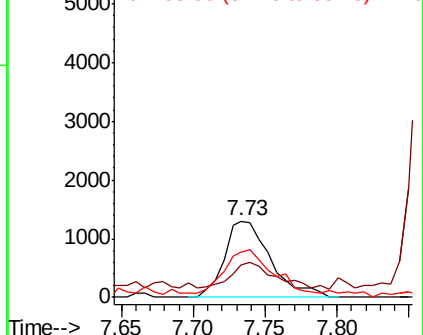
#49
 1,4-Dioxane
 Concen: 87.210 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 88 Resp: 2904
 Ion Ratio Lower Upper
 88 100
 43 35.6 29.8 44.6
 58 58.1 55.4 83.2

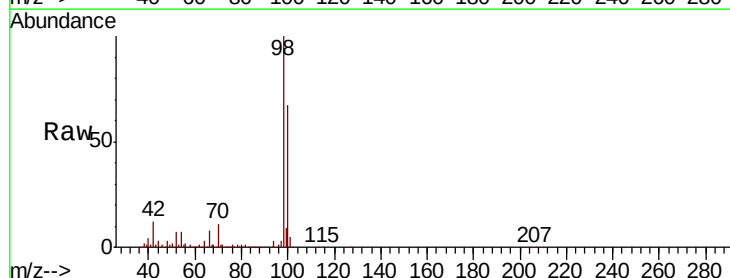


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

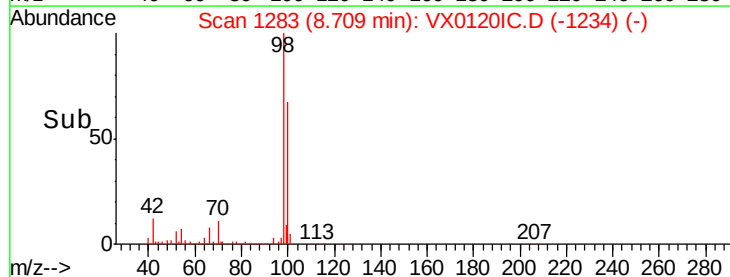
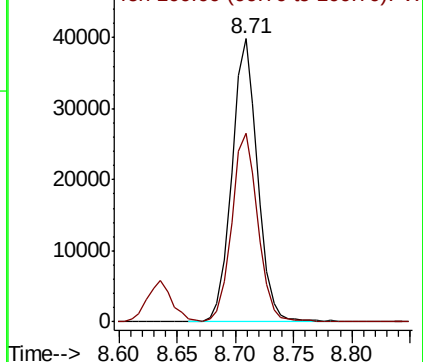


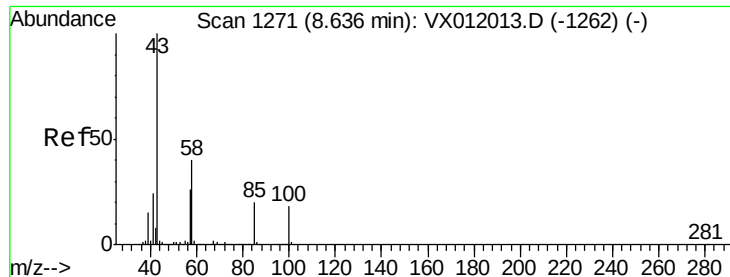
#50
 Toluene-d8
 Concen: 4.914 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion: 98 Resp: 61243
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 19.004 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

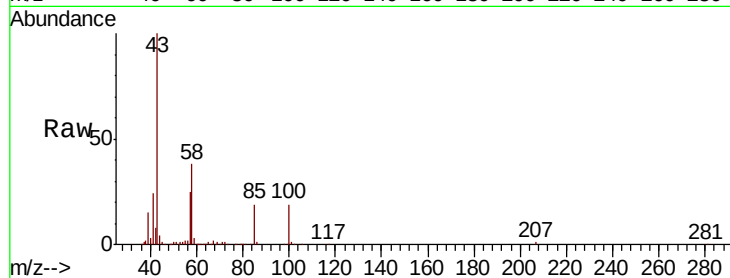
ClientSampleId :

Tgt Ion: 43 Resp: 48214

Ion Ratio Lower Upper

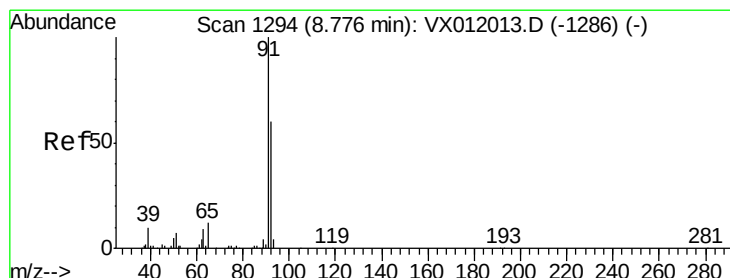
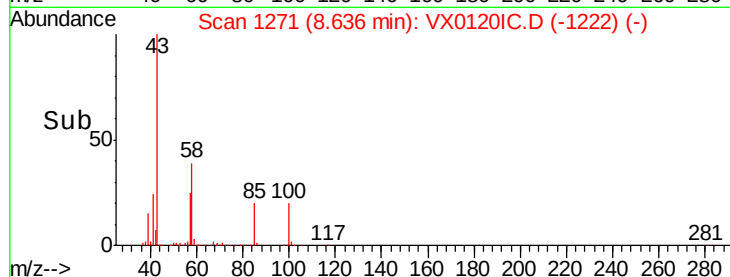
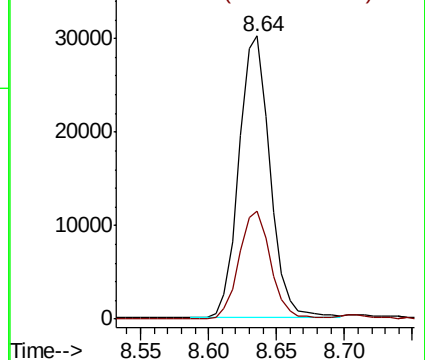
43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.667 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX0120IC.D

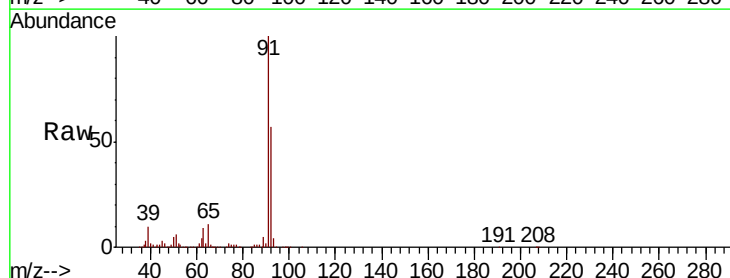
Acq: 02 Sep 2019 12:00

Tgt Ion: 92 Resp: 39173

Ion Ratio Lower Upper

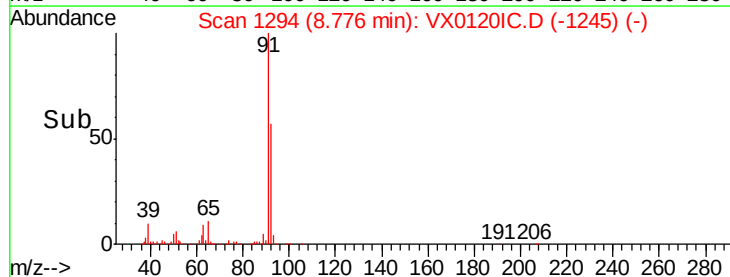
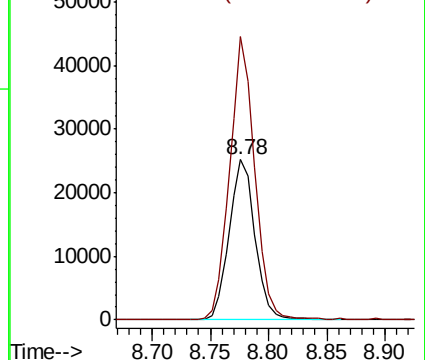
92 100

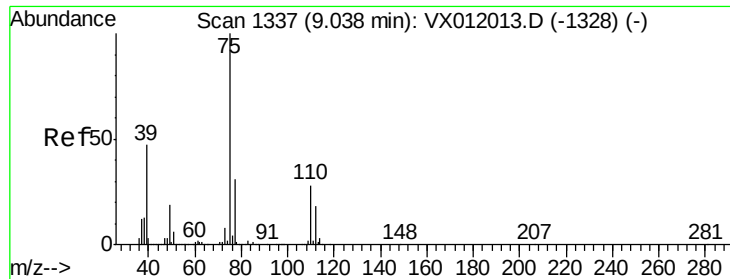
91 170.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.408 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

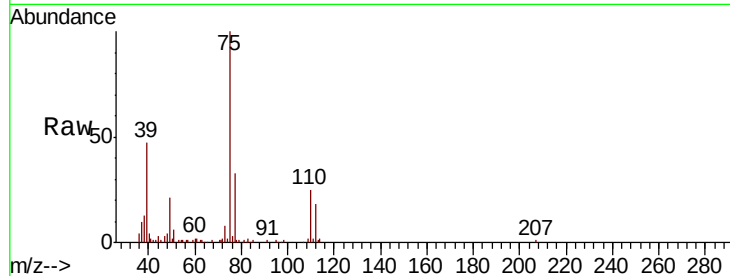
ClientSampleId :

Tgt Ion: 75 Resp: 21887

Ion Ratio Lower Upper

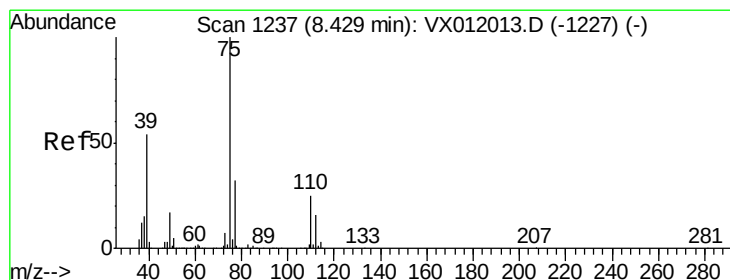
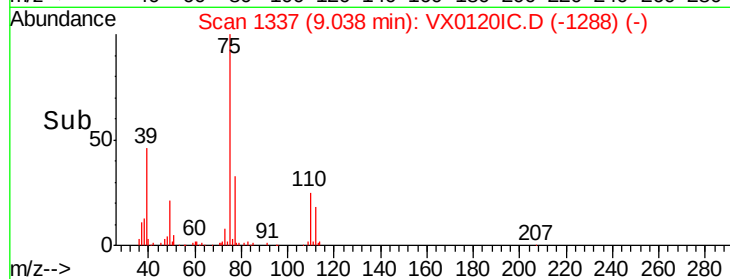
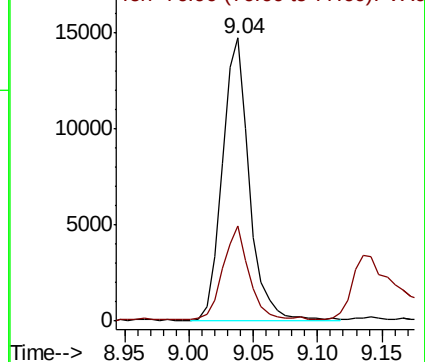
75 100

77 32.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.541 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

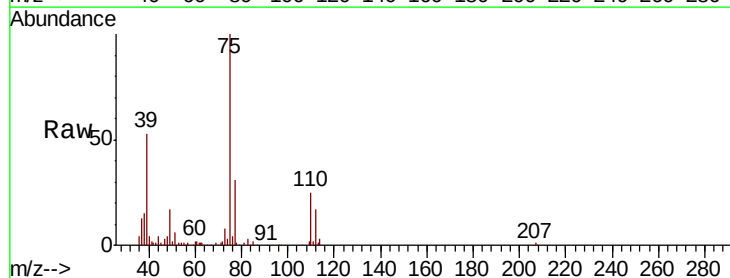
Tgt Ion: 75 Resp: 25310

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

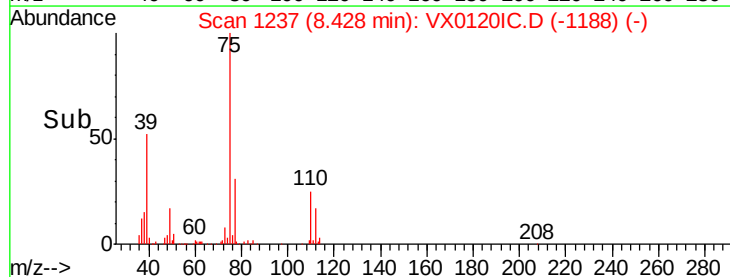
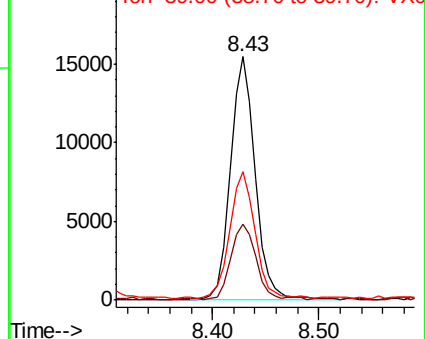
39 51.5 43.0 64.4

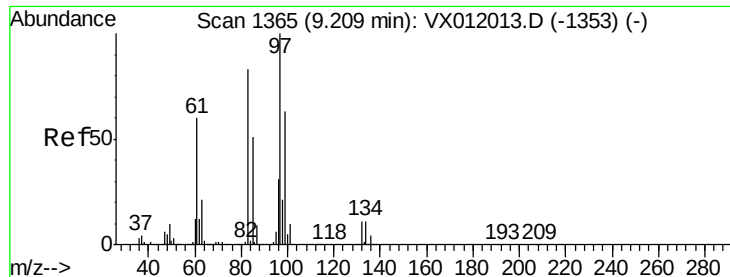


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

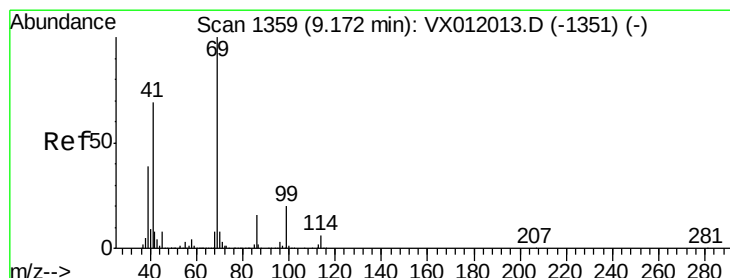
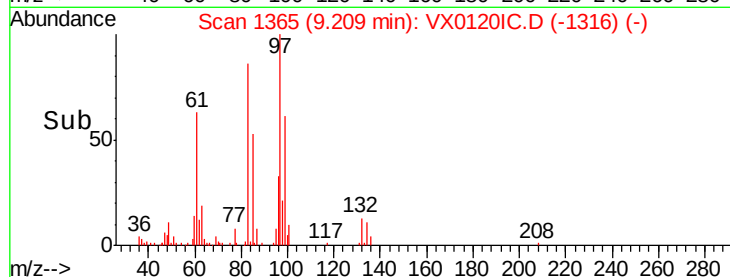
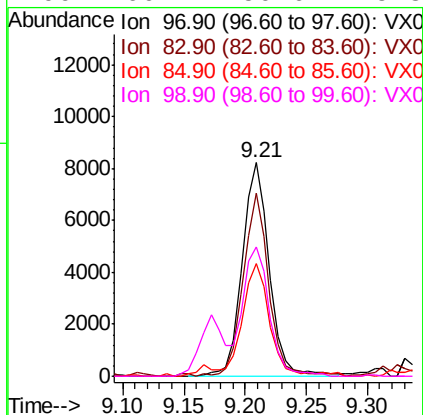
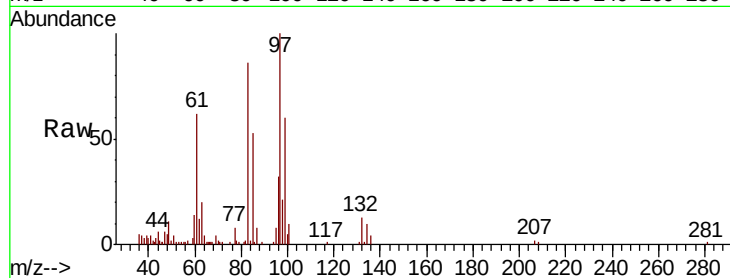




#55
 1,1,2-Trichloroethane
 Concen: 4.408 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

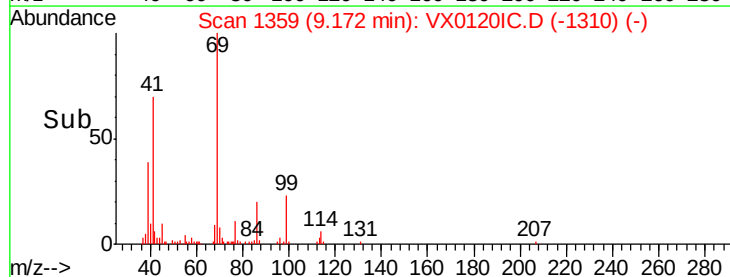
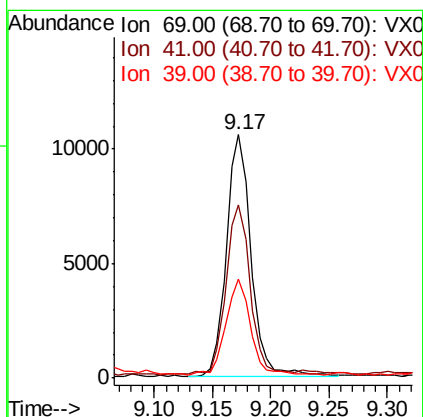
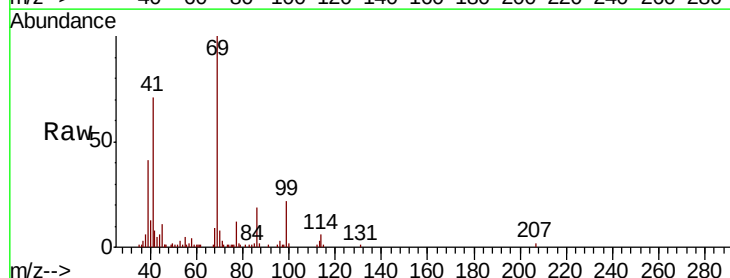
Instrument :
 MSVOA_X
 ClientSampleId :

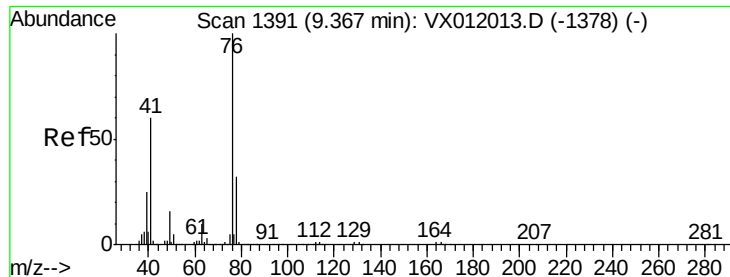
Tgt Ion:	97	Resp:	12631
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.0	99.0
85	51.7	41.0	61.6
99	60.4	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 3.935 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion:	69	Resp:	15541
Ion	Ratio	Lower	Upper
69	100		
41	70.1	53.9	80.9
39	39.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 4.336 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

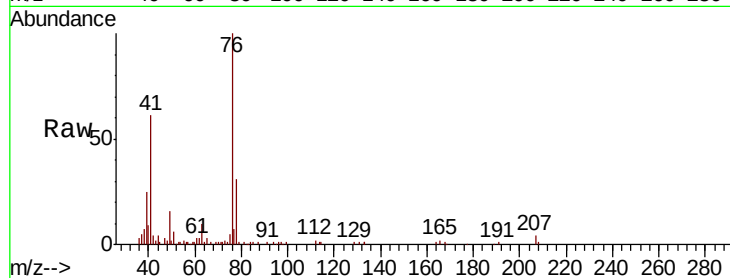
ClientSampleId :

Tgt Ion: 76 Resp: 20584

Ion Ratio Lower Upper

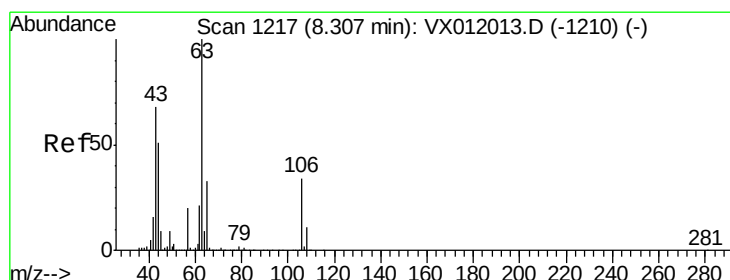
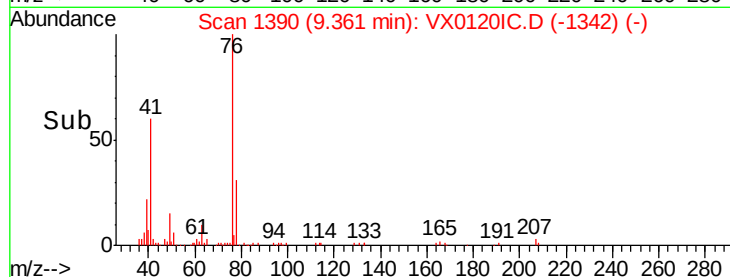
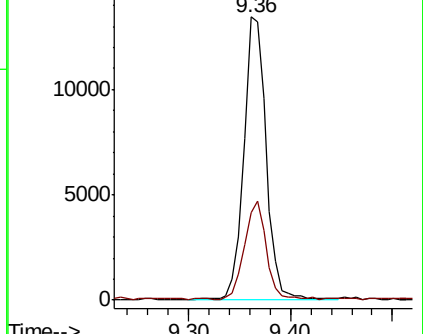
76 100

78 34.6 25.5 38.3



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: 21.277 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX0120IC.D

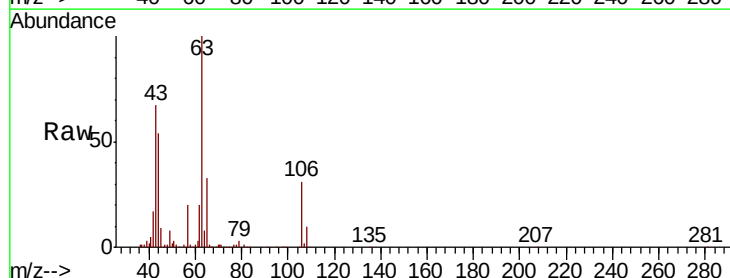
Acq: 02 Sep 2019 12:00

Tgt Ion: 63 Resp: 39391

Ion Ratio Lower Upper

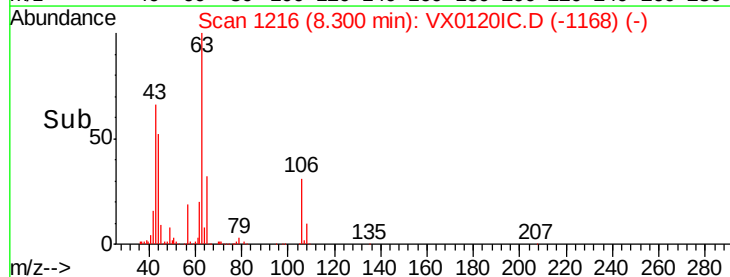
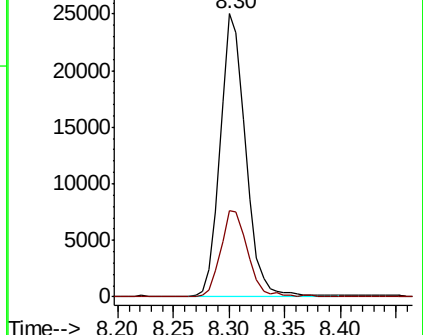
63 100

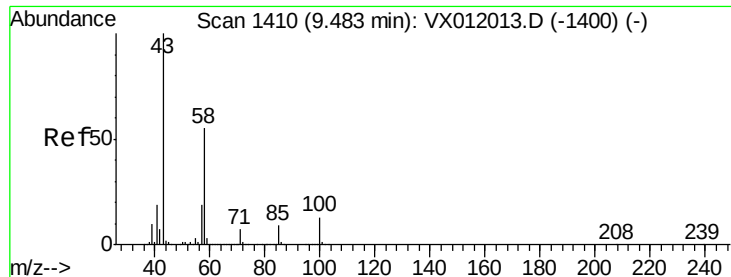
106 32.5 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

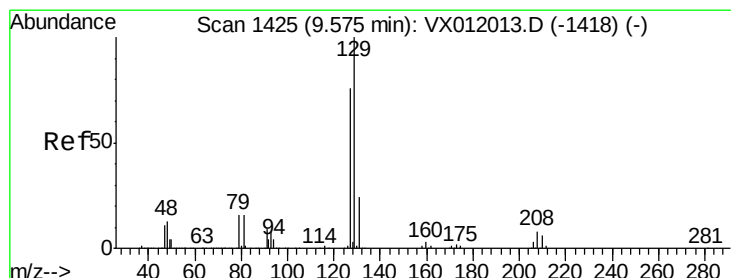
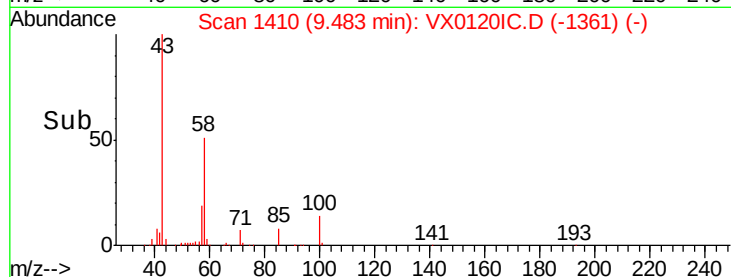
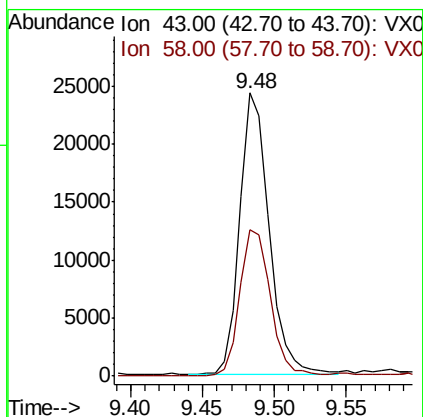
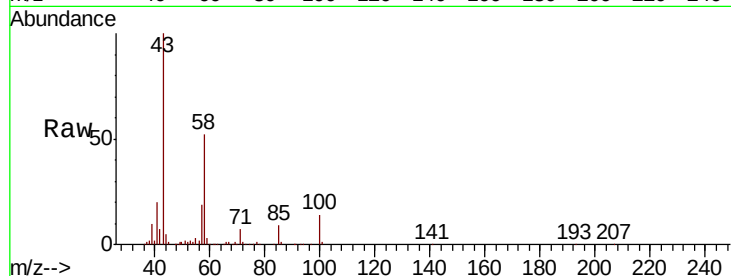




#59
2-Hexanone
Concen: 19.064 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

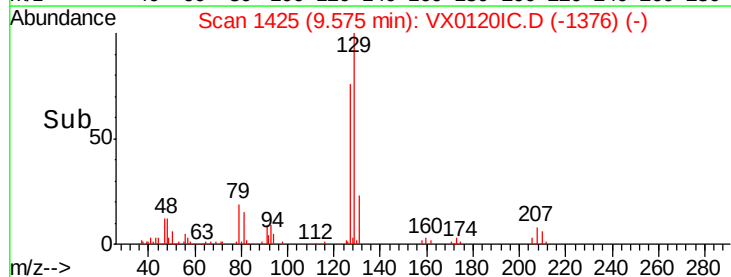
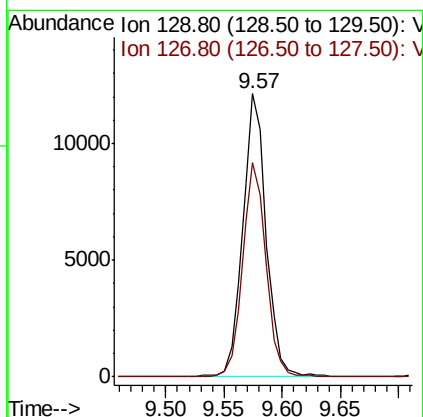
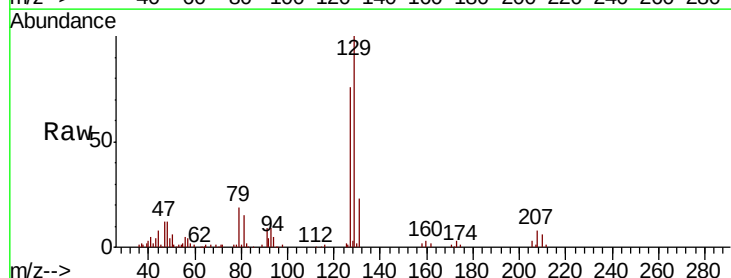
Instrument :
MSVOA_X
ClientSampleId :

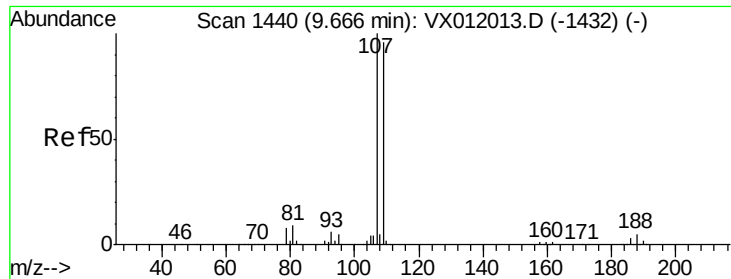
Tgt Ion: 43 Resp: 34382
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.6



#60
Dibromochloromethane
Concen: 4.403 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 129 Resp: 16991
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 4.267 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

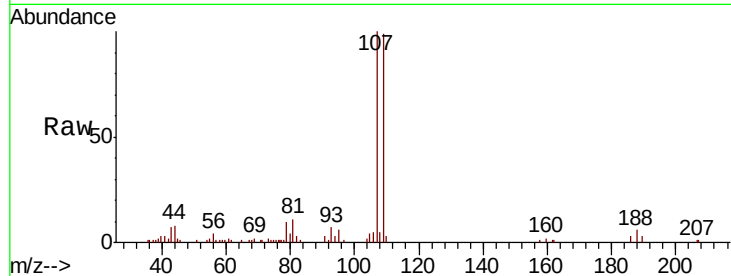
ClientSampleId :

Tgt Ion: 107 Resp: 12124

Ion Ratio Lower Upper

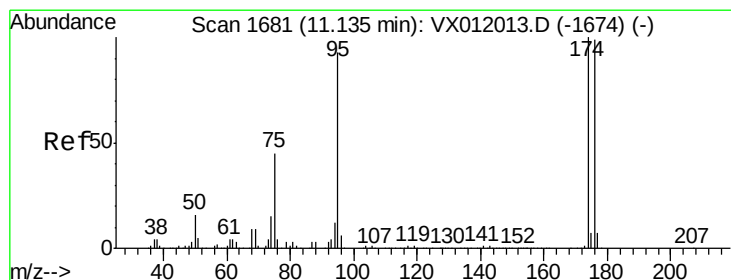
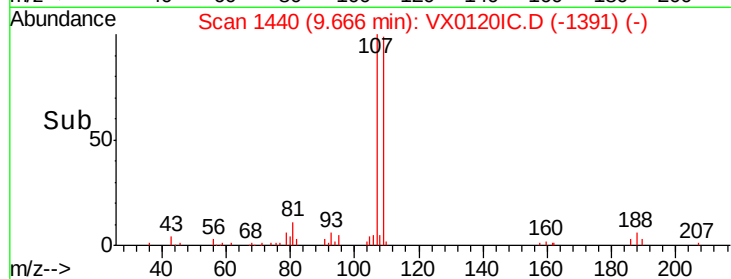
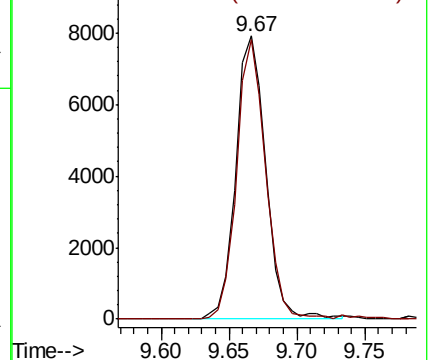
107 100

109 95.1 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.627 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

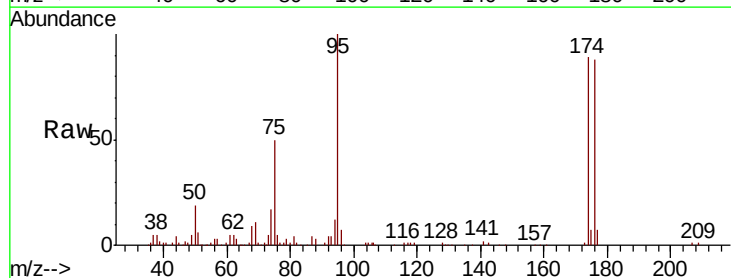
Tgt Ion: 95 Resp: 25210

Ion Ratio Lower Upper

95 100

174 105.0 0.0 205.4

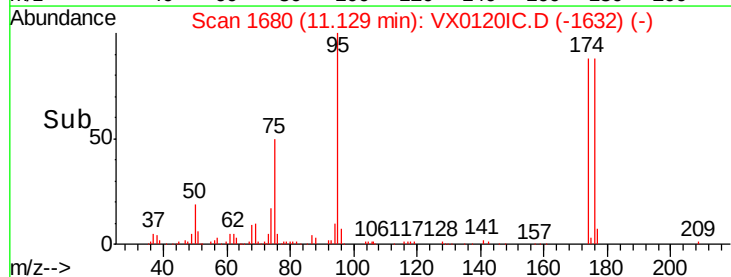
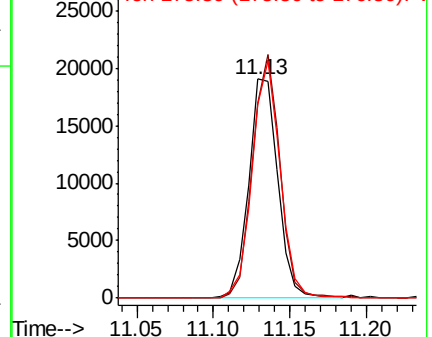
176 103.1 0.0 201.8

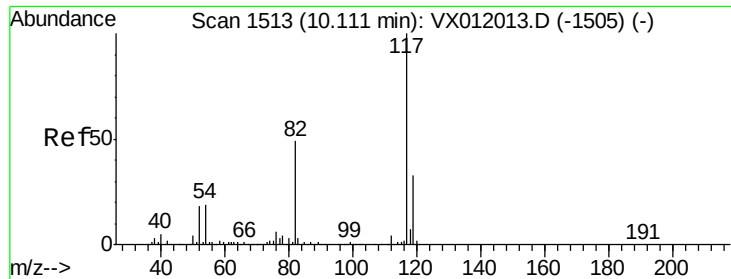


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

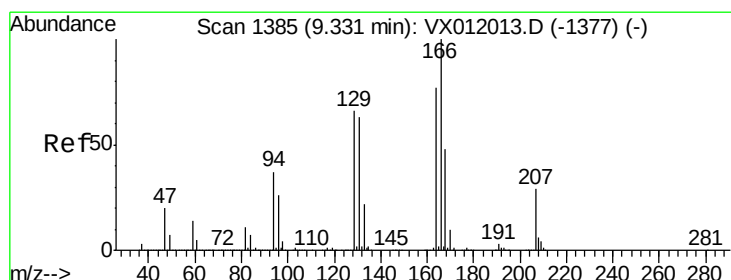
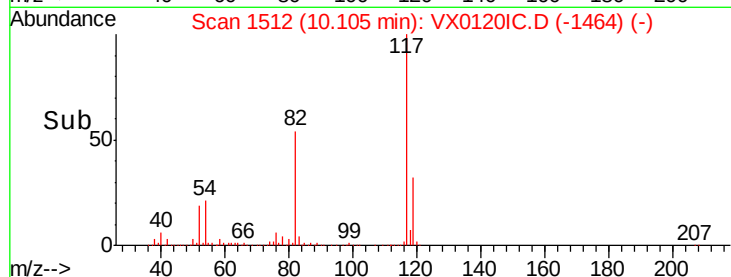
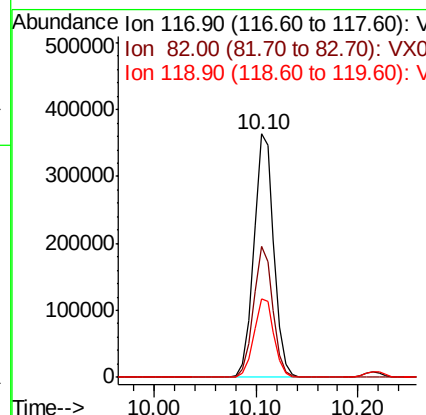
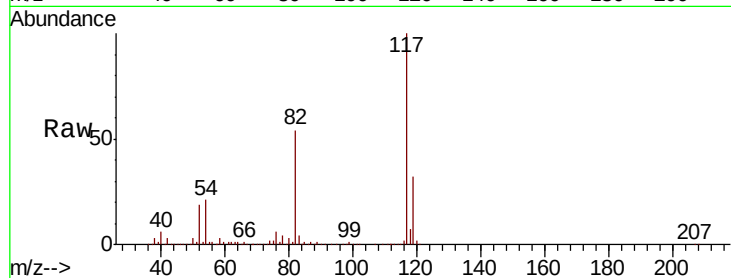




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

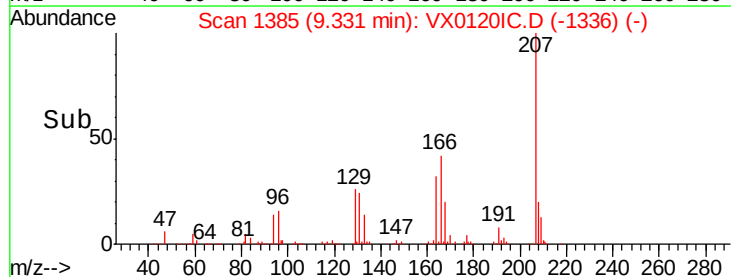
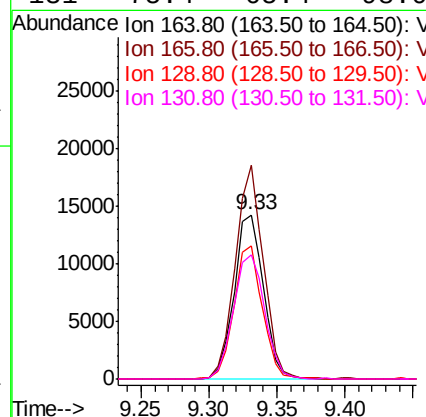
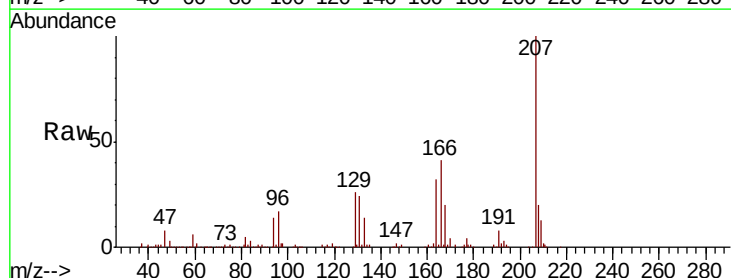
Instrument :
MSVOA_X
ClientSampleId :

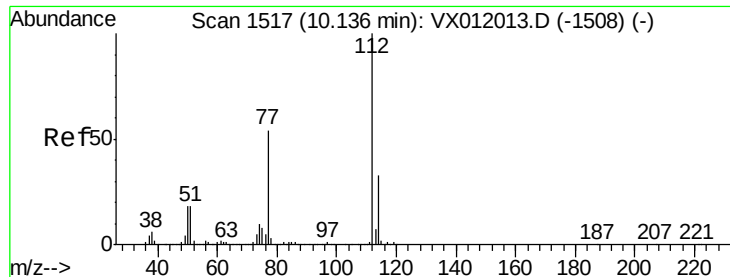
Tgt Ion:117 Resp: 495035
Ion Ratio Lower Upper
117 100
82 53.5 39.4 59.0
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 5.334 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion:164 Resp: 21320
Ion Ratio Lower Upper
164 100
166 130.2 104.3 156.5
129 81.2 68.3 102.5
131 75.4 65.4 98.0

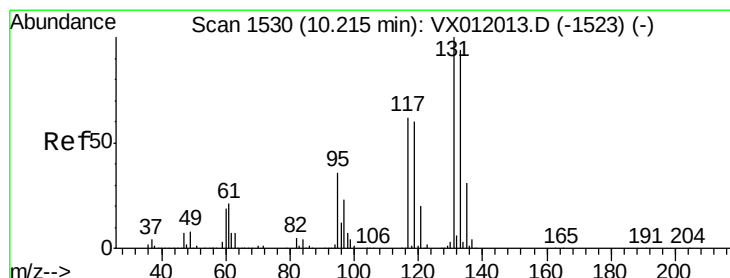
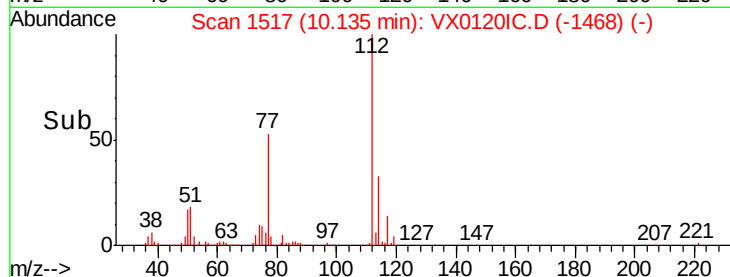
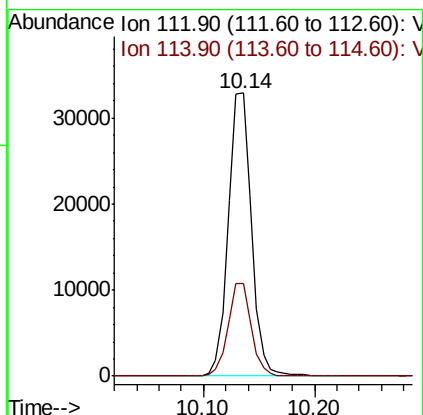
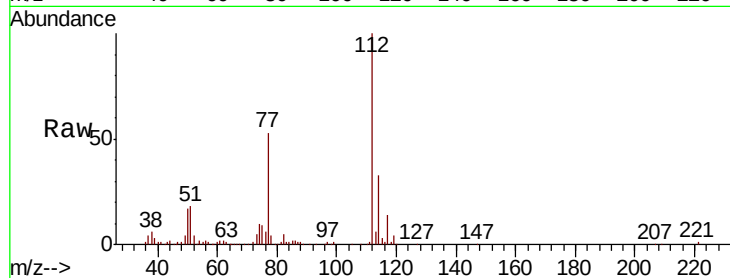




#65
Chlorobenzene
Concen: 4.967 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

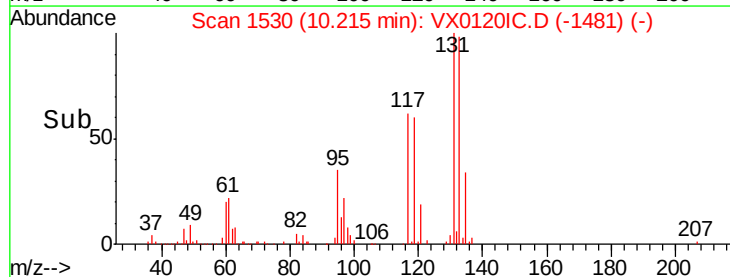
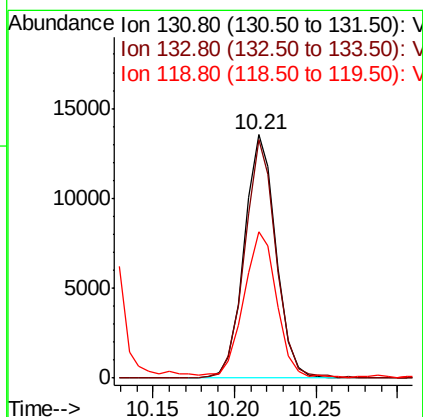
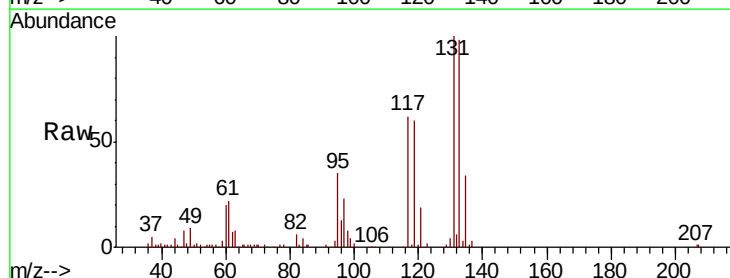
Instrument :
MSVOA_X
ClientSampleId :

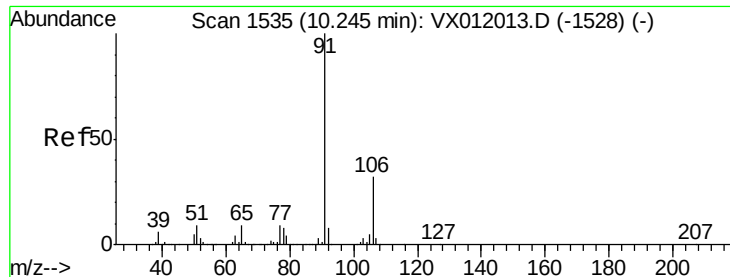
Tgt Ion:112 Resp: 47408
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.749 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion:131 Resp: 18291
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.0
119 63.5 30.5 91.5





#67

Ethyl Benzene

Concen: 4.914 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

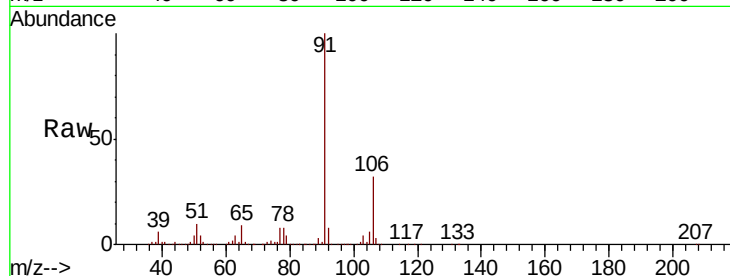
ClientSampled :

Tgt Ion: 91 Resp: 79675

Ion Ratio Lower Upper

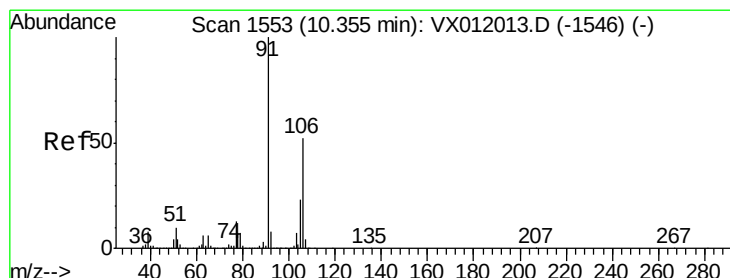
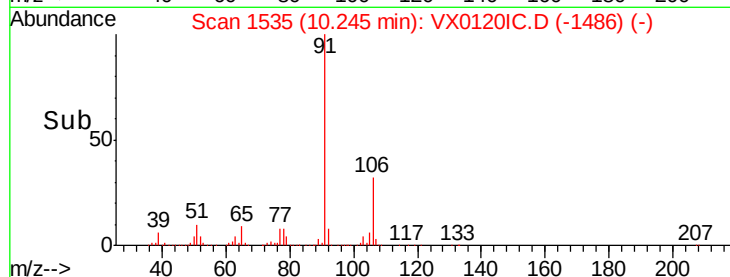
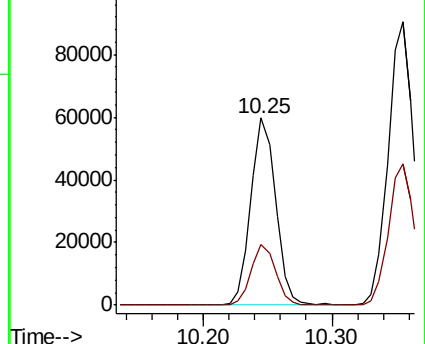
91 100

106 32.2 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.029 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0120IC.D

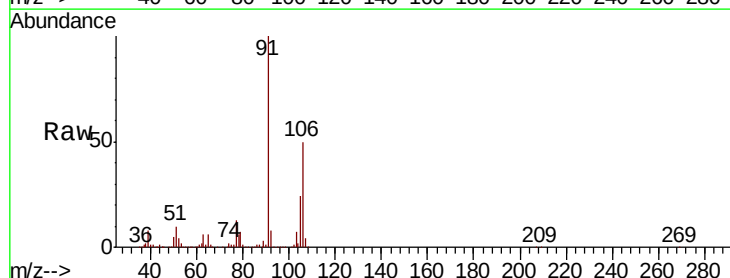
Acq: 02 Sep 2019 12:00

Tgt Ion: 106 Resp: 62883

Ion Ratio Lower Upper

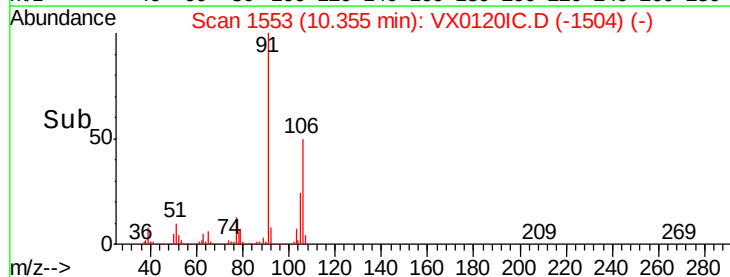
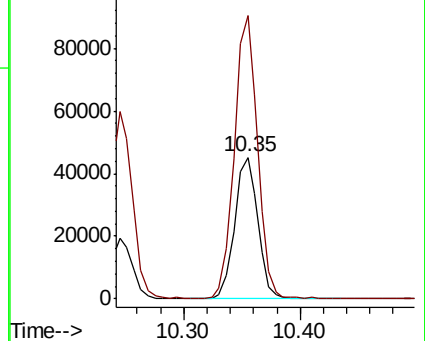
106 100

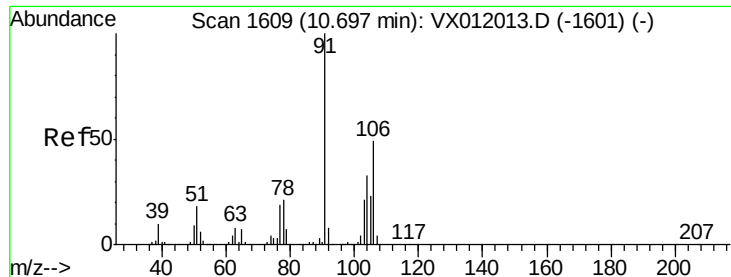
91 199.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

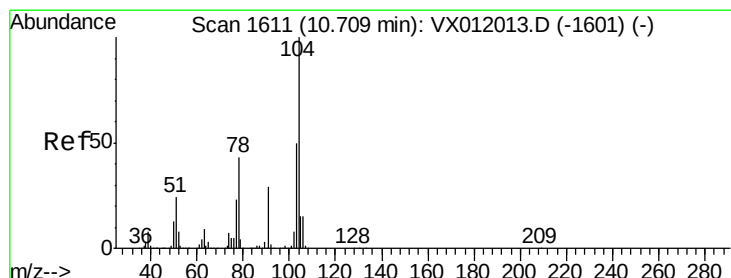
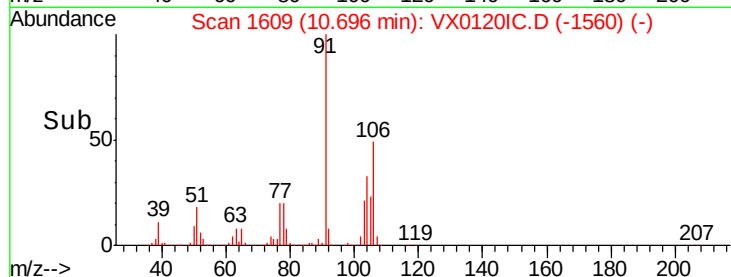
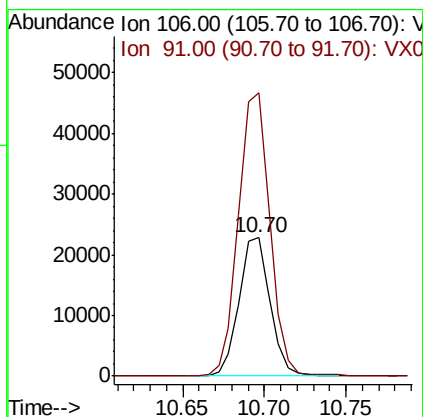
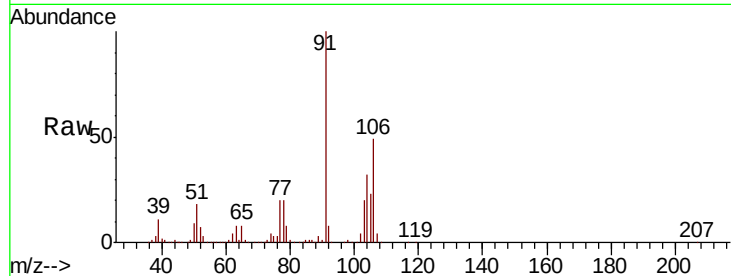




#69
o-Xylene
Concen: 4.983 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

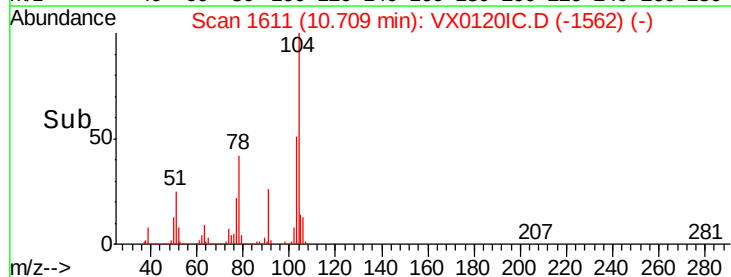
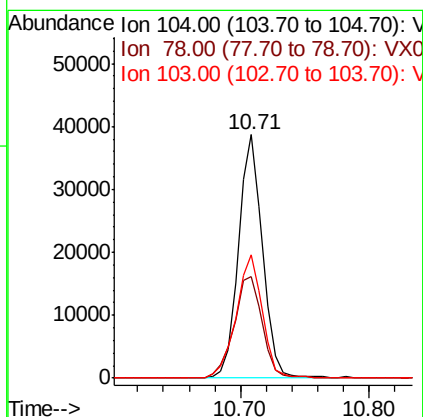
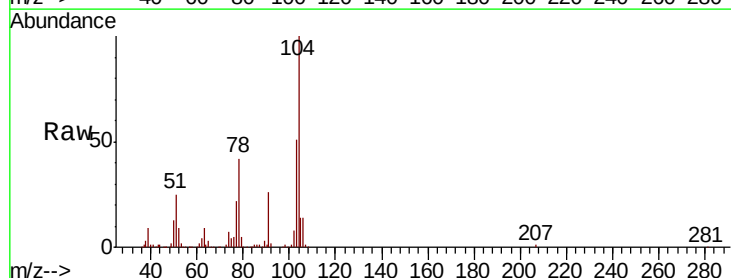
Instrument :
MSVOA_X
ClientSampled :

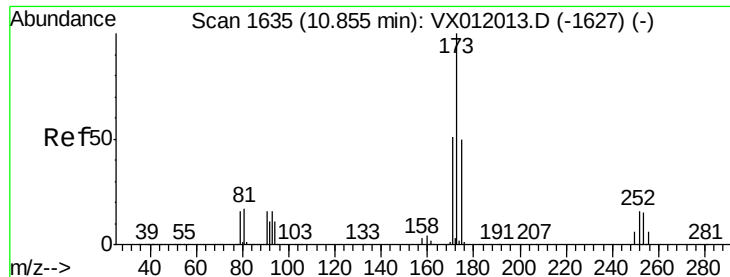
Tgt Ion:106 Resp: 30402
Ion Ratio Lower Upper
106 100
91 206.8 103.5 310.3



#70
Styrene
Concen: 4.657 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion:104 Resp: 49869
Ion Ratio Lower Upper
104 100
78 49.9 39.1 58.7
103 55.9 43.4 65.2





#71

Bromoform

Concen: 4.446 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

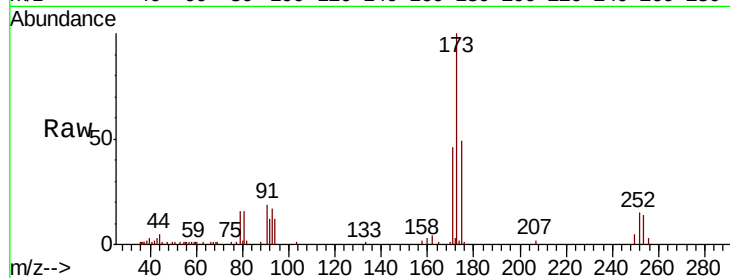
Tgt Ion:173 Resp: 12105

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

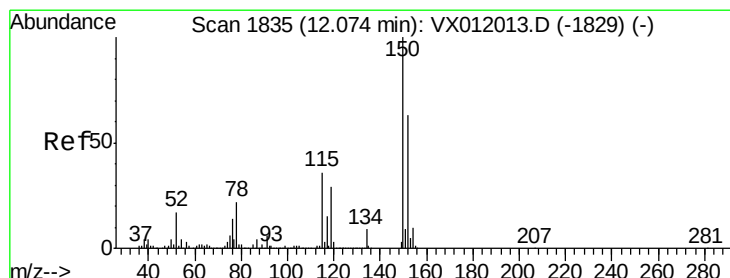
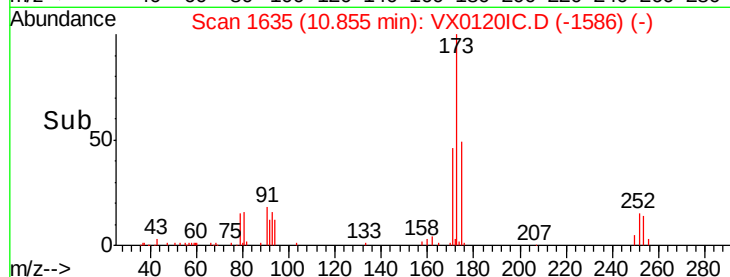
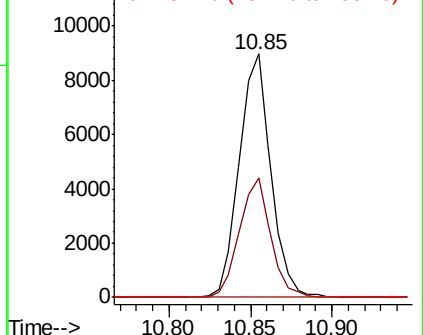
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

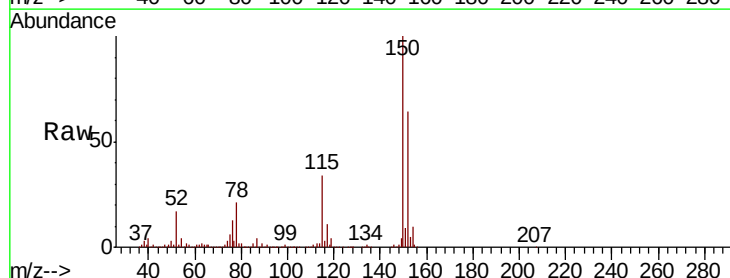
Tgt Ion:152 Resp: 295256

Ion Ratio Lower Upper

152 100

115 54.1 36.4 109.3

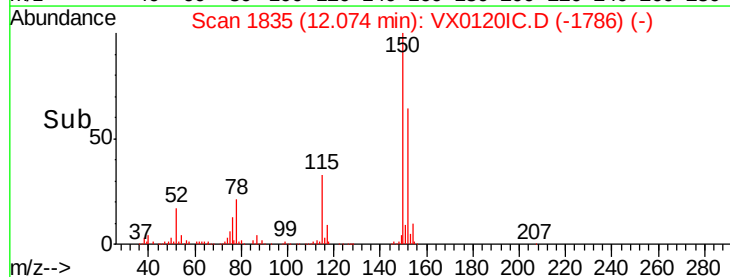
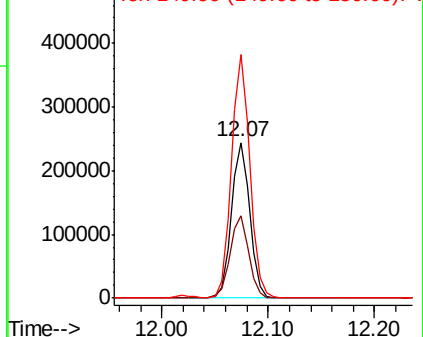
150 156.6 0.0 341.2

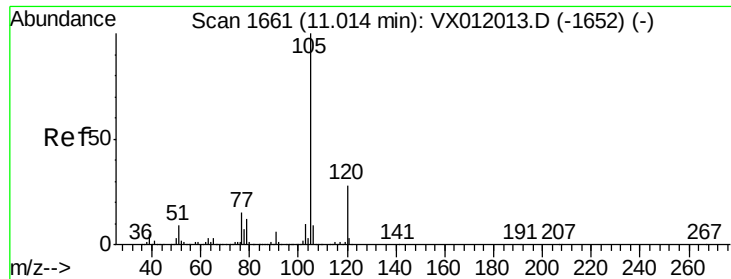


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

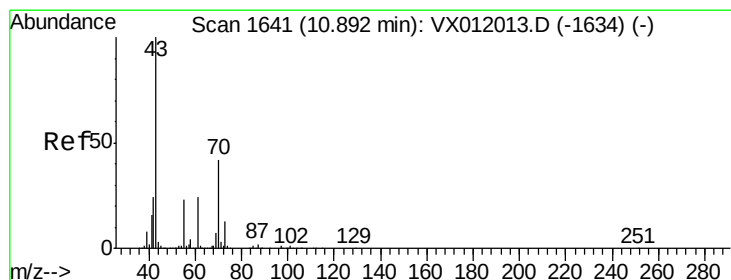
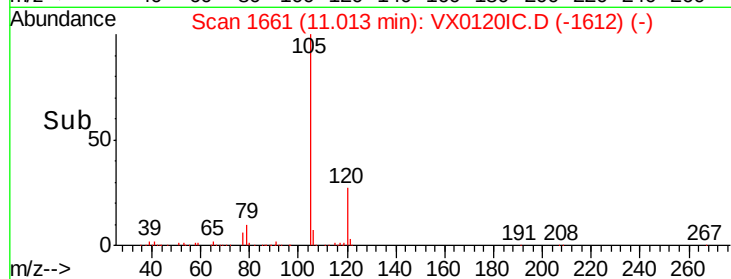
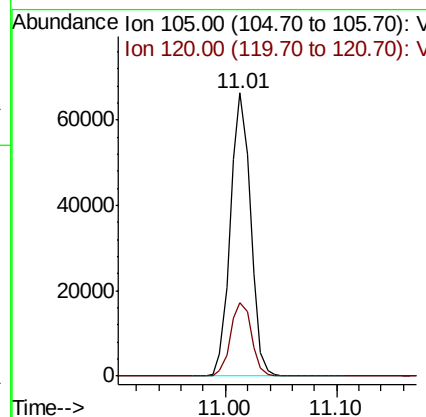
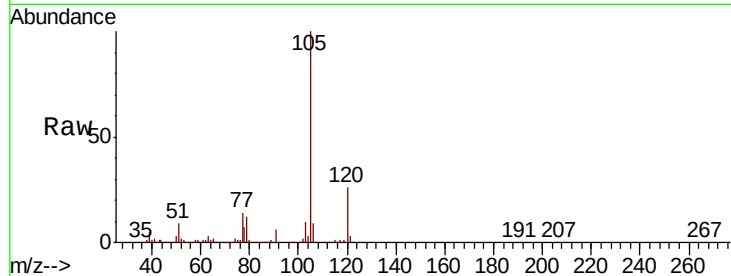




#73
Isopropylbenzene
Concen: 4.927 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

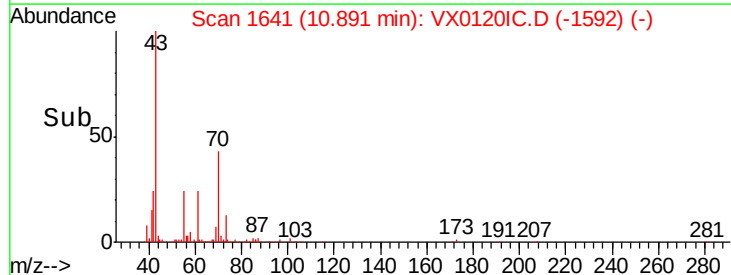
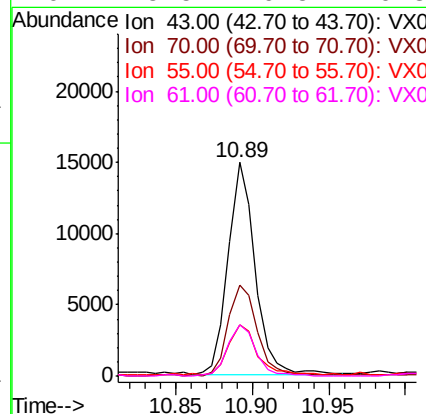
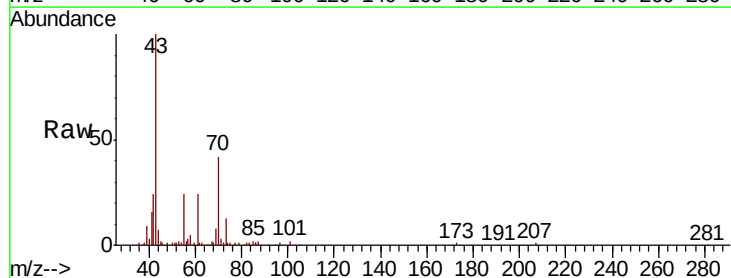
Instrument :
MSVOA_X
ClientSampleId :

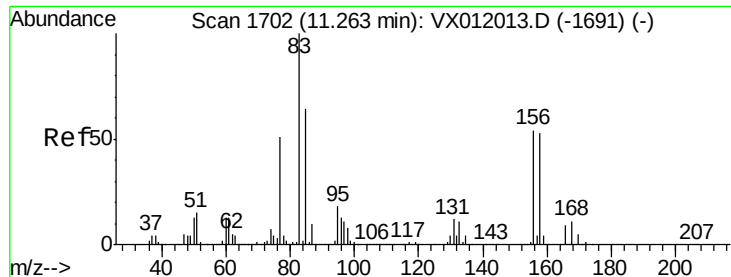
Tgt Ion: 105 Resp: 83460
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.6



#74
N-ethyl acetate
Concen: 3.697 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 43 Resp: 18164
Ion Ratio Lower Upper
43 100
70 47.6 34.4 51.6
55 25.5 18.5 27.7
61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.250 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampled :

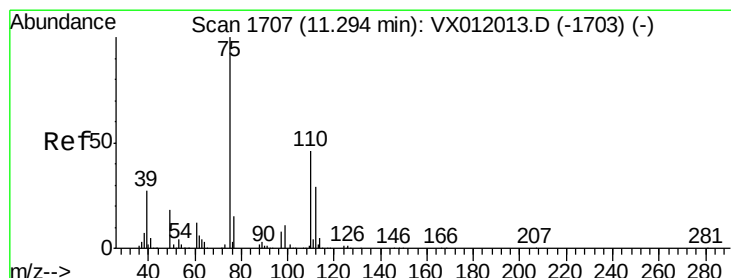
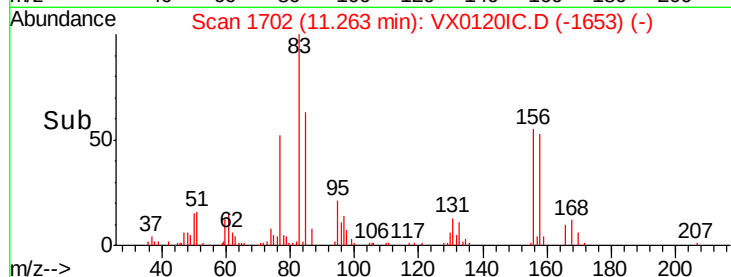
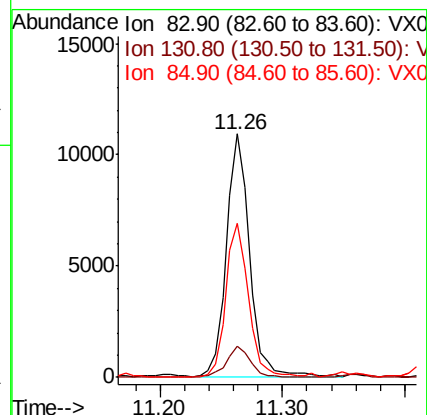
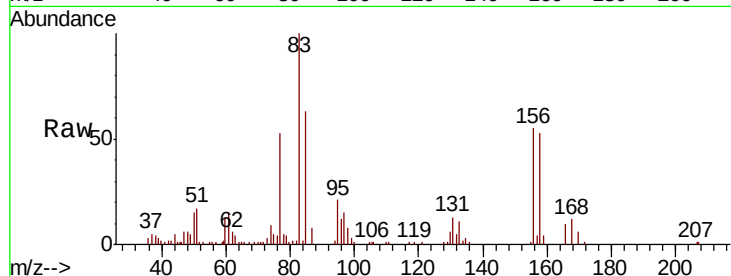
Tgt Ion: 83 Resp: 14481

Ion Ratio Lower Upper

83 100

131 12.9 6.3 19.1

85 62.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 5.452 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX0120IC.D

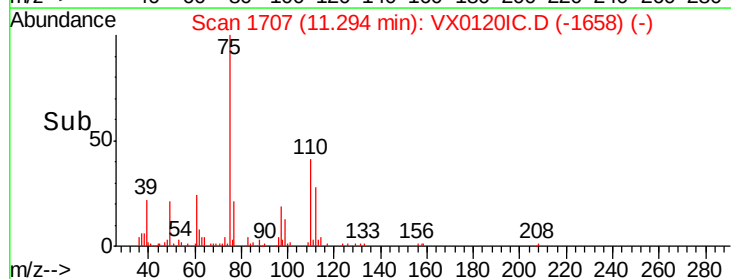
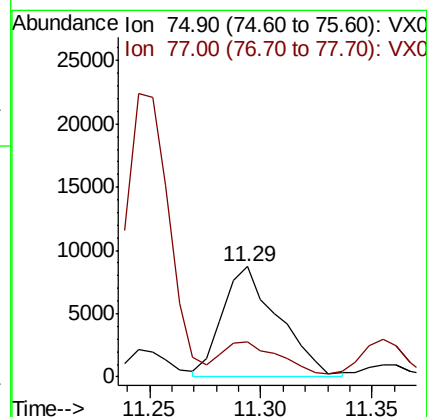
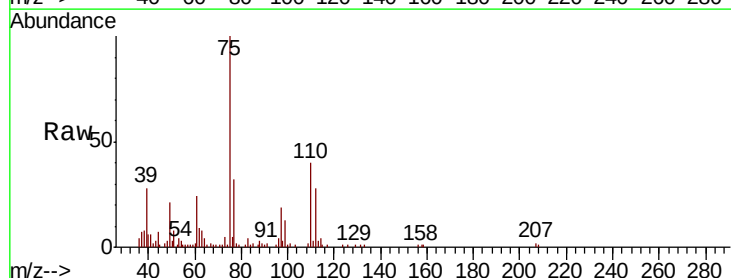
Acq: 02 Sep 2019 12:00

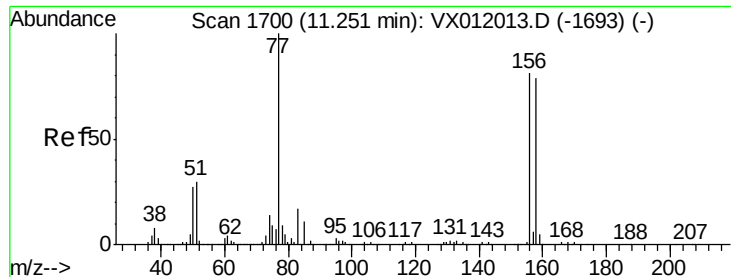
Tgt Ion: 75 Resp: 15239

Ion Ratio Lower Upper

75 100

77 32.2 23.5 70.5





#77

Bromobenzene

Concen: 4.912 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

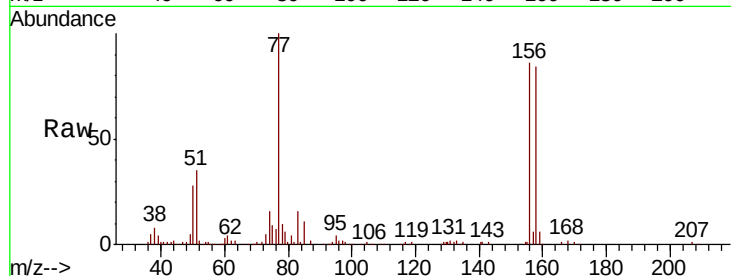
Tgt Ion:156 Resp: 24138

Ion Ratio Lower Upper

156 100

77 127.6 63.4 190.2

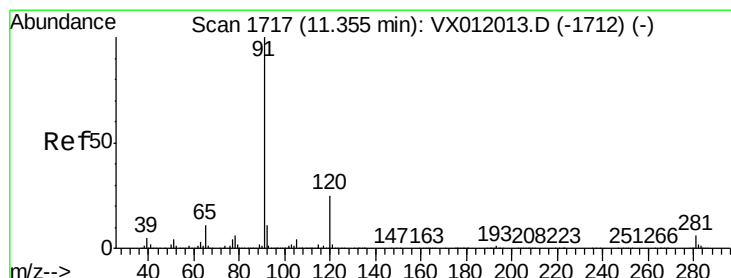
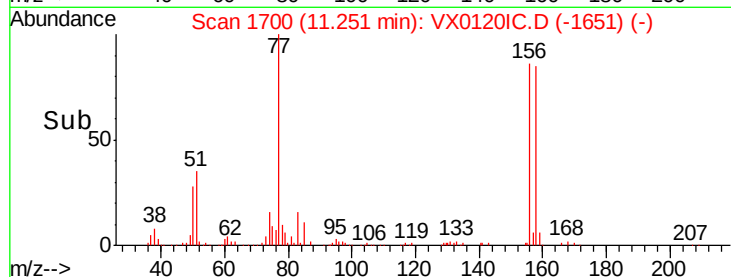
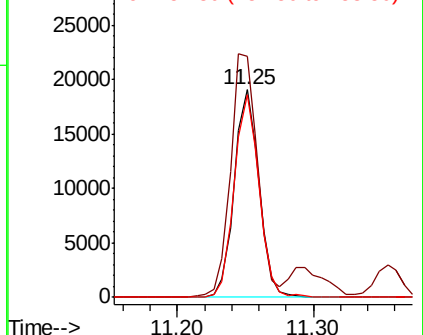
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.914 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0120IC.D

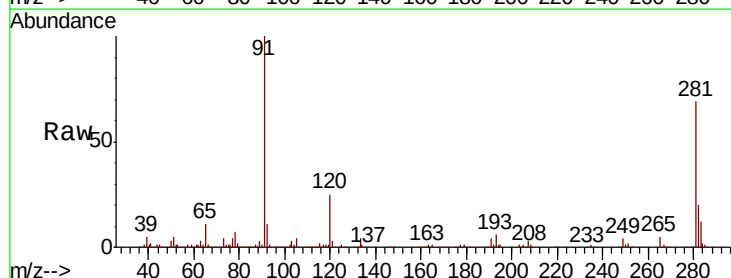
Acq: 02 Sep 2019 12:00

Tgt Ion: 91 Resp: 94065

Ion Ratio Lower Upper

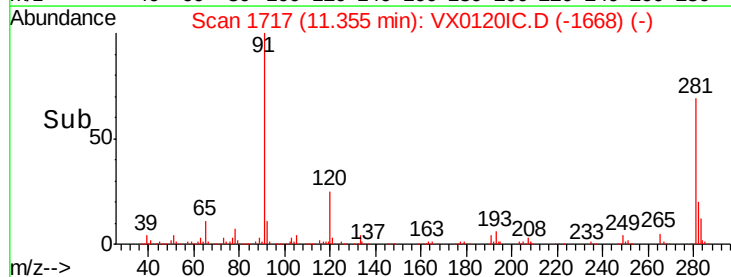
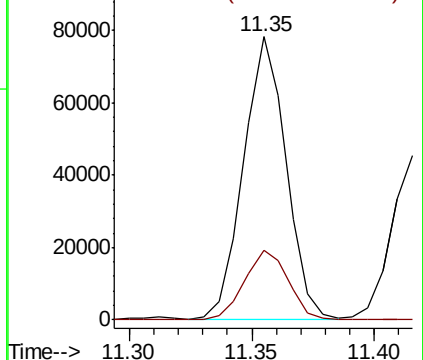
91 100

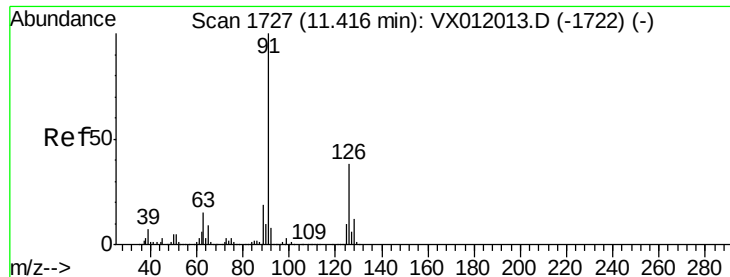
120 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.892 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

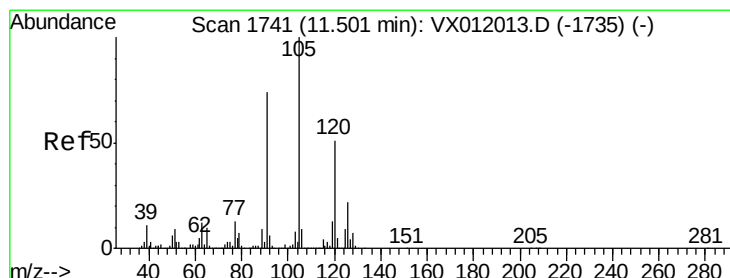
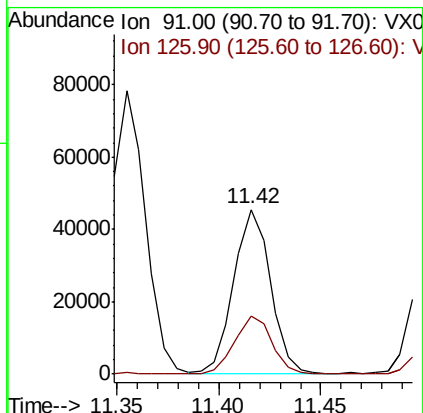
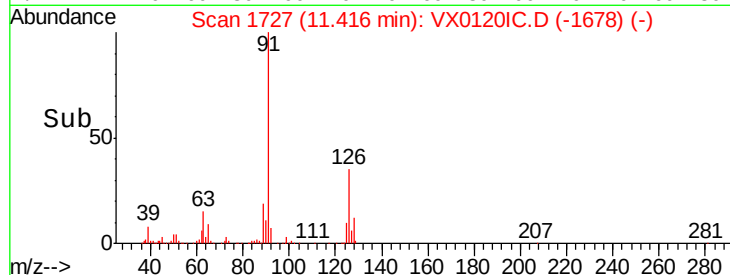
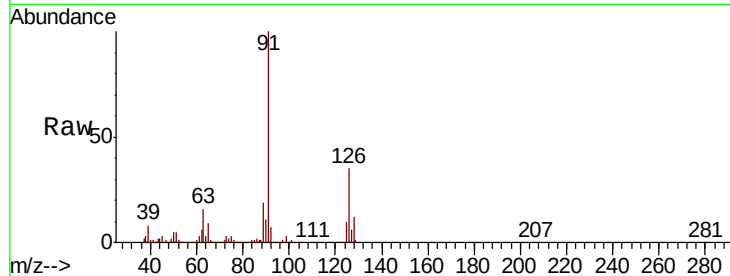
ClientSampled :

Tgt Ion: 91 Resp: 56213

Ion Ratio Lower Upper

91 100

126 36.5 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 5.010 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0120IC.D

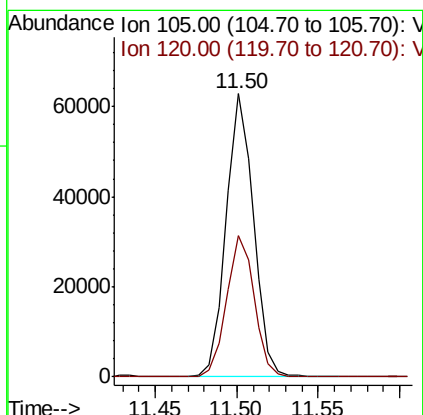
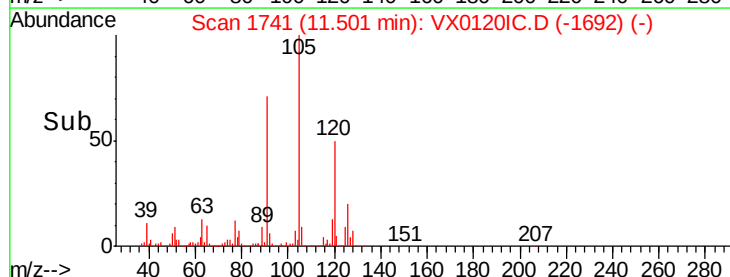
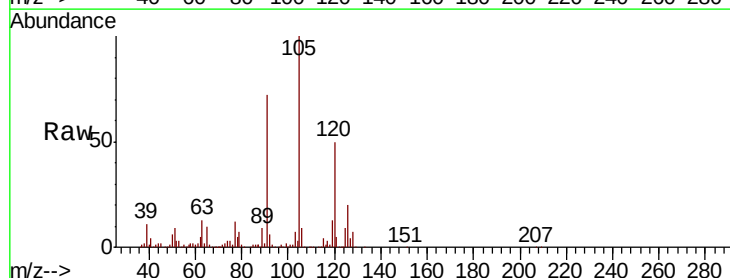
Acq: 02 Sep 2019 12:00

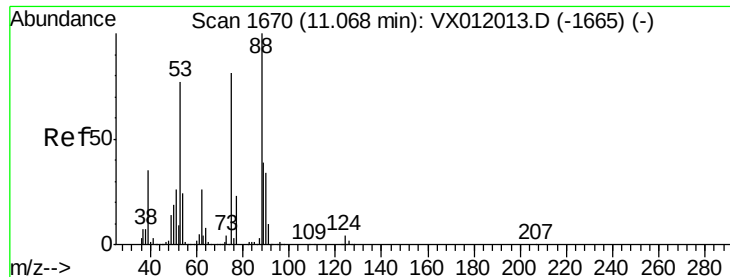
Tgt Ion: 105 Resp: 72938

Ion Ratio Lower Upper

105 100

120 50.8 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.167 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

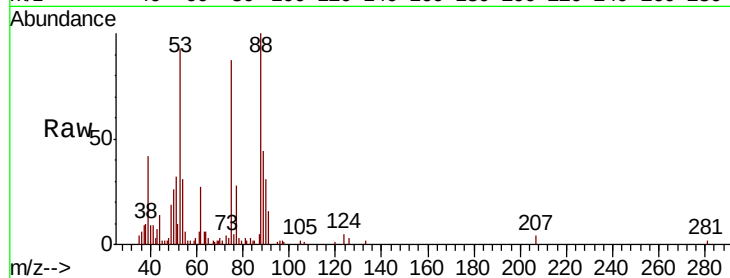
Tgt Ion: 75 Resp: 4730

Ion Ratio Lower Upper

75 100

53 99.8 78.6 117.8

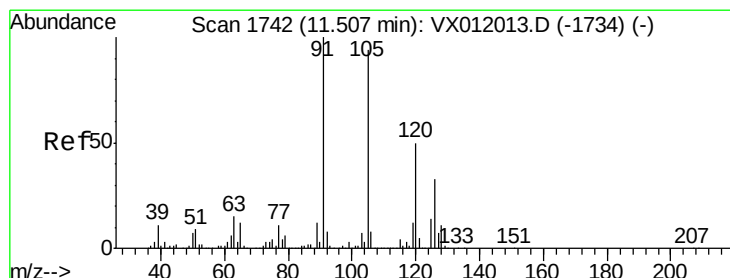
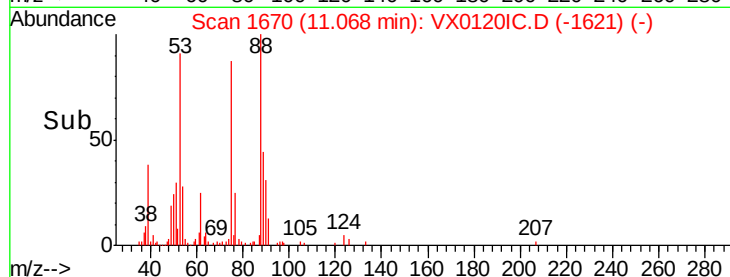
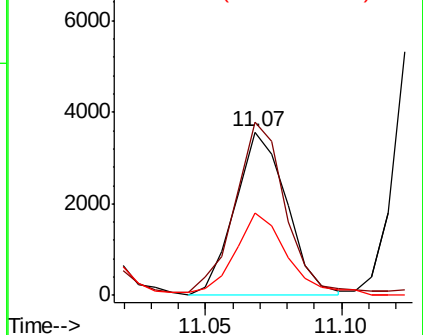
89 51.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.932 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX0120IC.D

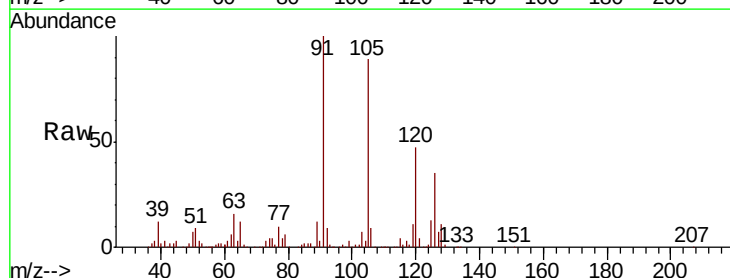
Acq: 02 Sep 2019 12:00

Tgt Ion: 91 Resp: 68296

Ion Ratio Lower Upper

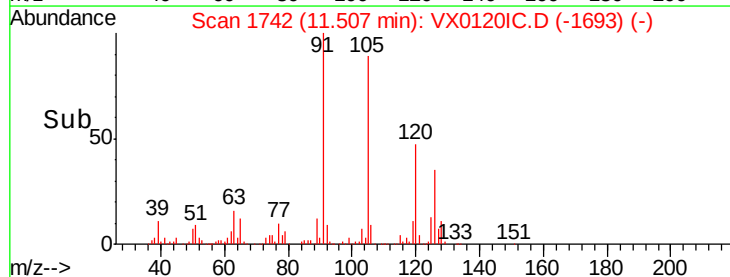
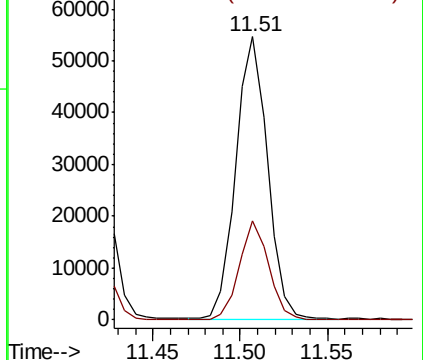
91 100

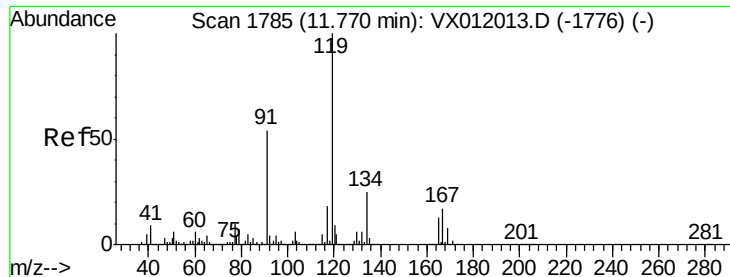
126 33.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

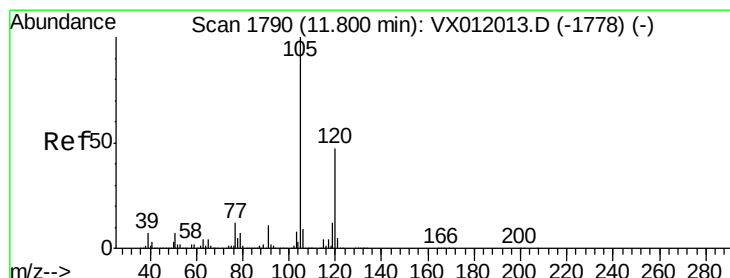
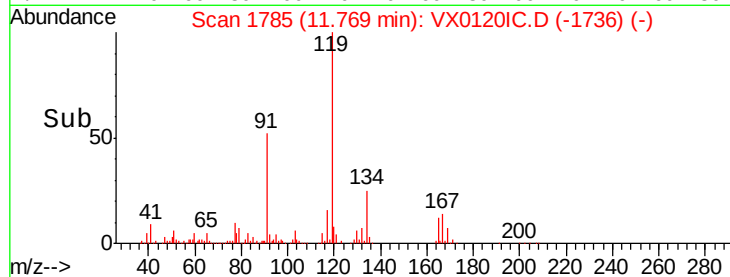
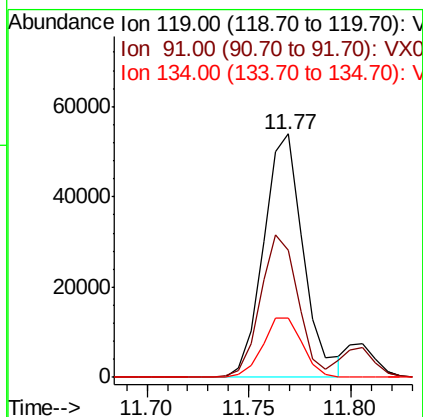
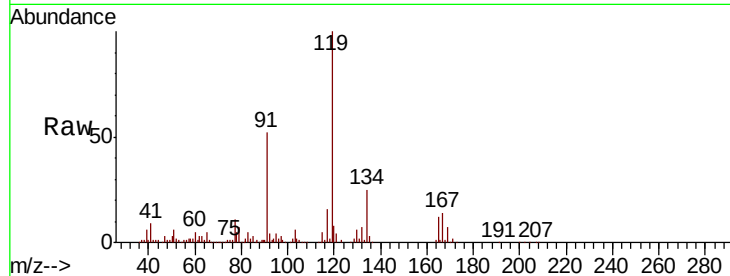




#83
 tert-Butylbenzene
 Concen: 4.929 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

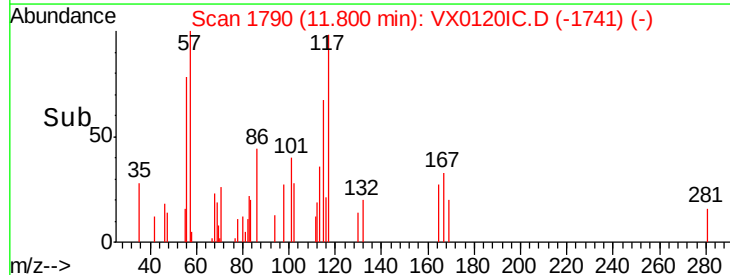
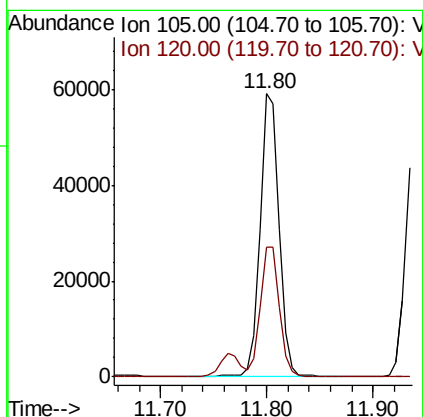
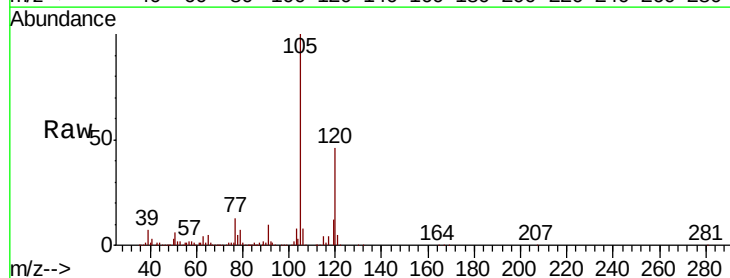
Instrument :
 MSVOA_X
 ClientSampleId :

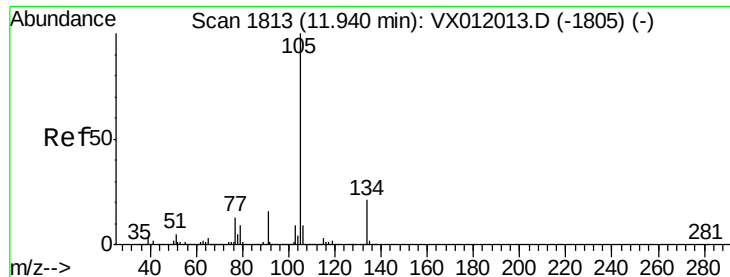
Tgt Ion:119 Resp: 73207
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.1 81.2
 134 24.6 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.973 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion:105 Resp: 74204
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.6 70.8





#85

sec-Butylbenzene

Concen: 4.951 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

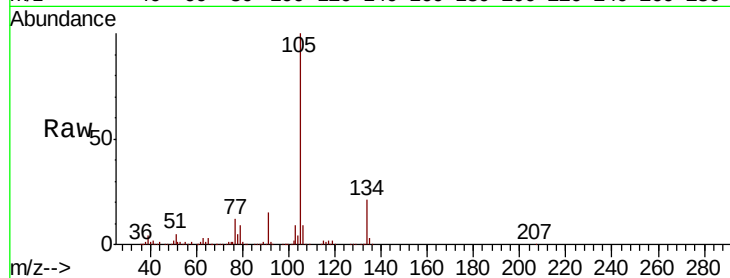
ClientSampleId :

Tgt Ion:105 Resp: 85134

Ion Ratio Lower Upper

105 100

134 22.4 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

80000

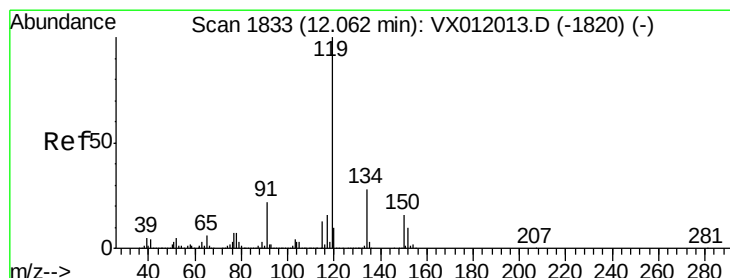
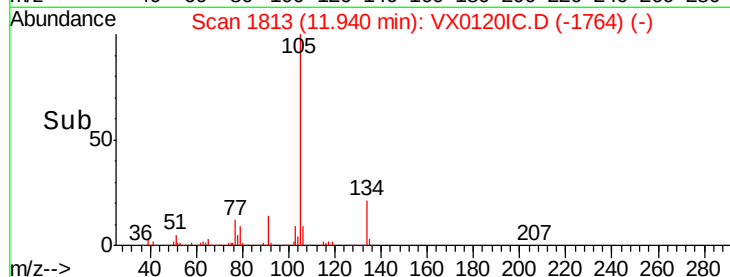
60000

40000

20000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 5.039 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

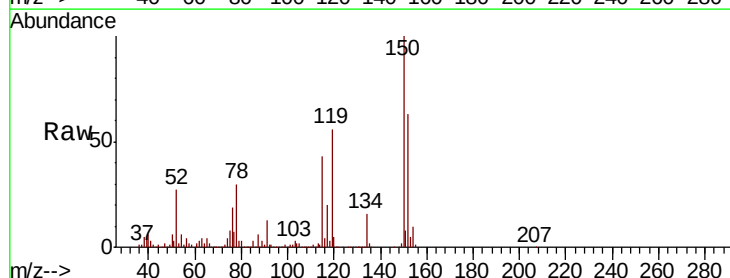
Tgt Ion:119 Resp: 84106

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 24.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

80000

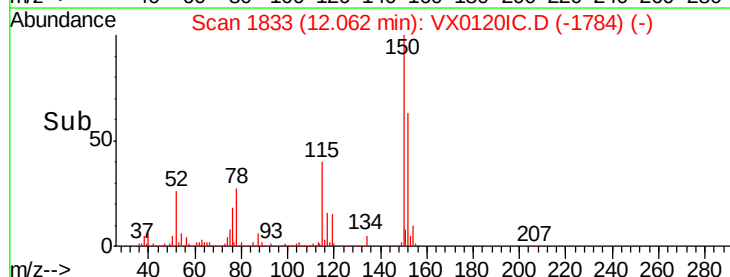
60000

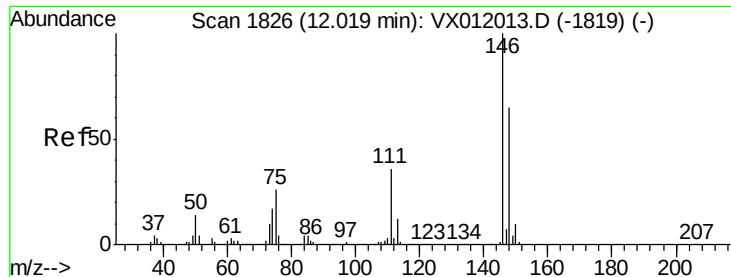
40000

20000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 5.188 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampled :

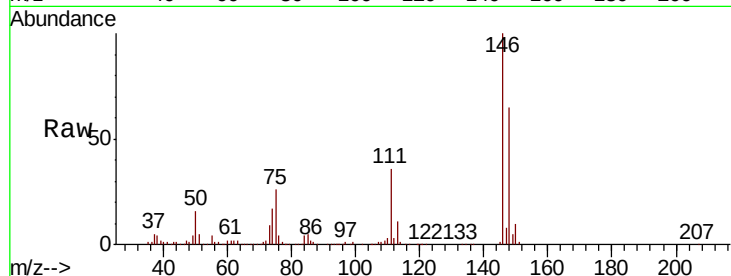
Tgt Ion:146 Resp: 47241

Ion Ratio Lower Upper

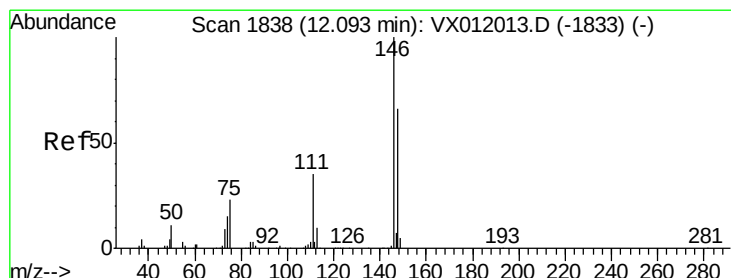
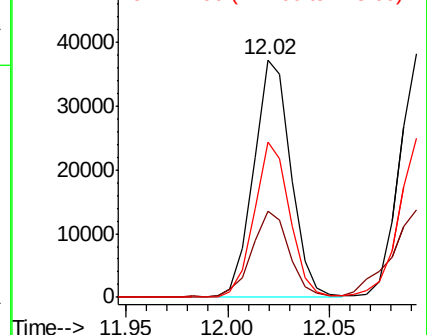
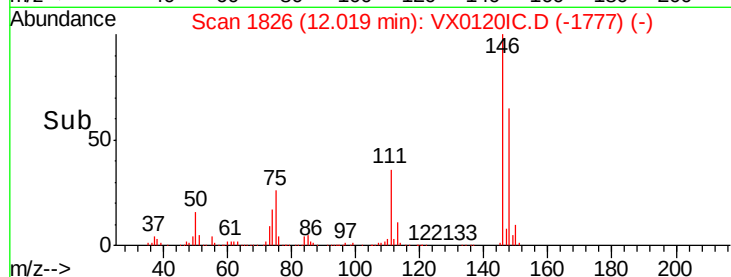
146 100

111 36.8 18.1 54.1

148 62.7 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.079 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

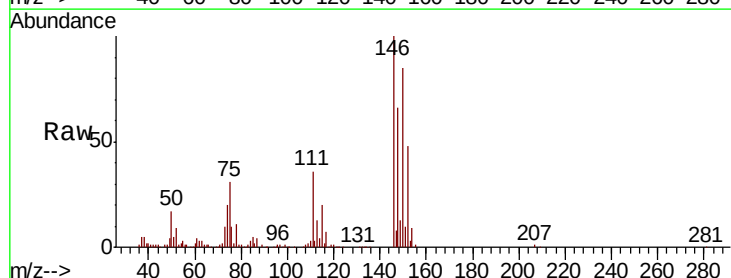
Tgt Ion:146 Resp: 46726

Ion Ratio Lower Upper

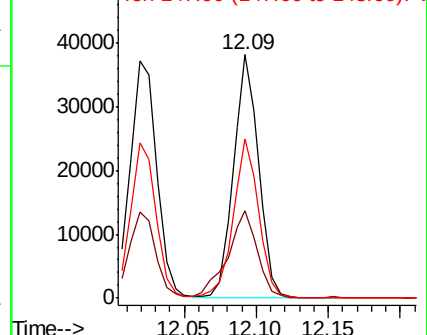
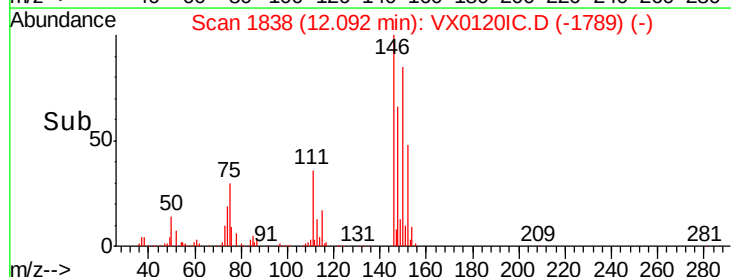
146 100

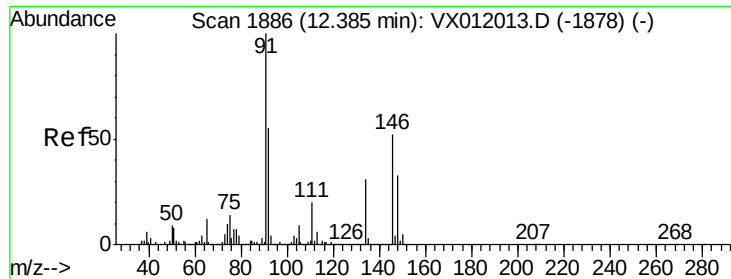
111 42.5 17.7 53.1

148 66.5 32.4 97.0



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

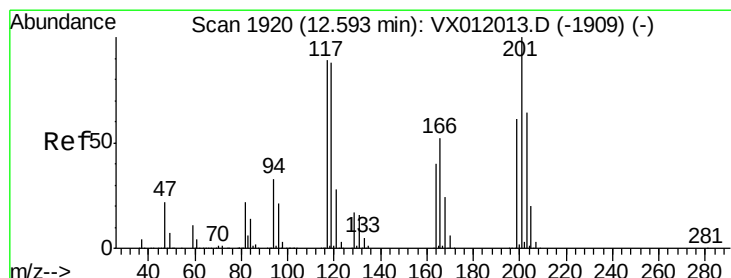
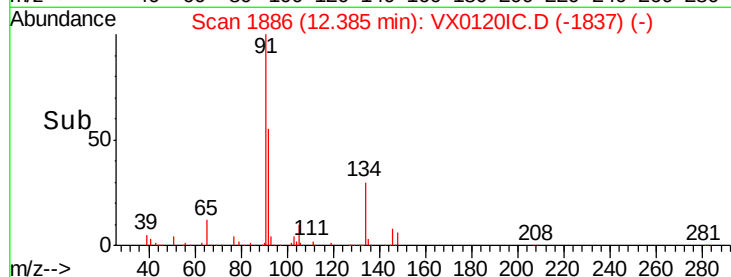
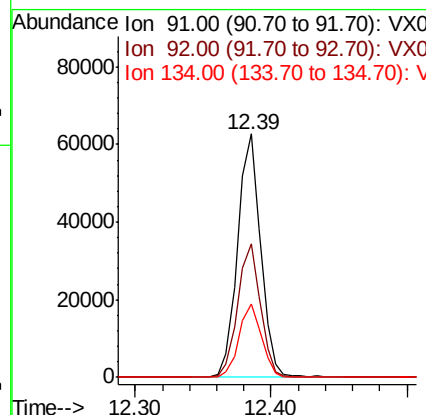
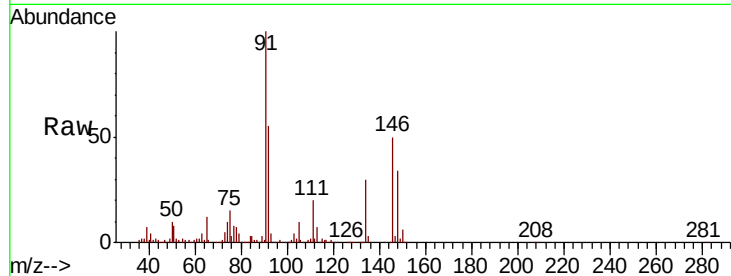




#89
n-Butylbenzene
Concen: 5.001 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

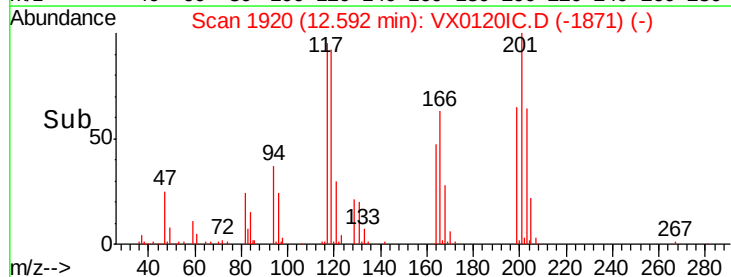
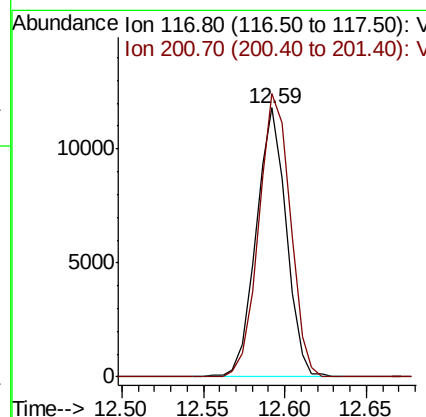
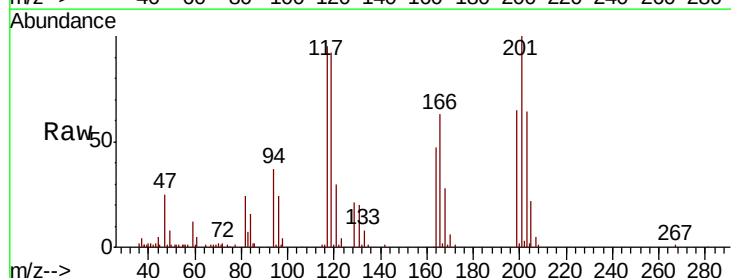
Instrument :
MSVOA_X
ClientSampleId :

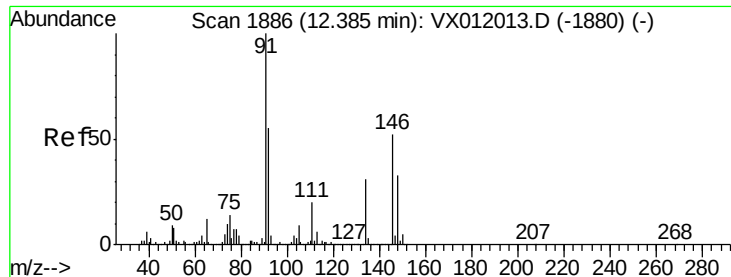
Tgt Ion: 91 Resp: 73660
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.8
134 29.7 15.4 46.1



#90
Hexachloroethane
Concen: 4.713 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX0120IC.D
Acq: 02 Sep 2019 12:00

Tgt Ion: 117 Resp: 15203
Ion Ratio Lower Upper
117 100
201 110.1 55.0 165.2

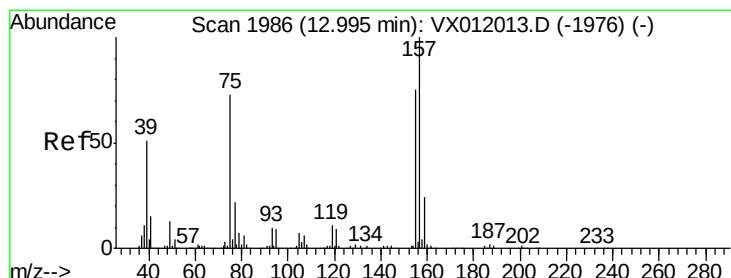
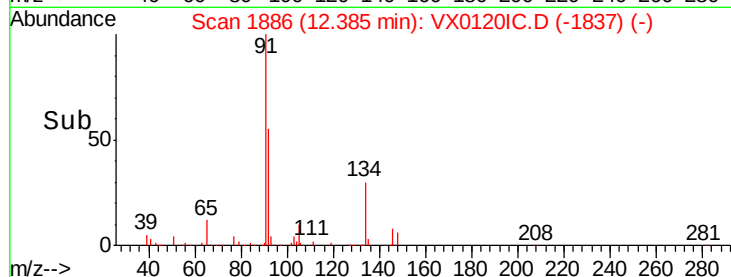
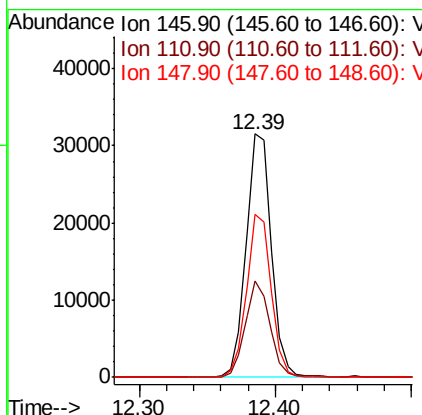
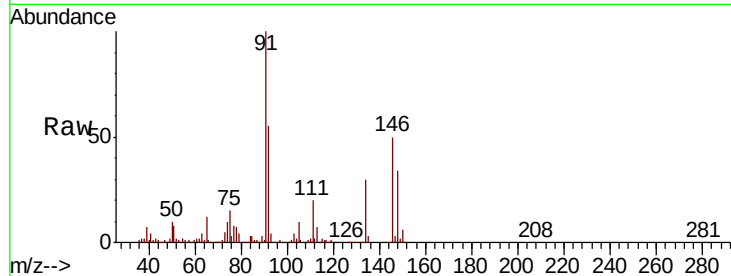




#91
 1,2-Dichlorobenzene
 Concen: 4.852 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

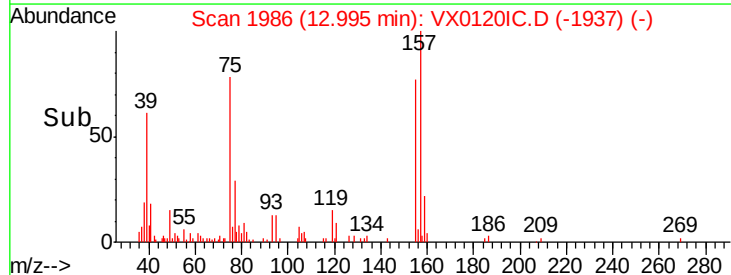
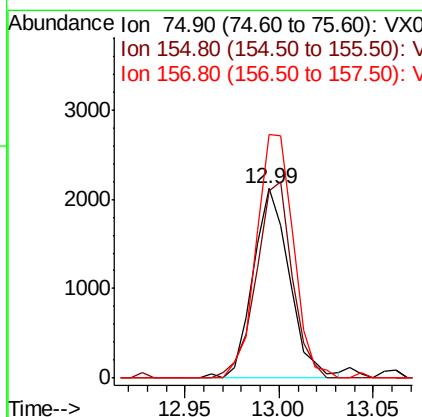
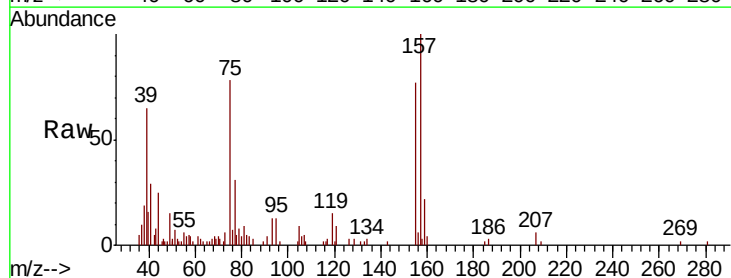
Instrument :
 MSVOA_X
 ClientSampleId :

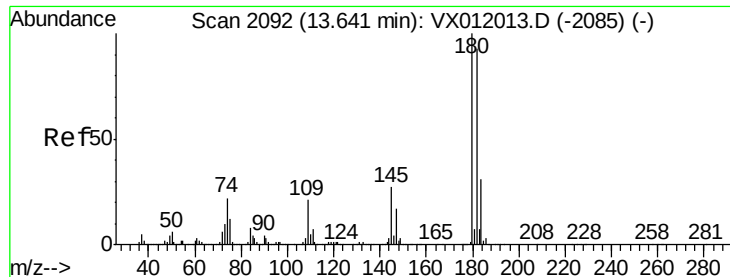
Tgt Ion: 146 Resp: 41027
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.6 56.0
 148 65.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.171 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion: 75 Resp: 2829
 Ion Ratio Lower Upper
 75 100
 155 102.4 51.7 155.2
 157 131.2 66.9 200.7

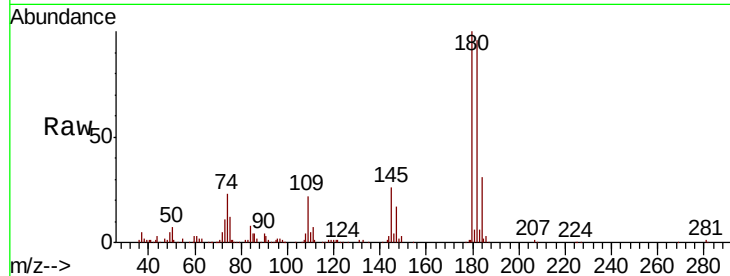




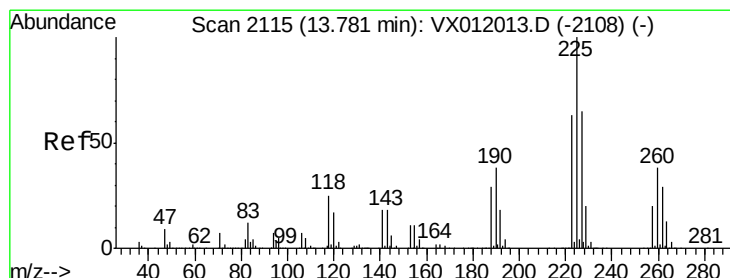
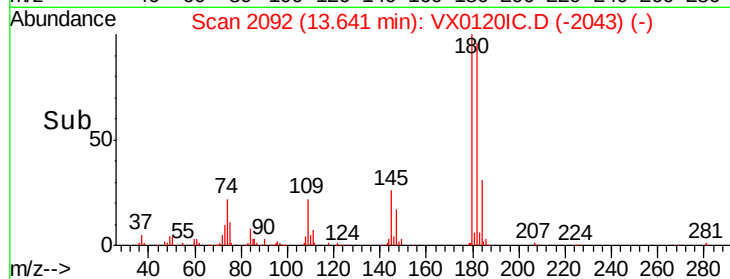
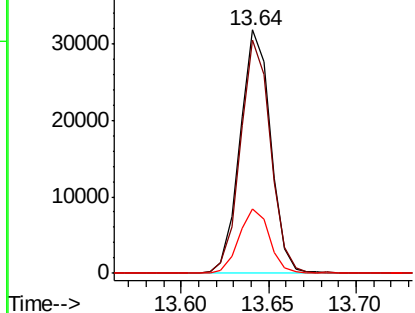
#93
 1,2,4-Trichlorobenzene
 Concen: 5.410 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 38650
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 26.3 13.7 41.0

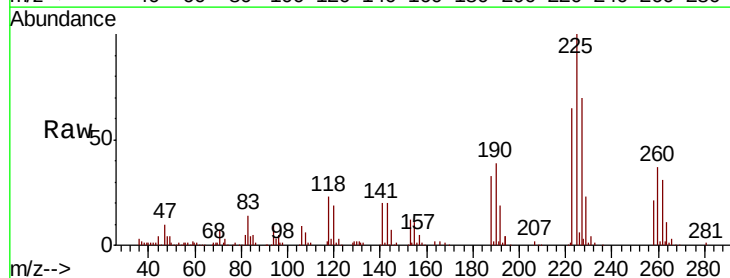


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

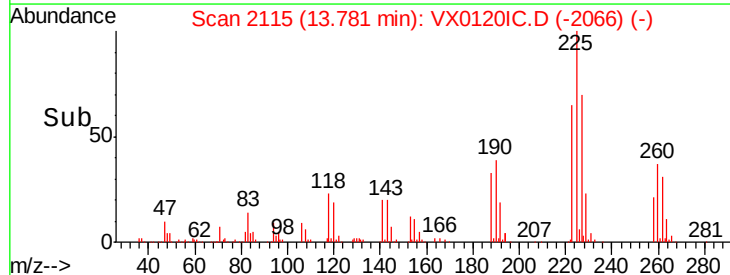
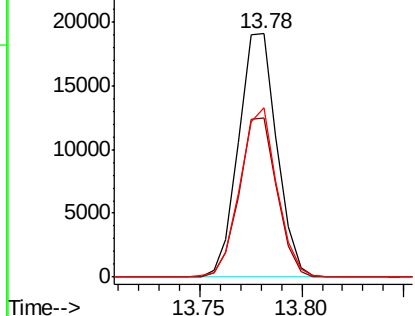


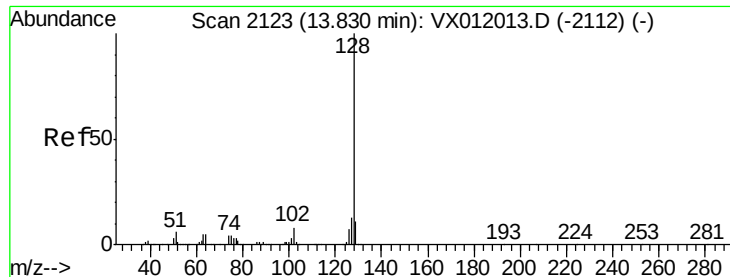
#94
 Hexachlorobutadiene
 Concen: 5.157 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX0120IC.D
 Acq: 02 Sep 2019 12:00

Tgt Ion:225 Resp: 24839
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.6 95.0
 227 67.0 32.5 97.5



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





#95

Naphthalene

Concen: 4.748 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

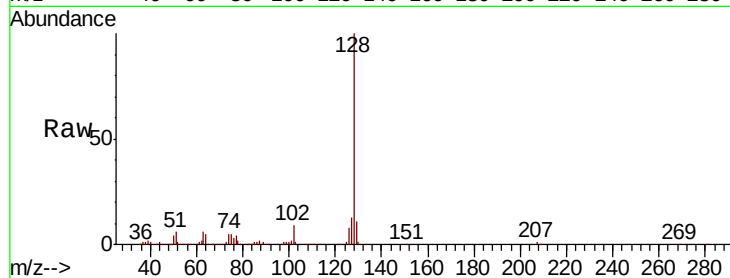
Tgt Ion:128 Resp: 57224

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

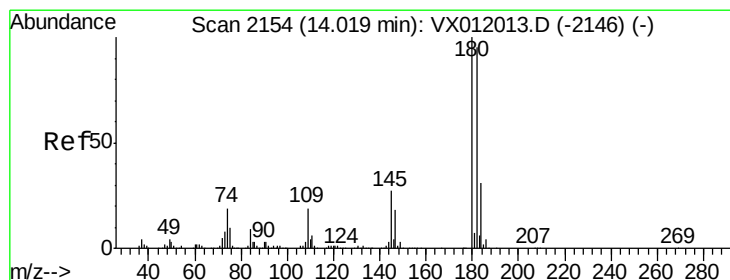
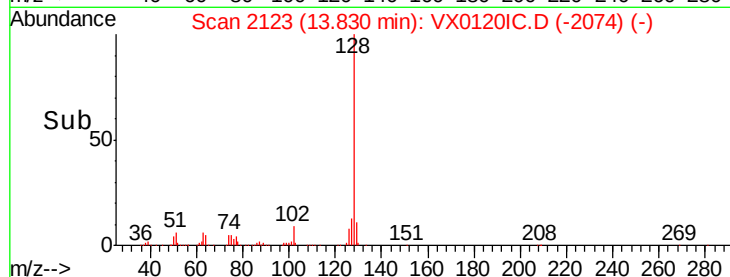
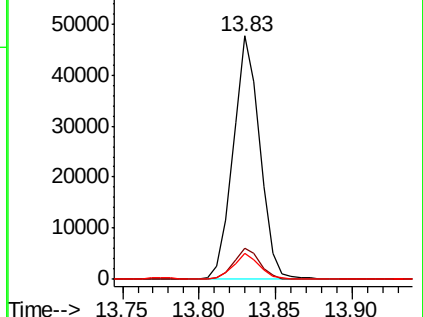
129 10.5 8.8 13.2



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: 5.305 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX0120IC.D

Acq: 02 Sep 2019 12:00

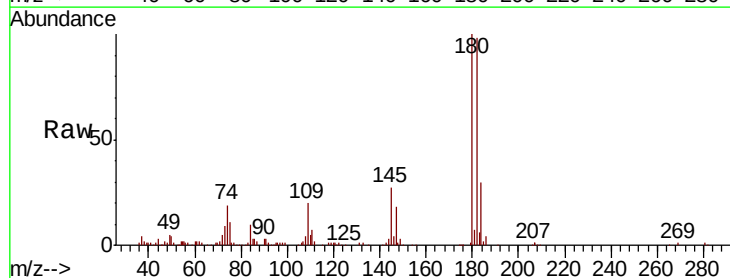
Tgt Ion:180 Resp: 34155

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 29.8 14.1 42.4



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

