

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014399.D
 Acq On : 03 Jan 2020 14:40
 Operator : JC/SP
 Sample : VX0103MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

Quant Time: Jan 06 02:31:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	486704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	741037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	654239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	267646	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	226174	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	865362	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	302403	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68082	15.636	ug/l	98
3) Chloromethane	1.32	50	93195	15.949	ug/l	98
4) Vinyl Chloride	1.40	62	104070	16.878	ug/l	100
5) Bromomethane	1.63	94	75452	17.241	ug/l	100
6) Chloroethane	1.72	64	69929	18.376	ug/l	97
7) Trichlorofluoromethane	1.92	101	141772	18.574	ug/l	99
8) Diethyl Ether	2.18	74	65267	18.220	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88741	19.287	ug/l	99
10) Methyl Iodide	2.50	142	95781	17.579	ug/l	99
11) Tert butyl alcohol	3.03	59	126321	105.982	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82981	17.724	ug/l	98
13) Acrolein	2.28	56	50746	74.377	ug/l	98
14) Allyl chloride	2.72	41	155325	18.581	ug/l	99
15) Acrylonitrile	3.13	53	278821	100.223	ug/l	98
16) Acetone	2.43	43	272341	76.049	ug/l	99
17) Carbon Disulfide	2.56	76	197104	15.688	ug/l	99
18) Methyl Acetate	2.76	43	143927	20.282	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	300490	19.532	ug/l	99
20) Methylene Chloride	2.85	84	101424	17.985	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	90726	17.590	ug/l	99
22) Diisopropyl ether	3.84	45	327851	19.682	ug/l	98
23) Vinyl Acetate	3.80	43	1374928	101.145	ug/l	100
24) 1,1-Dichloroethane	3.69	63	172100	18.570	ug/l	100
25) 2-Butanone	4.65	43	403026	91.283	ug/l	95
26) 2,2-Dichloropropane	4.57	77	134164	18.645	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	110343	18.916	ug/l	98
28) Bromochloromethane	5.01	49	75991	21.581	ug/l	99
29) Tetrahydrofuran	5.12	42	251630	101.895	ug/l	98
30) Chloroform	5.20	83	168710	19.203	ug/l	95
31) Cyclohexane	5.57	56	146443	17.766	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	144317	19.274	ug/l	97
36) 1,1-Dichloropropene	5.79	75	121624	17.887	ug/l	99
37) Ethyl Acetate	4.82	43	147866	19.693	ug/l	98
38) Carbon Tetrachloride	5.78	117	118244	19.089	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147532	17.572	ug/l	99
40) Benzene	6.14	78	389909	18.637	ug/l	98
41) Methacrylonitrile	5.03	41	80571	19.340	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134615	18.982	ug/l	99
43) Isopropyl Acetate	6.44	43	244391	19.667	ug/l	98
44) Trichloroethene	7.21	130	104615	18.104	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101830	18.990	ug/l	96
46) Dibromomethane	7.65	93	65746	18.545	ug/l	97
47) Bromodichloromethane	7.89	83	128980	19.317	ug/l	99
48) Methyl methacrylate	7.76	41	117144	19.252	ug/l	99
49) 1,4-Dioxane	7.73	88	48751	393.704	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	772094	98.937	ug/l	100
52) Toluene	8.78	92	245130	18.537	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139844	19.101	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157411	19.299	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102017	19.249	ug/l	98
56) Ethyl methacrylate	9.17	69	158400	19.027	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173707	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	310067	98.417	ug/l	99
59) 2-Hexanone	9.48	43	586929	93.428	ug/l	100
60) Dibromochloromethane	9.57	129	104868	19.906	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105911	19.531	ug/l	99
64) Tetrachloroethene	9.33	164	108689	18.774	ug/l	96
65) Chlorobenzene	10.14	112	266007	19.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	97009	19.531	ug/l	99
67) Ethyl Benzene	10.25	91	455312	19.038	ug/l	100
68) m/p-Xylenes	10.36	106	349350	37.980	ug/l	99
69) o-Xylene	10.70	106	173327	19.213	ug/l	99
70) Styrene	10.71	104	282552	18.522	ug/l	97
71) Bromoform	10.85	173	78324	19.617	ug/l #	99
73) Isopropylbenzene	11.01	105	454612	20.104	ug/l	100
74) N-amyl acetate	10.89	43	202242	19.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	157427	20.081	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	173471	24.880	ug/l	92
77) Bromobenzene	11.25	156	117914	18.953	ug/l	97
78) n-propylbenzene	11.35	91	498434	19.651	ug/l	100
79) 2-Chlorotoluene	11.42	91	298935	19.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	377508	19.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47789	19.346	ug/l	95
82) 4-Chlorotoluene	11.51	91	339932	19.007	ug/l	100
83) tert-Butylbenzene	11.76	119	370218	19.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	375093	19.681	ug/l	99
85) sec-Butylbenzene	11.94	105	439413	20.098	ug/l	100
86) p-Isopropyltoluene	12.06	119	389343	19.468	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	204389	18.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	203117	18.320	ug/l	99
89) n-Butylbenzene	12.39	91	322070	18.873	ug/l	100
90) Hexachloroethane	12.59	117	69012	19.212	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	207358	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32527	18.749	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0103MBSD01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

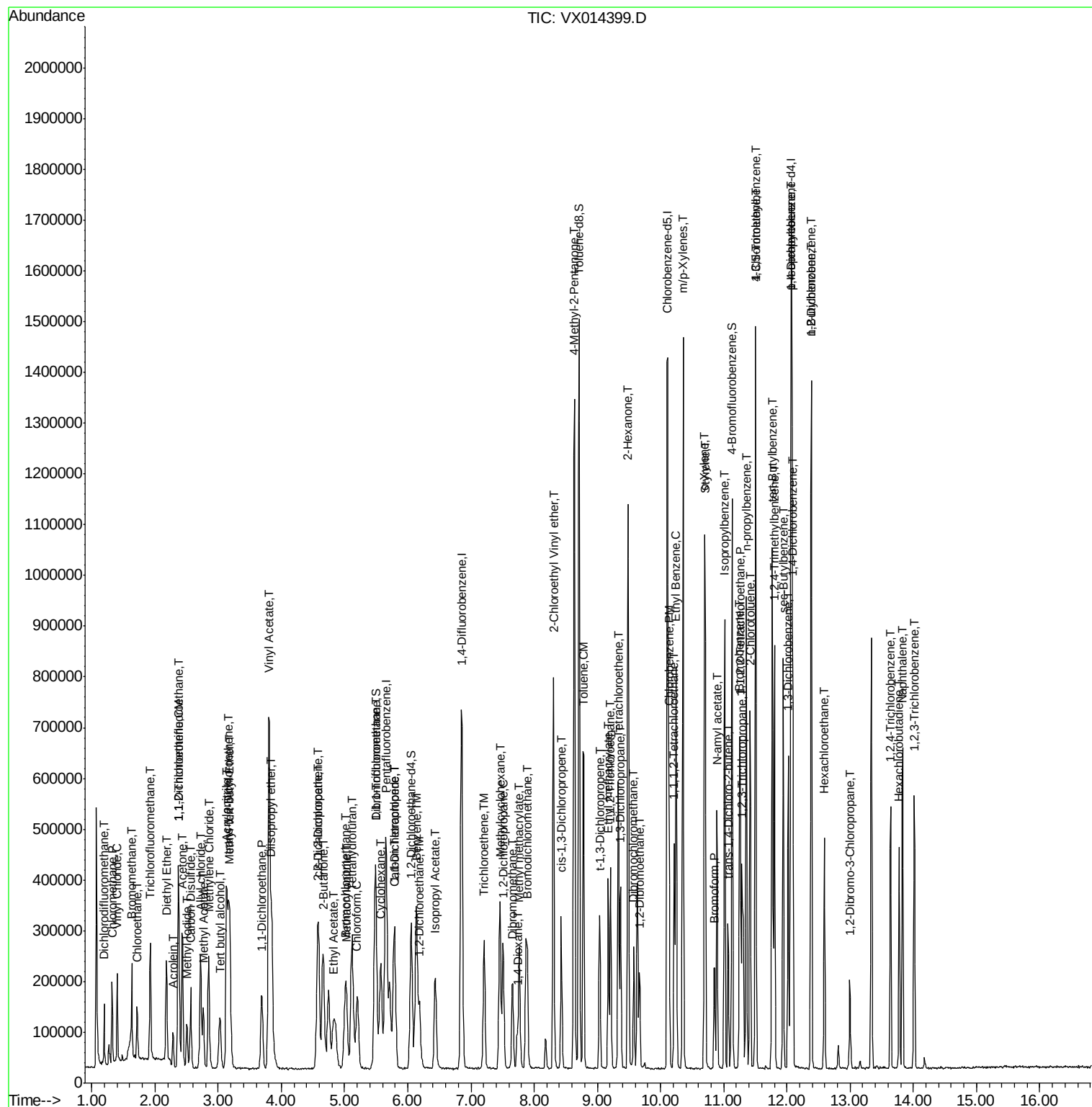
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131331	18.409	ug/l	98
94) Hexachlorobutadiene	13.78	225	67739	19.756	ug/l	97
95) Naphthalene	13.83	128	399626	19.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136777	19.421	ug/l	98

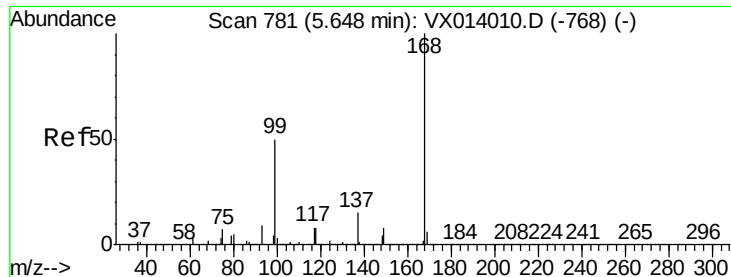
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014399.D
 Acq On : 03 Jan 2020 14:40
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 VX0103MBS01

Quant Time: Jan 06 02:31:25 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

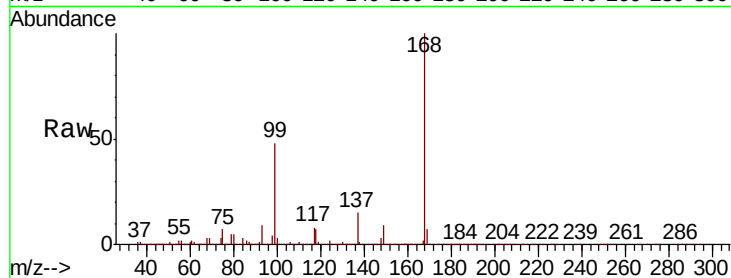
VX0103MBSD01

Tot Ion:168 Resp: 486704

Ion Ratio Lower Upper

168 100

99 47.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

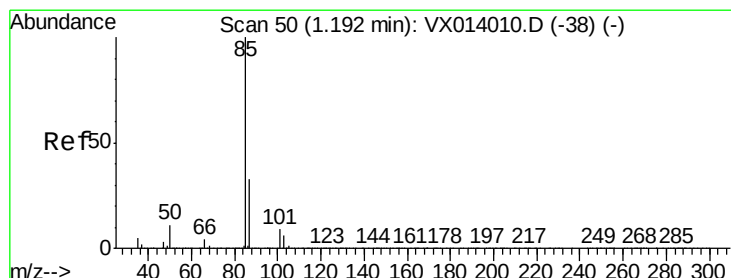
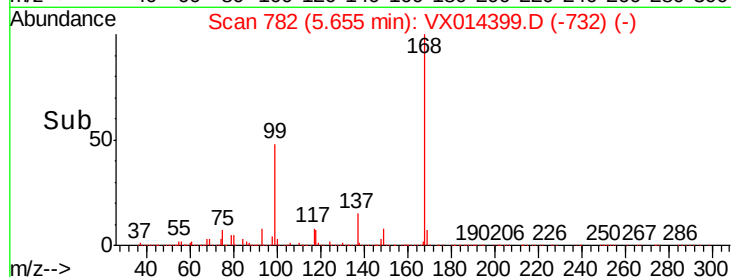
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.636 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014399.D

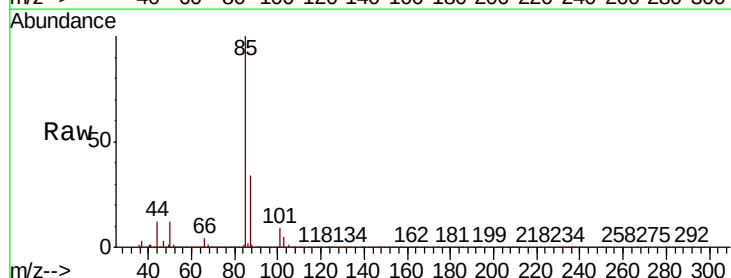
Acq: 03 Jan 2020 14:40

Tgt Ion: 85 Resp: 68082

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

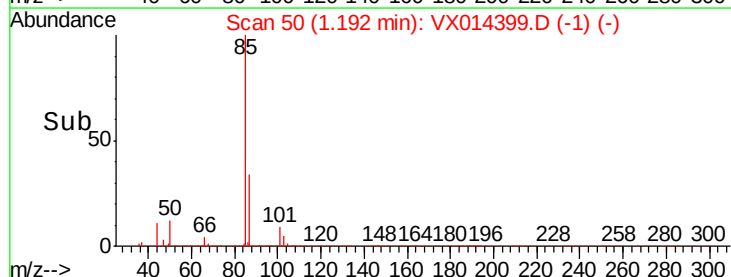
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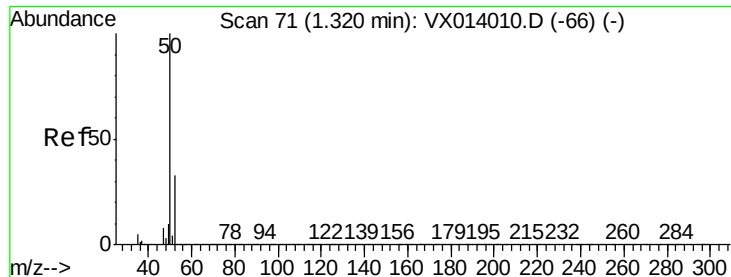
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.949 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

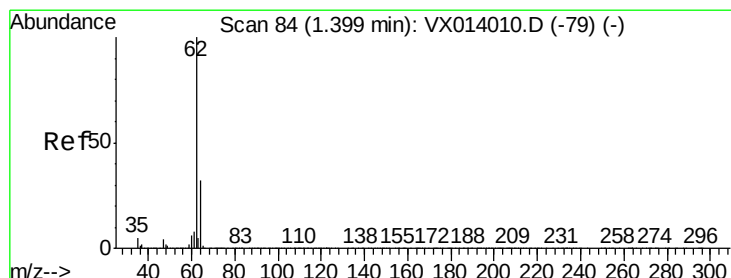
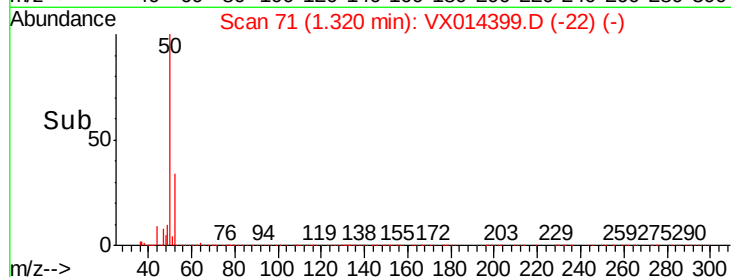
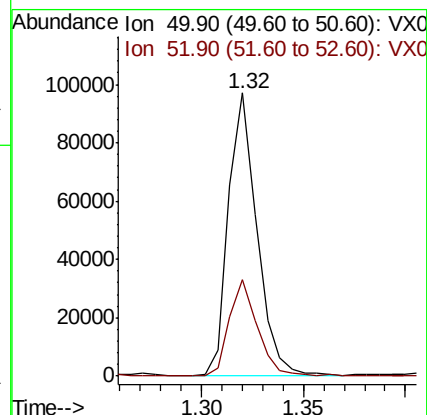
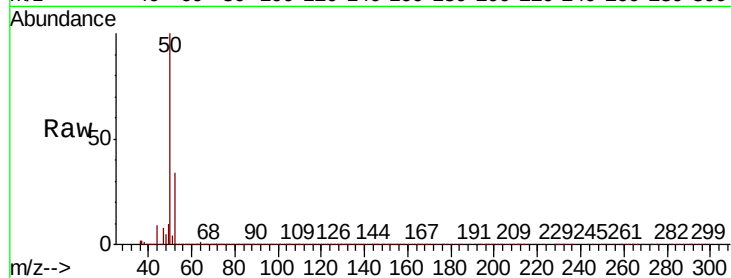
VX0103MBS01

Tot Ion: 50 Resp: 93195

Ion Ratio Lower Upper

50 100

52 33.8 26.2 39.4



#4

Vinyl Chloride

Concen: 16.878 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014399.D

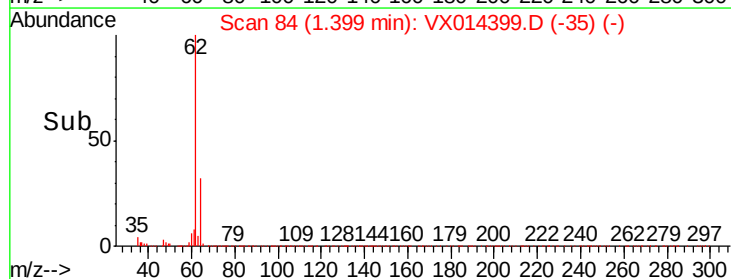
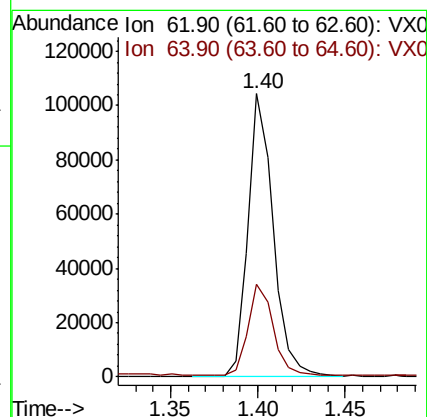
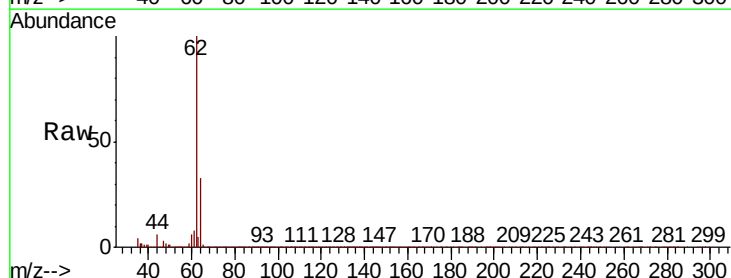
Acq: 03 Jan 2020 14:40

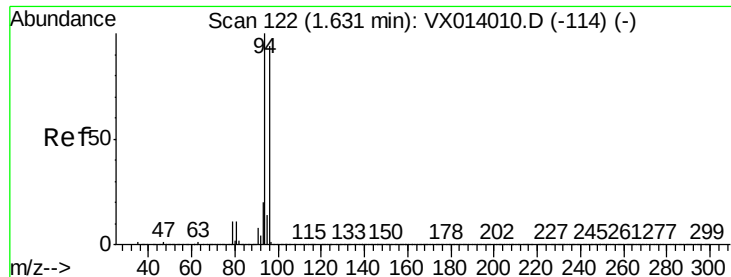
Tgt Ion: 62 Resp: 104070

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 17.241 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

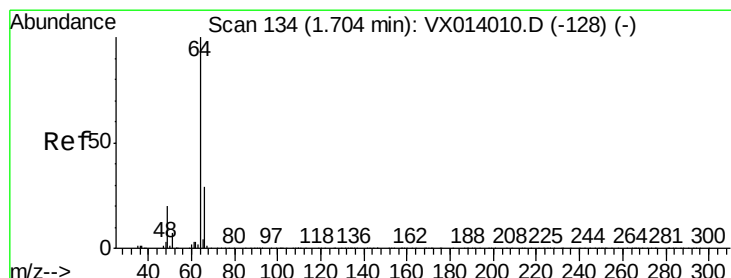
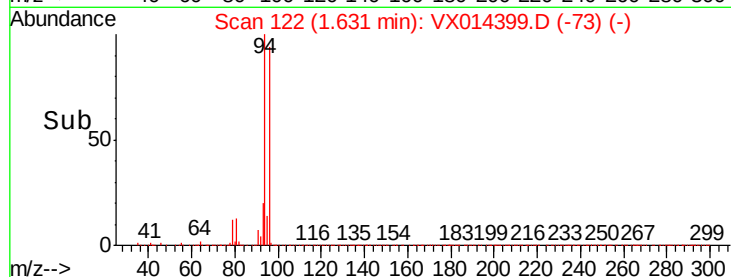
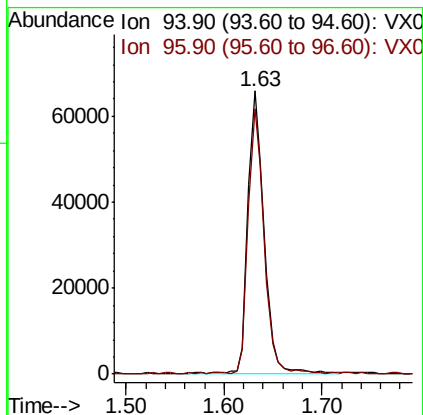
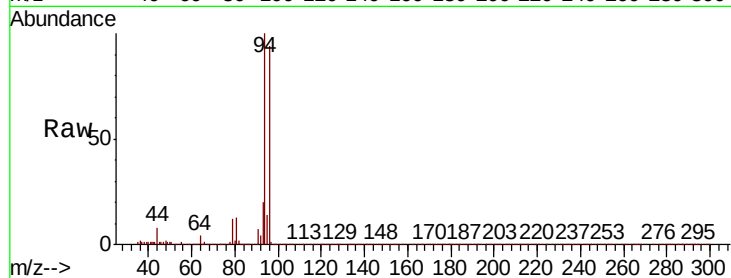
VX0103MBSD01

Tot Ion: 94 Resp: 75452

Ion Ratio Lower Upper

94 100

96 93.6 75.2 112.8



#6

Chloroethane

Concen: 18.376 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014399.D

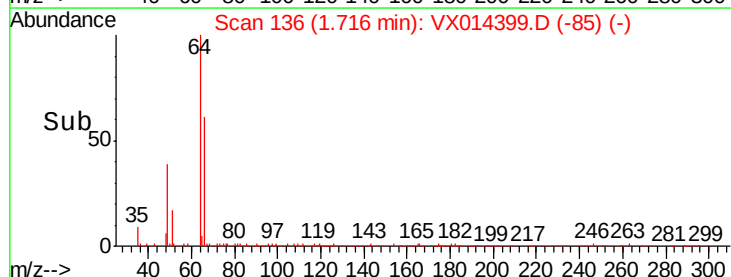
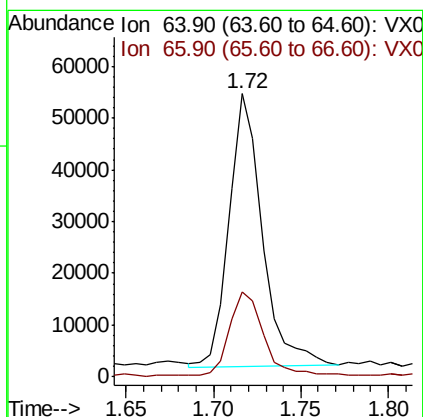
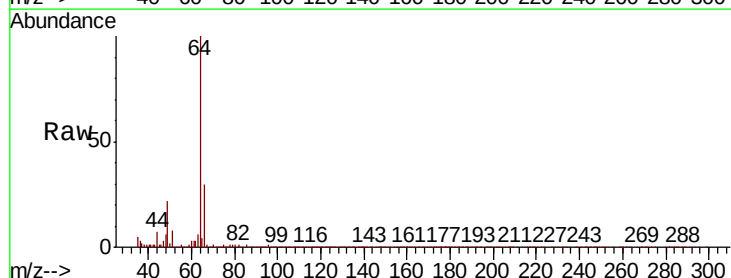
Acq: 03 Jan 2020 14:40

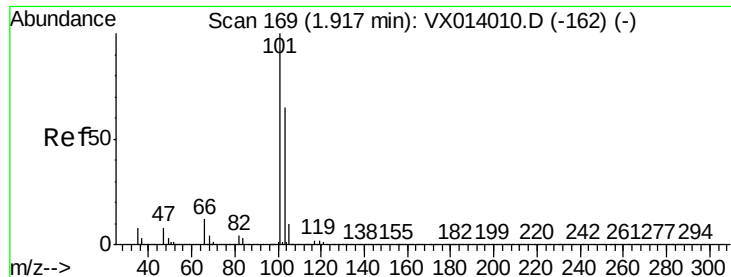
Tgt Ion: 64 Resp: 69929

Ion Ratio Lower Upper

64 100

66 30.9 23.4 35.2



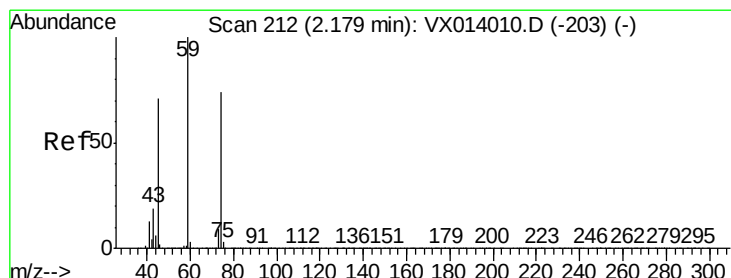
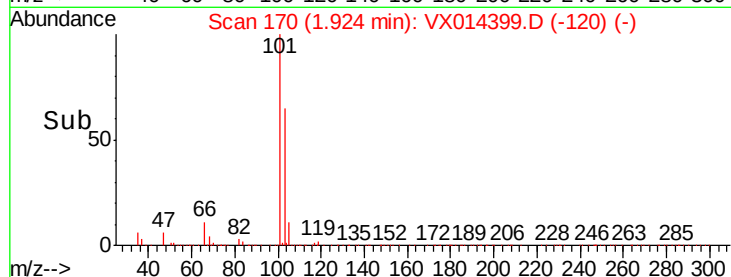
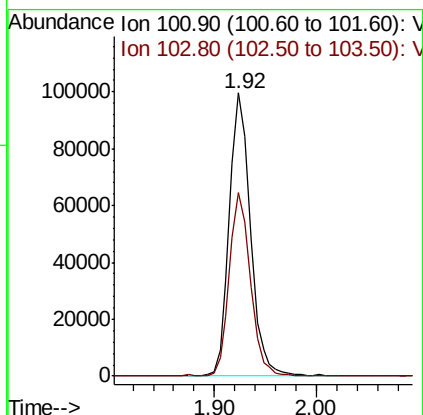
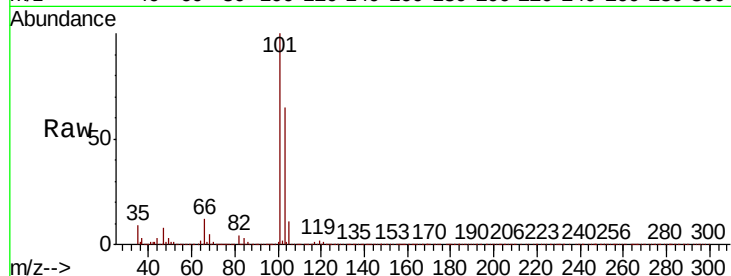


#7

Trichlorofluoromethane
Concen: 18.574 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

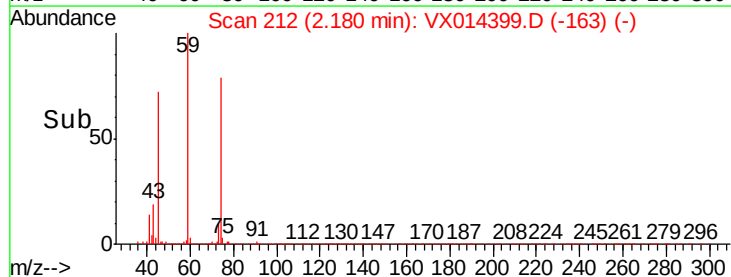
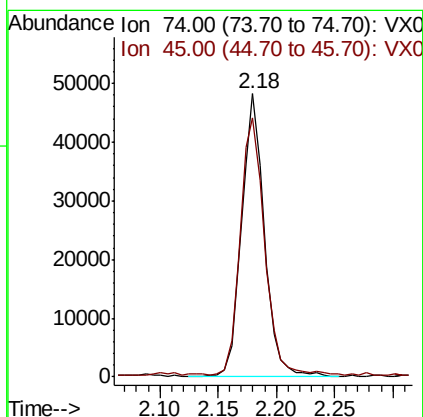
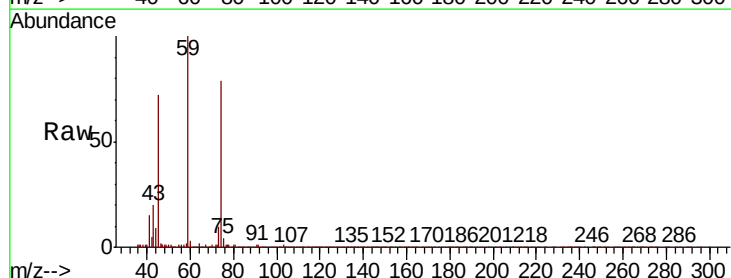
Tot Ion:101 Resp: 141772
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

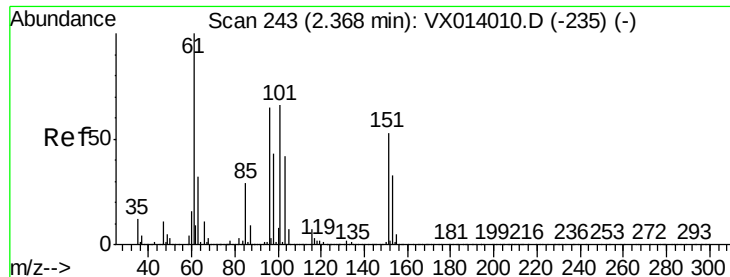


#8

Diethyl Ether
Concen: 18.220 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 74 Resp: 65267
Ion Ratio Lower Upper
74 100
45 99.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.287 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

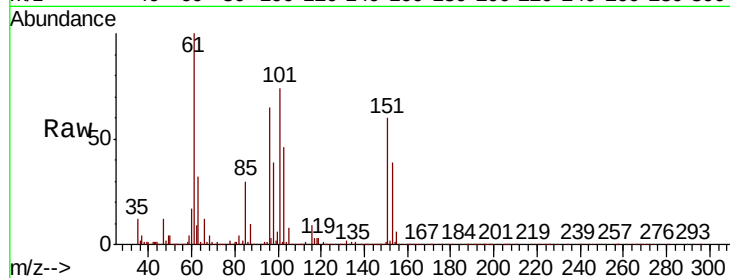
Tot Ion:101 Resp: 88741

Ion Ratio Lower Upper

101 100

85 40.2 33.7 50.5

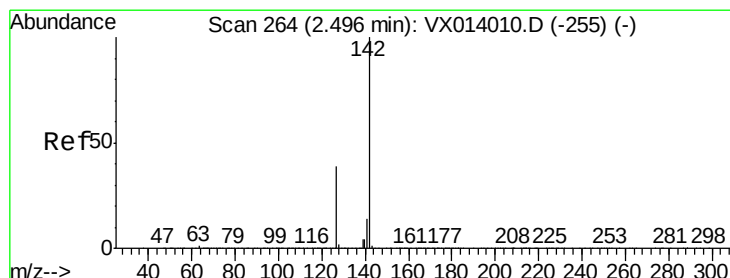
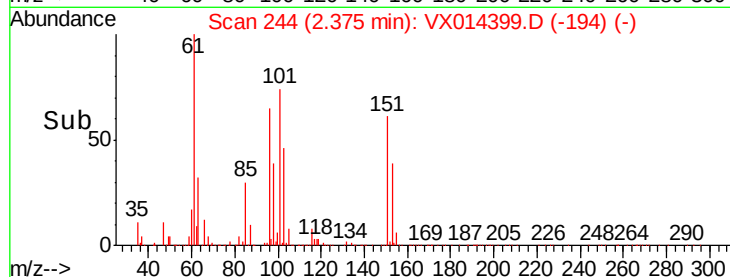
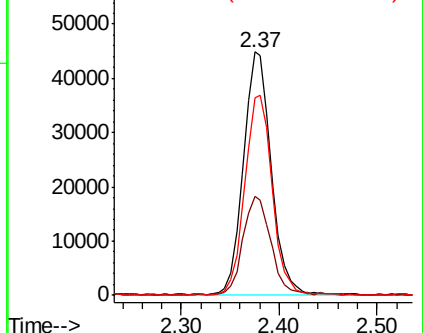
151 80.2 64.5 96.7



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: 17.579 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

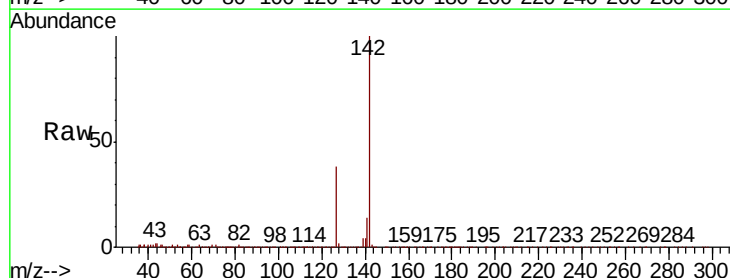
Tgt Ion:142 Resp: 95781

Ion Ratio Lower Upper

142 100

127 38.4 31.6 47.4

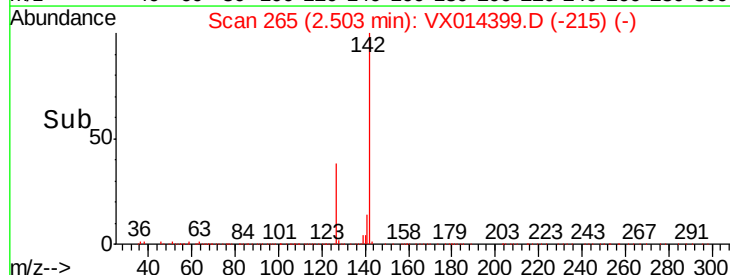
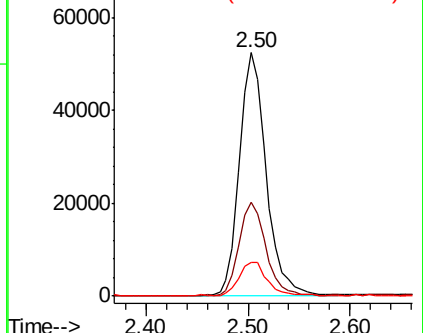
141 14.5 11.6 17.4

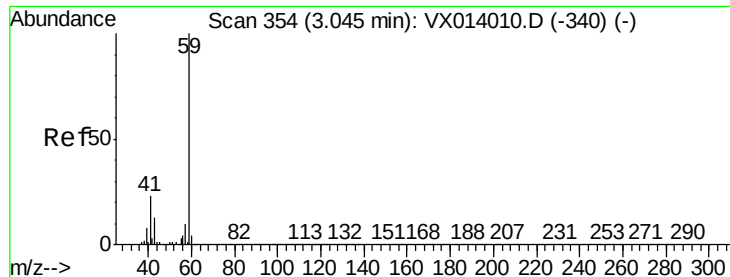


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



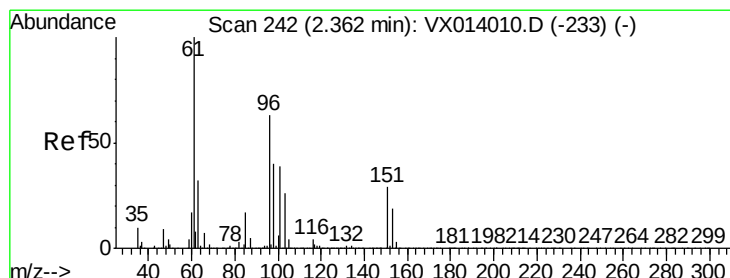
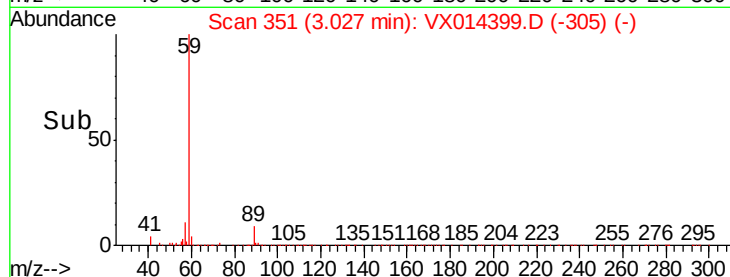
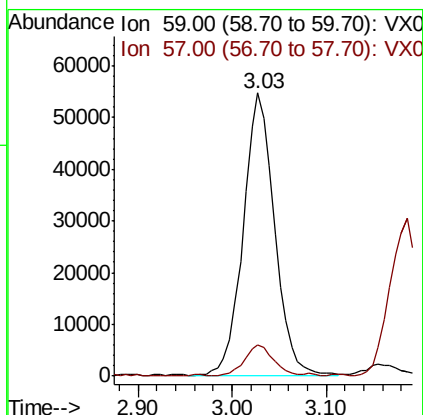
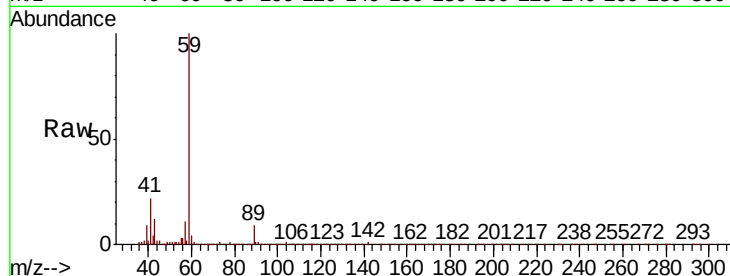


#11

Tert butyl alcohol
Concen: 105.982 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBSD01

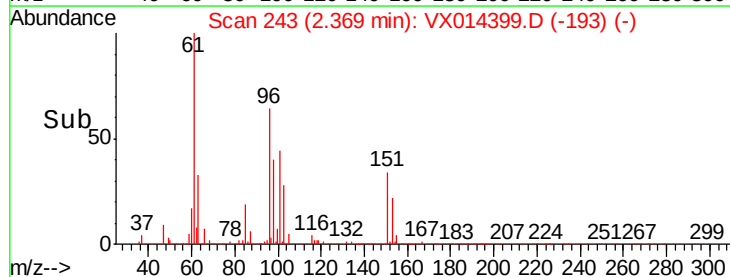
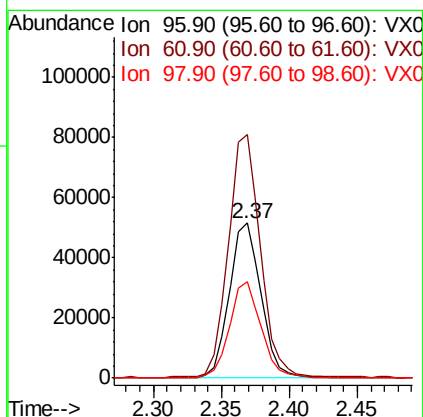
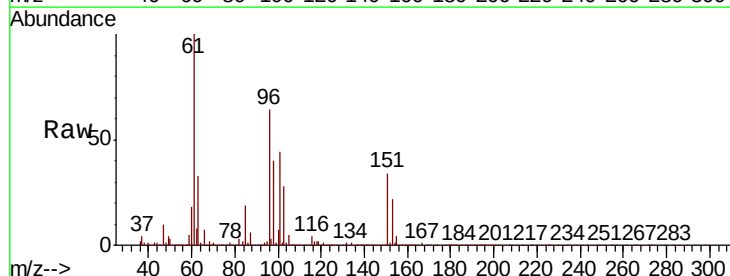
Tot Ion: 59 Resp: 126321
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

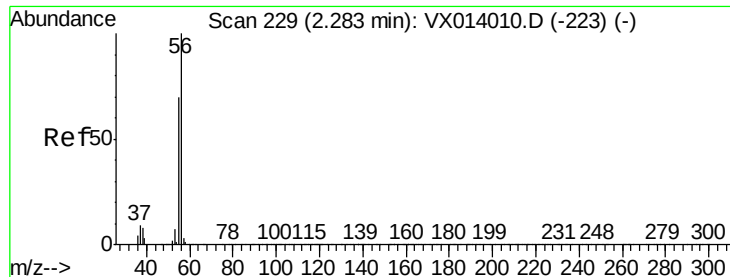


#12

1,1-Dichloroethene
Concen: 17.724 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 96 Resp: 82981
Ion Ratio Lower Upper
96 100
61 156.6 127.9 191.9
98 62.1 50.5 75.7





#13

Acrolein

Concen: 74.377 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

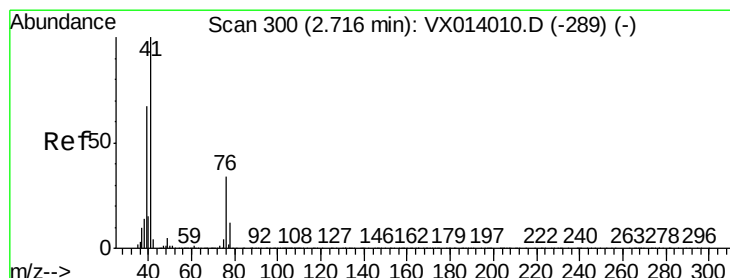
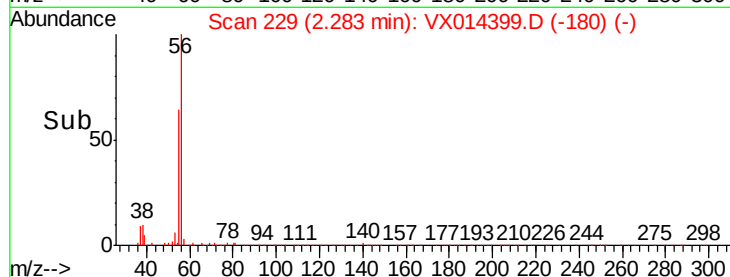
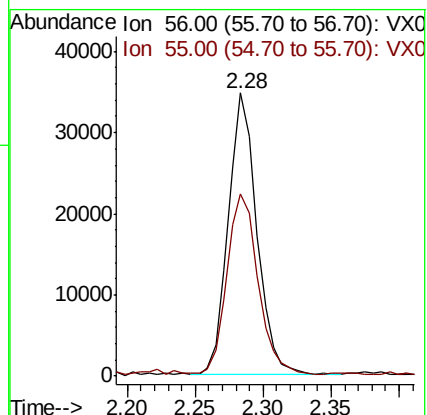
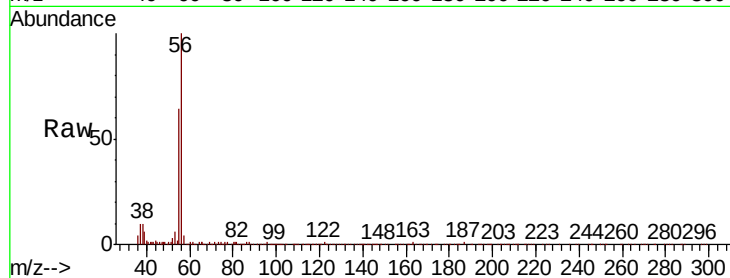
VX0103MBSD01

Tot Ion: 56 Resp: 50746

Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3



#14

Allyl chloride

Concen: 18.581 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

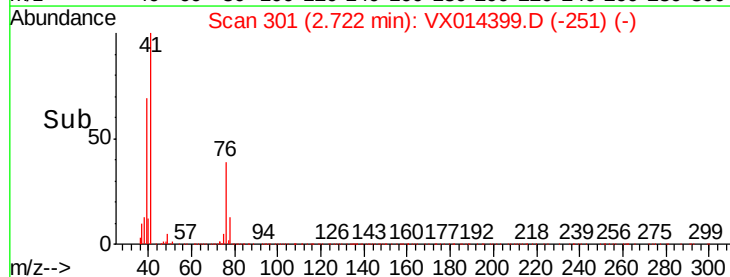
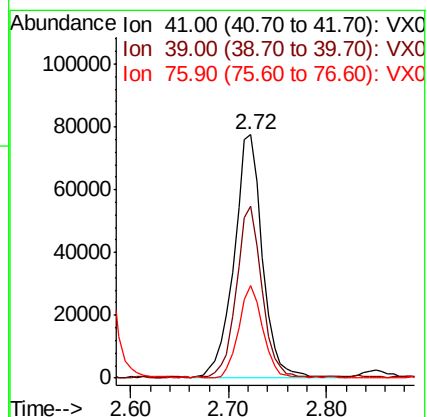
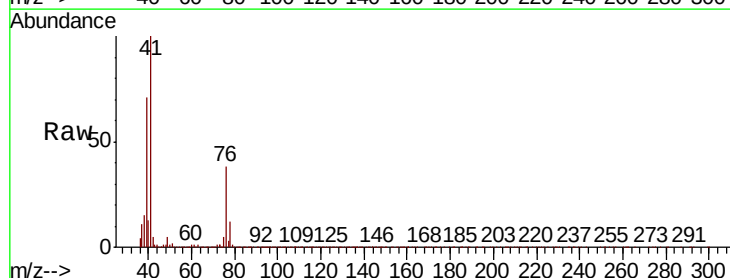
Tgt Ion: 41 Resp: 155325

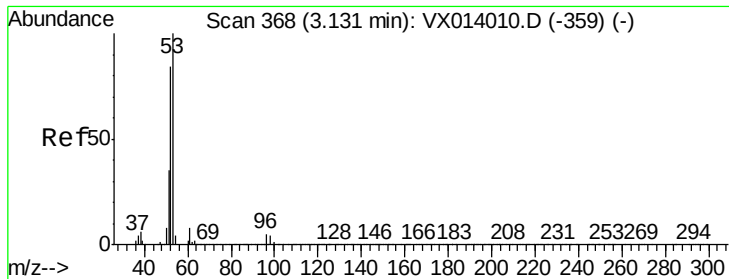
Ion Ratio Lower Upper

41 100

39 63.6 51.8 77.8

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 100.223 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

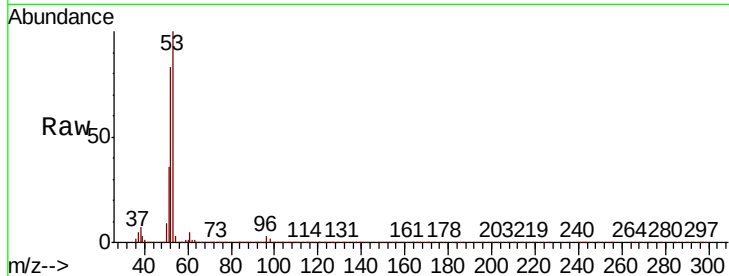
MSVOA_X

ClientSampleId :

VX0103MBS01

Tot Ion: 53 Resp: 278821

Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.5	99.7
51	35.1	28.1	42.1

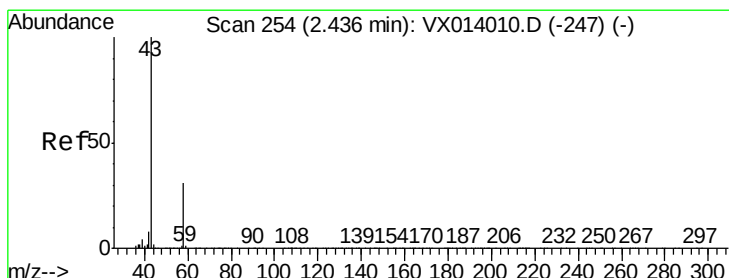
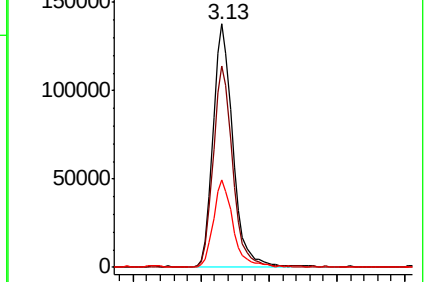
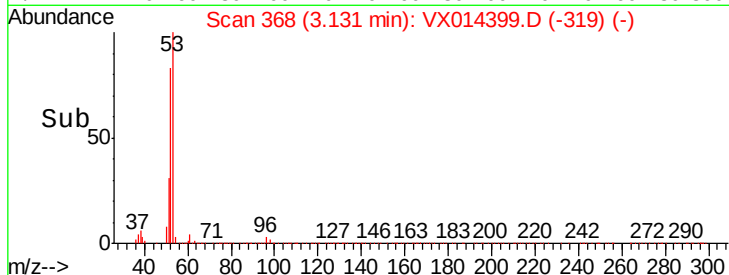


Abundance

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: 76.049 ug/l

RT: 2.43 min Scan# 253

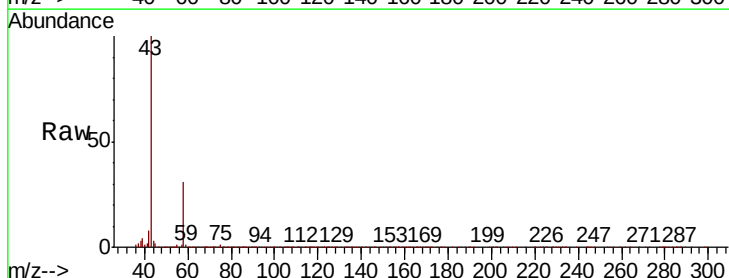
Delta R.T. -0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Tgt Ion: 43 Resp: 272341

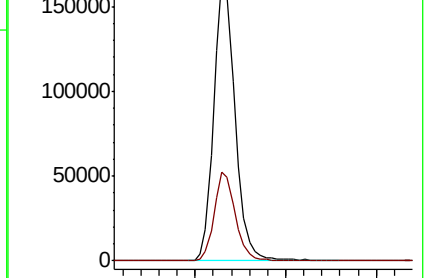
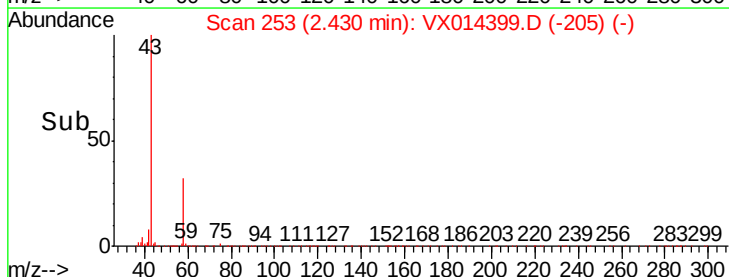
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.9	37.3

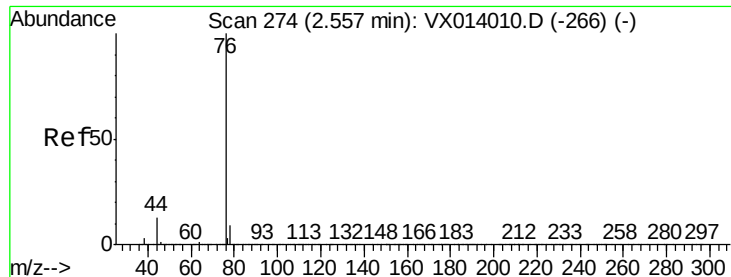


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.688 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

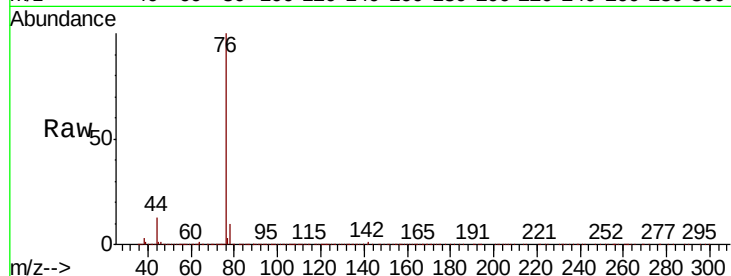
VX0103MBSD01

Tot Ion: 76 Resp: 197104

Ion Ratio Lower Upper

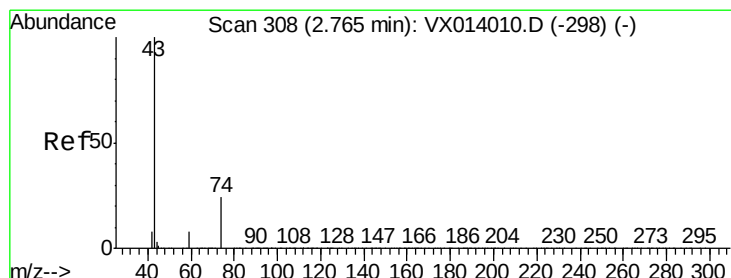
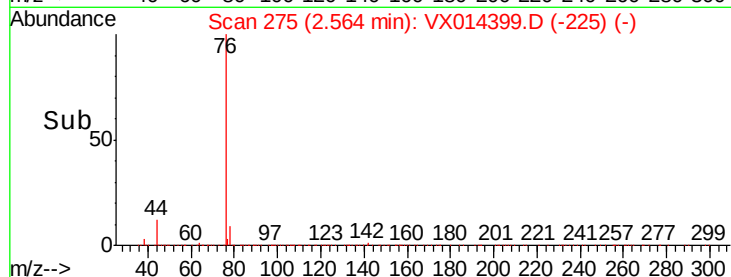
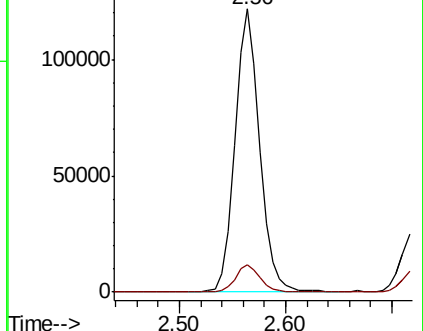
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.282 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014399.D

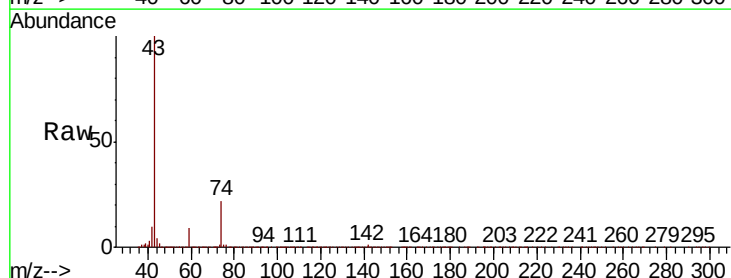
Acq: 03 Jan 2020 14:40

Tgt Ion: 43 Resp: 143927

Ion Ratio Lower Upper

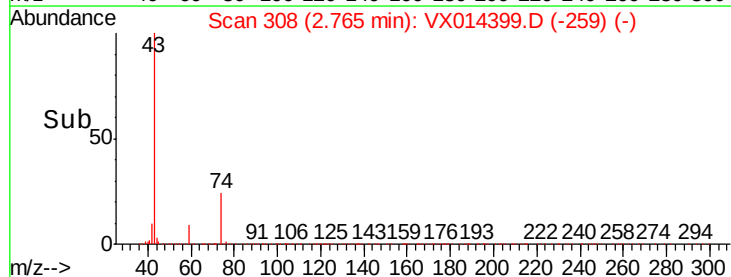
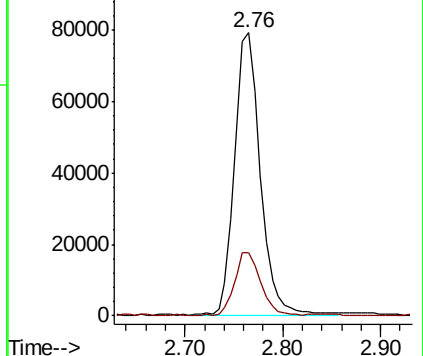
43 100

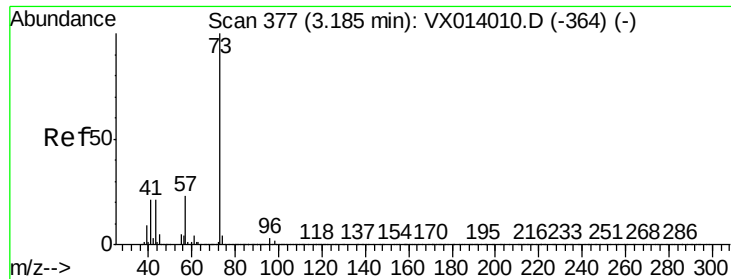
74 22.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

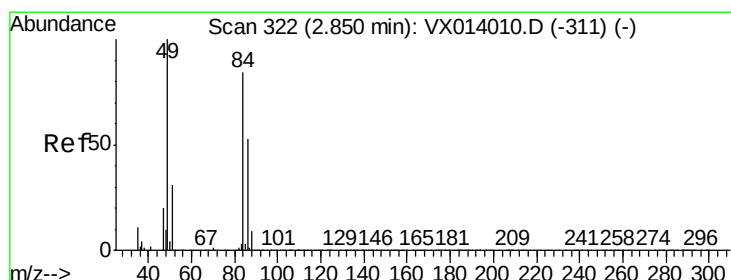
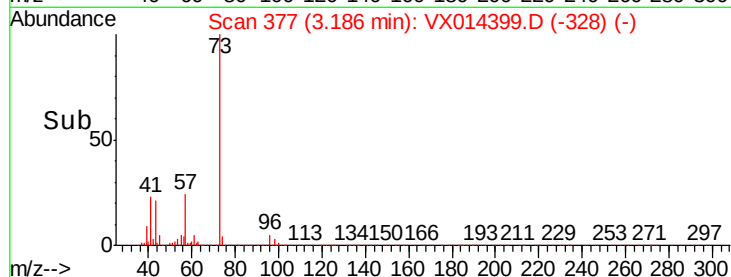
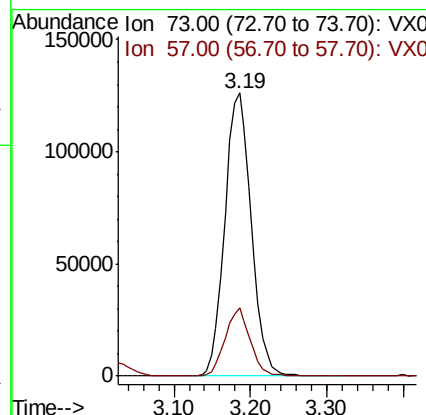
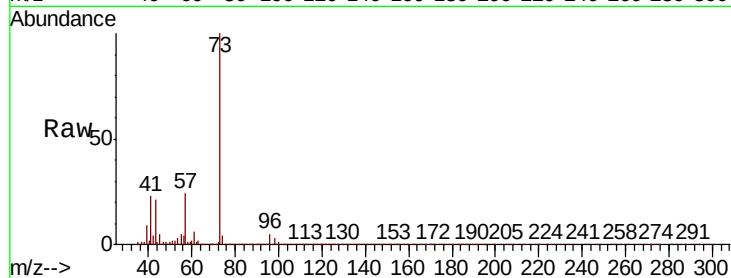




#19
Methyl tert-butyl Ether
Concen: 19.532 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

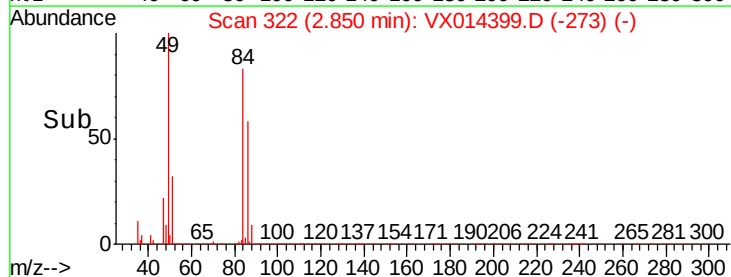
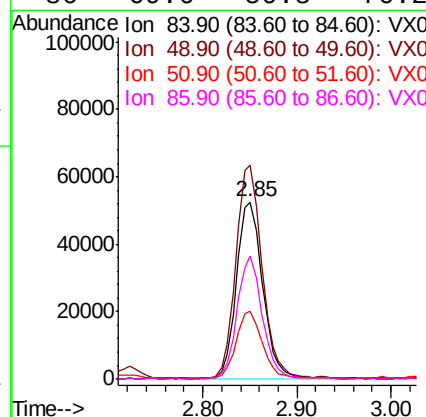
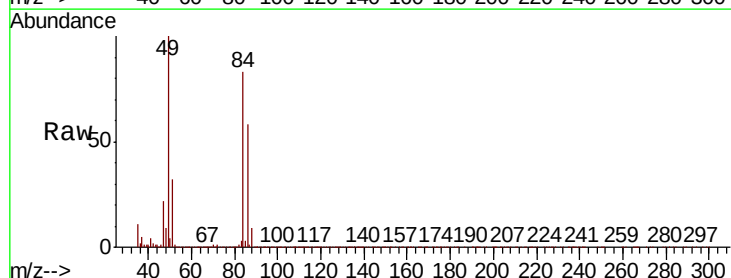
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

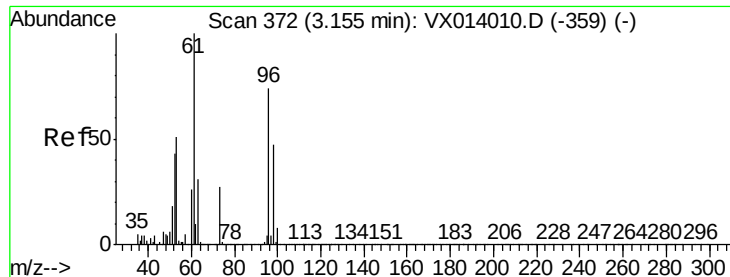
Tot Ion: 73 Resp: 300490
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2



#20
Methylene Chloride
Concen: 17.985 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 84 Resp: 101424
Ion Ratio Lower Upper
84 100
49 120.6 95.8 143.6
51 38.0 29.8 44.8
86 69.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.590 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

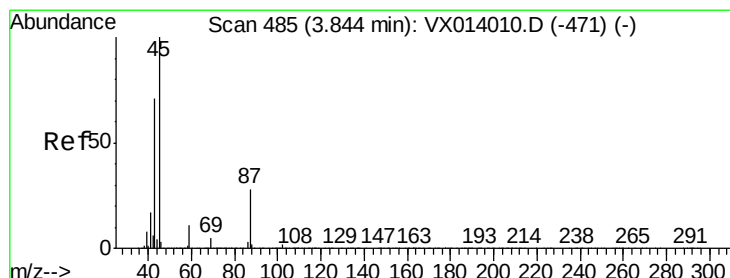
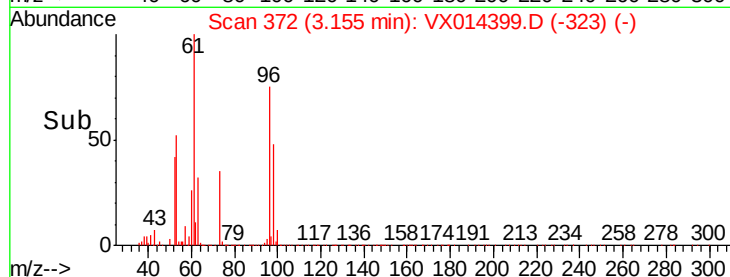
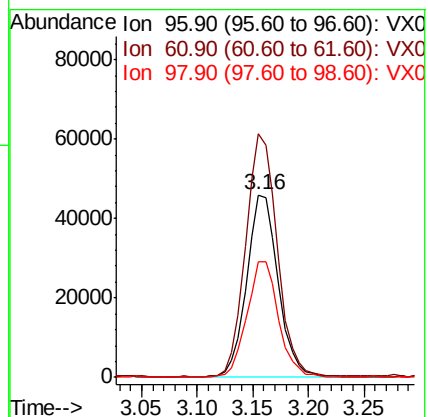
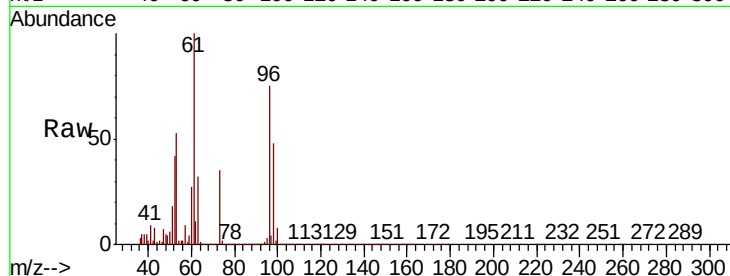
Tot Ion: 96 Resp: 90726

Ion Ratio Lower Upper

96 100

61 133.1 108.3 162.5

98 63.5 50.8 76.2



#22

Diisopropyl ether

Concen: 19.682 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Tgt Ion: 45 Resp: 327851

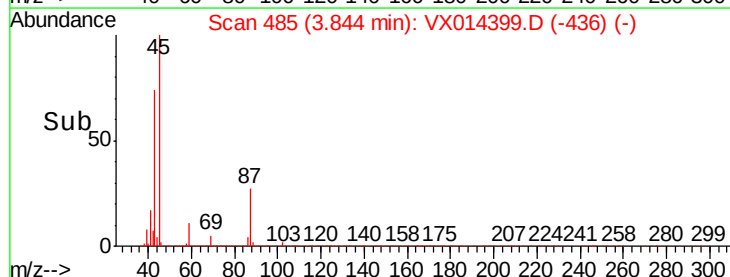
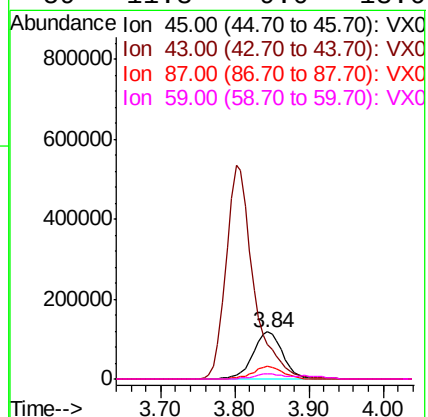
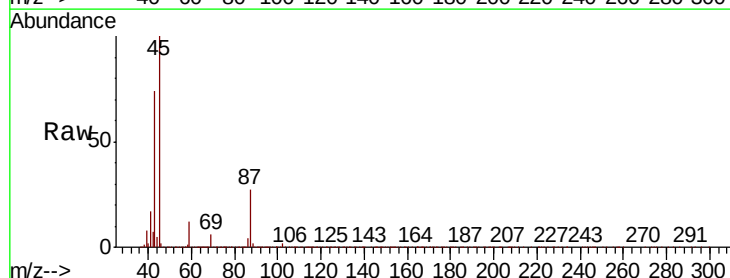
Ion Ratio Lower Upper

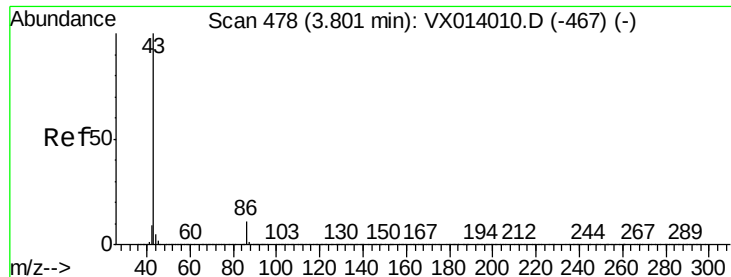
45 100

43 74.4 57.4 86.0

87 27.2 21.9 32.9

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 101.145 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

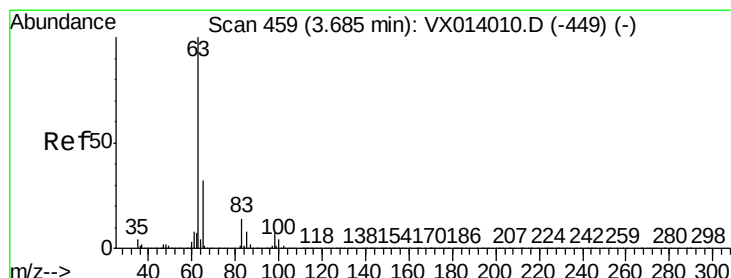
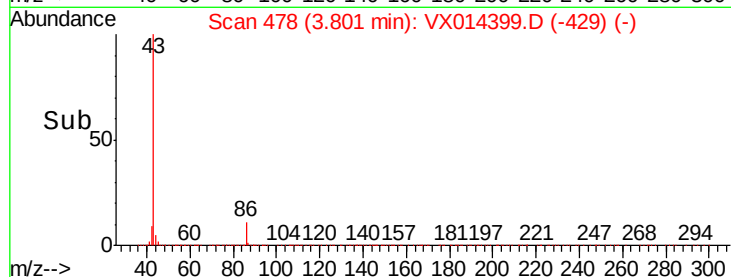
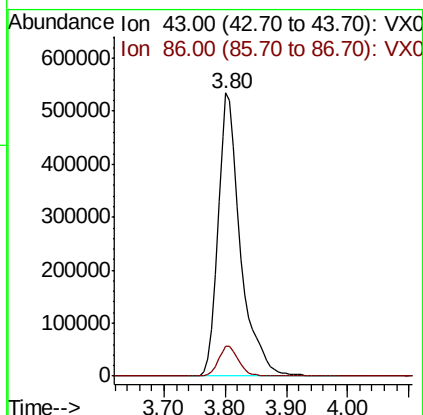
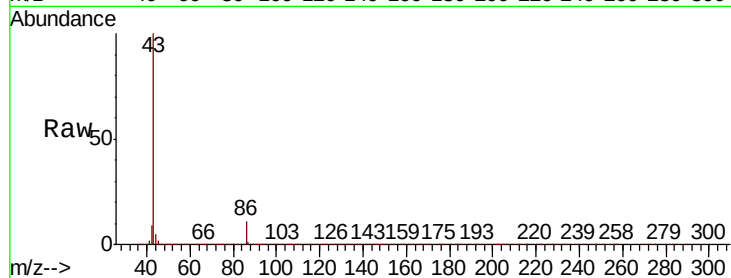
VX0103MBSD01

Tot Ion: 43 Resp: 1374928

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.570 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

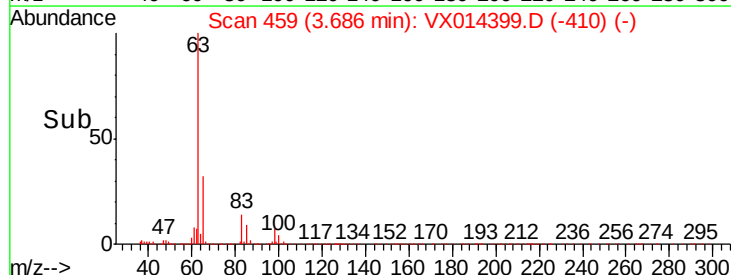
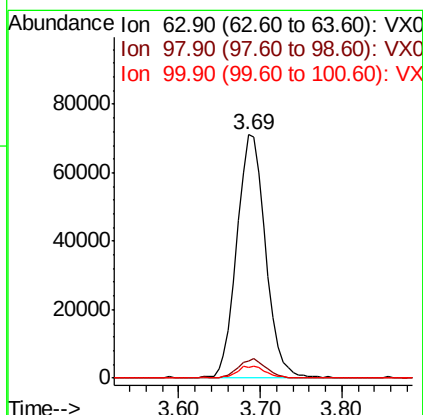
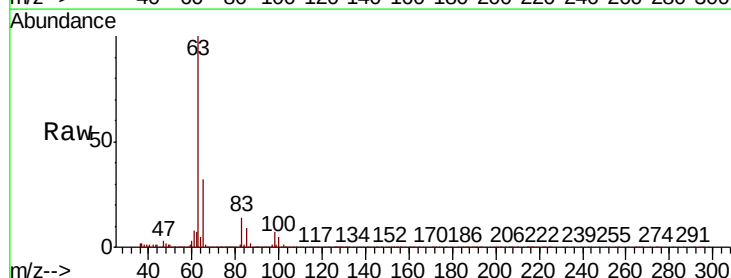
Tgt Ion: 63 Resp: 172100

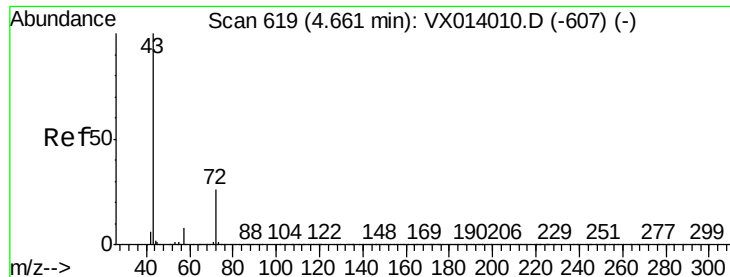
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 91.283 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

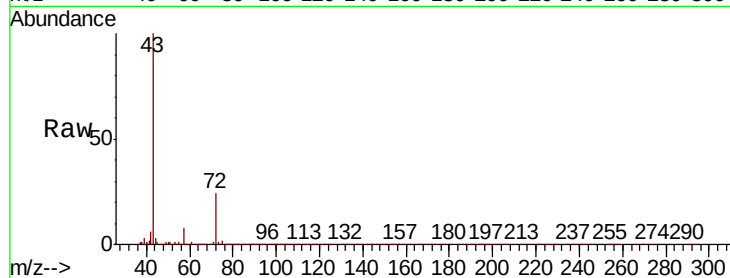
VX0103MBSD01

Tot Ion: 43 Resp: 403026

Ion Ratio Lower Upper

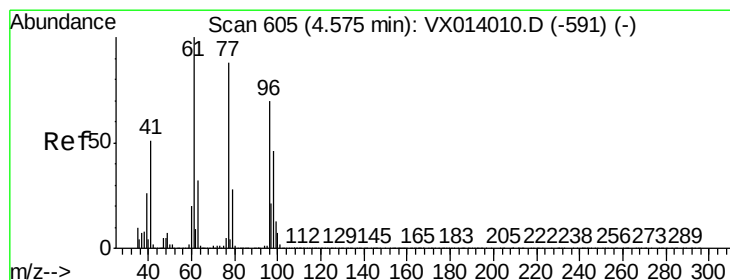
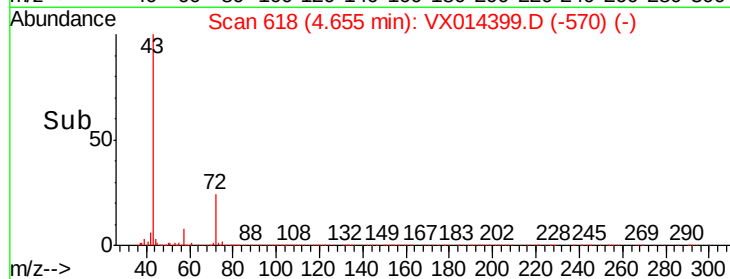
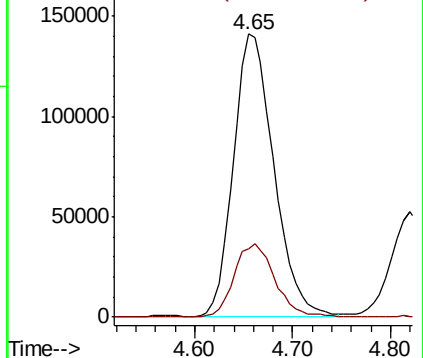
43 100

72 23.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.645 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014399.D

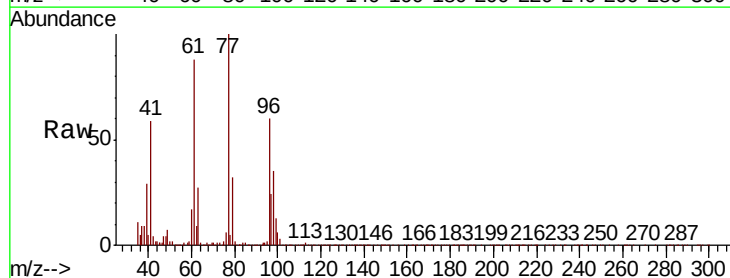
Acq: 03 Jan 2020 14:40

Tgt Ion: 77 Resp: 134164

Ion Ratio Lower Upper

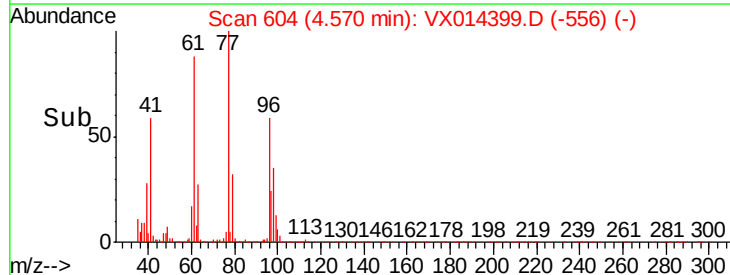
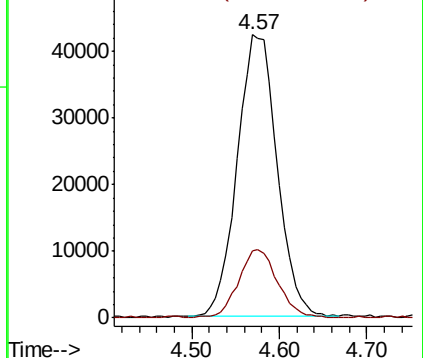
77 100

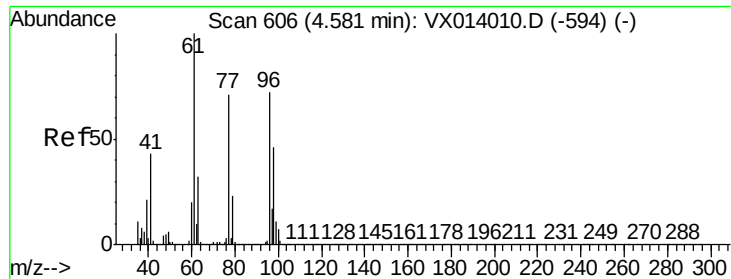
97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



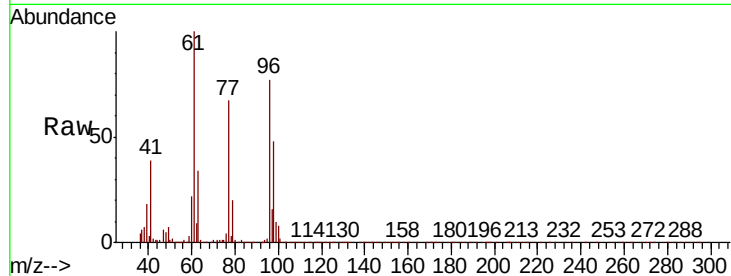


#27

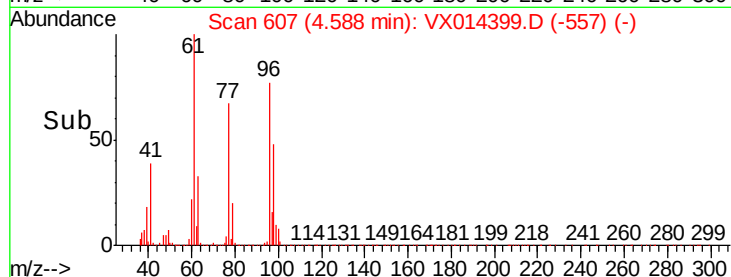
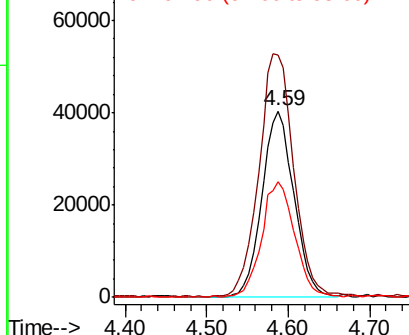
cis-1,2-Dichloroethene
Concen: 18.916 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampled :
VX0103MBS01

Tot Ion: 96 Resp: 110343
Ion Ratio Lower Upper
96 100
61 141.4 0.0 288.4
98 63.8 0.0 129.6



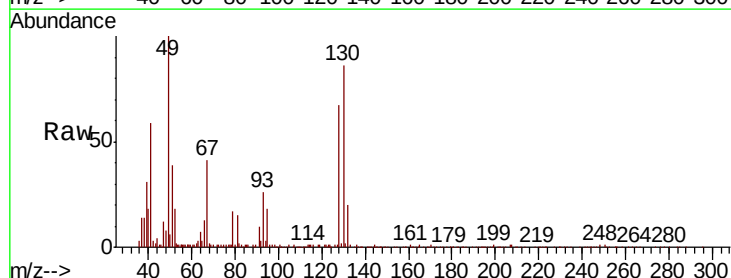
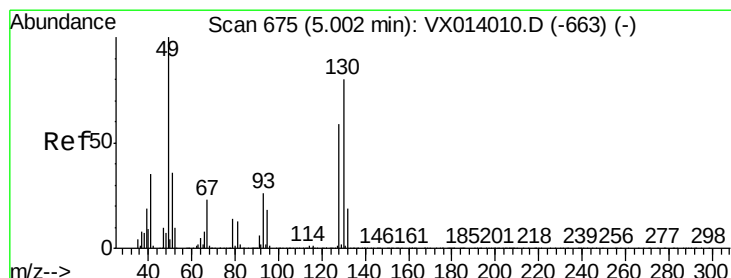
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



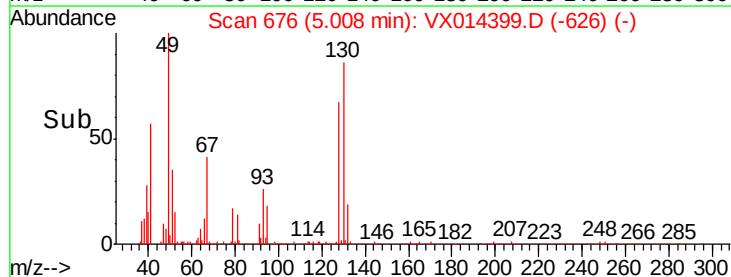
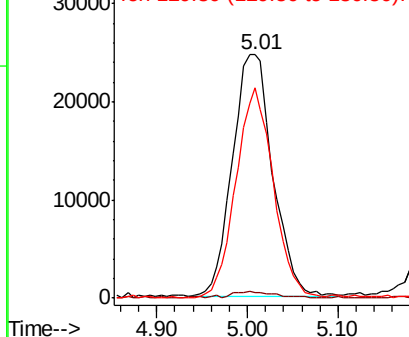
#28

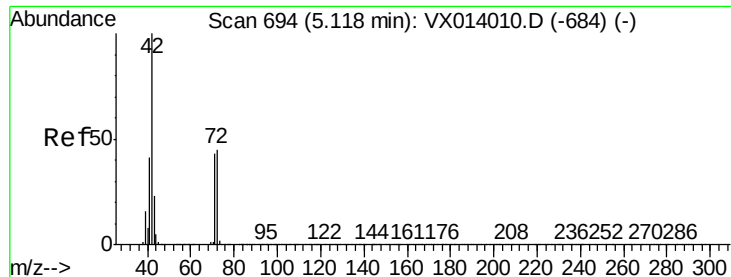
Bromochloromethane
Concen: 21.581 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 49 Resp: 75991
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.0
130 80.3 64.6 97.0



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

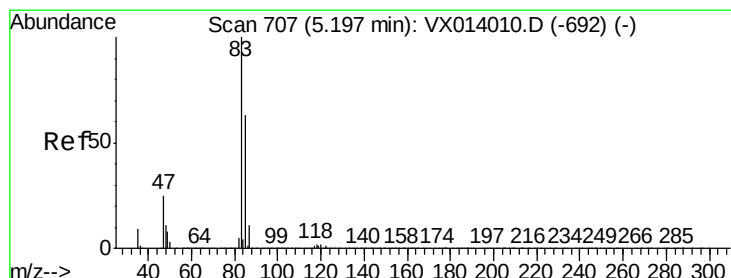
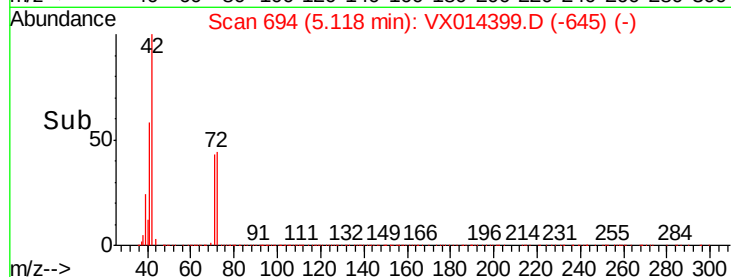
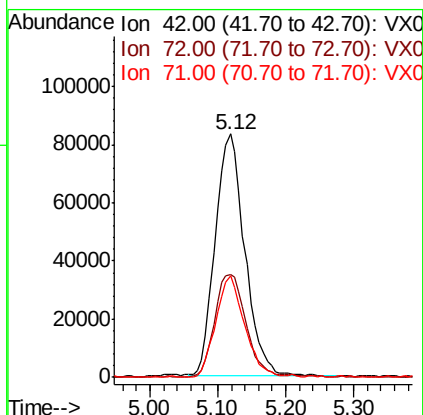
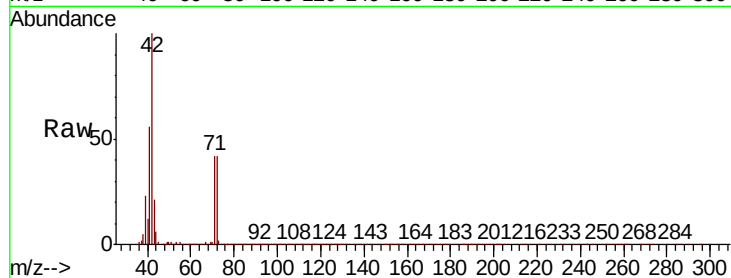




#29
Tetrahydrofuran
Concen: 101.895 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

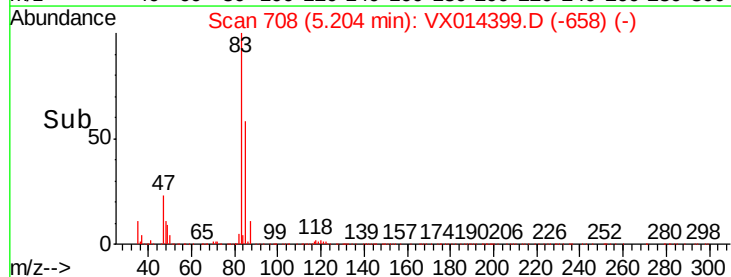
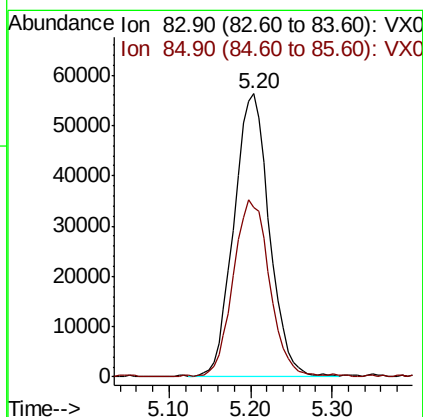
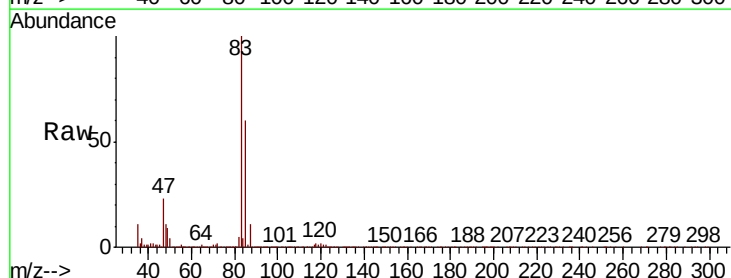
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

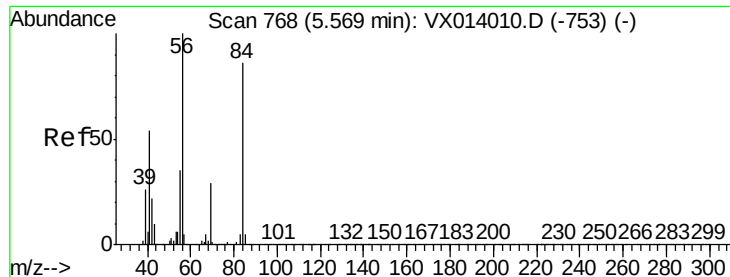
Tot Ion: 42 Resp: 251630
Ion Ratio Lower Upper
42 100
72 44.9 35.8 53.8
71 40.1 33.6 50.4



#30
Chloroform
Concen: 19.203 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 83 Resp: 168710
Ion Ratio Lower Upper
83 100
85 59.3 50.8 76.2

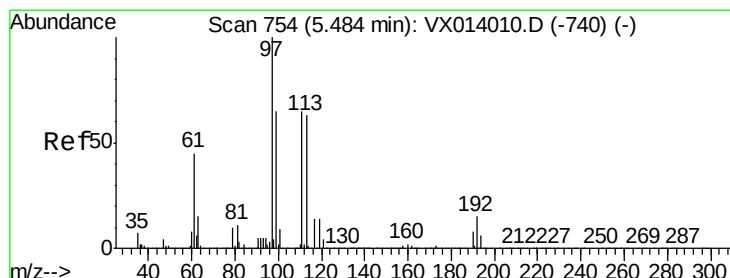
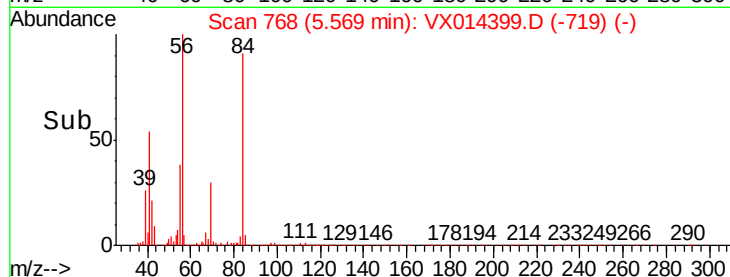
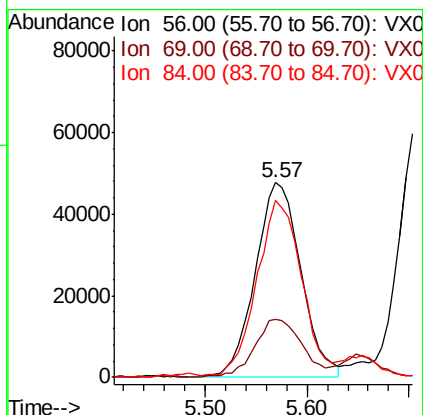
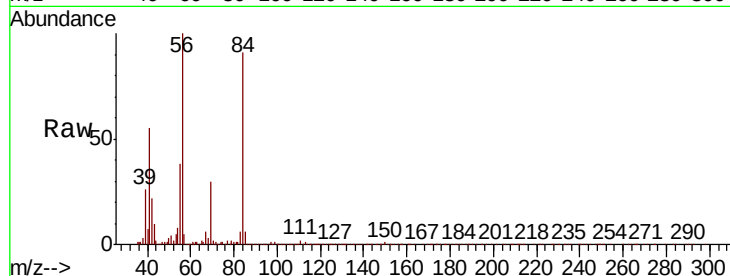




#31
Cyclohexane
Concen: 17.766 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

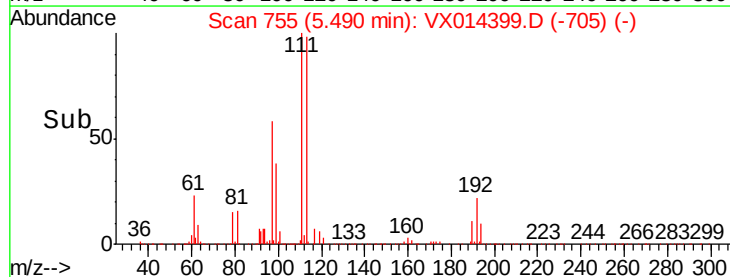
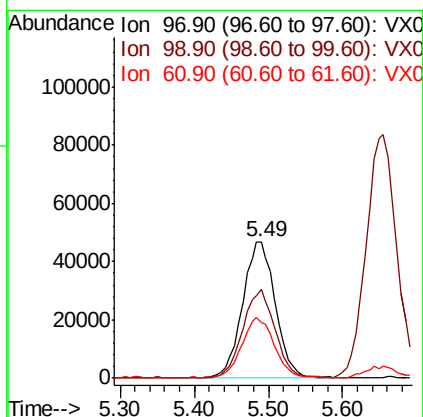
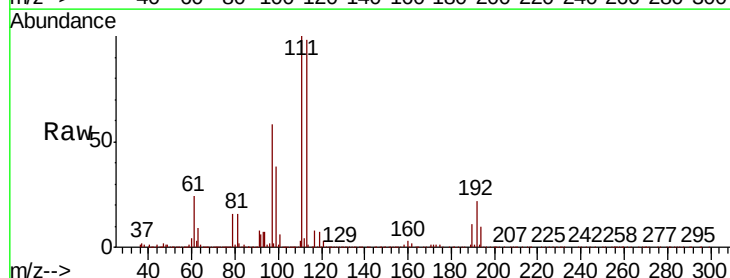
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBSD01

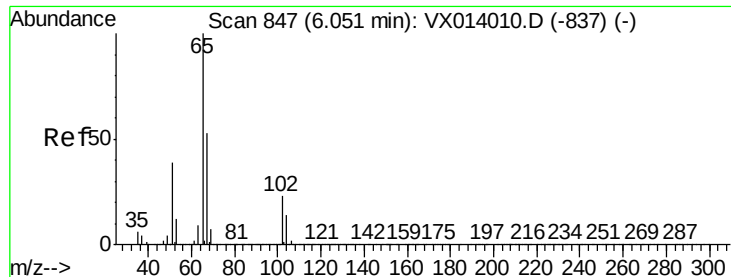
Tot Ion: 56 Resp: 146443
Ion Ratio Lower Upper
56 100
69 29.8 23.2 34.8
84 89.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.274 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 97 Resp: 144317
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 43.8 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.521 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

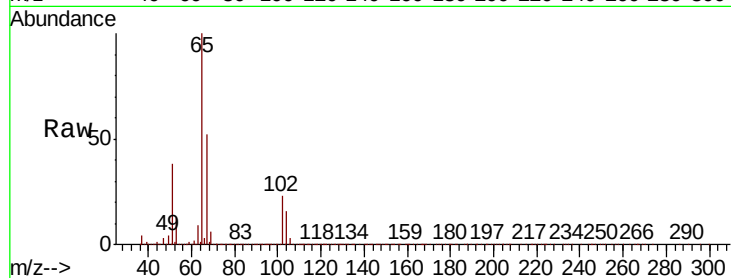
VX0103MBS01

Tot Ion: 65 Resp: 267646

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

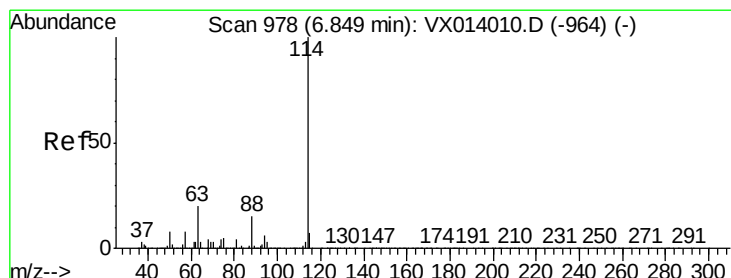
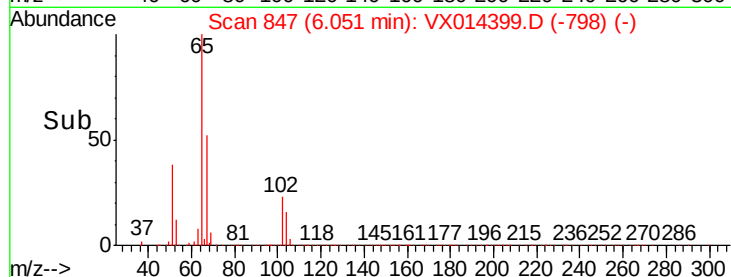
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

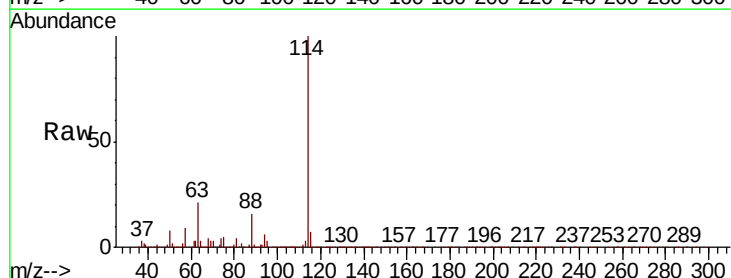
Tgt Ion: 114 Resp: 741037

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

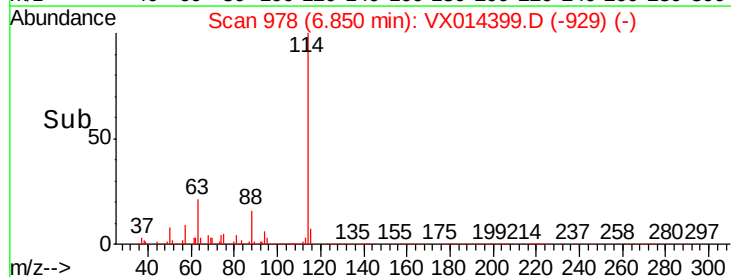
300000

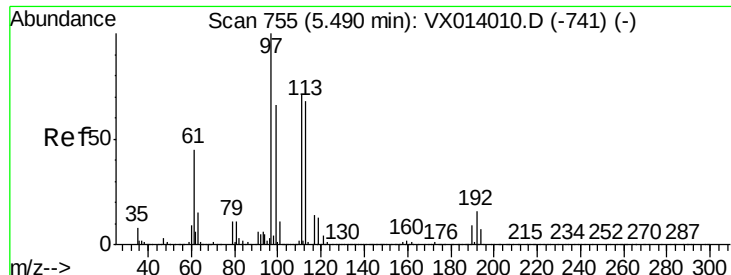
200000

100000

0

Time-->

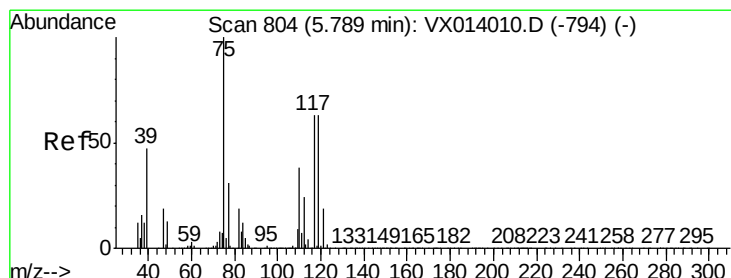
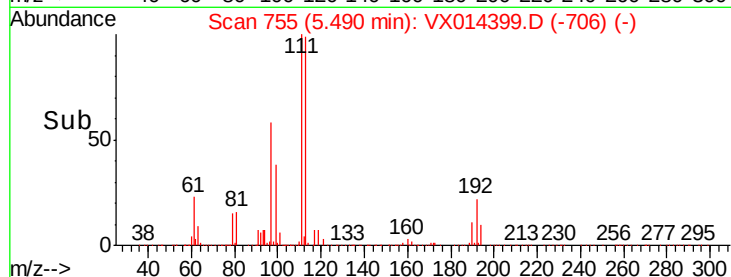
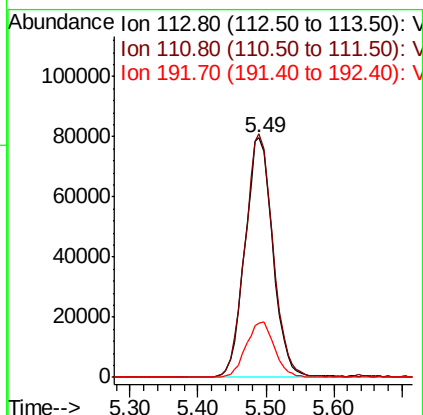
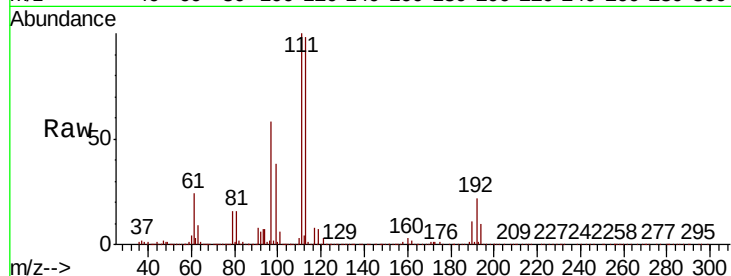




#35
 Dibromofluoromethane
 Concen: 50.209 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

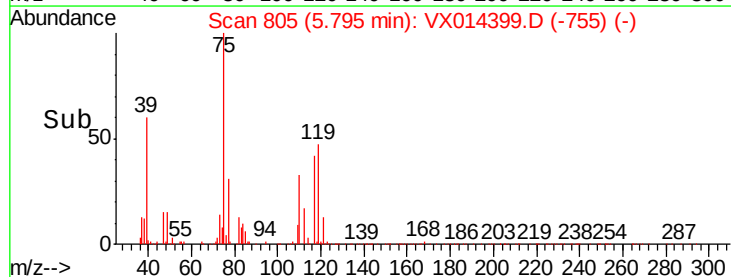
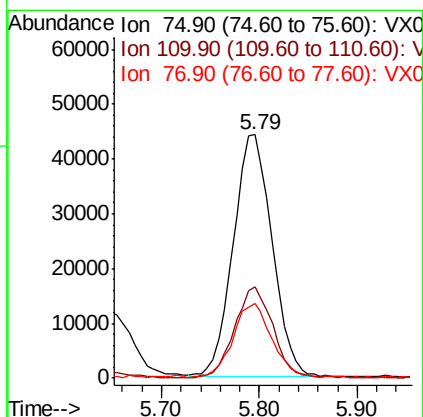
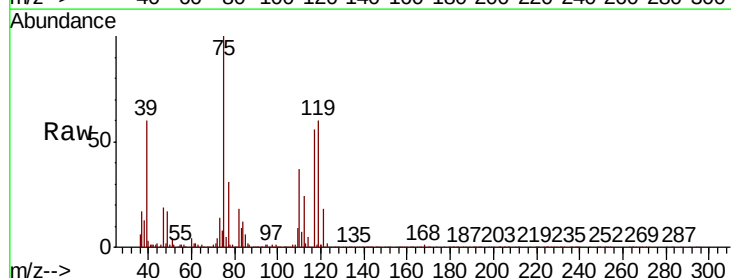
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

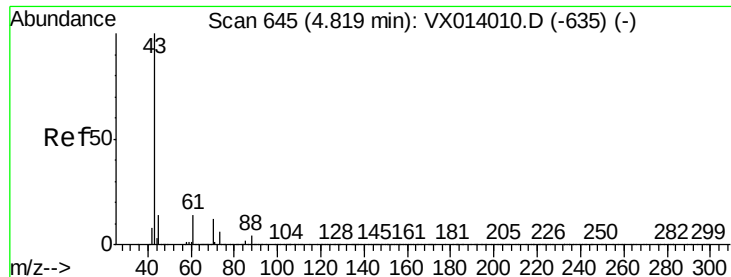
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.7	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 17.887 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.9
77	30.2	24.8	37.2

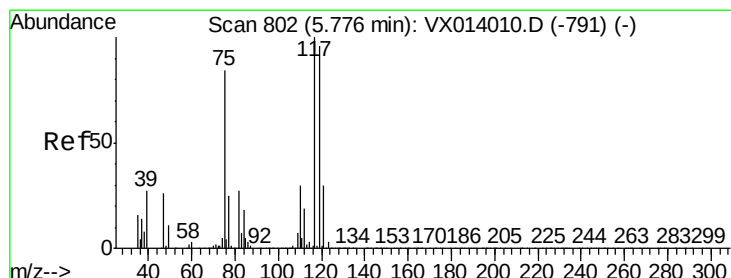
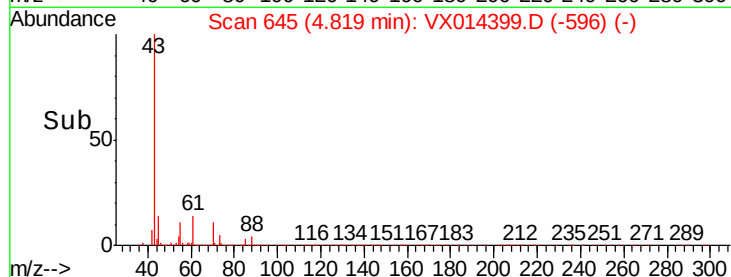
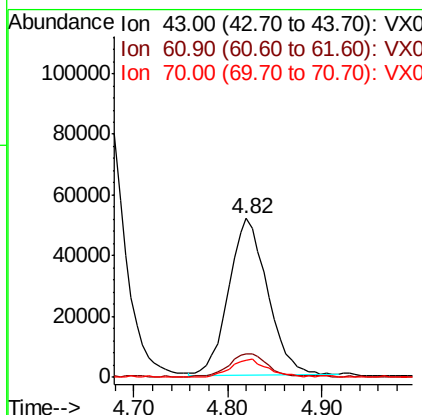
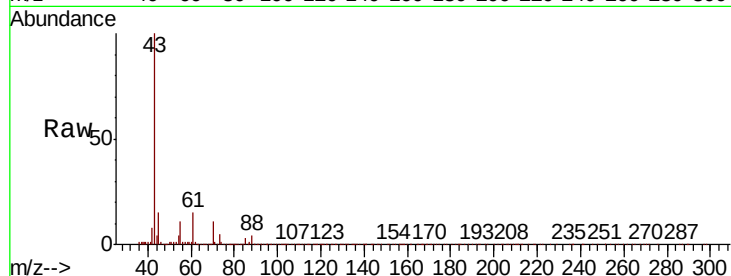




#37
Ethyl Acetate
Concen: 19.693 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

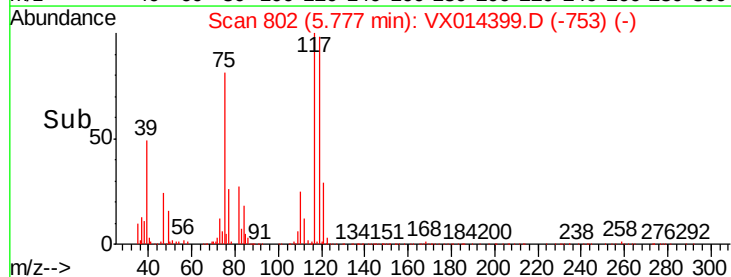
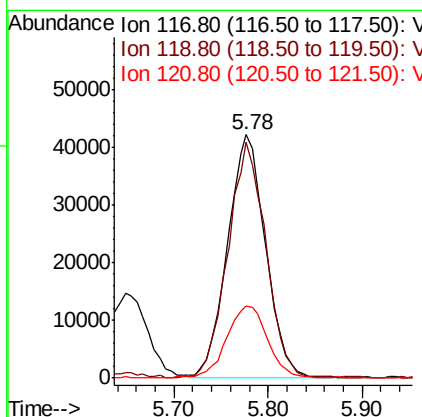
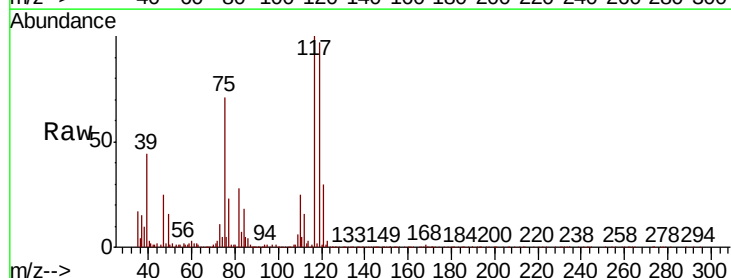
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

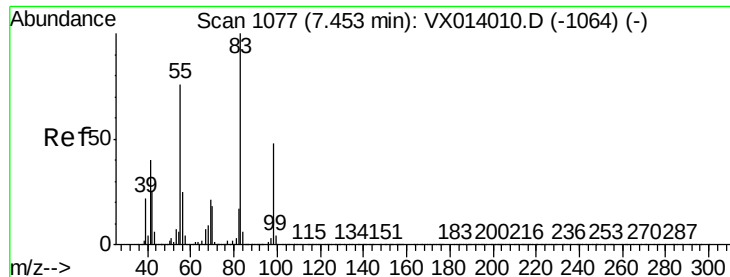
Tot Ion: 43 Resp: 147866
Ion Ratio Lower Upper
43 100
61 14.8 10.8 16.2
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.089 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 117 Resp: 118244
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 29.3 23.6 35.4

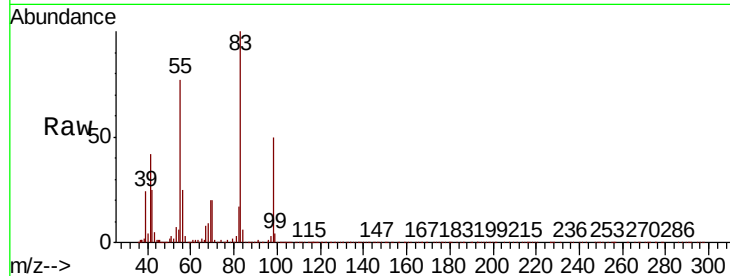




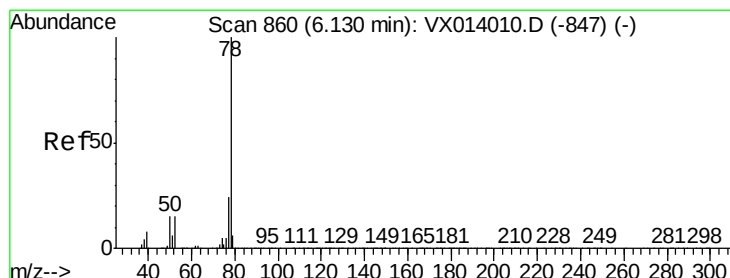
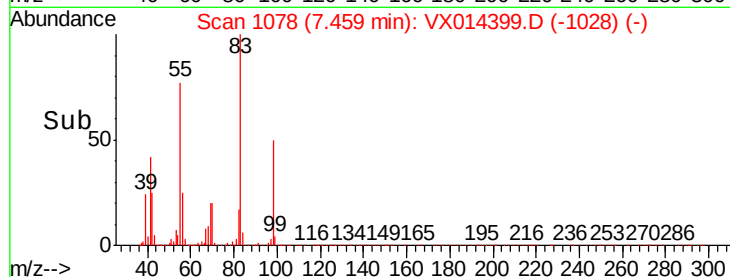
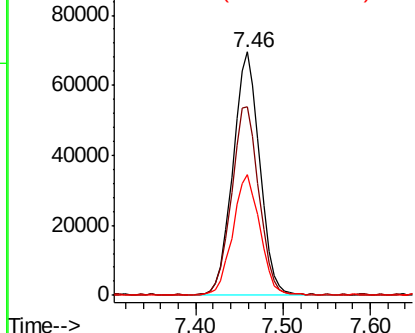
#39
Methylvlcyclohexane
Concen: 17.572 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.0	91.6
98	49.6	38.6	57.8

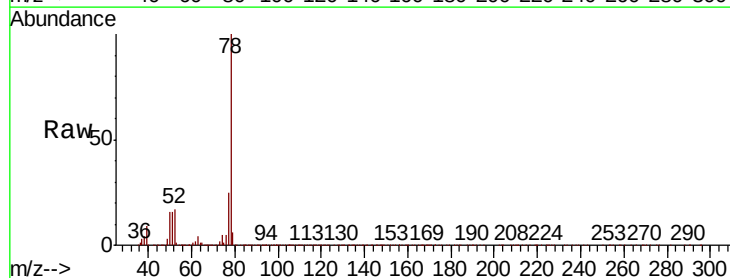


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

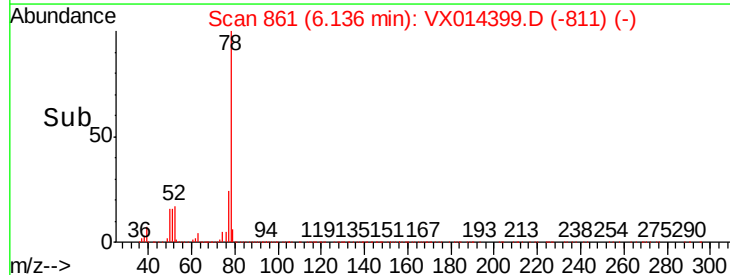
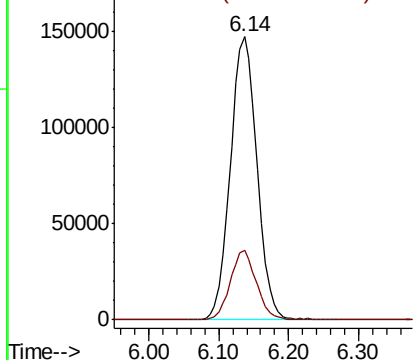


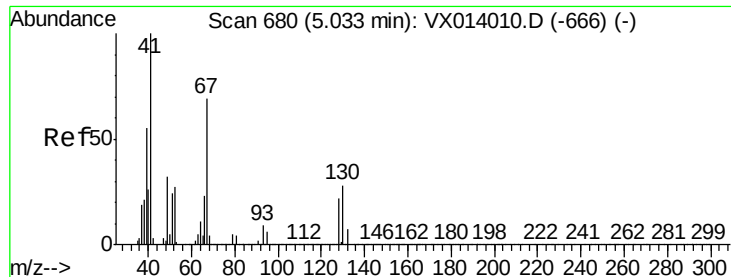
#40
Benzene
Concen: 18.637 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2



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

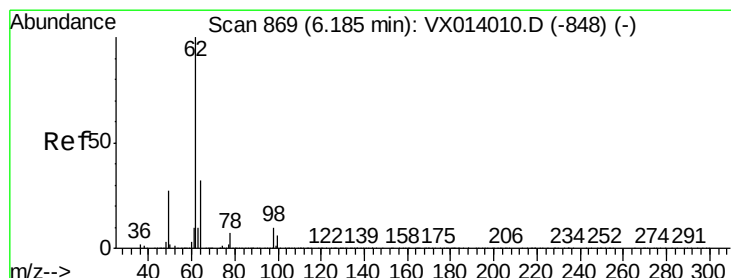
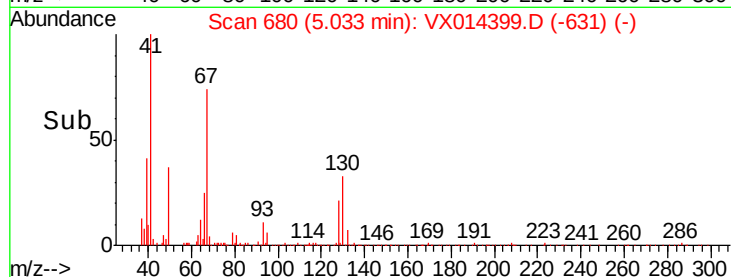
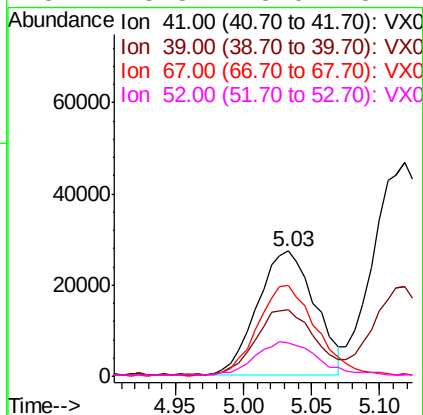
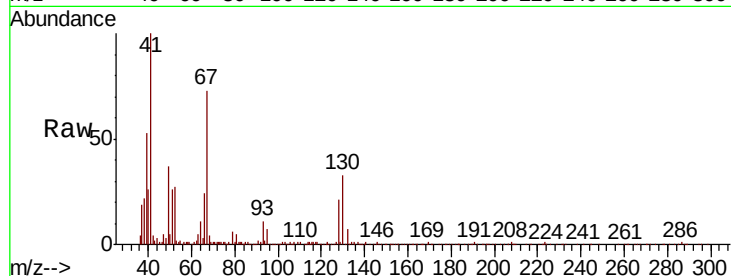




#41
Methacrylonitrile
Concen: 19.340 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

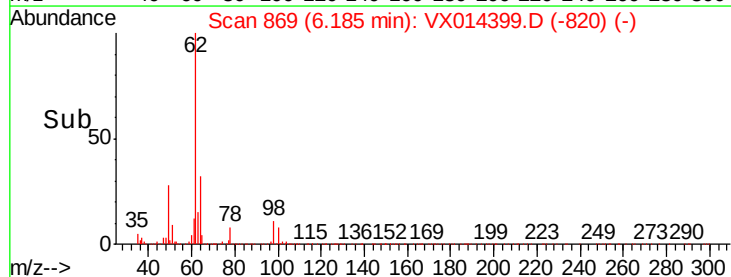
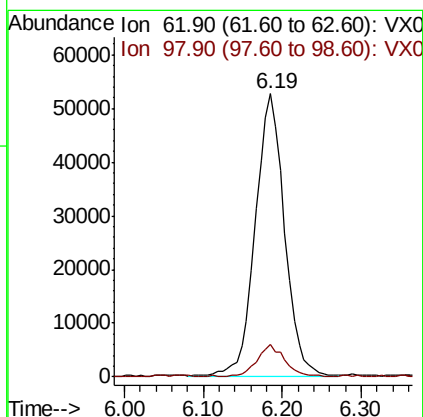
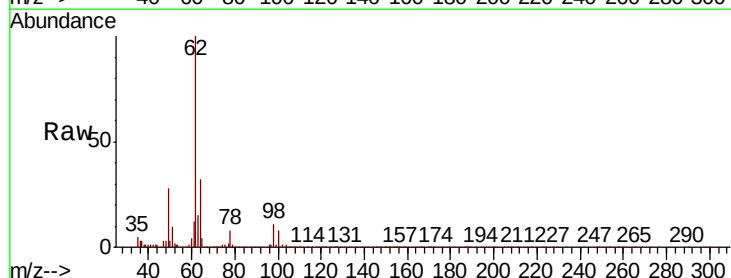
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

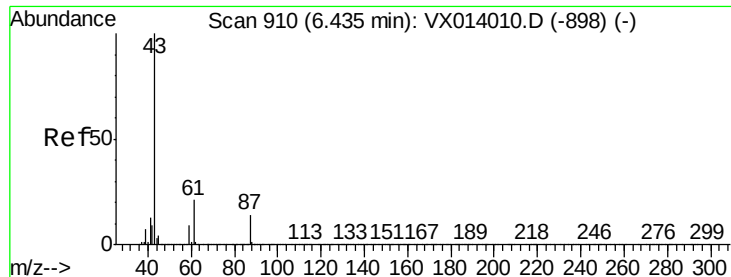
Tot Ion:	41	Resp:	80571
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	74.0	57.4	86.0
52	28.8	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.982 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion:	62	Resp:	134615
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.667 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

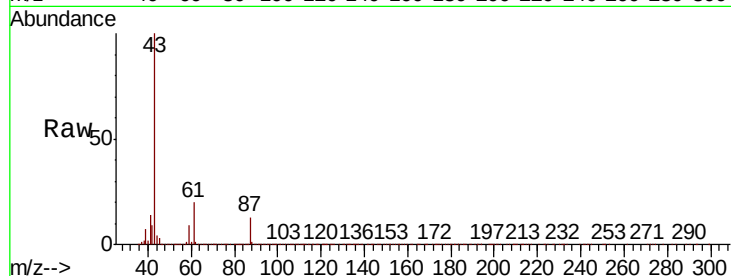
Tot Ion: 43 Resp: 244391

Ion Ratio Lower Upper

43 100

61 21.3 16.4 24.6

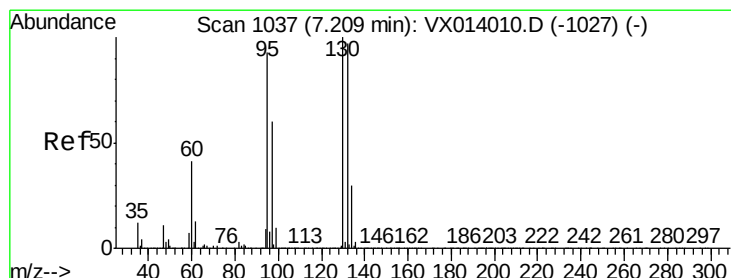
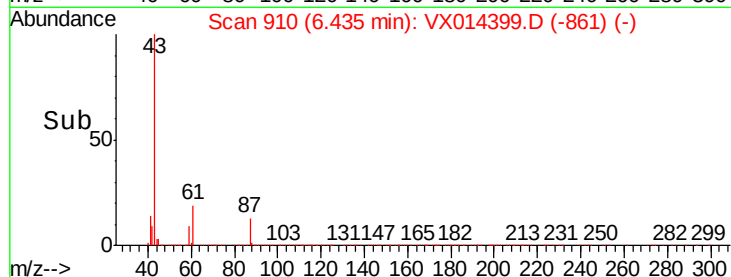
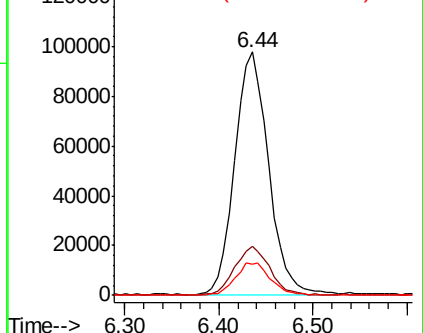
87 14.2 10.7 16.1



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: 18.104 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014399.D

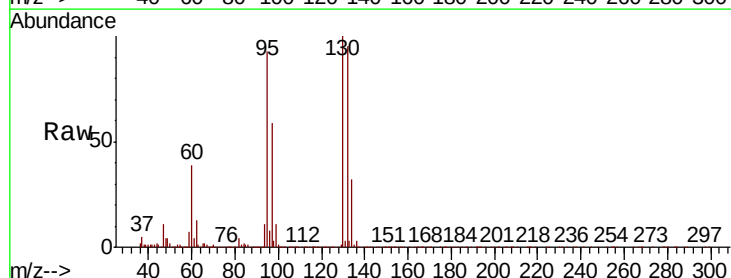
Acq: 03 Jan 2020 14:40

Tgt Ion:130 Resp: 104615

Ion Ratio Lower Upper

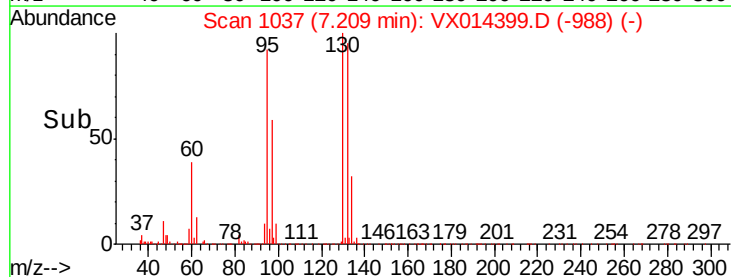
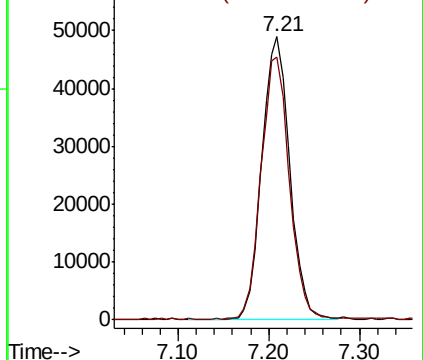
130 100

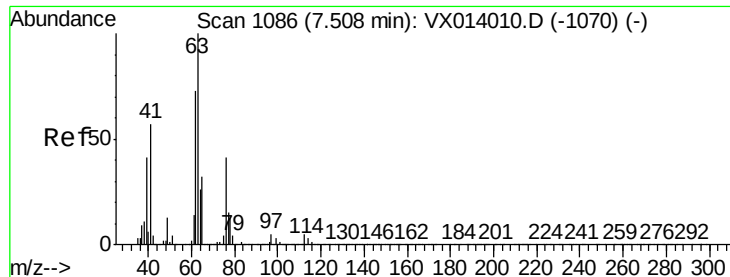
95 92.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

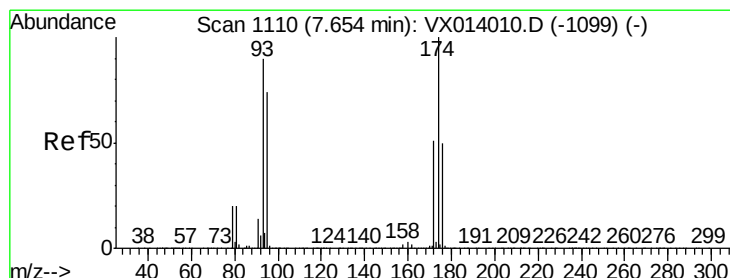
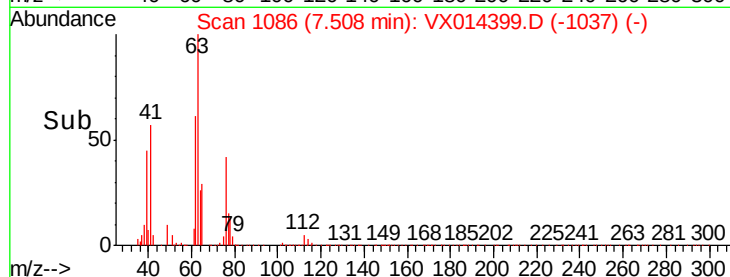
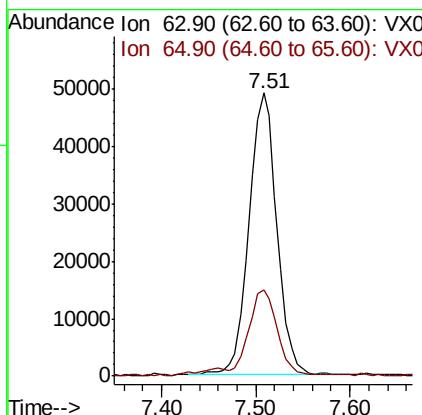
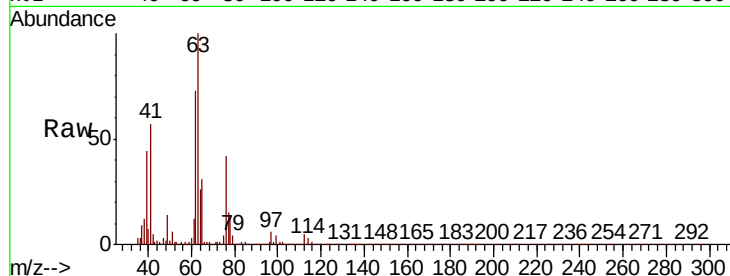




#45
 1,2-Dichloropropane
 Concen: 18.990 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

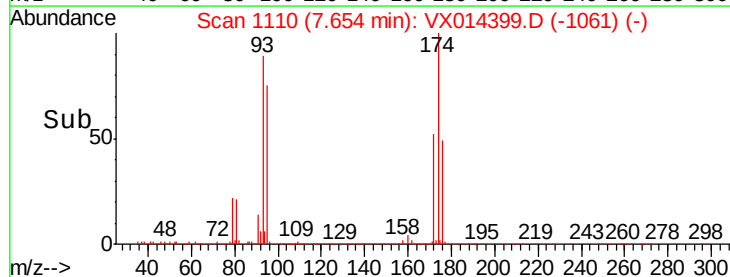
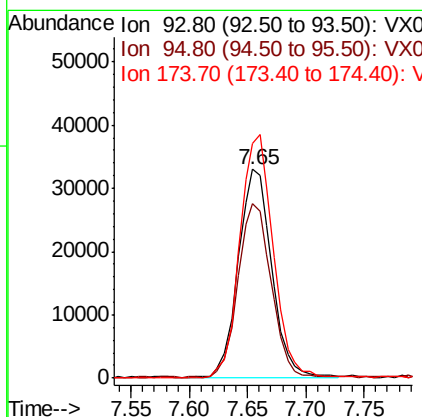
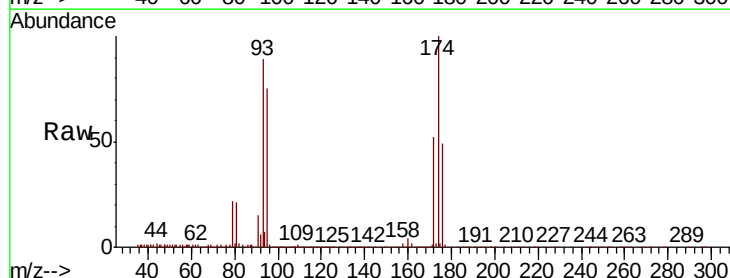
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

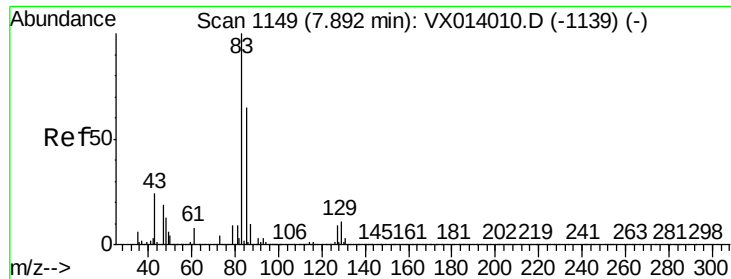
Tot Ion: 63 Resp: 101830
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.8 38.8



#46
 Dibromomethane
 Concen: 18.545 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion: 93 Resp: 65746
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.3 100.9
 174 118.1 91.6 137.4

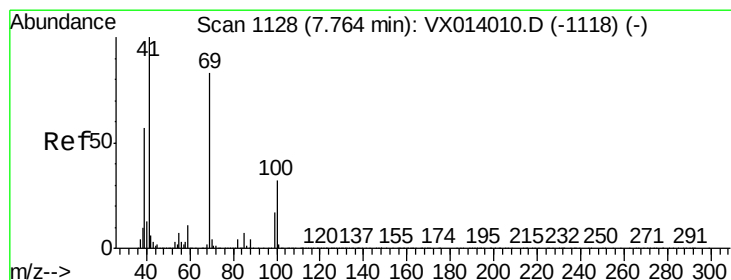
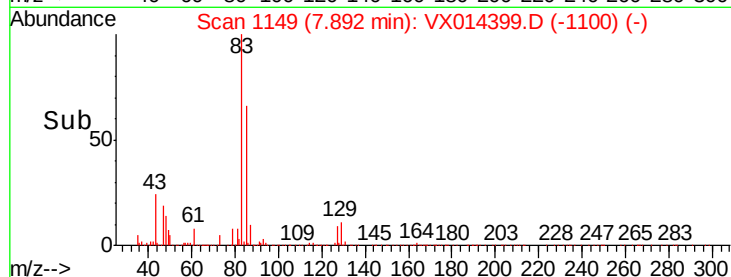
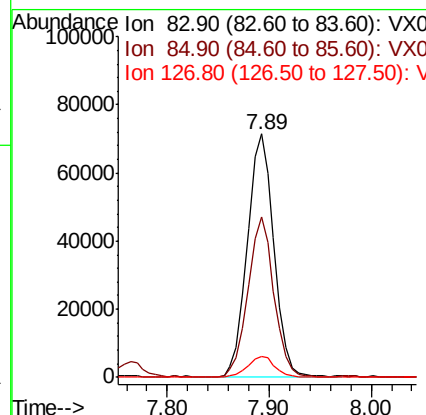
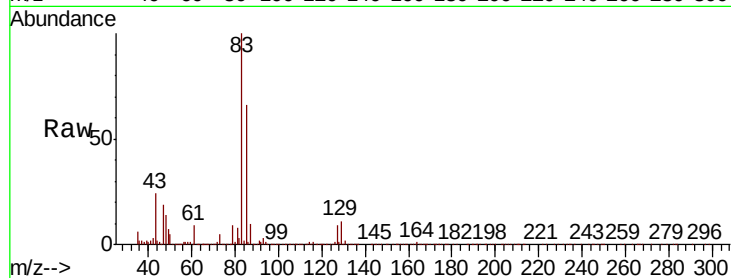




#47
 Bromodichloromethane
 Concen: 19.317 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

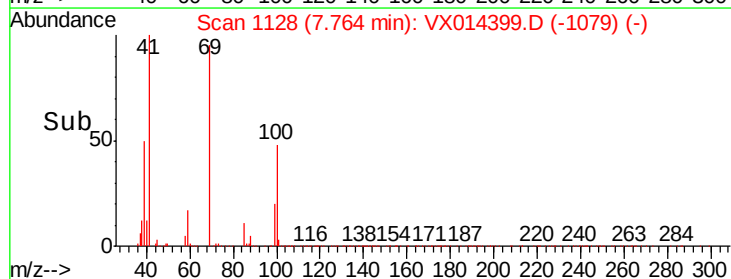
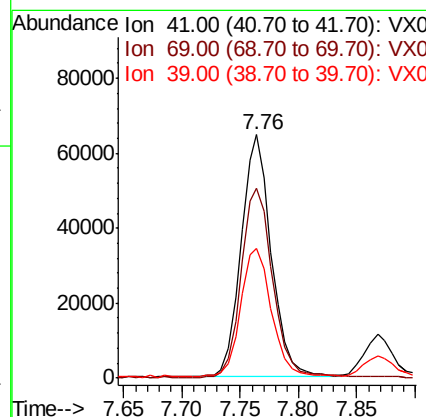
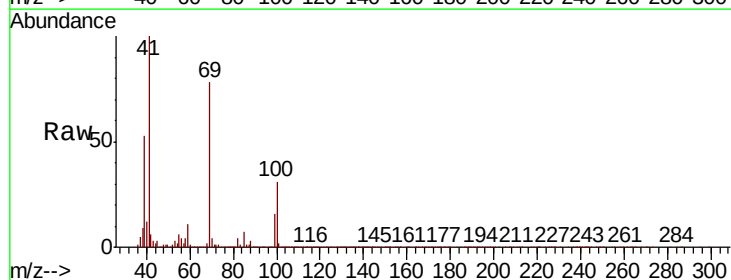
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

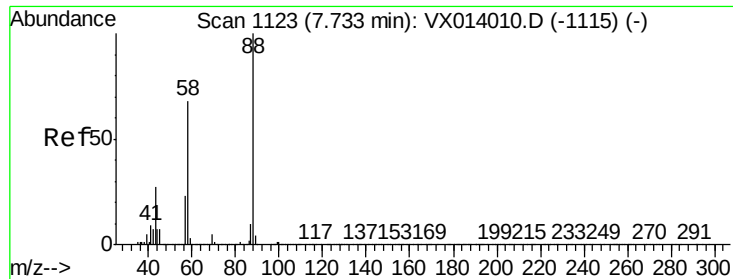
Tot Ion	83	Resp	128980
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.8	77.8
127	8.6	7.0	10.4



#48
 Methyl methacrylate
 Concen: 19.252 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion	41	Resp	117144
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.8	98.6
39	54.6	44.6	67.0





#49

1,4-Dioxane

Concen: 393.704 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

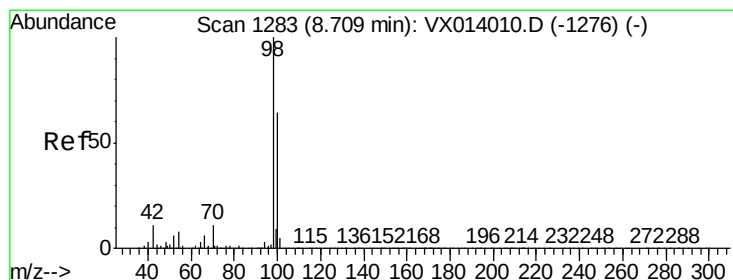
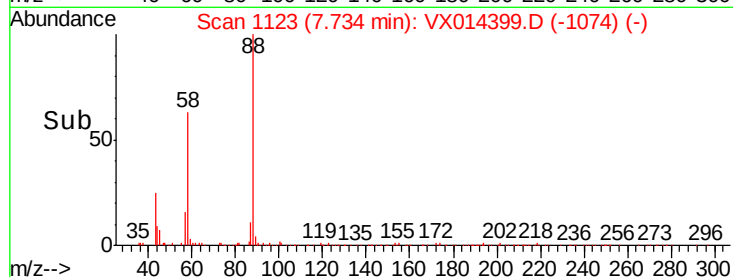
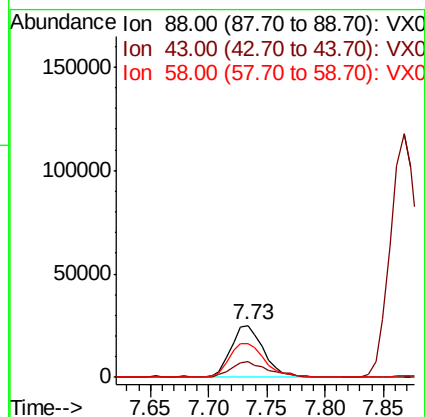
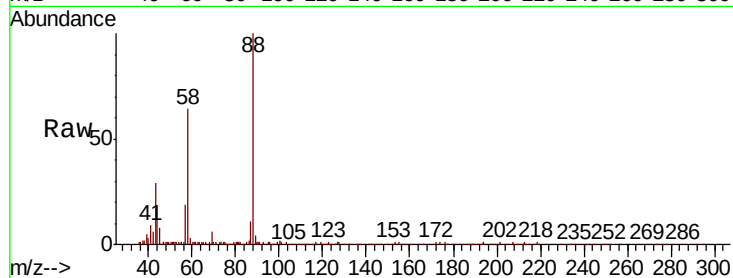
Tot Ion: 88 Resp: 48751

Ion Ratio Lower Upper

88 100

43 33.5 26.5 39.7

58 72.4 56.8 85.2



#50

Toluene-d8

Concen: 49.343 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014399.D

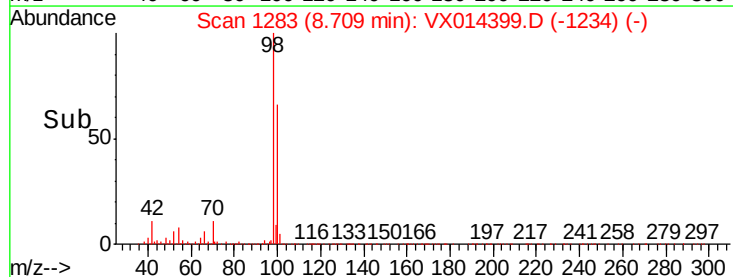
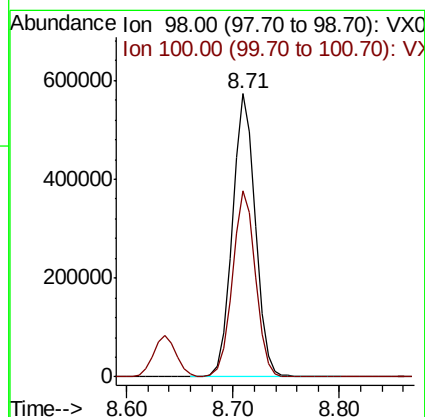
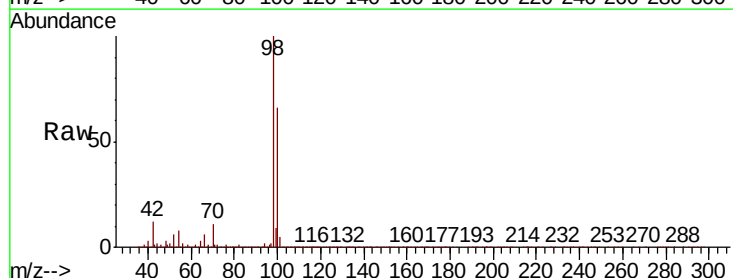
Acq: 03 Jan 2020 14:40

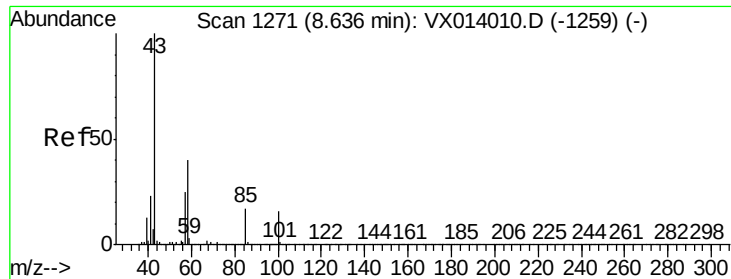
Tgt Ion: 98 Resp: 865362

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 98.937 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

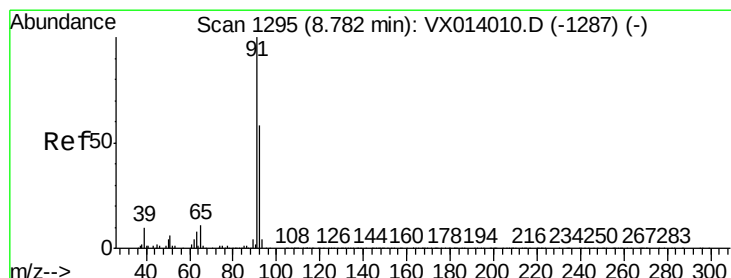
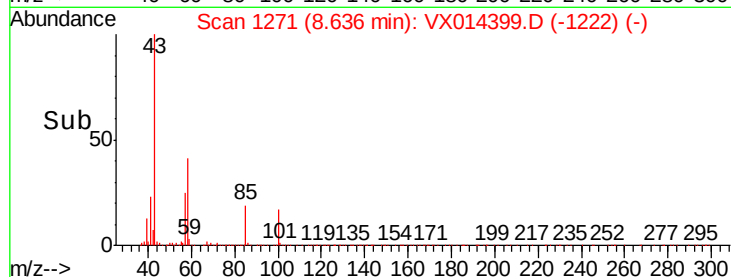
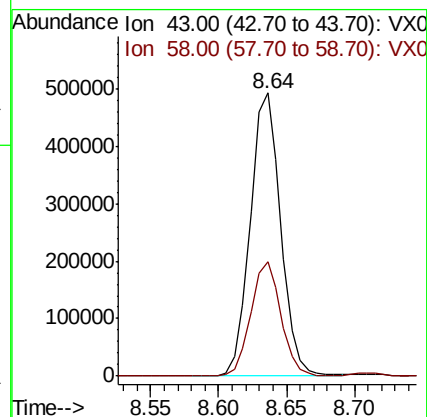
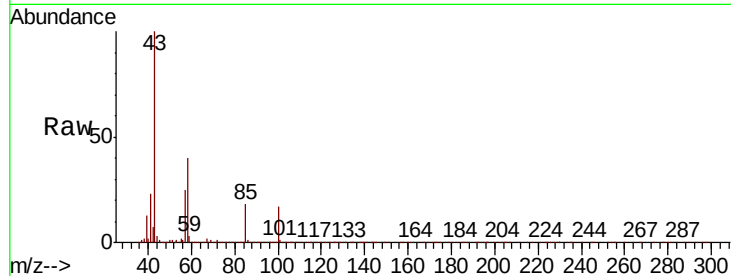
VX0103MBS01

Tot Ion: 43 Resp: 772094

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 18.537 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014399.D

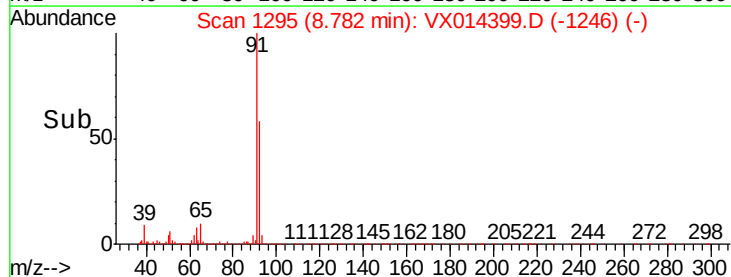
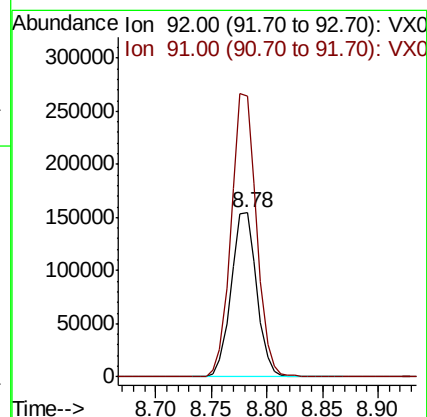
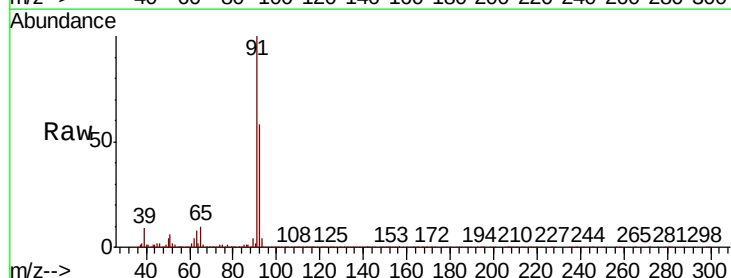
Acq: 03 Jan 2020 14:40

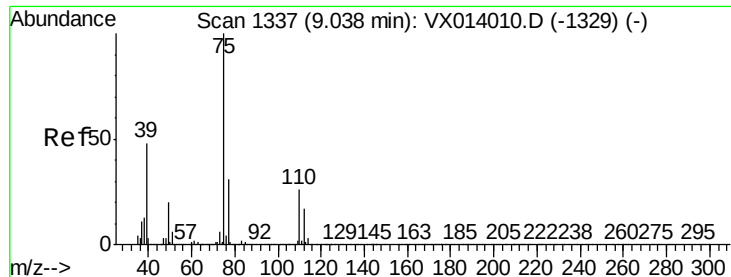
Tgt Ion: 92 Resp: 245130

Ion Ratio Lower Upper

92 100

91 170.7 136.2 204.4

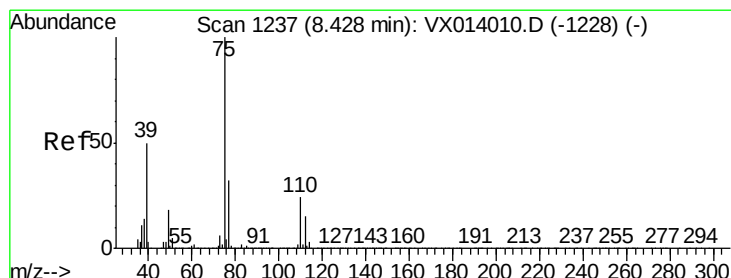
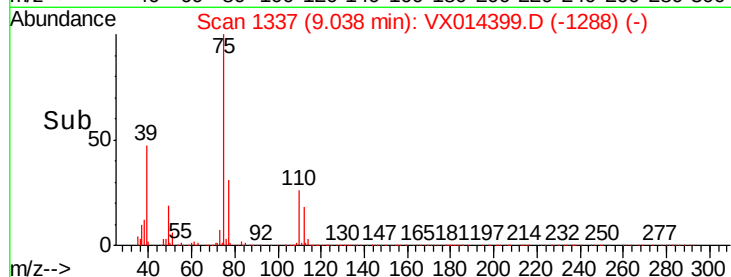
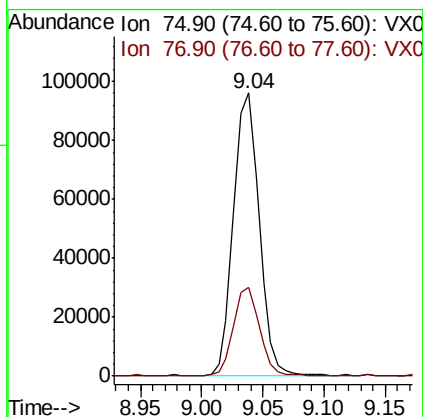
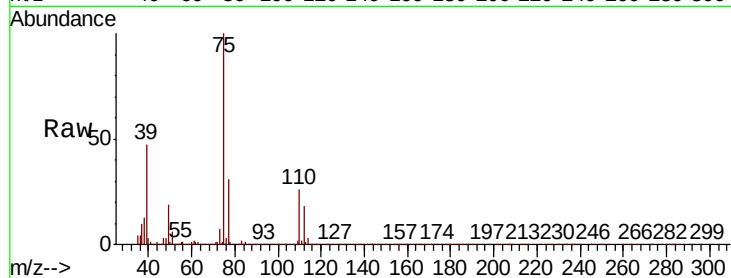




#53
t-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

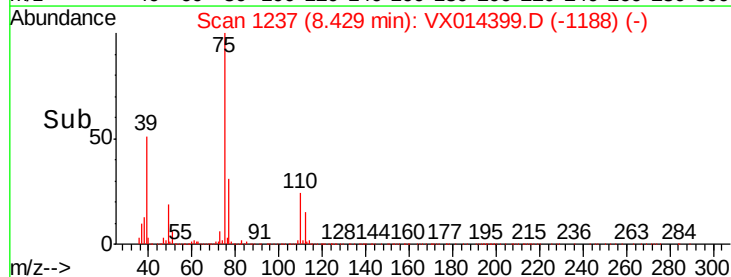
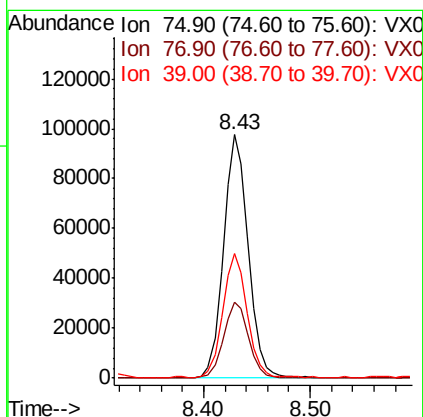
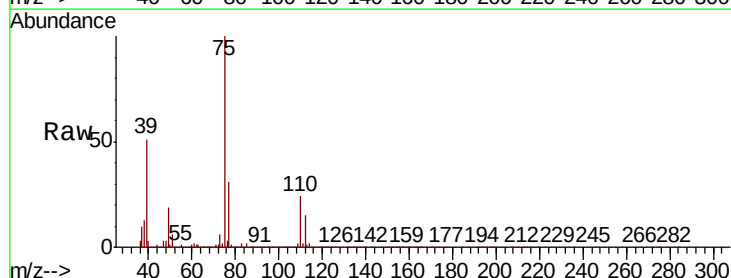
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

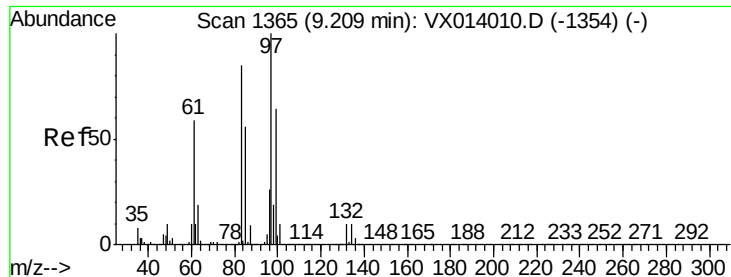
Tot Ion: 75 Resp: 139844
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.299 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 75 Resp: 157411
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 51.5 39.9 59.9

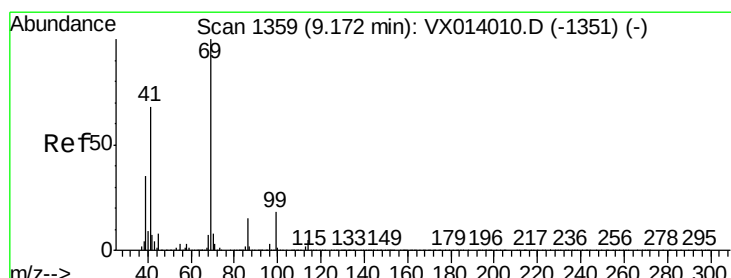
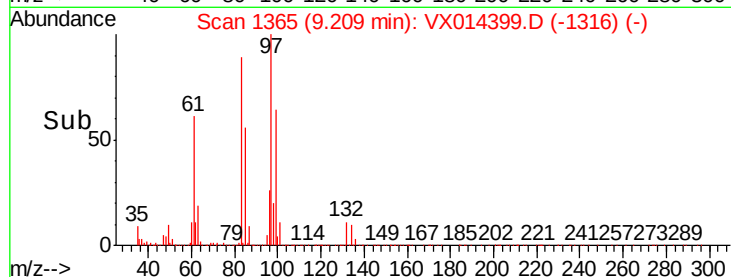
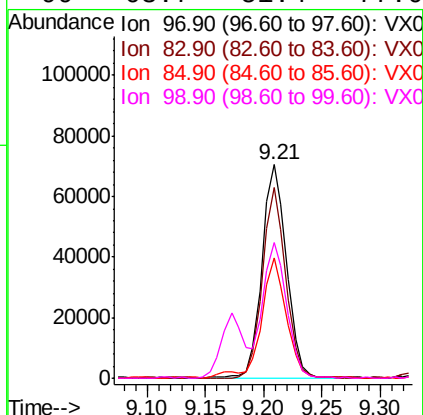
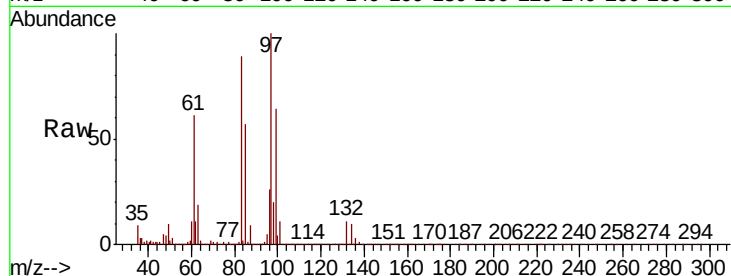




#55
 1,1,2-Trichloroethane
 Concen: 19.249 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

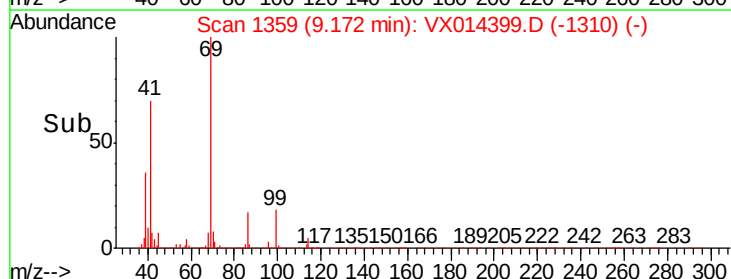
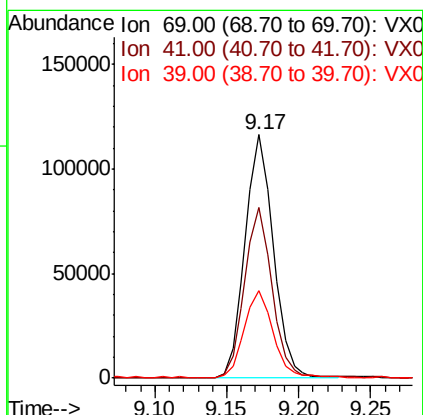
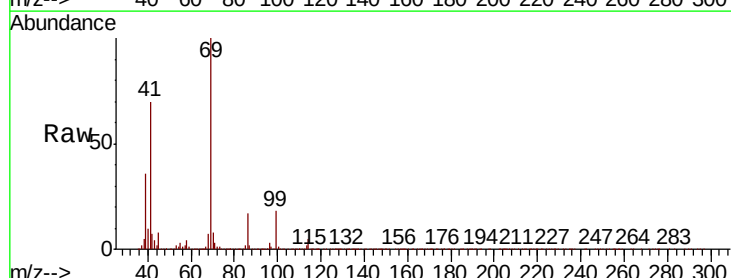
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

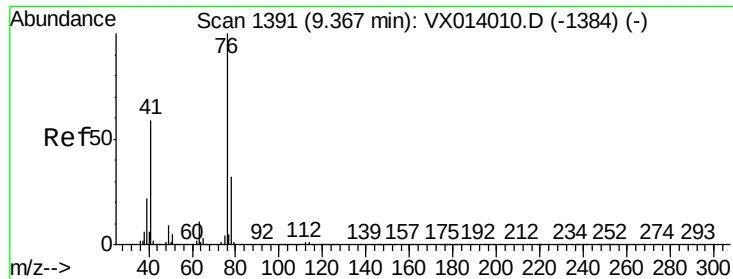
Tot Ion:	97	Resp:	102017
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.4
85	56.3	44.6	66.8
99	63.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.027 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion:	69	Resp:	158400
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	35.7	28.3	42.5

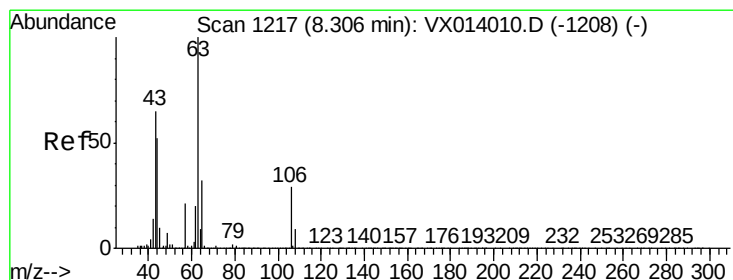
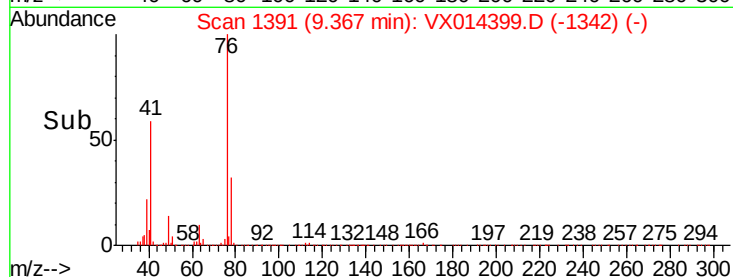
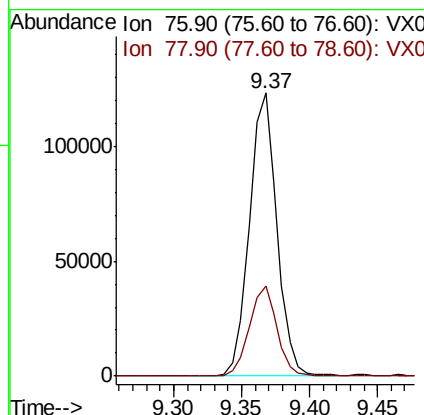
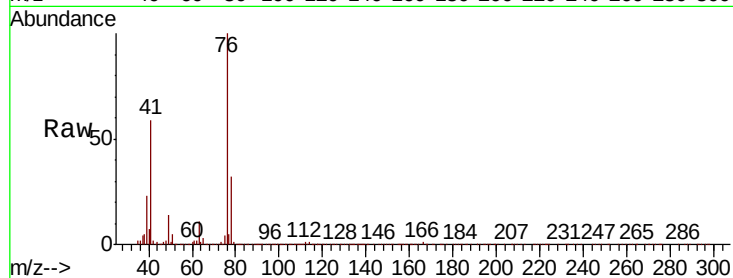




#57
 1,3-Dichloropropane
 Concen: 19.480 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

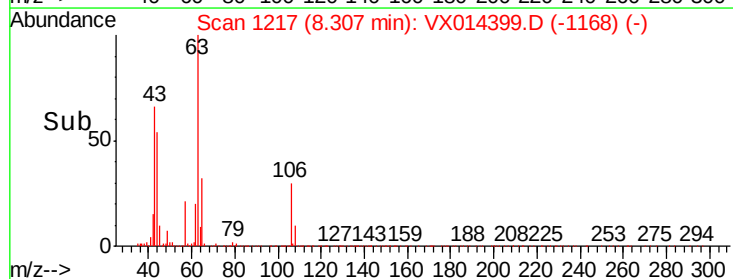
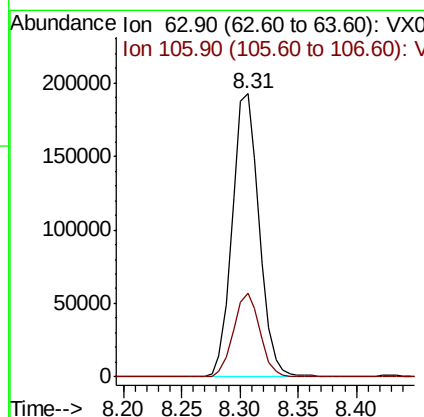
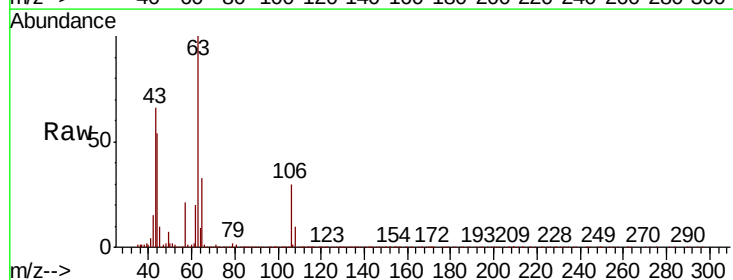
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBSD01

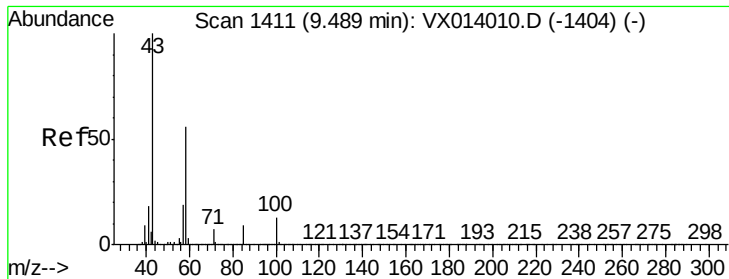
Tot Ion: 76 Resp: 173707
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.417 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion: 63 Resp: 310067
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.0 34.6

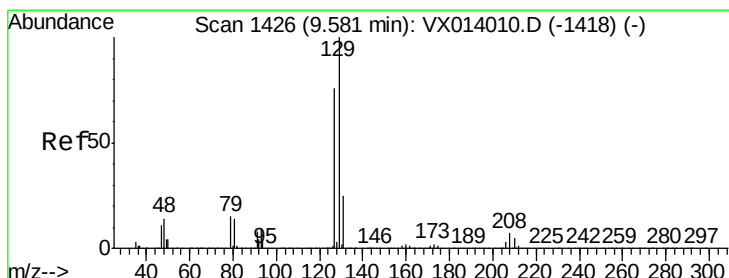
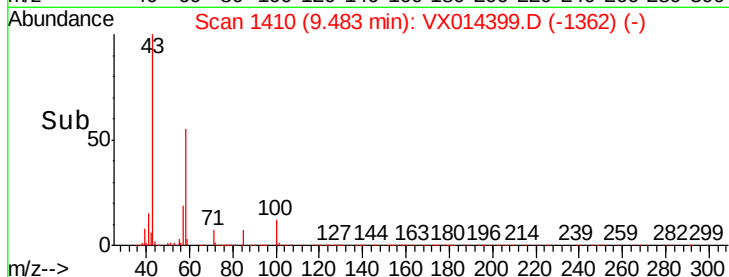
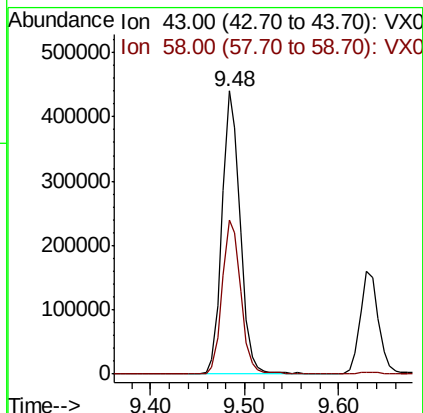
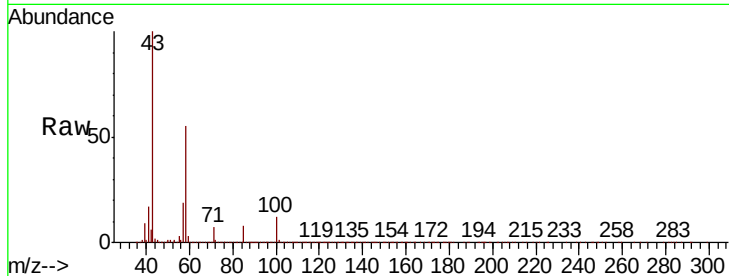




#59
2-Hexanone
Concen: 93.428 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

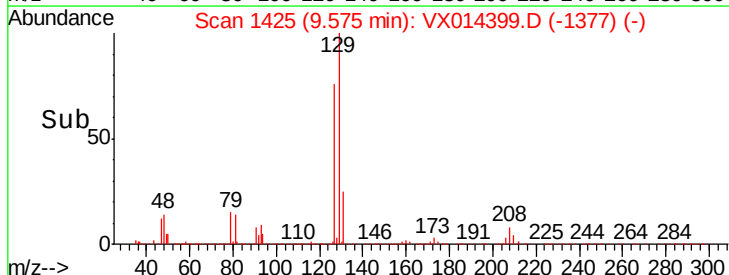
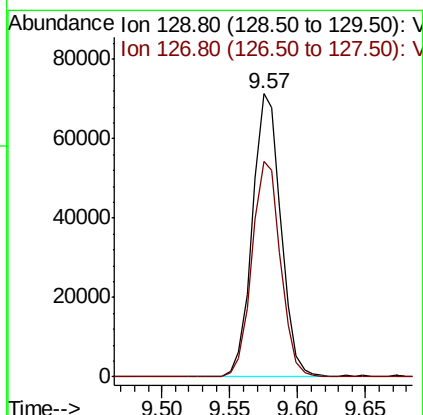
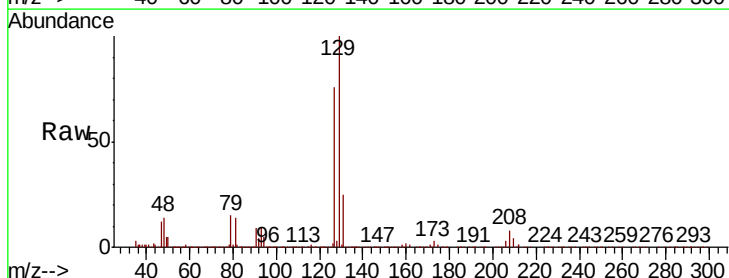
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBSD01

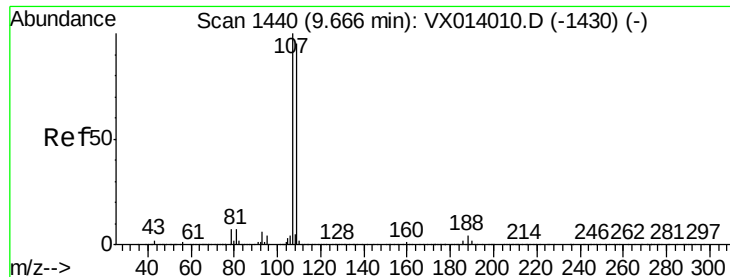
Tot Ion: 43 Resp: 586929
Ion Ratio Lower Upper
43 100
58 56.0 28.0 84.0



#60
Dibromochloromethane
Concen: 19.906 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 129 Resp: 104868
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.531 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

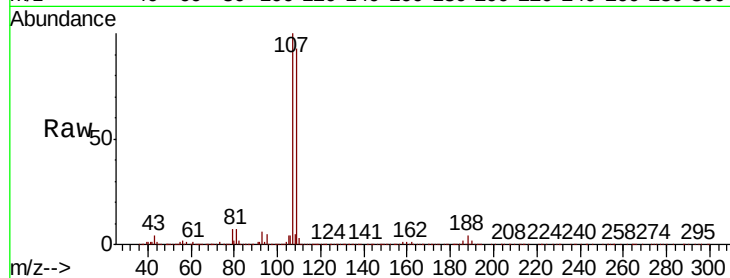
VX0103MBSD01

Tot Ion: 107 Resp: 105911

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

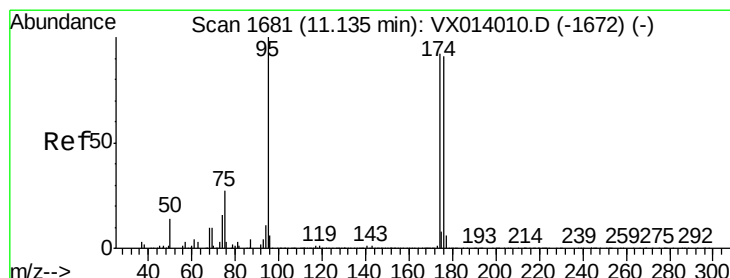
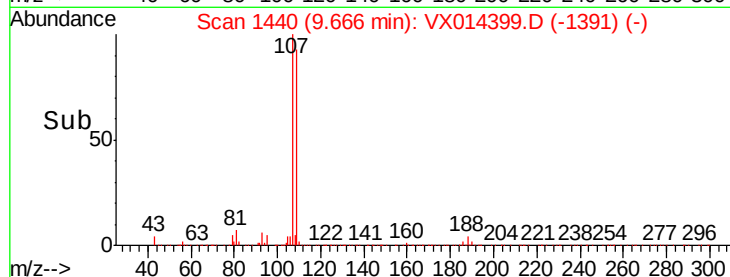
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.170 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

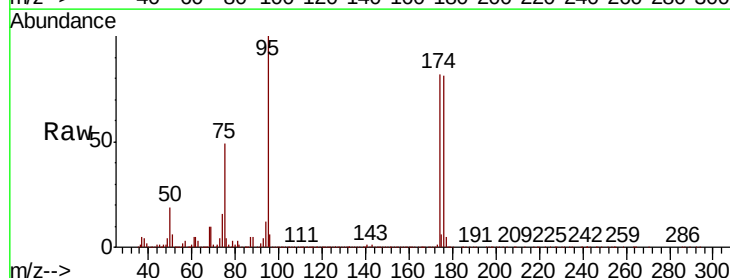
Tgt Ion: 95 Resp: 302403

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

176 88.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

250000

200000

150000

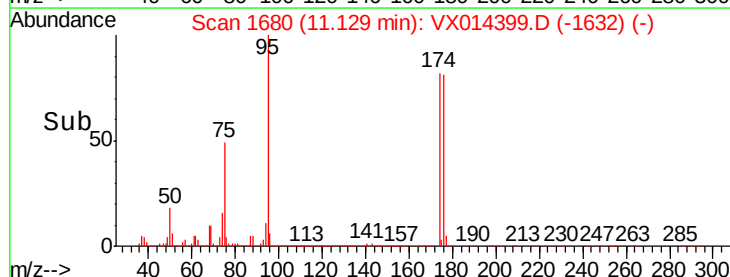
100000

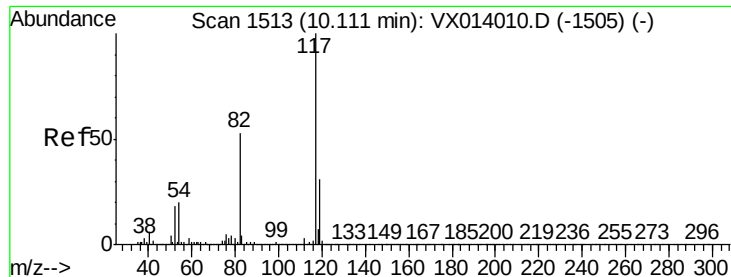
50000

0

11.05 11.10 11.15 11.20

Time-->

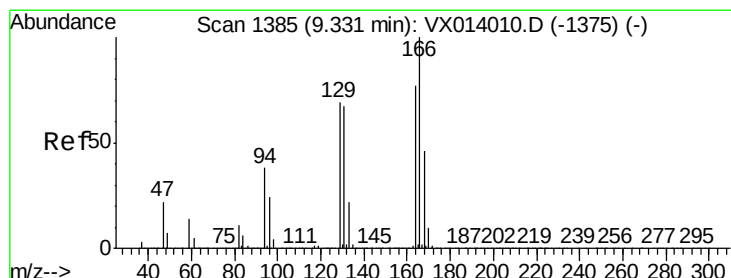
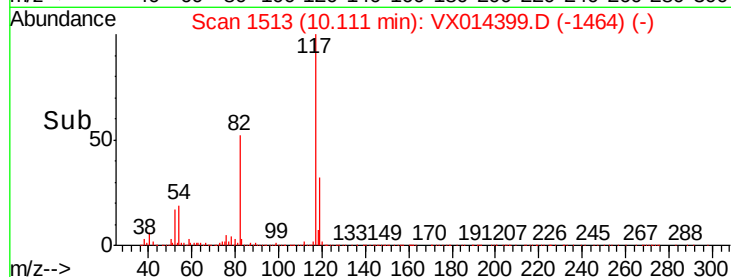
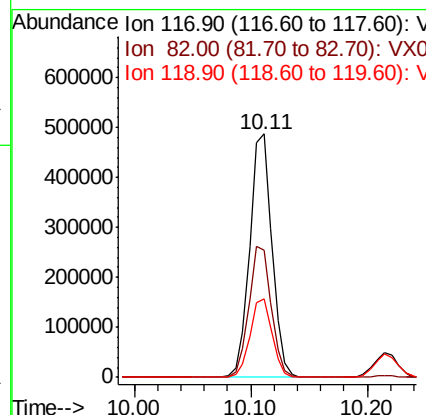
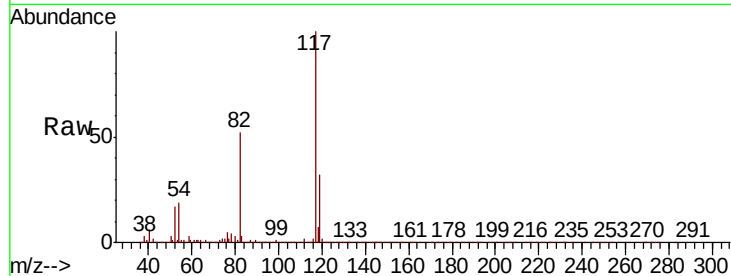




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

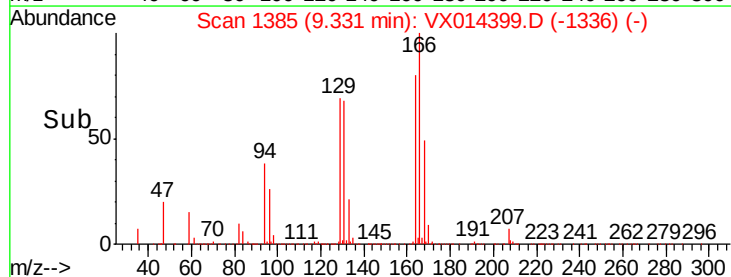
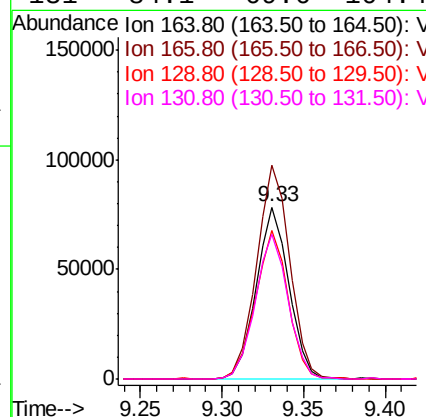
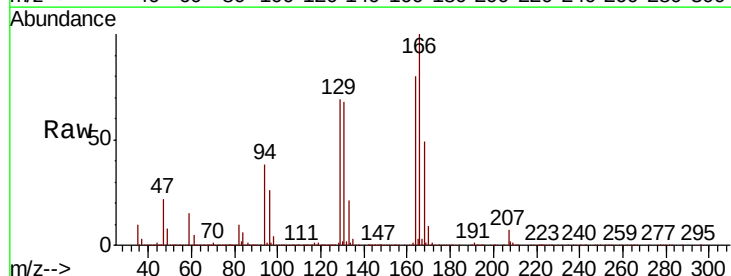
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

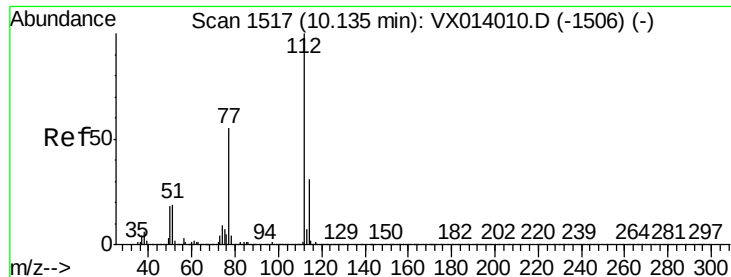
Tot Ion:117 Resp: 654239
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 18.774 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion:164 Resp: 108689
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 86.3 72.2 108.4
131 84.1 69.6 104.4

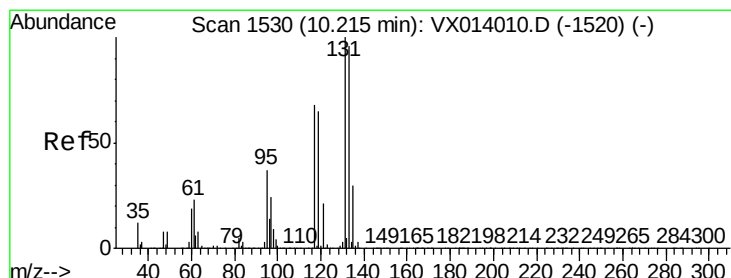
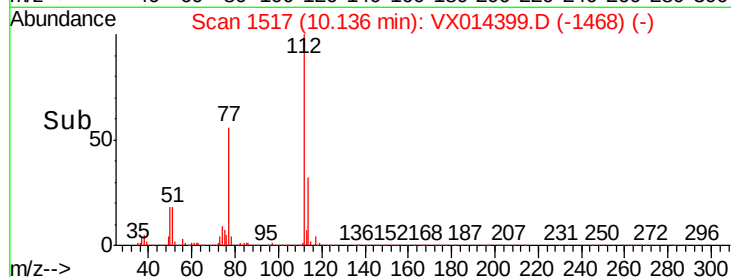
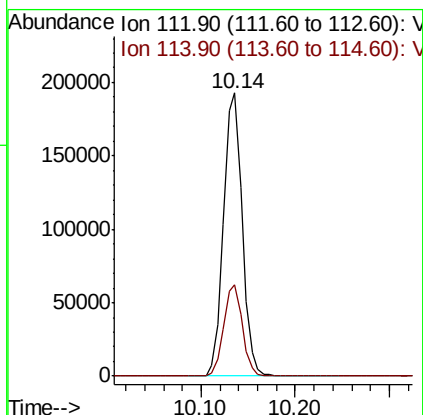
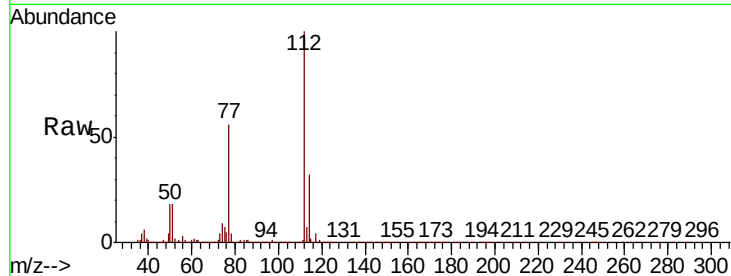




#65
Chlorobenzene
Concen: 19.122 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

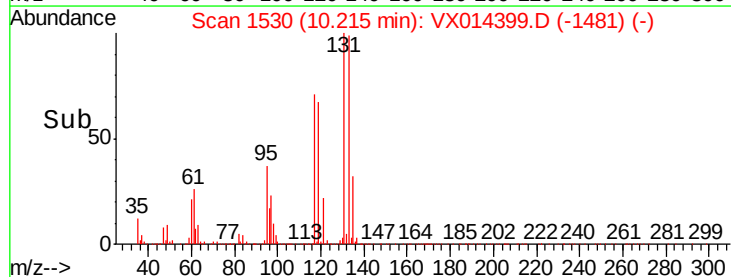
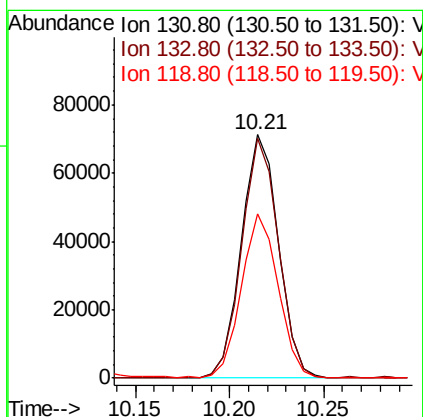
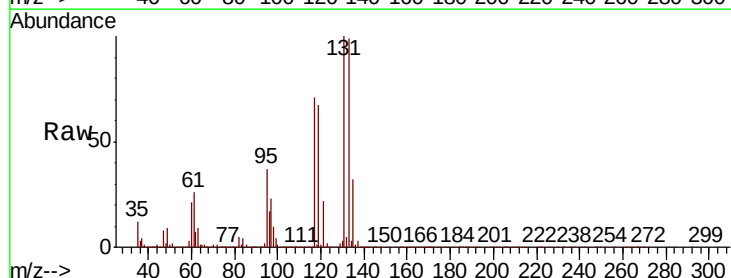
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBSD01

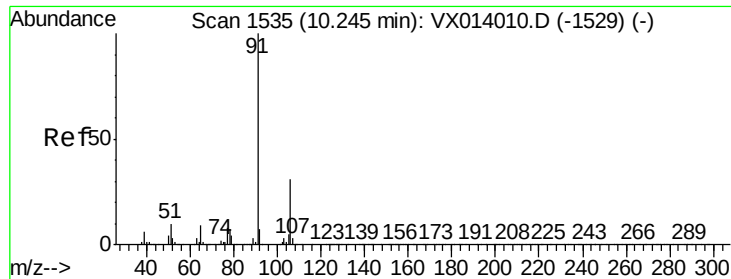
Tot Ion:112 Resp: 266007
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion:131 Resp: 97009
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 67.0 33.4 100.2

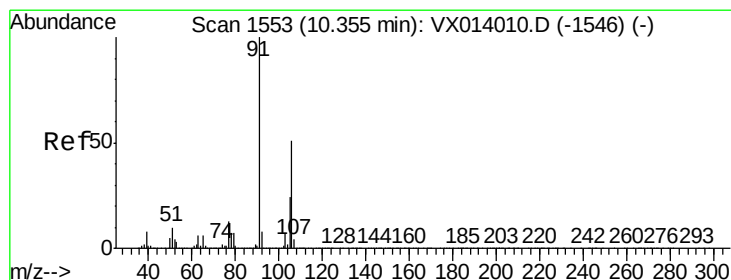
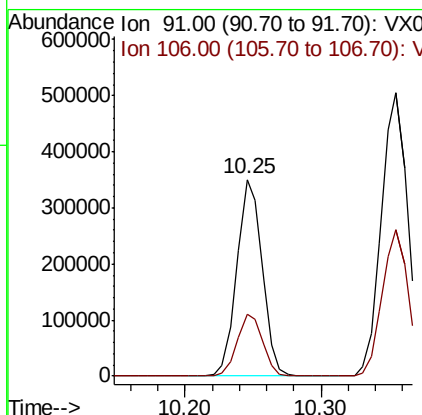
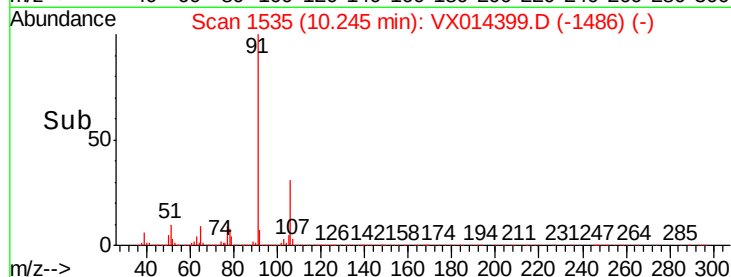
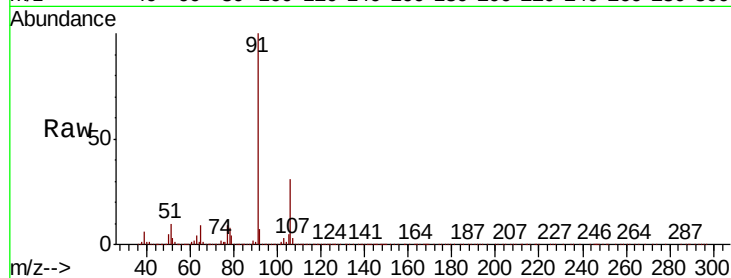




#67
Ethyl Benzene
Concen: 19.038 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

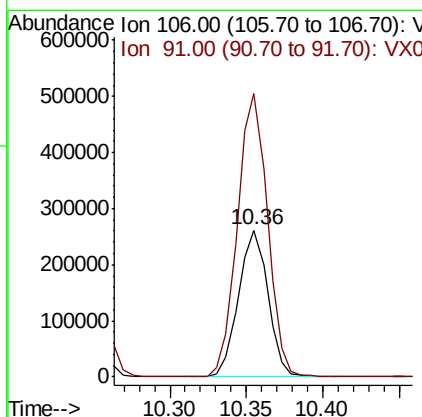
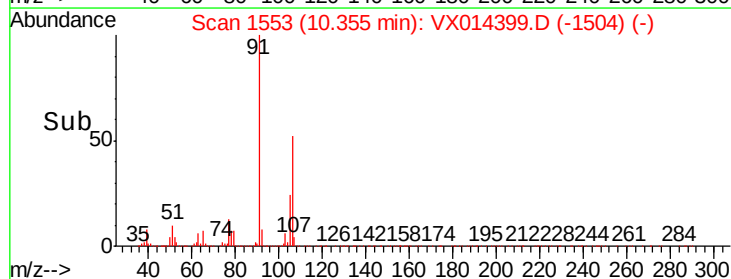
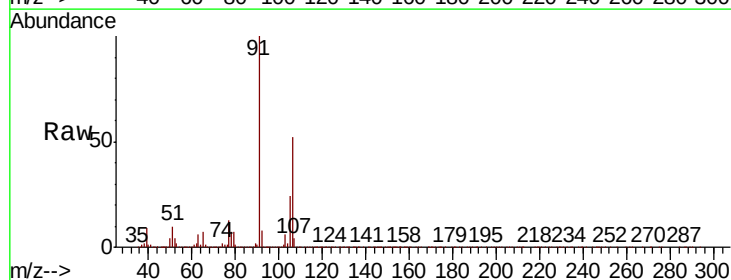
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

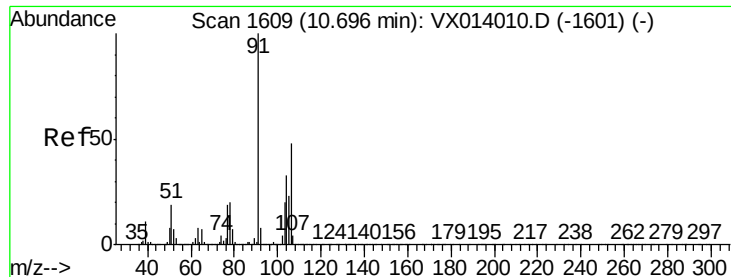
Tot Ion: 91 Resp: 455312
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 37.980 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 106 Resp: 349350
Ion Ratio Lower Upper
106 100
91 197.1 158.6 238.0

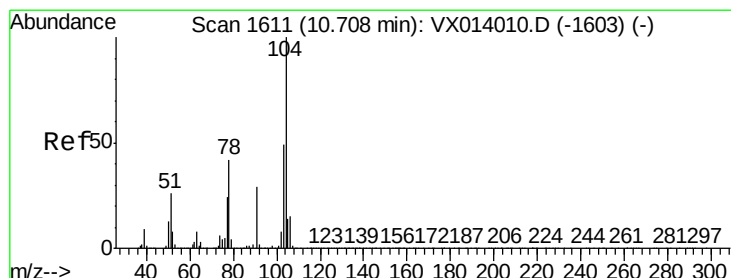
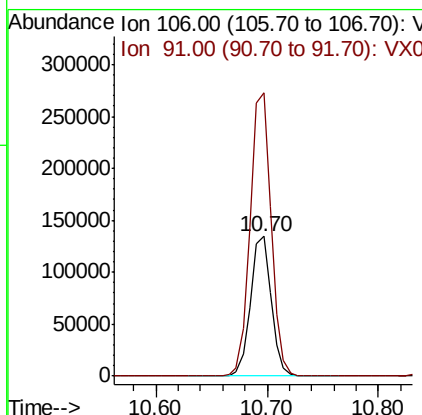
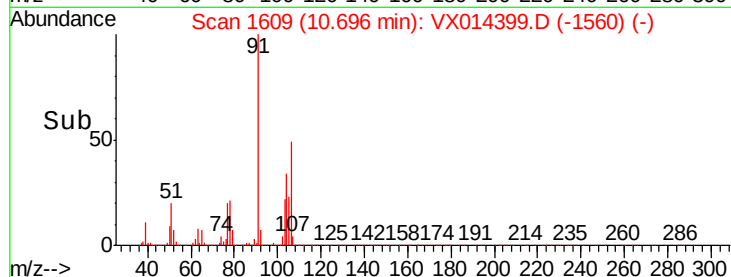
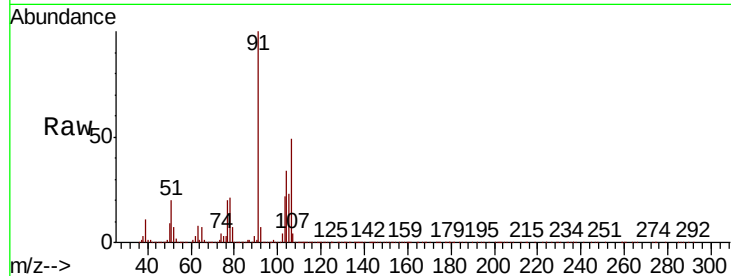




#69
o-Xylene
Concen: 19.213 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

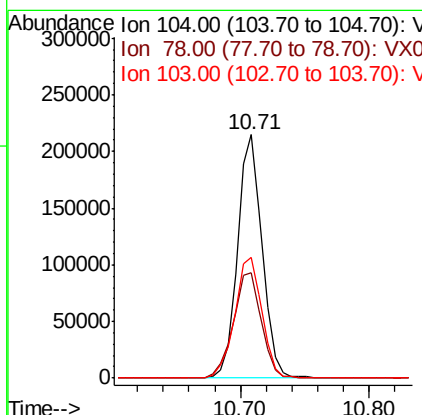
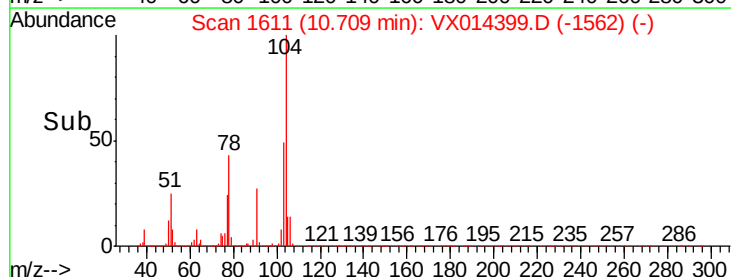
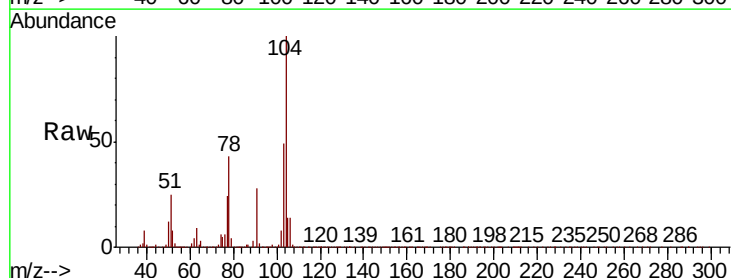
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

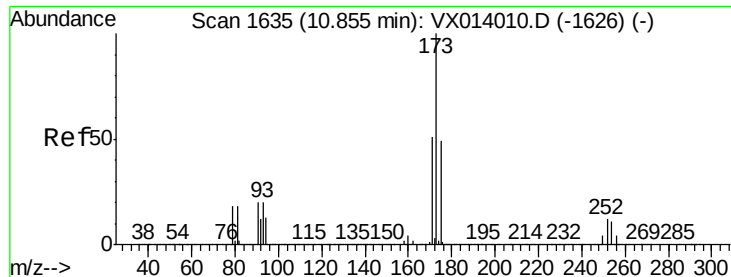
Tot Ion:106 Resp: 173327
Ion Ratio Lower Upper
106 100
91 206.6 104.2 312.6



#70
Styrene
Concen: 18.522 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion:104 Resp: 282552
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 55.5 42.9 64.3





#71

Bromoform

Concen: 19.617 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

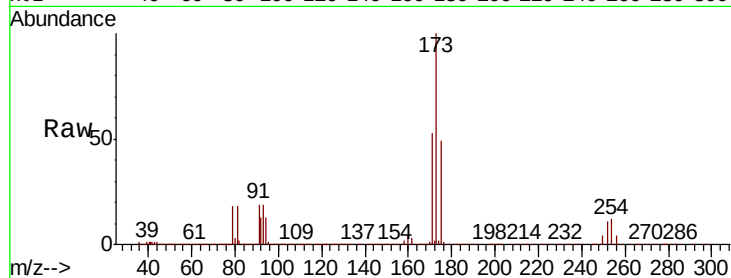
Tot Ion:173 Resp: 78324

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.4

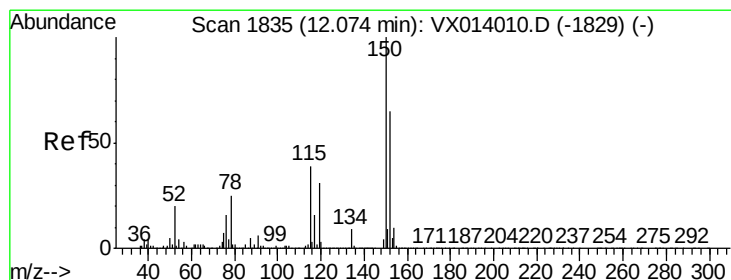
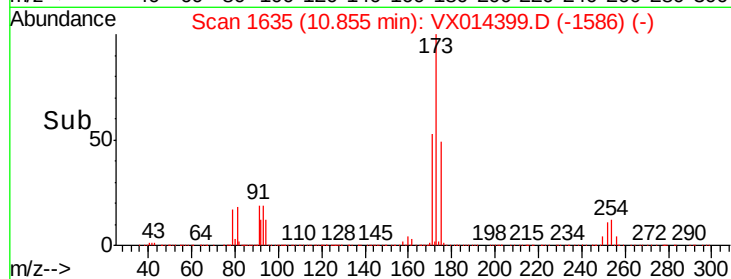
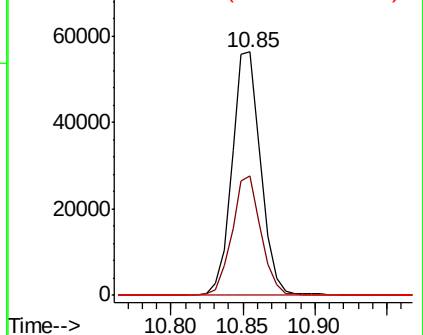
254 0.3 0.2 0.2#



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: VX014399.D

Acq: 03 Jan 2020 14:40

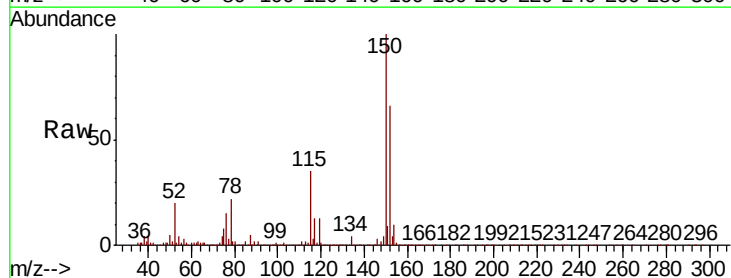
Tgt Ion:152 Resp: 321165

Ion Ratio Lower Upper

152 100

115 62.9 38.3 114.9

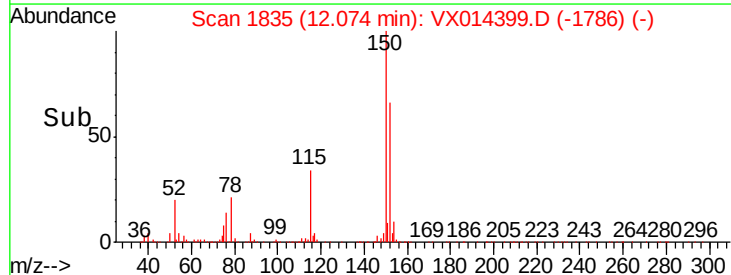
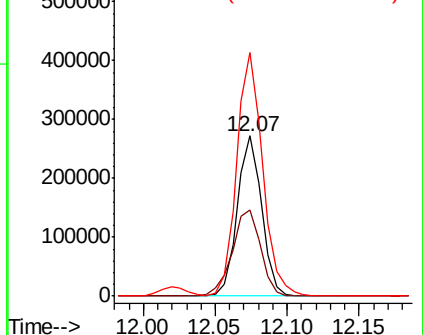
150 161.3 0.0 345.4

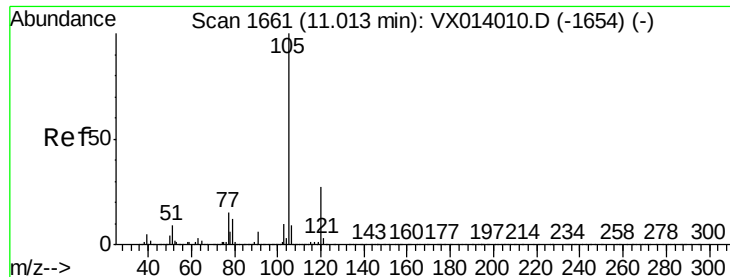


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.104 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

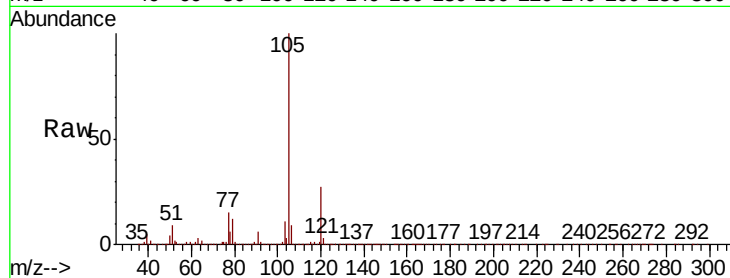
VX0103MBSD01

Tot Ion:105 Resp: 454612

Ion Ratio Lower Upper

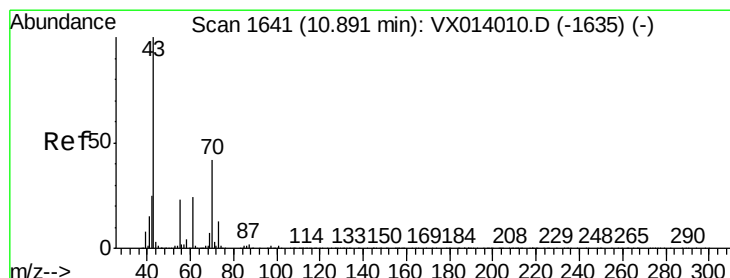
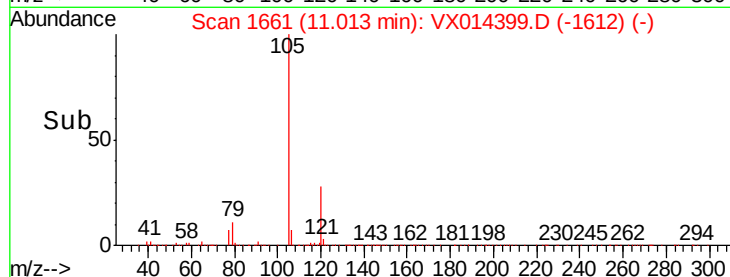
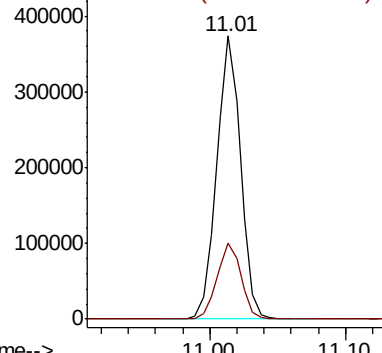
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.081 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Tgt Ion: 43 Resp: 202242

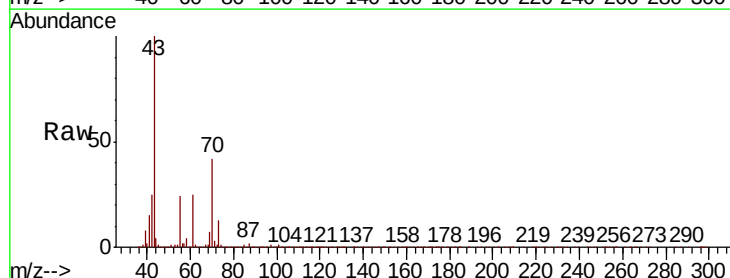
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.7 19.1 28.7

61 25.1 19.7 29.5

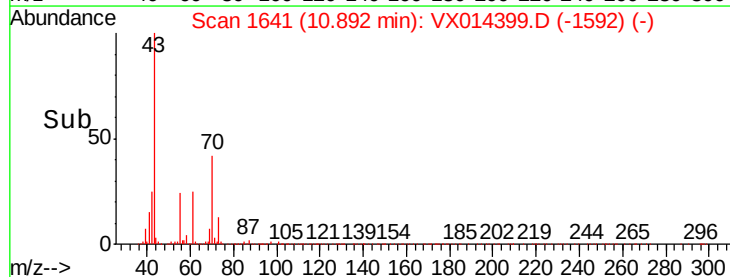
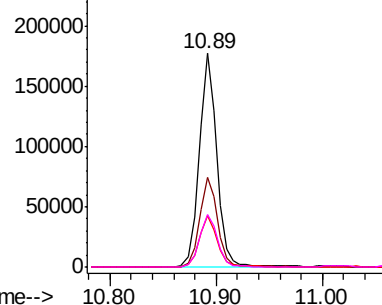


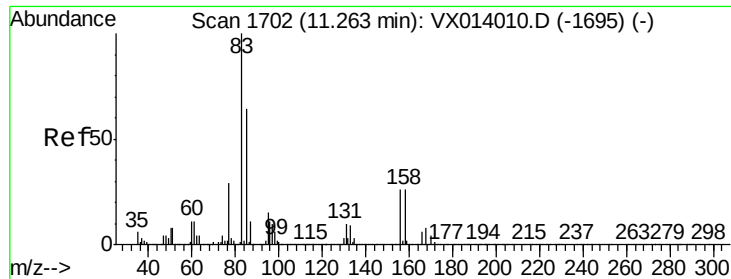
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.081 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

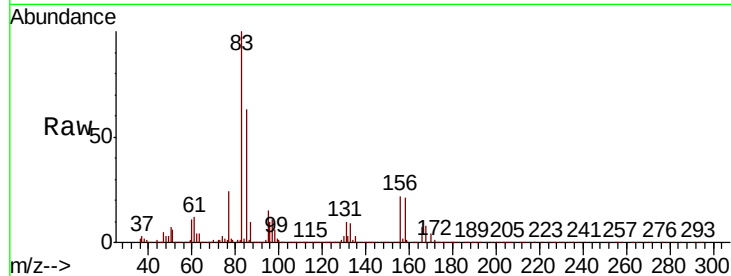
Tot Ion: 83 Resp: 157427

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

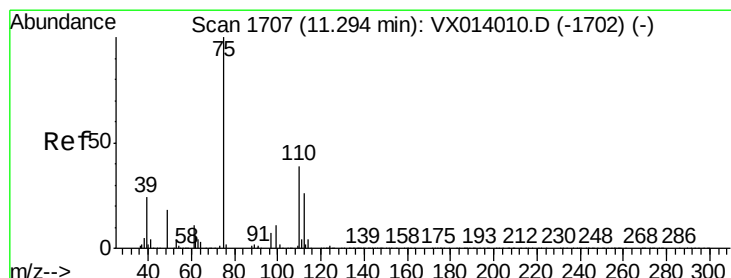
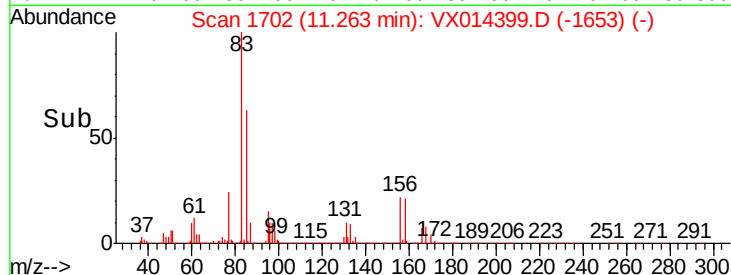
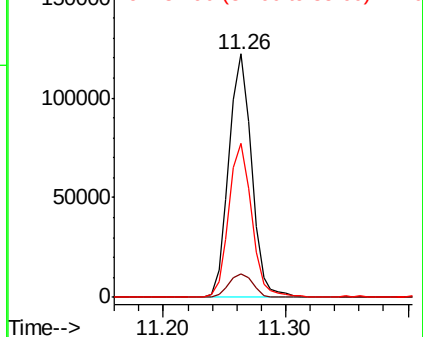
85 63.5 31.9 95.7



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: 24.880 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014399.D

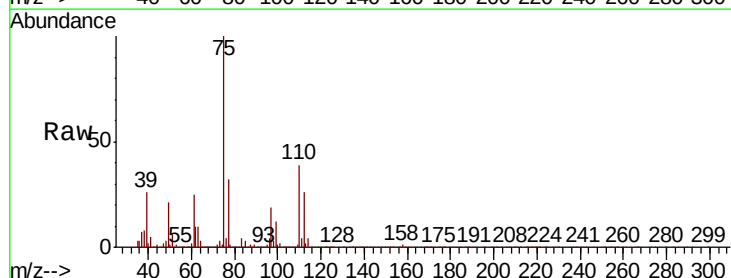
Acq: 03 Jan 2020 14:40

Tgt Ion: 75 Resp: 173471

Ion Ratio Lower Upper

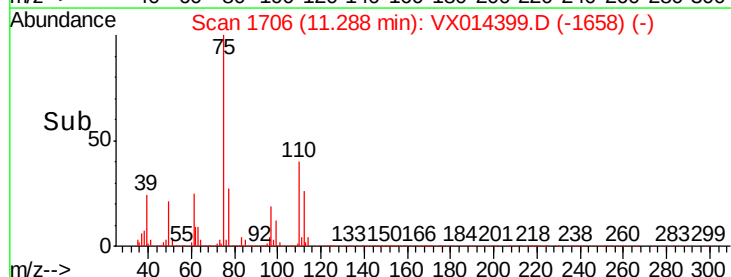
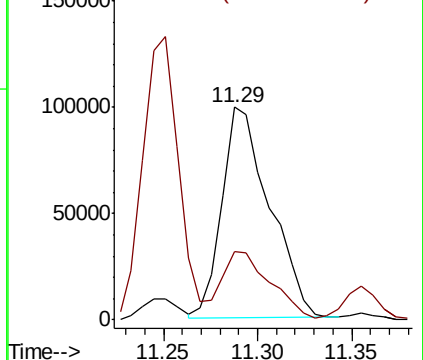
75 100

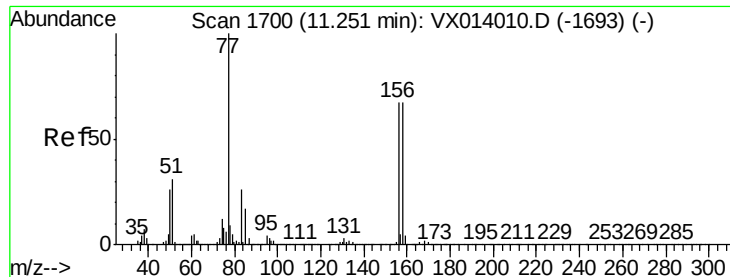
77 33.7 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.953 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

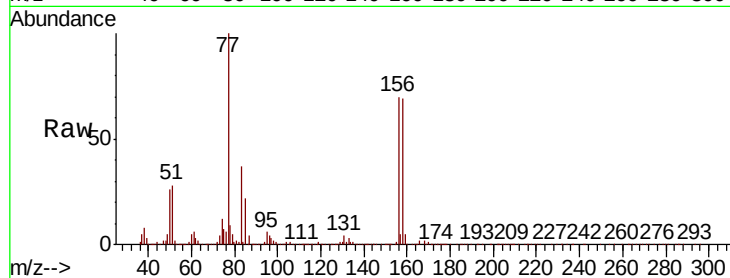
Tot Ion:156 Resp: 117914

Ion Ratio Lower Upper

156 100

77 149.1 76.5 229.5

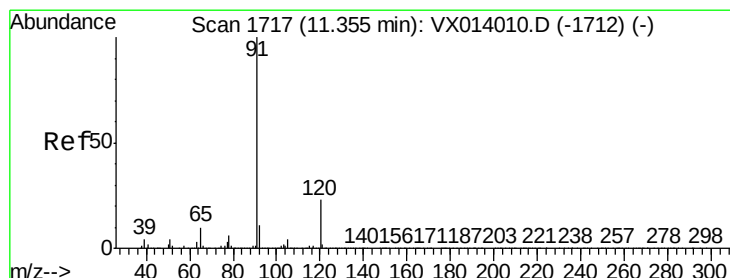
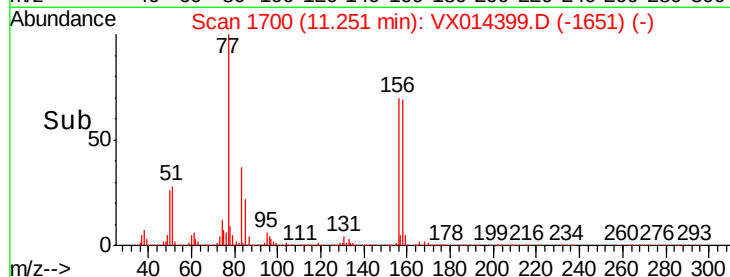
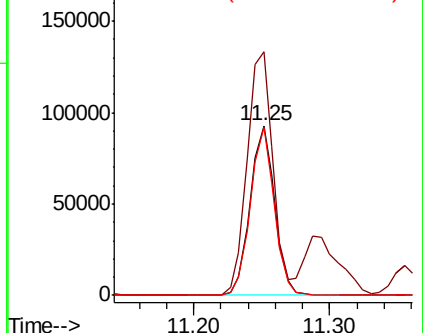
158 96.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.651 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014399.D

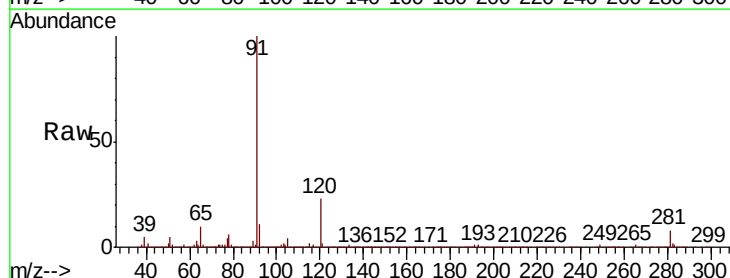
Acq: 03 Jan 2020 14:40

Tgt Ion: 91 Resp: 498434

Ion Ratio Lower Upper

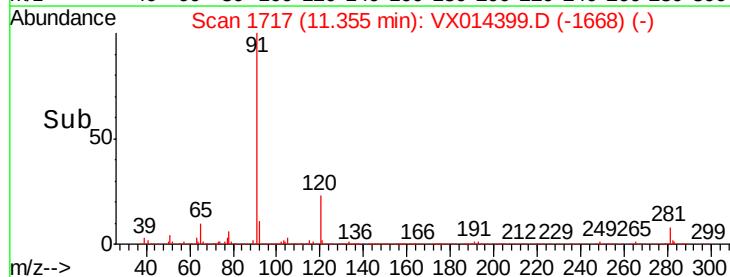
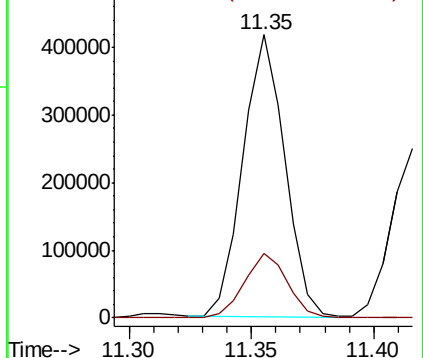
91 100

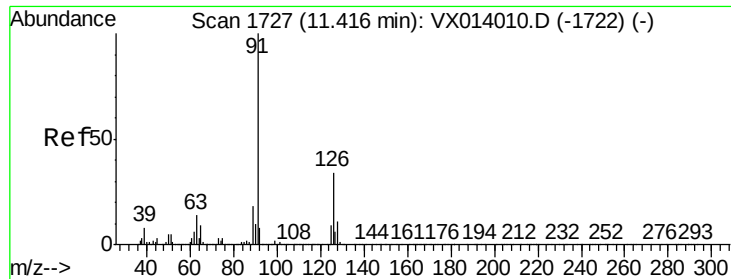
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

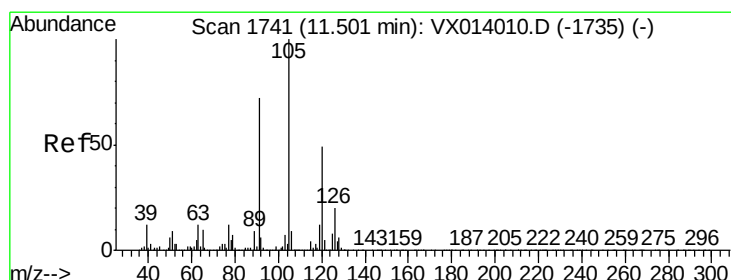
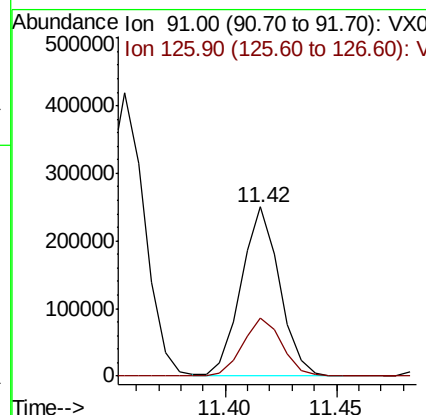
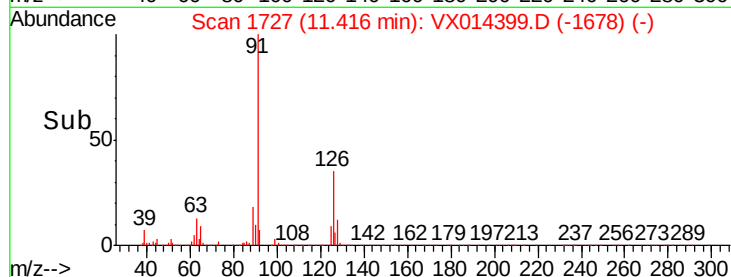
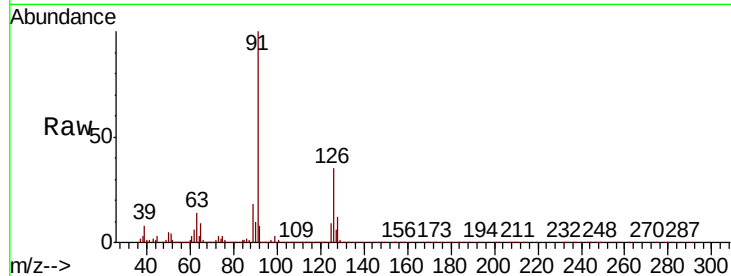




#79
 2-Chlorotoluene
 Concen: 19.389 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

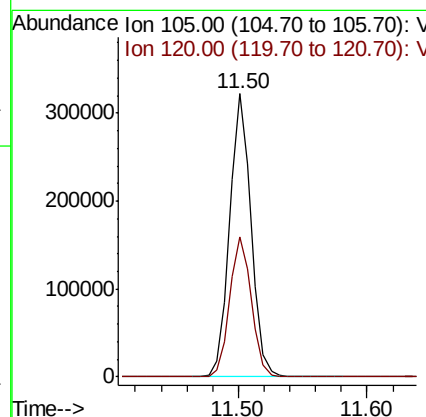
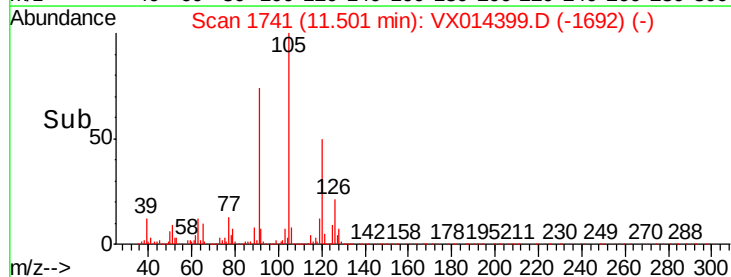
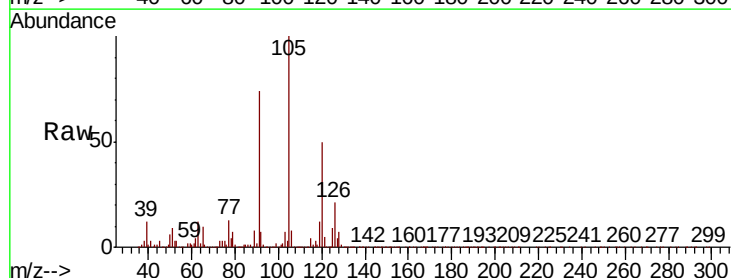
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

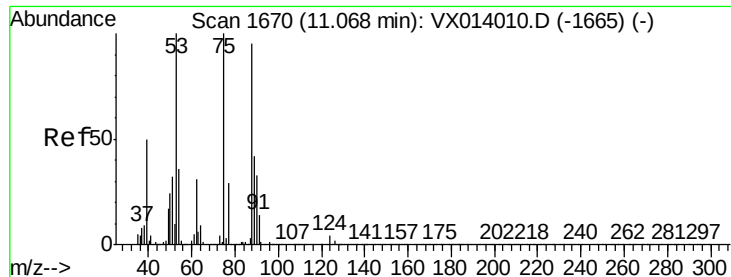
Tot Ion: 91 Resp: 298935
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.837 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion: 105 Resp: 377508
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8

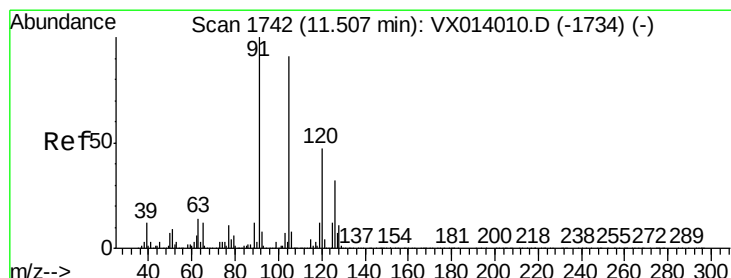
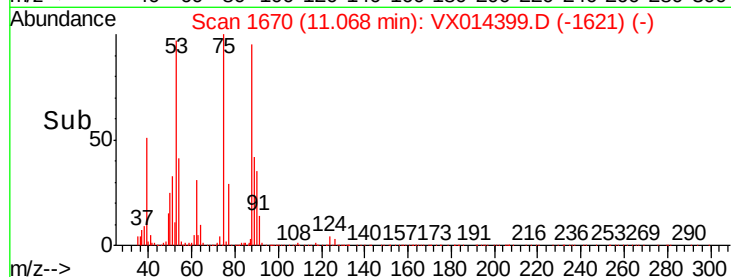
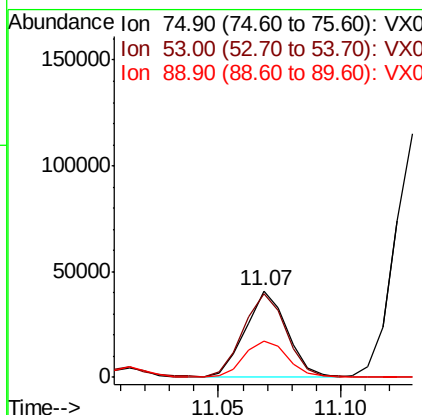
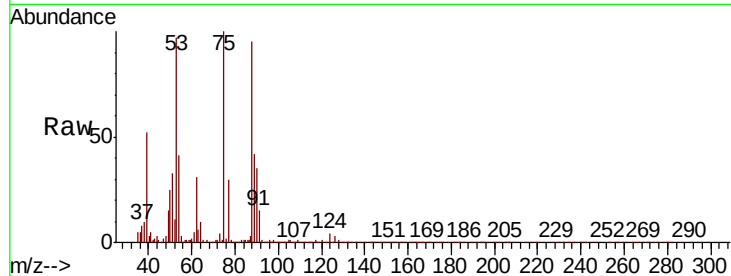




#81
trans-1,4-Dichloro-2-butene
Concen: 19.346 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

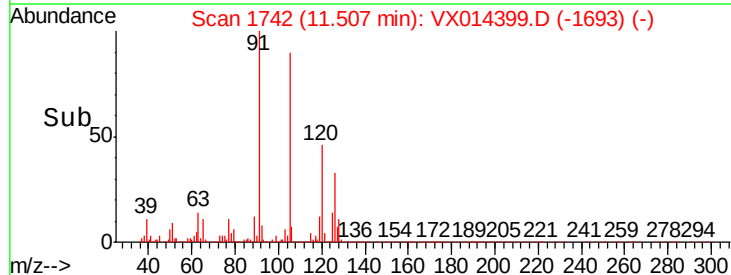
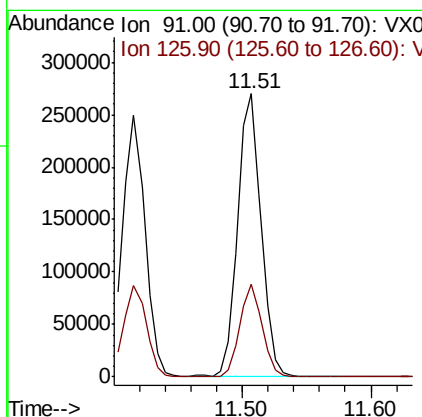
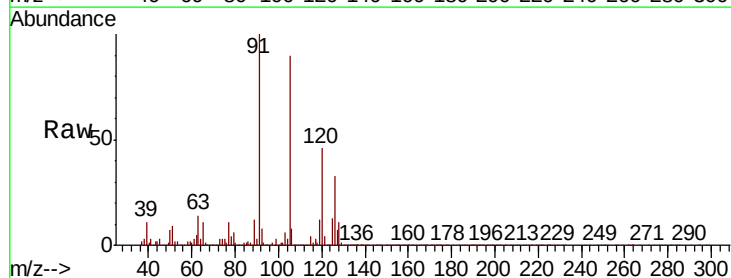
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

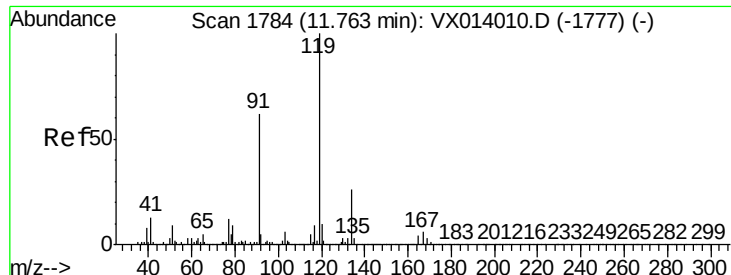
Tot Ion: 75 Resp: 47789
Ion Ratio Lower Upper
75 100
53 101.0 76.7 115.1
89 45.9 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.007 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 91 Resp: 339932
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

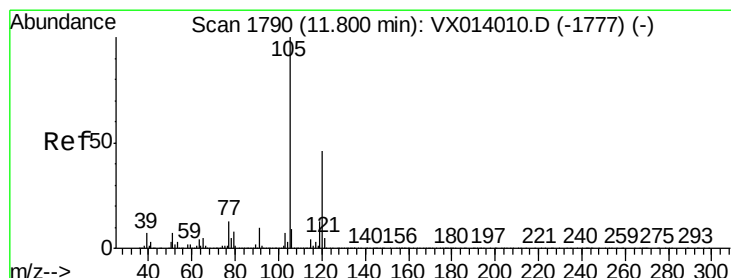
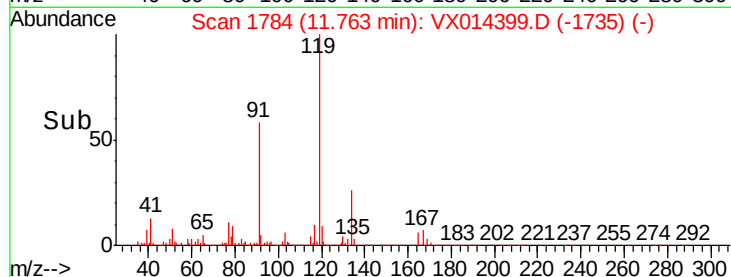
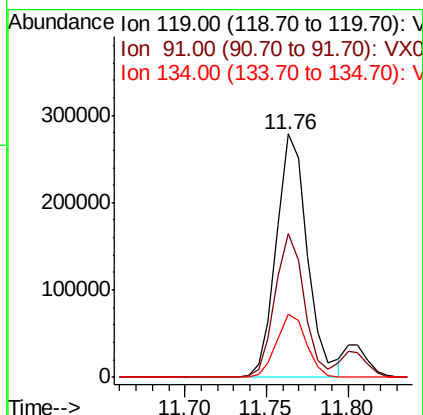
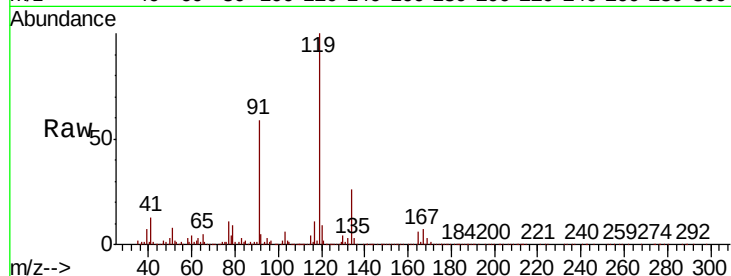




#83
 tert-Butylbenzene
 Concen: 19.990 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

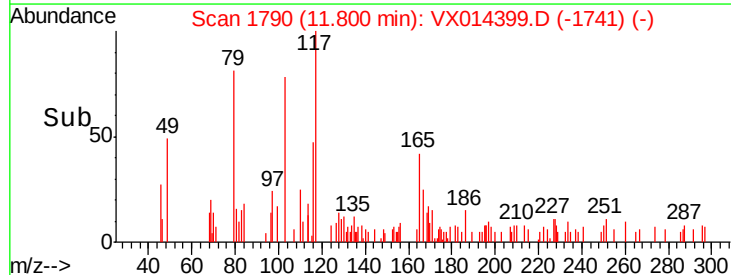
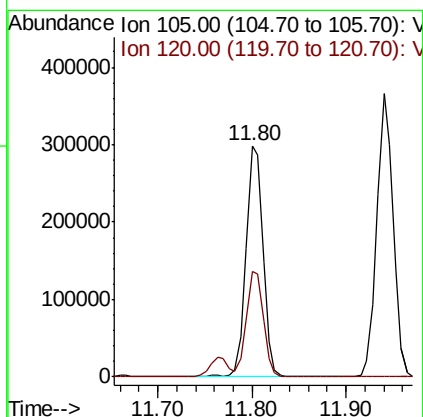
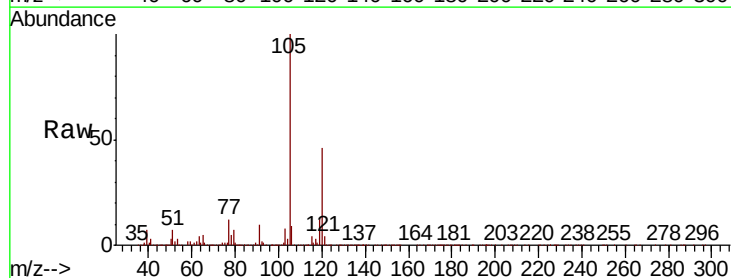
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

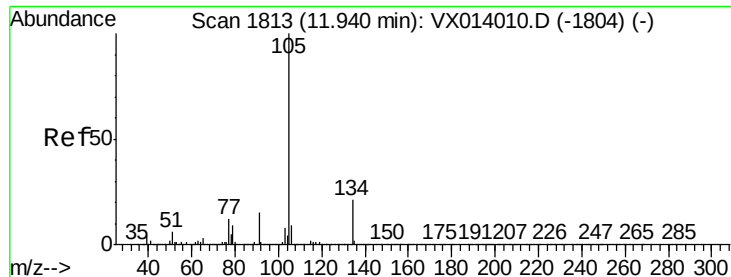
Tot Ion:119 Resp: 370218
 Ion Ratio Lower Upper
 119 100
 91 55.4 28.5 85.6
 134 24.7 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.681 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion:105 Resp: 375093
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.098 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

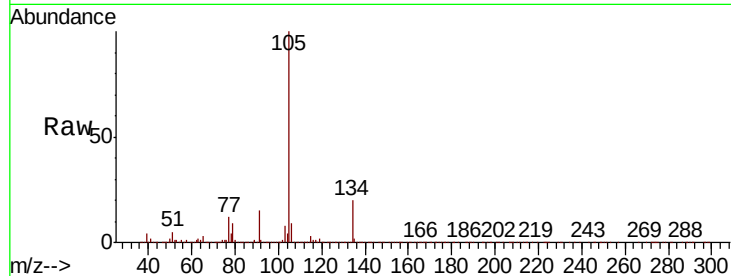
VX0103MBSD01

Tot Ion:105 Resp: 439413

Ion Ratio Lower Upper

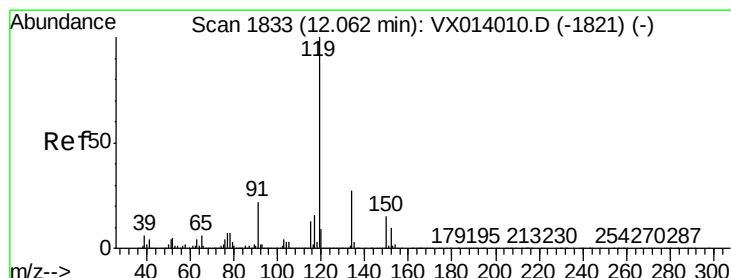
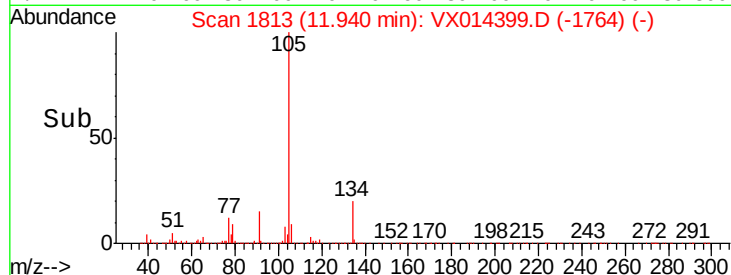
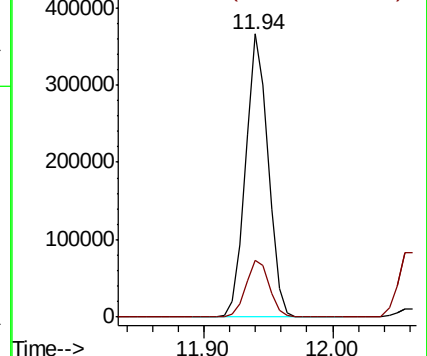
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.468 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

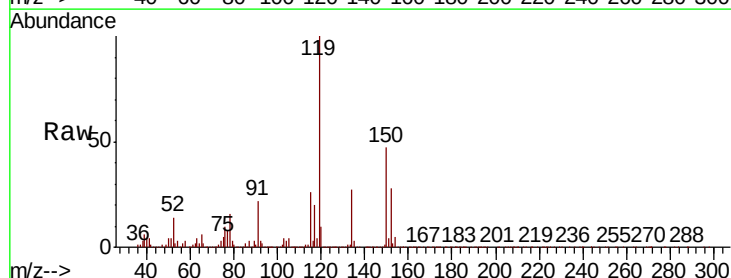
Tgt Ion:119 Resp: 389343

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

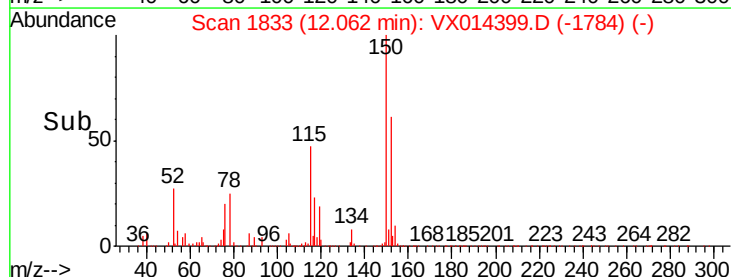
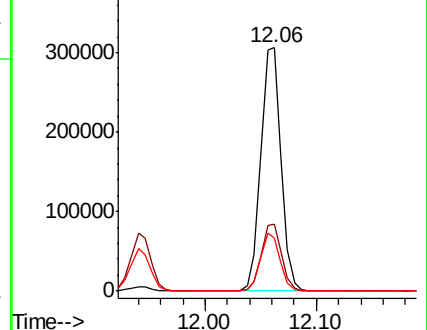
91 23.0 11.4 34.1

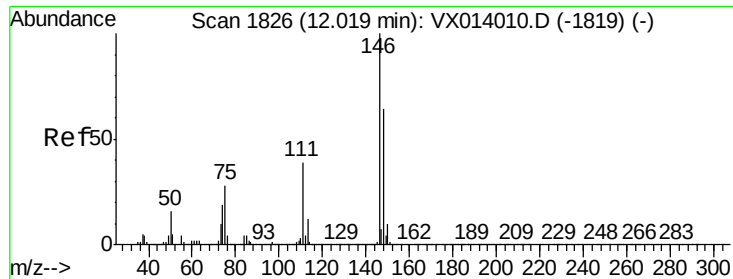


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.745 ug/l

RT: 12.02 min Scan# 1826

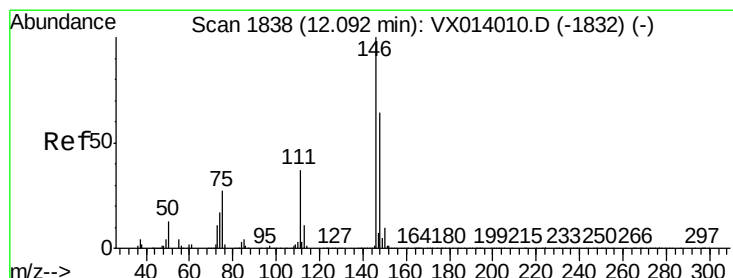
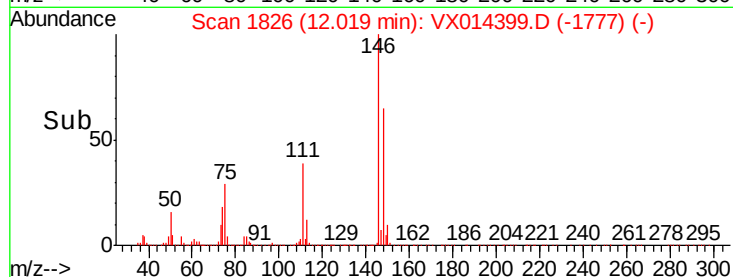
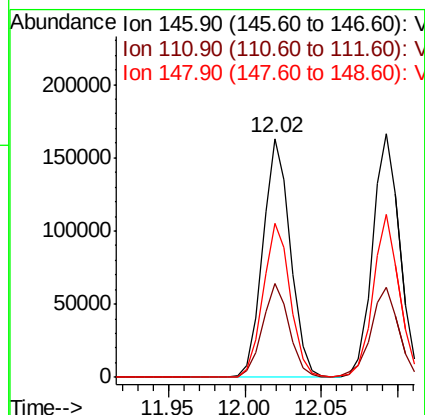
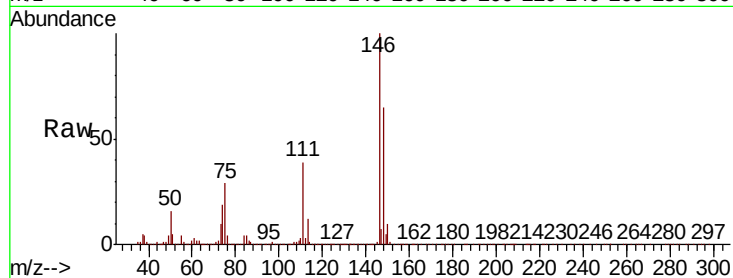
Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.1	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.320 ug/l

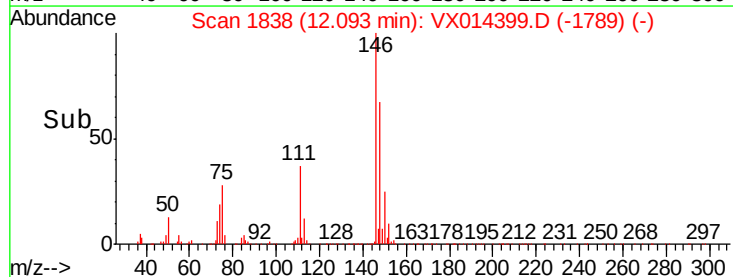
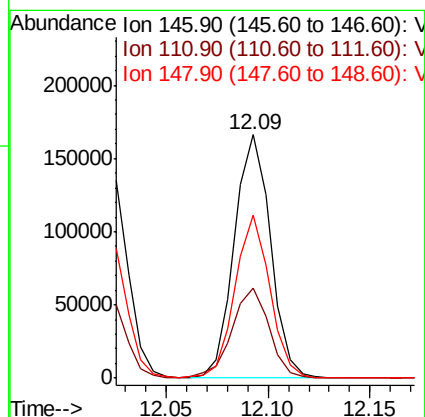
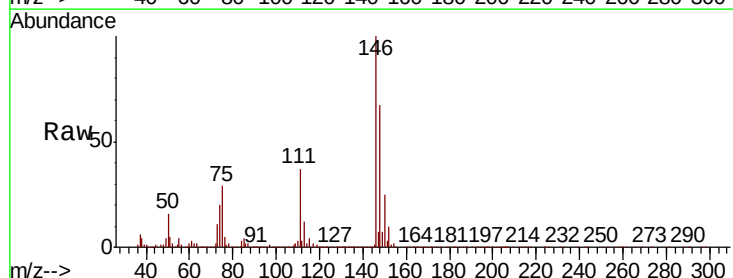
RT: 12.09 min Scan# 1838

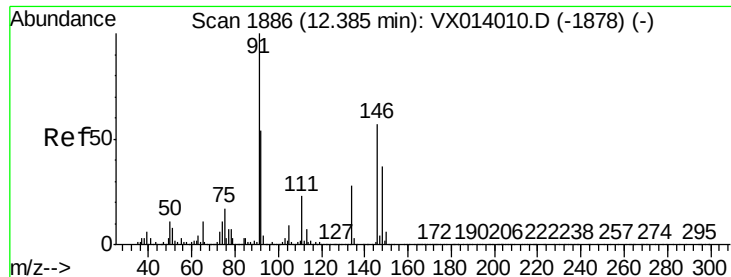
Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	64.3	31.9	95.9

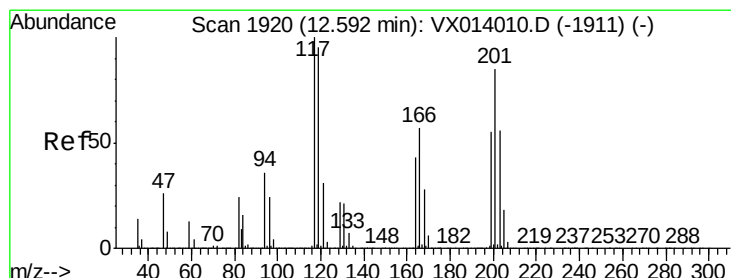
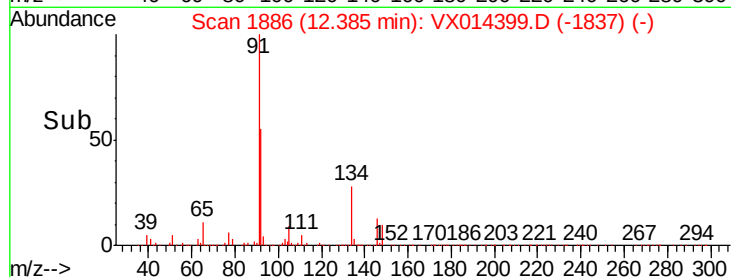
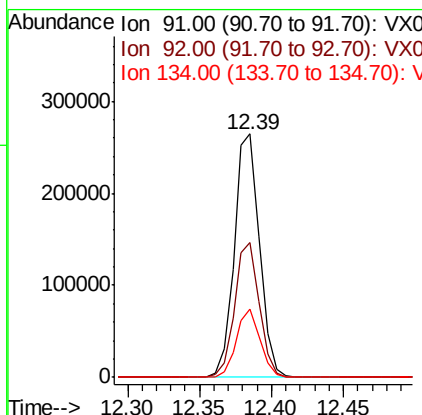
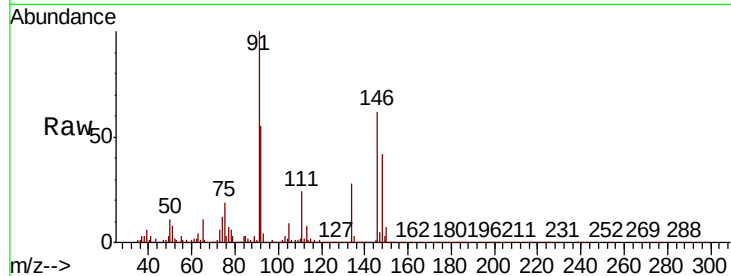




#89
n-Butylbenzene
Concen: 18.873 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

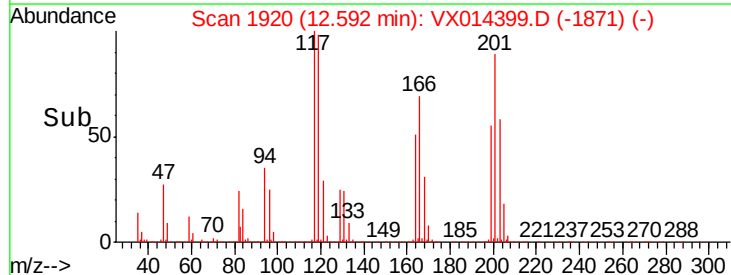
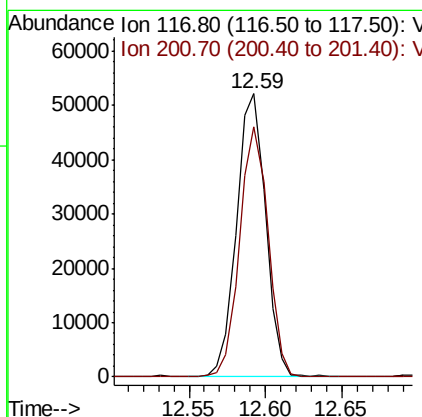
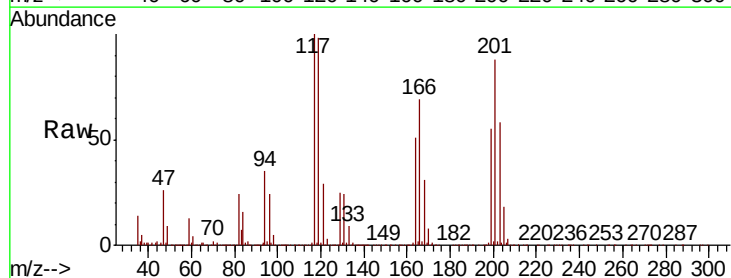
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

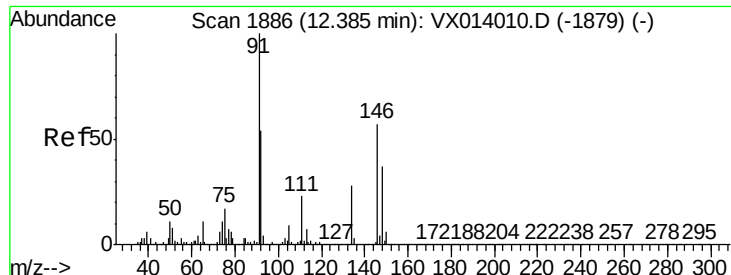
Tot Ion: 91 Resp: 322070
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 19.212 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion: 117 Resp: 69012
Ion Ratio Lower Upper
117 100
201 86.1 43.1 129.3

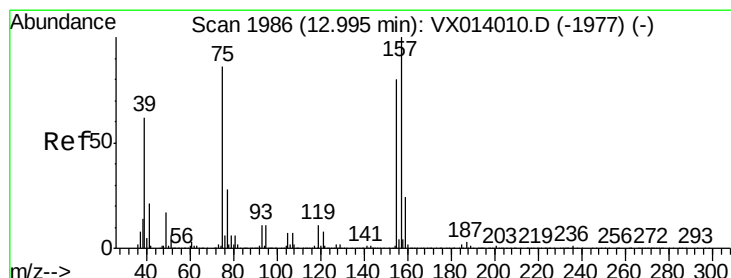
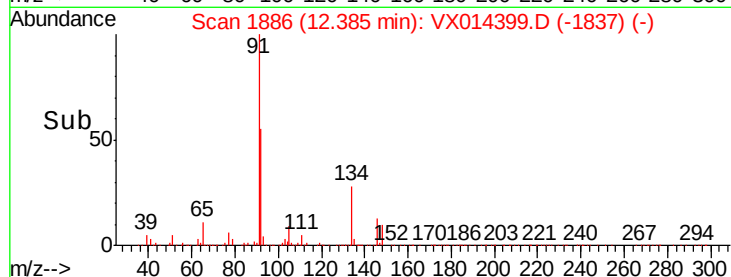
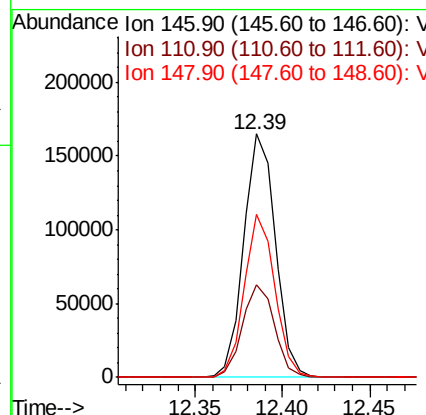
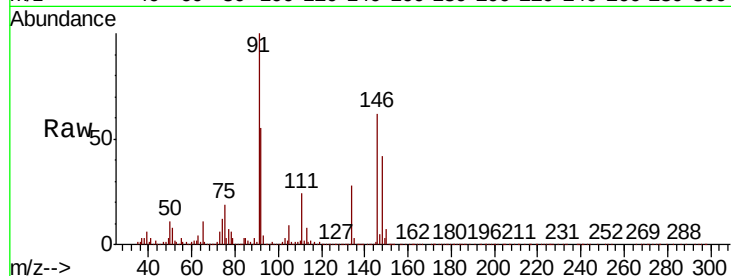




#91
 1,2-Dichlorobenzene
 Concen: 18.891 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

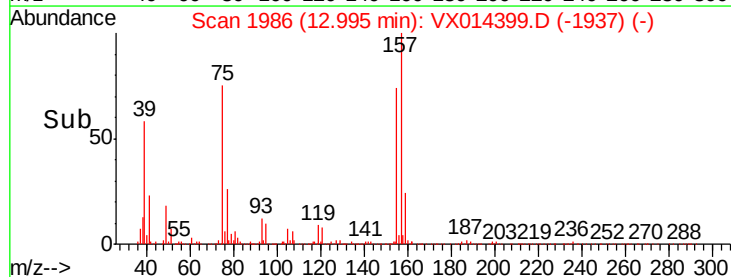
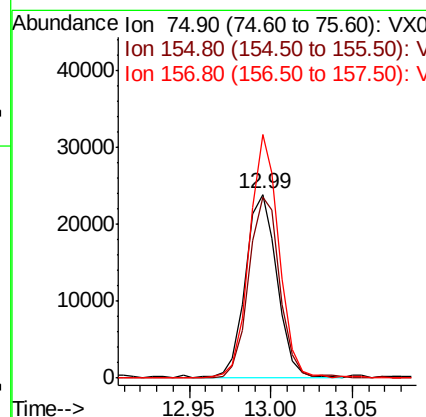
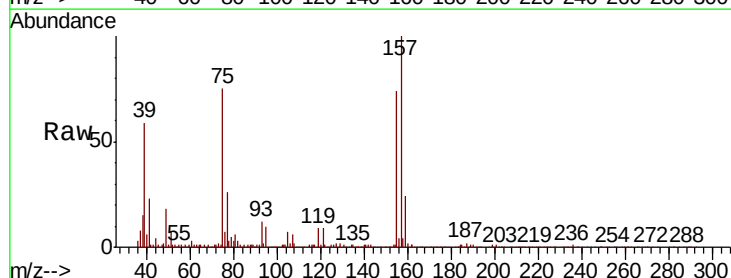
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBSD01

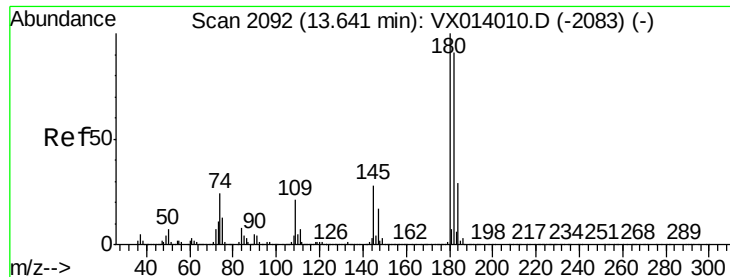
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.1
148	65.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.749 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014399.D
 Acq: 03 Jan 2020 14:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	46.9	140.6
157	123.0	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 18.409 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBS01

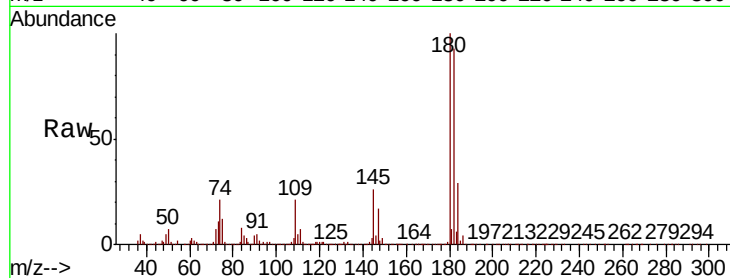
Tot Ion:180 Resp: 131331

Ion Ratio Lower Upper

180 100

182 96.0 46.6 139.8

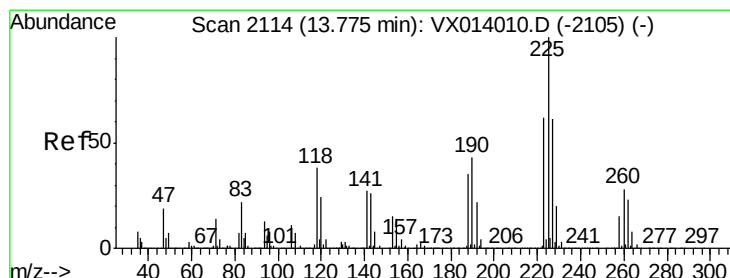
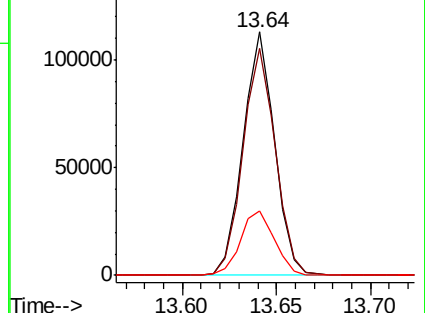
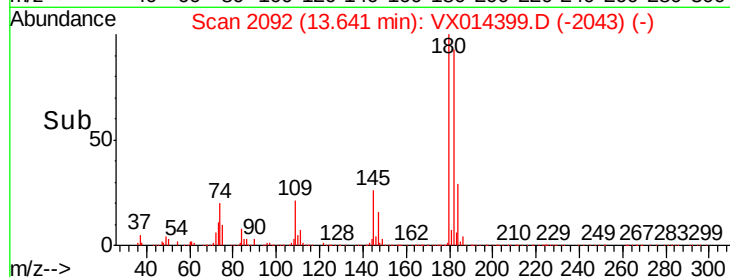
145 28.5 14.2 42.6



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: 19.756 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014399.D

Acq: 03 Jan 2020 14:40

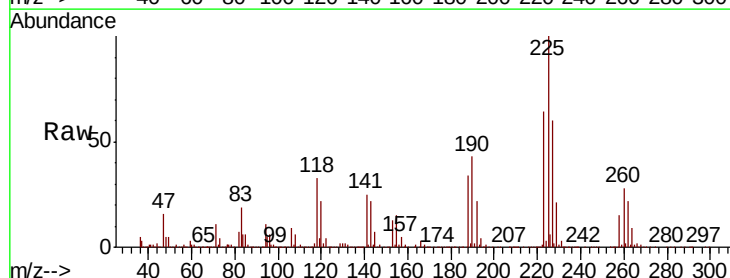
Tgt Ion:225 Resp: 67739

Ion Ratio Lower Upper

225 100

223 64.4 30.9 92.5

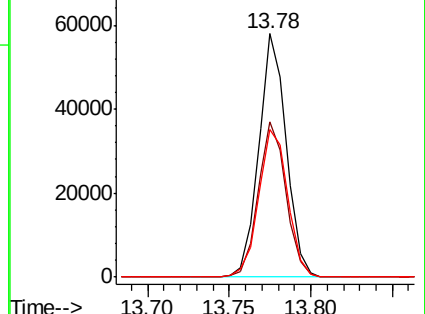
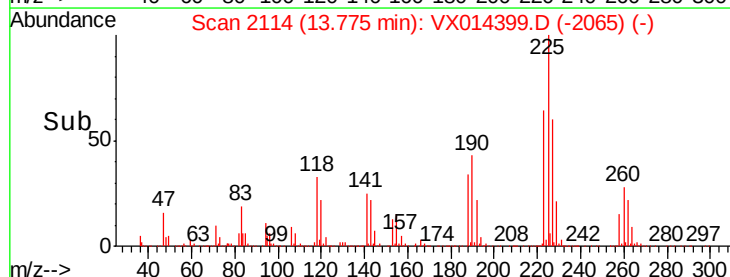
227 64.3 30.9 92.7

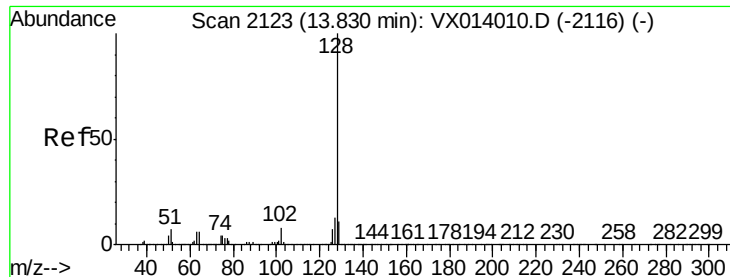


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

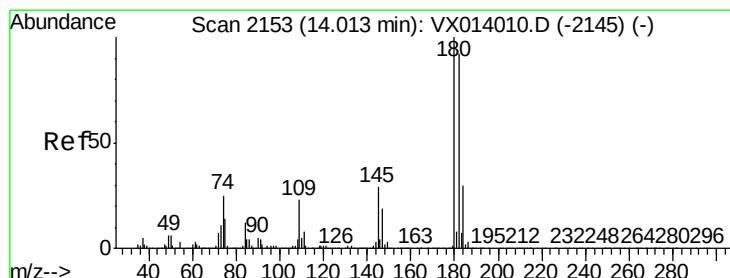
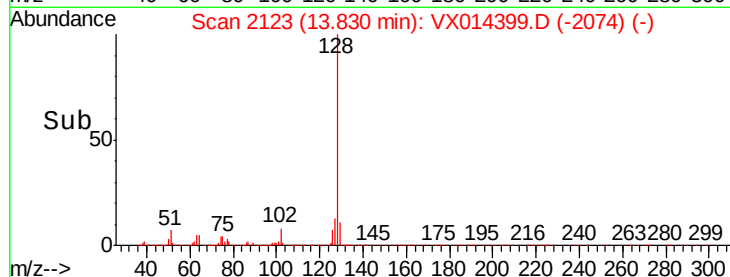
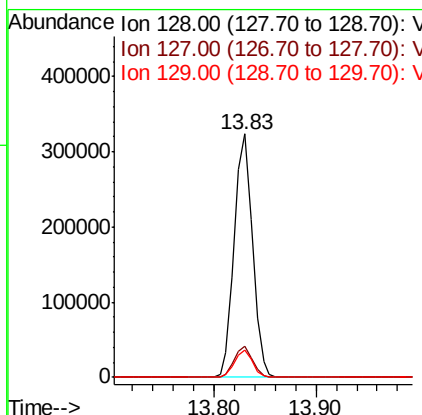
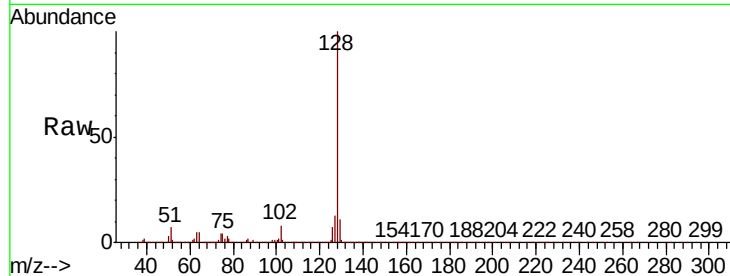




#95
Naphthalene
Concen: 19.065 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

Tot Ion:128 Resp: 399626
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.421 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014399.D
Acq: 03 Jan 2020 14:40

Tgt Ion:180 Resp: 136777
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 30.4 14.8 44.4

