

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014743.D
 Acq On : 28 Jan 2020 11:54
 Operator : JC/SP
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	555113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	233303	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.80%		
35) Dibromofluoromethane	5.48	113	187159	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.84%		
50) Toluene-d8	8.71	98	724472	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.52%		
62) 4-Bromofluorobenzene	11.13	95	254061	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.98%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	96454	17.753	ug/l	98
3) Chloromethane	1.32	50	97978	17.544	ug/l	99
4) Vinyl Chloride	1.40	62	109448	18.125	ug/l	99
5) Bromomethane	1.63	94	65682	16.014	ug/l	100
6) Chloroethane	1.72	64	63172	17.383	ug/l	100
7) Trichlorofluoromethane	1.92	101	123978	17.633	ug/l	99
8) Diethyl Ether	2.18	74	55215	17.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75294	18.242	ug/l	99
10) Methyl Iodide	2.50	142	94695	17.484	ug/l	98
11) Tert butyl alcohol	3.02	59	93002	85.928	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70812	17.255	ug/l	99
13) Acrolein	2.28	56	57577	67.469	ug/l	98
14) Allyl chloride	2.72	41	128125	17.370	ug/l	97
15) Acrylonitrile	3.12	53	223495	89.247	ug/l	98
16) Acetone	2.43	43	215475	81.655	ug/l	98
17) Carbon Disulfide	2.56	76	189875	16.929	ug/l	100
18) Methyl Acetate	2.76	43	141158	18.717	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	250269	18.619	ug/l	100
20) Methylene Chloride	2.84	84	86414	17.675	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	77537	17.160	ug/l	93
22) Diisopropyl ether	3.84	45	272712	18.583	ug/l	94
23) Vinyl Acetate	3.80	43	1058871	94.651	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145139	18.211	ug/l	99
25) 2-Butanone	4.65	43	320376	84.633	ug/l	100
26) 2,2-Dichloropropane	4.57	77	114258	17.911	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	90502	17.896	ug/l	99
28) Bromochloromethane	5.00	49	69178	19.752	ug/l	99
29) Tetrahydrofuran	5.11	42	201268	89.582	ug/l	99
30) Chloroform	5.20	83	145144	18.384	ug/l	98
31) Cyclohexane	5.57	56	131738	17.574	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	119308	17.878	ug/l	100
36) 1,1-Dichloropropene	5.79	75	107319	19.050	ug/l	99
37) Ethyl Acetate	4.81	43	120241	18.636	ug/l	99
38) Carbon Tetrachloride	5.77	117	100753	18.727	ug/l	92

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130456	18.485	ug/l	97
40) Benzene	6.13	78	328869	18.894	ug/l	97
41) Methacrylonitrile	5.02	41	68167	18.357	ug/l	99
42) 1,2-Dichloroethane	6.17	62	117286	19.513	ug/l	99
43) Isopropyl Acetate	6.43	43	194081	18.369	ug/l	99
44) Trichloroethene	7.20	130	90623	18.432	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85608	19.091	ug/l	97
46) Dibromomethane	7.65	93	57228	19.705	ug/l	99
47) Bromodichloromethane	7.89	83	110579	19.413	ug/l	99
48) Methyl methacrylate	7.76	41	95402	18.898	ug/l	97
49) 1,4-Dioxane	7.73	88	40295	376.547	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	624105	93.588	ug/l	100
52) Toluene	8.78	92	208120	19.451	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	118129	19.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	131108	19.431	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	85790	19.584	ug/l	100
56) Ethyl methacrylate	9.17	69	125634	18.097	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145677	19.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	225029	102.142	ug/l	100
59) 2-Hexanone	9.48	43	472516	91.312	ug/l	99
60) Dibromochloromethane	9.57	129	87000	19.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89865	19.402	ug/l	99
64) Tetrachloroethene	9.33	164	93613	17.036	ug/l	98
65) Chlorobenzene	10.13	112	220910	18.605	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	80361	18.356	ug/l	99
67) Ethyl Benzene	10.25	91	380867	18.786	ug/l	98
68) m/p-Xylenes	10.35	106	297487	38.732	ug/l	100
69) o-Xylene	10.70	106	140691	18.974	ug/l	99
70) Styrene	10.71	104	239178	19.229	ug/l	99
71) Bromoform	10.85	173	65082	18.694	ug/l	99
73) Isopropylbenzene	11.01	105	377428	18.942	ug/l	99
74) N-amyl acetate	10.89	43	160320	18.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	127779	17.961	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143414	21.753	ug/l	92
77) Bromobenzene	11.25	156	102514	19.151	ug/l	97
78) n-propylbenzene	11.35	91	429390	18.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	256949	18.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	318644	19.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38812	16.753	ug/l	95
82) 4-Chlorotoluene	11.51	91	297231	19.079	ug/l	100
83) tert-Butylbenzene	11.76	119	297888	19.170	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	317509	19.142	ug/l	99
85) sec-Butylbenzene	11.94	105	364402	19.142	ug/l	99
86) p-Isopropyltoluene	12.06	119	333614	18.963	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	176805	18.379	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178897	18.565	ug/l	99
89) n-Butylbenzene	12.39	91	283063	18.474	ug/l	99
90) Hexachloroethane	12.59	117	58518	17.908	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	179724	18.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26354	17.242	ug/l	98

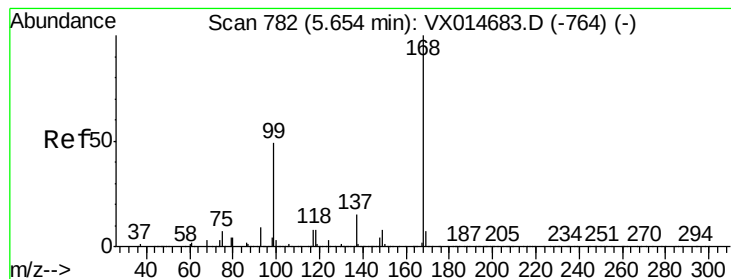
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
Data File : VX014743.D
Acq On : 28 Jan 2020 11:54
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 23:17:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	115728	18.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	59736	18.841	ug/l	99
95) Naphthalene	13.83	128	330410	17.255	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	119145	19.129	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

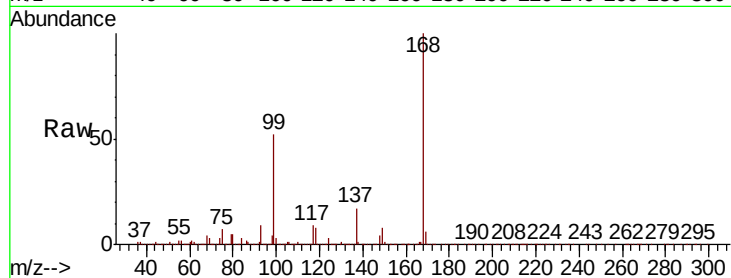
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 412822

Ion Ratio Lower Upper

168 100

99 51.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

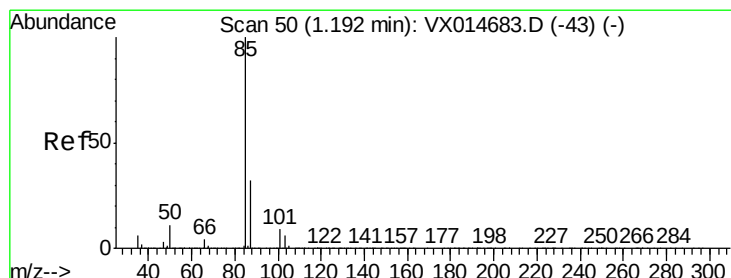
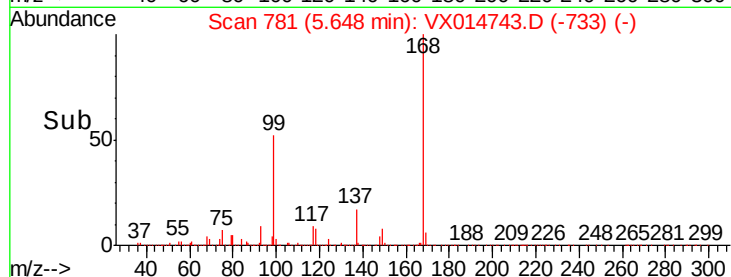
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.753 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014743.D

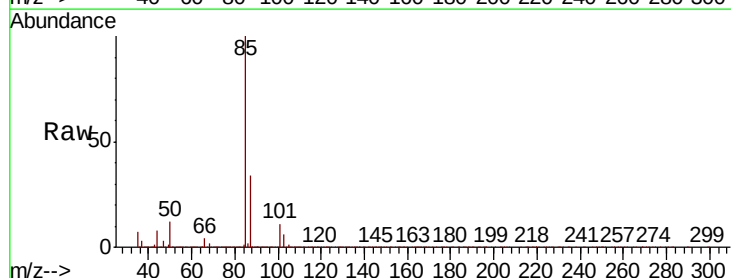
Acq: 28 Jan 2020 11:54

Tgt Ion: 85 Resp: 96454

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

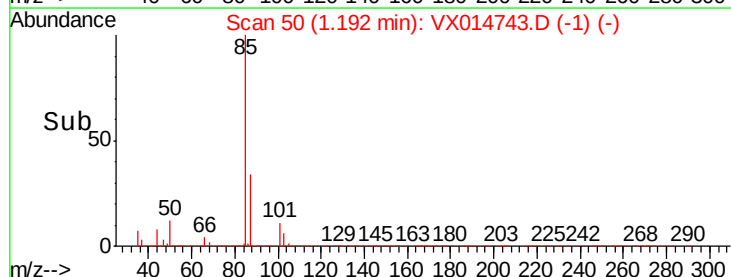
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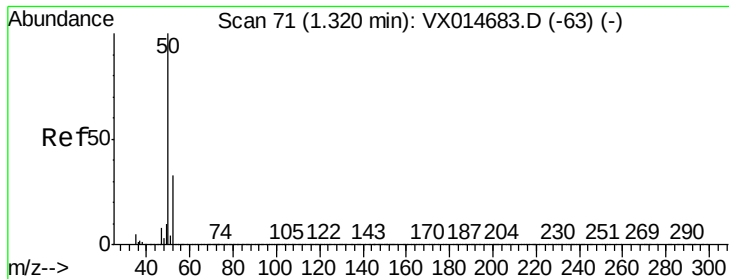
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->

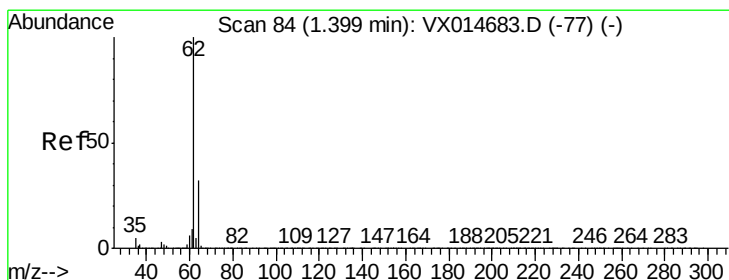
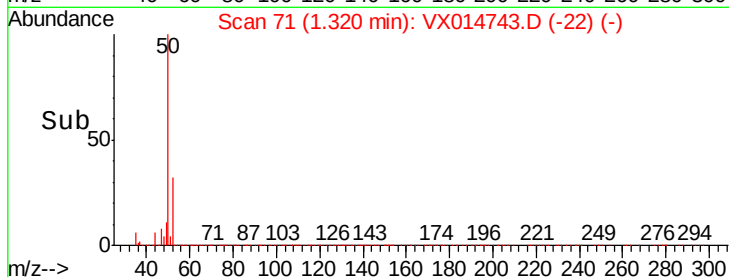
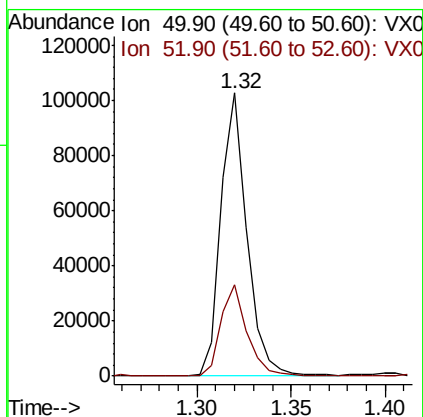
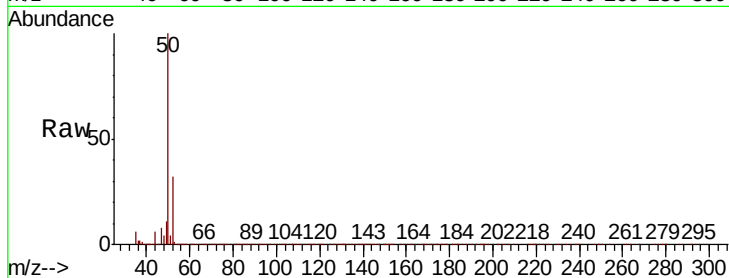




#3
Chloromethane
Concen: 17.544 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

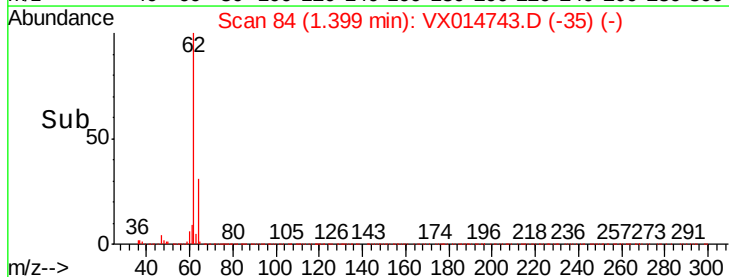
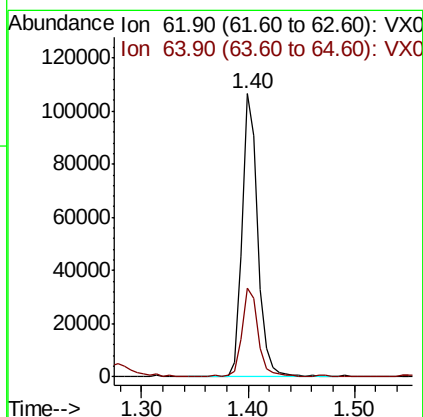
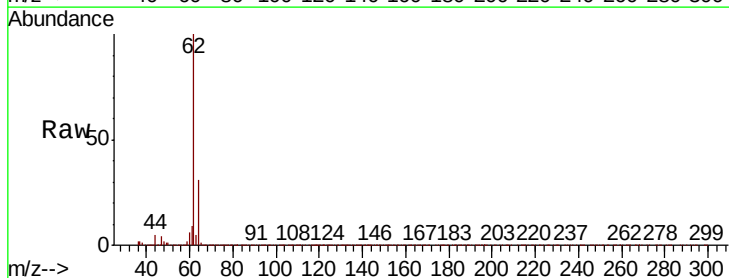
Instrument :
MSVOA_X
ClientSampleId :

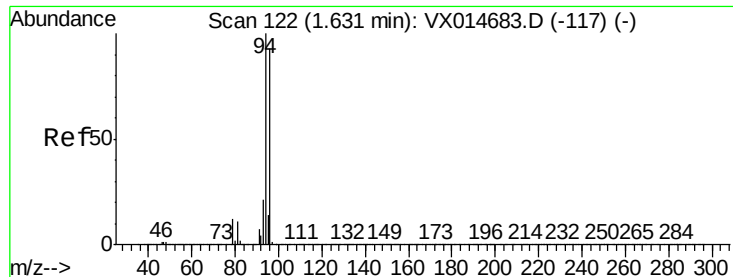
Tot Ion: 50 Resp: 97978
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 18.125 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 62 Resp: 109448
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5

Bromomethane

Concen: 16.014 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

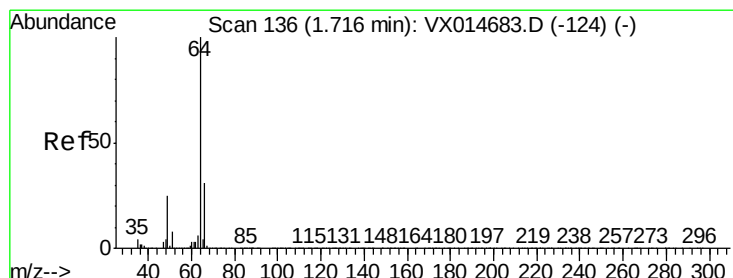
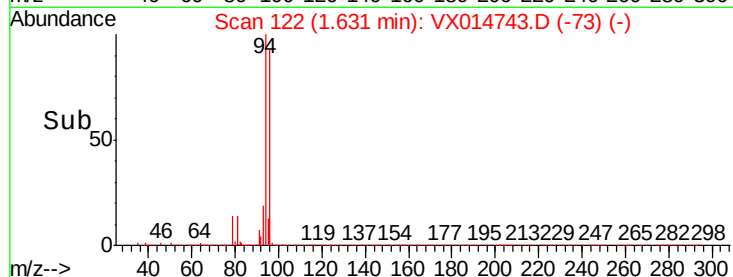
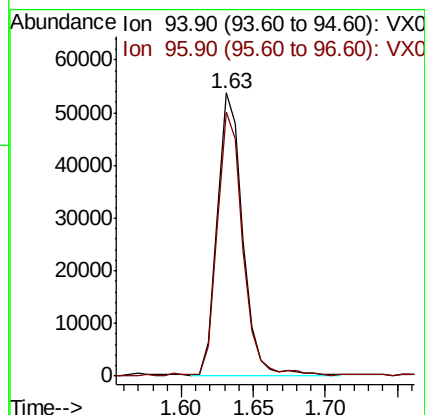
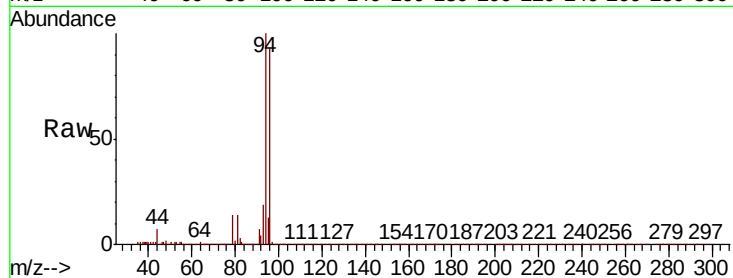
ClientSampleId :

Tot Ion: 94 Resp: 65682

Ion Ratio Lower Upper

94 100

96 93.0 74.7 112.1



#6

Chloroethane

Concen: 17.383 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014743.D

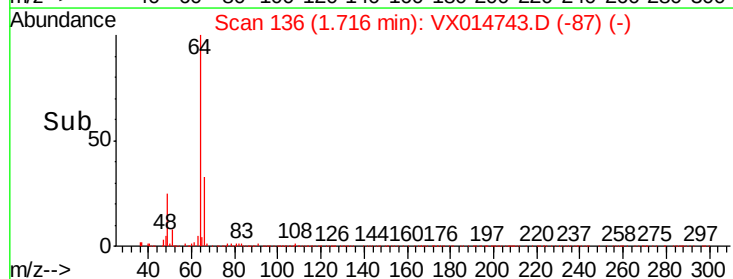
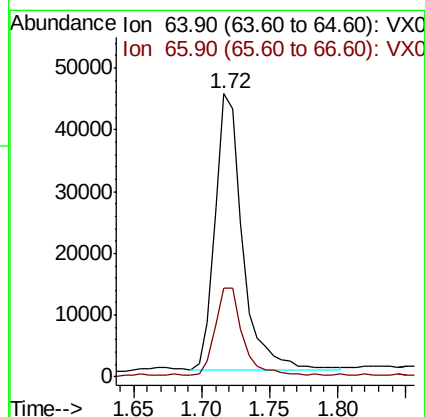
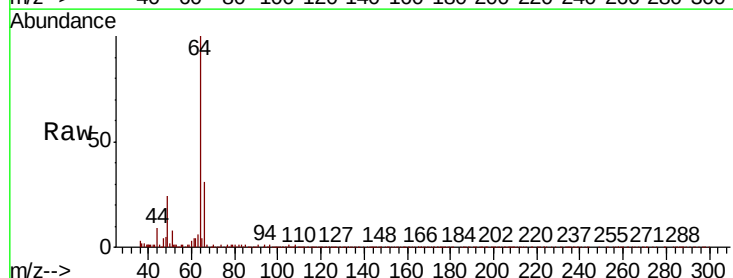
Acq: 28 Jan 2020 11:54

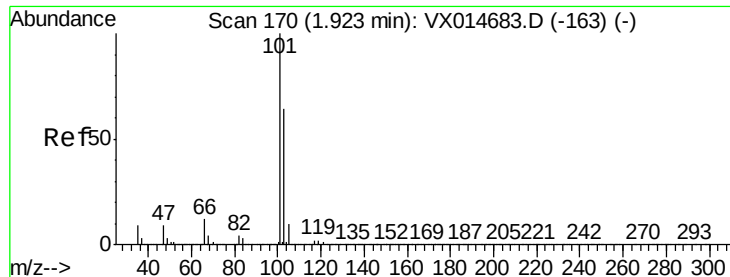
Tgt Ion: 64 Resp: 63172

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



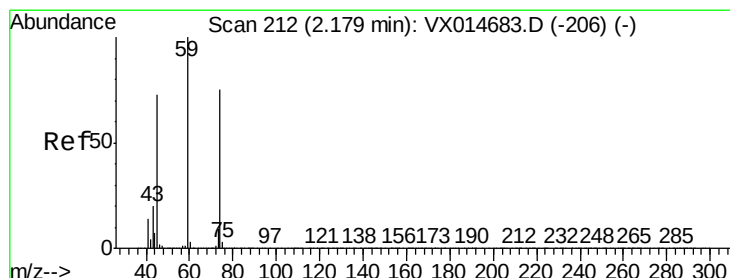
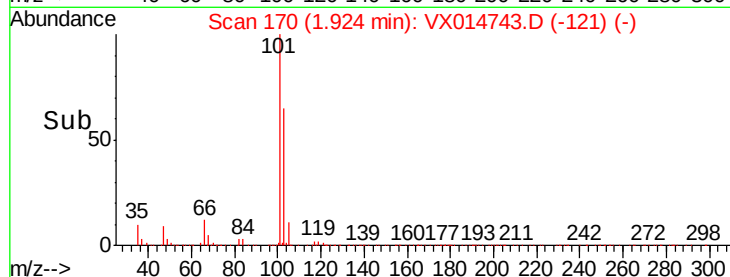
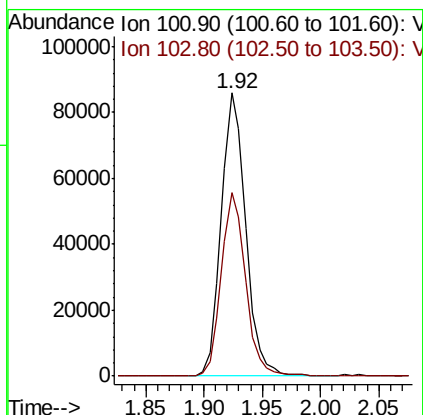
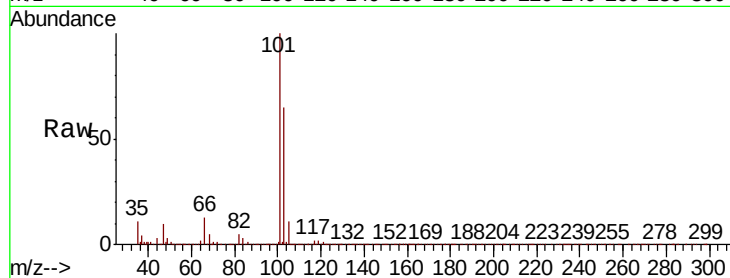


#7

Trichlorofluoromethane
Concen: 17.633 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :

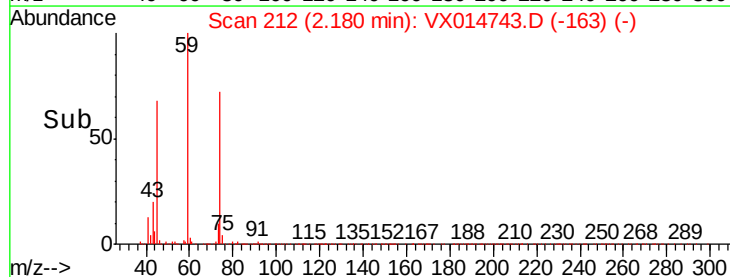
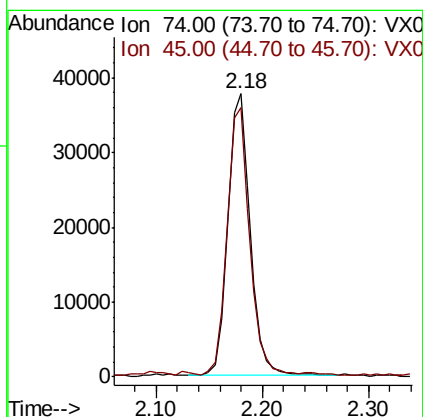
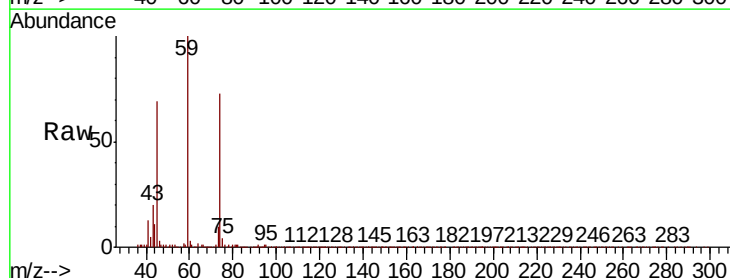
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.6

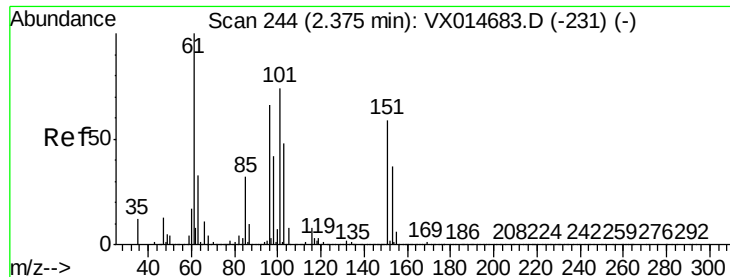


#8

Diethyl Ether
Concen: 17.992 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.242 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampled :

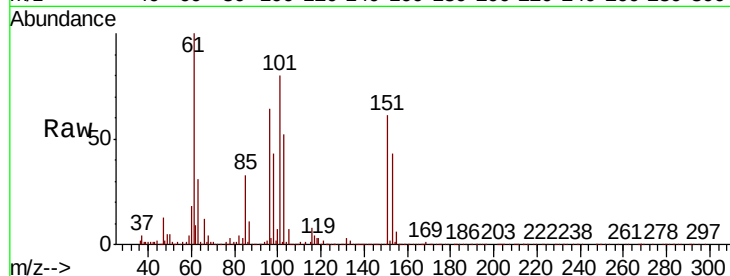
Tot Ion:101 Resp: 75294

Ion Ratio Lower Upper

101 100

85 42.5 34.7 52.1

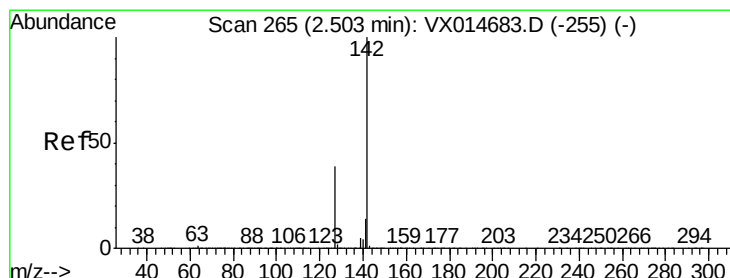
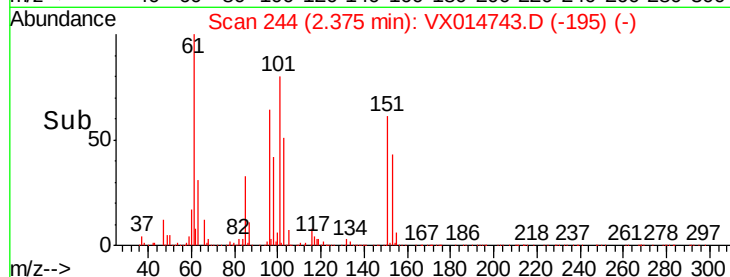
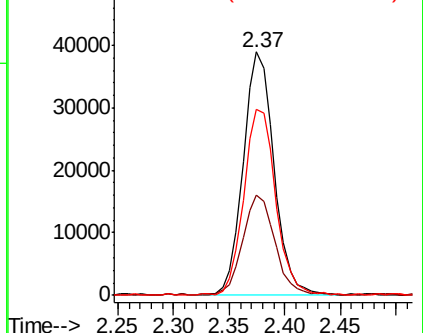
151 79.6 64.7 97.1



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: 17.484 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

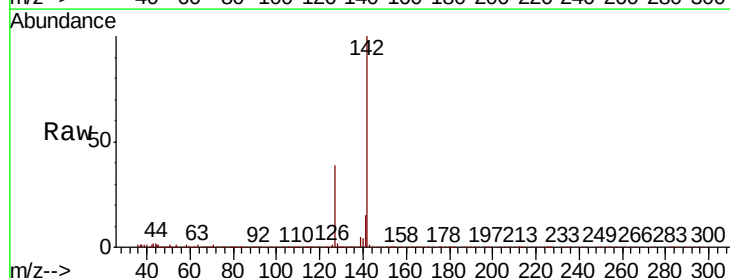
Tgt Ion:142 Resp: 94695

Ion Ratio Lower Upper

142 100

127 40.8 31.1 46.7

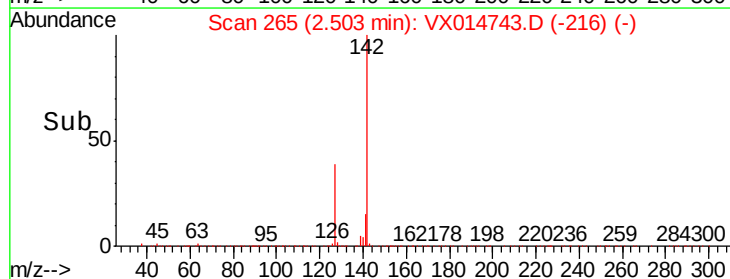
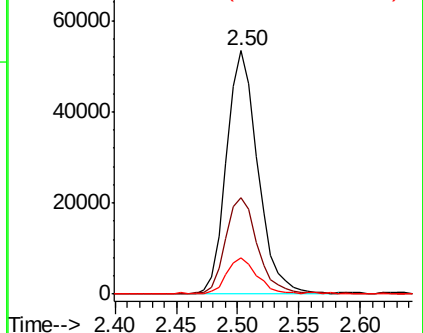
141 14.1 11.3 16.9

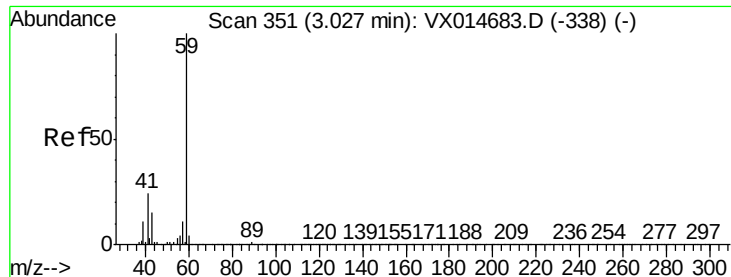


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

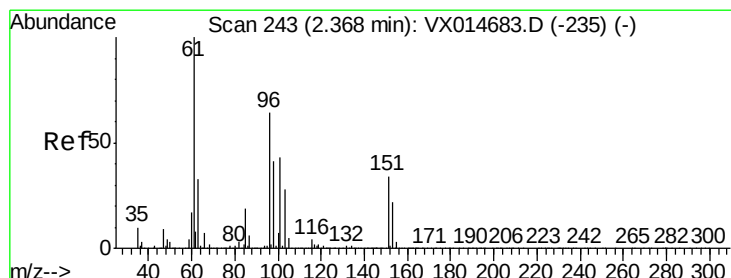
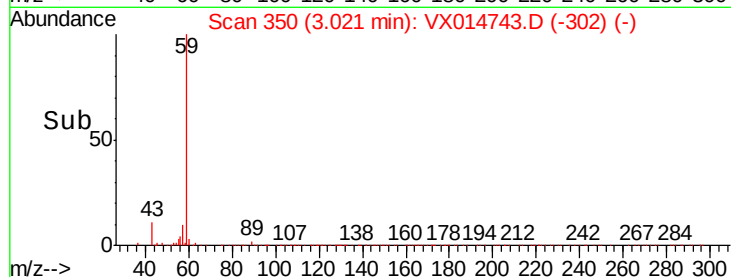
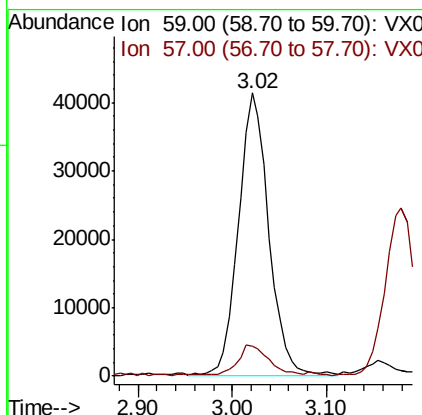
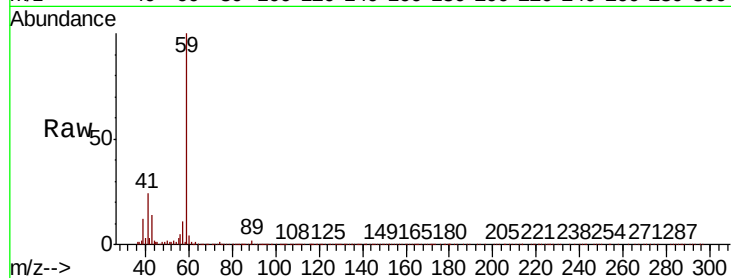




#11
Tert butyl alcohol
Concen: 85.928 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

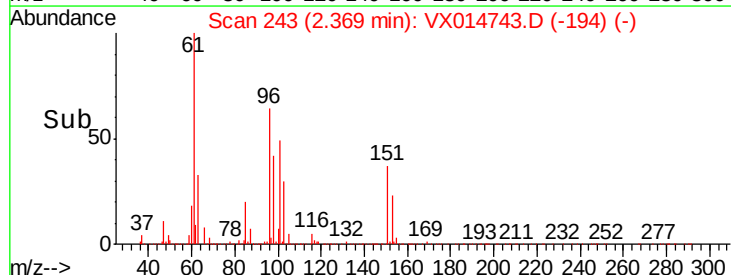
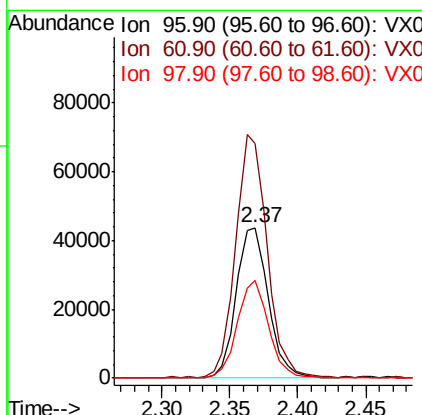
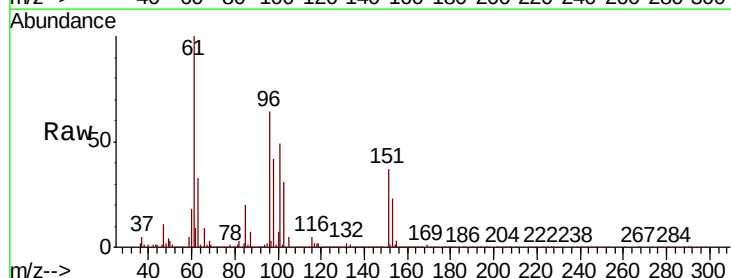
Instrument :
MSVOA_X
ClientSampleId :

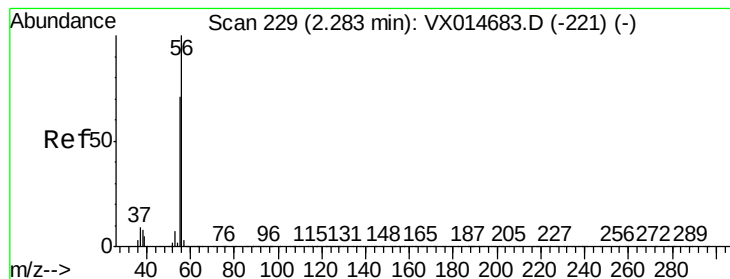
Tot Ion: 59 Resp: 93002
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.255 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 96 Resp: 70812
Ion Ratio Lower Upper
96 100
61 155.7 125.8 188.8
98 64.3 51.5 77.3





#13

Acrolein

Concen: 67.469 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

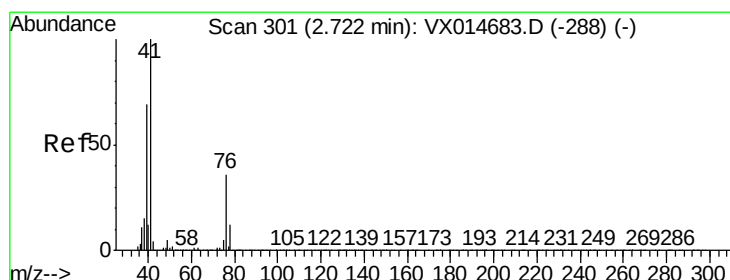
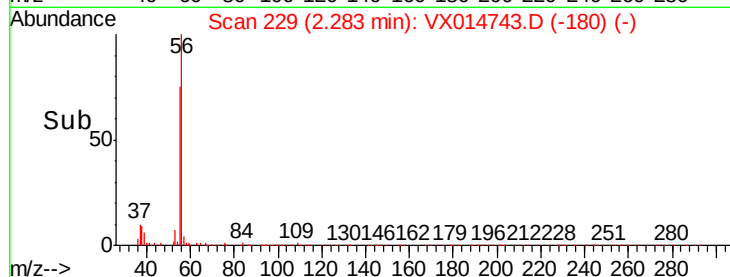
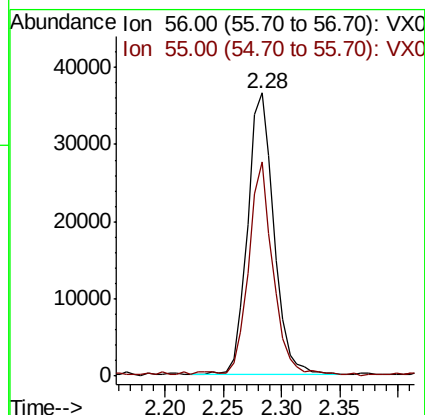
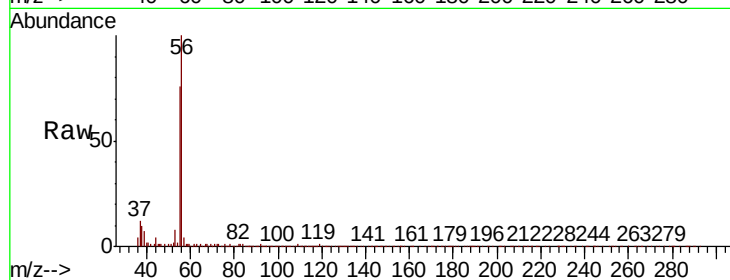
ClientSampleId :

Tot Ion: 56 Resp: 57577

Ion Ratio Lower Upper

56 100

55 72.0 56.6 84.8



#14

Allyl chloride

Concen: 17.370 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

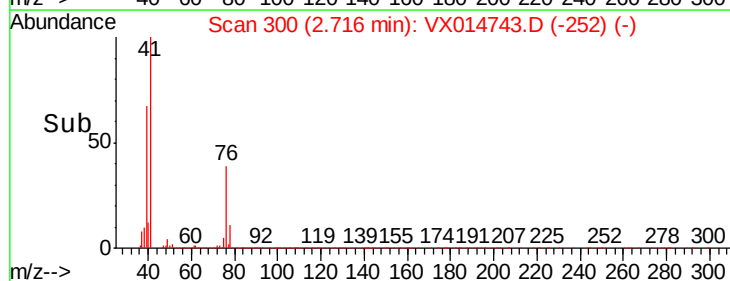
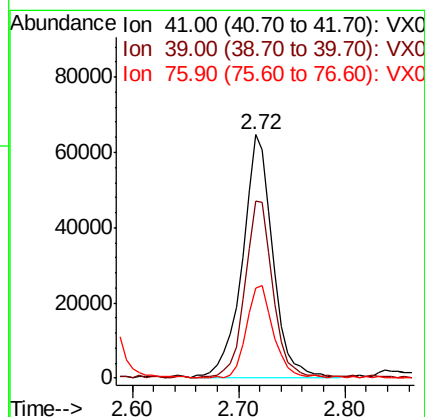
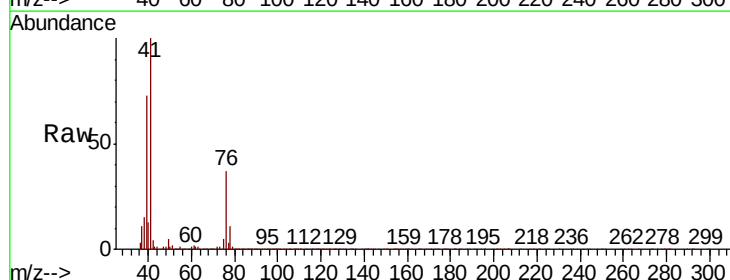
Tgt Ion: 41 Resp: 128125

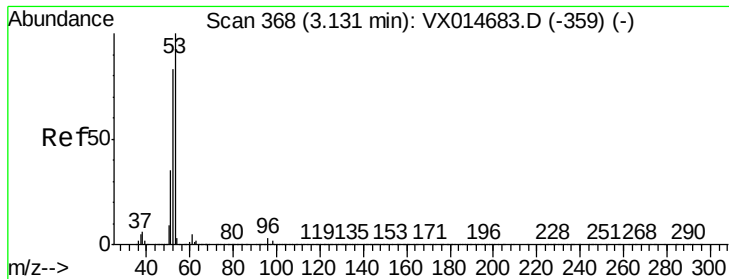
Ion Ratio Lower Upper

41 100

39 67.0 52.0 78.0

76 34.5 26.0 39.0





#15

Acrylonitrile

Concen: 89.247 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

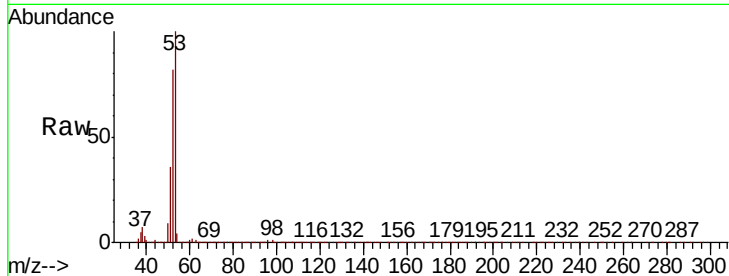
Tot Ion: 53 Resp: 223495

Ion Ratio Lower Upper

53 100

52 84.6 66.4 99.6

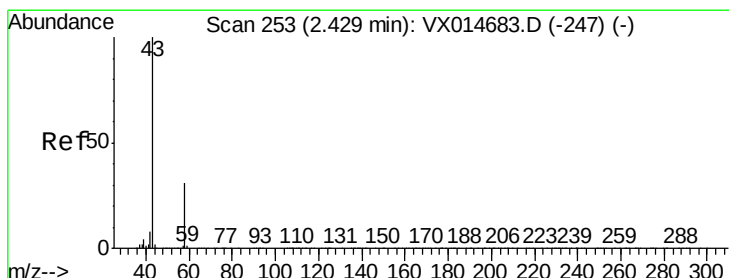
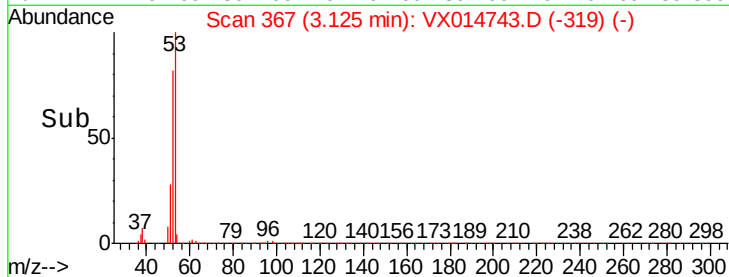
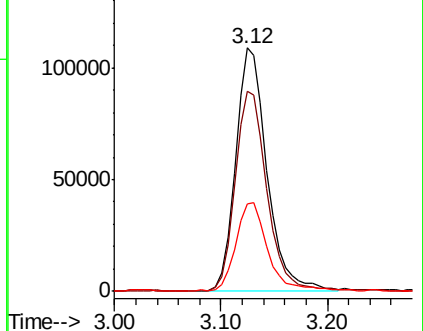
51 37.1 28.7 43.1



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: 81.655 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014743.D

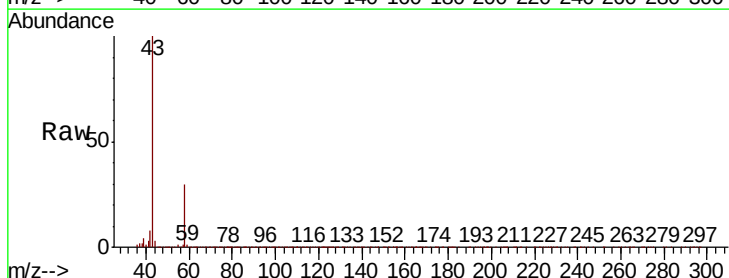
Acq: 28 Jan 2020 11:54

Tgt Ion: 43 Resp: 215475

Ion Ratio Lower Upper

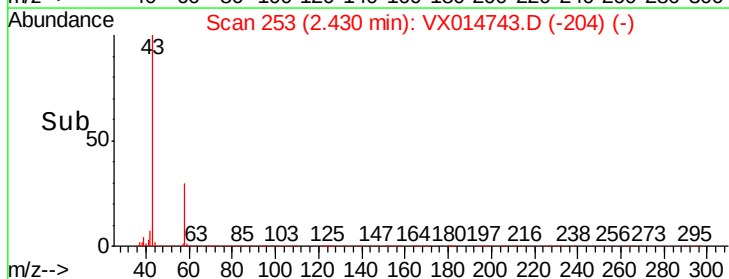
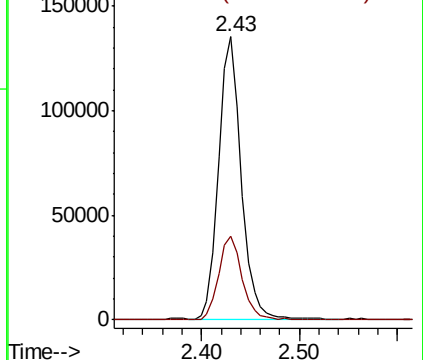
43 100

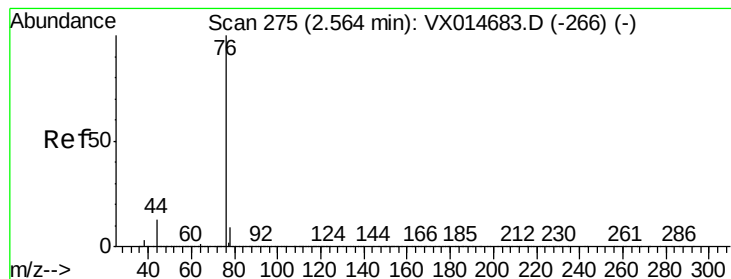
58 29.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.929 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

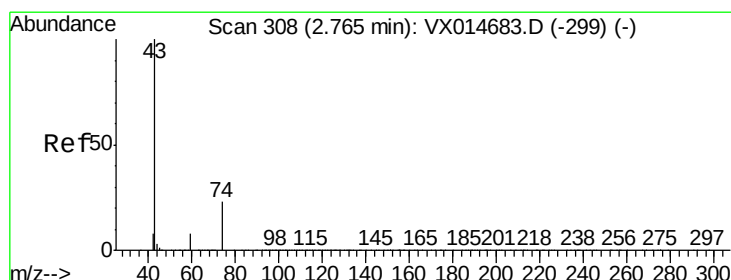
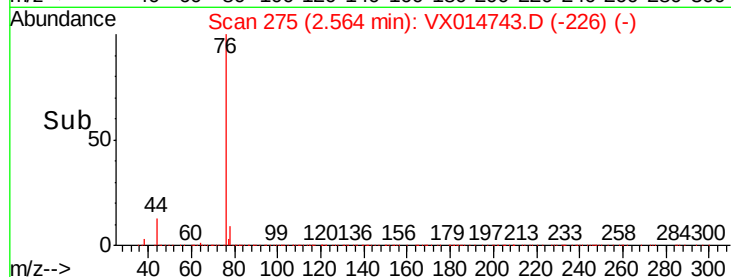
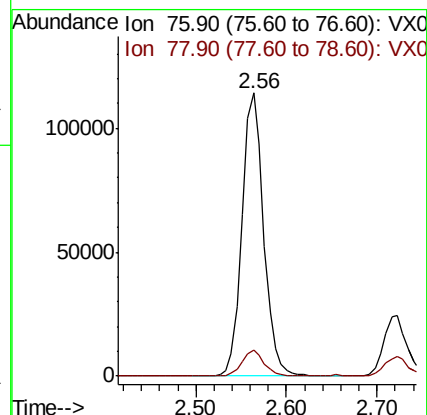
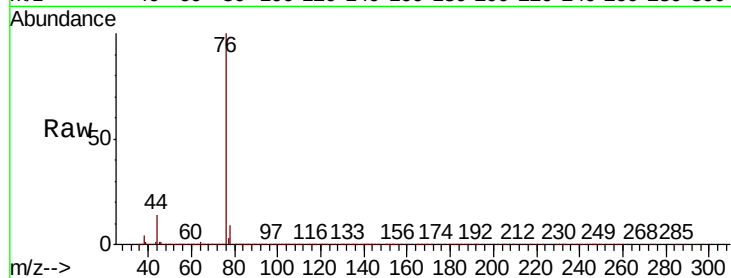
ClientSampleId :

Tot Ion: 76 Resp: 189875

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 18.717 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014743.D

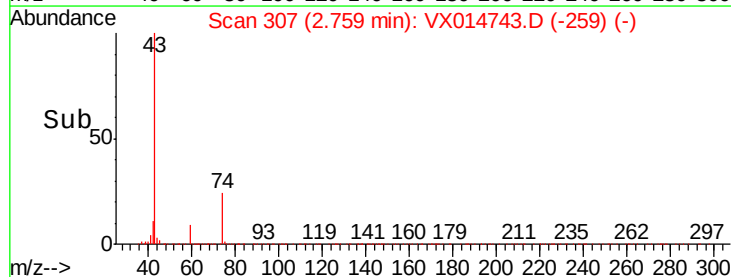
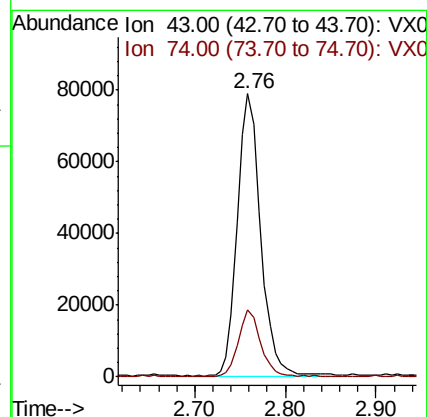
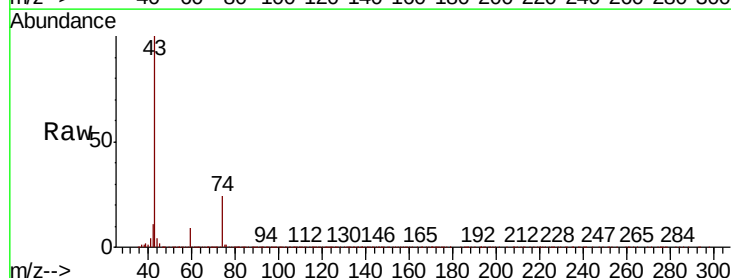
Acq: 28 Jan 2020 11:54

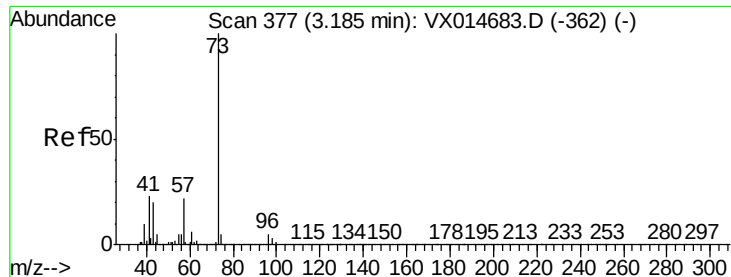
Tgt Ion: 43 Resp: 141158

Ion Ratio Lower Upper

43 100

74 21.8 18.5 27.7

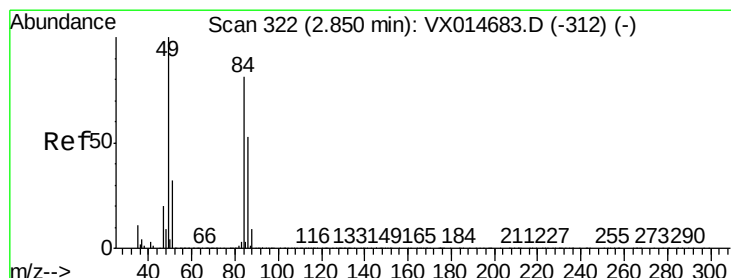
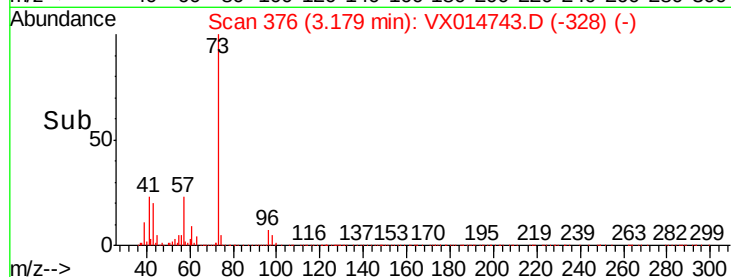
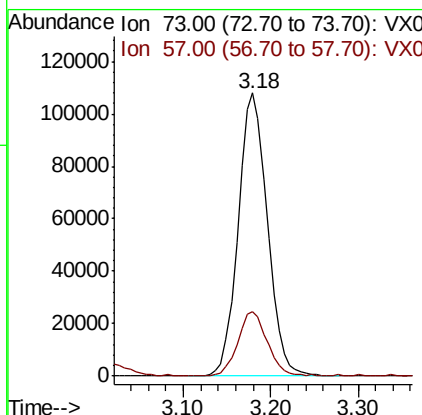
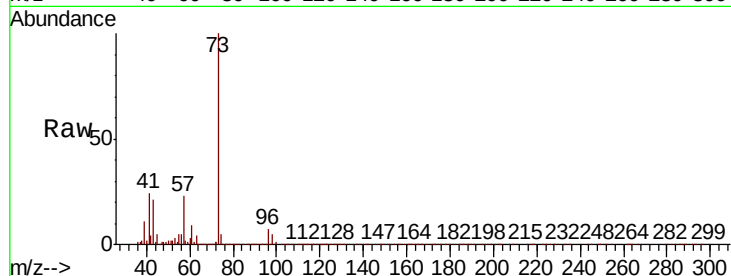




#19
Methyl tert-butyl Ether
Concen: 18.619 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

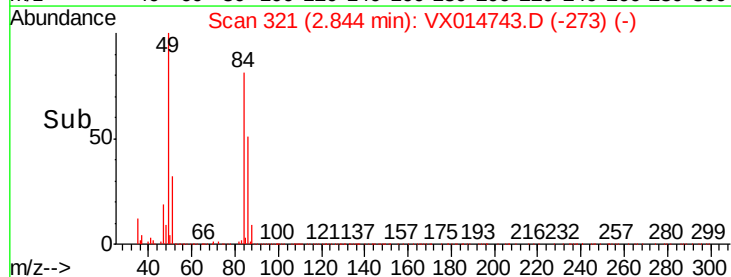
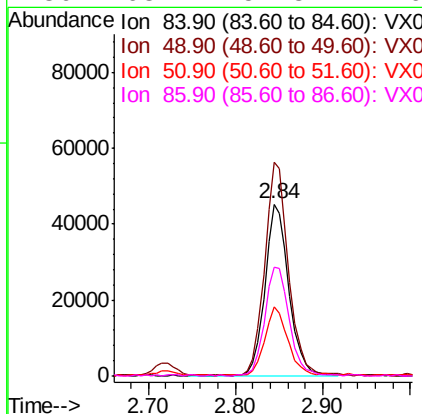
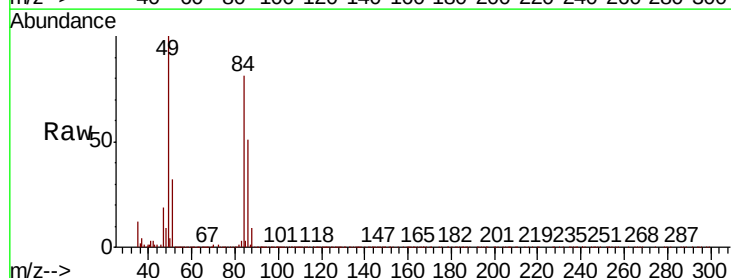
Instrument :
MSVOA_X
ClientSampled :

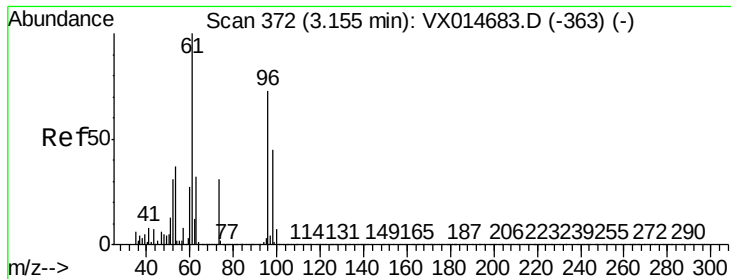
Tot Ion: 73 Resp: 250269
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 17.675 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 84 Resp: 86414
Ion Ratio Lower Upper
84 100
49 123.2 98.2 147.4
51 39.4 31.3 46.9
86 63.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.160 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

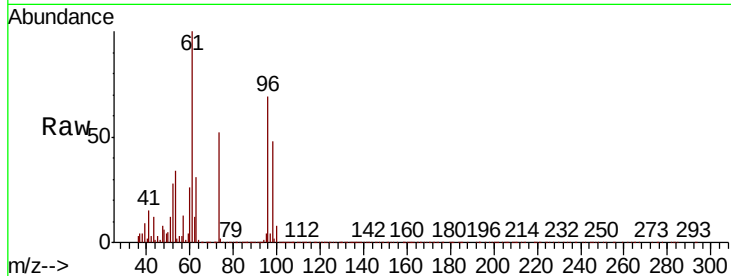
Tot Ion: 96 Resp: 77537

Ion Ratio Lower Upper

96 100

61 144.8 109.8 164.6

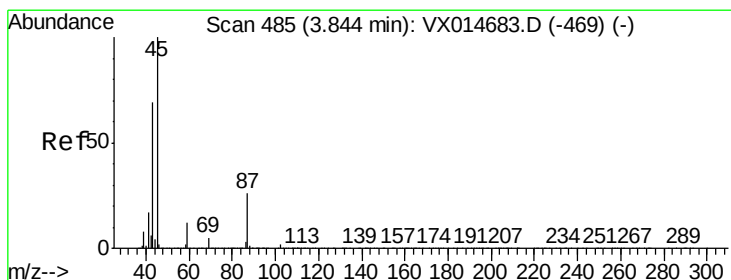
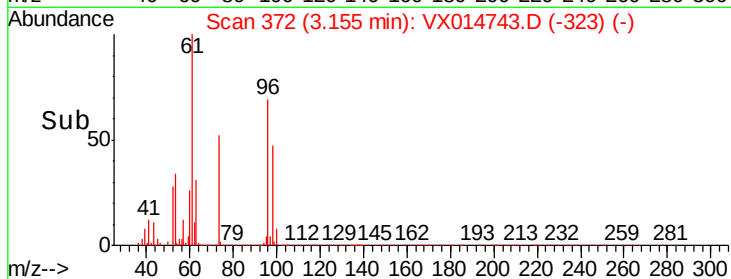
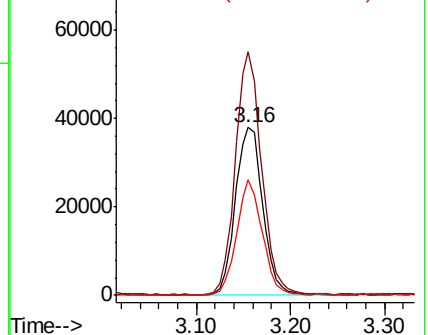
98 68.8 49.6 74.4



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



#22

Diisopropyl ether

Concen: 18.583 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion: 45 Resp: 272712

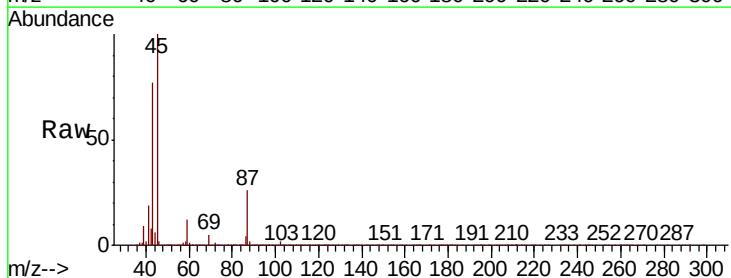
Ion Ratio Lower Upper

45 100

43 76.3 55.1 82.7

87 26.0 20.7 31.1

59 11.4 9.2 13.8

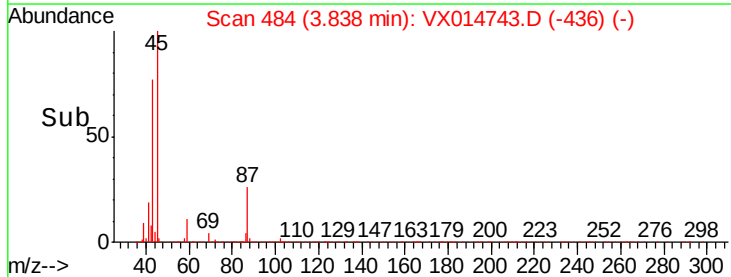
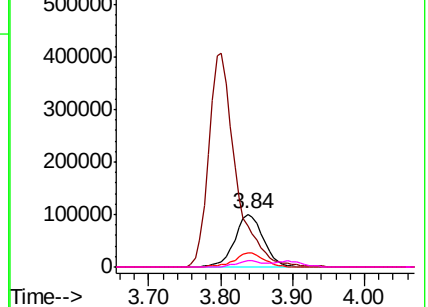


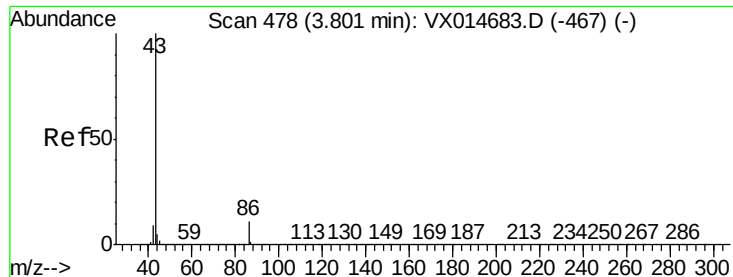
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

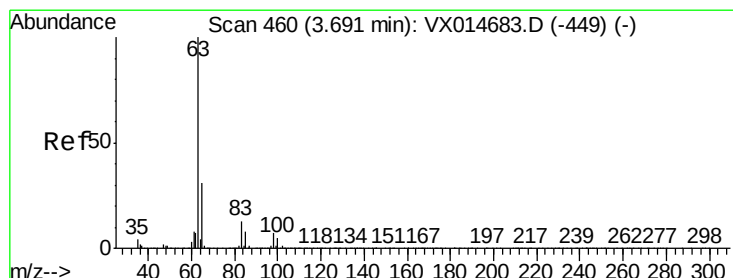
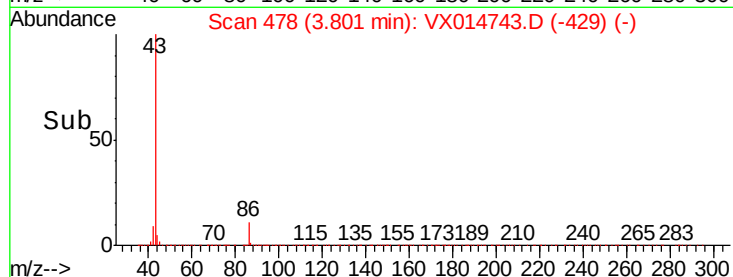
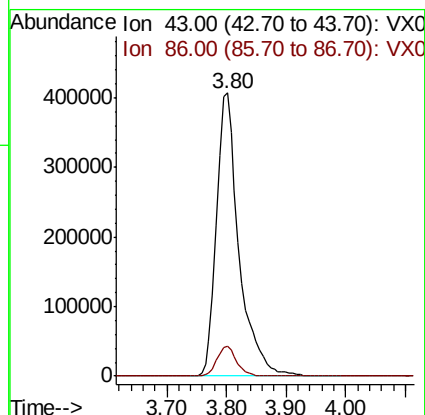
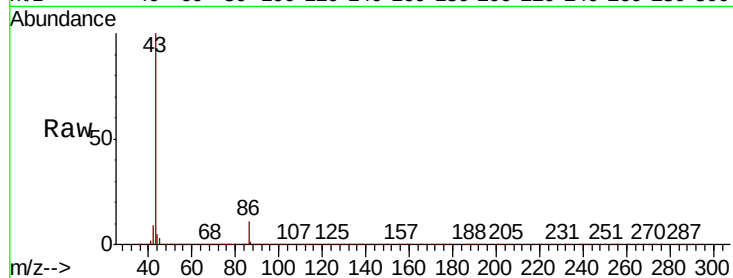
ClientSampleId :

Tot Ion: 43 Resp: 1058871

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.211 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

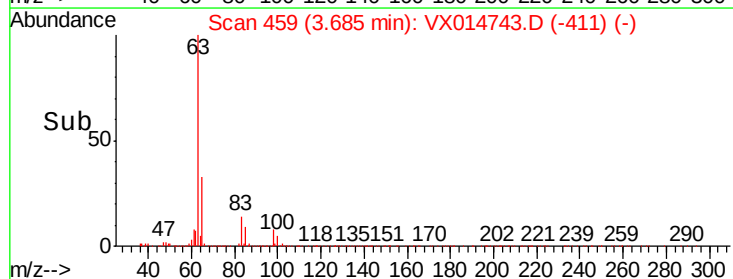
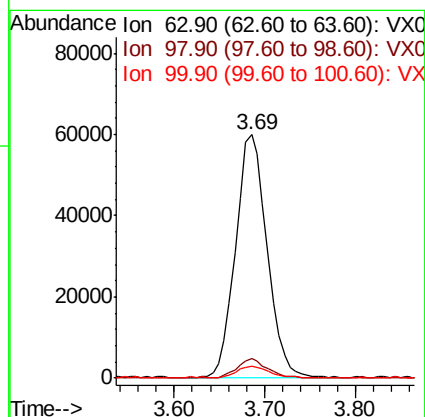
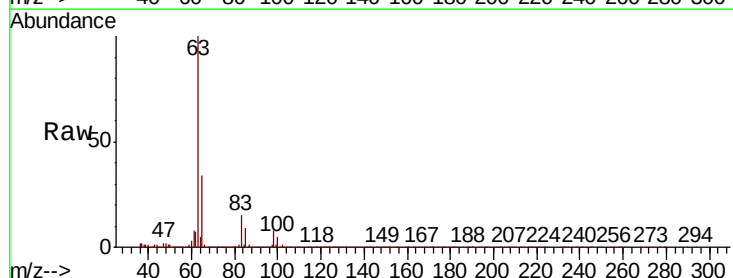
Tgt Ion: 63 Resp: 145139

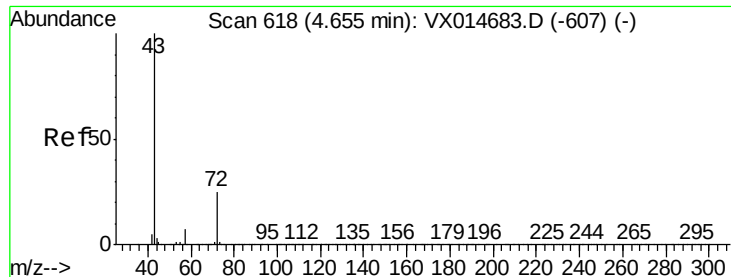
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.3 2.2 6.6

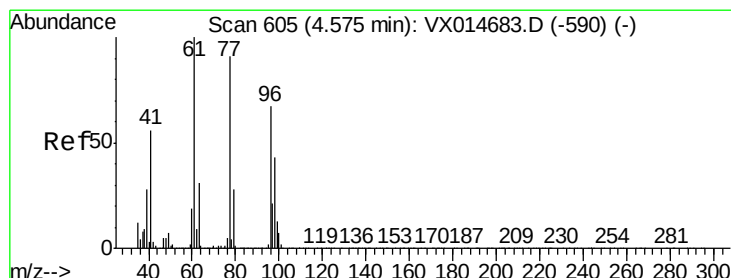
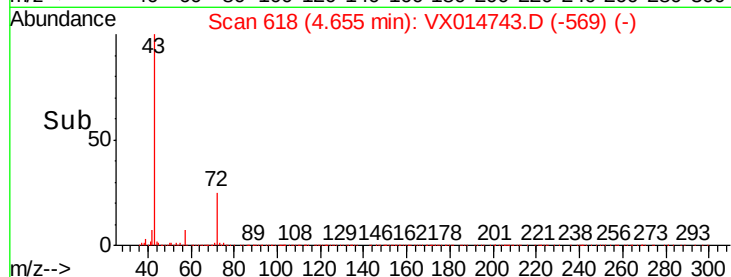
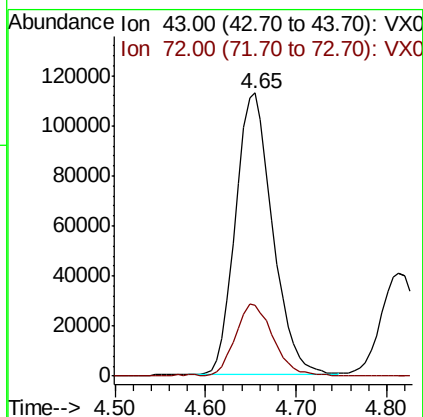
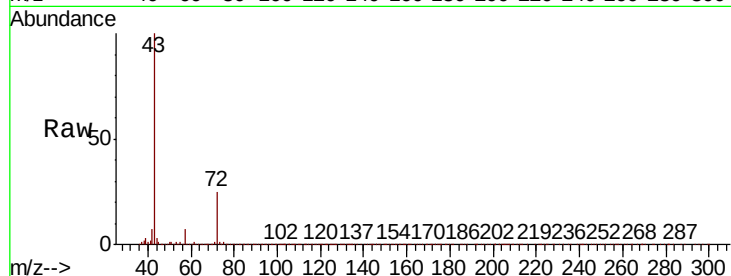




#25
2-Butanone
Concen: 84.633 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

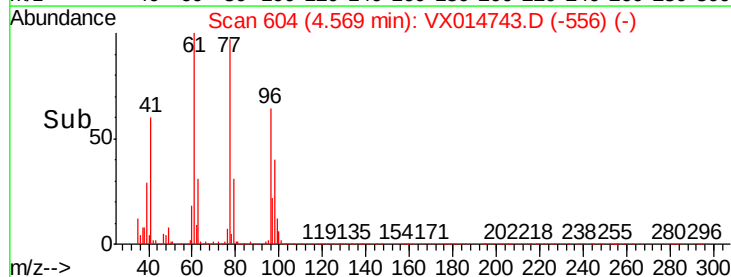
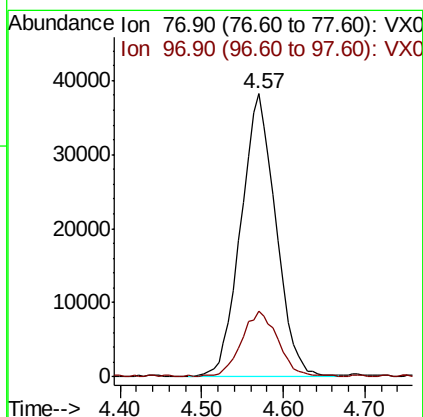
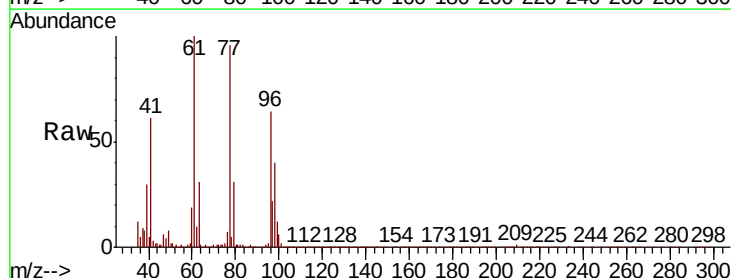
Instrument :
MSVOA_X
ClientSampleId :

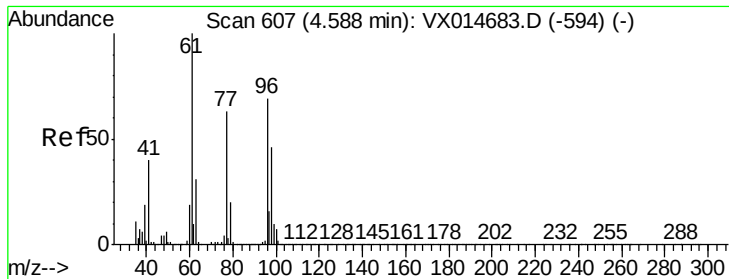
Tot Ion: 43 Resp: 320376
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.911 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 77 Resp: 114258
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3



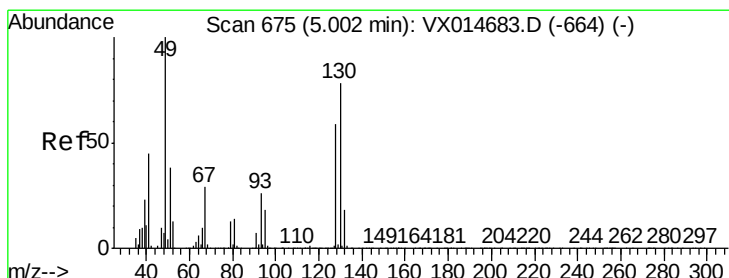
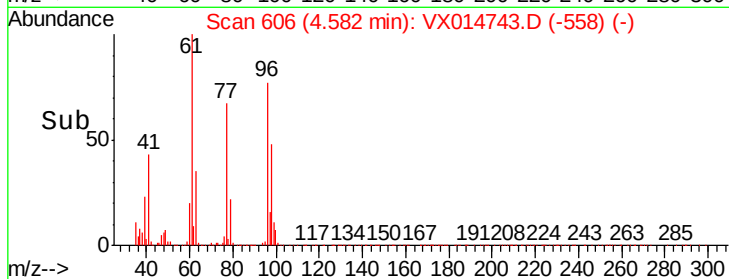
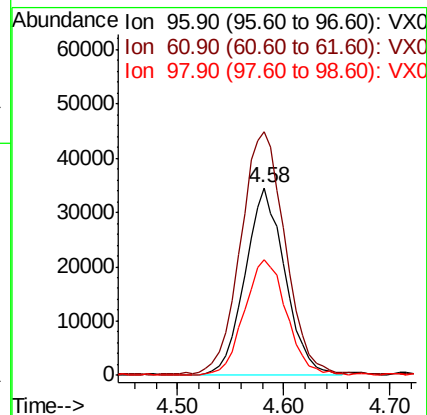
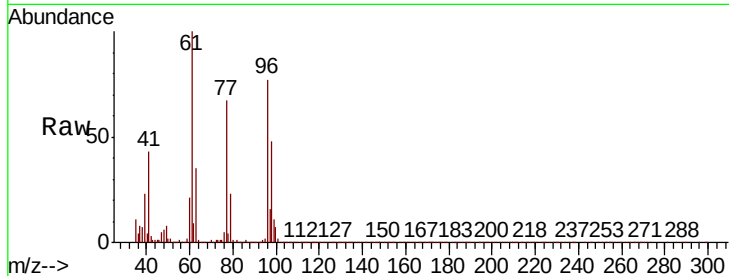


#27

cis-1,2-Dichloroethene
Concen: 17.896 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampled :

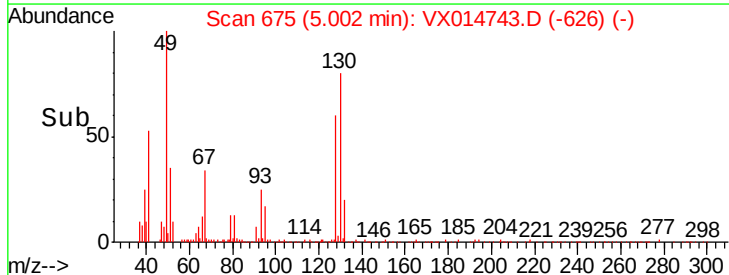
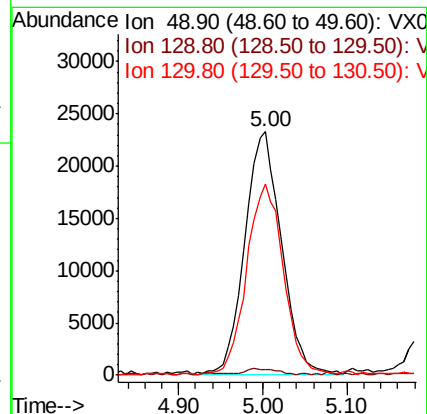
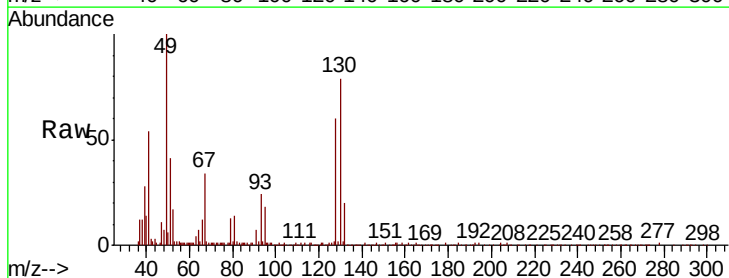
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	291.0
98	65.7	0.0	129.8

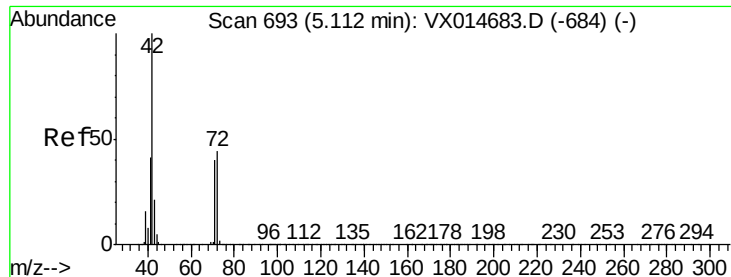


#28

Bromochloromethane
Concen: 19.752 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	77.4	62.4	93.6

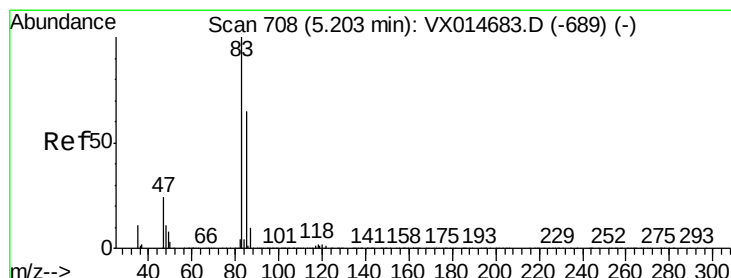
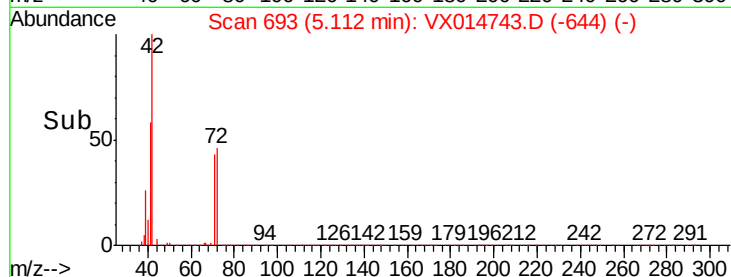
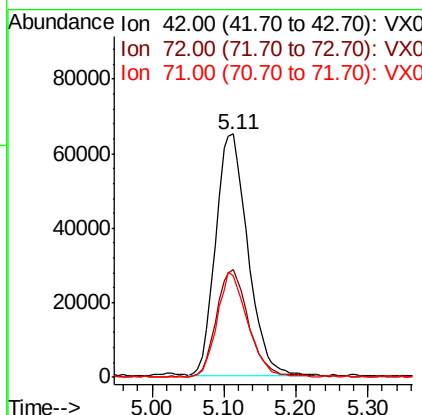
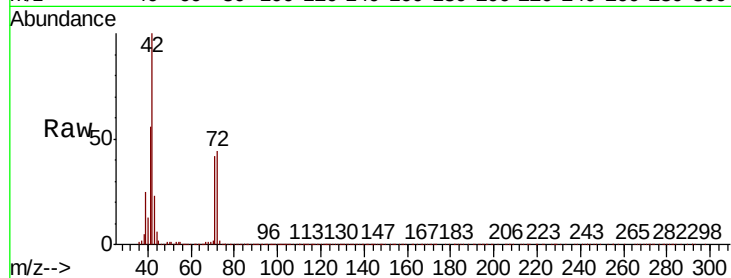




#29
Tetrahydrofuran
Concen: 89.582 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

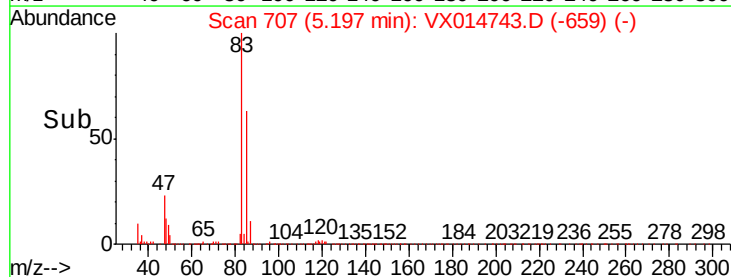
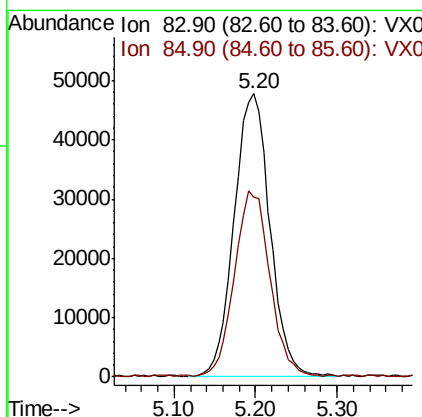
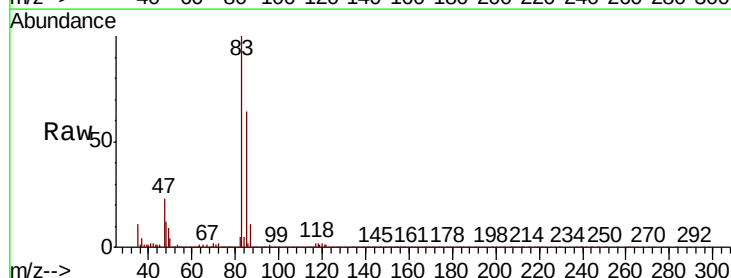
Instrument :
MSVOA_X
ClientSampleId :

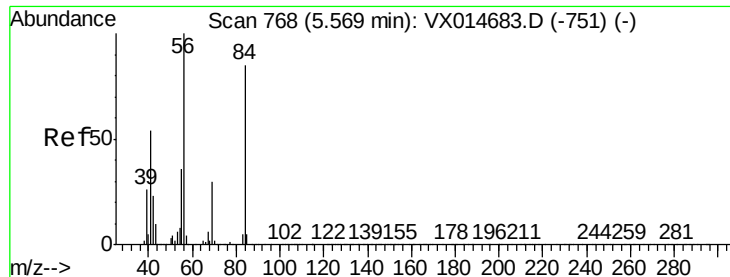
Tot Ion: 42 Resp: 201268
Ion Ratio Lower Upper
42 100
72 43.5 35.3 52.9
71 40.8 33.1 49.7



#30
Chloroform
Concen: 18.384 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 83 Resp: 145144
Ion Ratio Lower Upper
83 100
85 63.2 51.7 77.5

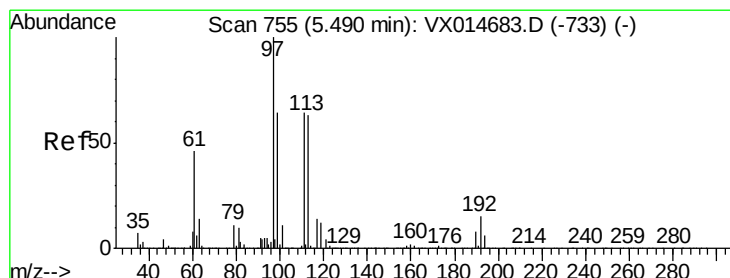
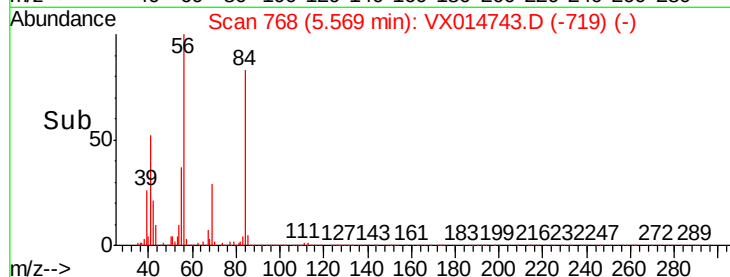
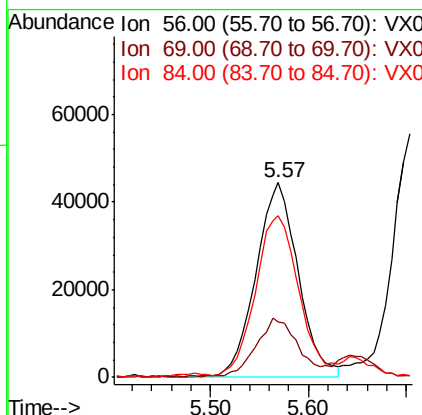
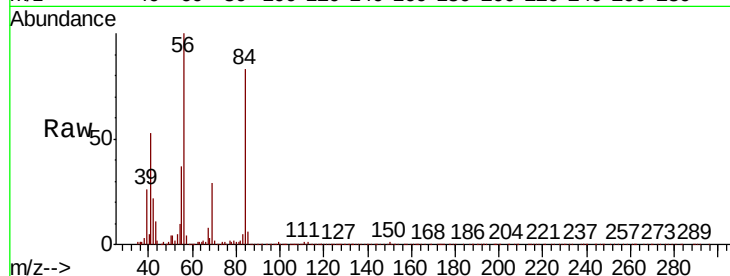




#31
Cyclohexane
Concen: 17.574 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

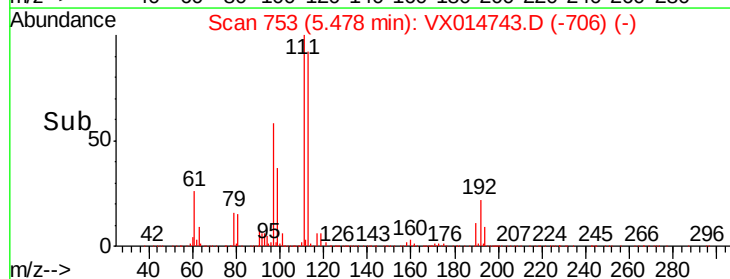
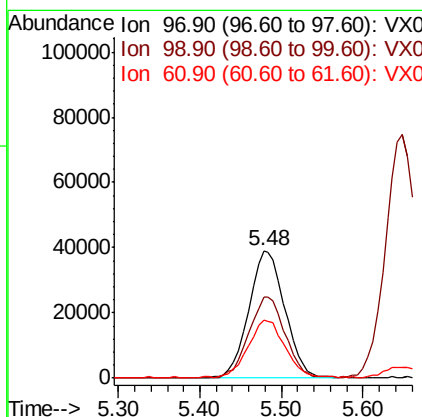
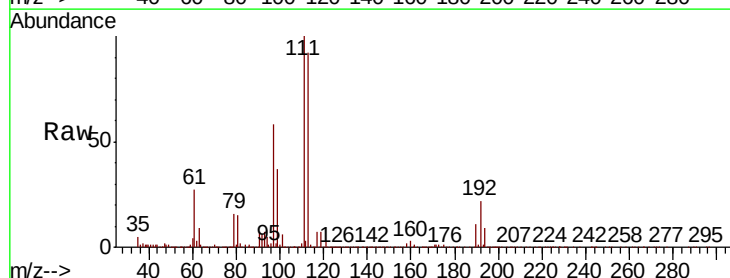
Instrument :
MSVOA_X
ClientSampleId :

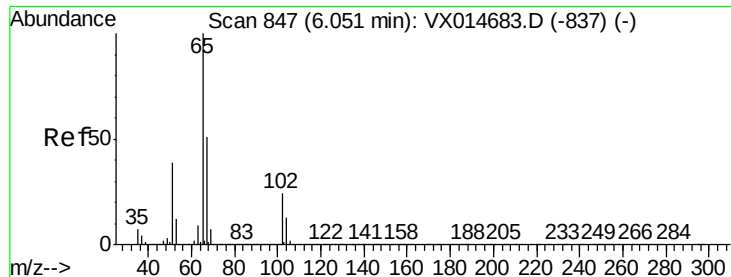
Tot Ion: 56 Resp: 131738
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.2
84 81.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 17.878 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 97 Resp: 119308
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 46.6 37.2 55.8

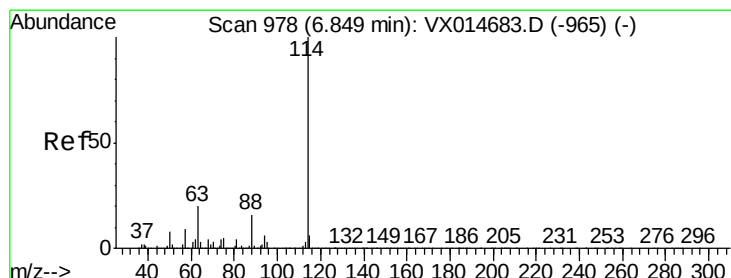
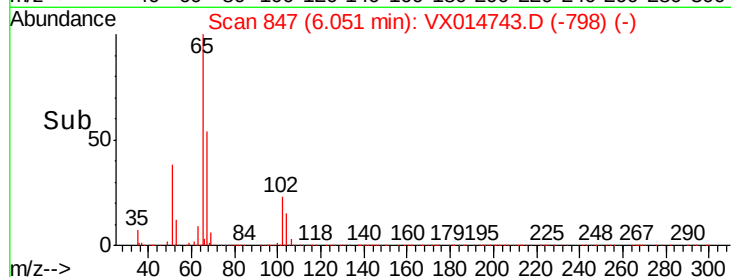
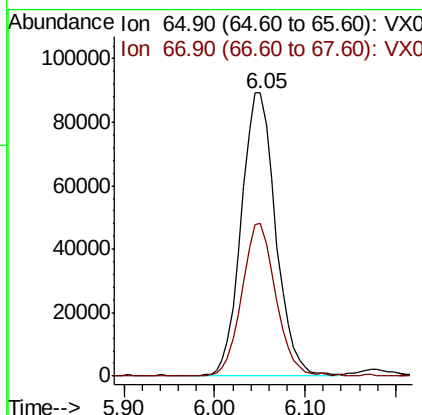
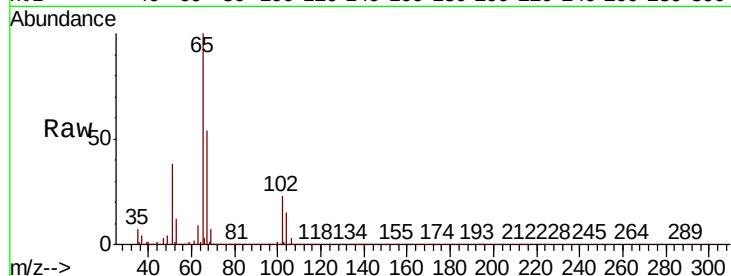




#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

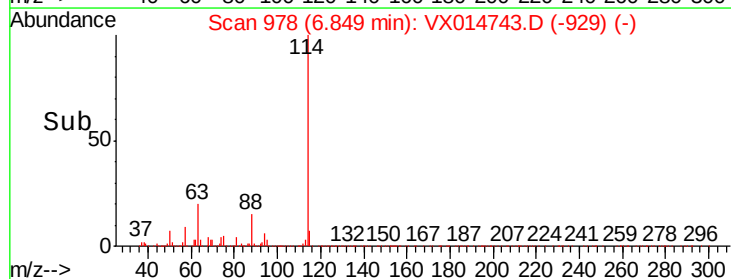
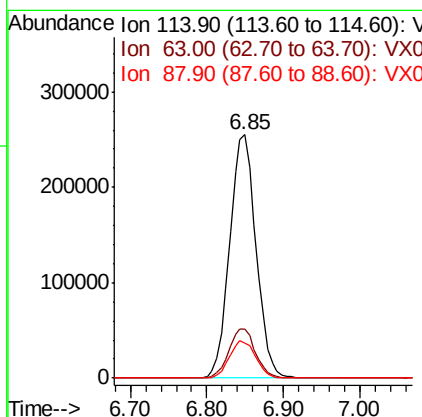
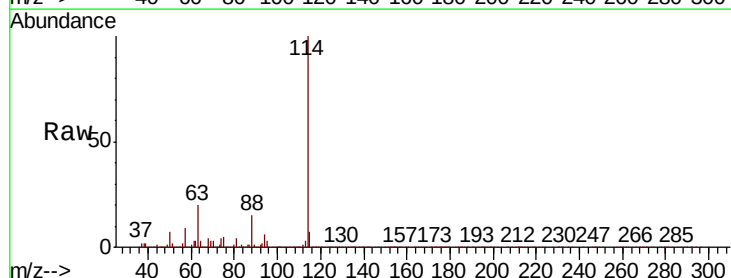
Instrument :
 MSVOA_X
 ClientSampleId :

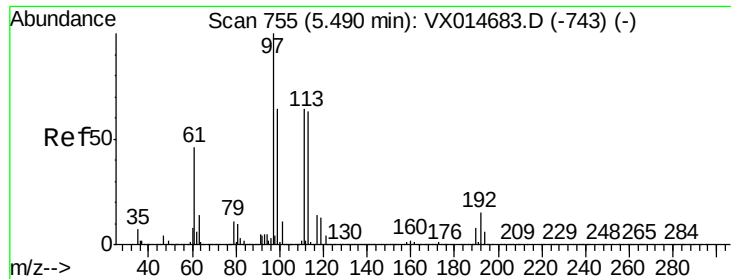
Tot Ion: 65 Resp: 233303
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion: 114 Resp: 606273
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 14.6 0.0 31.2

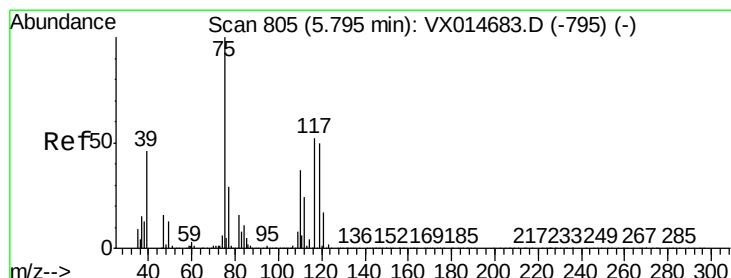
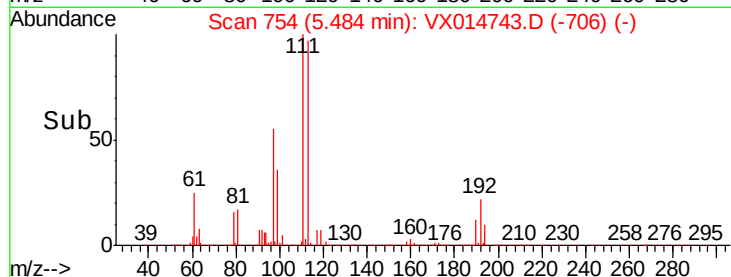
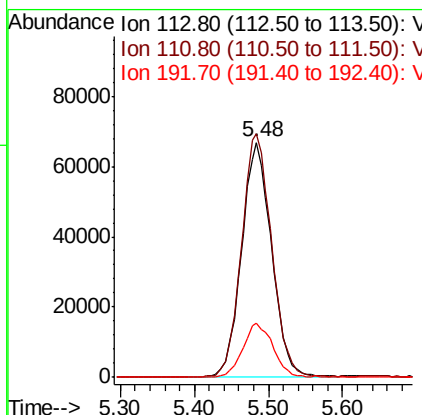
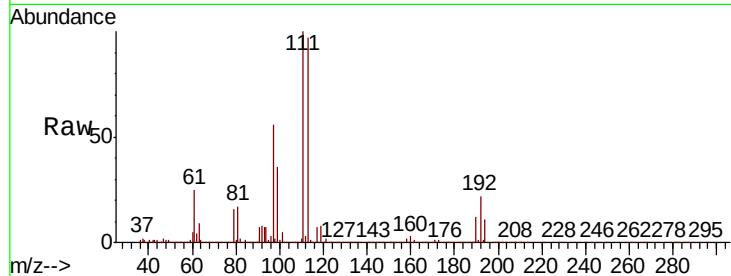




#35
 Dibromofluoromethane
 Concen: 48.924 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

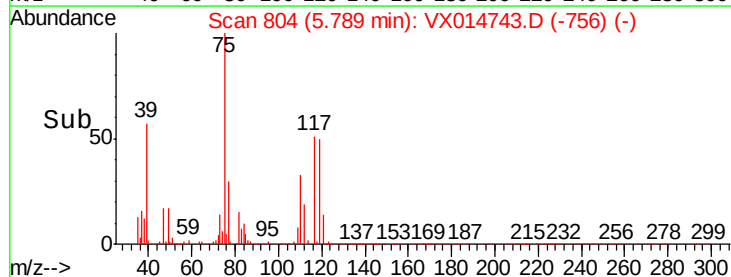
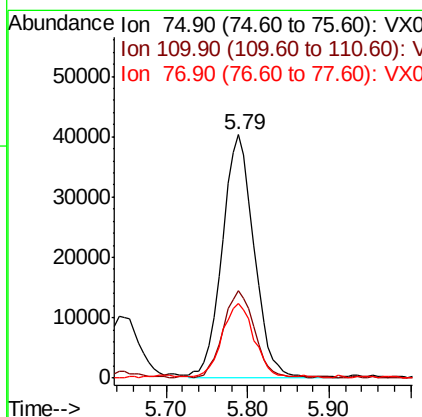
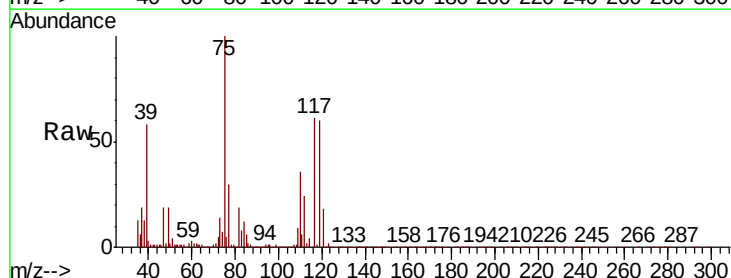
Instrument :
 MSVOA_X
 ClientSampleId :

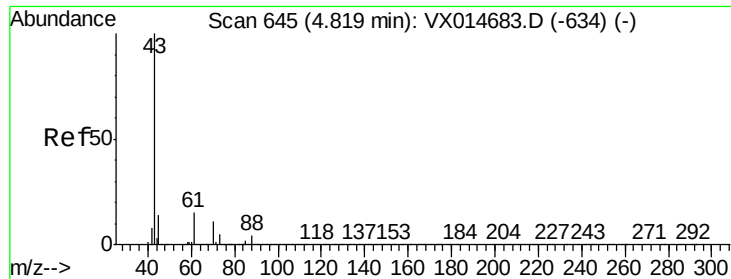
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.7	121.1
192	23.6	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.050 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.9	53.7
77	30.6	24.1	36.1

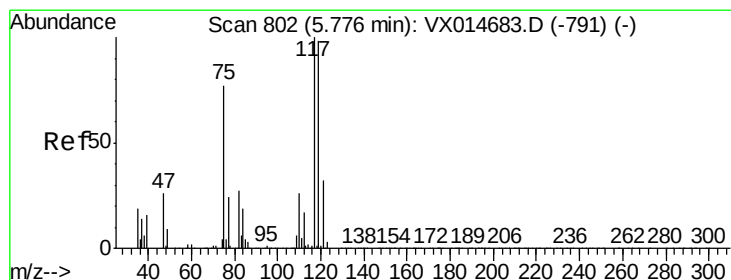
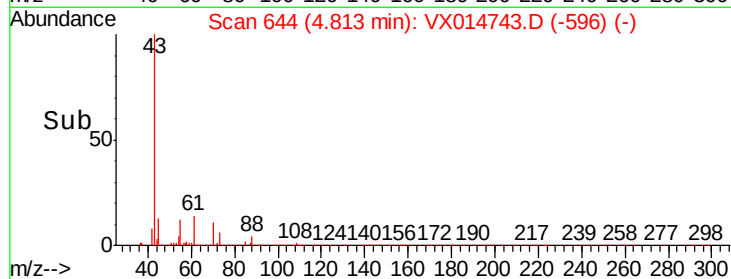
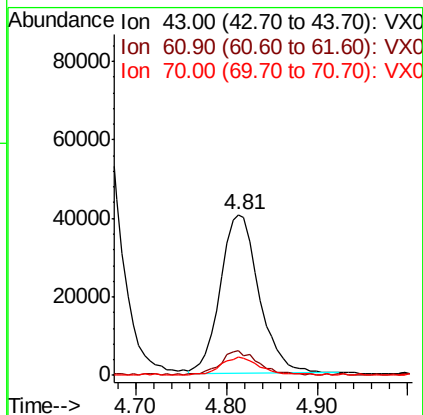
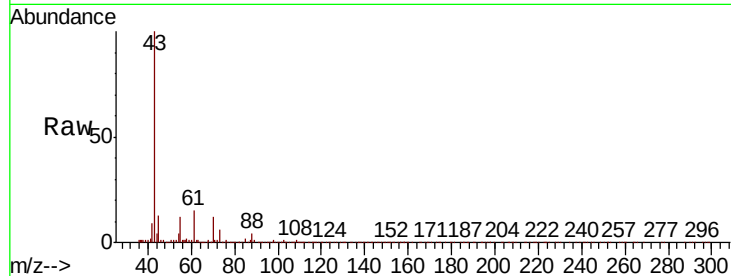




#37
Ethyl Acetate
Concen: 18.636 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

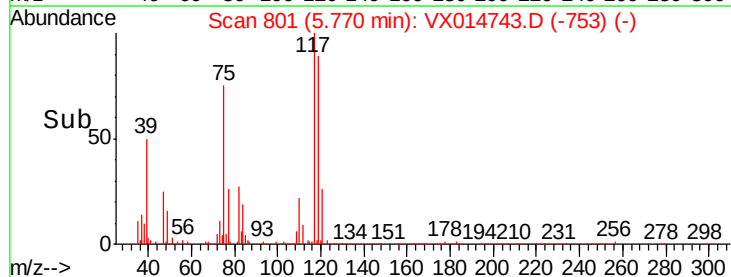
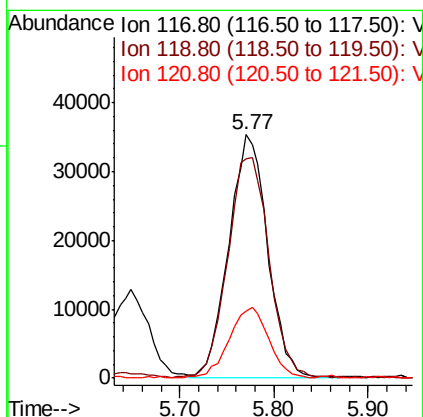
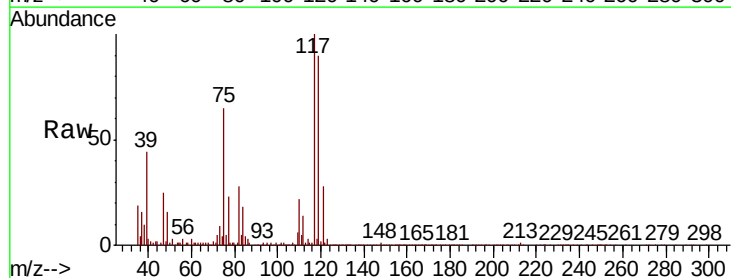
Instrument :
MSVOA_X
ClientSampleId :

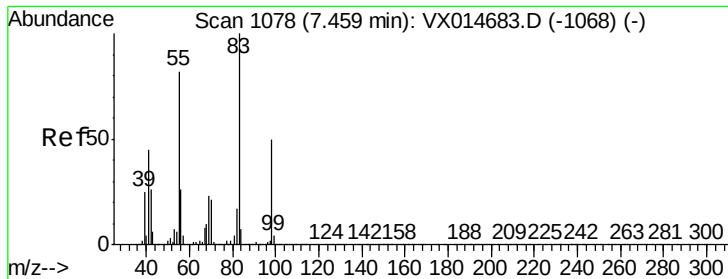
Tot Ion:	43	Resp:	120241
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.8	8.5	12.7



#38
Carbon Tetrachloride
Concen: 18.727 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion:	117	Resp:	100753
Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.9	116.9
121	27.3	25.4	38.2

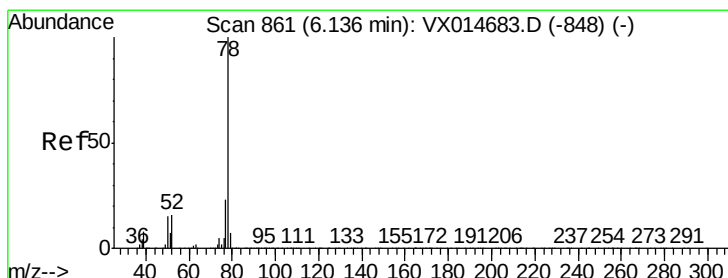
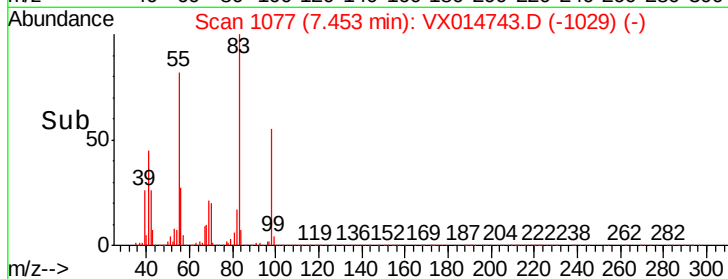
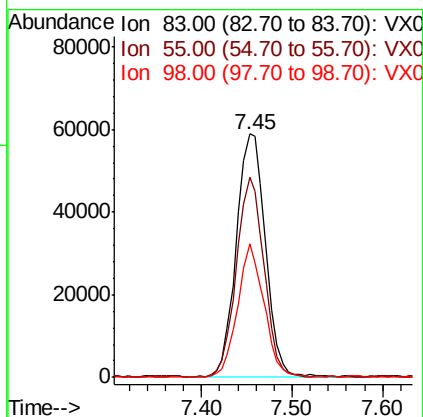
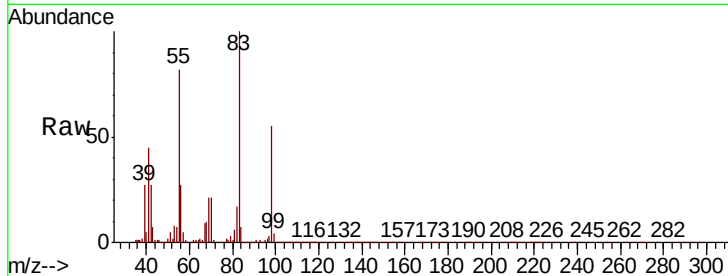




#39
Methylvlcyclohexane
Concen: 18.485 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

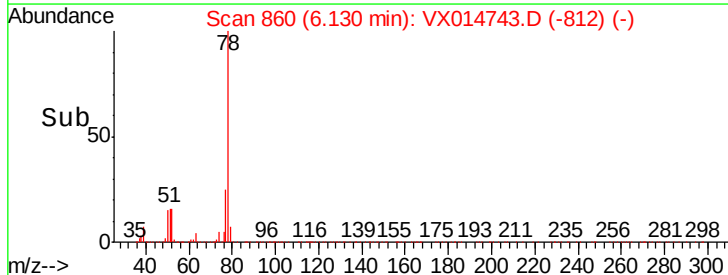
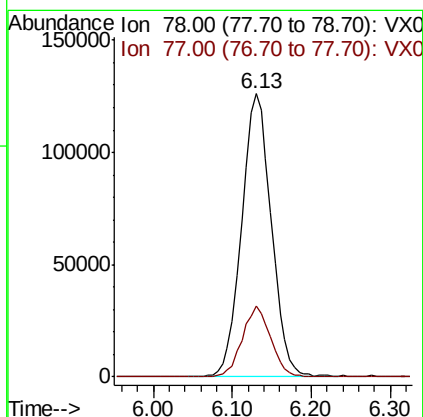
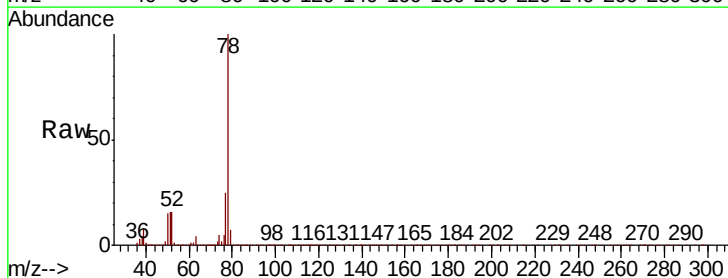
Instrument :
MSVOA_X
ClientSampleId :

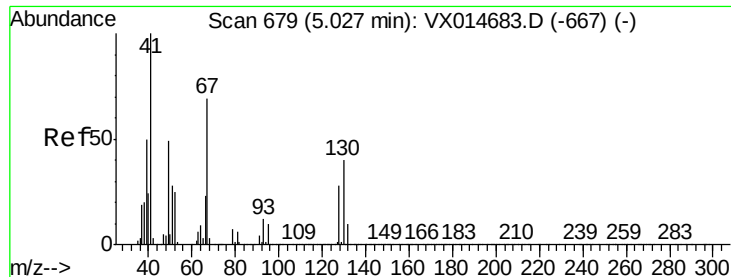
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	65.6	98.4
98	54.8	40.2	60.4



#40
Benzene
Concen: 18.894 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.7	28.1

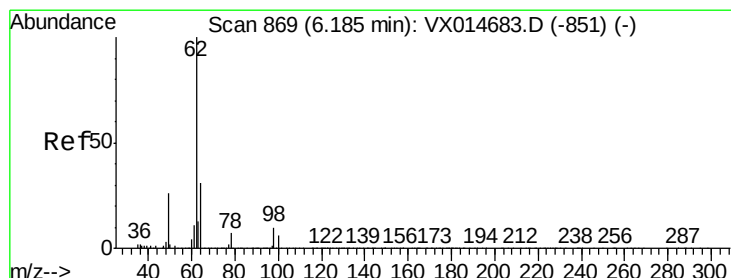
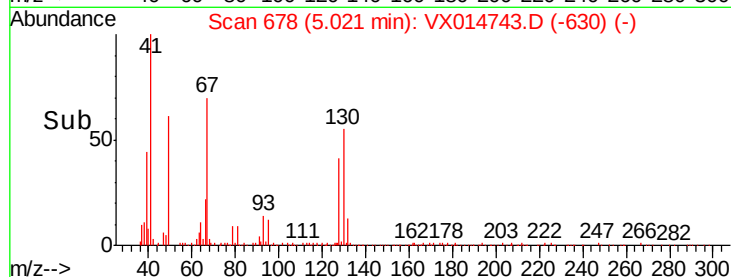
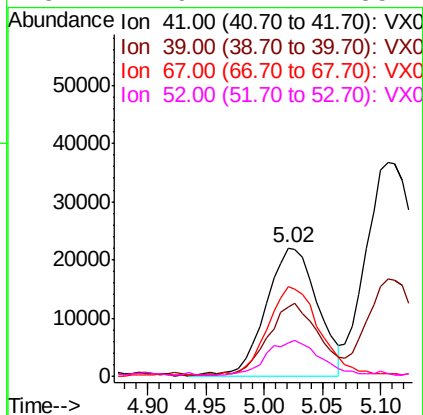
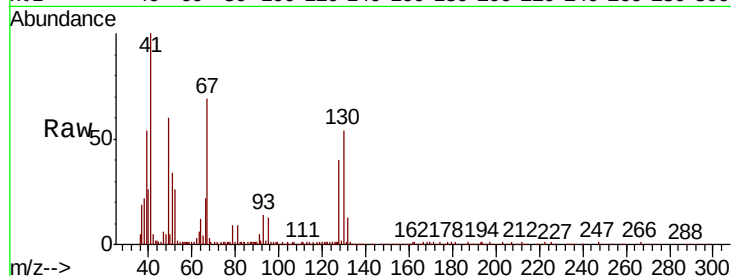




#41
Methacrylonitrile
Concen: 18.357 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

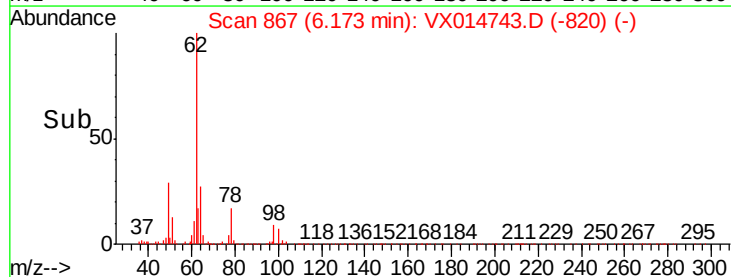
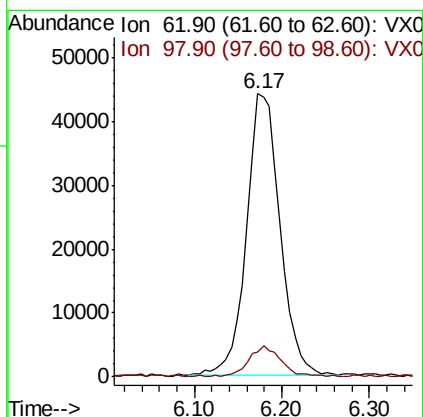
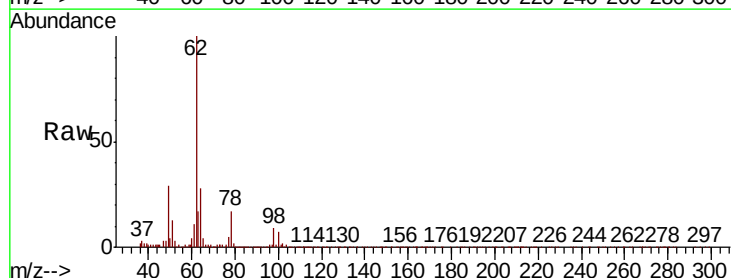
Instrument :
MSVOA_X
ClientSampled :

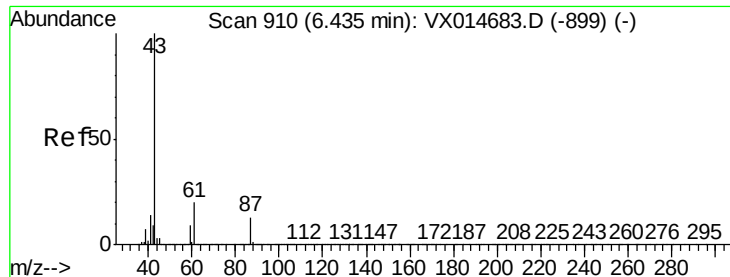
Tot Ion:	41	Resp:	68167
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	69.3	55.4	83.0
52	27.9	22.1	33.1



#42
1,2-Dichloroethane
Concen: 19.513 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion:	62	Resp:	117286
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.369 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

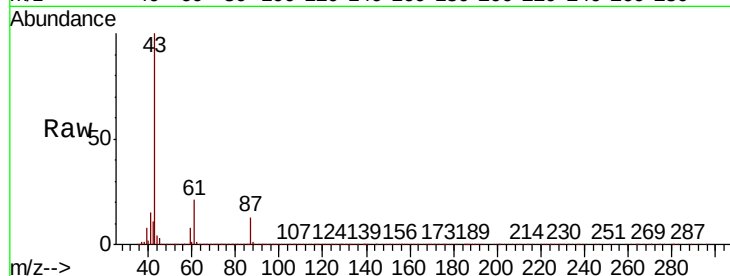
Tot Ion: 43 Resp: 194081

Ion Ratio Lower Upper

43 100

61 20.9 16.2 24.4

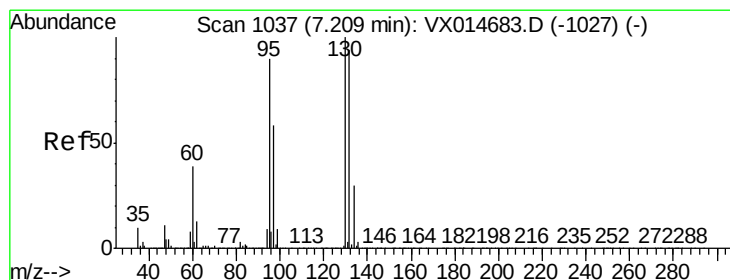
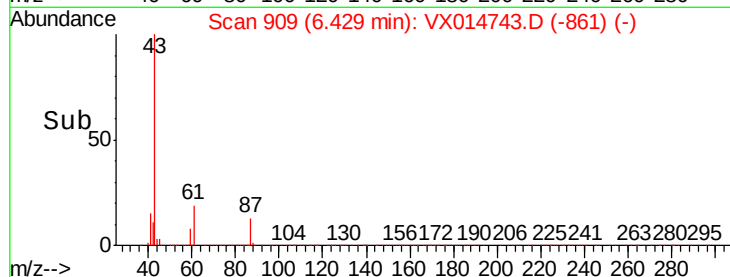
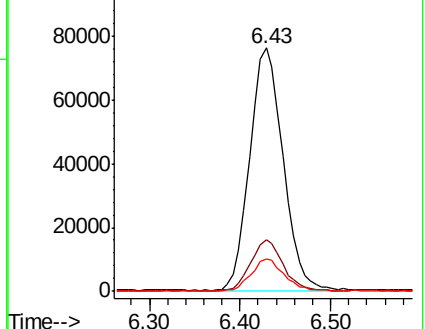
87 13.1 10.5 15.7



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: 18.432 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014743.D

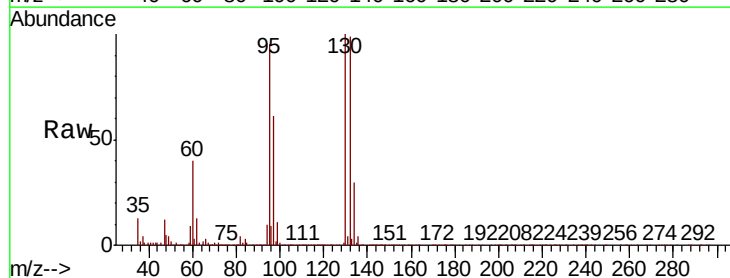
Acq: 28 Jan 2020 11:54

Tgt Ion:130 Resp: 90623

Ion Ratio Lower Upper

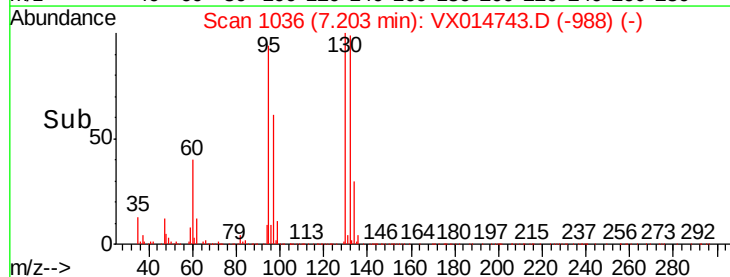
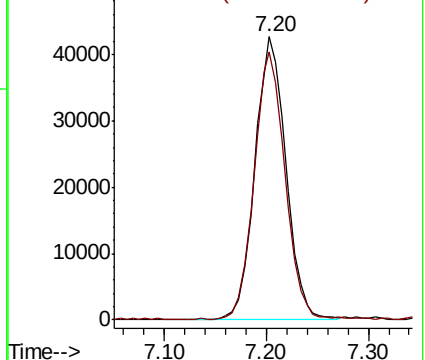
130 100

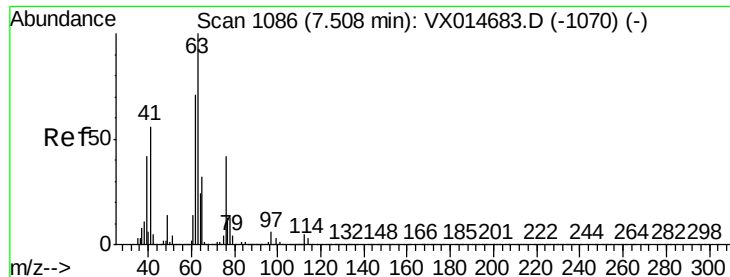
95 94.3 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

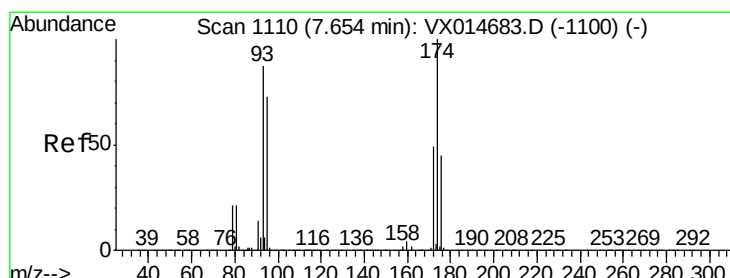
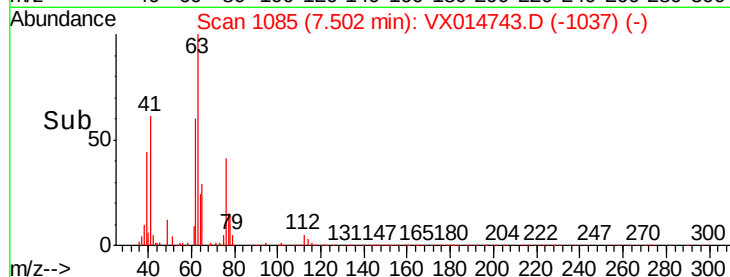
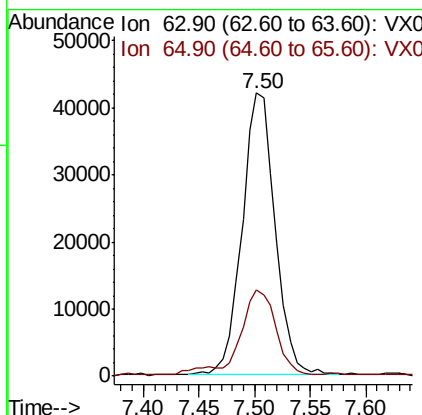
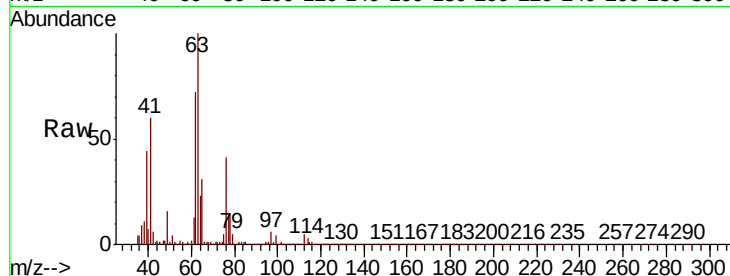




#45
 1,2-Dichloropropane
 Concen: 19.091 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

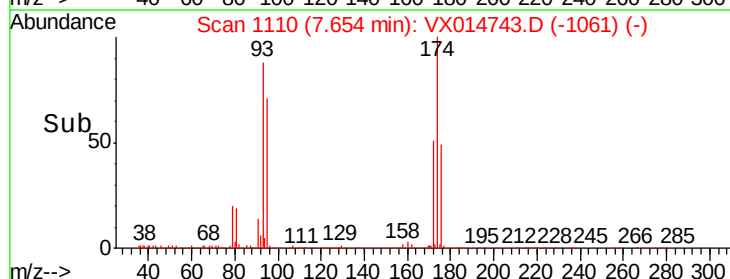
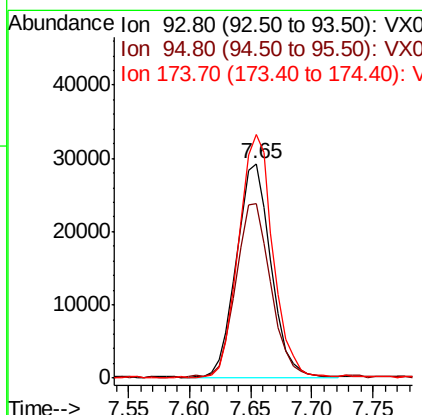
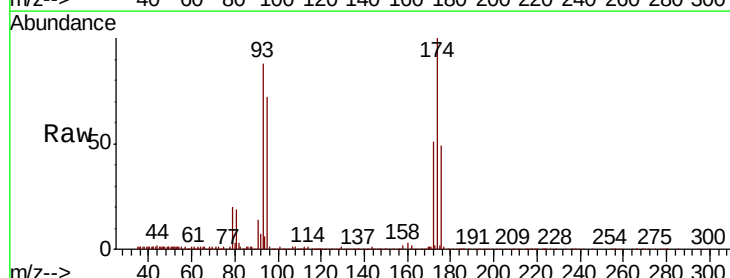
Instrument :
 MSVOA_X
 ClientSampled :

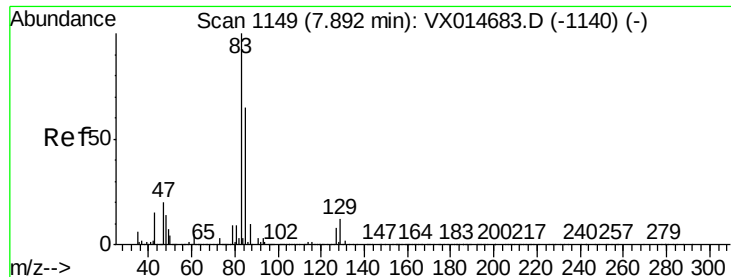
Tot Ion: 63 Resp: 85608
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.2 37.8



#46
 Dibromomethane
 Concen: 19.705 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion: 93 Resp: 57228
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 113.9 90.2 135.2





#47

Bromodichloromethane

Concen: 19.413 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :

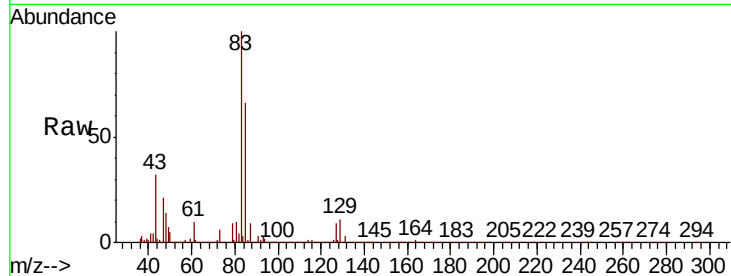
Tot Ion: 83 Resp: 110579

Ion Ratio Lower Upper

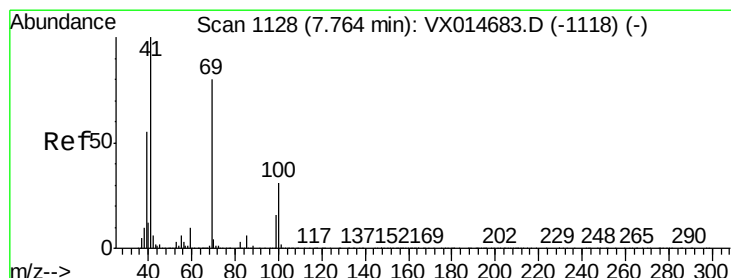
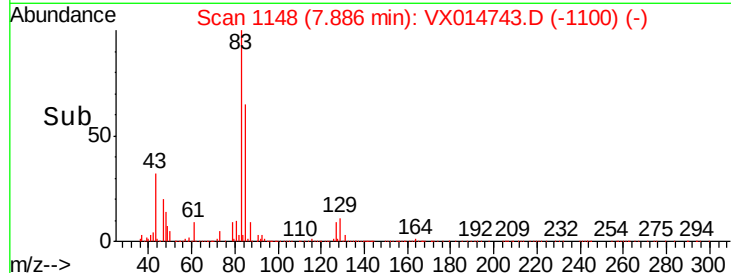
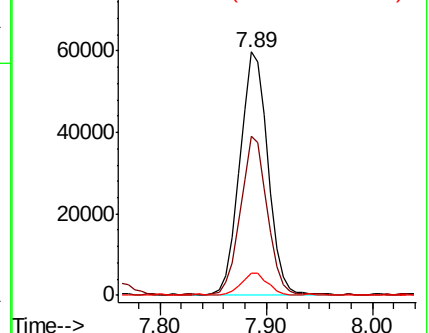
83 100

85 65.6 52.2 78.2

127 8.5 6.4 9.6



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



#48

Methyl methacrylate

Concen: 18.898 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

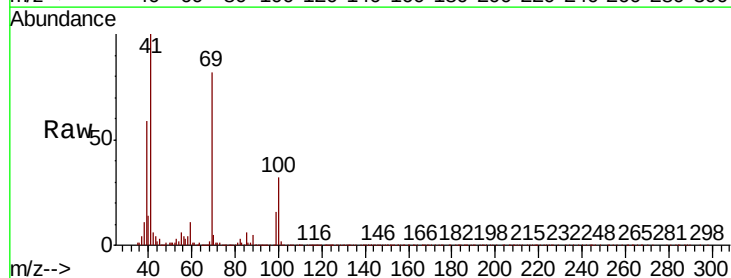
Tgt Ion: 41 Resp: 95402

Ion Ratio Lower Upper

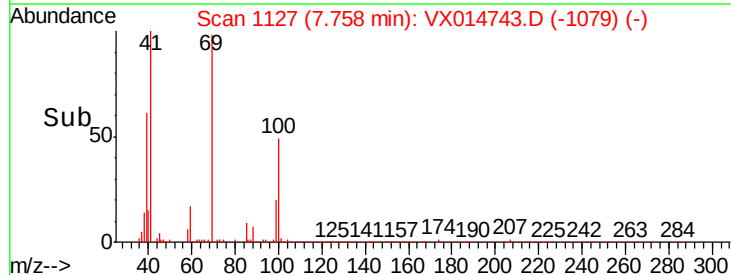
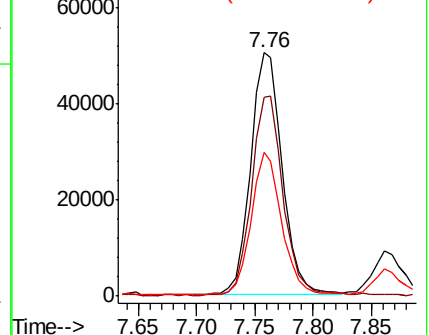
41 100

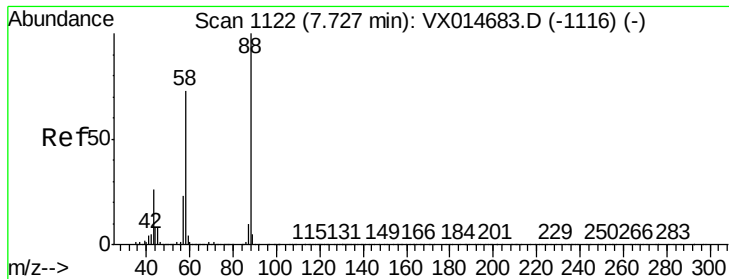
69 82.2 63.5 95.3

39 56.6 43.7 65.5



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: 376.547 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

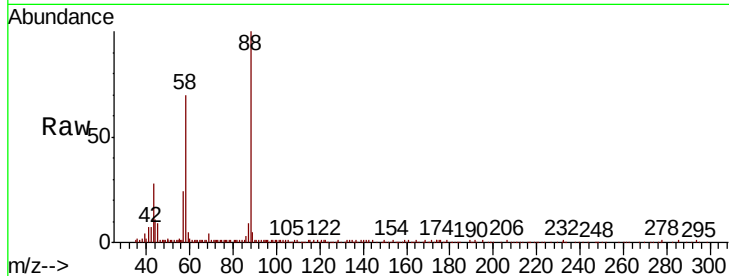
Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 40295

Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.2	39.2
58	73.2	56.6	85.0

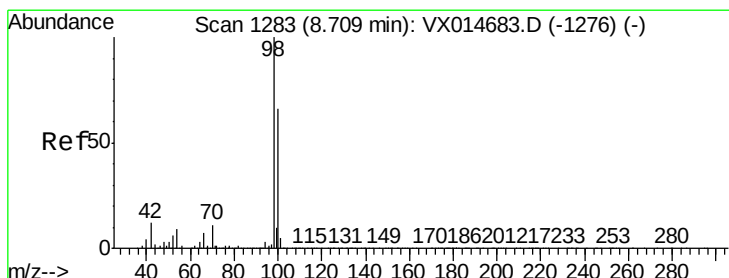
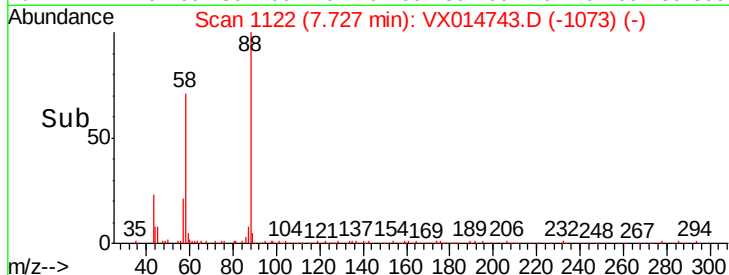
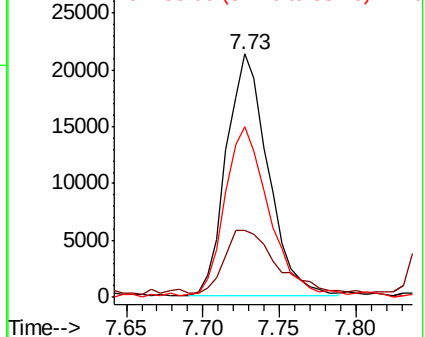


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.261 ug/l

RT: 8.71 min Scan# 1283

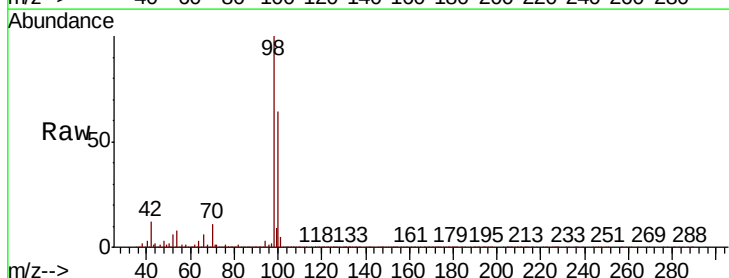
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion: 98 Resp: 724472

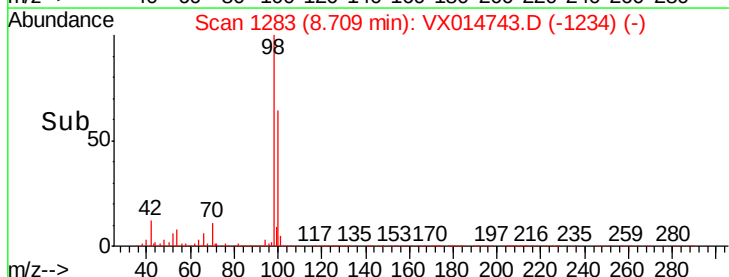
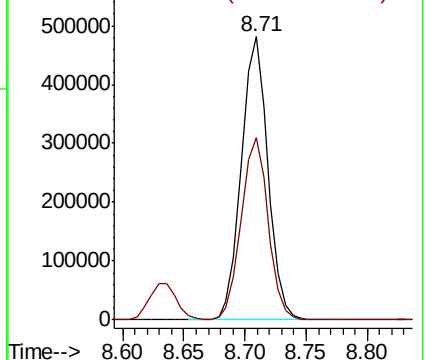
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6

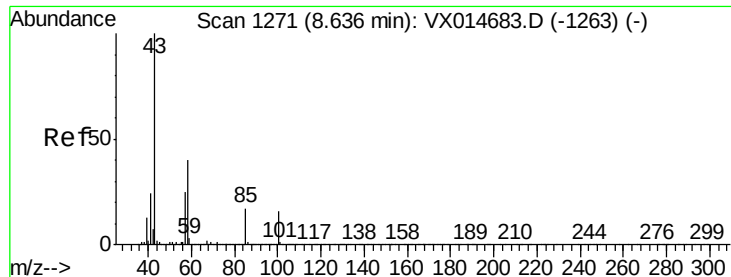


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 93.588 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

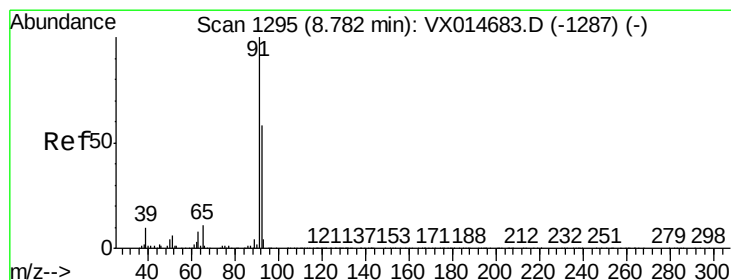
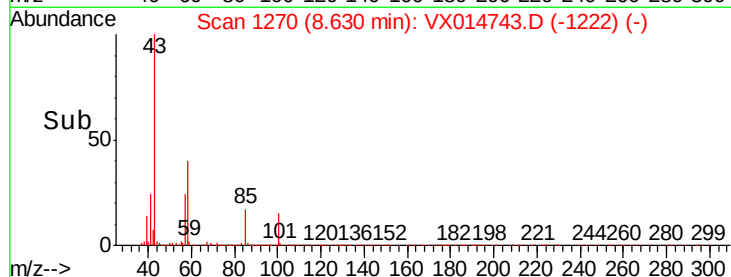
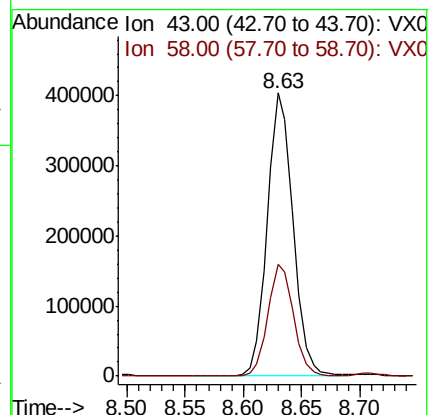
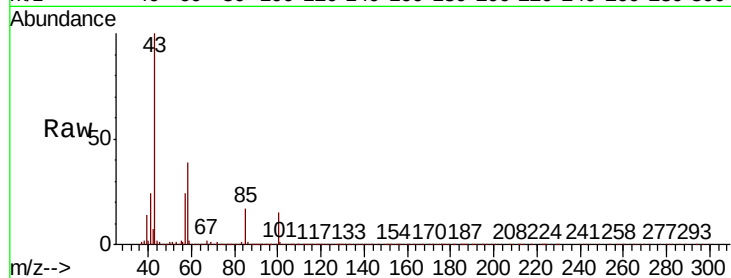
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 624105

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 19.451 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014743.D

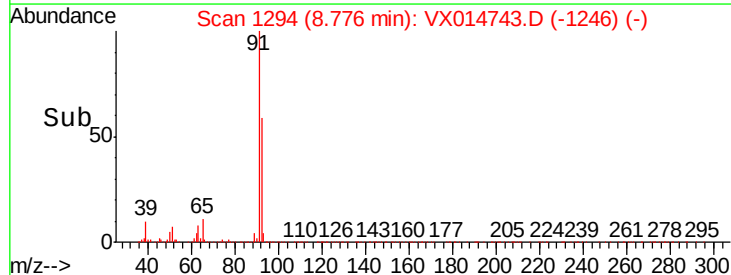
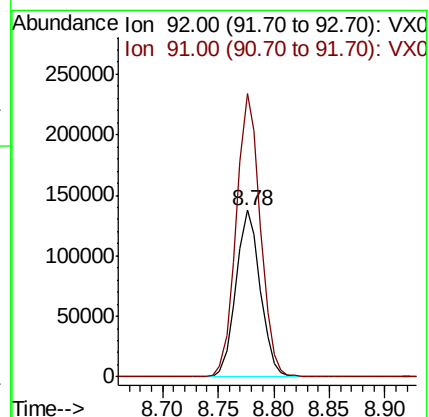
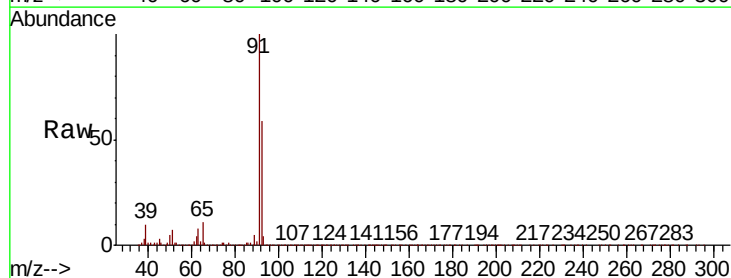
Acq: 28 Jan 2020 11:54

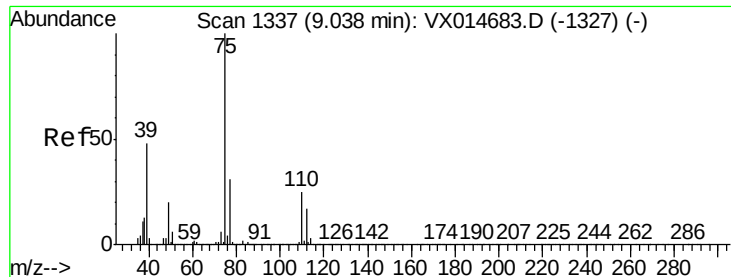
Tgt Ion: 92 Resp: 208120

Ion Ratio Lower Upper

92 100

91 168.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.260 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

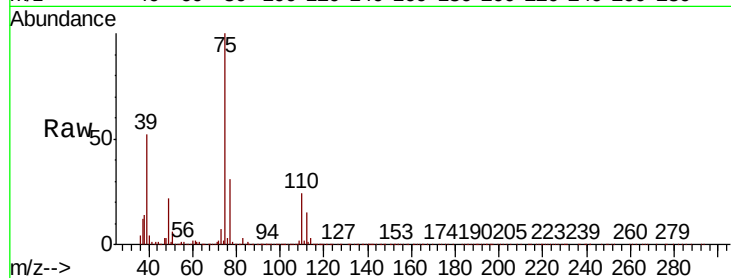
ClientSampleId :

Tot Ion: 75 Resp: 118129

Ion Ratio Lower Upper

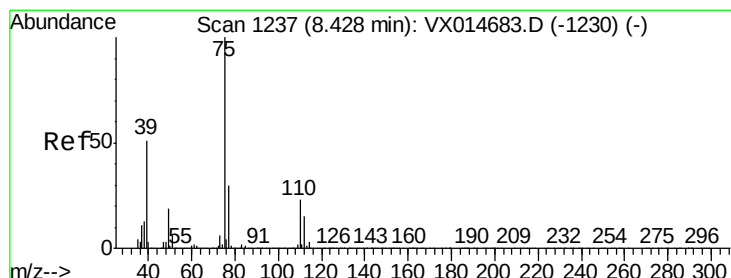
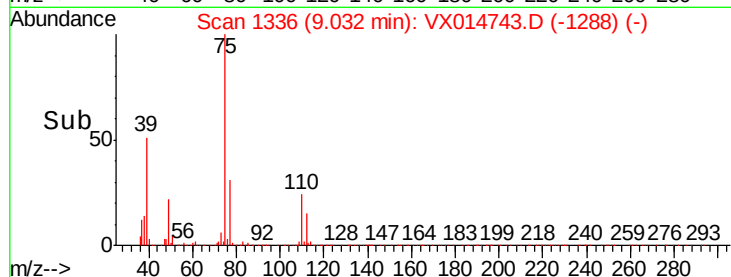
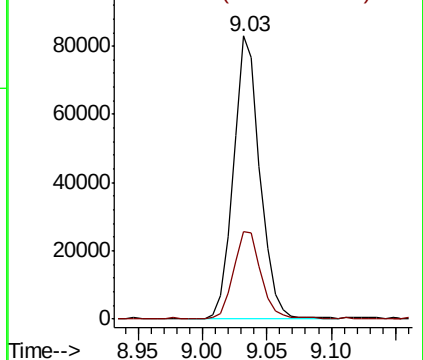
75 100

77 30.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.431 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

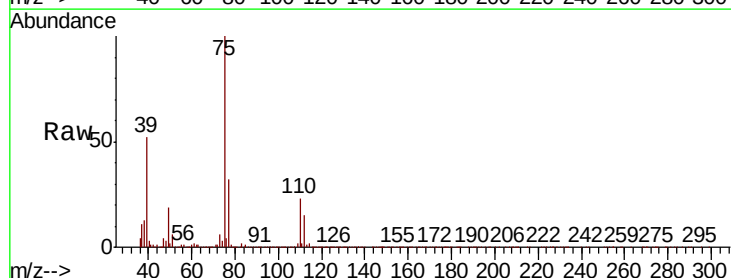
Tgt Ion: 75 Resp: 131108

Ion Ratio Lower Upper

75 100

77 31.6 23.9 35.9

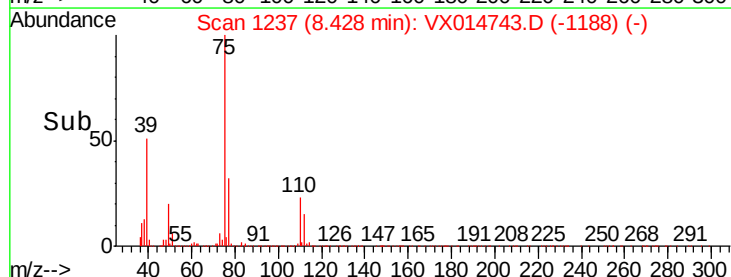
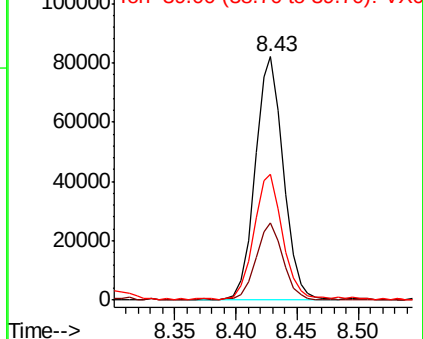
39 51.5 40.9 61.3

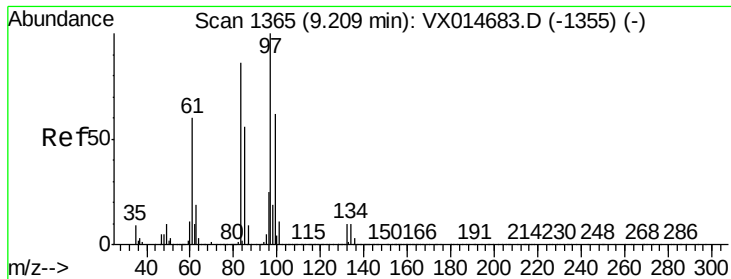


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

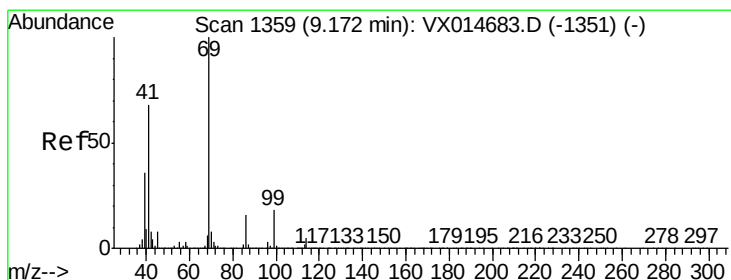
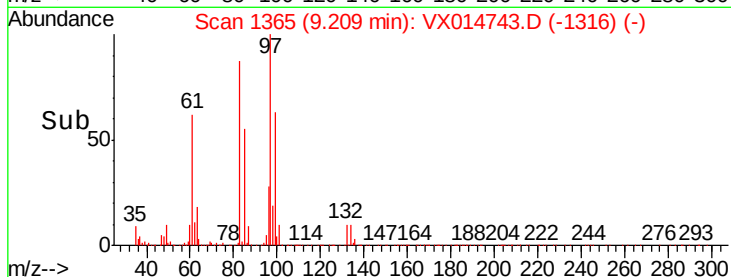
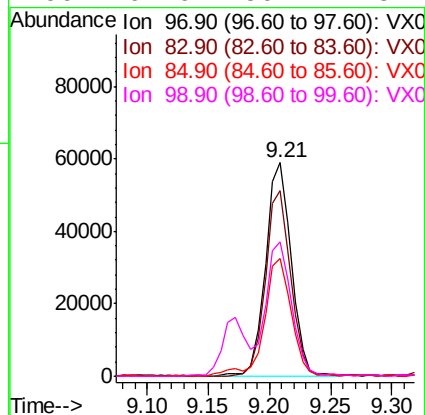
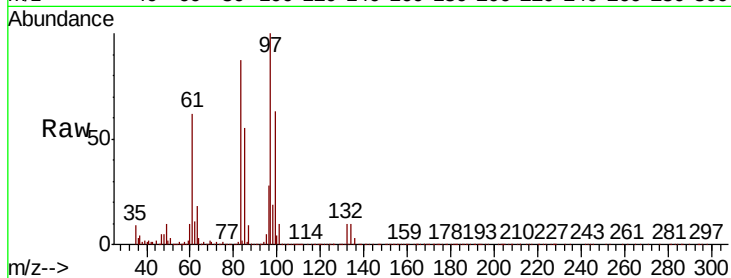




#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

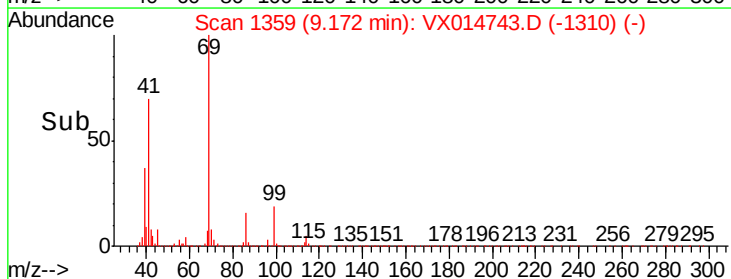
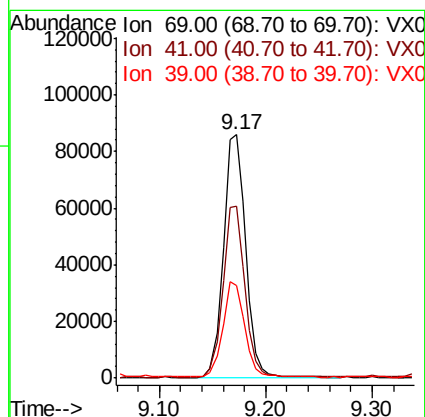
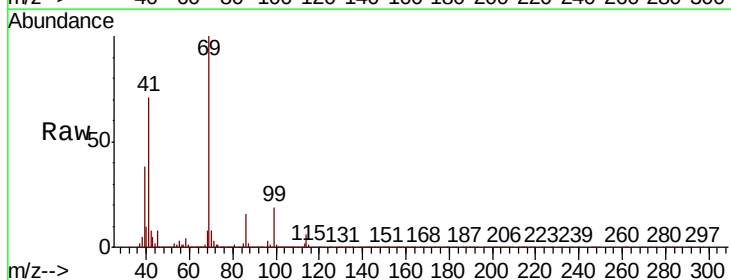
Instrument :
 MSVOA_X
 ClientSampleId :

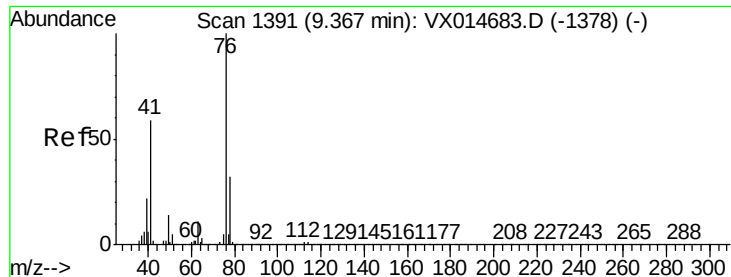
Tot Ion:	97	Resp:	85790
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.2	103.8
85	55.2	44.6	67.0
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.097 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion:	69	Resp:	125634
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.9	82.3
39	38.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.453 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

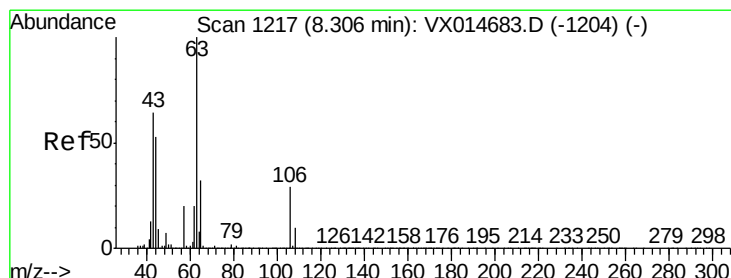
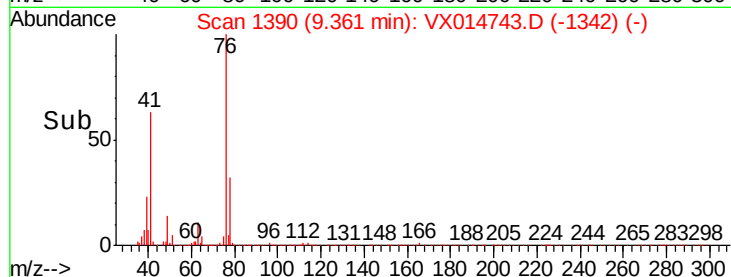
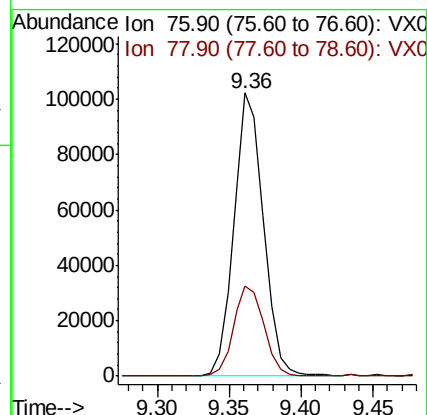
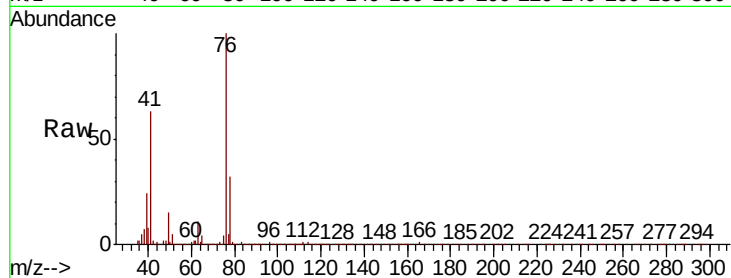
ClientSampled :

Tot Ion: 76 Resp: 145677

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 102.142 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014743.D

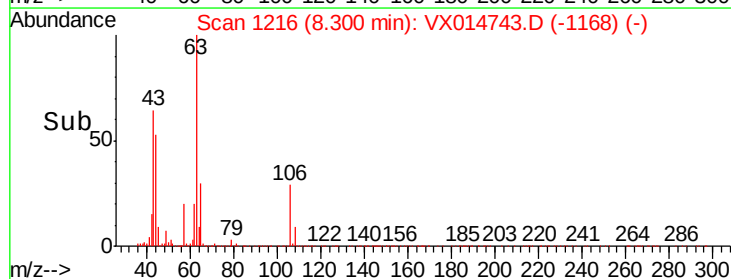
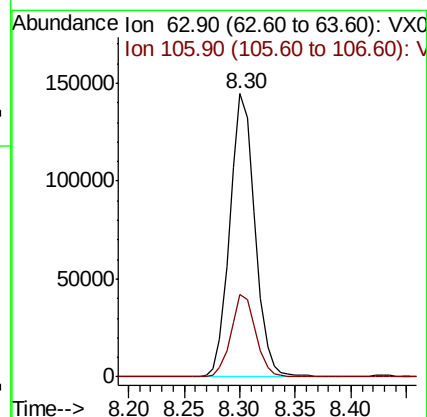
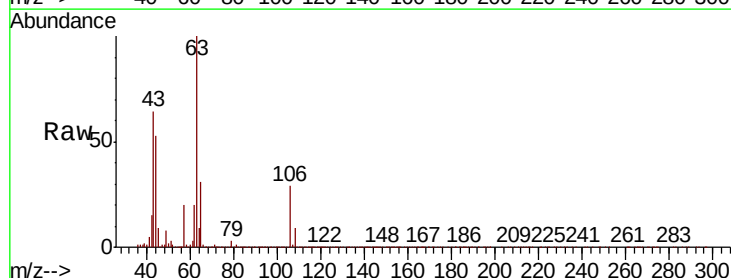
Acq: 28 Jan 2020 11:54

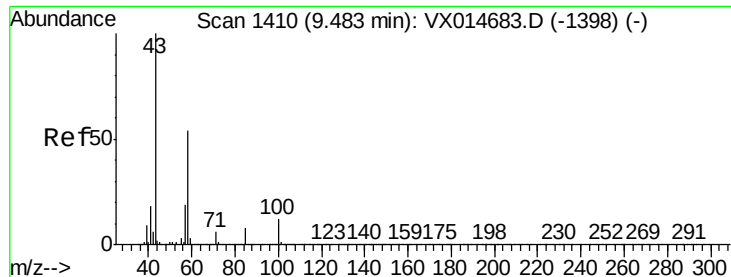
Tgt Ion: 63 Resp: 225029

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

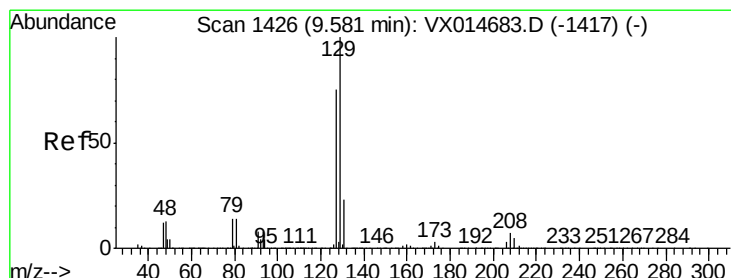
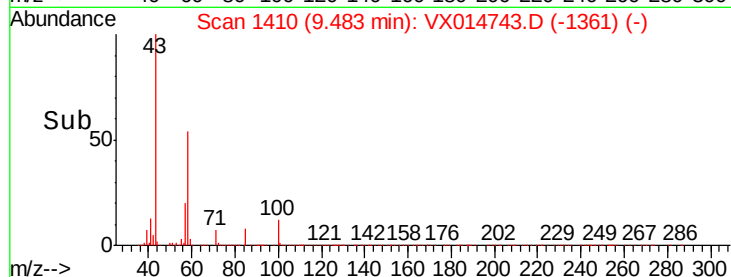
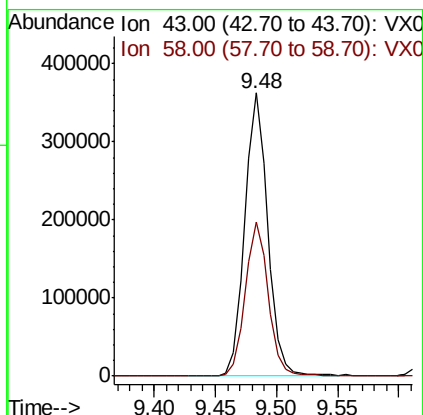
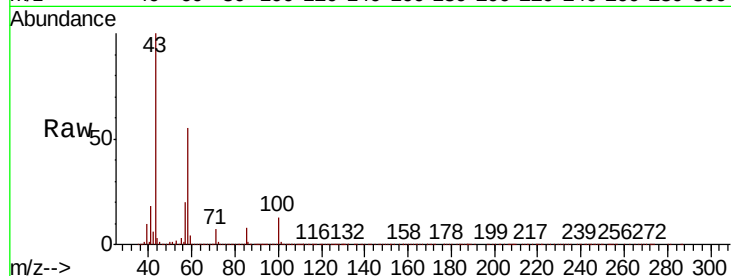




#59
2-Hexanone
Concen: 91.312 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

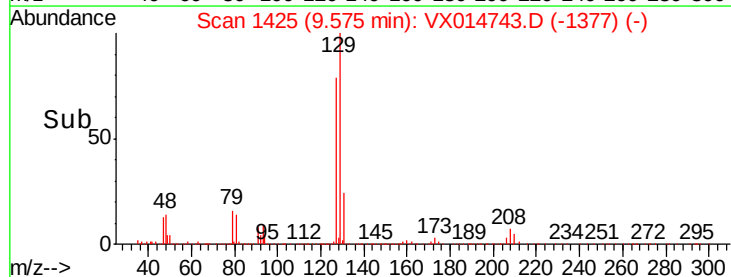
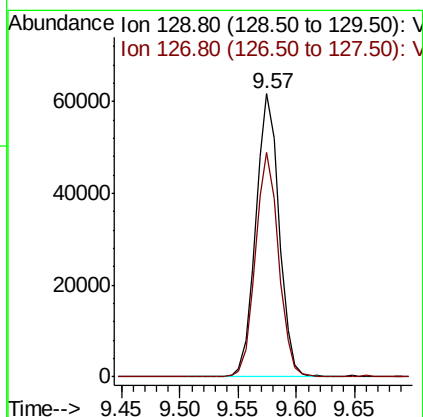
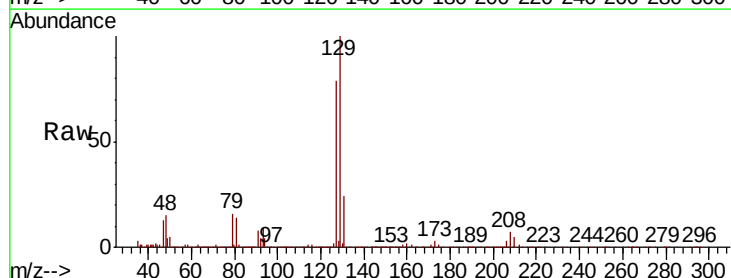
Instrument :
MSVOA_X
ClientSampleId :

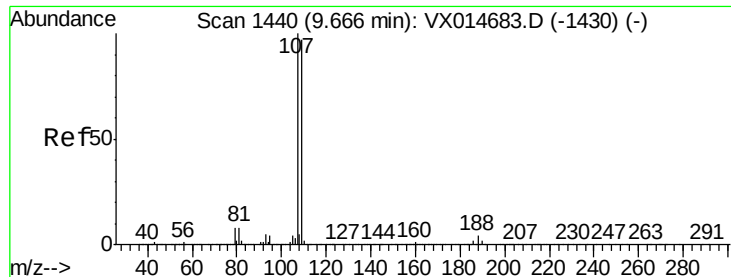
Tot Ion: 43 Resp: 472516
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 19.027 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 129 Resp: 87000
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.402 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

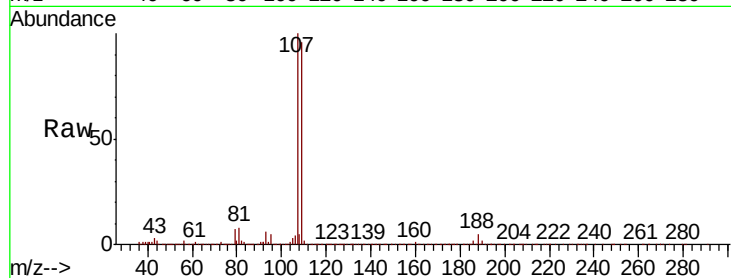
ClientSampleId :

Tot Ion:107 Resp: 89865

Ion Ratio Lower Upper

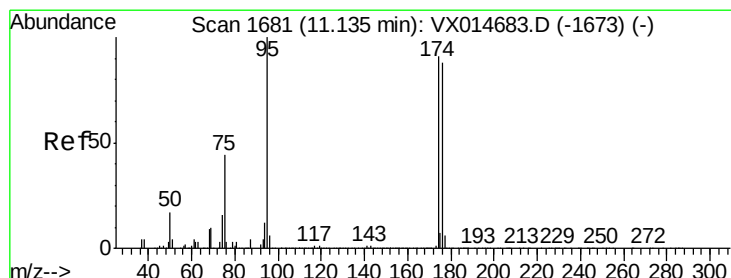
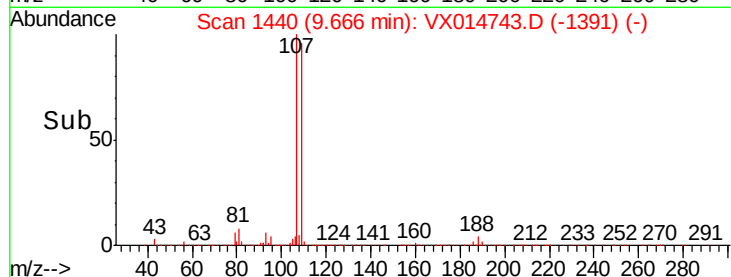
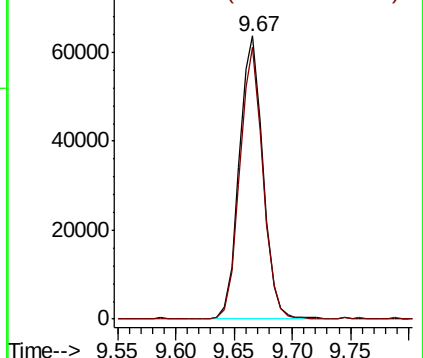
107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

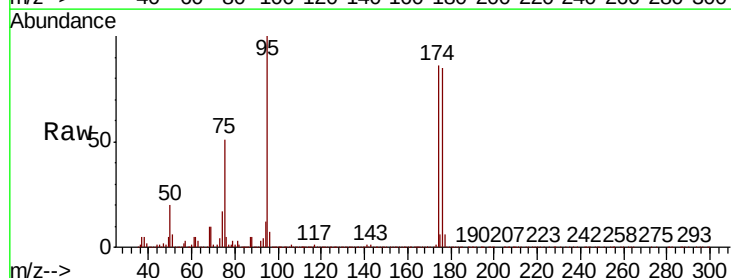
Tgt Ion: 95 Resp: 254061

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

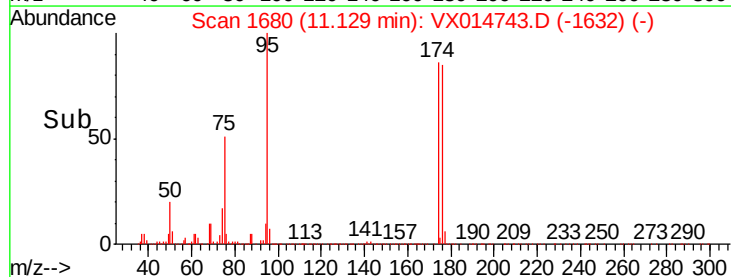
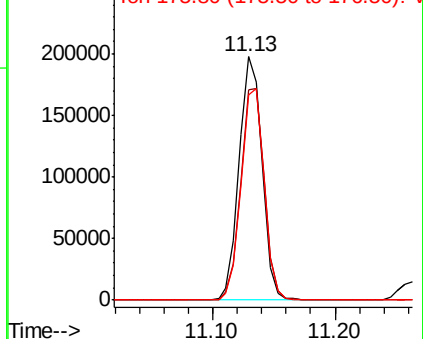
176 88.2 0.0 172.2

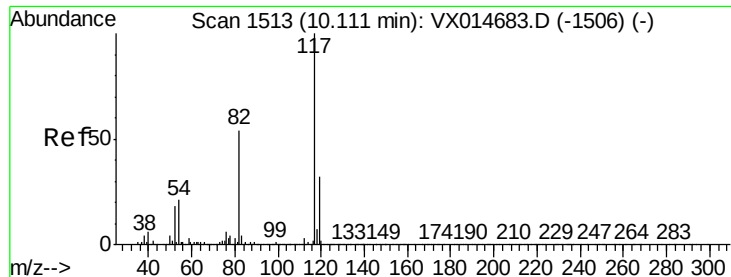


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

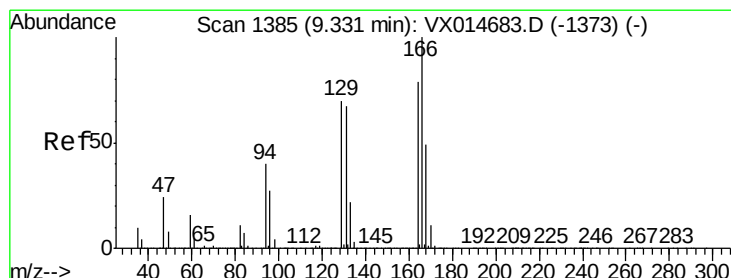
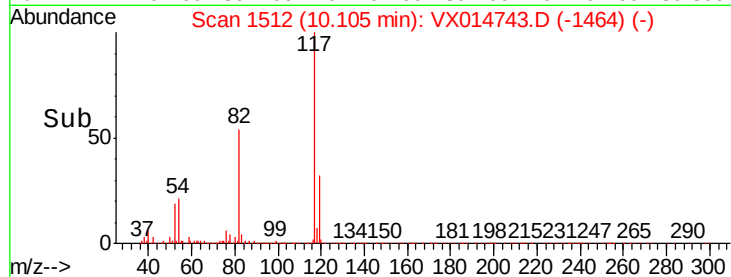
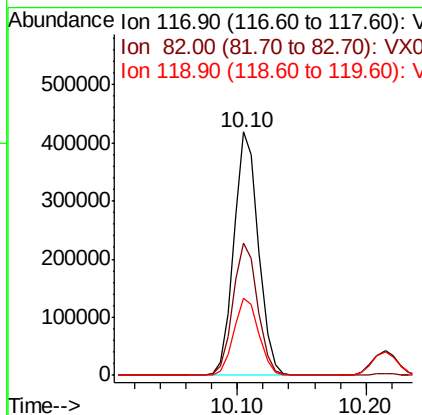
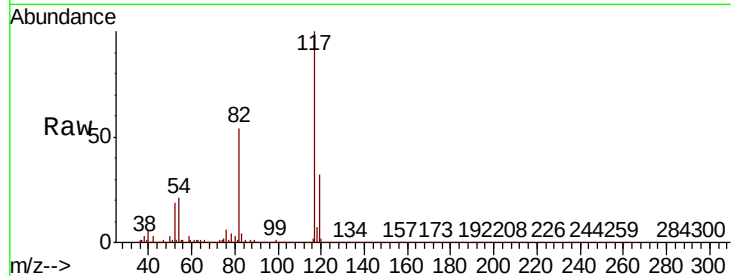




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

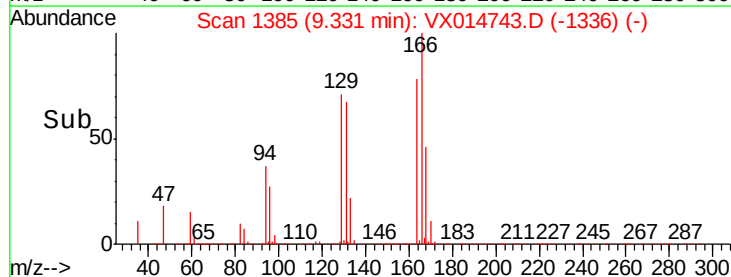
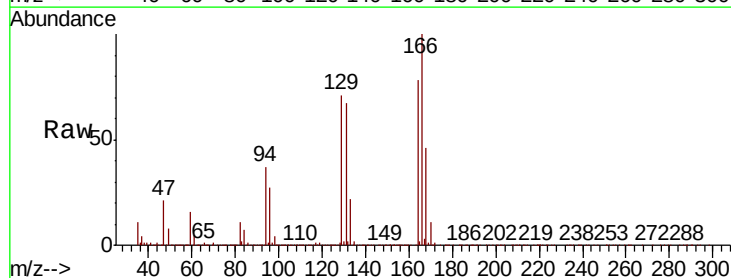
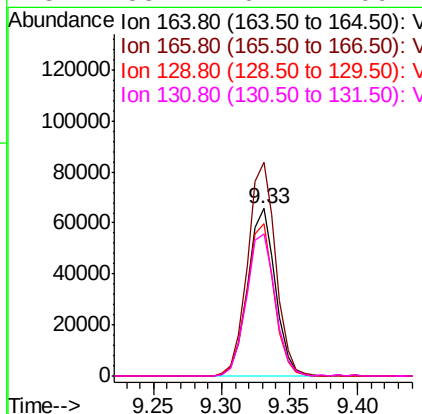
Instrument :
MSVOA_X
ClientSampleId :

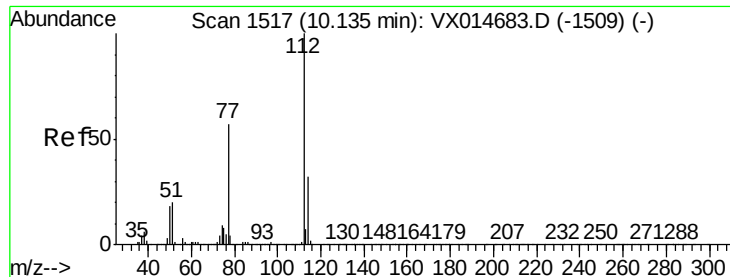
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.2	64.8
119	31.5	25.8	38.6



#64
Tetrachloroethene
Concen: 17.036 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.9	151.3
129	91.0	71.0	106.6
131	85.1	67.1	100.7





#65

Chlorobenzene

Concen: 18.605 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

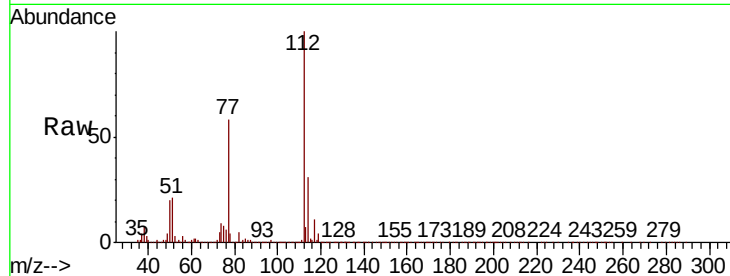
ClientSampleId :

Tot Ion:112 Resp: 220910

Ion Ratio Lower Upper

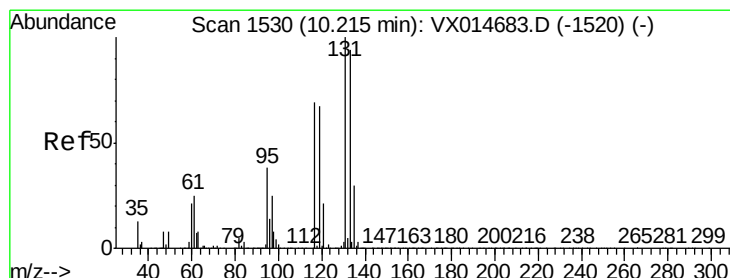
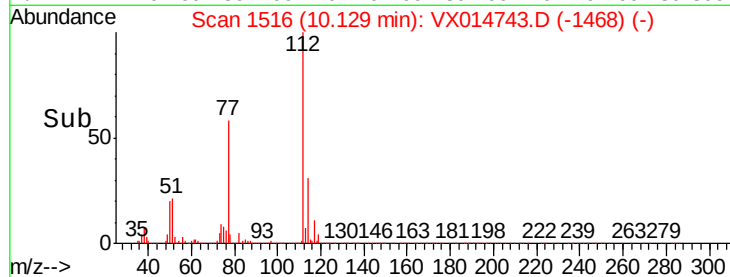
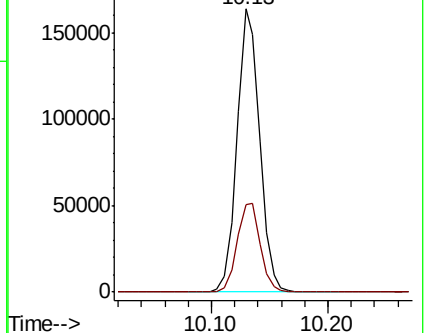
112 100

114 30.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.356 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

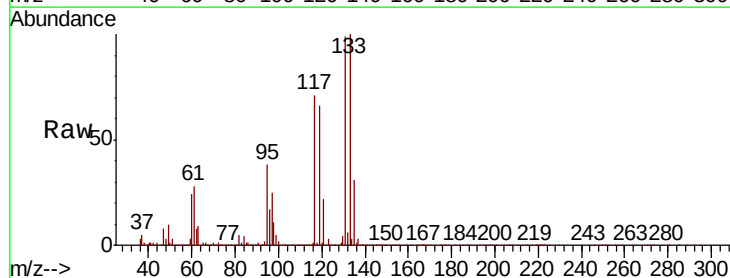
Tgt Ion:131 Resp: 80361

Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.3

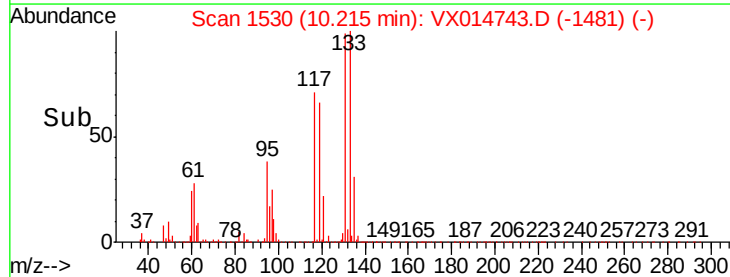
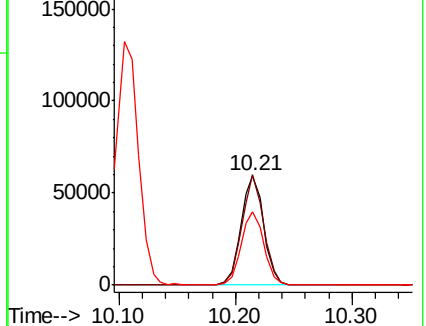
119 67.0 33.3 99.8

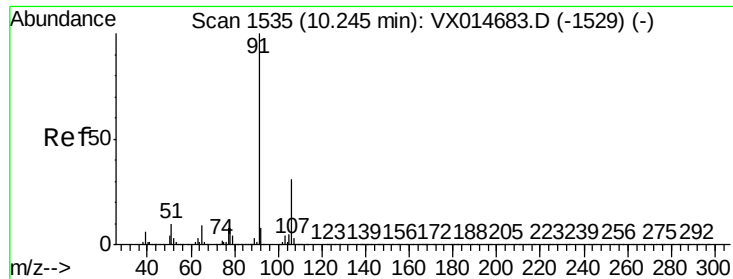


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

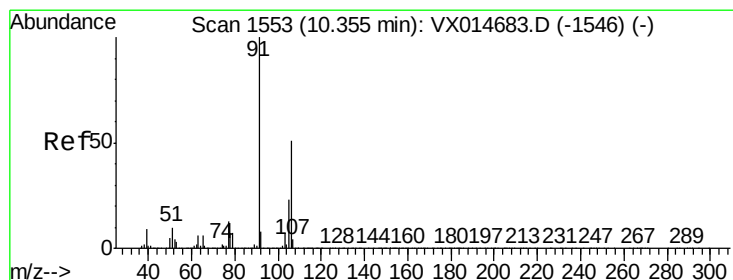
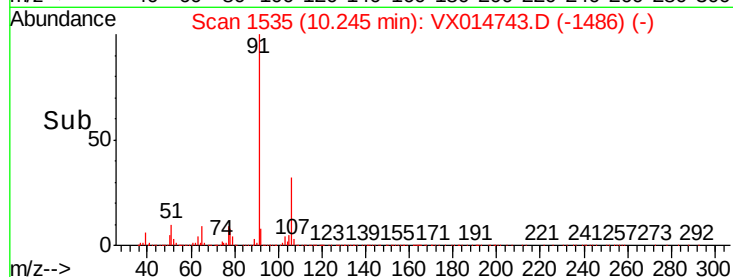
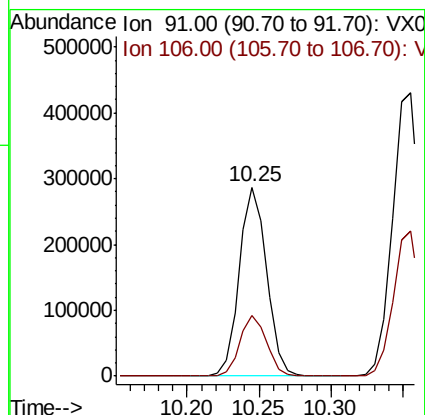
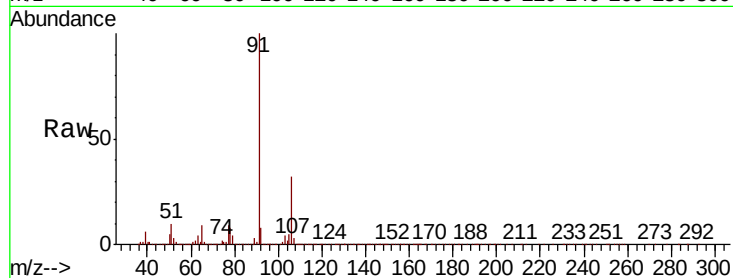




#67
Ethyl Benzene
Concen: 18.786 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

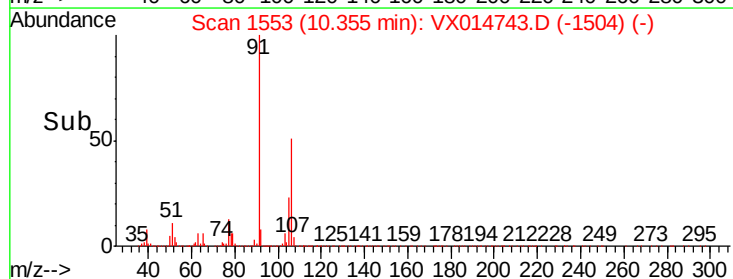
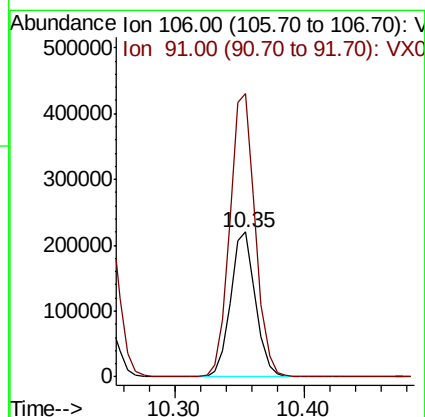
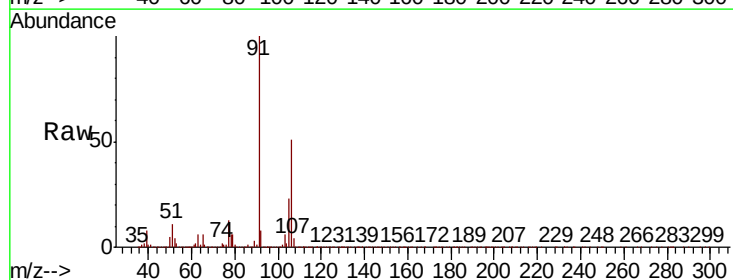
Instrument :
MSVOA_X
ClientSampled :

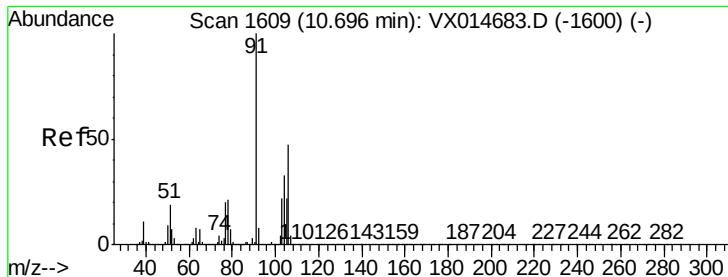
Tot Ion: 91 Resp: 380867
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 38.732 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 106 Resp: 297487
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.2

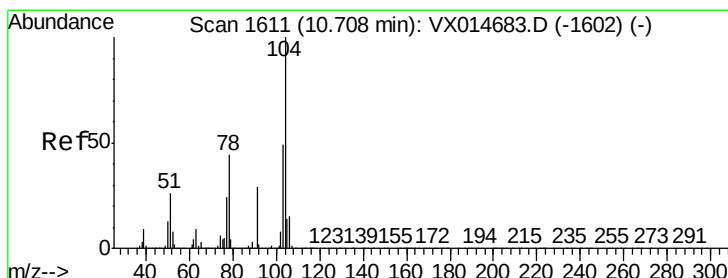
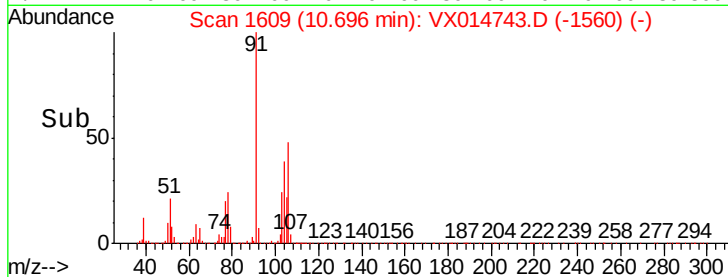
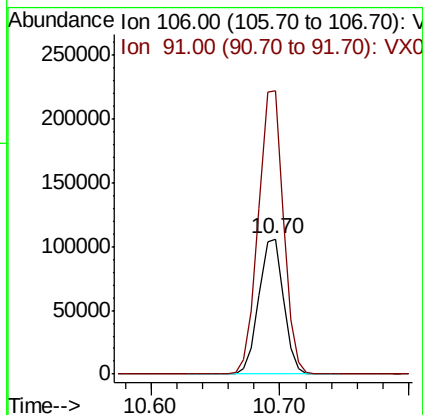
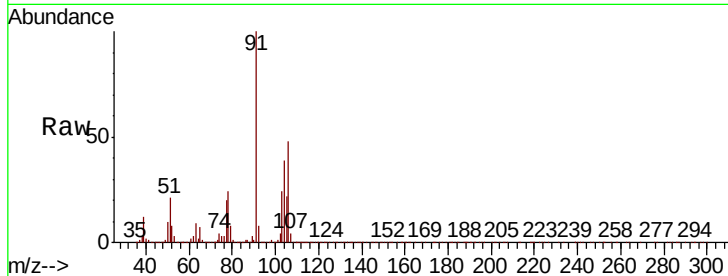




#69
o-Xylene
Concen: 18.974 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

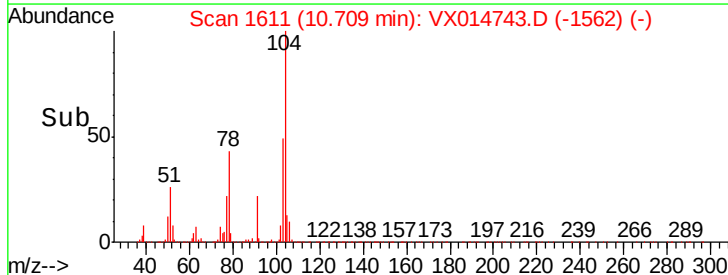
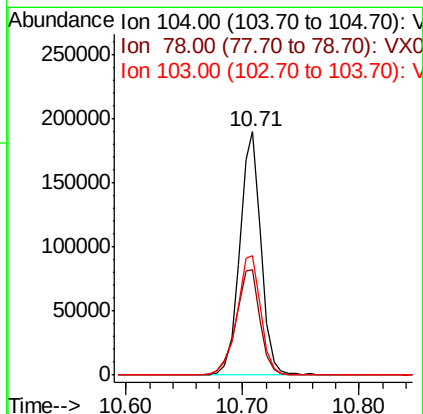
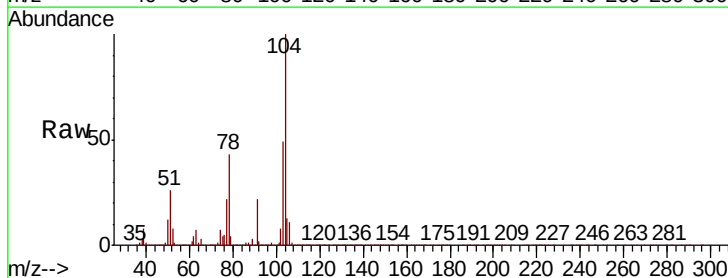
Instrument :
MSVOA_X
ClientSampleId :

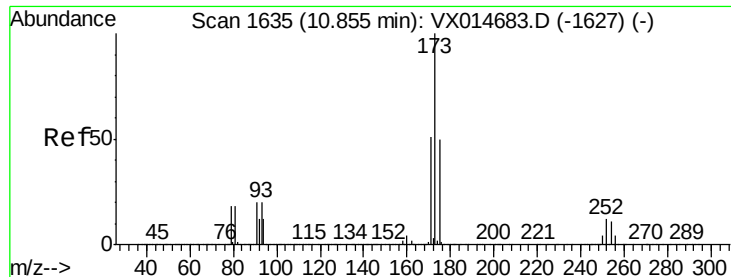
Tot Ion:106 Resp: 140691
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.6



#70
Styrene
Concen: 19.229 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion:104 Resp: 239178
Ion Ratio Lower Upper
104 100
78 49.2 39.3 58.9
103 55.4 43.5 65.3





#71

Bromoform

Concen: 18.694 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

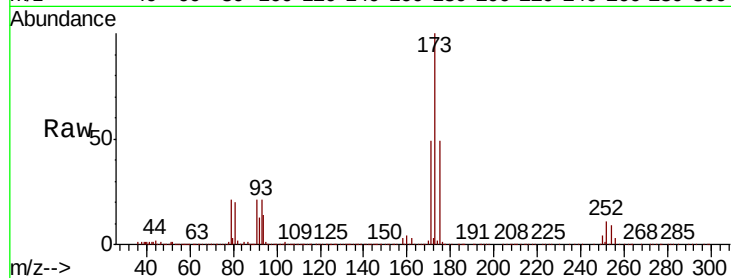
Tot Ion:173 Resp: 65082

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

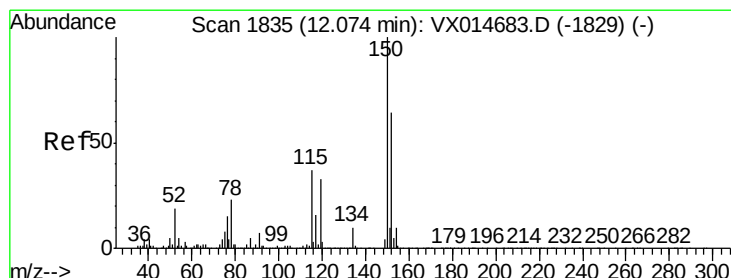
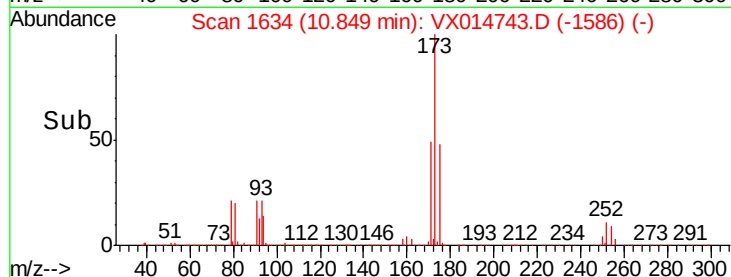
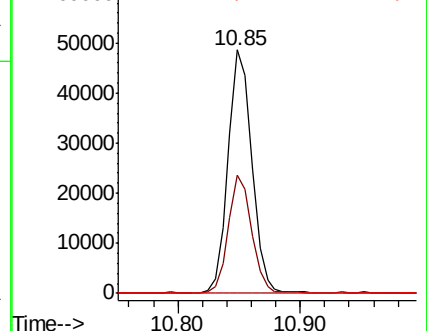
254 0.1 0.1 0.1



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: VX014743.D

Acq: 28 Jan 2020 11:54

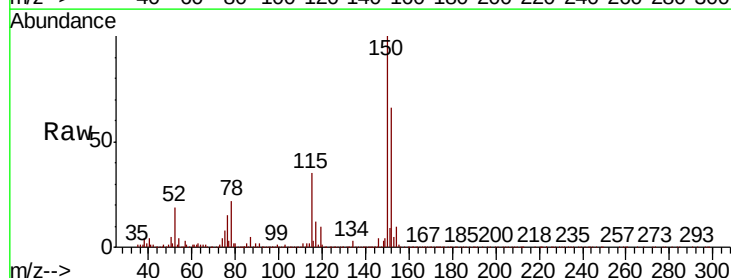
Tgt Ion:152 Resp: 283375

Ion Ratio Lower Upper

152 100

115 62.5 39.4 118.1

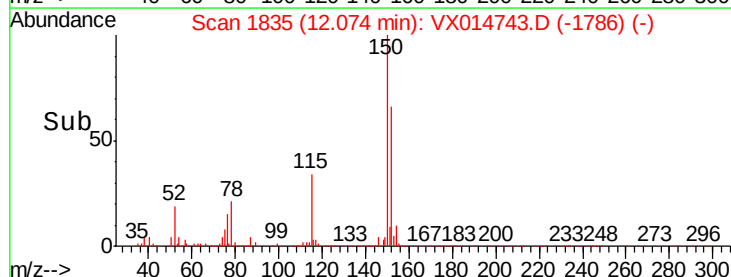
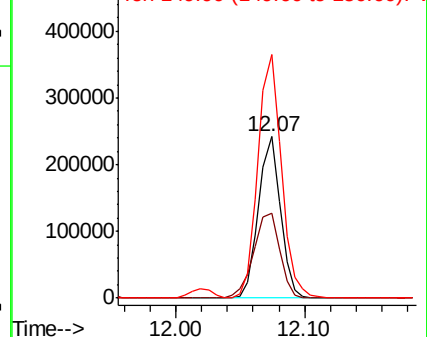
150 161.1 0.0 351.2

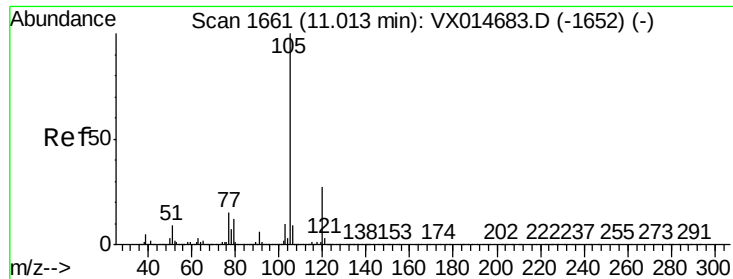


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

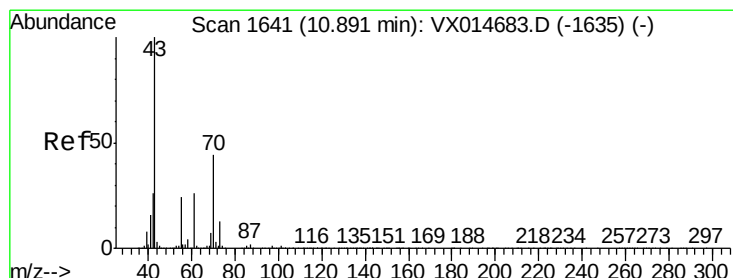
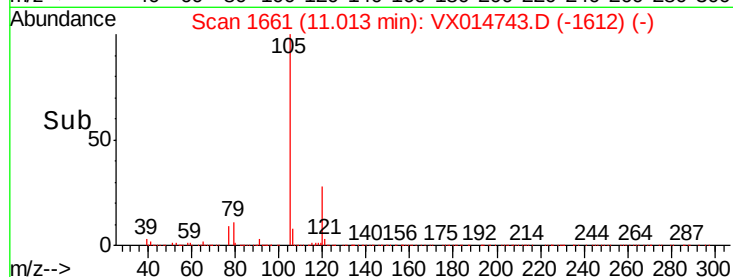
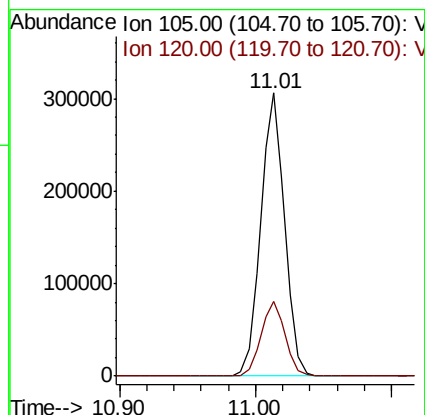
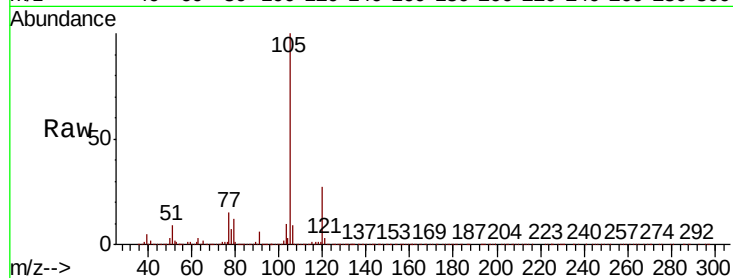




#73
Isopropylbenzene
Concen: 18.942 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

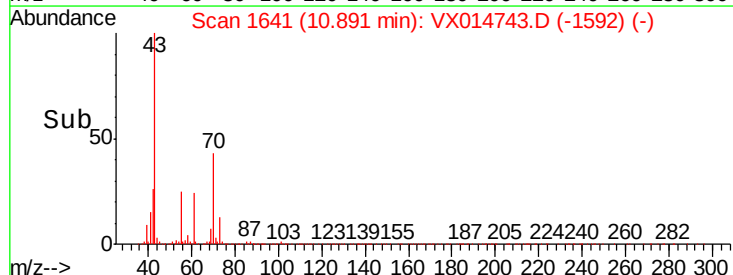
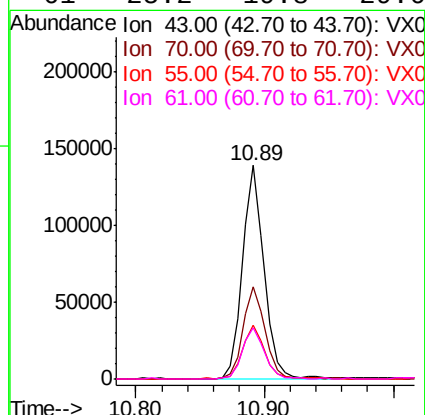
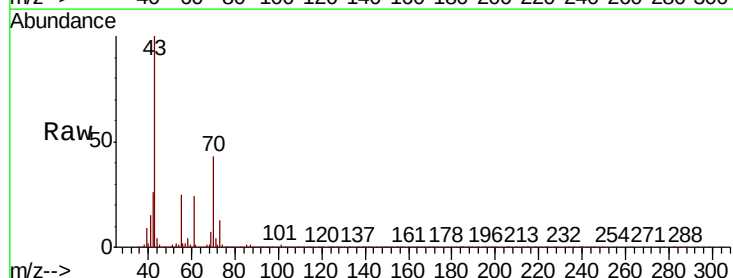
Instrument :
MSVOA_X
ClientSampleId :

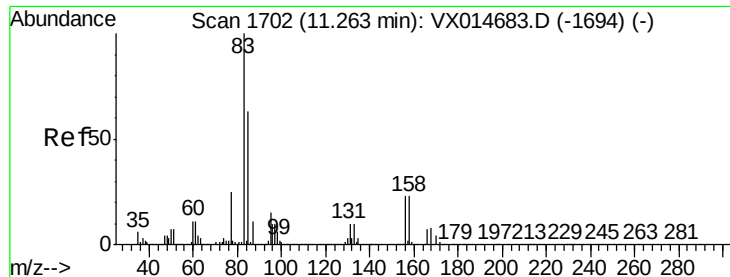
Tot Ion:105 Resp: 377428
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#74
N-ethyl acetate
Concen: 18.361 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 43 Resp: 160320
Ion Ratio Lower Upper
43 100
70 43.9 34.6 52.0
55 26.3 19.4 29.2
61 25.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.961 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

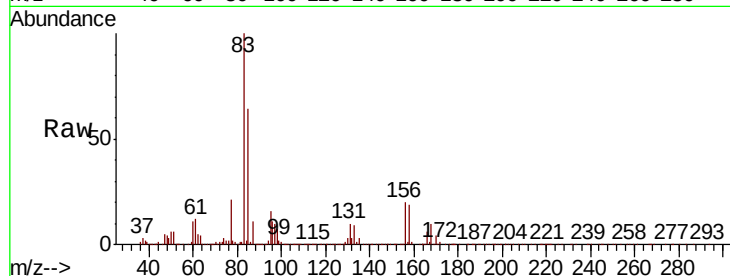
Tot Ion: 83 Resp: 127779

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

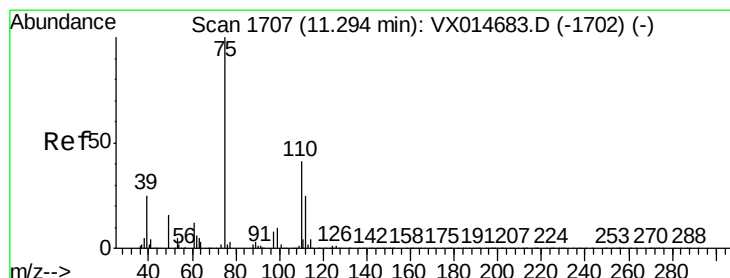
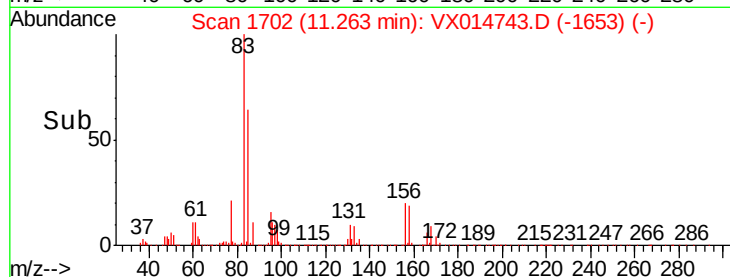
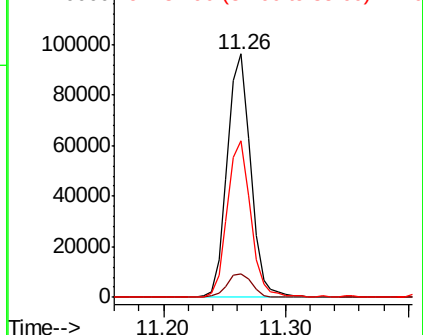
85 64.1 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.753 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014743.D

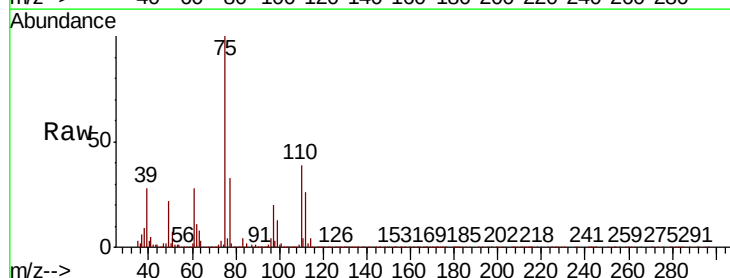
Acq: 28 Jan 2020 11:54

Tgt Ion: 75 Resp: 143414

Ion Ratio Lower Upper

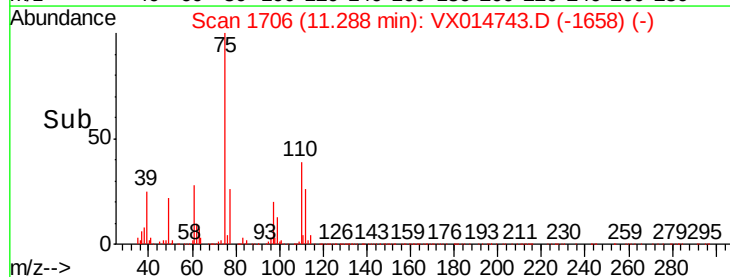
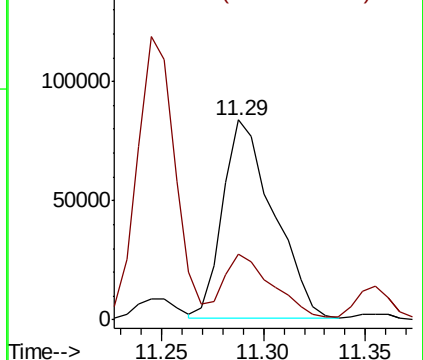
75 100

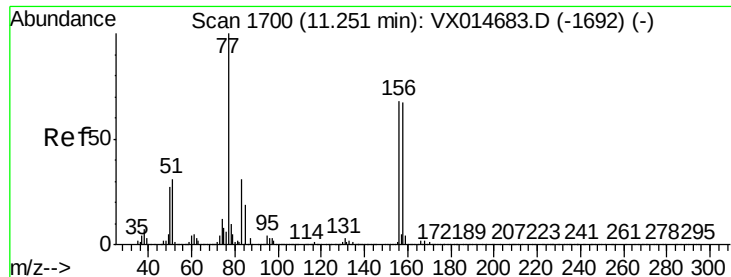
77 32.5 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.151 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

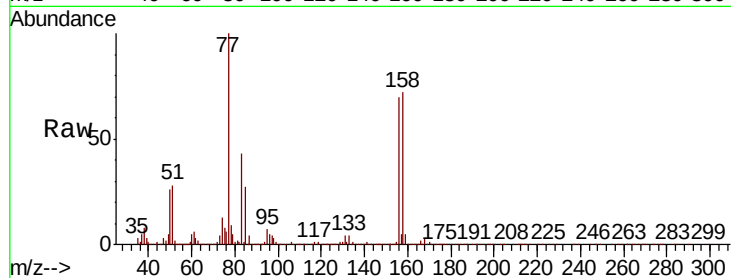
Tot Ion:156 Resp: 102514

Ion Ratio Lower Upper

156 100

77 149.2 77.5 232.5

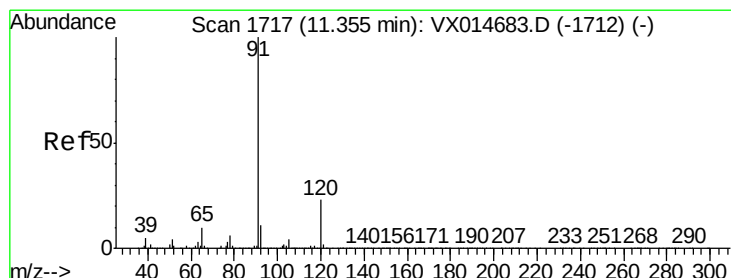
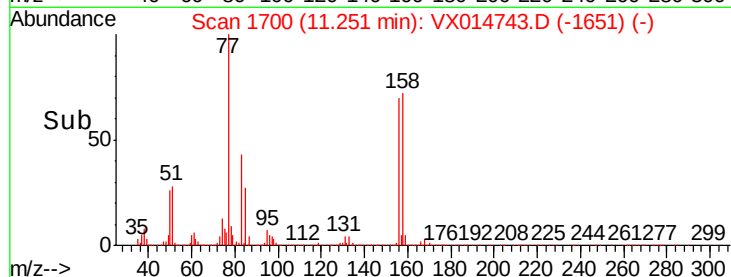
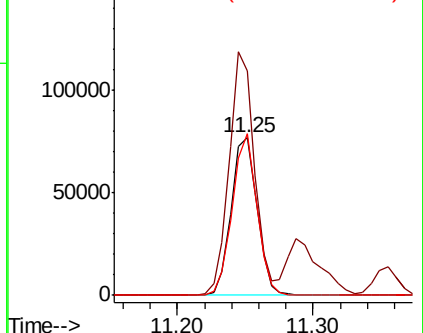
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.985 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014743.D

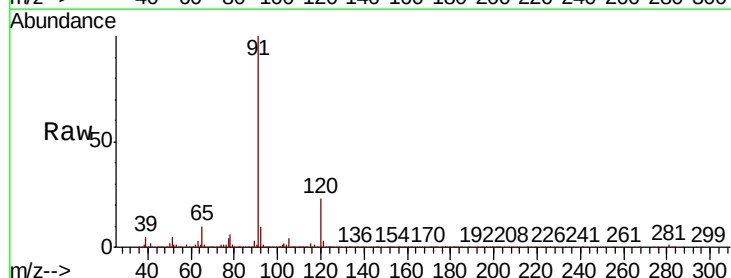
Acq: 28 Jan 2020 11:54

Tgt Ion: 91 Resp: 429390

Ion Ratio Lower Upper

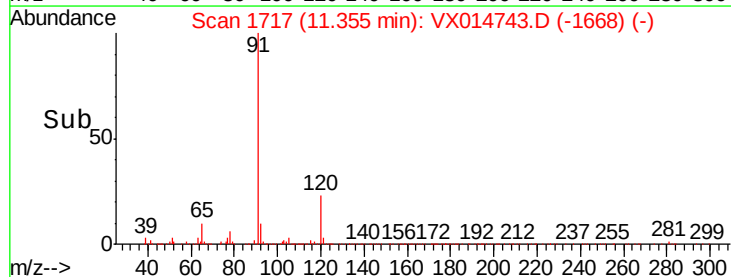
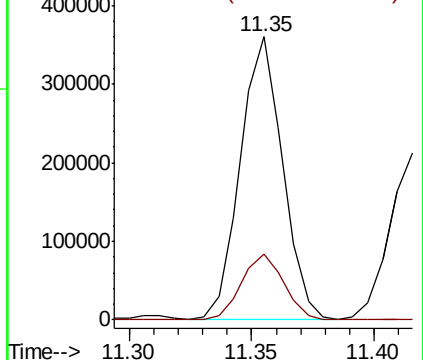
91 100

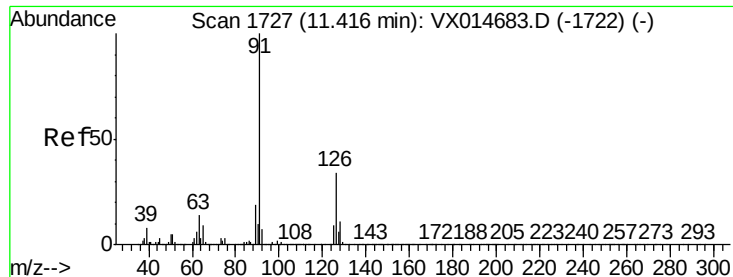
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

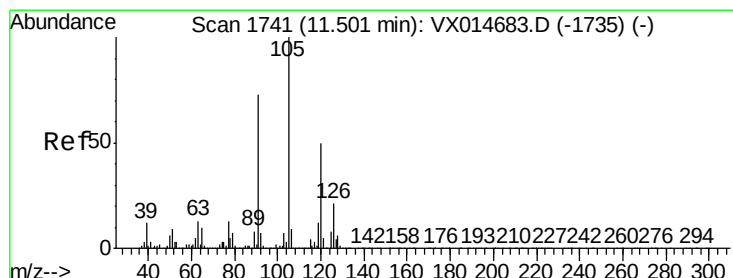
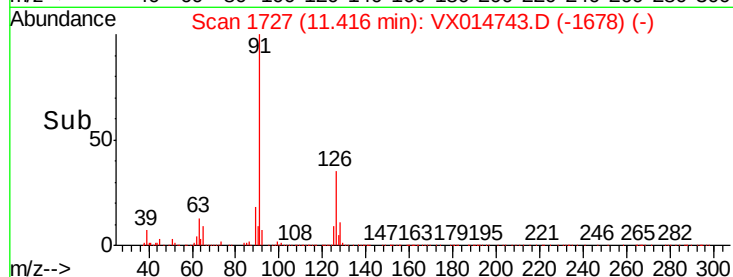
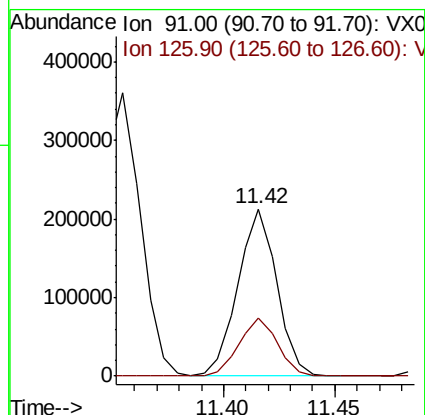
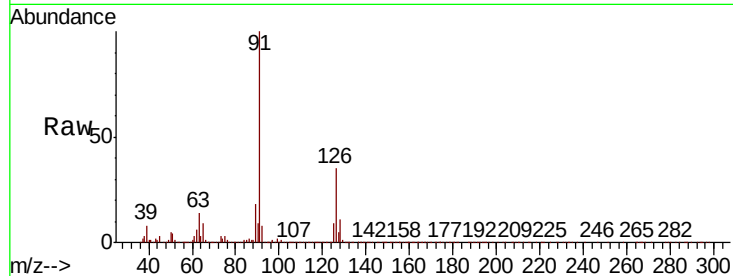




#79
2-Chlorotoluene
Concen: 18.777 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

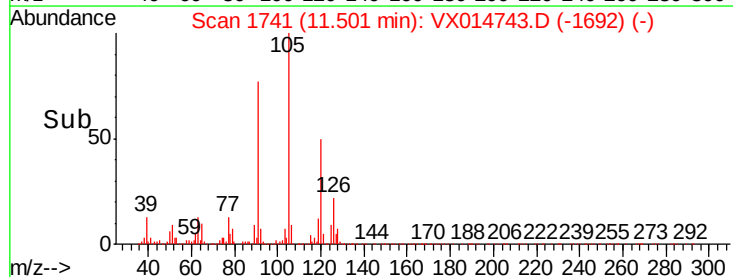
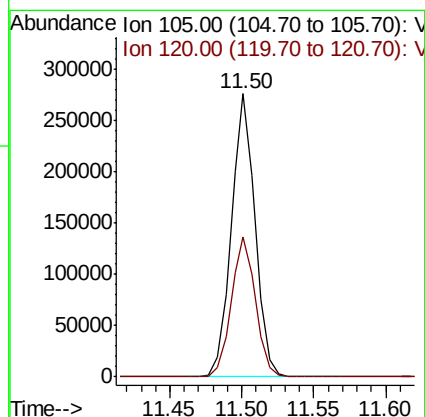
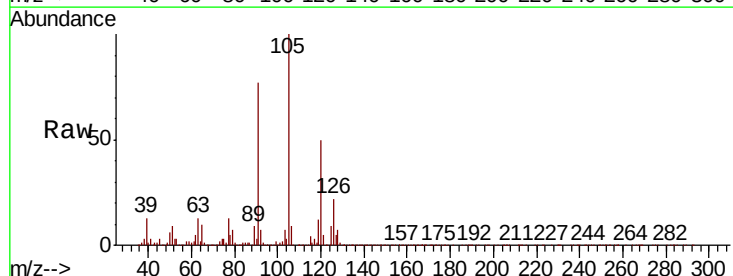
Instrument :
MSVOA_X
ClientSampleId :

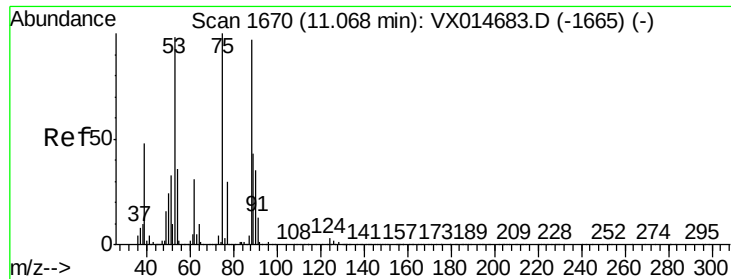
Tot Ion: 91 Resp: 256949
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 19.268 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 105 Resp: 318644
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

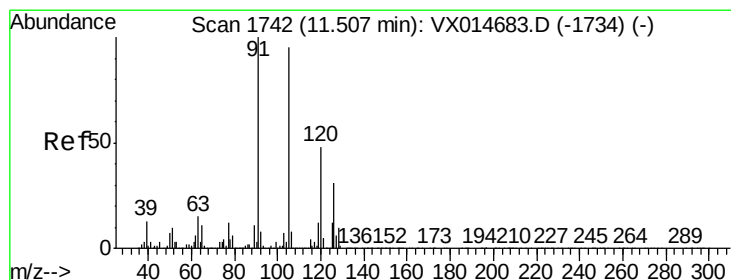
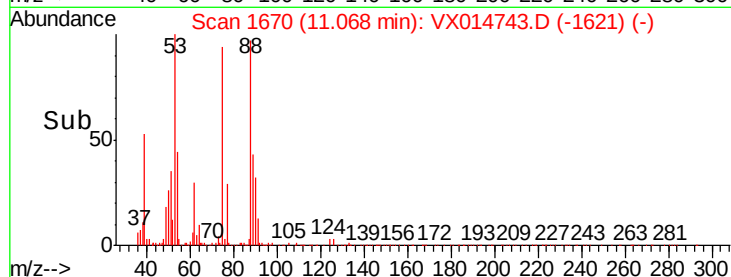
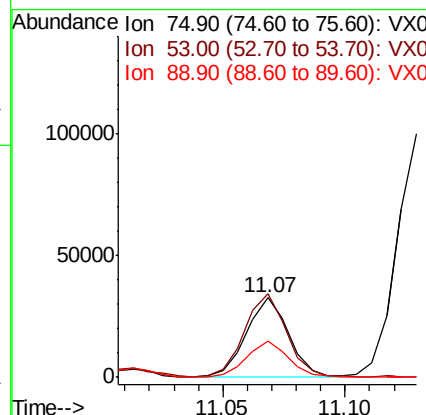
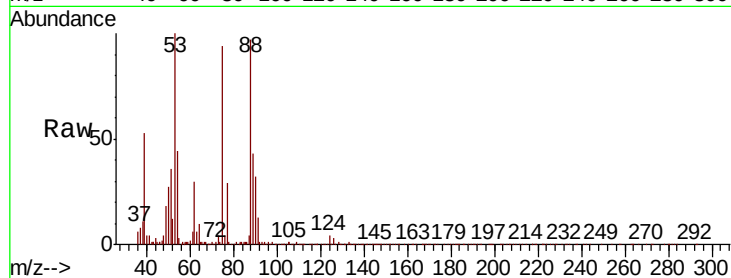




#81
trans-1,4-Dichloro-2-butene
Concen: 16.753 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

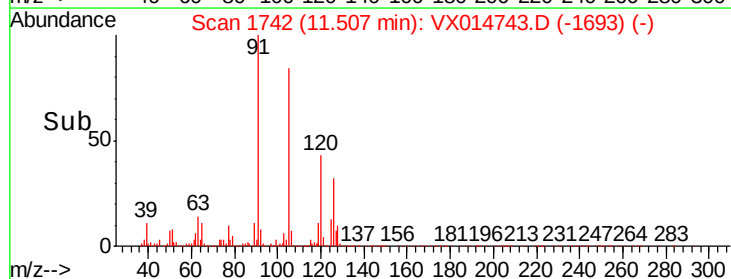
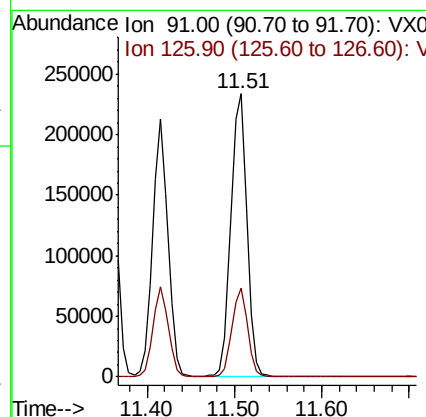
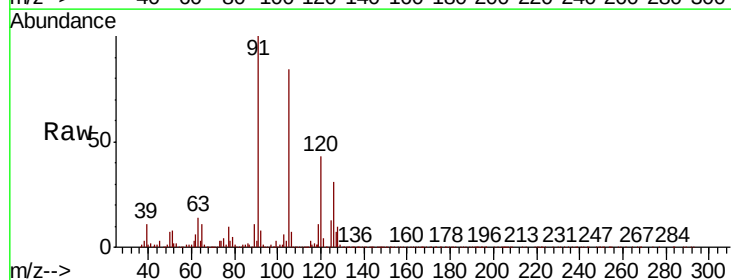
Instrument :
MSVOA_X
ClientSampled :

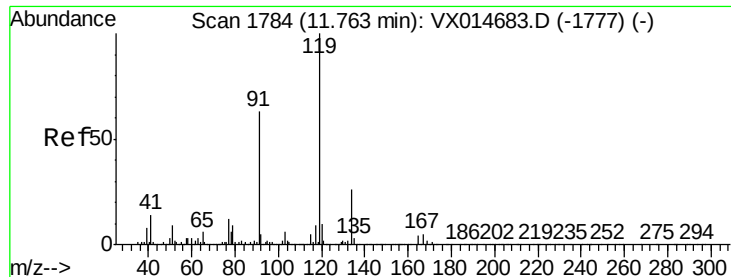
Tot Ion: 75 Resp: 38812
Ion Ratio Lower Upper
75 100
53 104.9 78.8 118.2
89 45.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 91 Resp: 297231
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.4

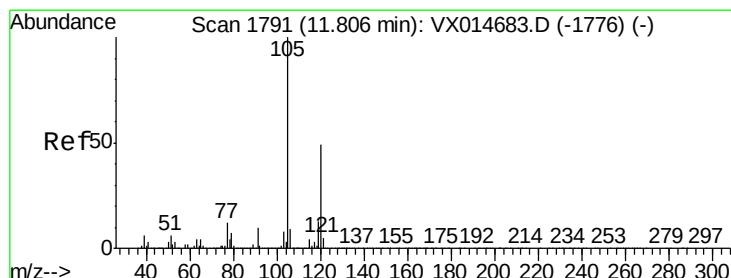
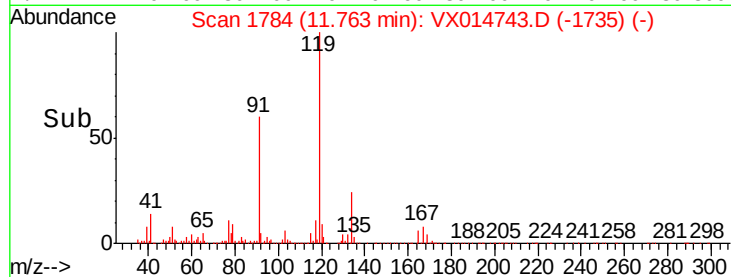
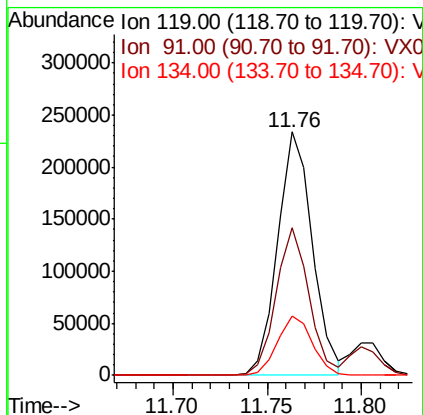
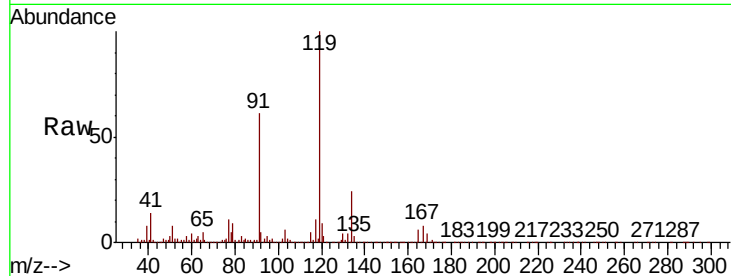




#83
 tert-Butylbenzene
 Concen: 19.170 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

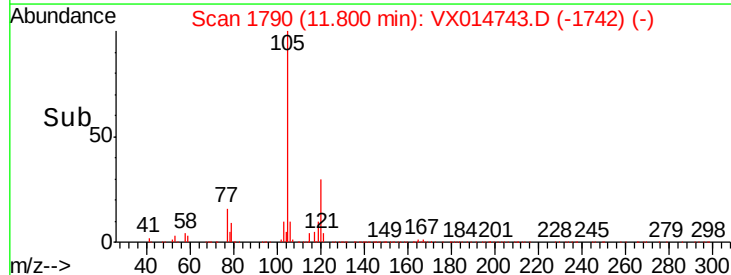
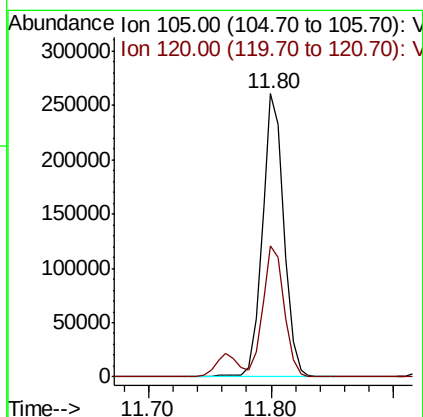
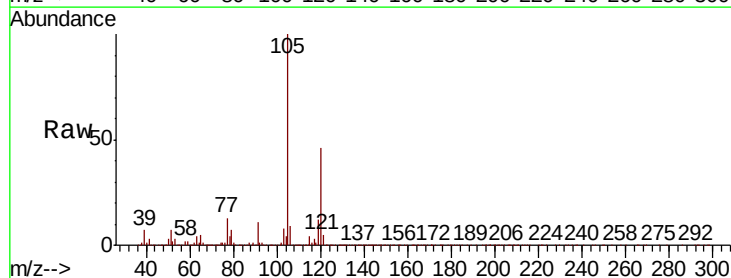
Instrument :
 MSVOA_X
 ClientSampleId :

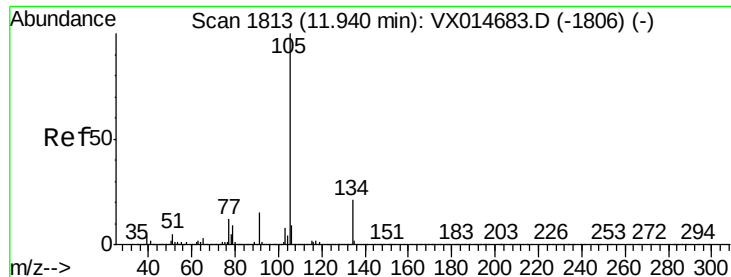
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	30.0	90.0
134	24.7	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.142 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.142 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

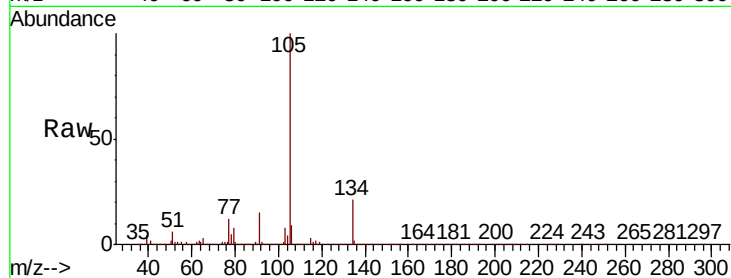
ClientSampleId :

Tot Ion:105 Resp: 364402

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

300000

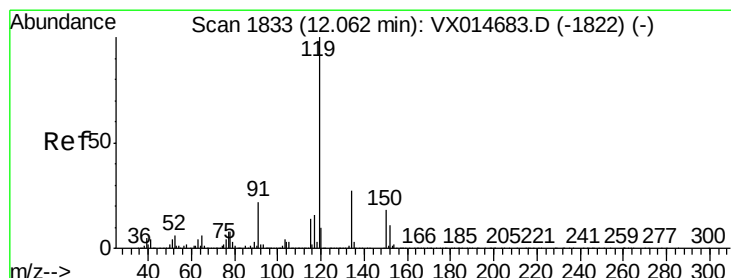
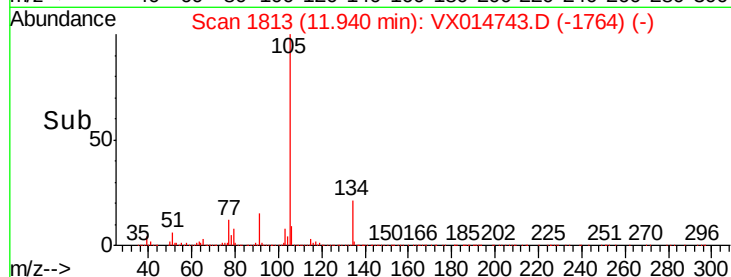
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.963 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

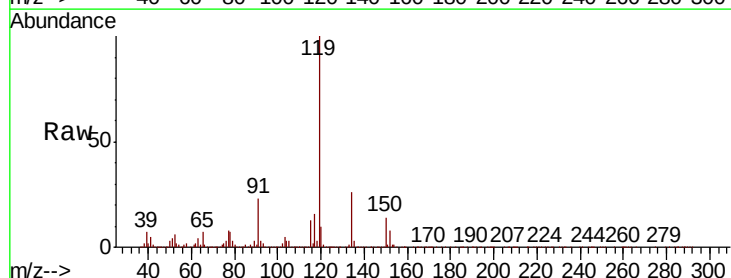
Tgt Ion:119 Resp: 333614

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.7 11.3 33.8



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

300000

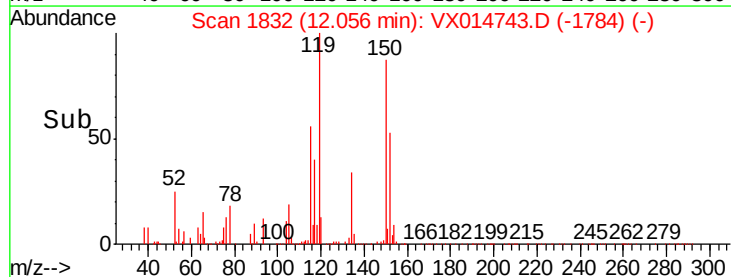
200000

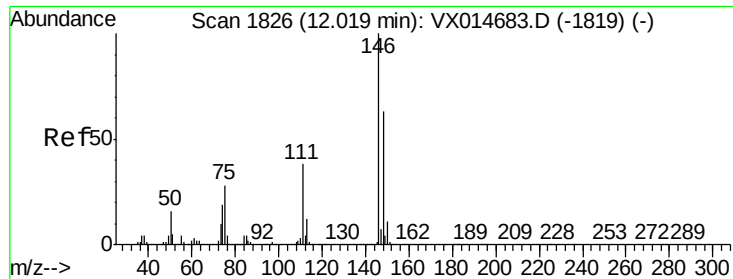
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.379 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

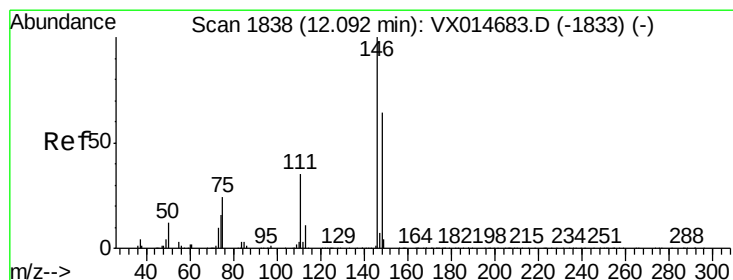
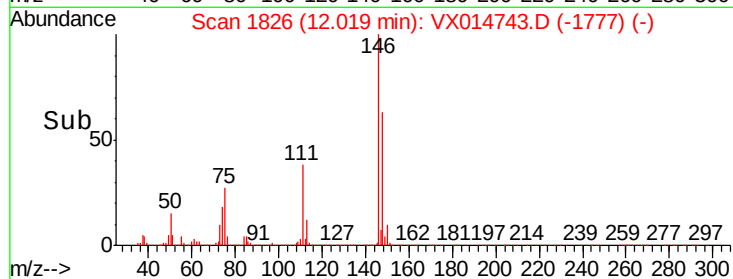
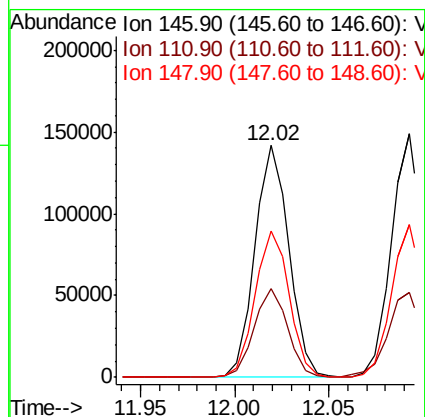
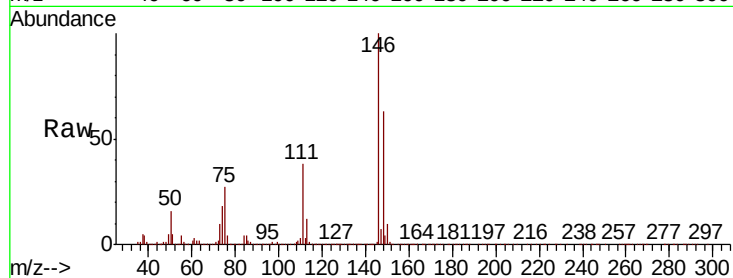
Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 176805

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.7	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 18.565 ug/l

RT: 12.09 min Scan# 1838

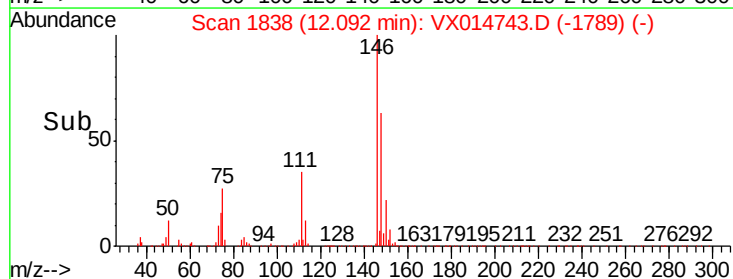
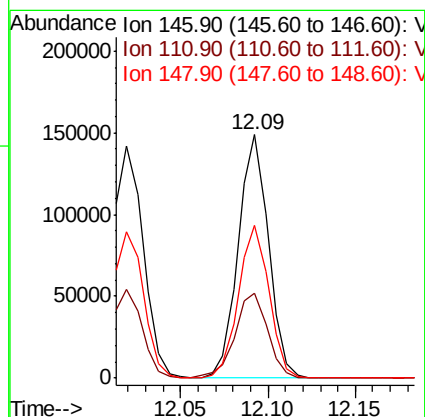
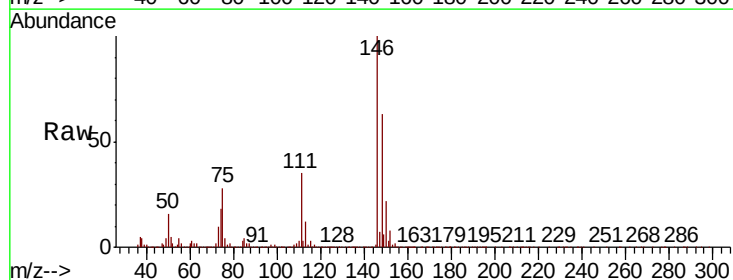
Delta R.T. 0.00 min

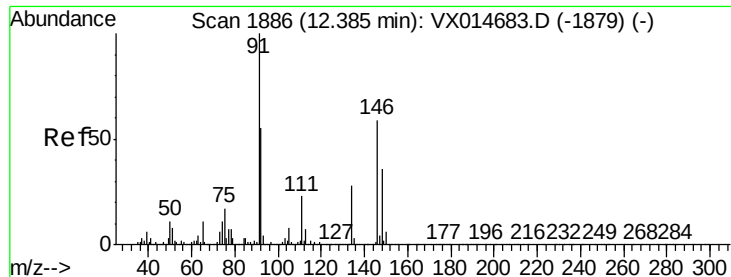
Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:146 Resp: 178897

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.5	32.0	96.2

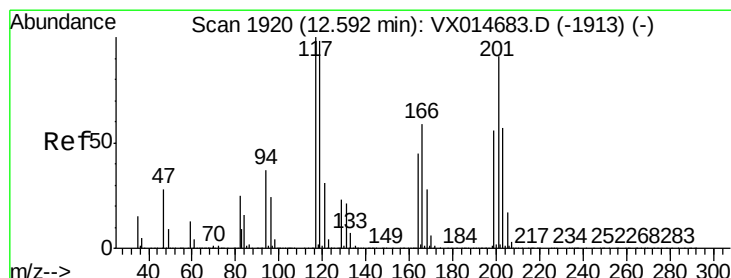
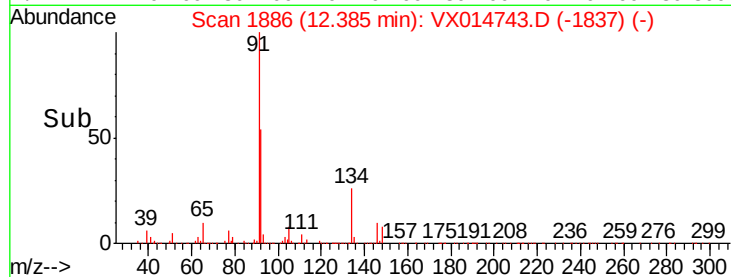
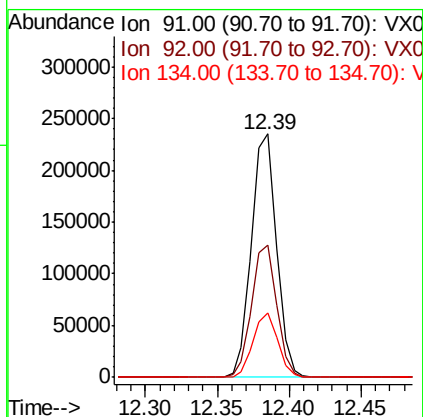
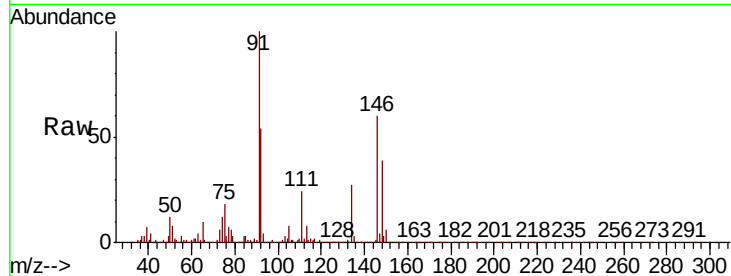




#89
n-Butylbenzene
Concen: 18.474 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

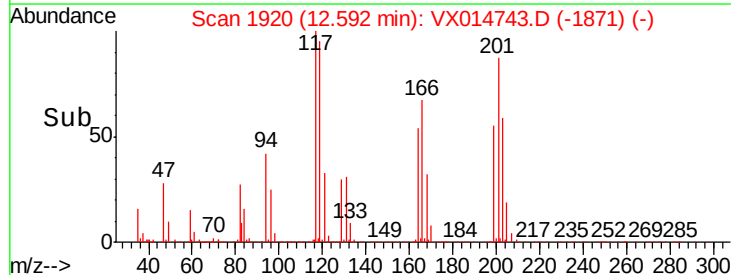
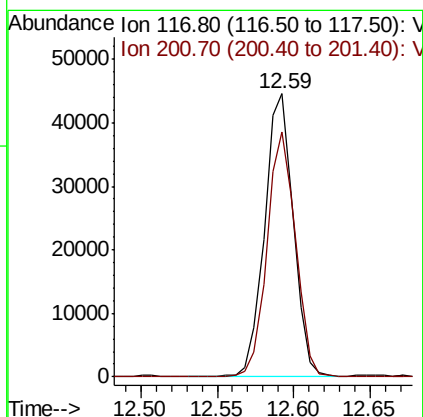
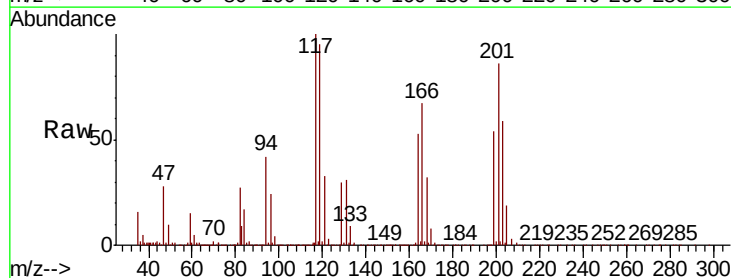
Instrument :
MSVOA_X
ClientSampleId :

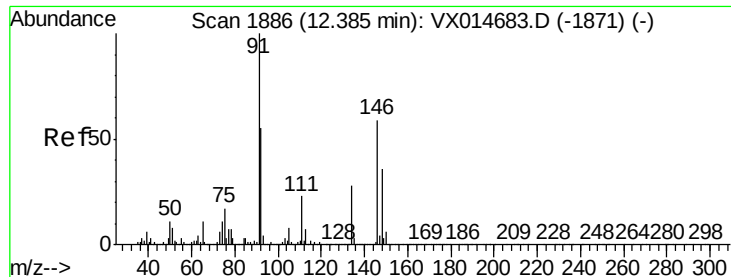
Tot Ion: 91 Resp: 283063
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.7
134 26.3 13.3 39.8



#90
Hexachloroethane
Concen: 17.908 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 117 Resp: 58518
Ion Ratio Lower Upper
117 100
201 85.6 44.4 133.1

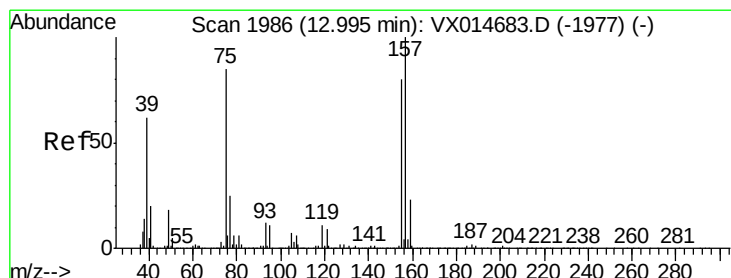
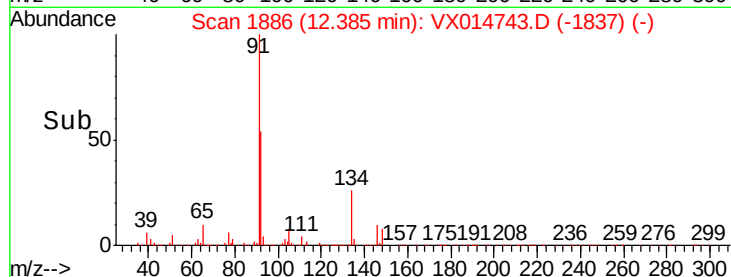
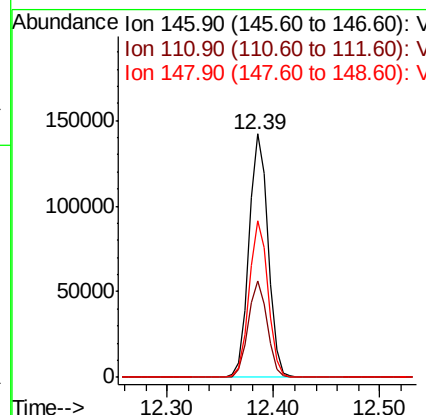
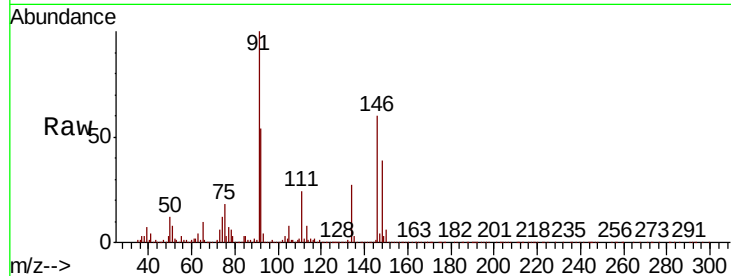




#91
 1,2-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

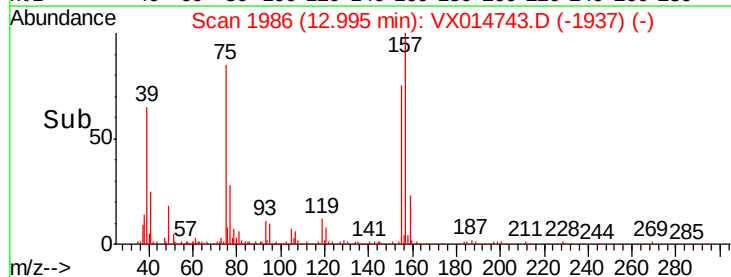
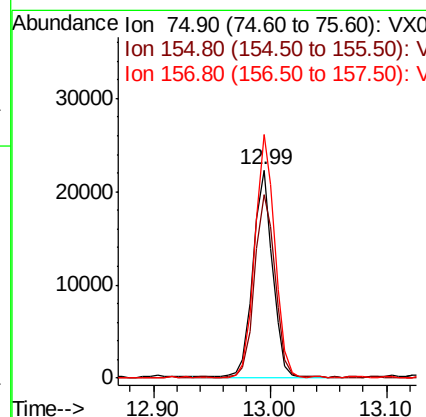
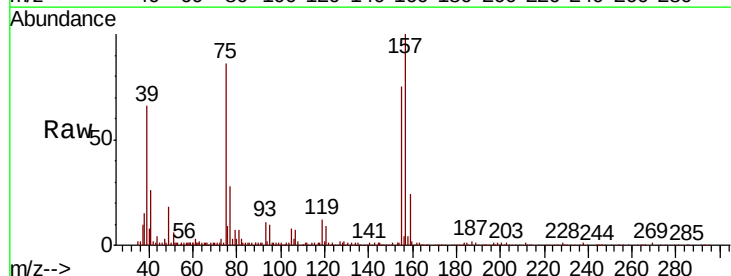
Instrument :
 MSVOA_X
 ClientSampleId :

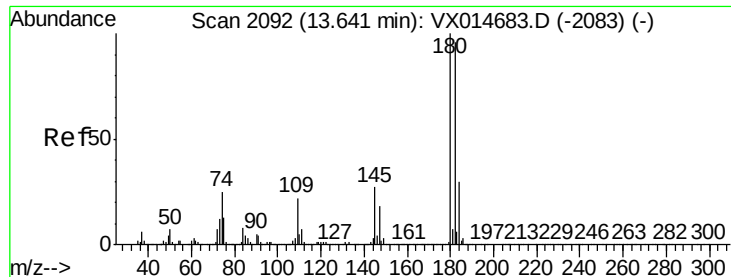
Tot Ion:146 Resp: 179724
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.242 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion: 75 Resp: 26354
 Ion Ratio Lower Upper
 75 100
 155 93.3 45.6 136.9
 157 119.5 60.3 180.9

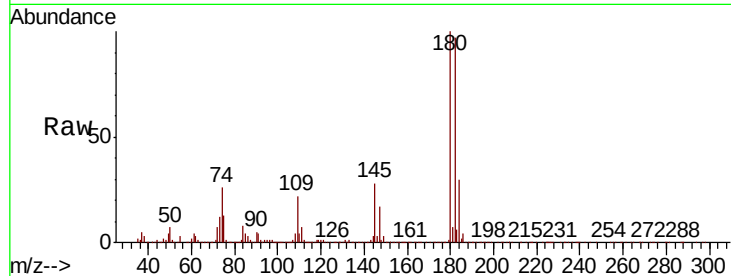




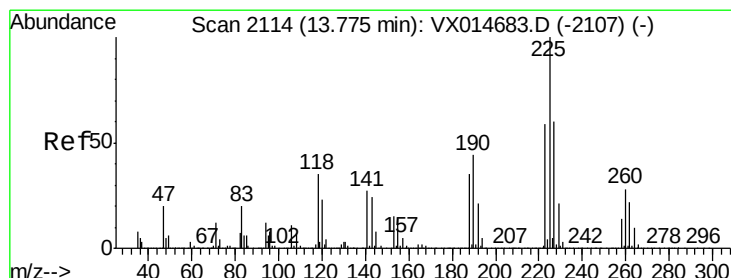
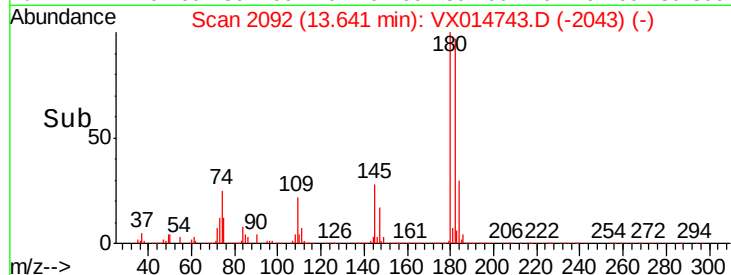
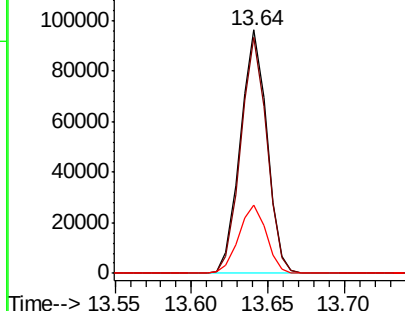
#93
 1,2,4-Trichlorobenzene
 Concen: 18.787 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 115728
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.5 145.6
 145 28.9 14.0 41.9

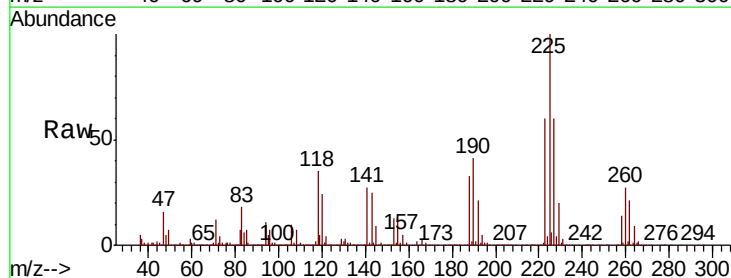


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

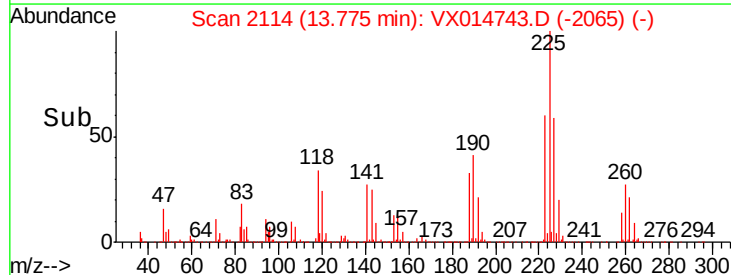
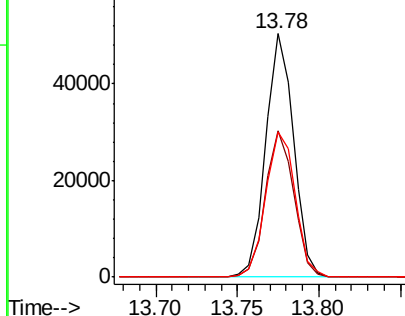


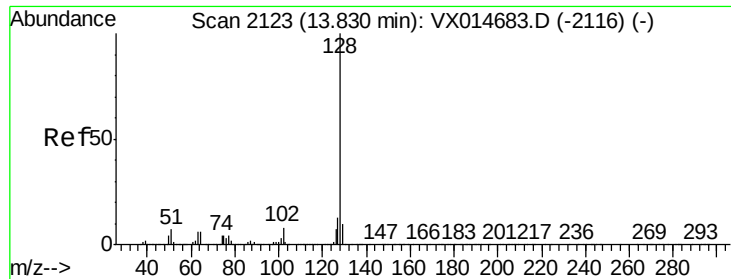
#94
 Hexachlorobutadiene
 Concen: 18.841 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion:225 Resp: 59736
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.6 91.8
 227 63.7 31.4 94.0



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

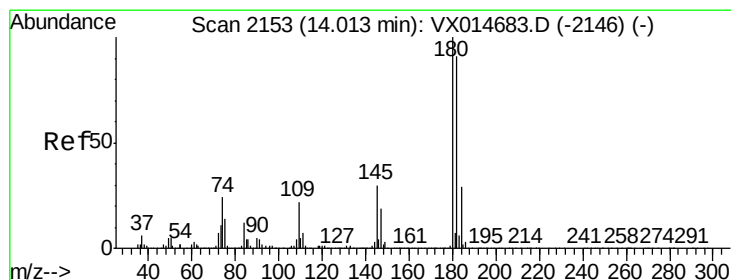
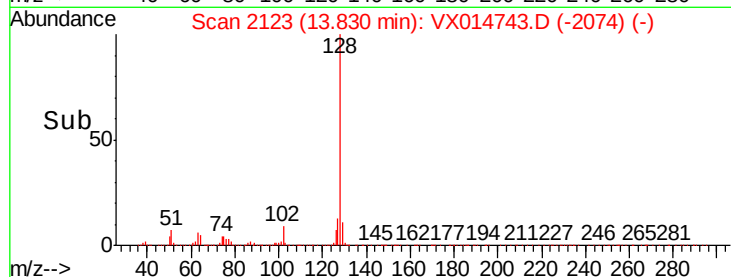
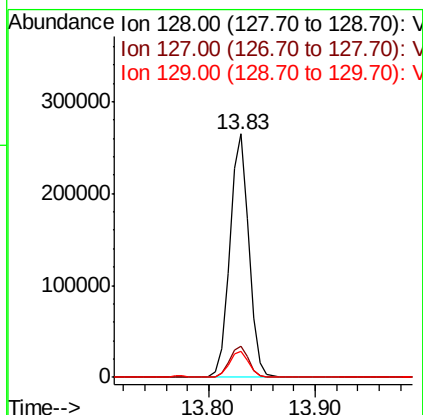
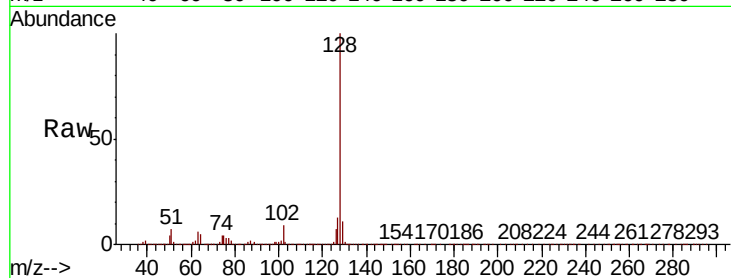




#95
Naphthalene
Concen: 17.255 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.129 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	31.0	14.7	44.1

