

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
 Data File : VX014445.D
 Acq On : 07 Jan 2020 13:35
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jan 07 15:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	550915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	7970	1.28	ug/l	0.00
Spiked Amount			Recovery	=	2.56%	
35) Dibromofluoromethane	5.48	113	7050	1.41	ug/l	0.00
Spiked Amount			Recovery	=	2.82%	
50) Toluene-d8	8.71	98	22253	1.15	ug/l	0.00
Spiked Amount			Recovery	=	2.30%	
62) 4-Bromofluorobenzene	11.14	95	9339	1.32	ug/l	0.00
Spiked Amount			Recovery	=	2.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	4786	0.899	ug/l	89
3) Chloromethane	1.32	50	7926	1.175	ug/l	99
4) Vinyl Chloride	1.40	62	8045	1.106	ug/l	94
5) Bromomethane	1.64	94	8576	1.712	ug/l	100
6) Chloroethane	1.73	64	6155	1.407	ug/l	93
7) Trichlorofluoromethane	1.93	101	9834	1.123	ug/l	95
8) Diethyl Ether	2.18	74	5066	1.244	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6868	1.302	ug/l	98
10) Methyl Iodide	2.50	142	9311	1.445	ug/l	95
11) Tert butyl alcohol	3.02	59	9272	6.785	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	6542	1.220	ug/l #	88
13) Acrolein	2.28	56	6240	7.432	ug/l	87
14) Allyl chloride	2.72	41	10735	1.126	ug/l	97
15) Acrylonitrile	3.13	53	17418	5.499	ug/l	93
16) Acetone	2.43	43	21804	5.562	ug/l	98
17) Carbon Disulfide	2.56	76	19078	1.214	ug/l	96
18) Methyl Acetate	2.76	43	9113	1.095	ug/l #	75
19) Methyl tert-butyl Ether	3.18	73	18878	1.076	ug/l	99
20) Methylene Chloride	2.85	84	7577	1.179	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	7585	1.289	ug/l	96
22) Diisopropyl ether	3.84	45	19417	1.024	ug/l	97
23) Vinyl Acetate	3.81	43	73780	4.831	ug/l	100
24) 1,1-Dichloroethane	3.69	63	10529	0.998	ug/l	93
25) 2-Butanone	4.66	43	25120	5.076	ug/l	100
26) 2,2-Dichloropropane	4.58	77	9851	1.193	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	8122	1.221	ug/l	93
28) Bromochloromethane	5.00	49	5452	1.493	ug/l #	95
29) Tetrahydrofuran	5.12	42	13302	4.716	ug/l	98
30) Chloroform	5.20	83	11012	1.102	ug/l	89
31) Cyclohexane	5.56	56	10876	1.149	ug/l #	90
32) 1,1,1-Trichloroethane	5.48	97	8685	1.016	ug/l #	42
36) 1,1-Dichloropropene	5.79	75	9084	1.195	ug/l	88
37) Ethyl Acetate	4.82	43	9503	1.139	ug/l #	73
38) Carbon Tetrachloride	5.76	117	7307	1.054	ug/l #	80

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Instrument :
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 ClientSampleId :
 VSTDIC001

Quant Time: Jan 07 15:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	10509	1.112	ug/l	91
40) Benzene	6.13	78	25363	1.089	ug/l	95
41) Methacrylonitrile	5.04	41	4281	0.922	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	9891	1.252	ug/l	98
43) Isopropyl Acetate	6.44	43	13840	1.001	ug/l #	92
44) Trichloroethene	7.20	130	7820	1.204	ug/l	77
45) 1,2-Dichloropropane	7.51	63	6211	1.040	ug/l #	87
46) Dibromomethane	7.65	93	5239	1.323	ug/l	88
47) Bromodichloromethane	7.89	83	7964	1.069	ug/l	90
48) Methyl methacrylate	7.76	41	5935	0.877	ug/l #	66
49) 1,4-Dioxane	7.73	88	3423	24.678	ug/l #	86
51) 4-Methyl-2-Pentanone	8.64	43	40899	4.724	ug/l	99
52) Toluene	8.78	92	16675	1.130	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	9349	1.142	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	9282	1.018	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	6986	1.183	ug/l	94
56) Ethyl methacrylate	9.17	69	8269	0.894	ug/l	94
57) 1,3-Dichloropropane	9.37	76	10626	1.074	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.31	63	14398	4.214	ug/l	93
59) 2-Hexanone	9.48	43	32335	4.669	ug/l	97
60) Dibromochloromethane	9.58	129	5533	0.940	ug/l	72
61) 1,2-Dibromoethane	9.67	107	7035	1.165	ug/l	96
64) Tetrachloroethene	9.33	164	8738	1.306	ug/l	95
65) Chlorobenzene	10.14	112	19176	1.222	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	6209	1.108	ug/l #	66
67) Ethyl Benzene	10.25	91	29598	1.099	ug/l	98
68) m/p-Xylenes	10.36	106	22991	2.216	ug/l	100
69) o-Xylene	10.70	106	10276	1.014	ug/l	92
70) Styrene	10.71	104	18484	1.078	ug/l	96
71) Bromoform	10.85	173	4723	1.045	ug/l #	96
73) Isopropylbenzene	11.01	105	28355	1.104	ug/l	93
74) N-amyl acetate	10.89	43	11000	0.923	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	9484	1.082	ug/l #	91
76) 1,2,3-Trichloropropane	11.29	75	10899	1.414	ug/l	80
77) Bromobenzene	11.25	156	8923	1.261	ug/l	94
78) n-propylbenzene	11.35	91	32791	1.139	ug/l	100
79) 2-Chlorotoluene	11.42	91	20451	1.172	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	22121	1.025	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	2323	0.826	ug/l #	70
82) 4-Chlorotoluene	11.51	91	24572	1.210	ug/l	96
83) tert-Butylbenzene	11.76	119	21611	1.036	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	23188	1.074	ug/l	100
85) sec-Butylbenzene	11.94	105	26745	1.076	ug/l	92
86) p-Isopropyltoluene	12.06	119	24503	1.076	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	15835	1.276	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	15835	1.251	ug/l	94
89) n-Butylbenzene	12.39	91	25072	1.284	ug/l	98
90) Hexachloroethane	12.59	117	4474	1.098	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	15610	1.254	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2169	1.101	ug/l	86

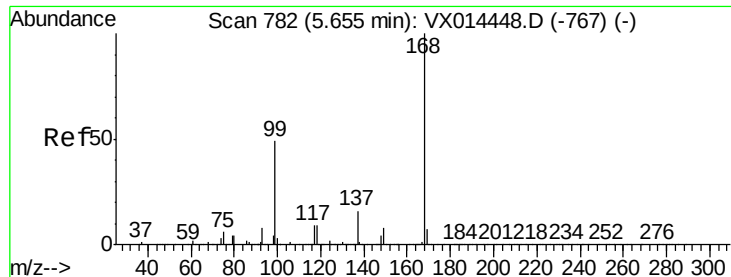
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
Data File : VX014445.D
Acq On : 07 Jan 2020 13:35
Operator : JC/SP
Sample : VSTDICC001
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MSVOA_X
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Quant Time: Jan 07 15:24:06 2020
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	13865	1.681	ug/l	98
94) Hexachlorobutadiene	13.78	225	6509	1.644	ug/l	90
95) Naphthalene	13.83	128	35011	1.451	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	12872	1.588	ug/l	99

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

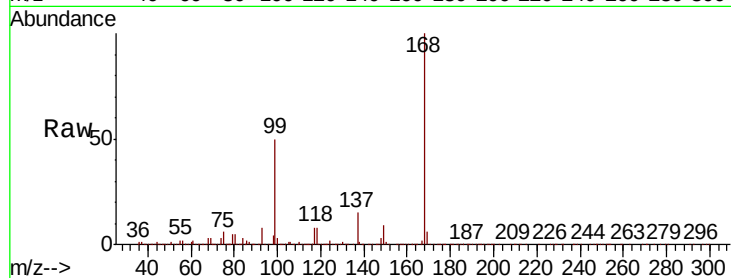


#1

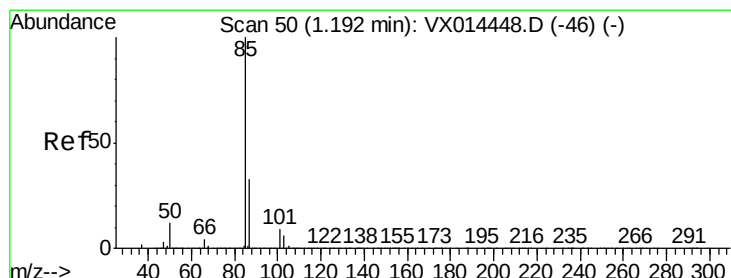
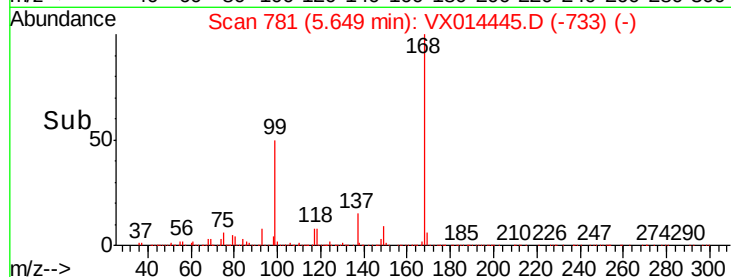
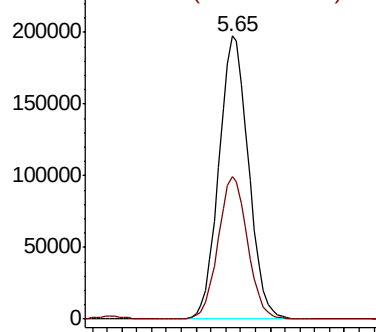
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:168 Resp: 550915
 Ion Ratio Lower Upper
 168 100
 99 50.2 39.2 58.8



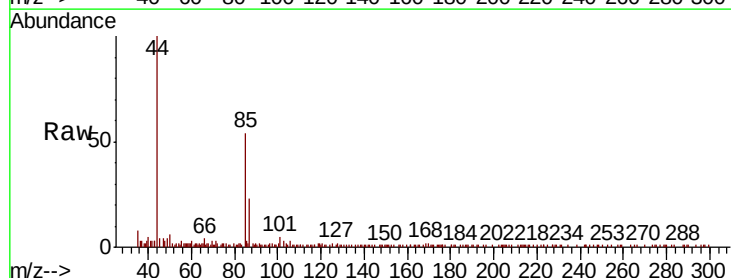
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



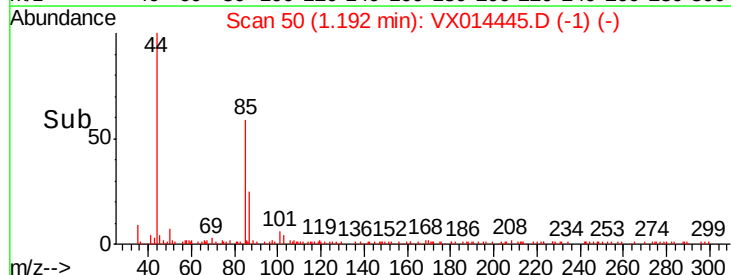
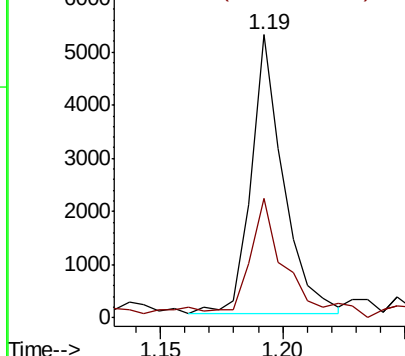
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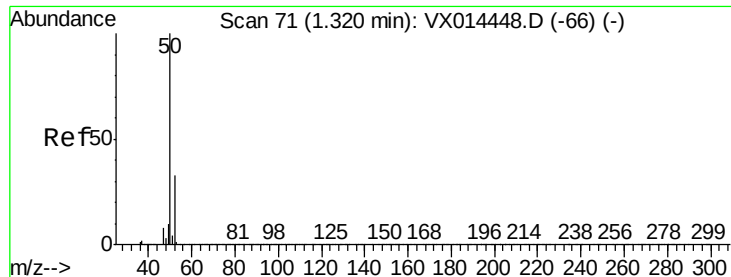
Dichlorodifluoromethane
 Concen: 0.899 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion: 85 Resp: 4786
 Ion Ratio Lower Upper
 85 100
 87 39.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.175 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

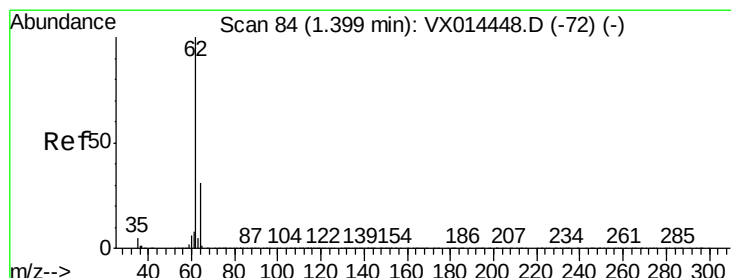
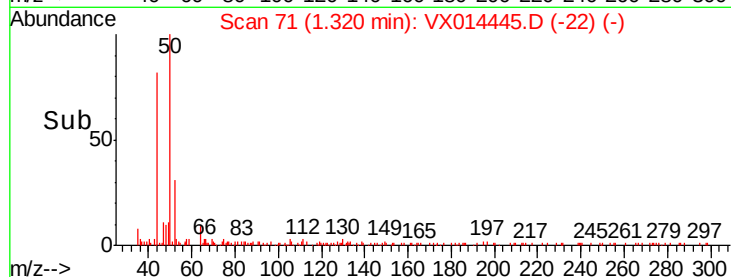
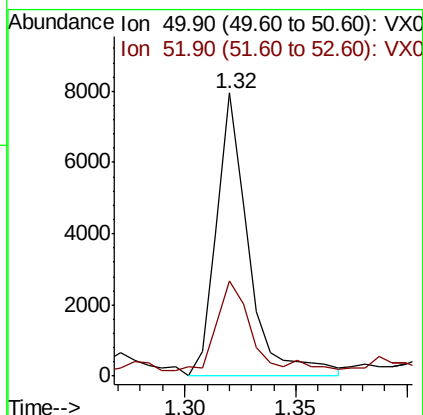
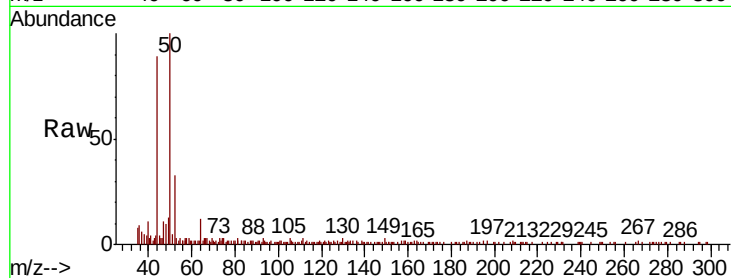
VSTDIC001

Tot Ion: 50 Resp: 7926

Ion Ratio Lower Upper

50 100

52 31.8 26.1 39.1



#4

Vinyl Chloride

Concen: 1.106 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014445.D

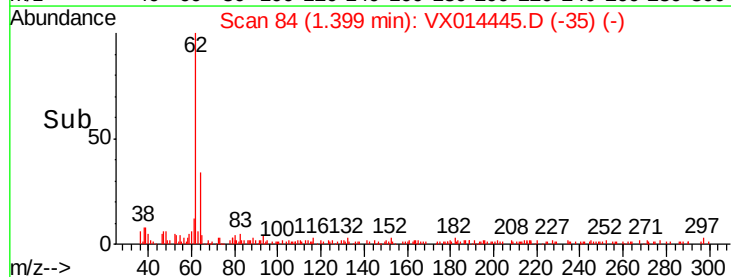
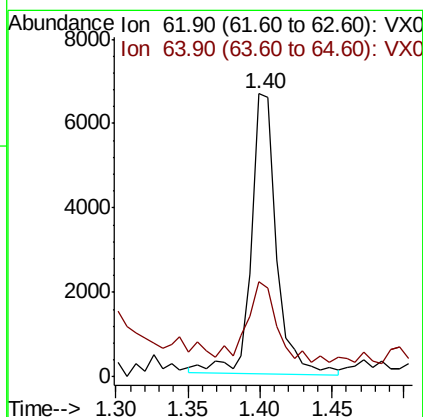
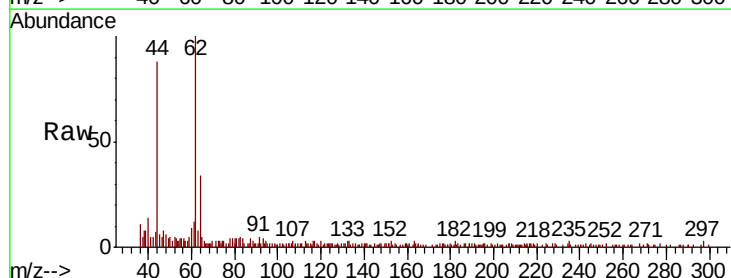
Acq: 07 Jan 2020 13:35

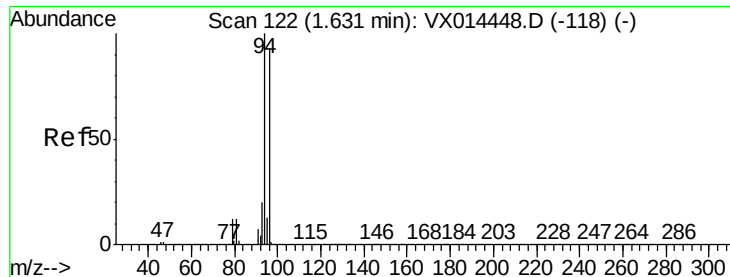
Tgt Ion: 62 Resp: 8045

Ion Ratio Lower Upper

62 100

64 27.5 24.6 37.0





#5

Bromomethane

Concen: 1.712 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

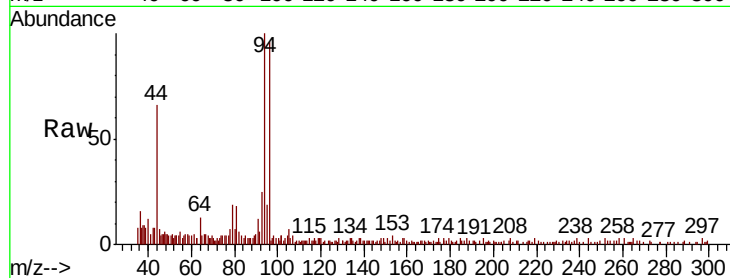
VSTDIC001

Tot Ion: 94 Resp: 8576

Ion Ratio Lower Upper

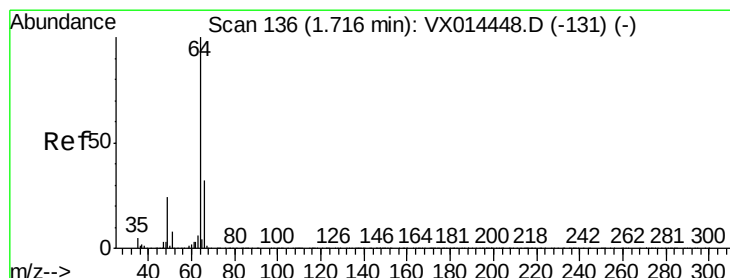
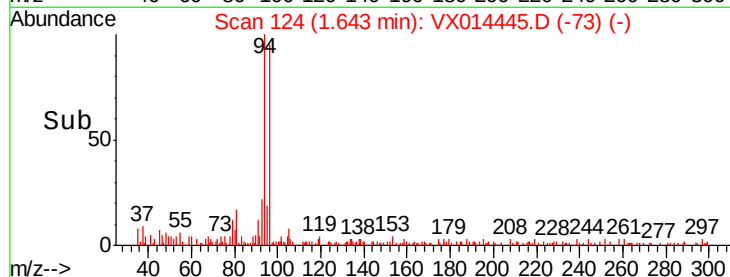
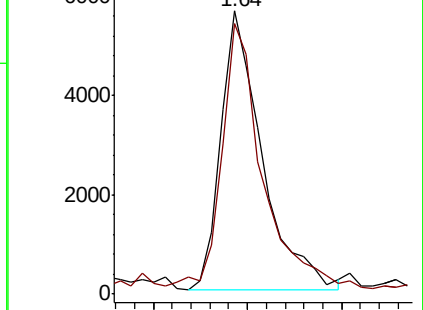
94 100

96 92.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.407 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014445.D

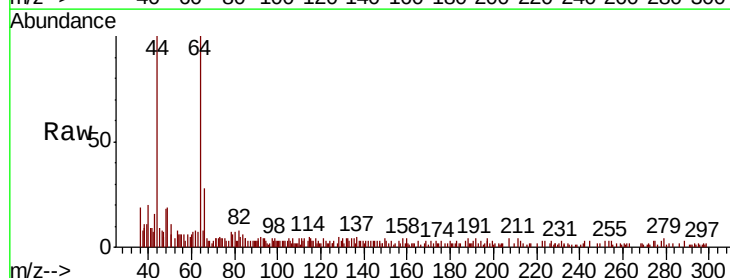
Acq: 07 Jan 2020 13:35

Tgt Ion: 64 Resp: 6155

Ion Ratio Lower Upper

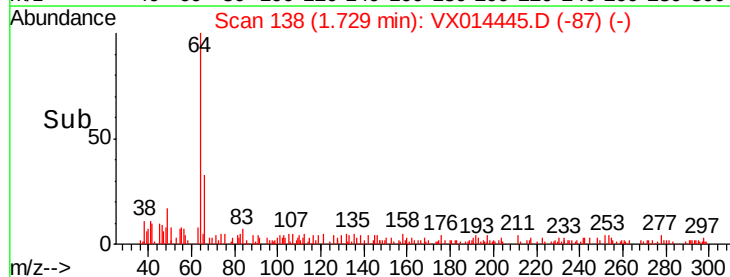
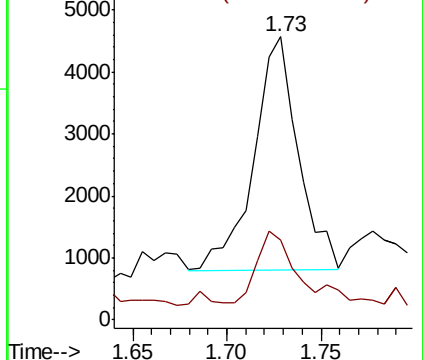
64 100

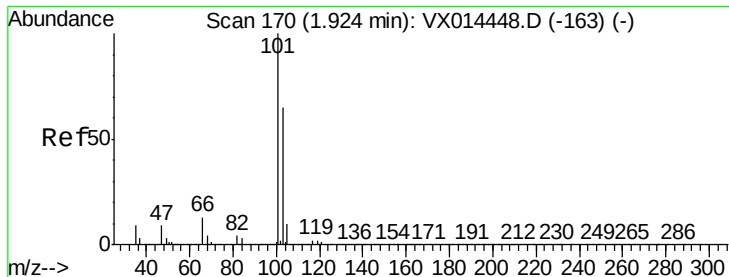
66 27.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



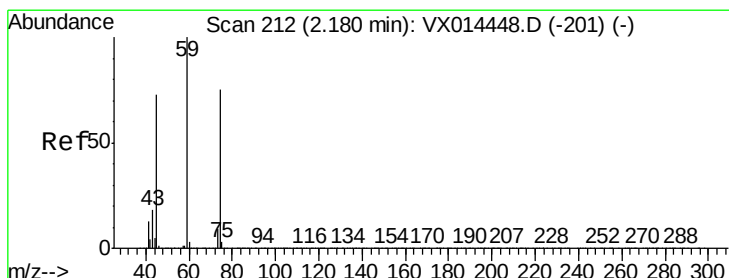
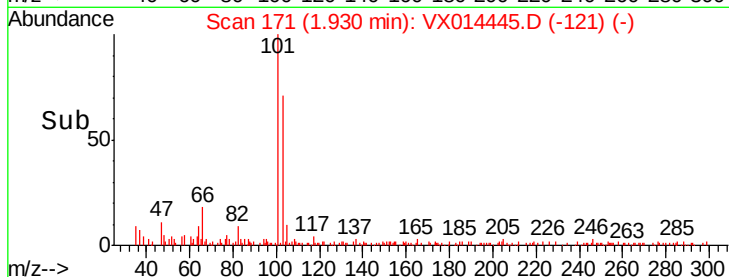
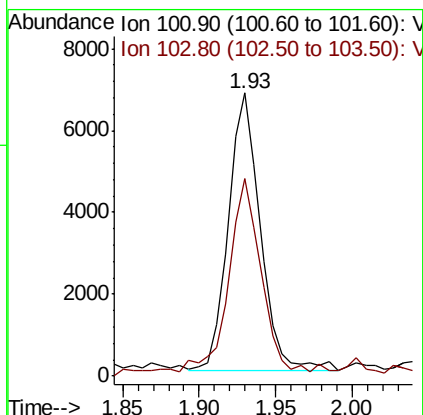
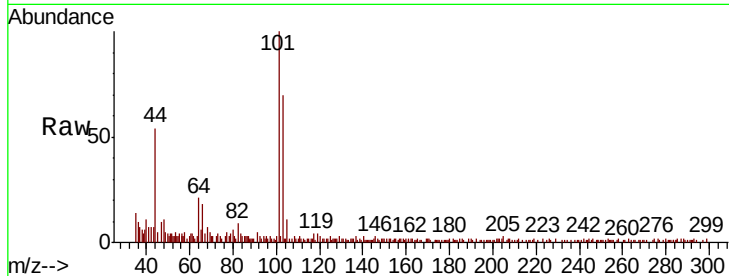


#7

Trichlorofluoromethane
Concen: 1.123 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Instrument :
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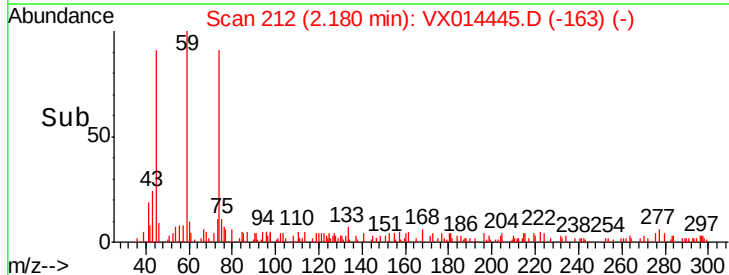
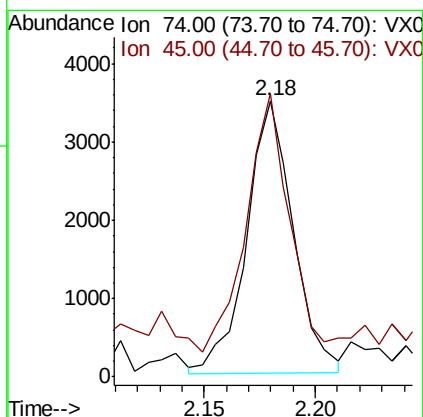
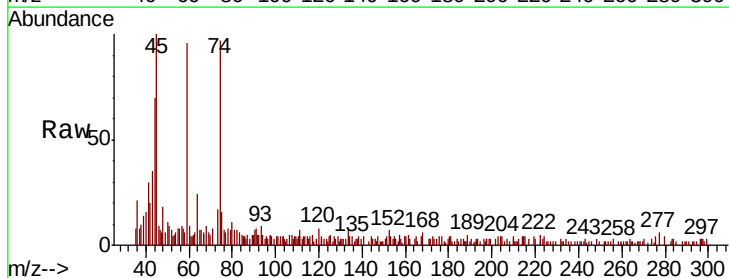
Tot Ion:101 Resp: 9834
Ion Ratio Lower Upper
101 100
103 69.0 52.2 78.4

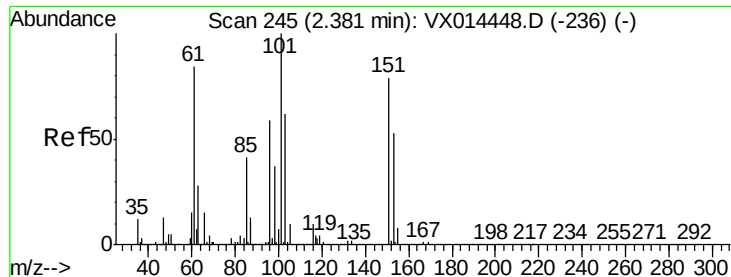


#8

Diethyl Ether
Concen: 1.244 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 74 Resp: 5066
Ion Ratio Lower Upper
74 100
45 86.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.302 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

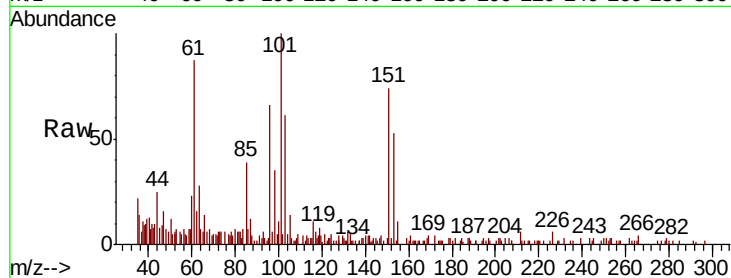
Tot Ion:101 Resp: 6868

Ion Ratio Lower Upper

101 100

85 39.5 33.8 50.8

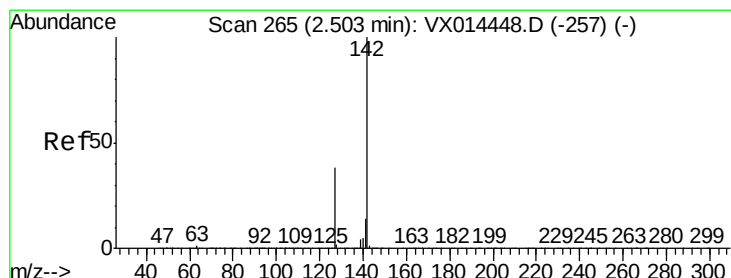
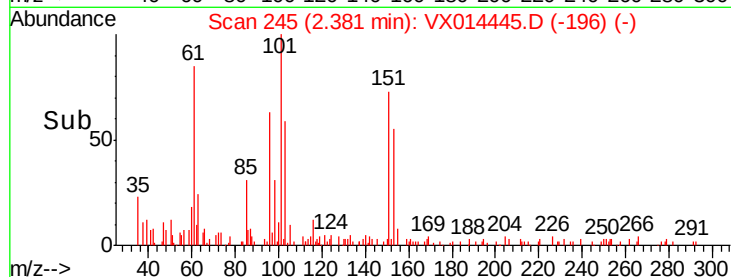
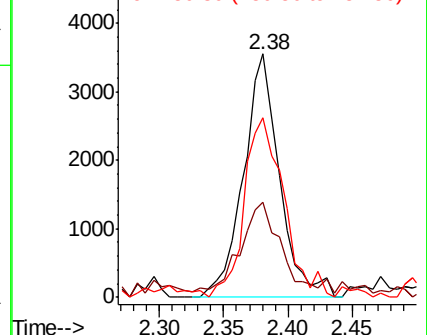
151 81.0 65.3 97.9



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: 1.445 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

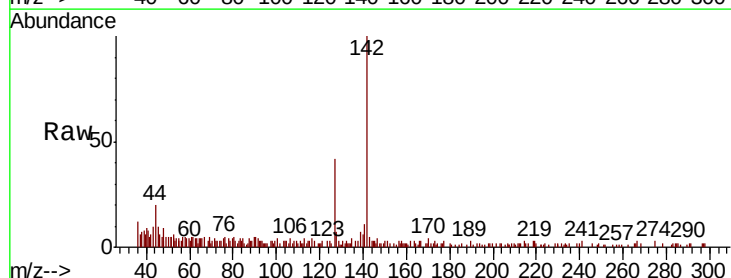
Tgt Ion:142 Resp: 9311

Ion Ratio Lower Upper

142 100

127 42.2 31.2 46.8

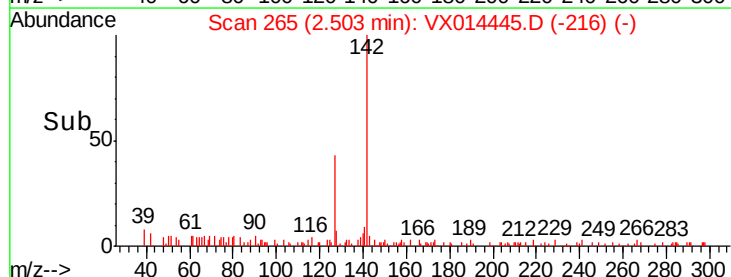
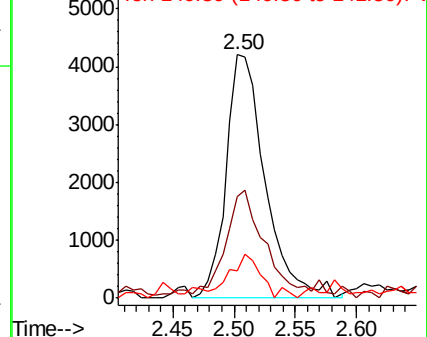
141 16.6 11.4 17.2

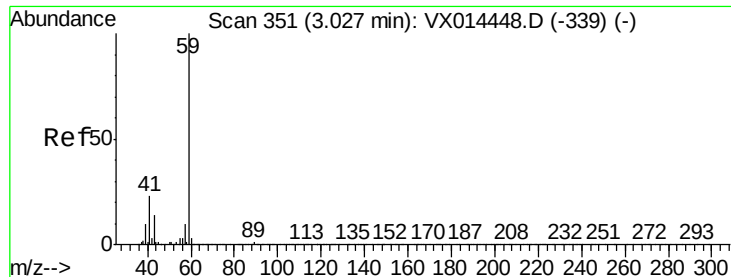


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

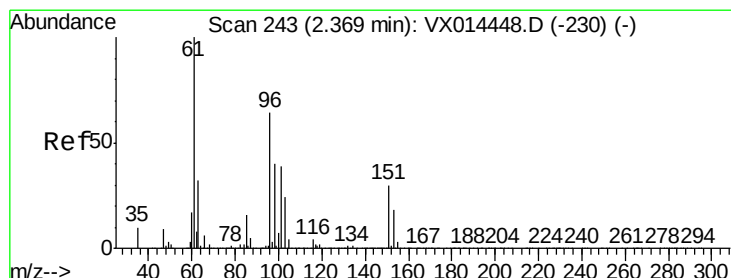
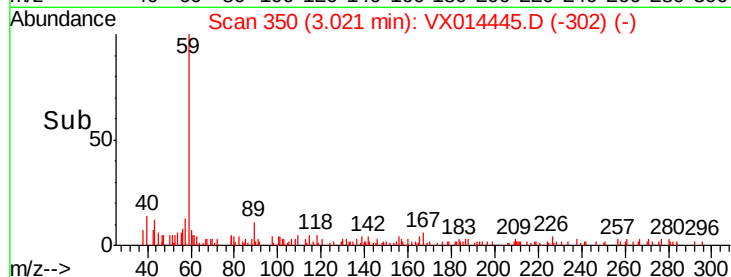
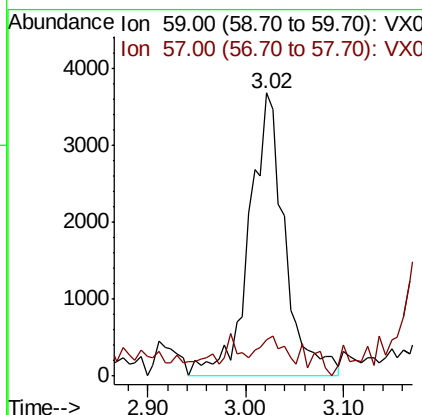
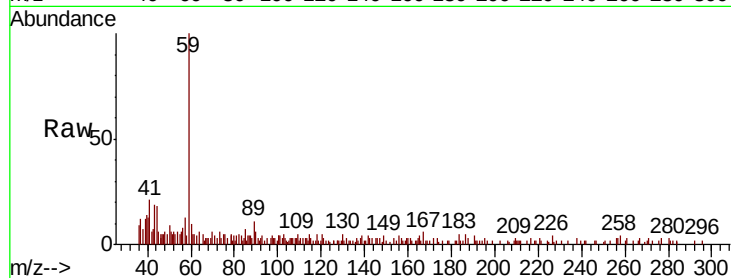




#11
Tert butyl alcohol
Concen: 6.785 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

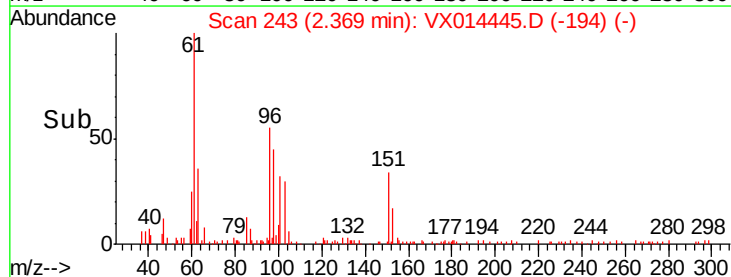
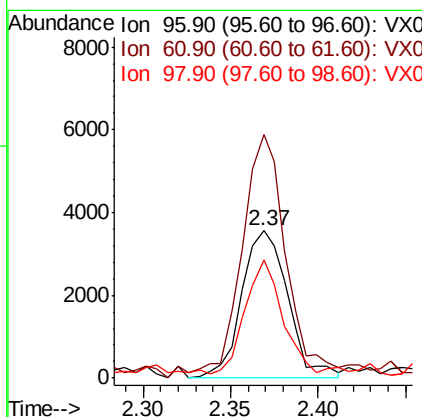
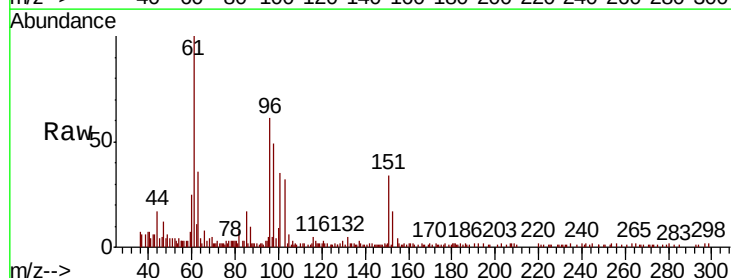
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

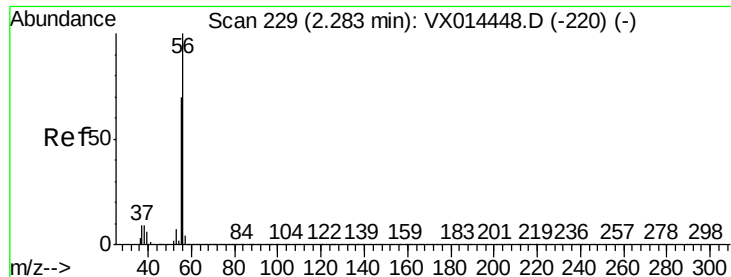
Tot Ion: 59 Resp: 9272
Ion Ratio Lower Upper
59 100
57 6.3 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.220 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 96 Resp: 6542
Ion Ratio Lower Upper
96 100
61 167.4 125.0 187.6
98 79.0 50.2 75.2#





#13

Acrolein

Concen: 7.432 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

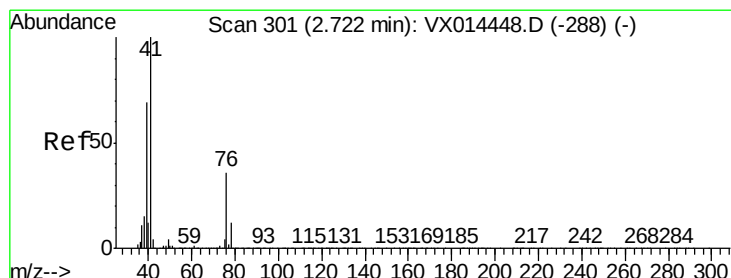
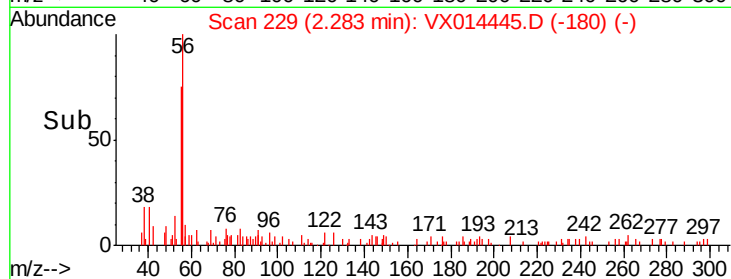
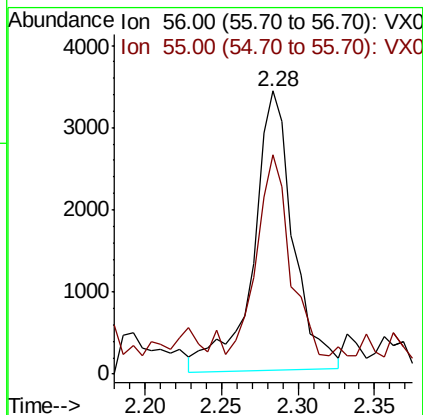
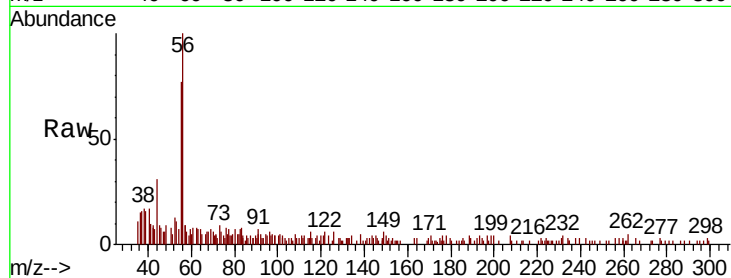
VSTDIC001

Tot Ion: 56 Resp: 6240

Ion Ratio Lower Upper

56 100

55 58.4 55.0 82.6



#14

Allyl chloride

Concen: 1.126 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

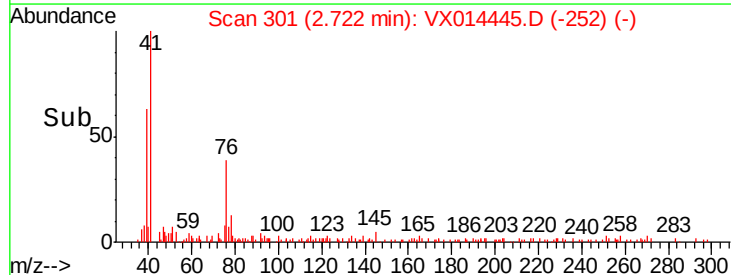
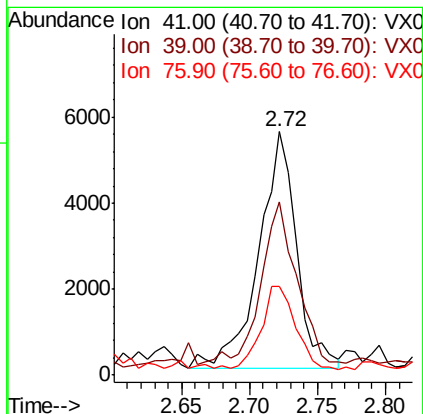
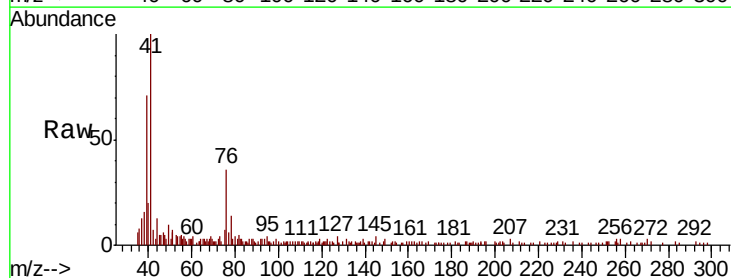
Tgt Ion: 41 Resp: 10735

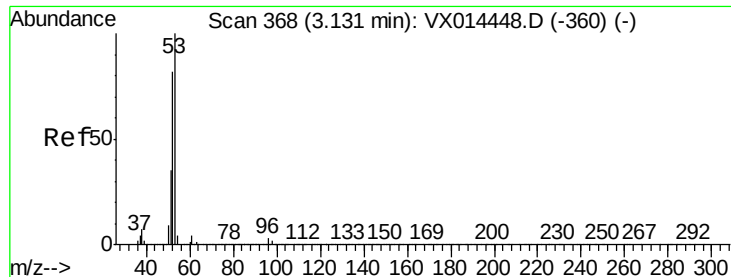
Ion Ratio Lower Upper

41 100

39 66.4 51.7 77.5

76 31.7 26.8 40.2





#15

Acrylonitrile

Concen: 5.499 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

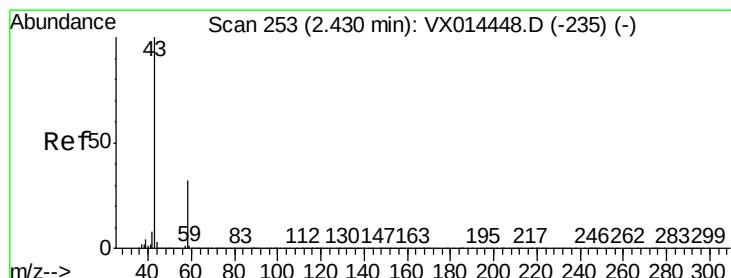
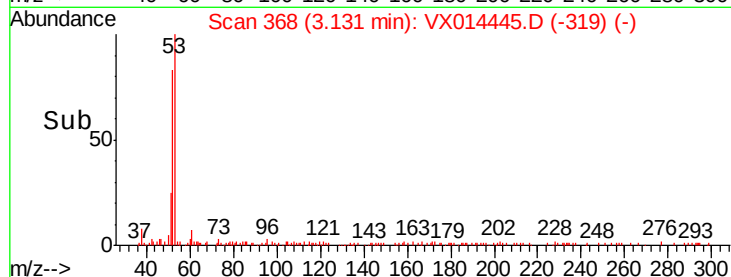
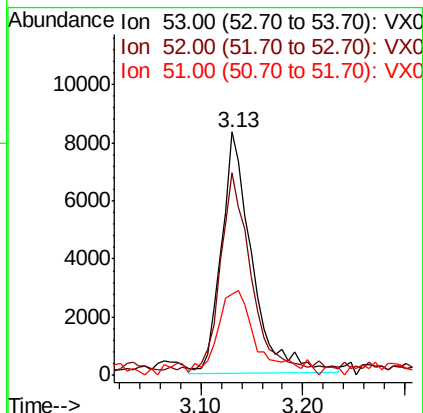
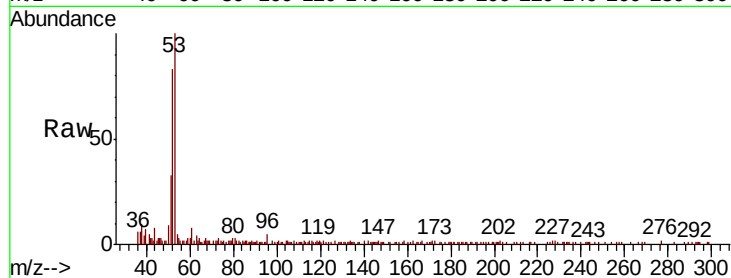
Tot Ion: 53 Resp: 17418

Ion Ratio Lower Upper

53 100

52 77.6 67.0 100.4

51 40.4 28.5 42.7



#16

Acetone

Concen: 5.562 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014445.D

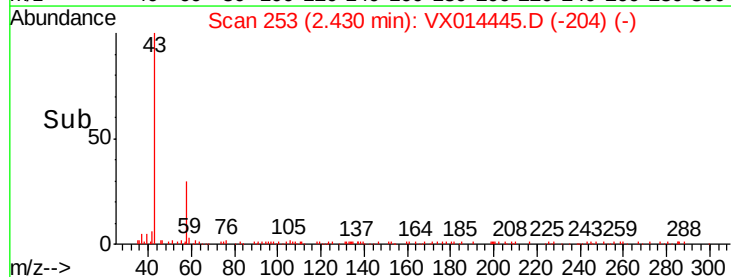
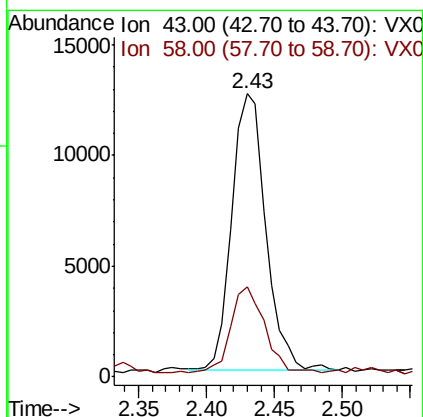
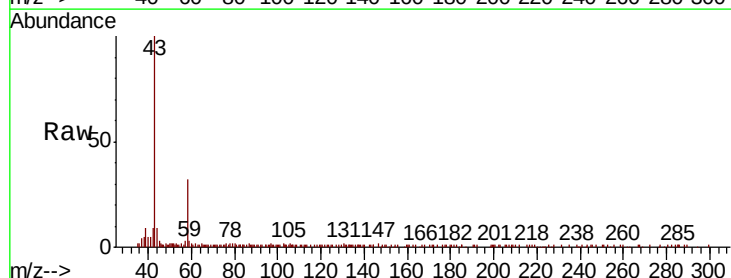
Acq: 07 Jan 2020 13:35

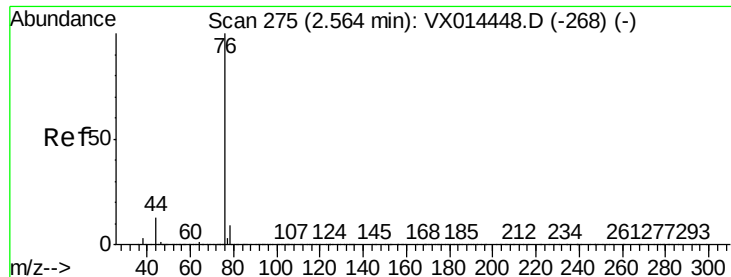
Tgt Ion: 43 Resp: 21804

Ion Ratio Lower Upper

43 100

58 30.8 25.4 38.0





#17

Carbon Disulfide

Concen: 1.214 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

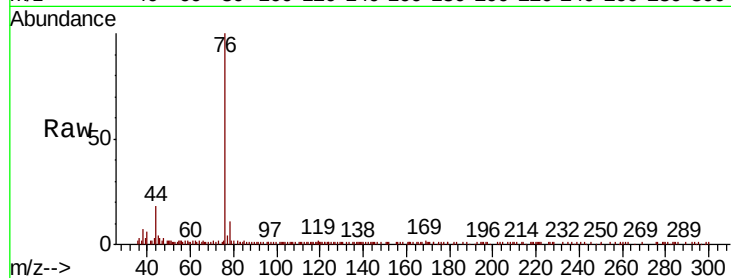
VSTDIC001

Tot Ion: 76 Resp: 19078

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

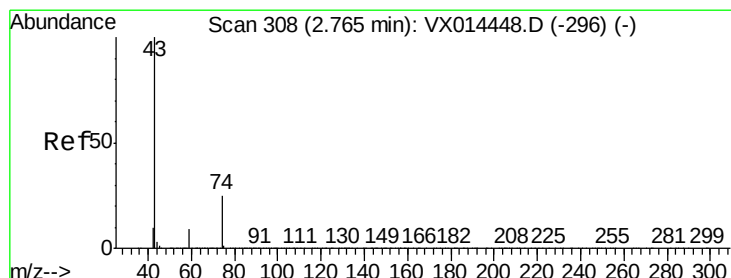
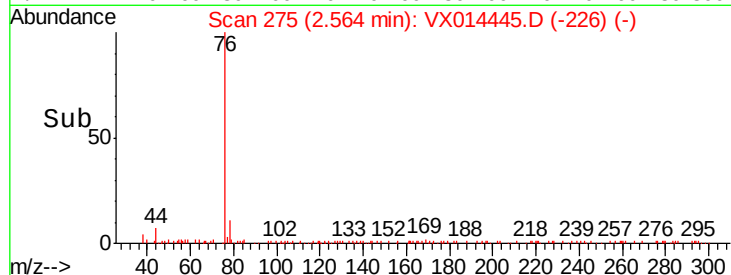
2.56

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 1.095 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014445.D

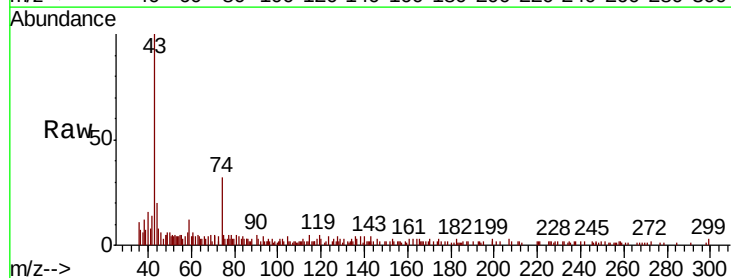
Acq: 07 Jan 2020 13:35

Tgt Ion: 43 Resp: 9113

Ion Ratio Lower Upper

43 100

74 36.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

5000

4000

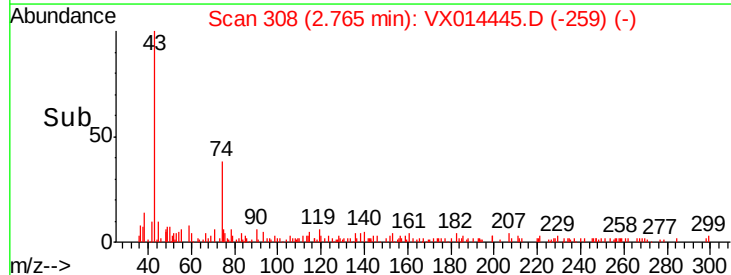
3000

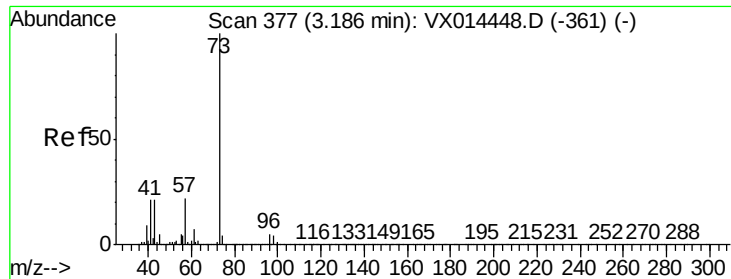
2000

1000

0

Time-->

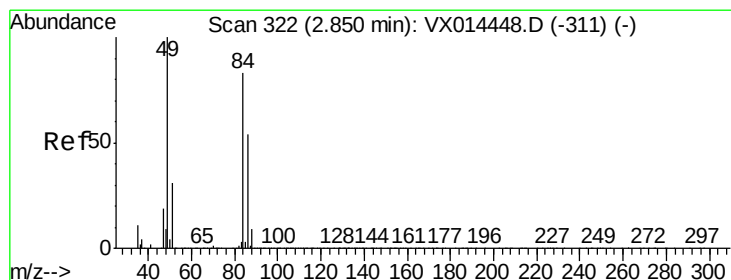
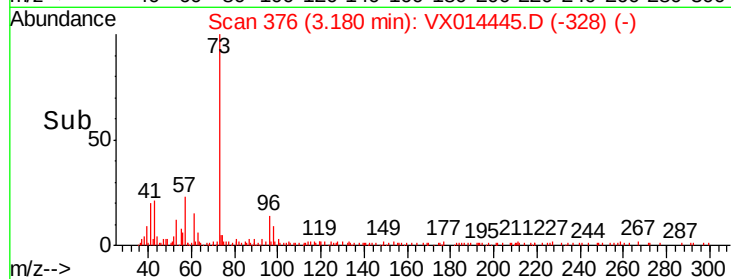
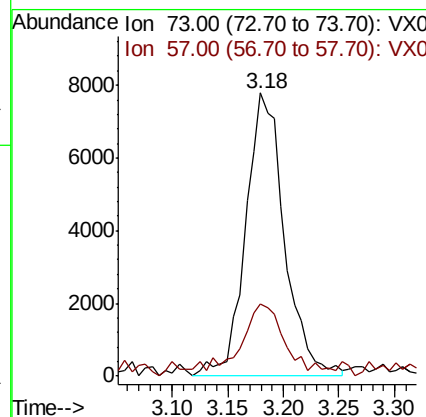
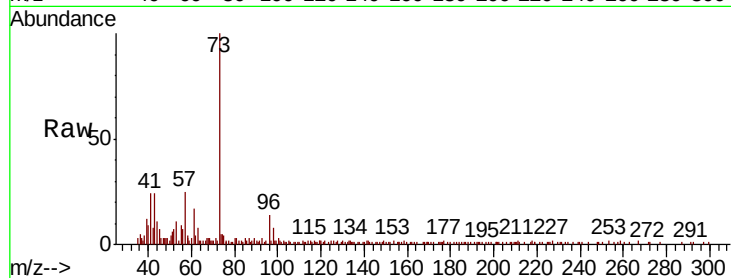




#19
Methyl tert-butyl Ether
Concen: 1.076 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

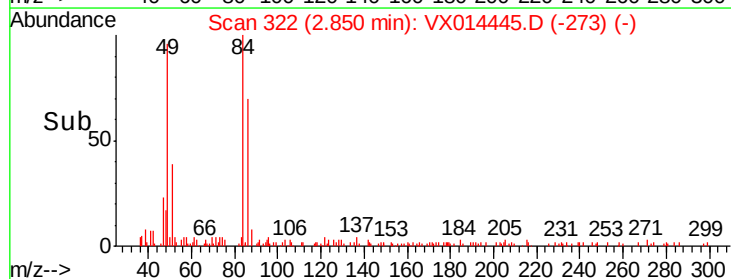
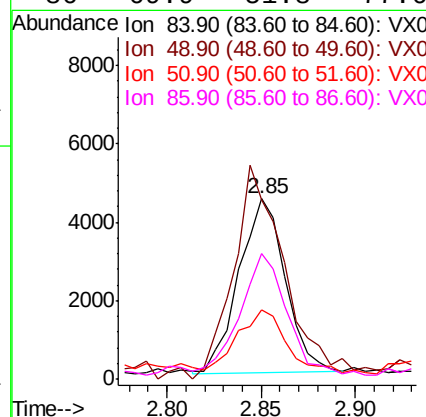
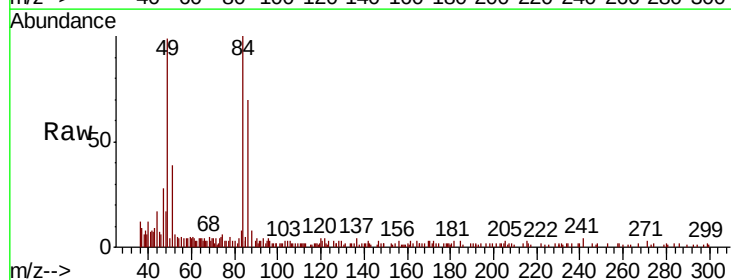
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

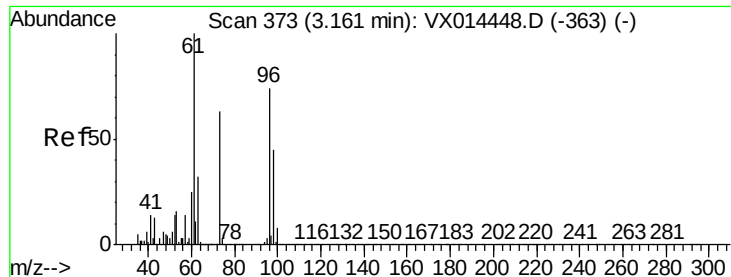
Tot Ion: 73 Resp: 18878
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 1.179 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 84 Resp: 7577
Ion Ratio Lower Upper
84 100
49 103.4 95.8 143.8
51 33.7 30.2 45.4
86 69.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 1.289 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

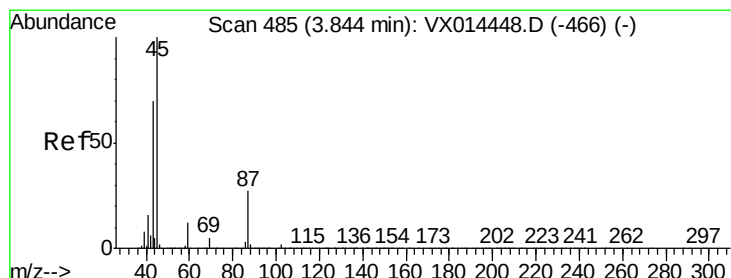
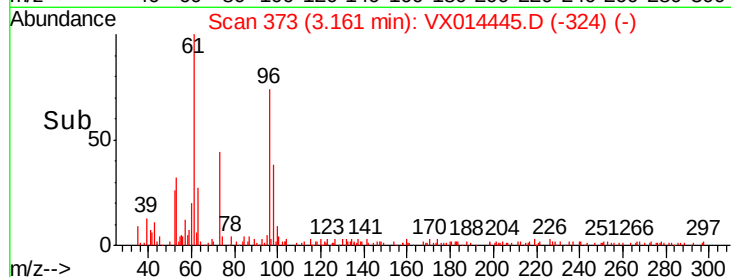
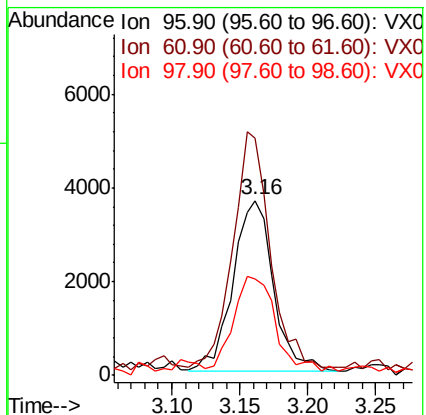
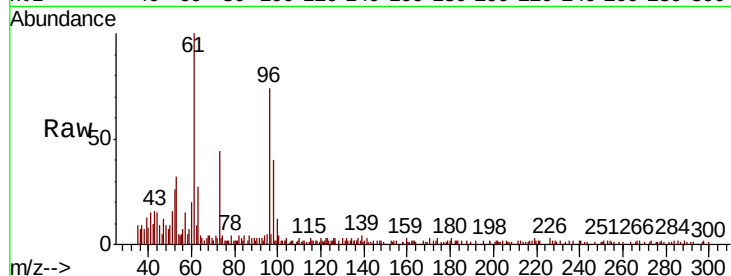
Tot Ion: 96 Resp: 7585

Ion Ratio Lower Upper

96 100

61 134.3 108.2 162.4

98 53.8 48.8 73.2



#22

Diisopropyl ether

Concen: 1.024 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Tgt Ion: 45 Resp: 19417

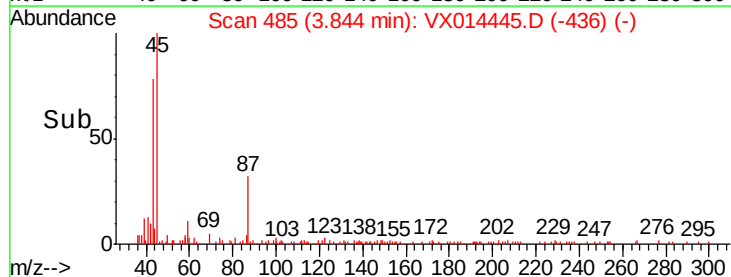
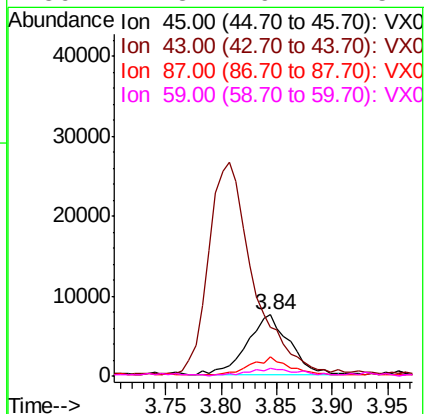
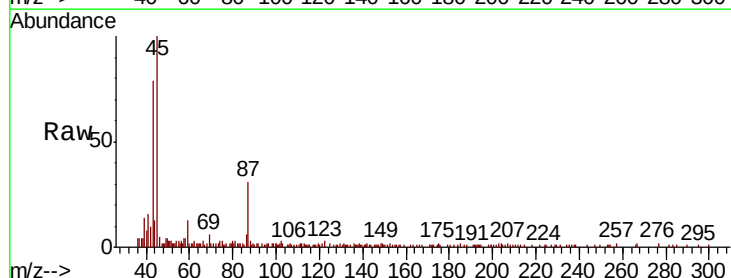
Ion Ratio Lower Upper

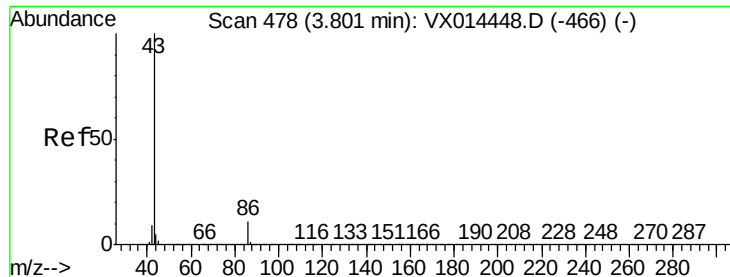
45 100

43 71.8 55.8 83.6

87 30.2 21.8 32.8

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 4.831 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

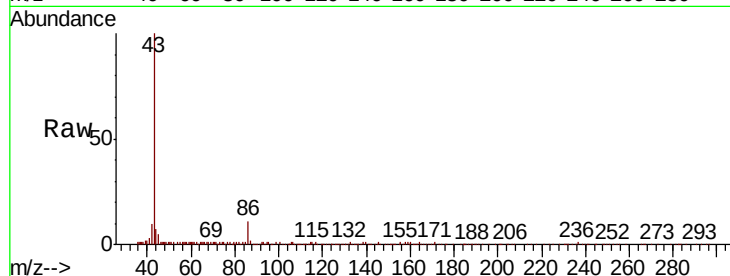
VSTDIC001

Tot Ion: 43 Resp: 73780

Ion Ratio Lower Upper

43 100

86 10.3 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

25000

20000

15000

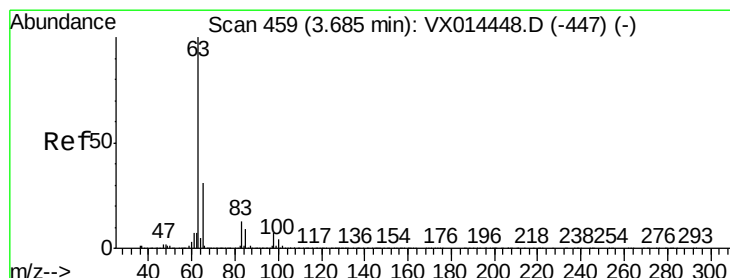
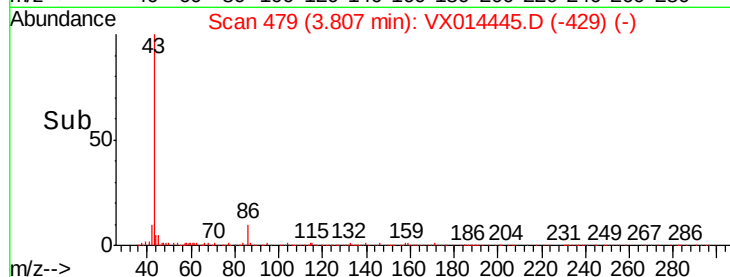
10000

5000

0

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 0.998 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

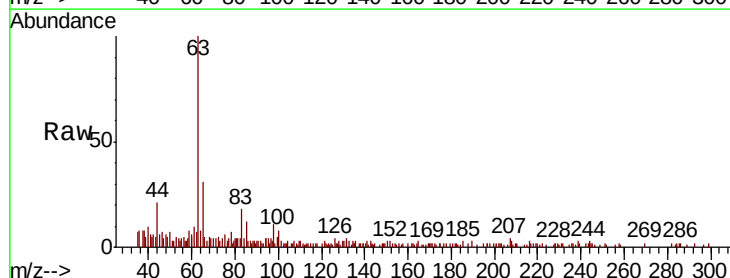
Tgt Ion: 63 Resp: 10529

Ion Ratio Lower Upper

63 100

98 9.9 3.6 10.9

100 6.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

6000

5000

4000

3000

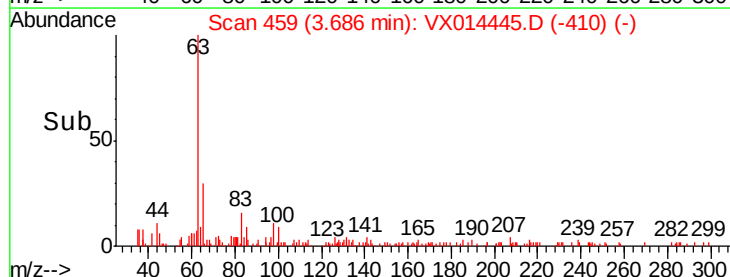
2000

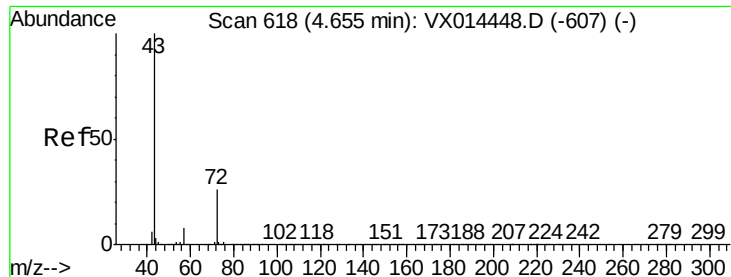
1000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 5.076 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

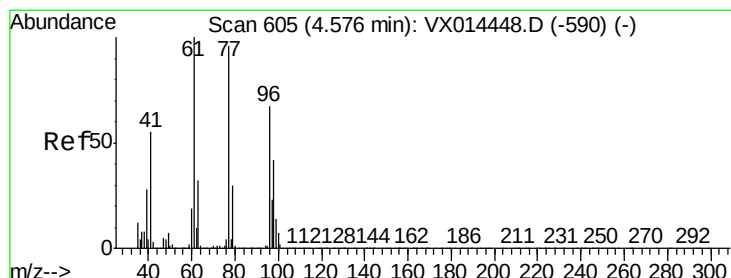
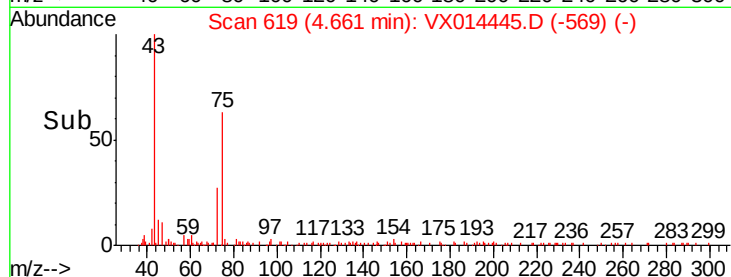
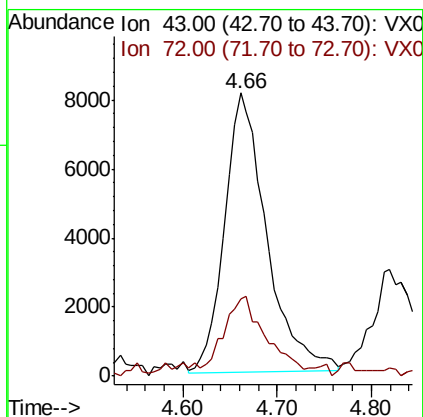
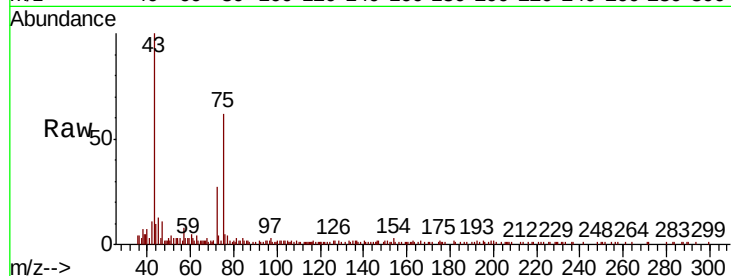
VSTDIC001

Tot Ion: 43 Resp: 25120

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 1.193 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014445.D

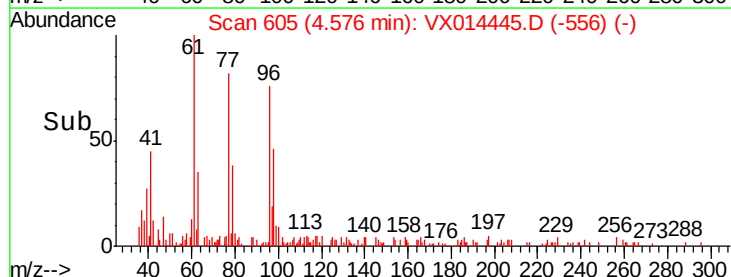
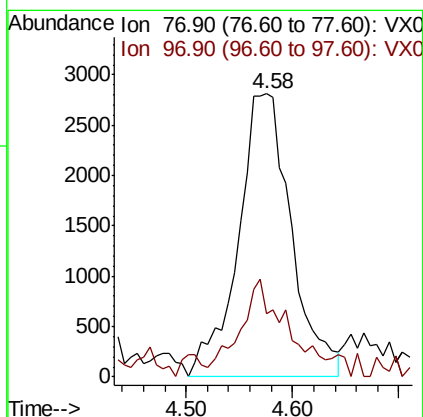
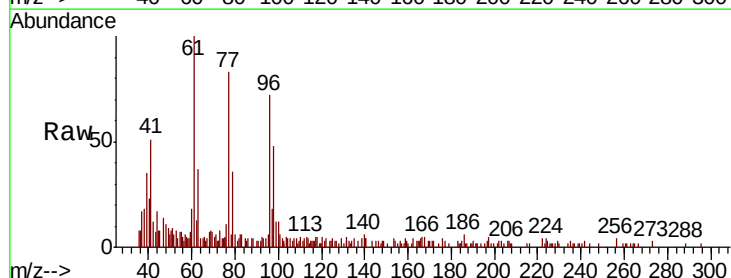
Acq: 07 Jan 2020 13:35

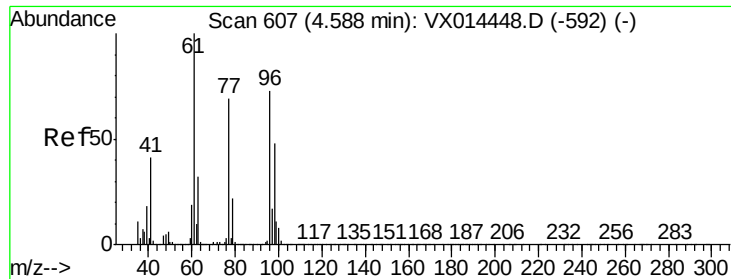
Tgt Ion: 77 Resp: 9851

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1



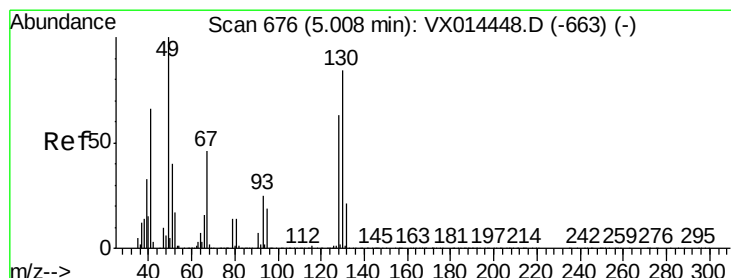
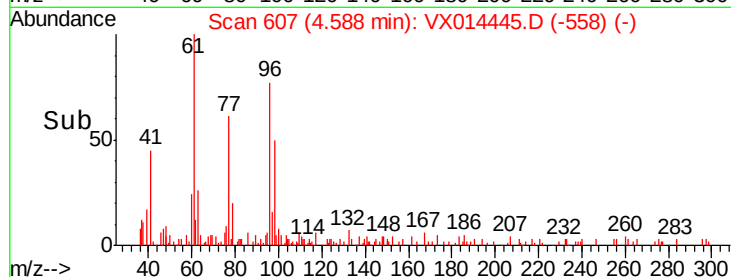
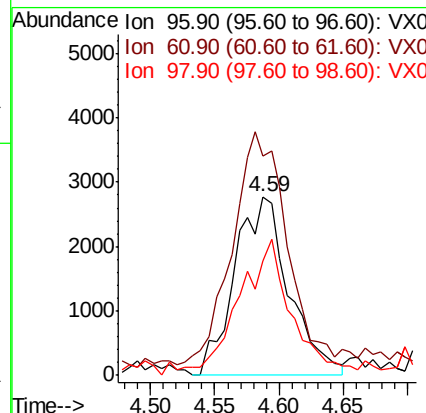
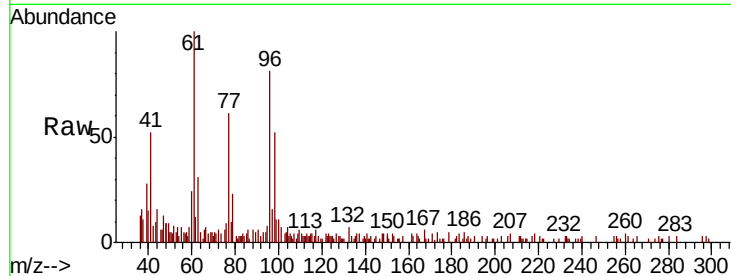


#27

cis-1,2-Dichloroethene
 Concen: 1.221 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

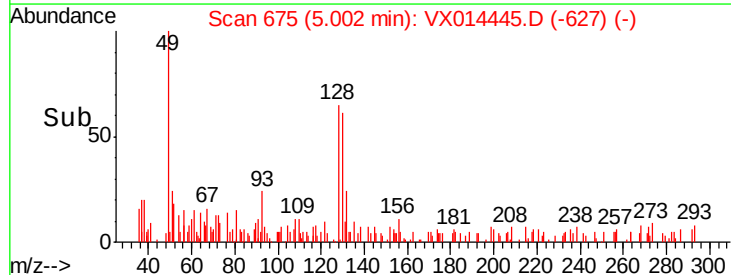
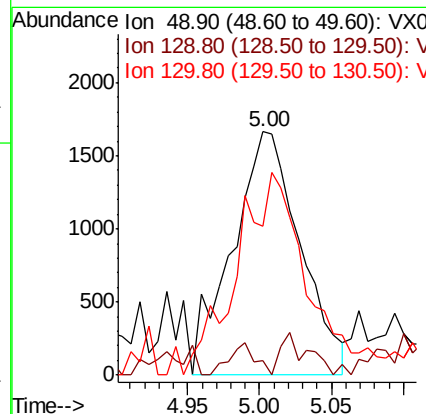
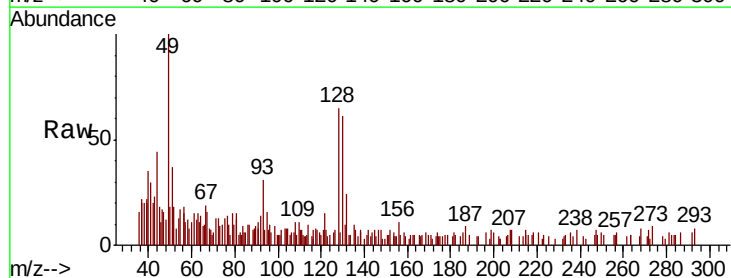
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	285.4
98	67.3	0.0	130.6

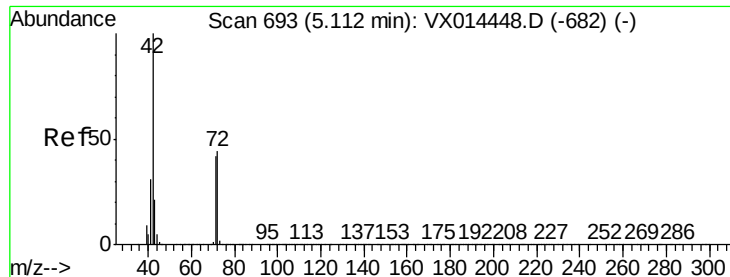


#28

Bromochloromethane
 Concen: 1.493 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	6.8	0.0	4.4#
130	88.4	67.0	100.4





#29

Tetrahydrofuran

Concen: 4.716 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

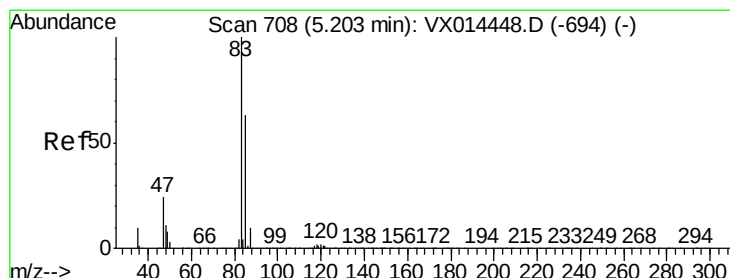
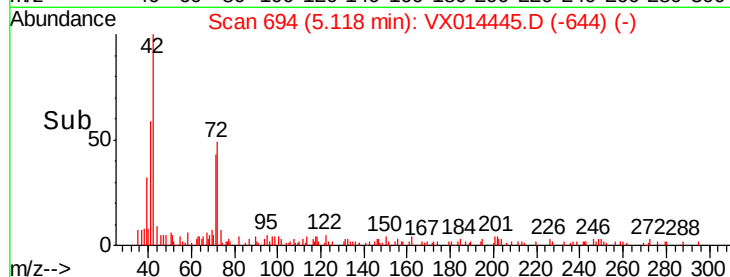
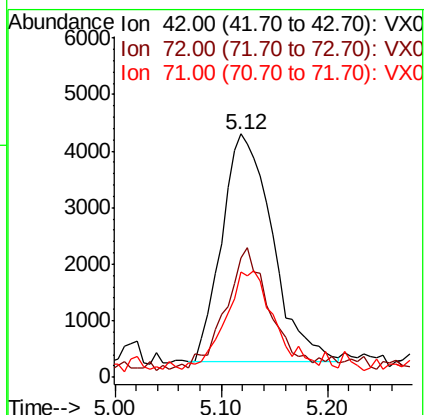
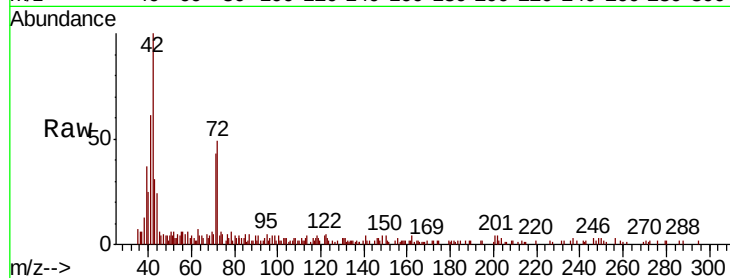
Tot Ion: 42 Resp: 13302

Ion Ratio Lower Upper

42 100

72 46.7 36.2 54.4

71 44.0 34.1 51.1



#30

Chloroform

Concen: 1.102 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014445.D

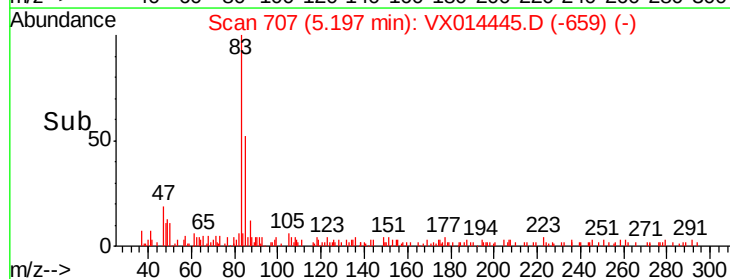
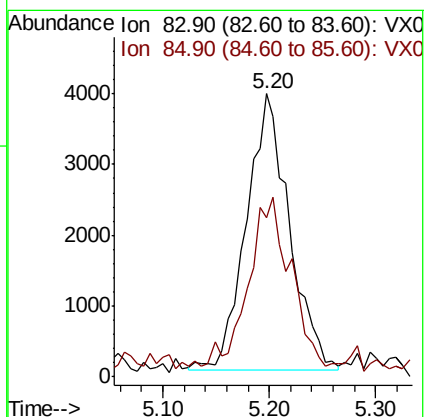
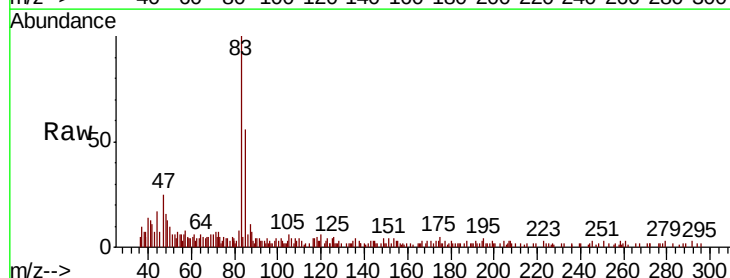
Acq: 07 Jan 2020 13:35

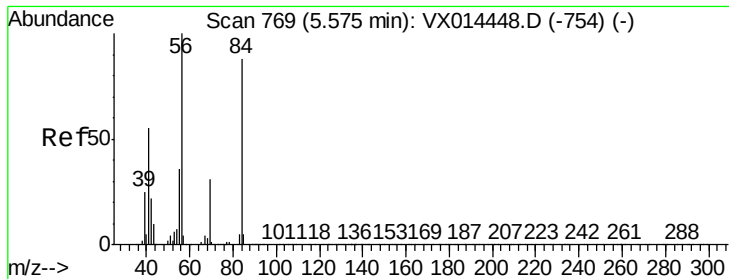
Tgt Ion: 83 Resp: 11012

Ion Ratio Lower Upper

83 100

85 54.4 50.6 75.8

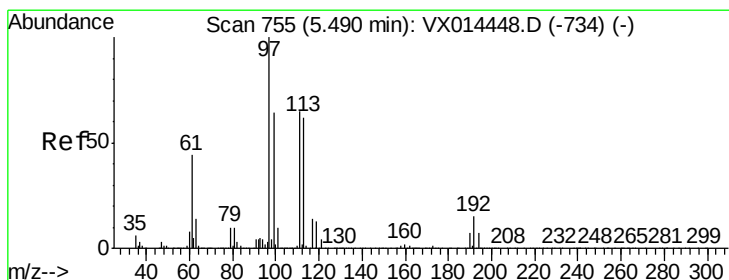
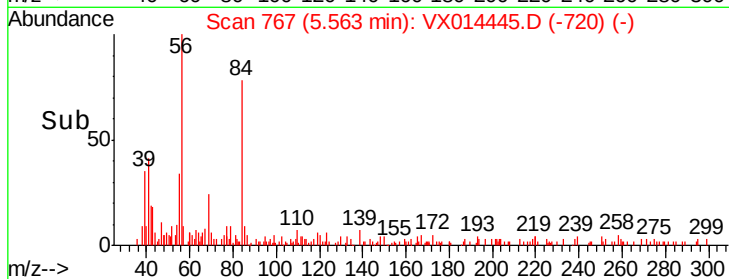
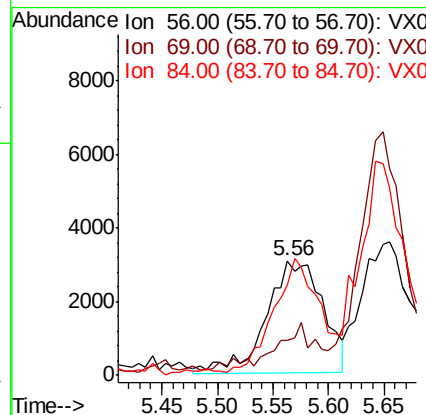
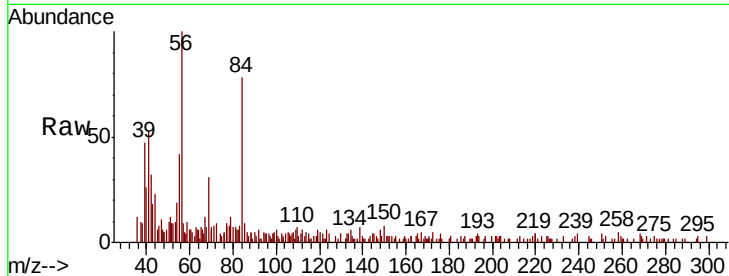




#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

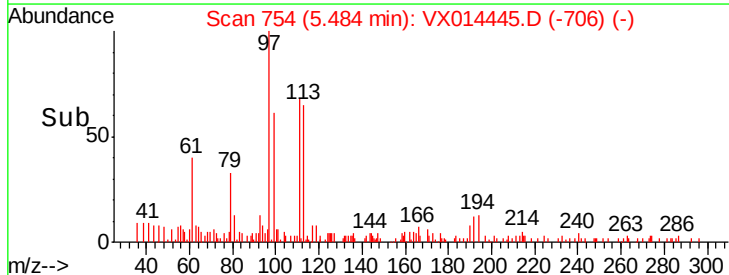
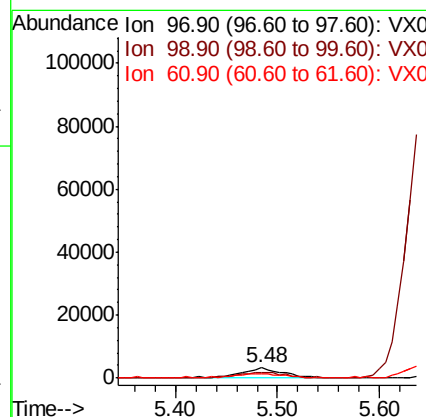
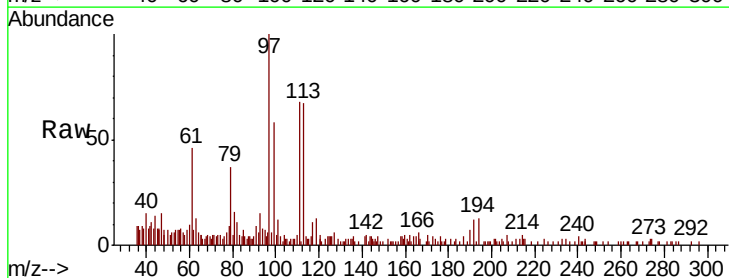
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

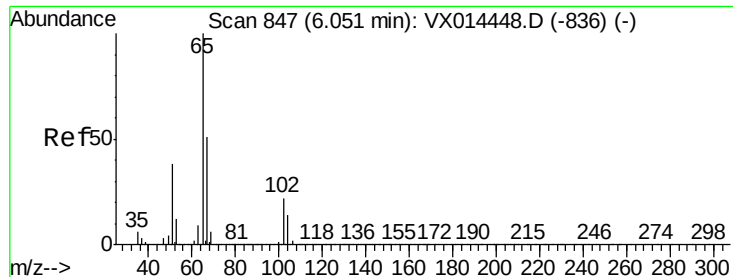
Tot Ion: 56 Resp: 10876
Ion Ratio Lower Upper
56 100
69 24.2 24.4 36.6#
84 79.0 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 1.016 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 97 Resp: 8685
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 60.3 35.9 53.9#





#33

1,2-Dichloroethane-d4

Concen: 1.282 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

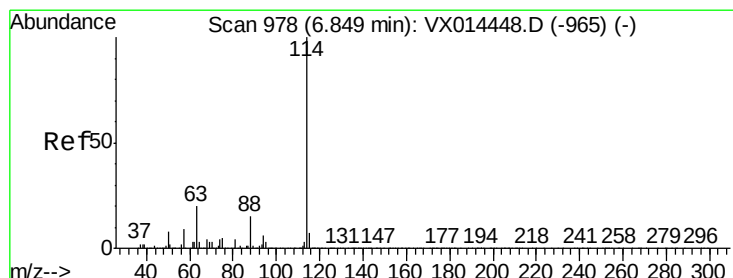
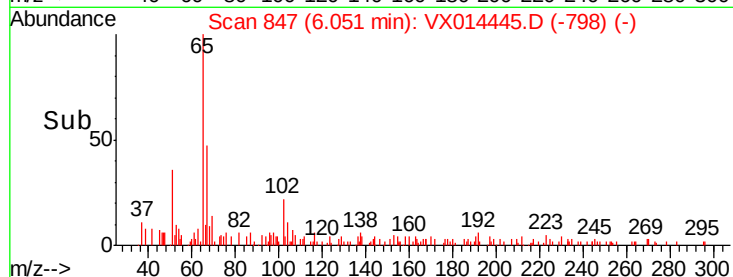
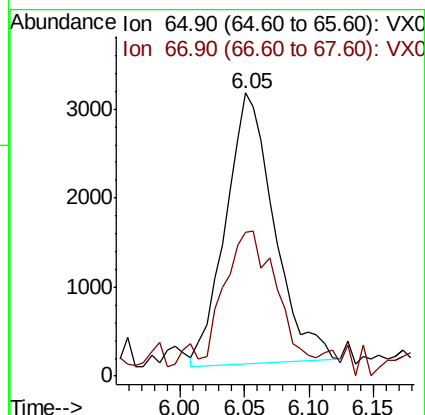
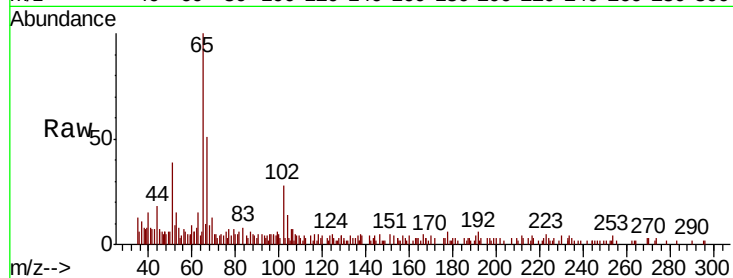
VSTDIC001

Tot Ion: 65 Resp: 7970

Ion Ratio Lower Upper

65 100

67 55.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

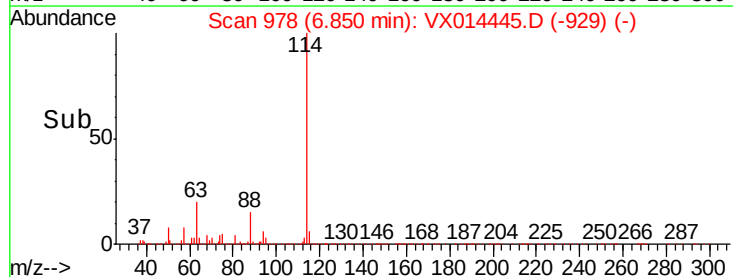
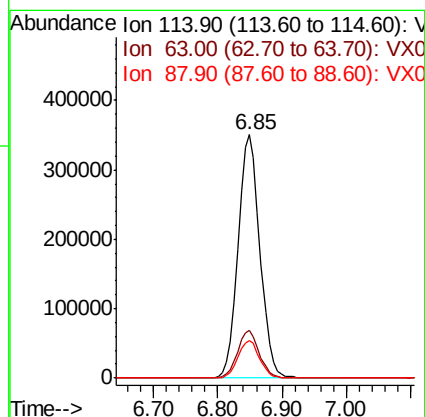
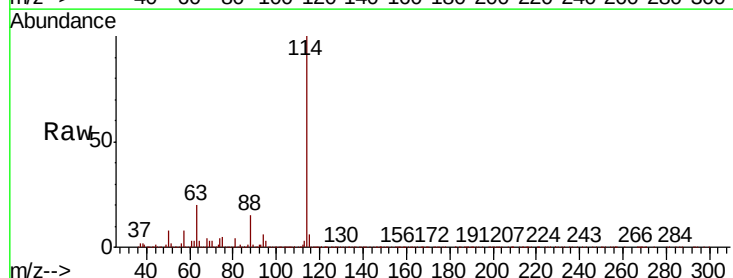
Tgt Ion: 114 Resp: 821169

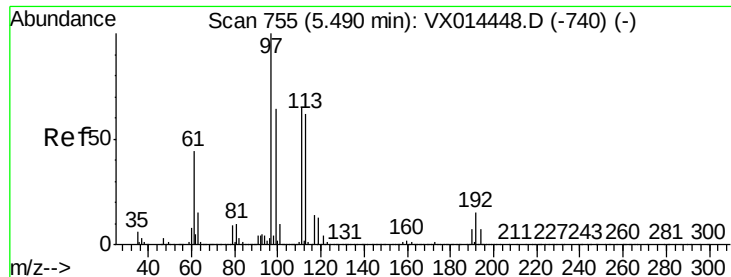
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 1.414 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

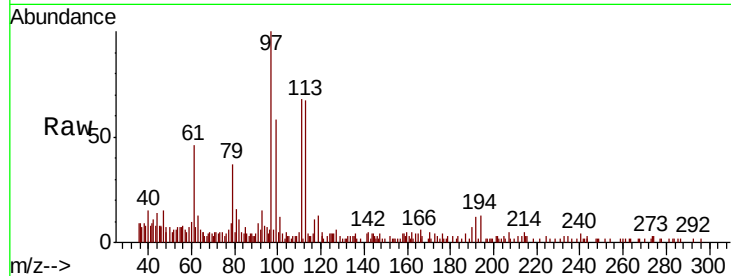
Tot Ion:113 Resp: 7050

Ion Ratio Lower Upper

113 100

111 92.8 81.5 122.3

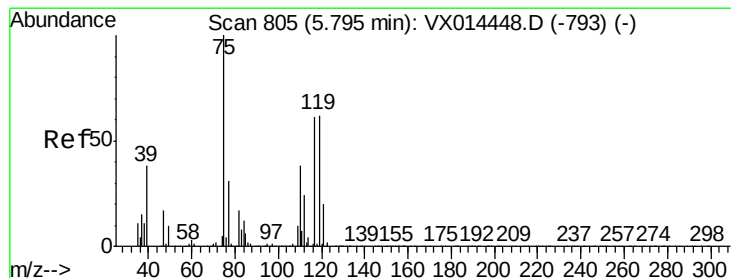
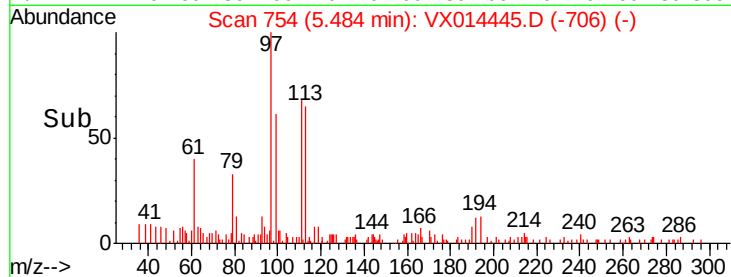
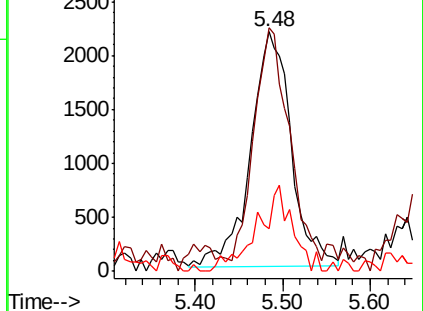
192 31.6 19.2 28.8#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.195 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

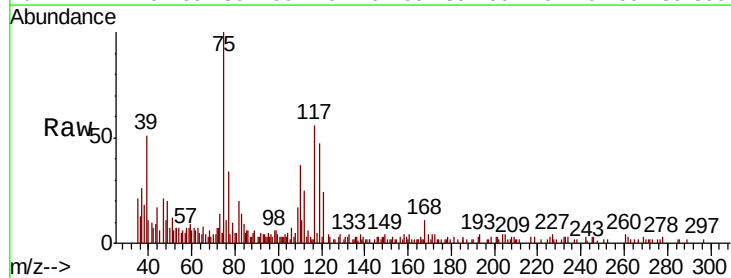
Tgt Ion: 75 Resp: 9084

Ion Ratio Lower Upper

75 100

110 48.1 18.6 55.8

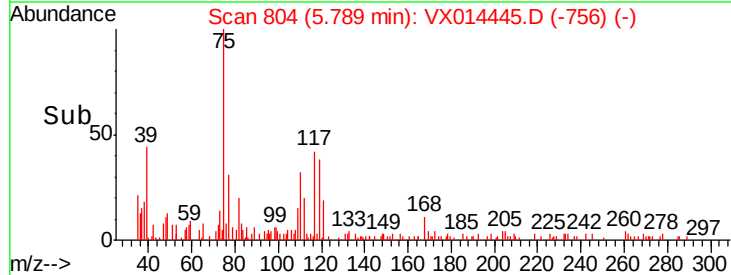
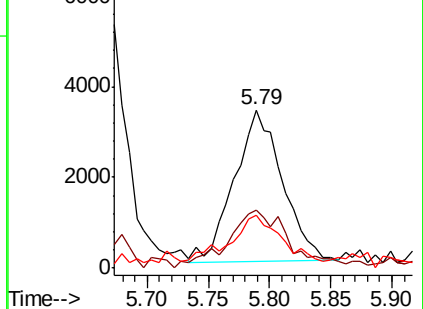
77 33.6 24.5 36.7

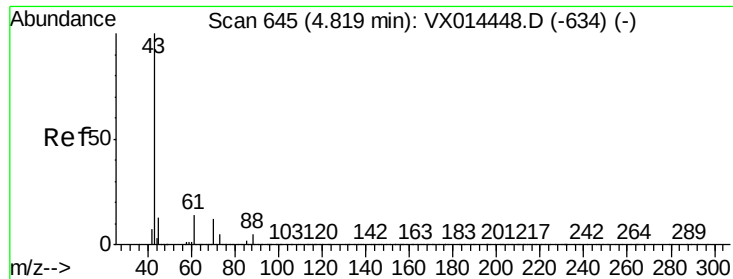


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

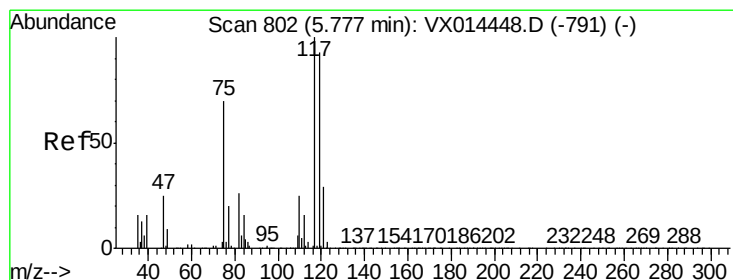
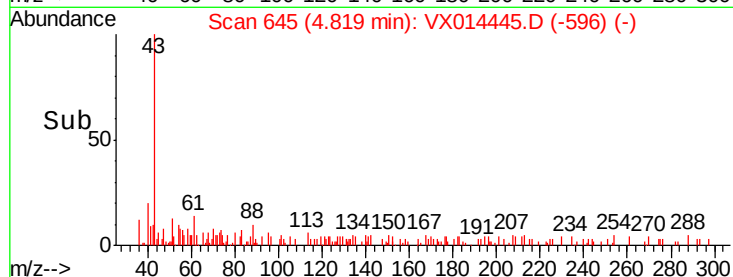
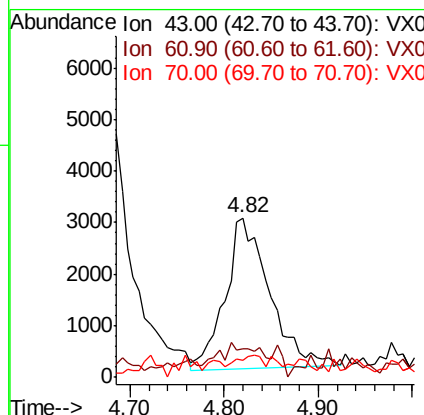
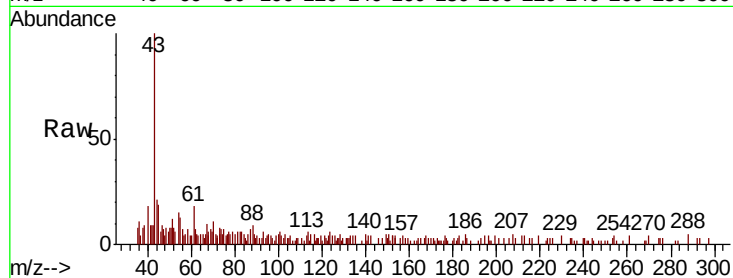




#37
Ethyl Acetate
Concen: 1.139 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

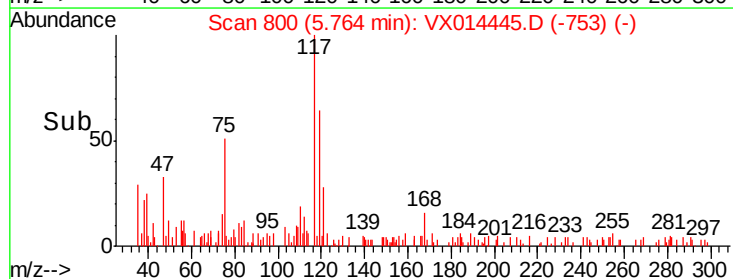
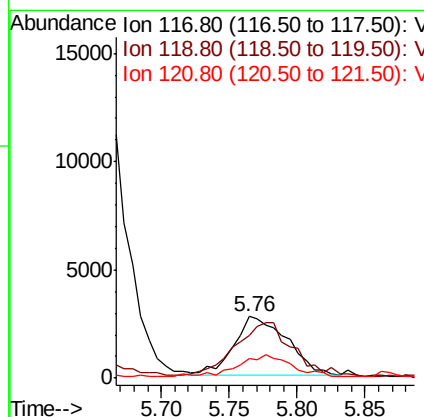
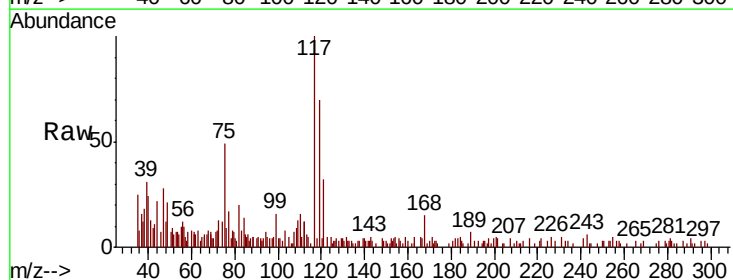
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

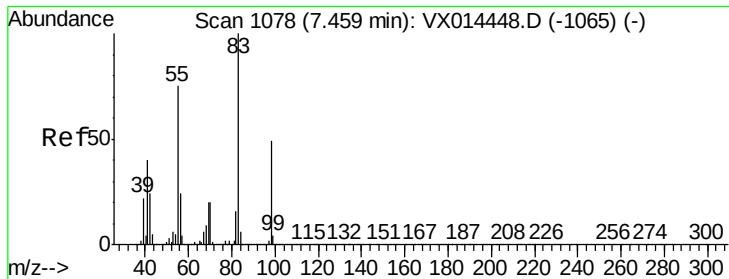
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	4.1	8.9	13.3#



#38
Carbon Tetrachloride
Concen: 1.054 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	68.3	73.8	110.8#
121	30.8	23.4	35.0

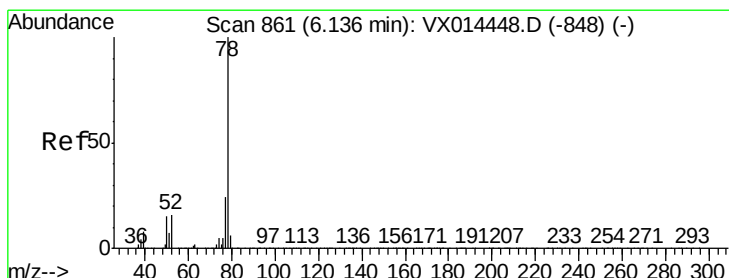
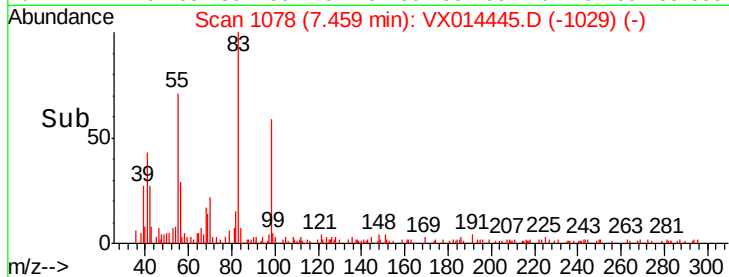
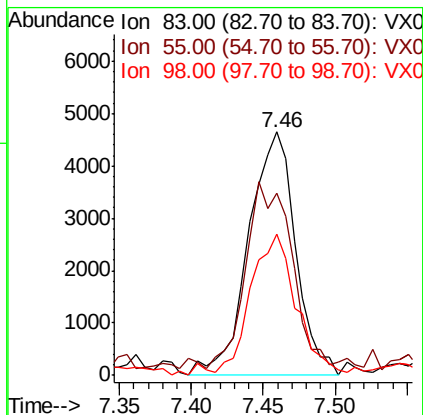
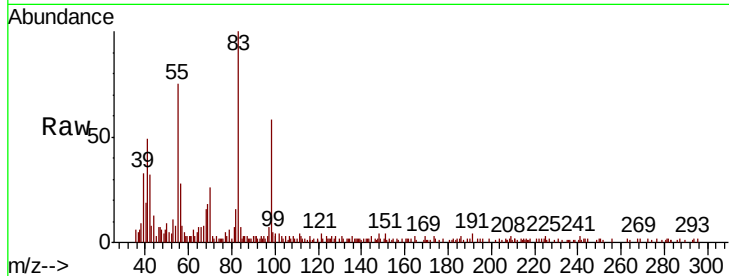




#39
Methylvlcyclohexane
Concen: 1.112 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

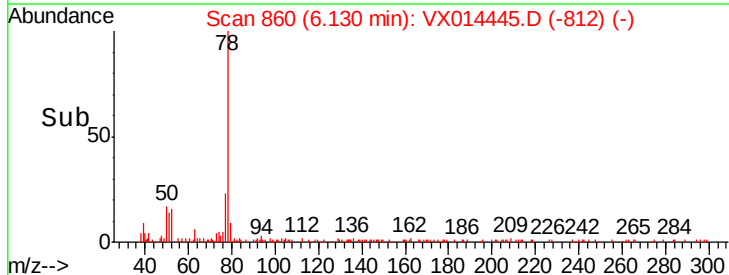
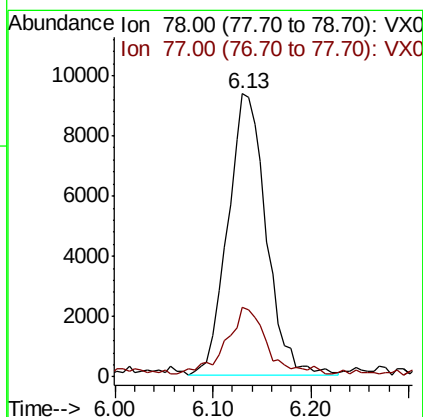
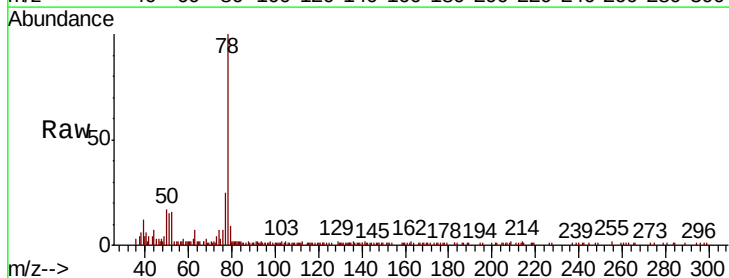
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

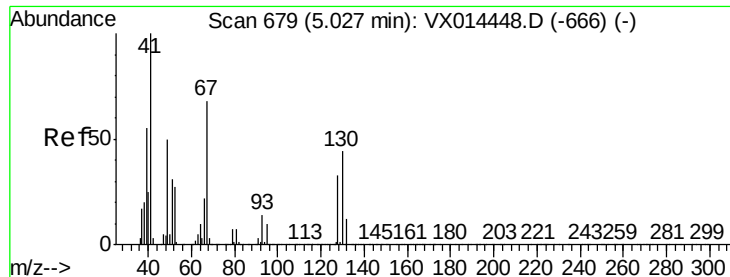
Tot Ion: 83 Resp: 10509
Ion Ratio Lower Upper
83 100
55 69.3 59.7 89.5
98 57.8 39.1 58.7



#40
Benzene
Concen: 1.089 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 78 Resp: 25363
Ion Ratio Lower Upper
78 100
77 22.1 19.5 29.3

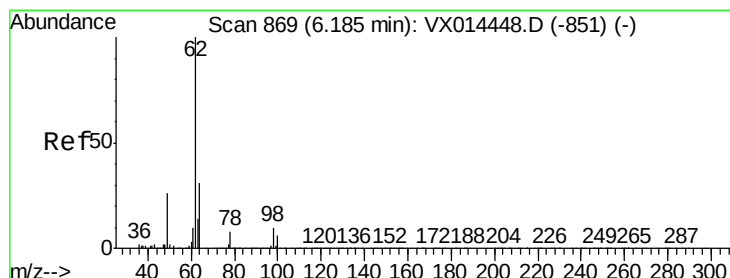
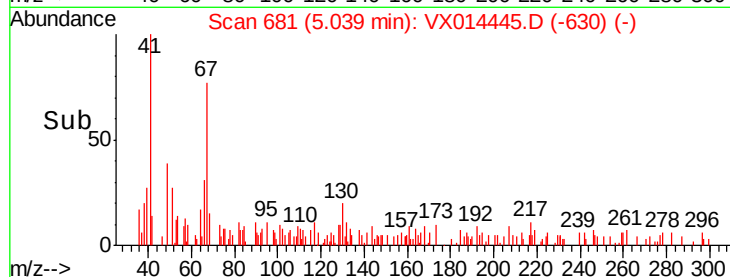
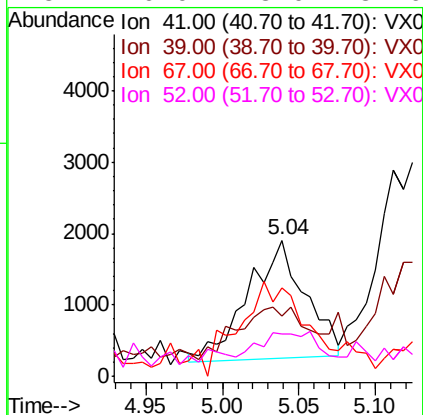
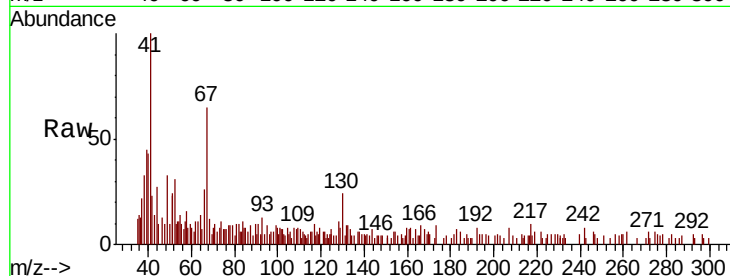




#41
Methacrylonitrile
Concen: 0.922 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

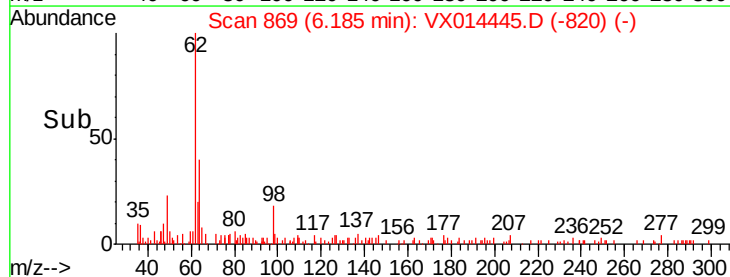
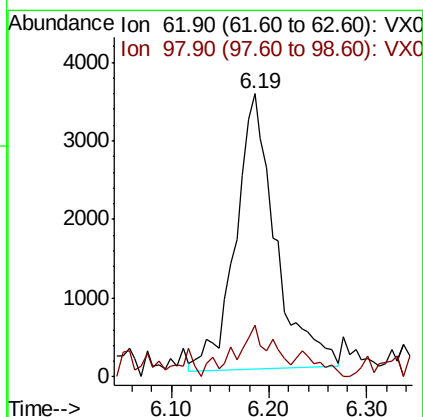
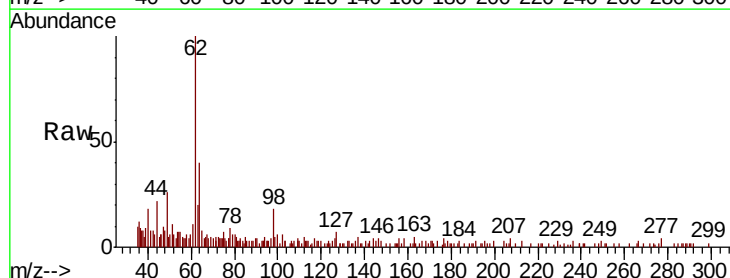
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

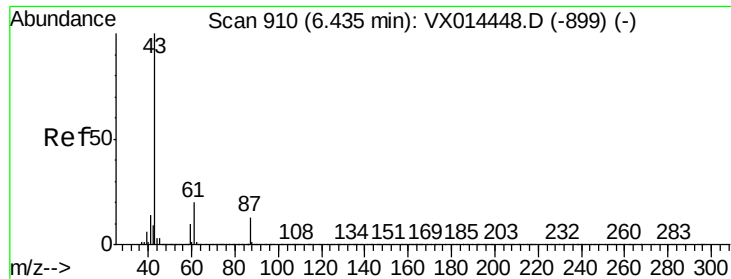
Tot Ion:	41	Resp:	4281
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.6	65.4
67	82.0	57.9	86.9
52	0.0	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 1.252 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion:	62	Resp:	9891
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 1.001 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

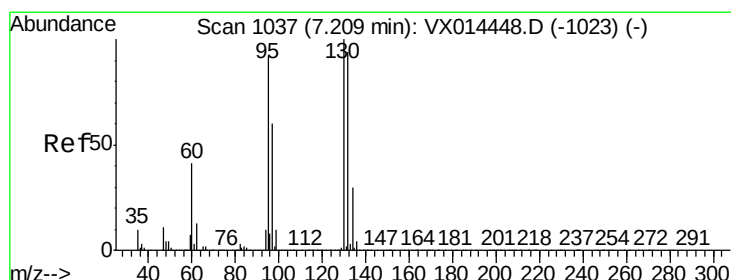
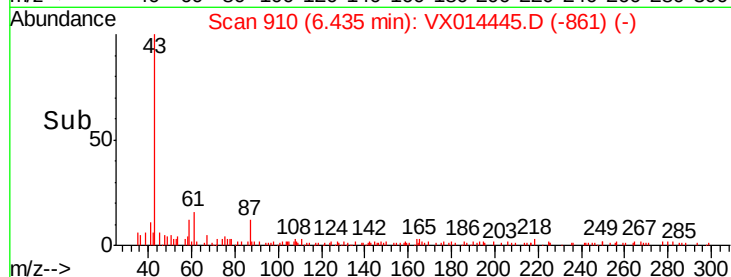
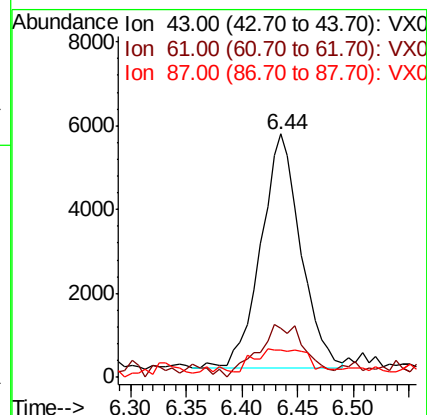
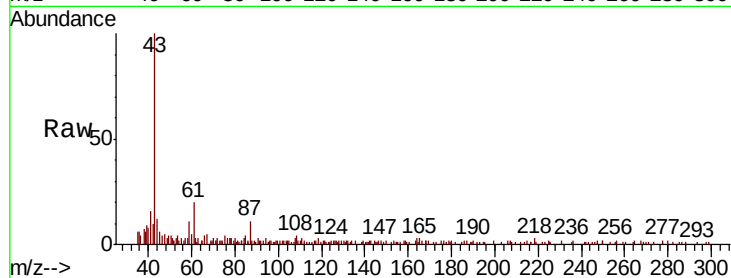
Tot Ion: 43 Resp: 13840

Ion Ratio Lower Upper

43 100

61 26.8 16.6 24.8#

87 13.0 10.8 16.2



#44

Trichloroethene

Concen: 1.204 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014445.D

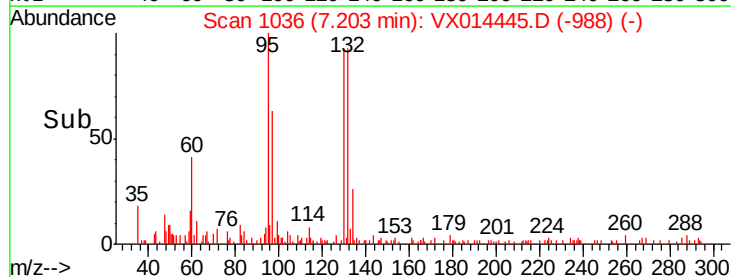
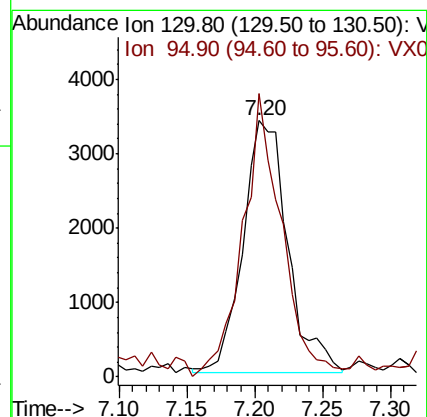
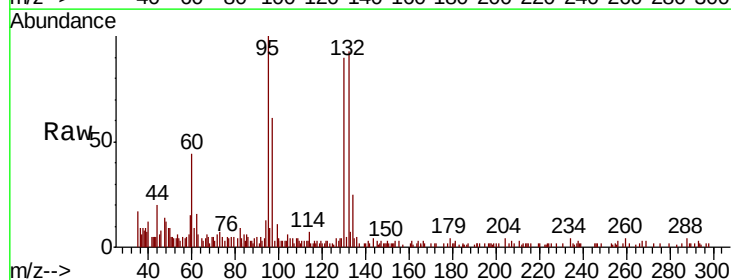
Acq: 07 Jan 2020 13:35

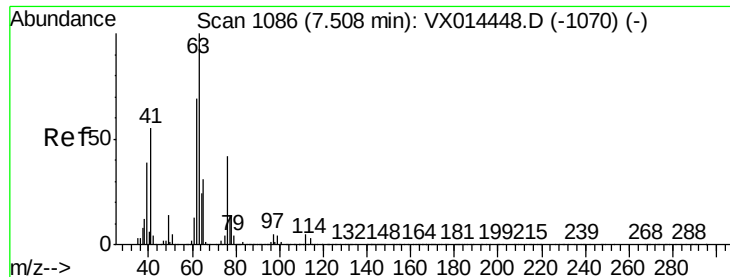
Tgt Ion:130 Resp: 7820

Ion Ratio Lower Upper

130 100

95 113.7 0.0 184.2

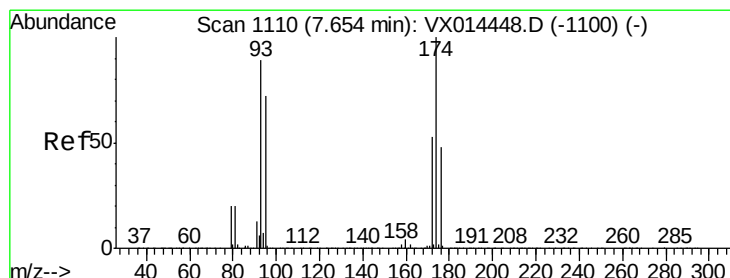
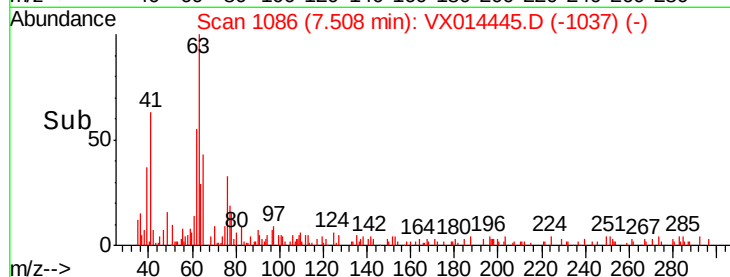
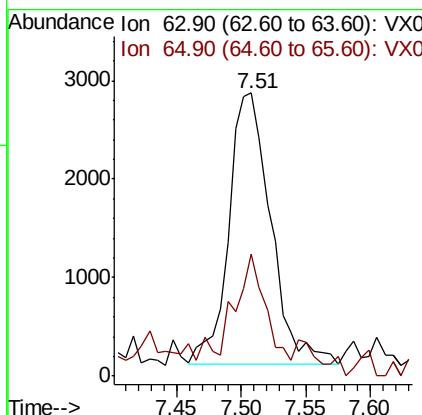
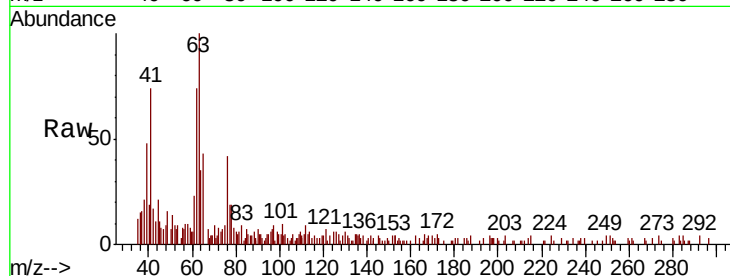




#45
 1,2-Dichloropropane
 Concen: 1.040 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

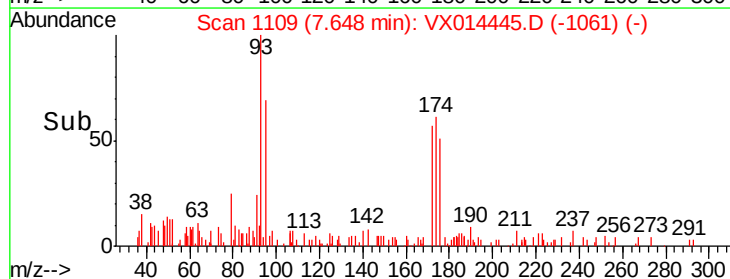
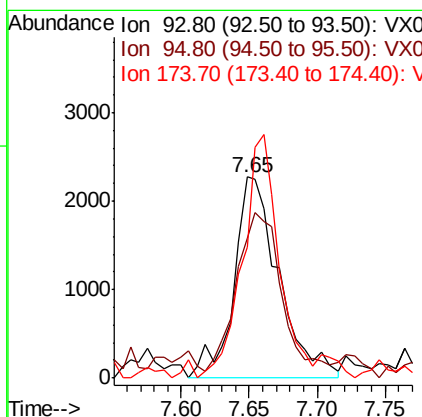
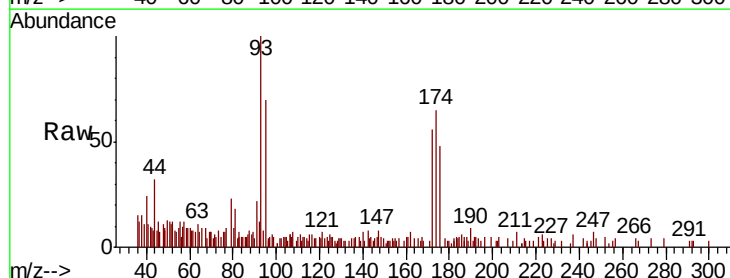
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

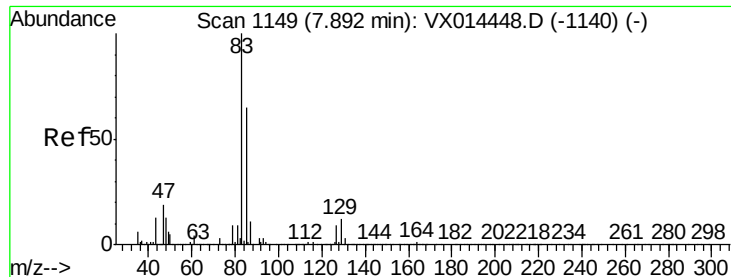
Tot Ion: 63 Resp: 6211
 Ion Ratio Lower Upper
 63 100
 65 38.0 24.8 37.2#



#46
 Dibromomethane
 Concen: 1.323 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion: 93 Resp: 5239
 Ion Ratio Lower Upper
 93 100
 95 77.4 65.4 98.2
 174 97.5 93.0 139.4





#47

Bromodichloromethane

Concen: 1.069 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

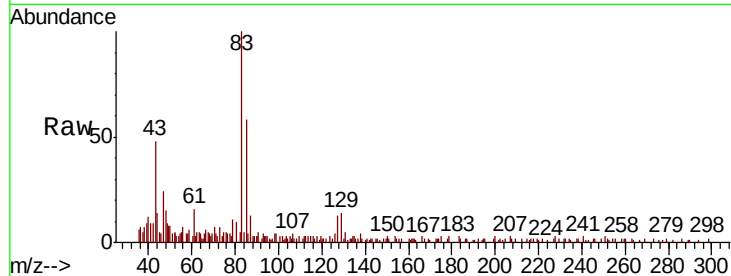
Tot Ion: 83 Resp: 7964

Ion Ratio Lower Upper

83 100

85 55.9 51.7 77.5

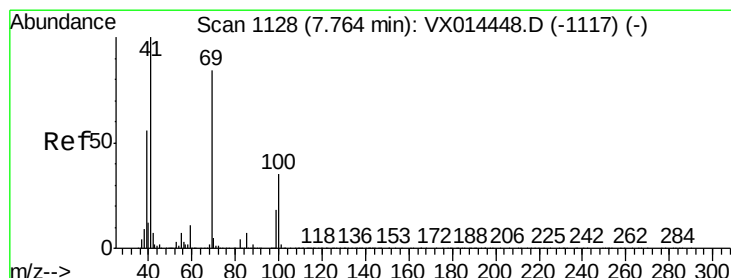
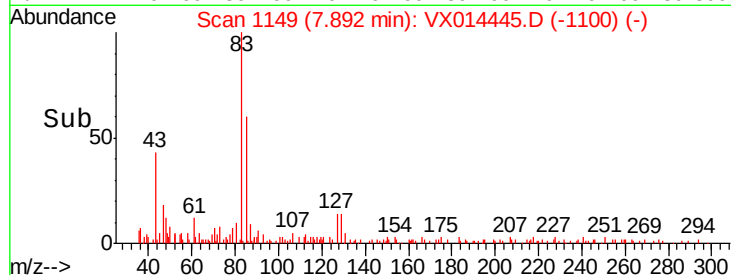
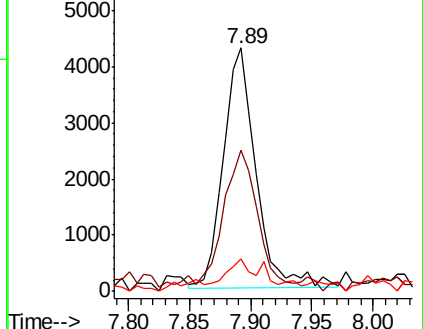
127 10.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.877 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

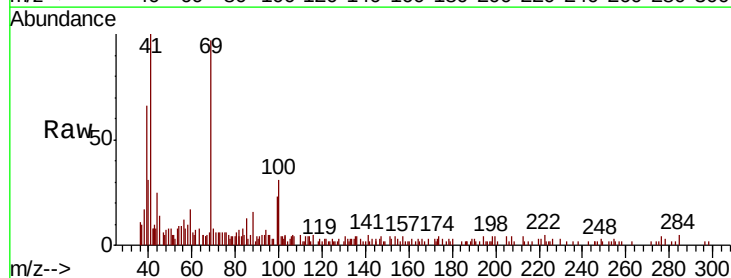
Tgt Ion: 41 Resp: 5935

Ion Ratio Lower Upper

41 100

69 100.8 65.5 98.3#

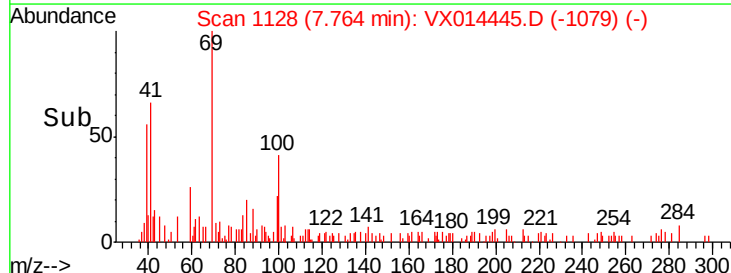
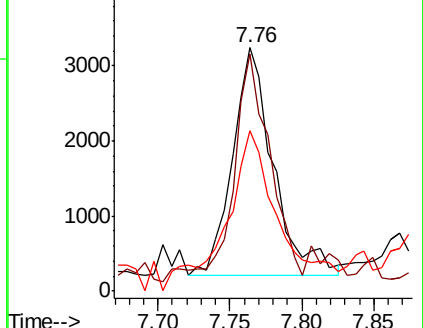
39 93.4 43.9 65.9#

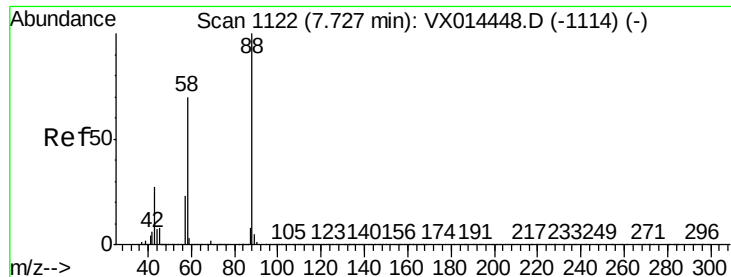


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

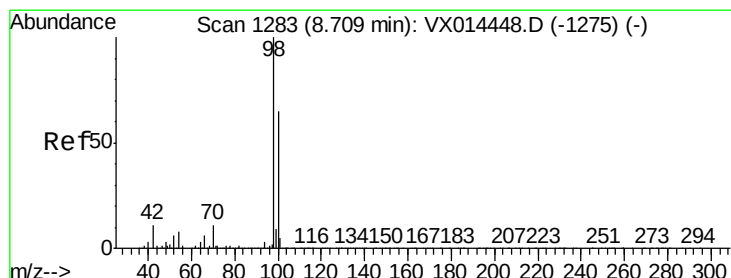
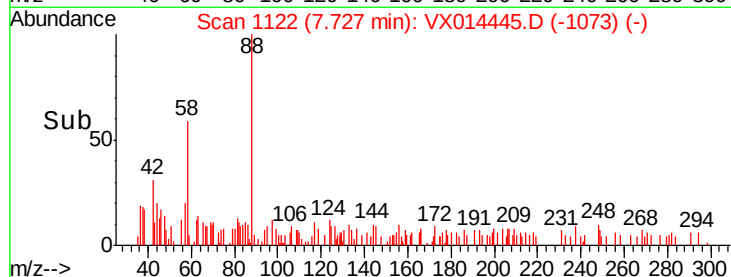
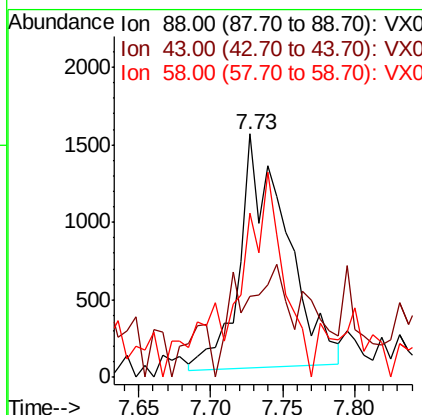
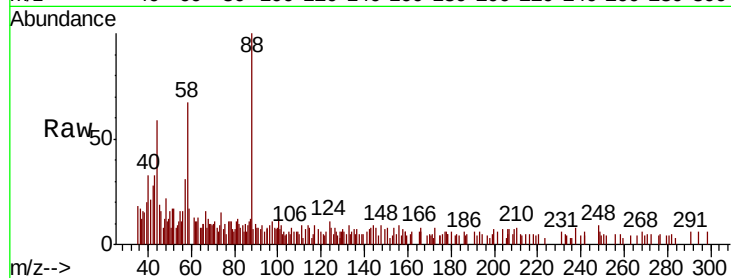




#49
1,4-Dioxane
Concen: 24.678 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

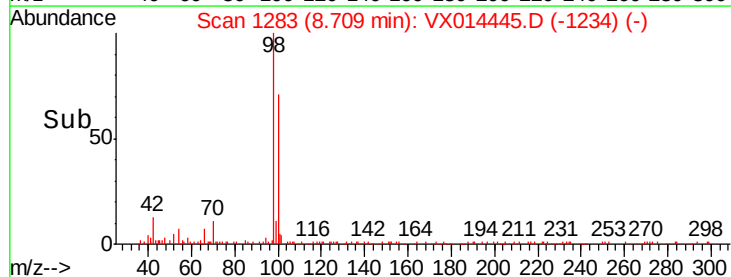
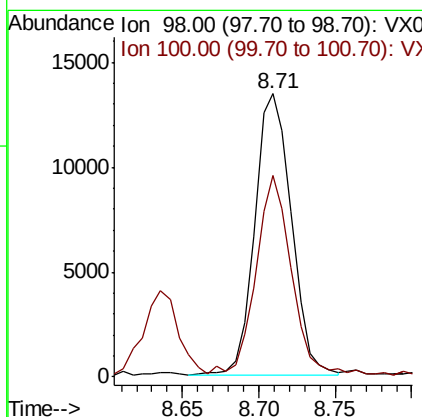
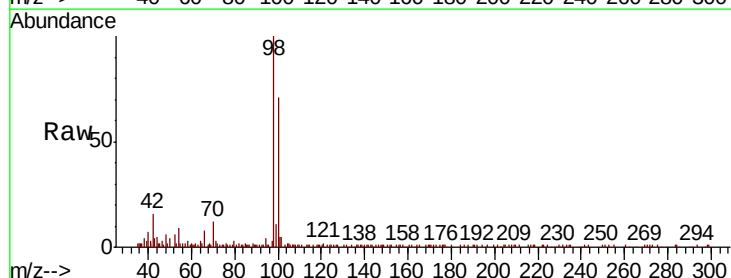
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

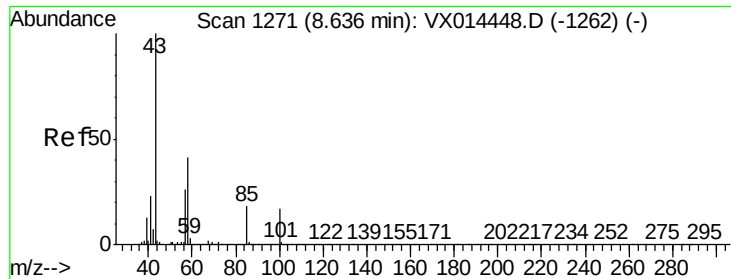
Tot Ion: 88 Resp: 3423
Ion Ratio Lower Upper
88 100
43 13.4 27.4 41.0#
58 68.2 57.1 85.7



#50
Toluene-d8
Concen: 1.152 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 98 Resp: 22253
Ion Ratio Lower Upper
98 100
100 68.9 53.2 79.8

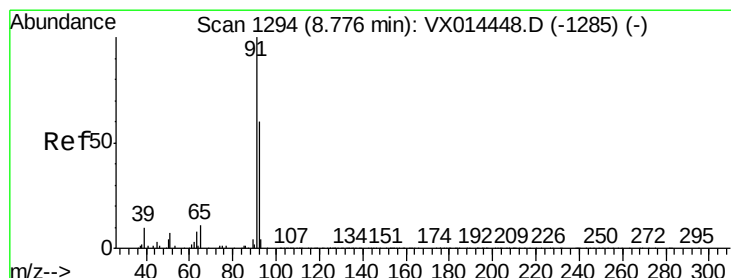
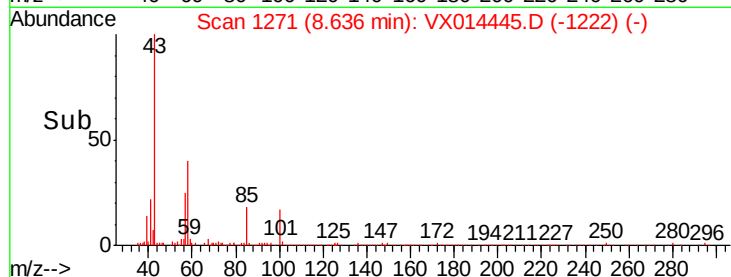
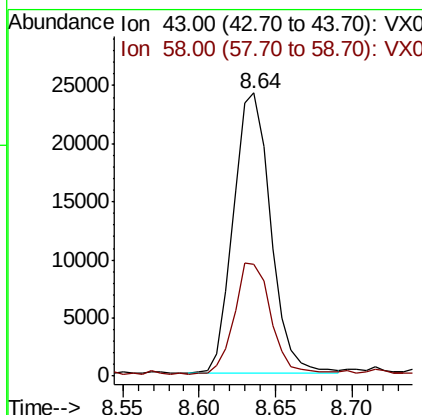
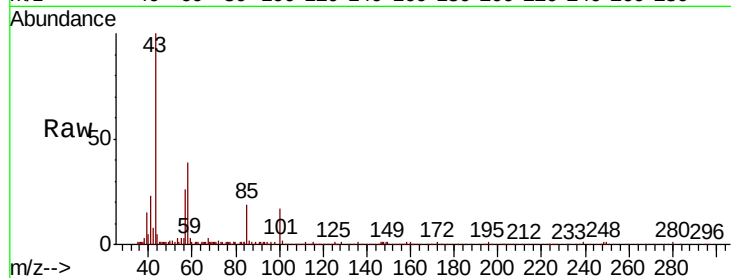




#51
 4-Methyl-2-Pentanone
 Concen: 4.724 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

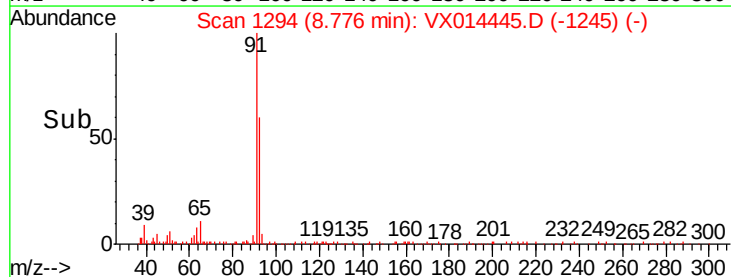
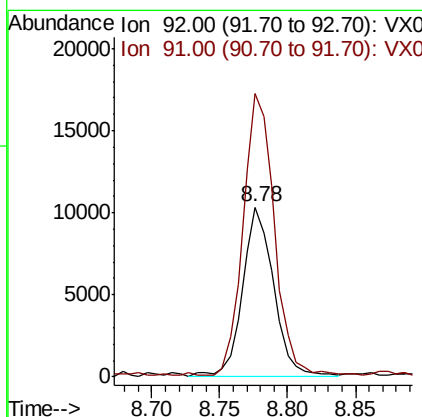
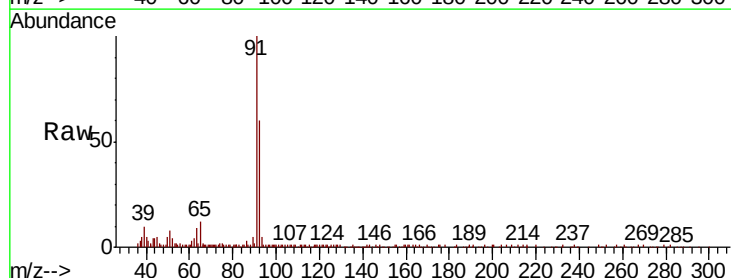
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

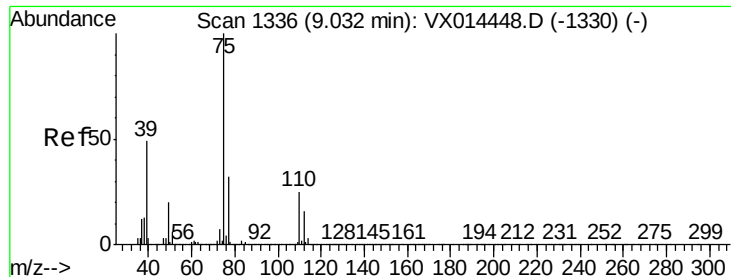
Tot Ion: 43 Resp: 40899
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.4 48.6



#52
 Toluene
 Concen: 1.130 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion: 92 Resp: 16675
 Ion Ratio Lower Upper
 92 100
 91 164.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 1.142 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

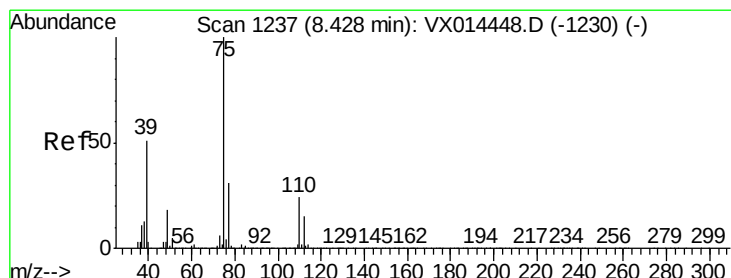
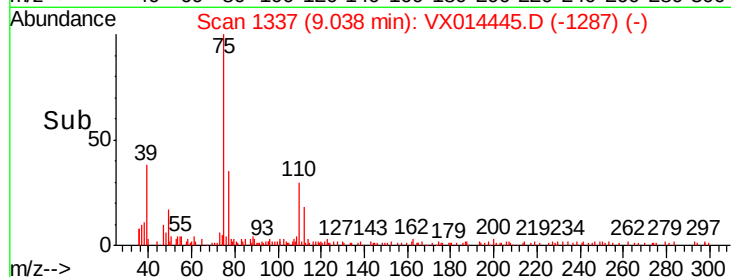
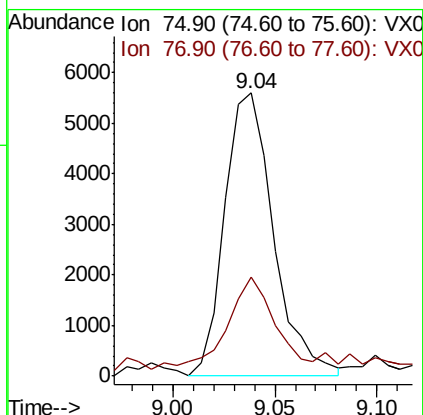
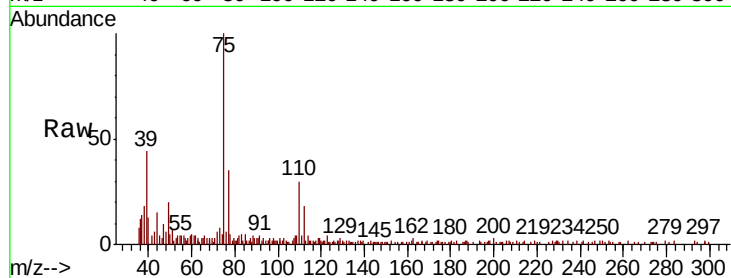
VSTDIC001

Tot Ion: 75 Resp: 9349

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 1.018 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

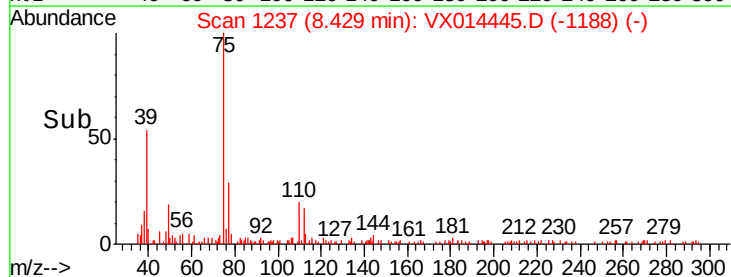
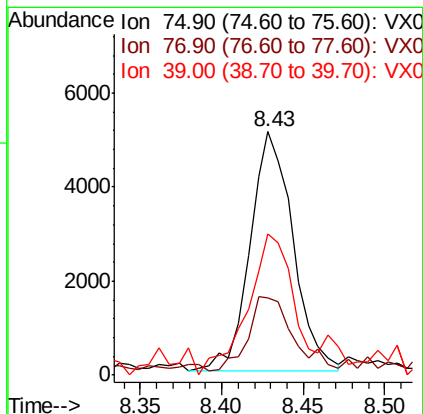
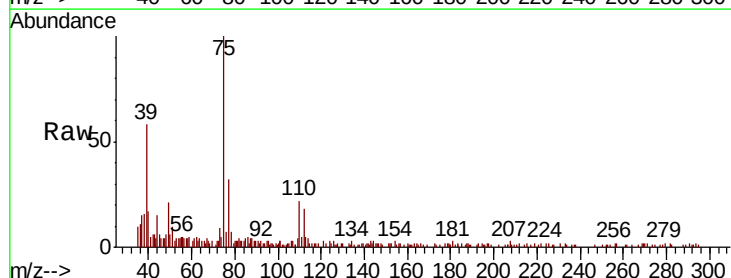
Tgt Ion: 75 Resp: 9282

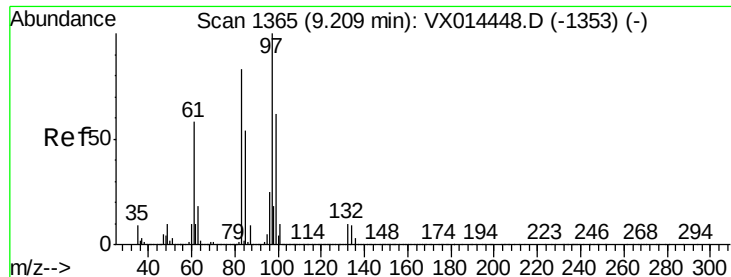
Ion Ratio Lower Upper

75 100

77 29.3 25.0 37.4

39 47.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 1.183 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 6986

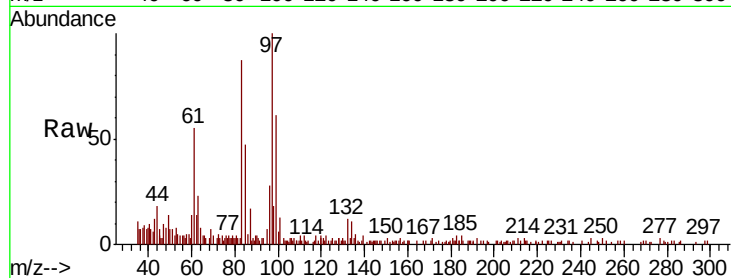
Ion Ratio Lower Upper

97 100

83 84.8 66.4 99.6

85 44.8 43.4 65.2

99 58.8 49.6 74.4

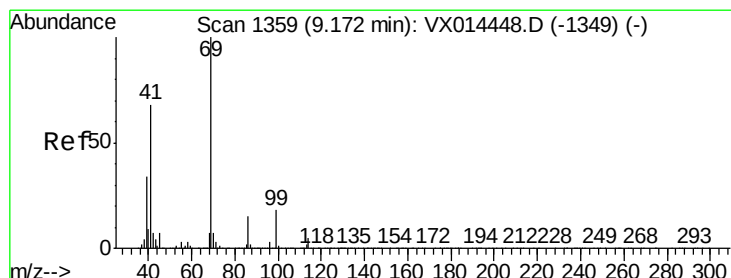
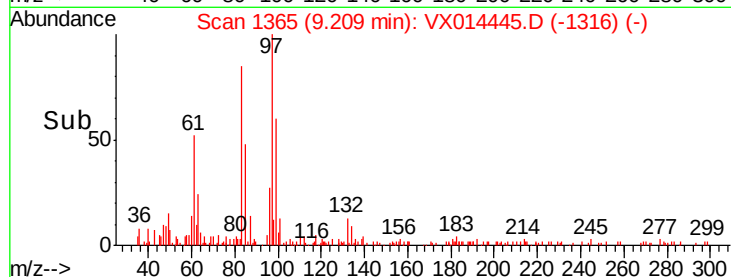
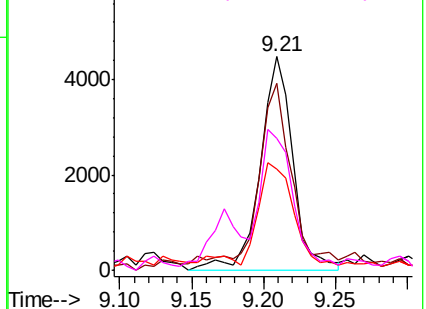


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.894 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

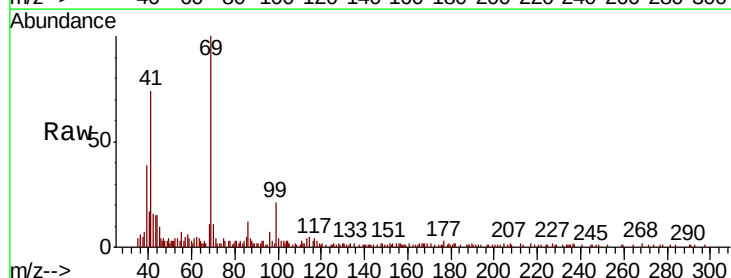
Tgt Ion: 69 Resp: 8269

Ion Ratio Lower Upper

69 100

41 71.8 54.2 81.2

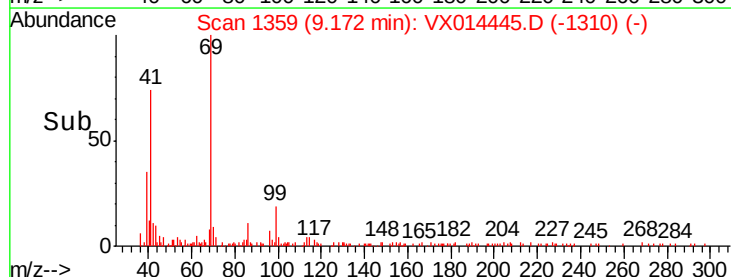
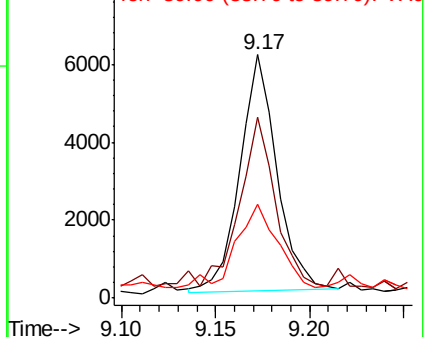
39 40.1 28.2 42.2

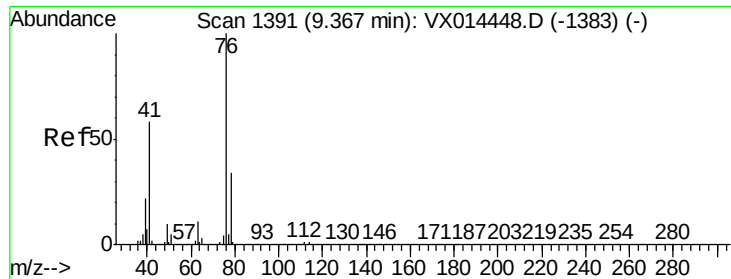


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

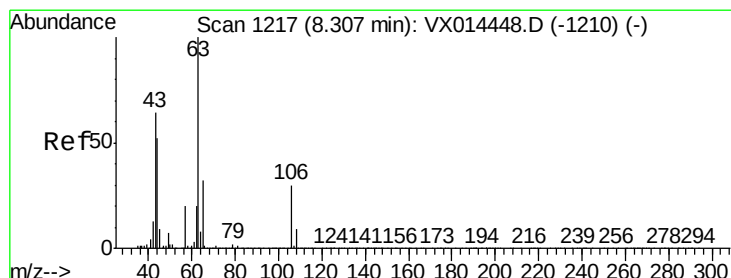
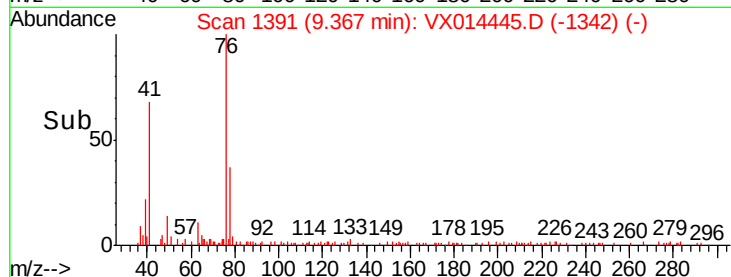
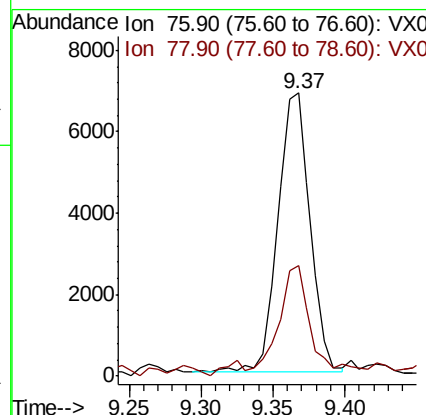
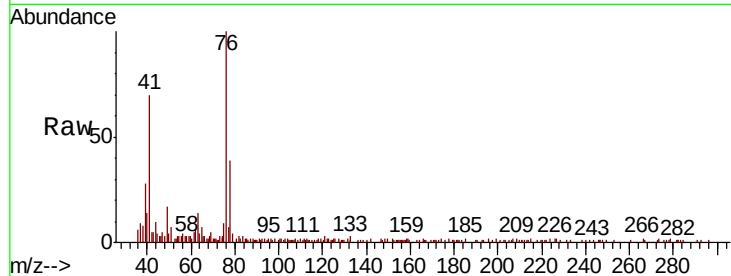




#57
 1,3-Dichloropropane
 Concen: 1.074 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

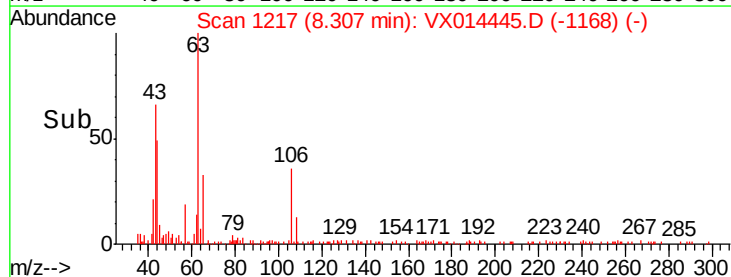
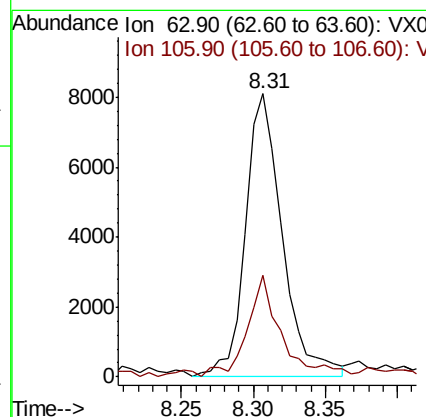
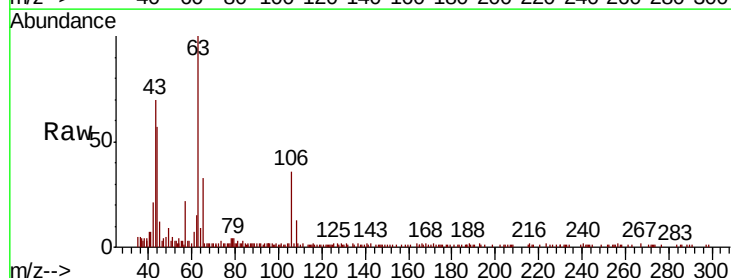
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

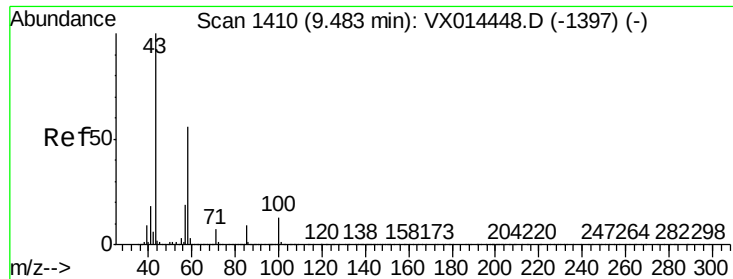
Tot Ion: 76 Resp: 10626
 Ion Ratio Lower Upper
 76 100
 78 38.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.214 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion: 63 Resp: 14398
 Ion Ratio Lower Upper
 63 100
 106 33.2 23.6 35.4

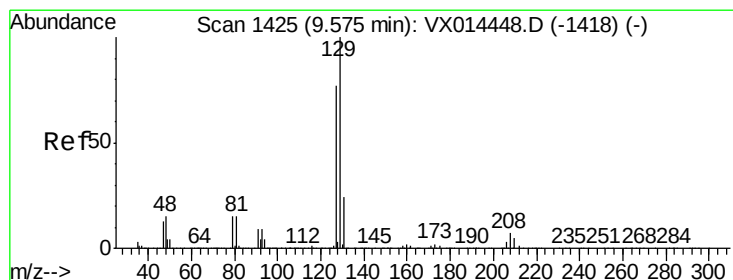
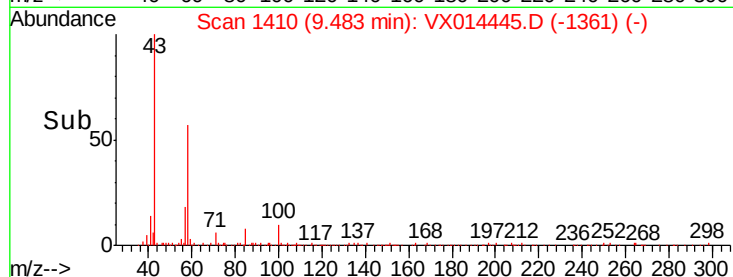
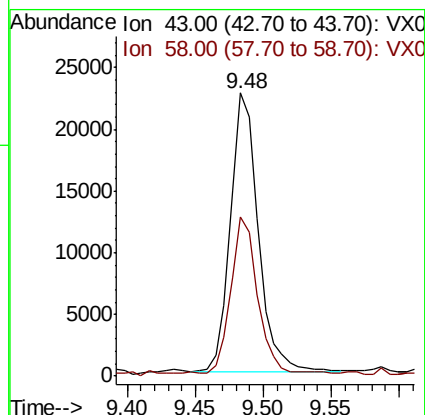
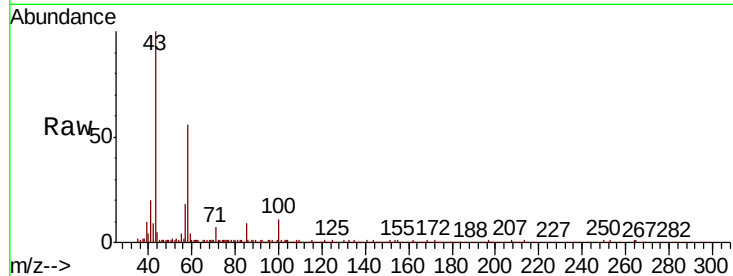




#59
2-Hexanone
Concen: 4.669 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

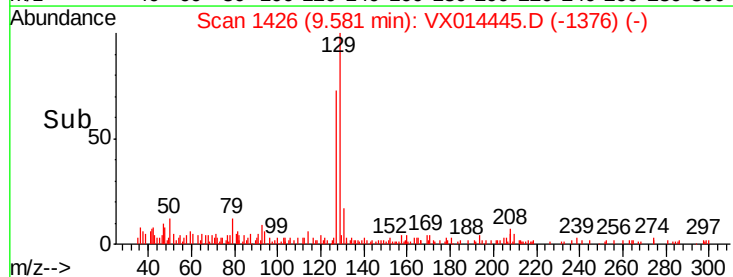
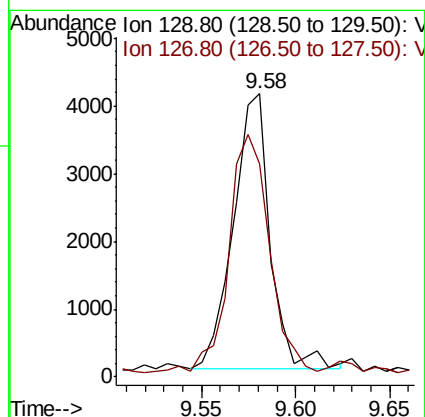
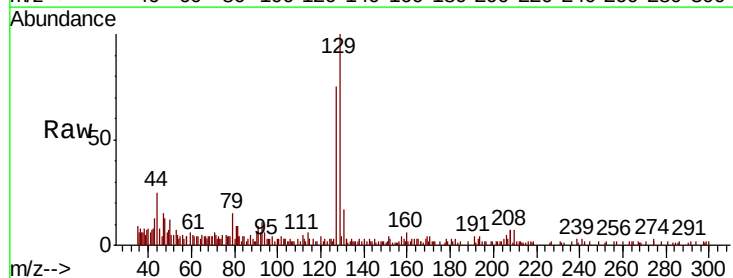
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

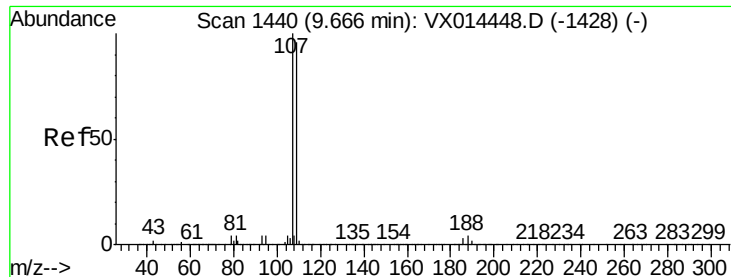
Tot Ion: 43 Resp: 32335
Ion Ratio Lower Upper
43 100
58 53.8 27.9 83.7



#60
Dibromochloromethane
Concen: 0.940 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 129 Resp: 5533
Ion Ratio Lower Upper
129 100
127 101.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 1.165 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

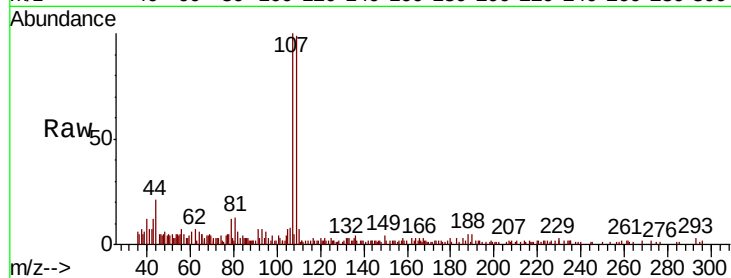
VSTDIC001

Tot Ion:107 Resp: 7035

Ion Ratio Lower Upper

107 100

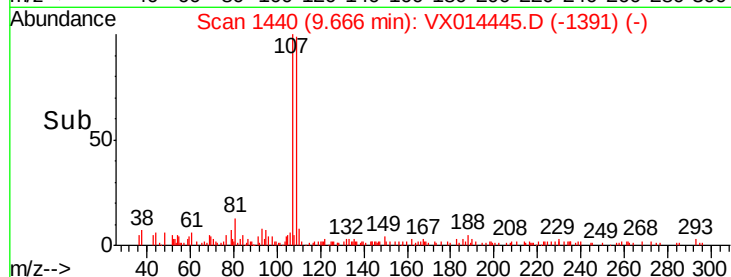
109 91.6 76.5 114.7



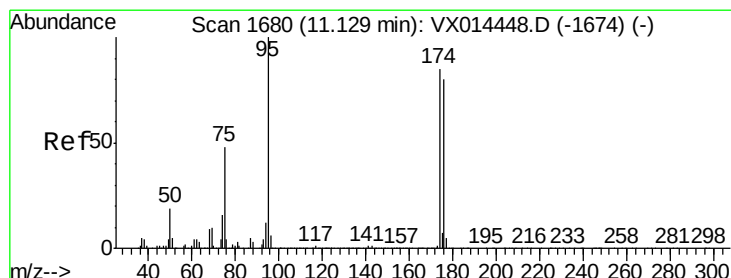
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 1.322 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

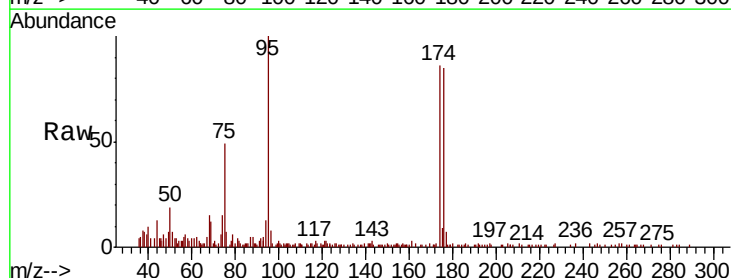
Tgt Ion: 95 Resp: 9339

Ion Ratio Lower Upper

95 100

174 83.9 0.0 180.8

176 79.9 0.0 172.8

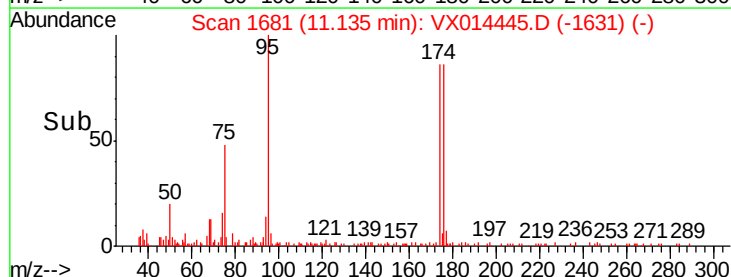


Abundance Ion 94.90 (94.60 to 95.60): VX0

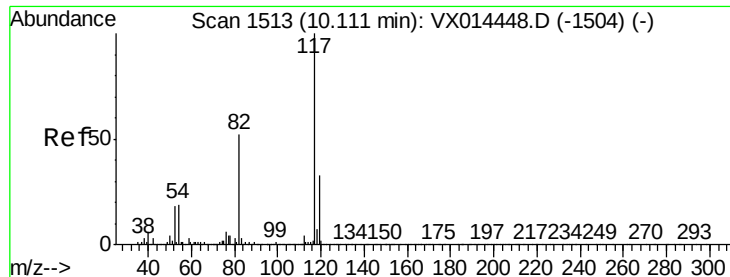
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

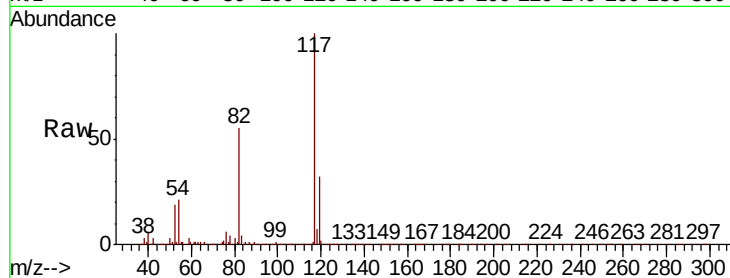
Tot Ion:117 Resp: 732994

Ion Ratio Lower Upper

117 100

82 55.0 41.8 62.6

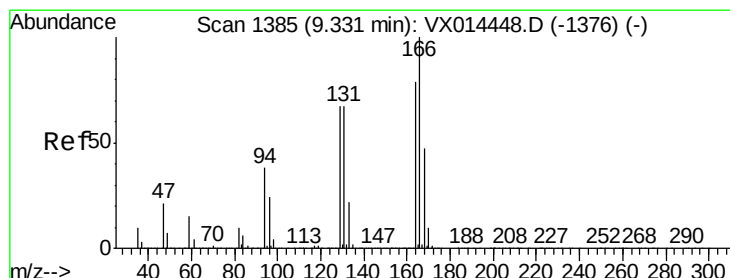
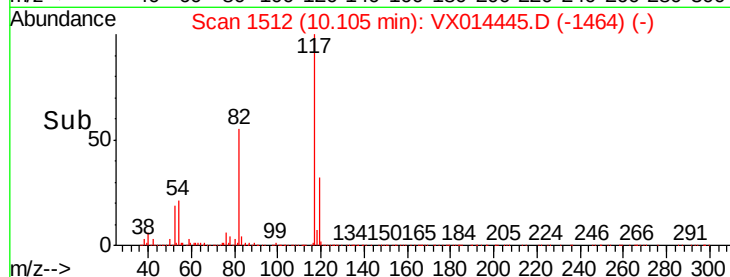
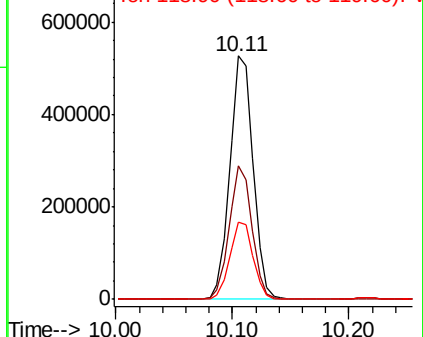
119 31.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.306 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Tgt Ion:164 Resp: 8738

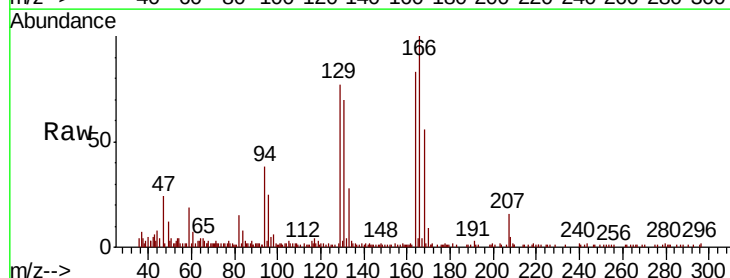
Ion Ratio Lower Upper

164 100

166 118.0 101.2 151.8

129 90.9 68.3 102.5

131 83.1 67.4 101.2

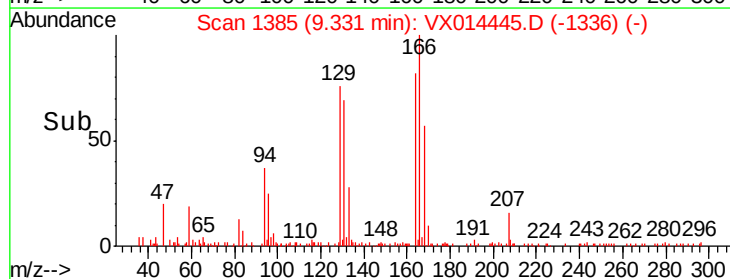
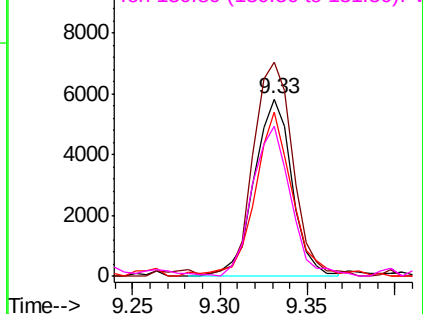


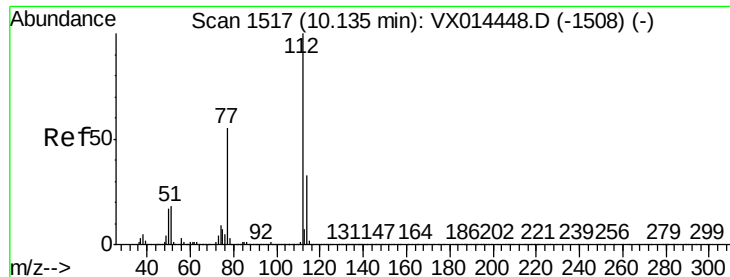
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.222 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

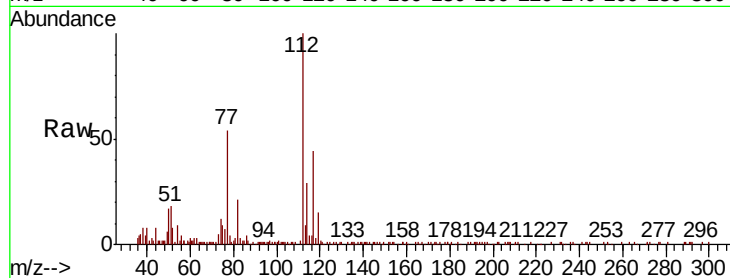
VSTDIC001

Tot Ion:112 Resp: 19176

Ion Ratio Lower Upper

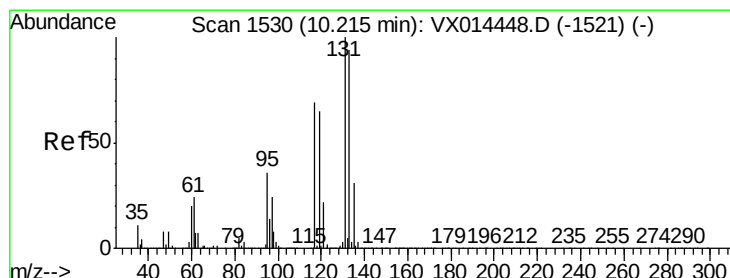
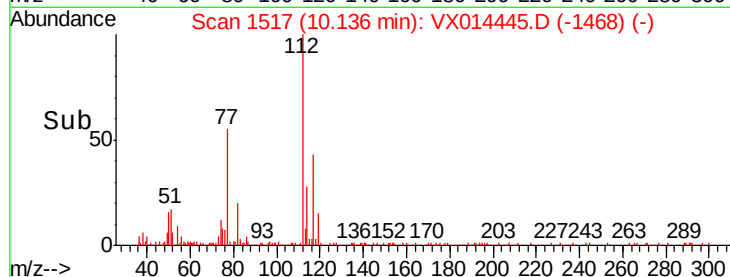
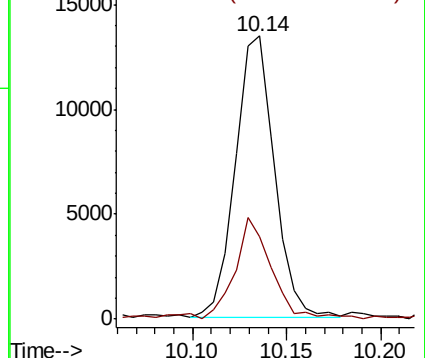
112 100

114 28.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.108 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

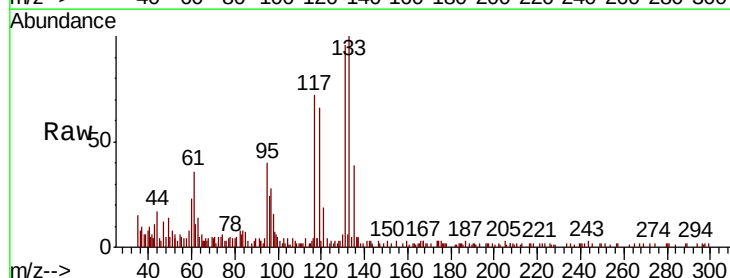
Tgt Ion:131 Resp: 6209

Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

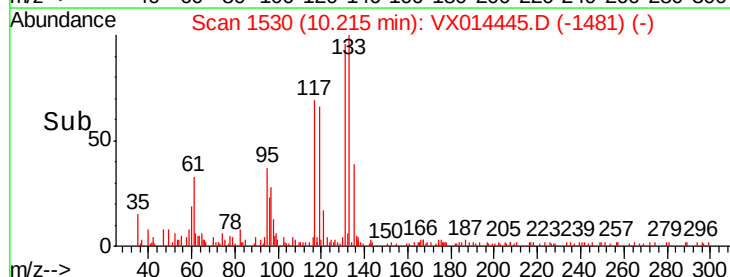
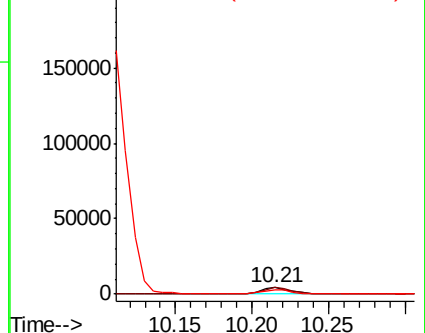
119 0.0 32.8 98.4#

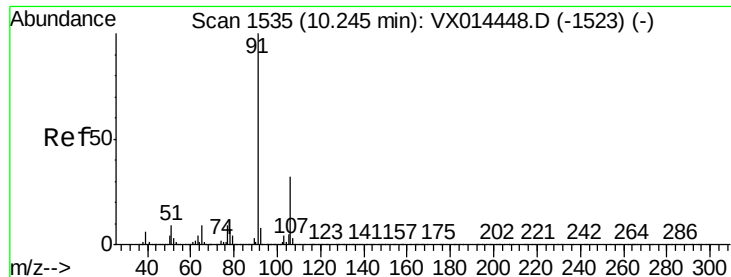


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

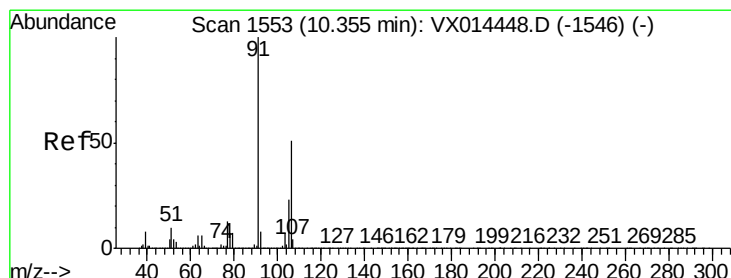
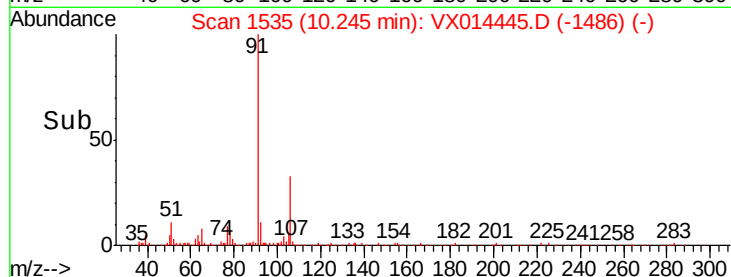
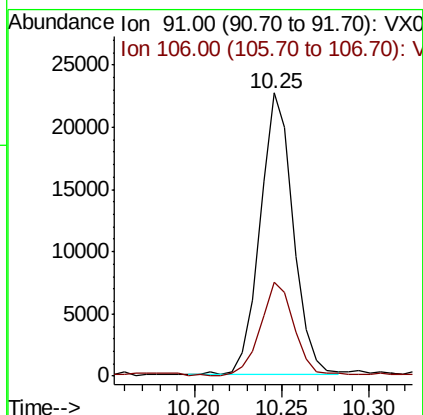
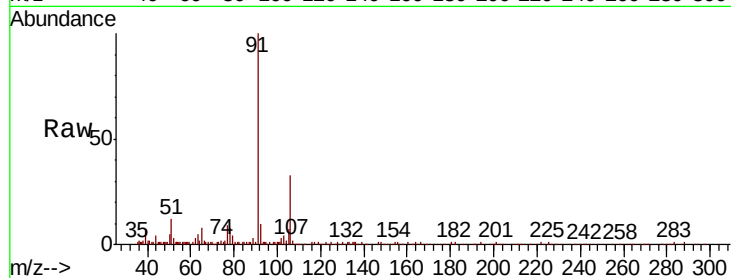




#67
Ethyl Benzene
Concen: 1.099 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

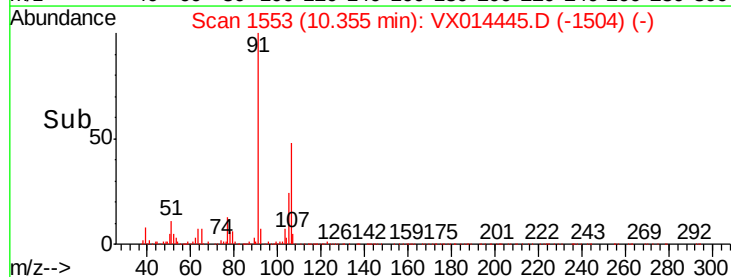
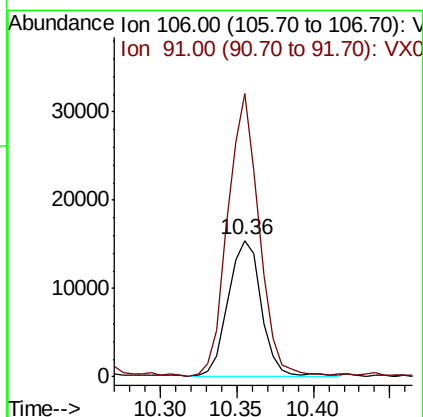
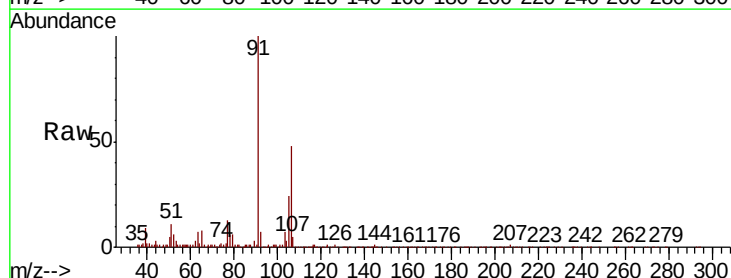
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

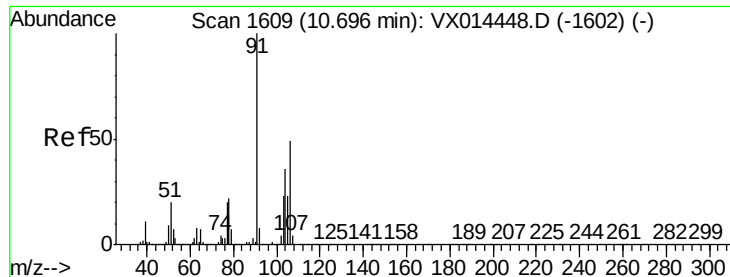
Tot Ion: 91 Resp: 29598
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 2.216 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 106 Resp: 22991
Ion Ratio Lower Upper
106 100
91 196.7 157.4 236.0

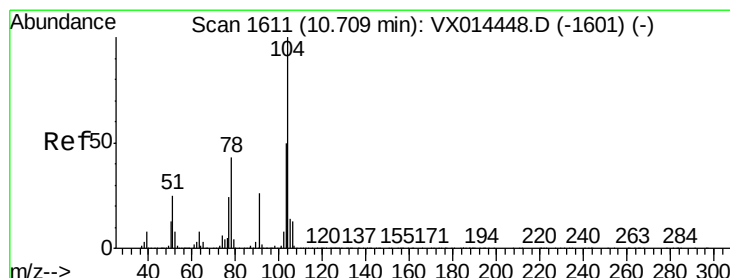
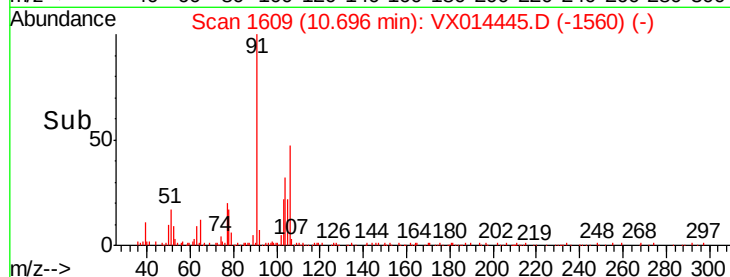
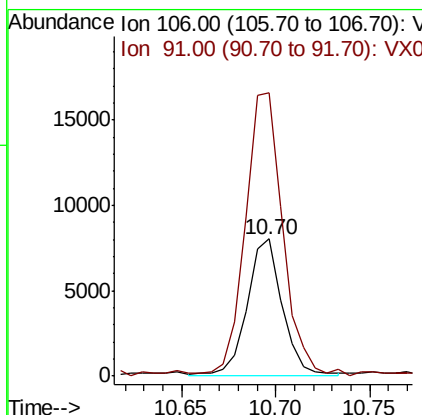
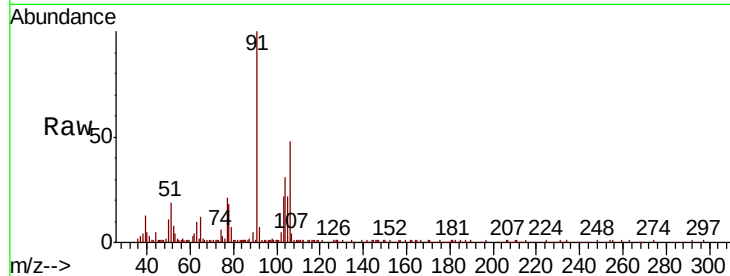




#69
o-Xylene
Concen: 1.014 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

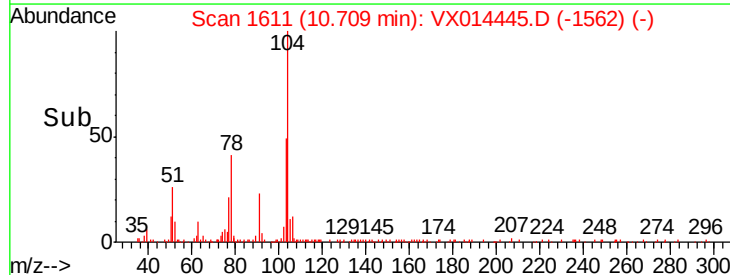
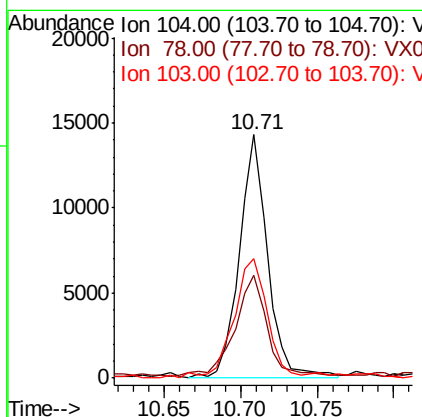
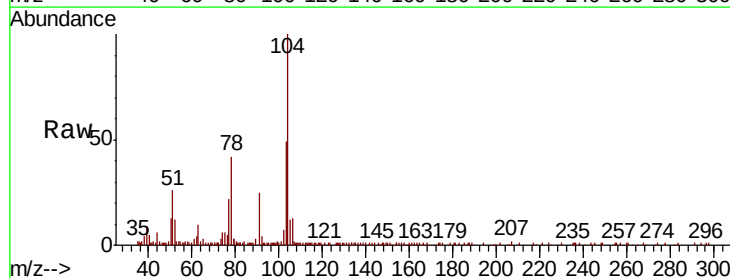
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

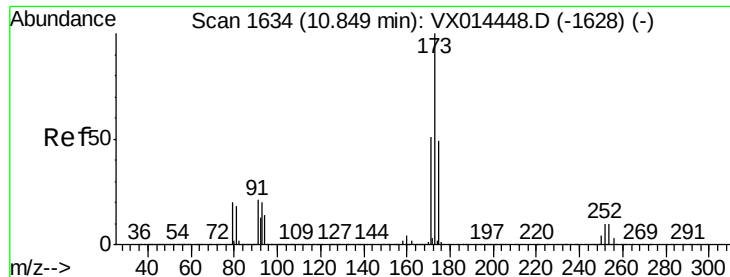
Tot Ion:106 Resp: 10276
Ion Ratio Lower Upper
106 100
91 222.8 105.1 315.1



#70
Styrene
Concen: 1.078 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion:104 Resp: 18484
Ion Ratio Lower Upper
104 100
78 45.8 38.6 58.0
103 57.9 43.7 65.5





#71

Bromoform

Concen: 1.045 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

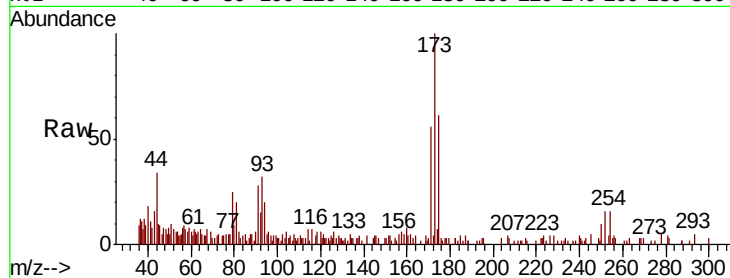
Tot Ion:173 Resp: 4723

Ion Ratio Lower Upper

173 100

175 51.0 24.3 72.8

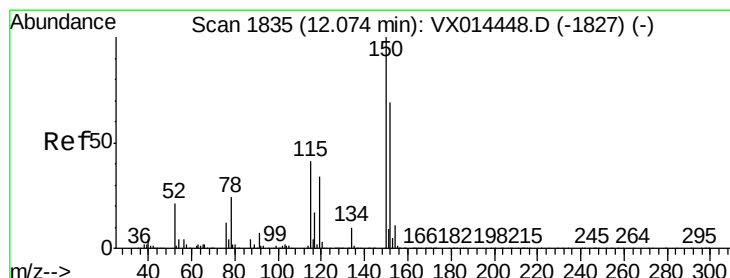
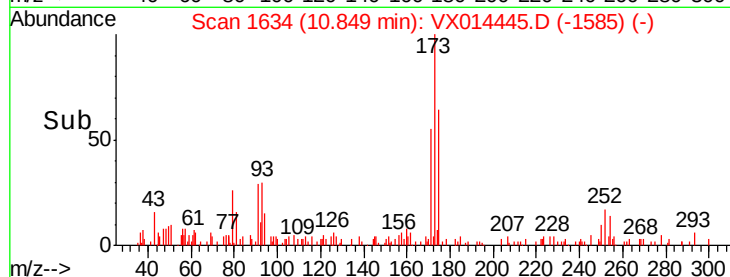
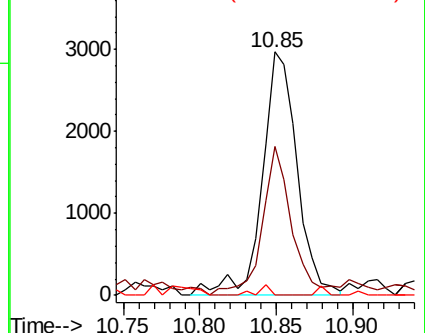
254 1.4 0.2 0.2#



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: VX014445.D

Acq: 07 Jan 2020 13:35

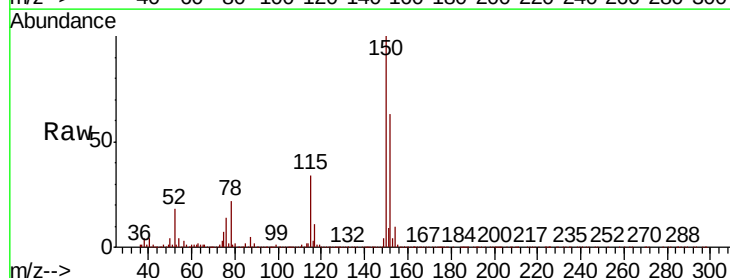
Tgt Ion:152 Resp: 363297

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

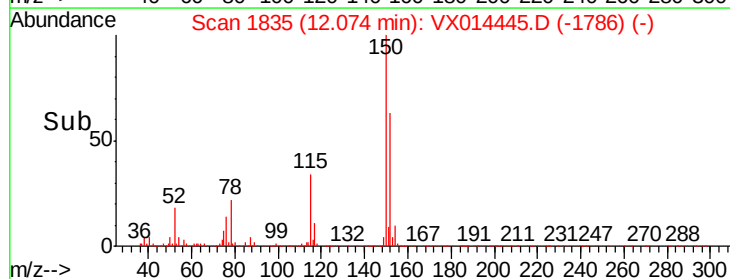
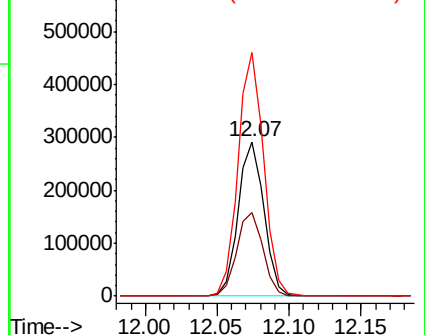
150 157.5 0.0 350.2

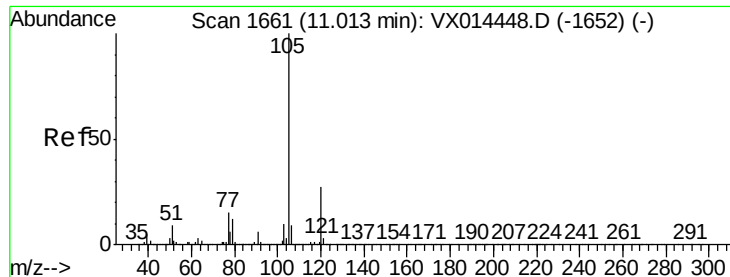


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.104 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

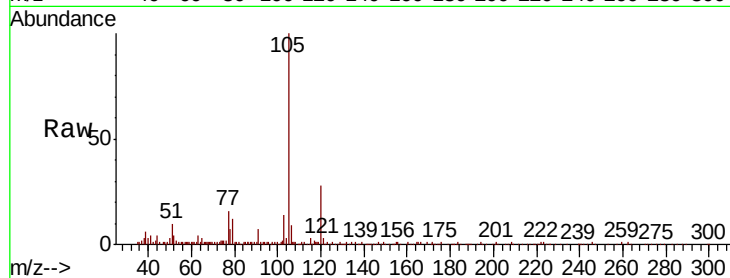
VSTDIC001

Tot Ion:105 Resp: 28355

Ion Ratio Lower Upper

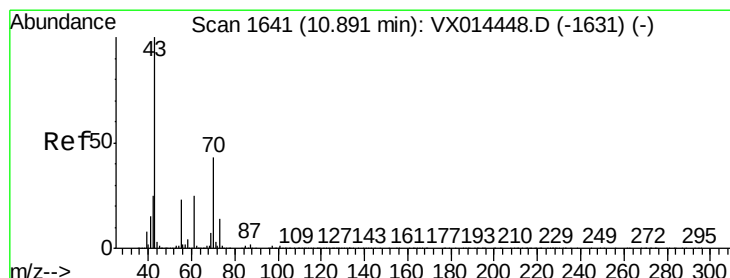
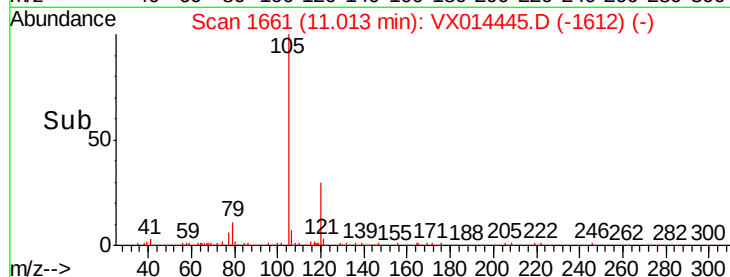
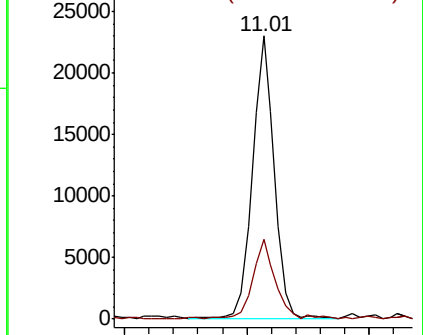
105 100

120 30.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.923 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Tgt Ion: 43 Resp: 11000

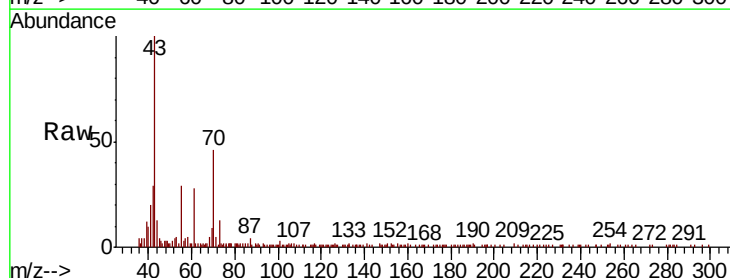
Ion Ratio Lower Upper

43 100

70 50.4 35.1 52.7

55 28.5 19.3 28.9

61 29.1 20.0 30.0

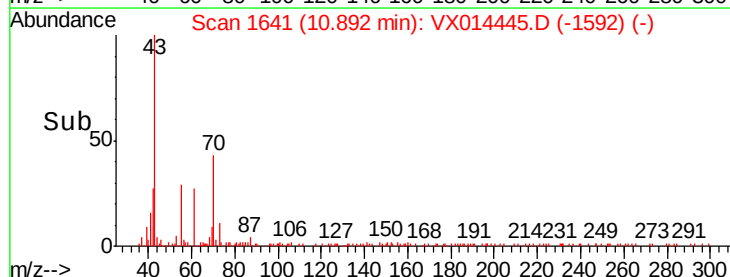
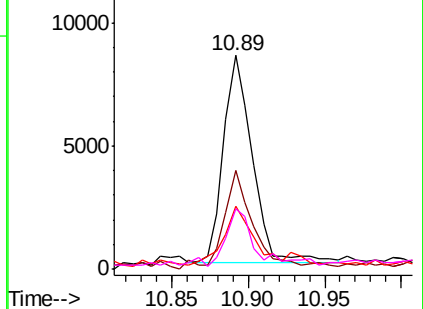


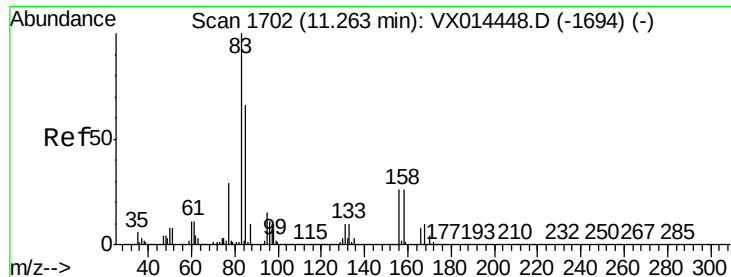
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.082 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

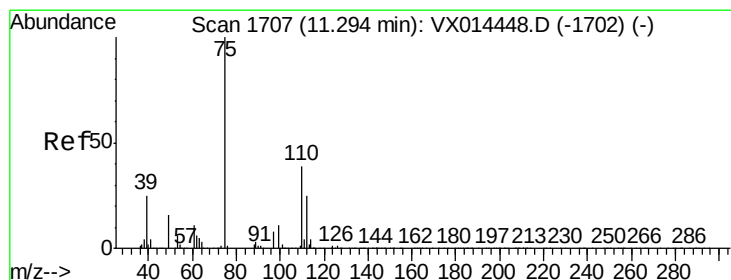
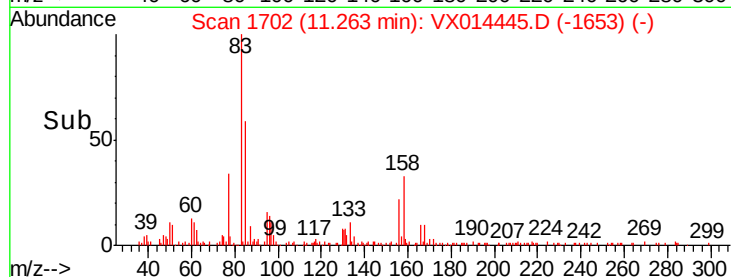
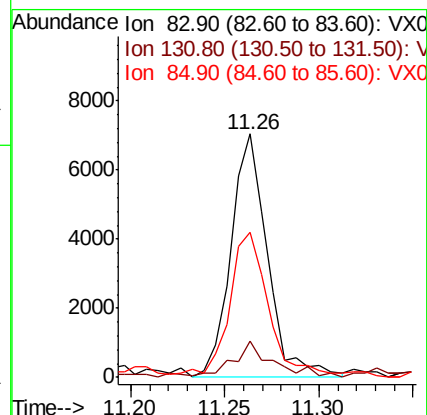
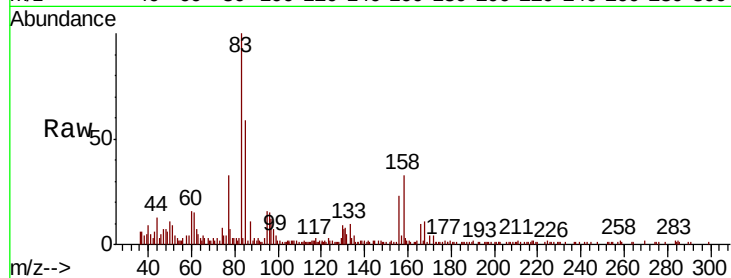
Tot Ion: 83 Resp: 9484

Ion Ratio Lower Upper

83 100

131 17.2 5.1 15.4#

85 59.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 1.414 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014445.D

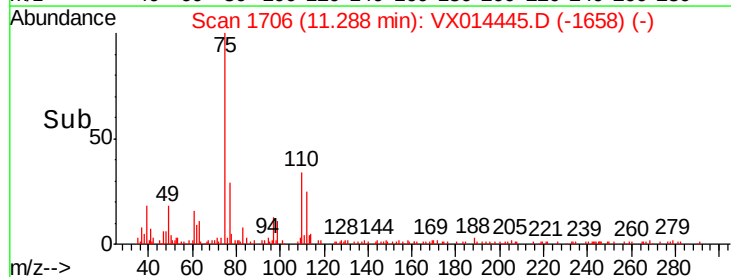
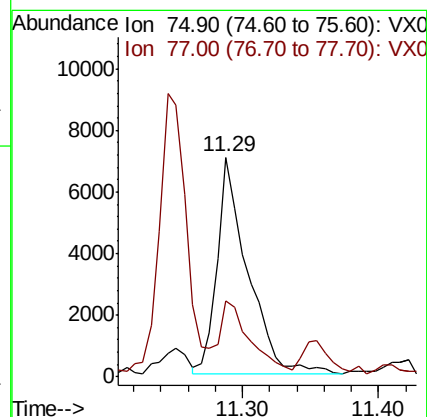
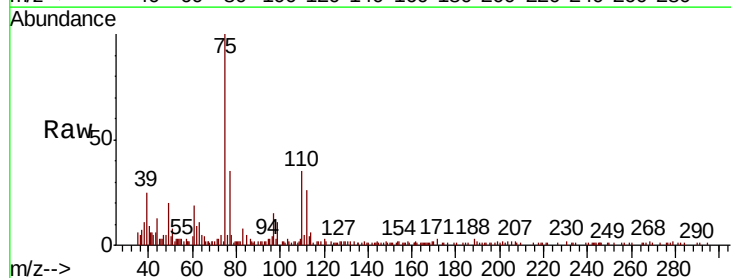
Acq: 07 Jan 2020 13:35

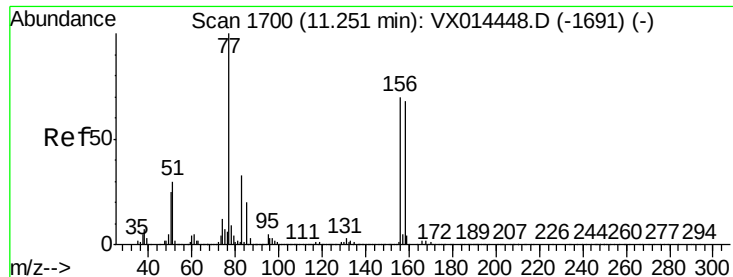
Tgt Ion: 75 Resp: 10899

Ion Ratio Lower Upper

75 100

77 31.1 21.9 65.7





#77

Bromobenzene

Concen: 1.261 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

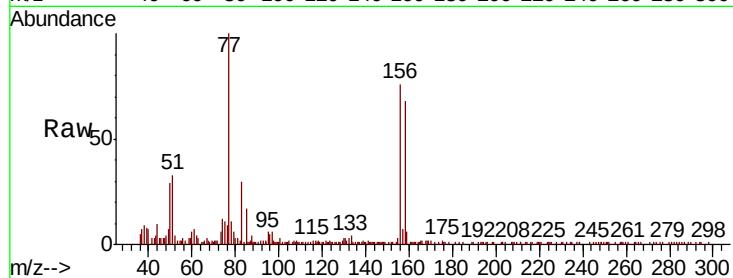
Tot Ion:156 Resp: 8923

Ion Ratio Lower Upper

156 100

77 138.4 75.4 226.3

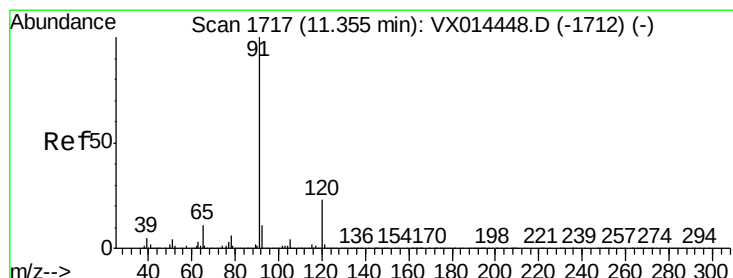
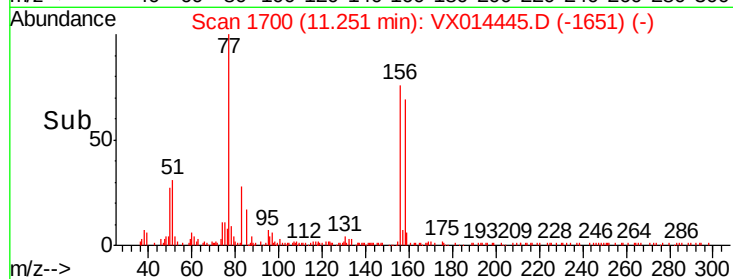
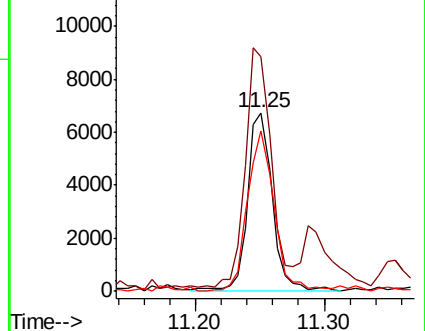
158 96.7 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.139 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014445.D

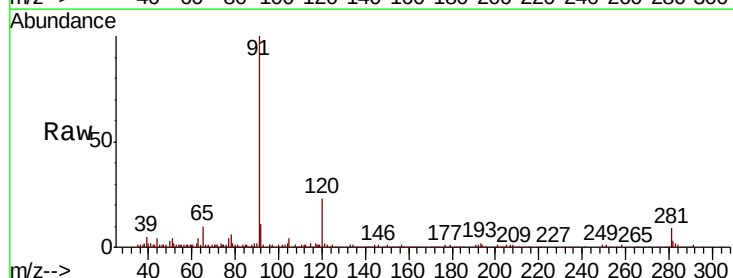
Acq: 07 Jan 2020 13:35

Tgt Ion: 91 Resp: 32791

Ion Ratio Lower Upper

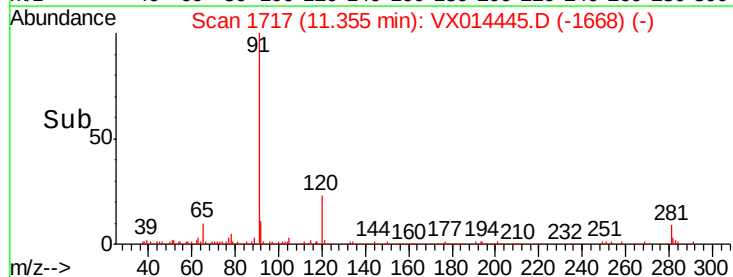
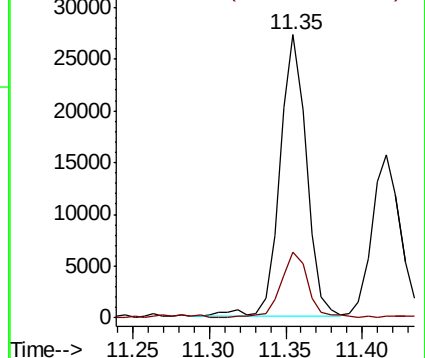
91 100

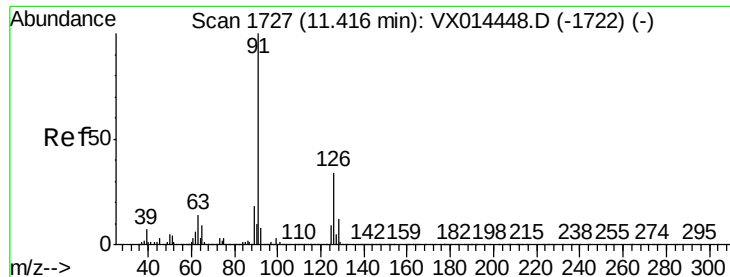
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.172 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

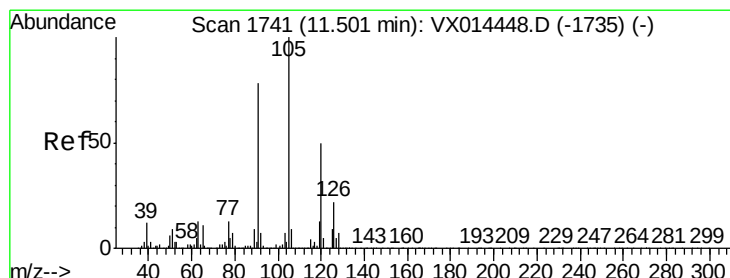
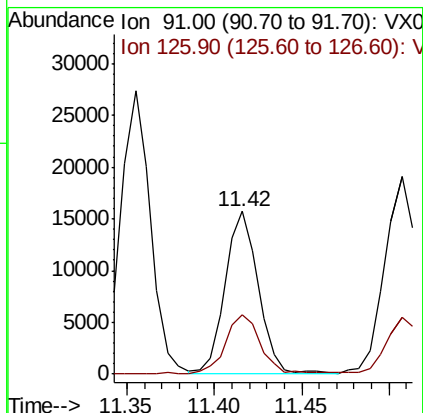
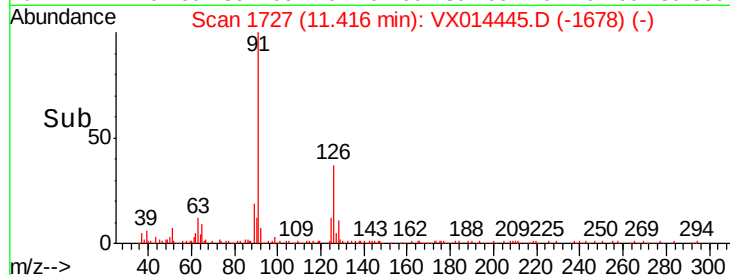
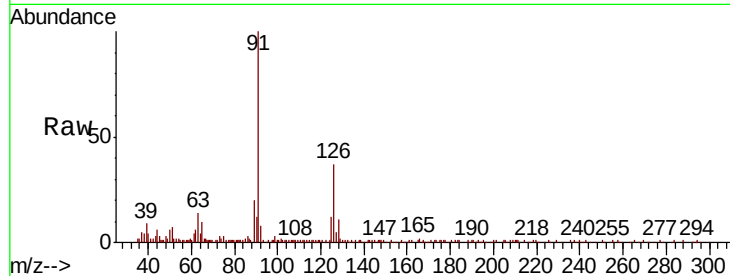
VSTDIC001

Tot Ion: 91 Resp: 20451

Ion Ratio Lower Upper

91 100

126 39.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 1.025 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014445.D

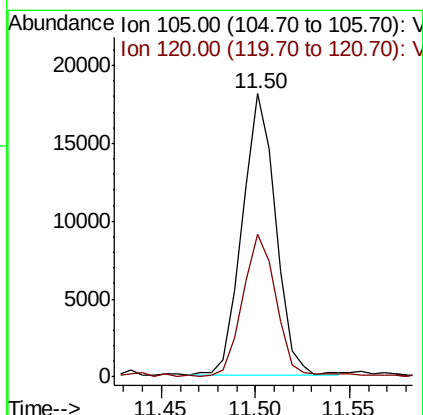
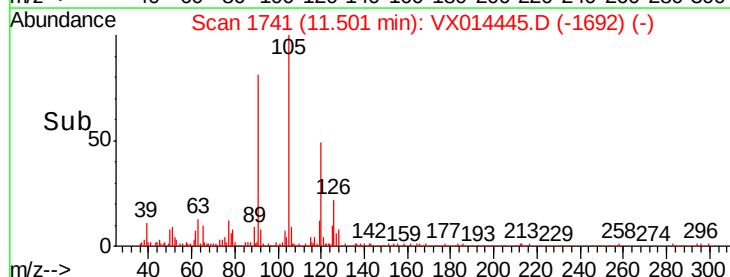
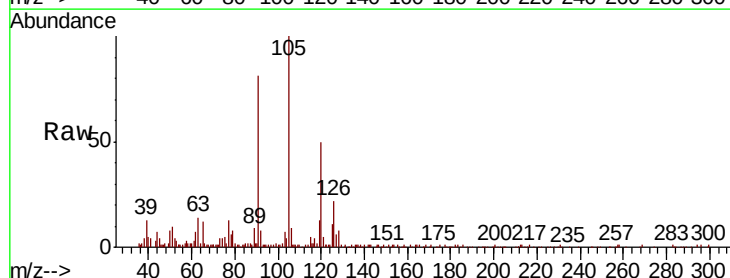
Acq: 07 Jan 2020 13:35

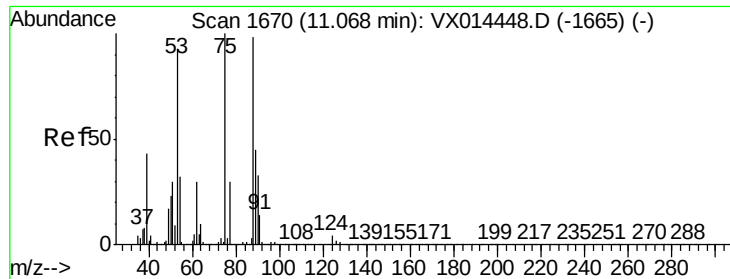
Tgt Ion: 105 Resp: 22121

Ion Ratio Lower Upper

105 100

120 51.8 25.2 75.6

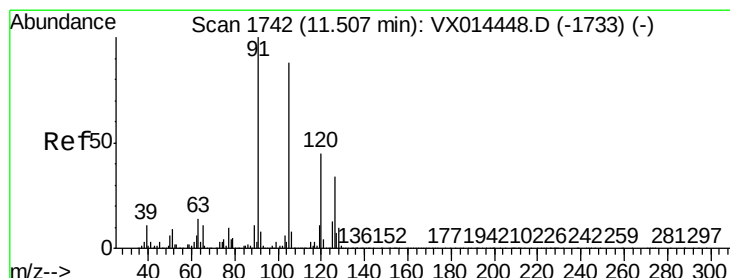
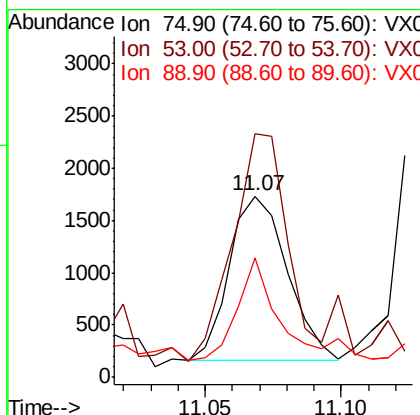
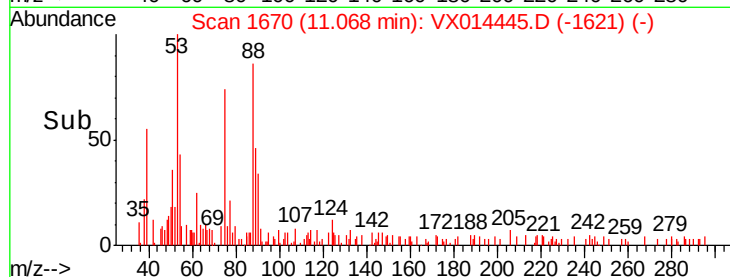
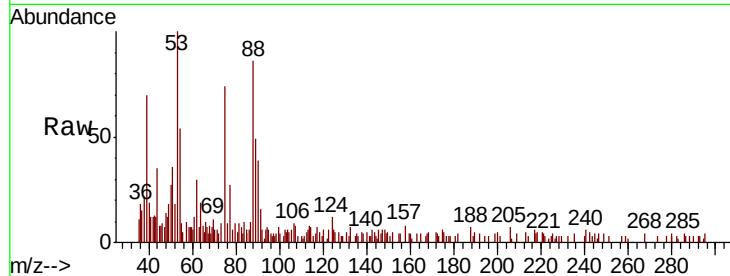




#81
trans-1,4-Dichloro-2-butene
Concen: 0.826 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

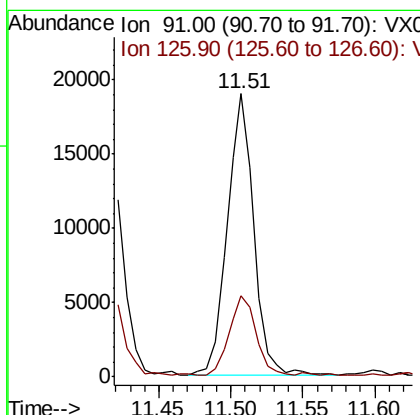
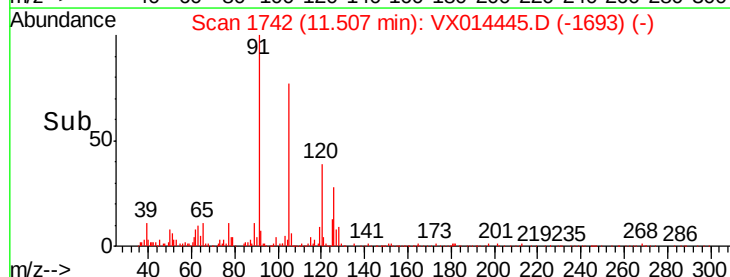
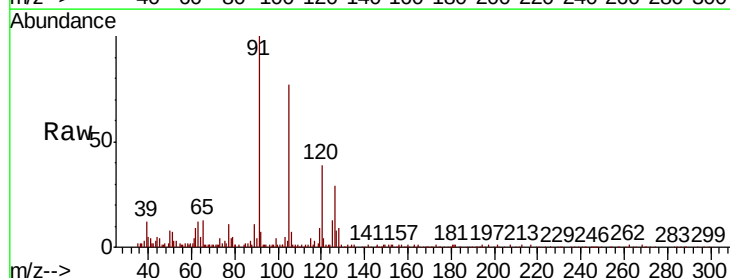
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

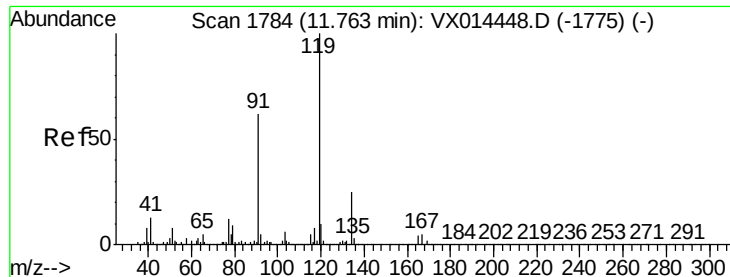
Tot Ion: 75 Resp: 2323
Ion Ratio Lower Upper
75 100
53 130.2 74.8 112.2#
89 53.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 1.210 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 91 Resp: 24572
Ion Ratio Lower Upper
91 100
126 29.4 15.9 47.7

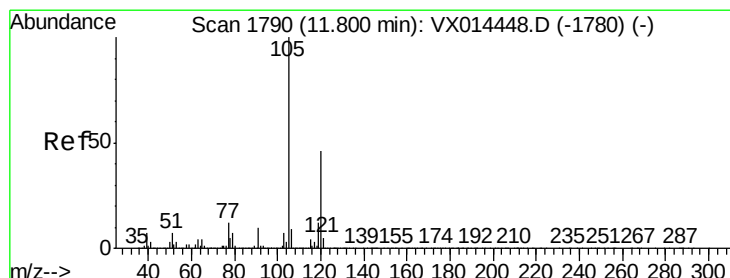
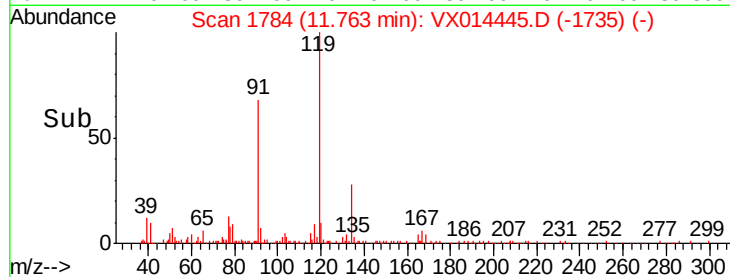
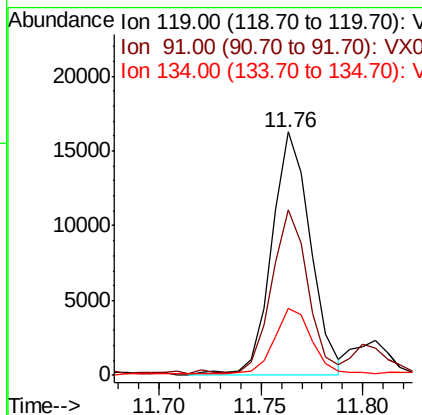
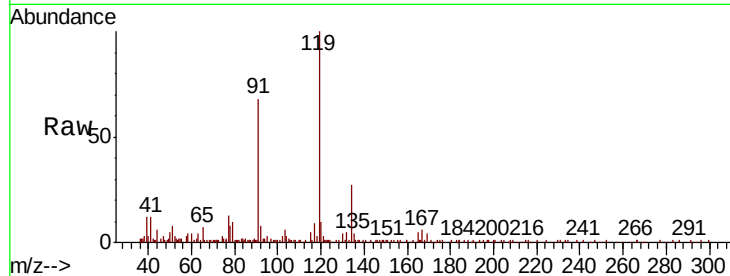




#83
 tert-Butylbenzene
 Concen: 1.036 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

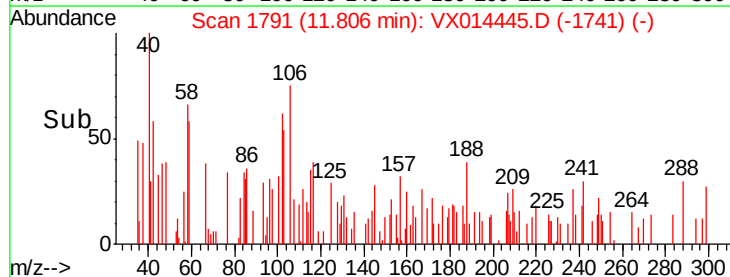
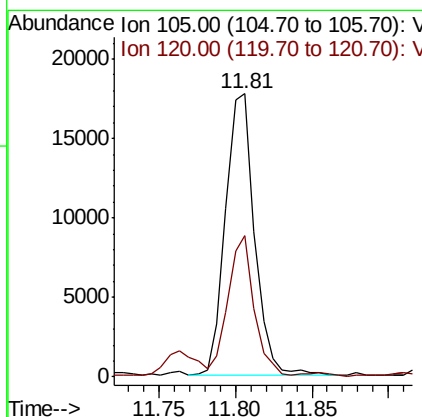
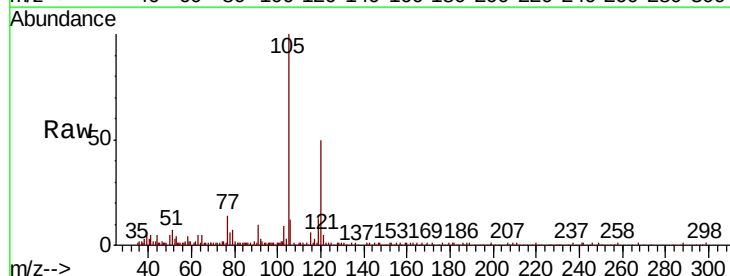
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

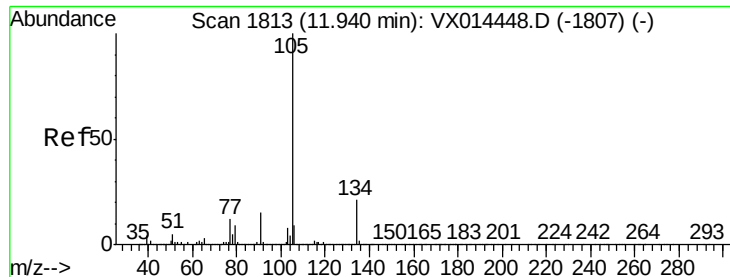
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.3	88.0
134	26.0	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.074 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 1.076 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

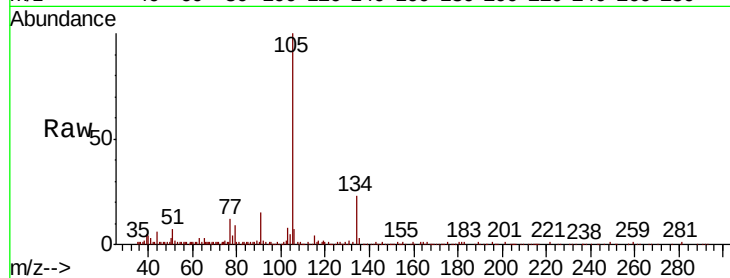
VSTDIC001

Tot Ion:105 Resp: 26745

Ion Ratio Lower Upper

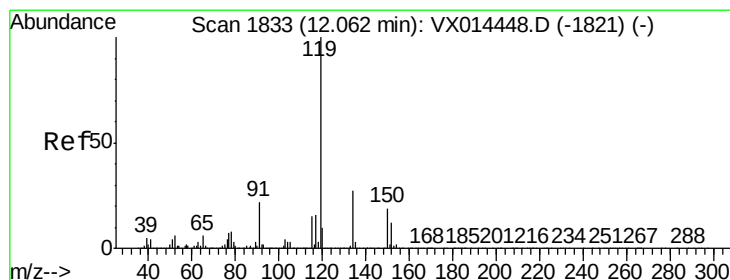
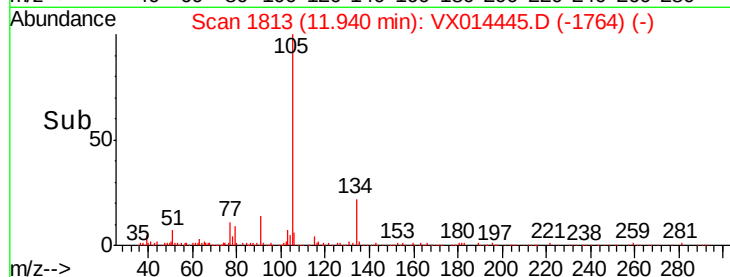
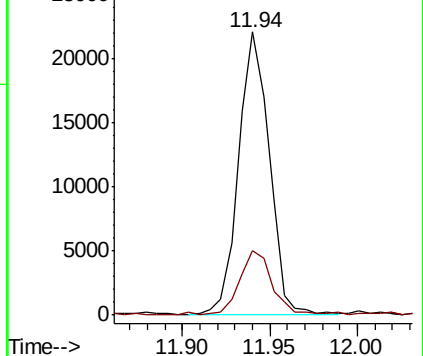
105 100

134 24.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.076 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

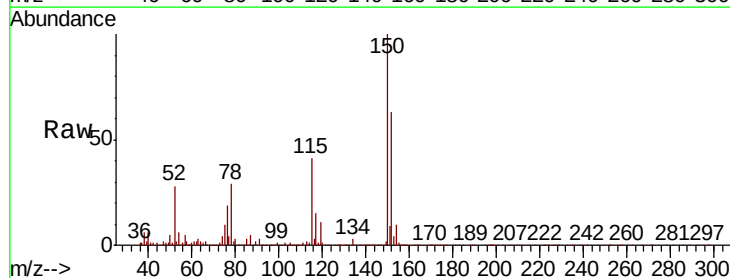
Tgt Ion:119 Resp: 24503

Ion Ratio Lower Upper

119 100

134 30.5 13.5 40.4

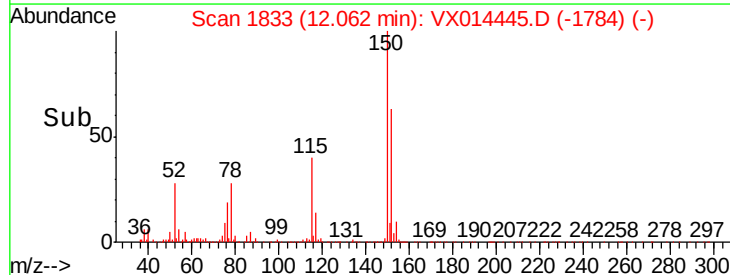
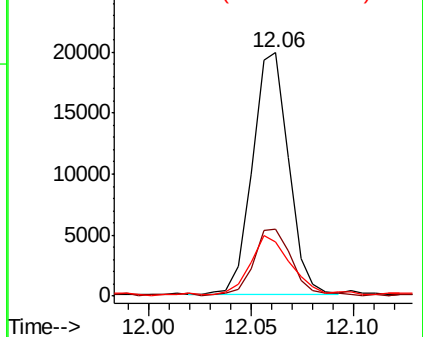
91 28.8 11.1 33.3

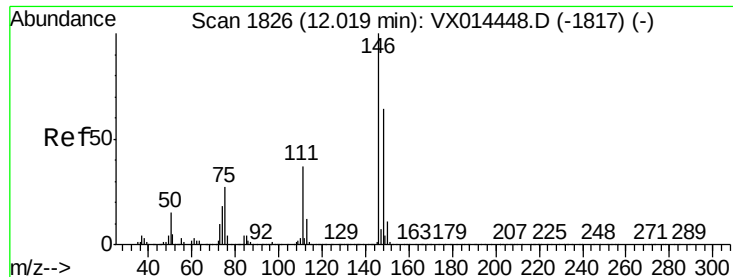


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.276 ug/l

RT: 12.02 min Scan# 1826

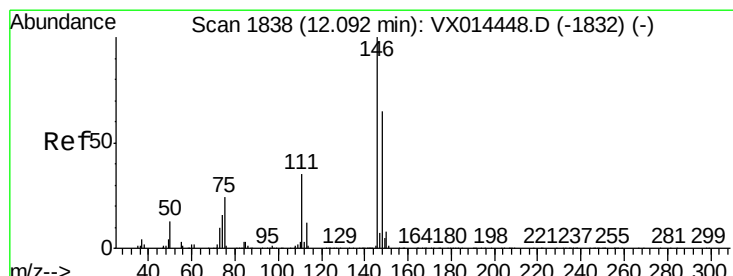
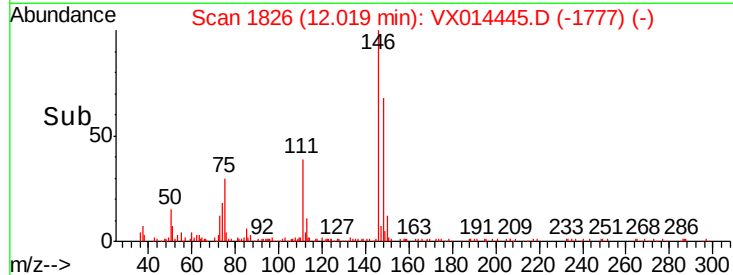
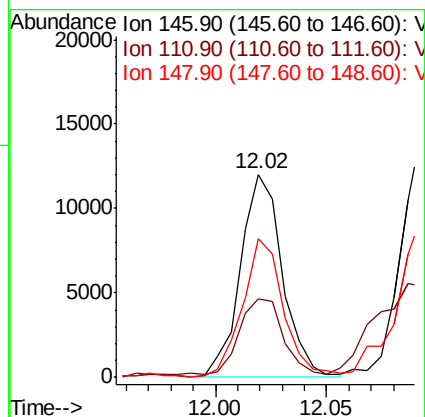
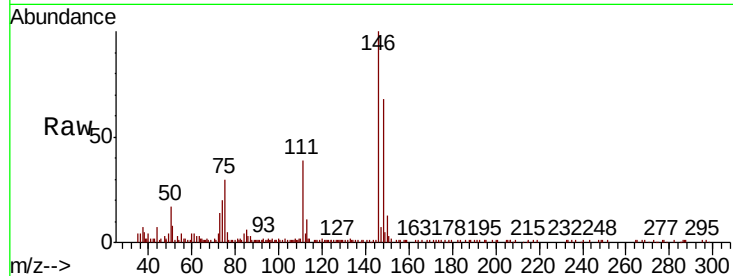
Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	18.9	56.7
148	67.2	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 1.251 ug/l

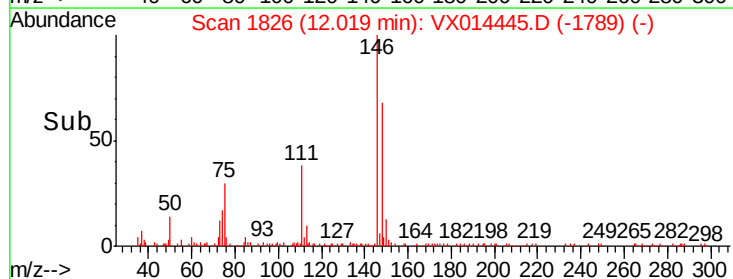
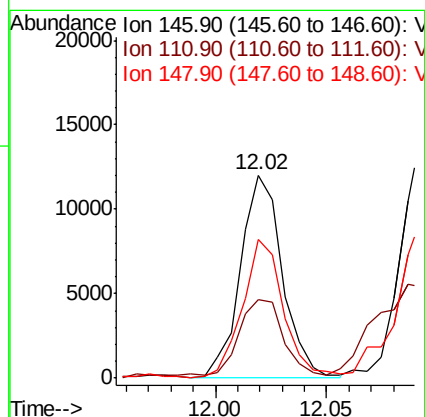
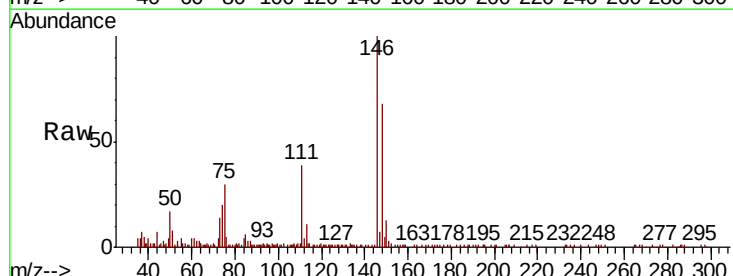
RT: 12.02 min Scan# 1826

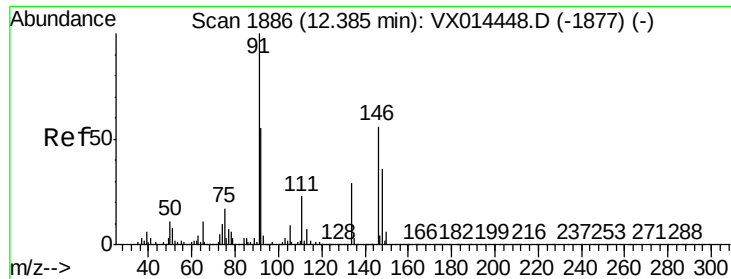
Delta R.T. -0.07 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	18.1	54.1
148	67.2	32.1	96.3

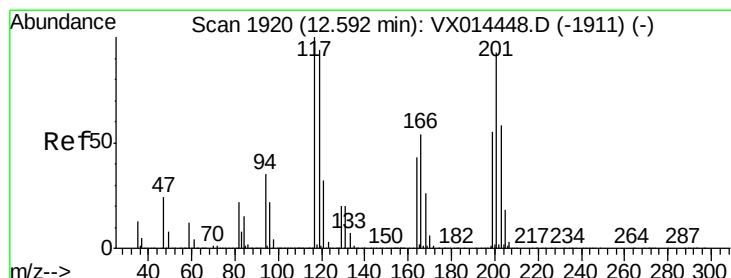
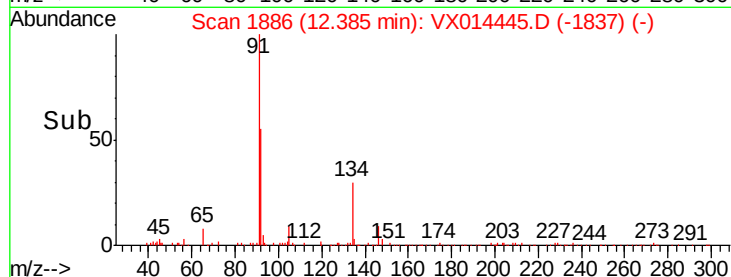
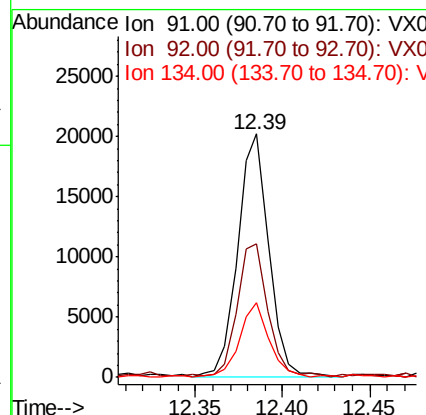
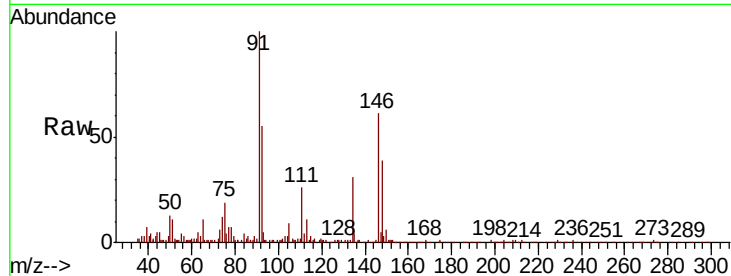




#89
n-Butylbenzene
Concen: 1.284 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

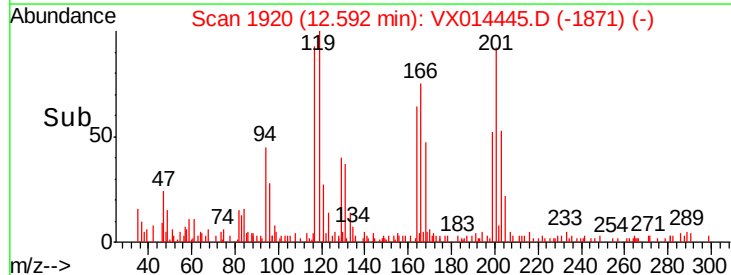
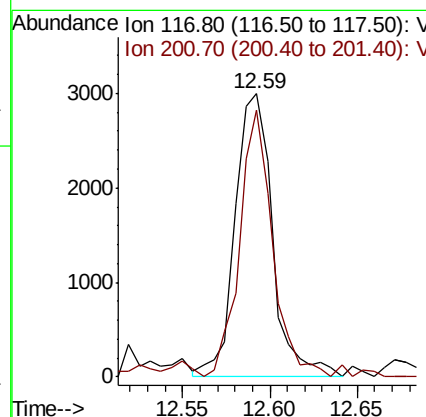
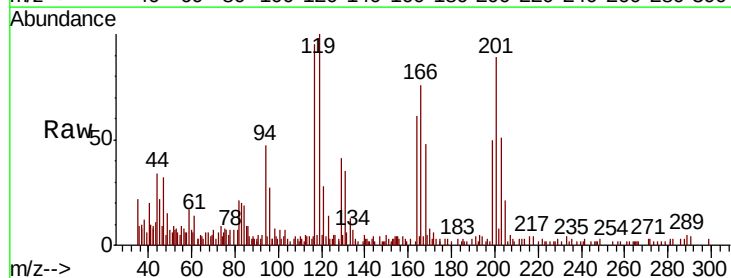
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

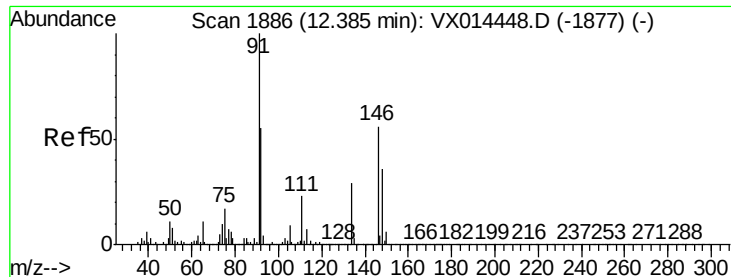
Tot Ion: 91 Resp: 25072
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.2
134 29.4 13.9 41.7



#90
Hexachloroethane
Concen: 1.098 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014445.D
Acq: 07 Jan 2020 13:35

Tgt Ion: 117 Resp: 4474
Ion Ratio Lower Upper
117 100
201 82.5 44.8 134.3

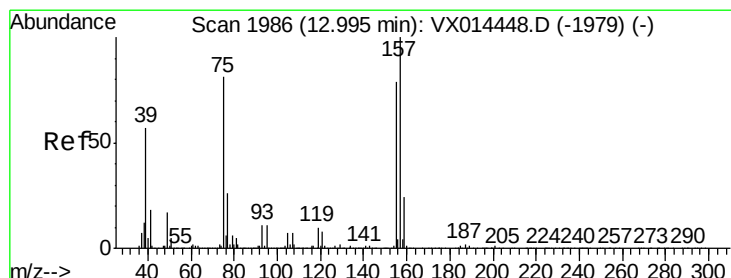
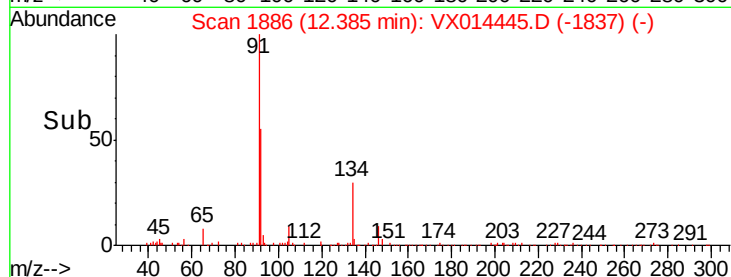
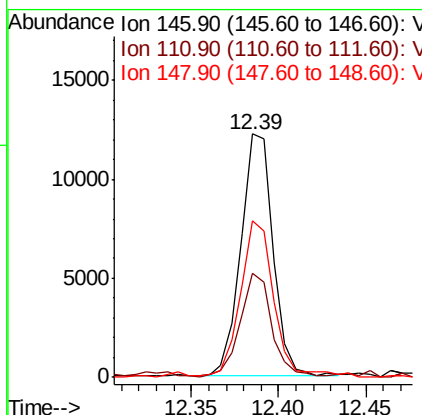
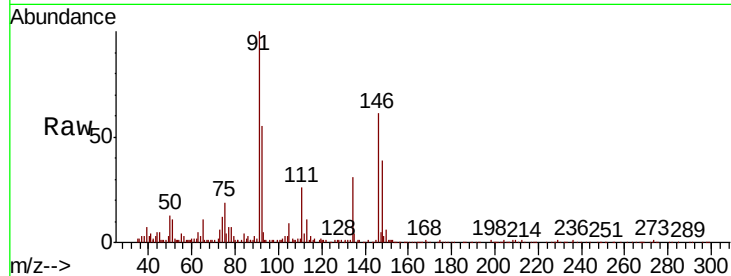




#91
 1,2-Dichlorobenzene
 Concen: 1.254 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

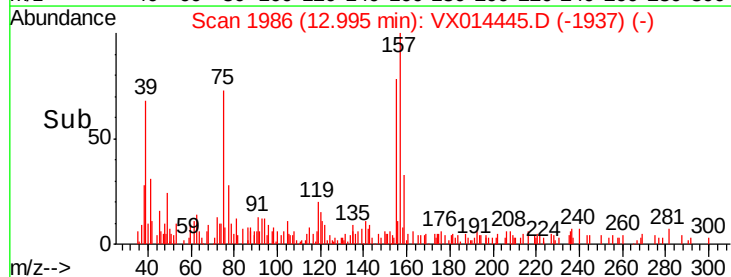
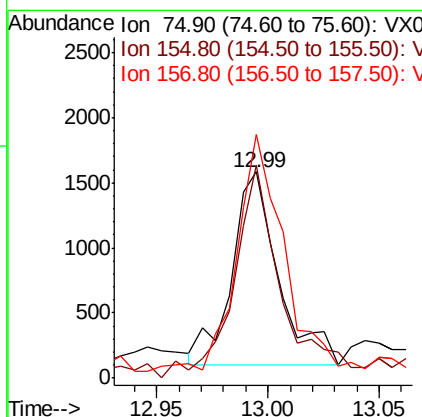
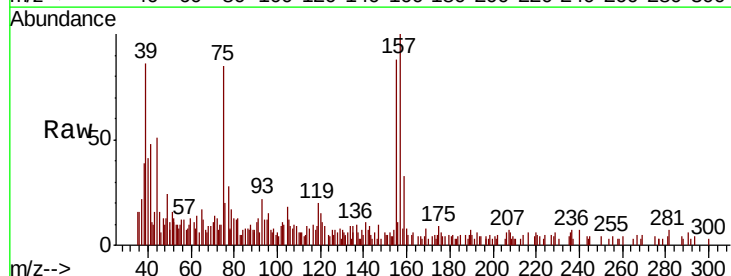
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

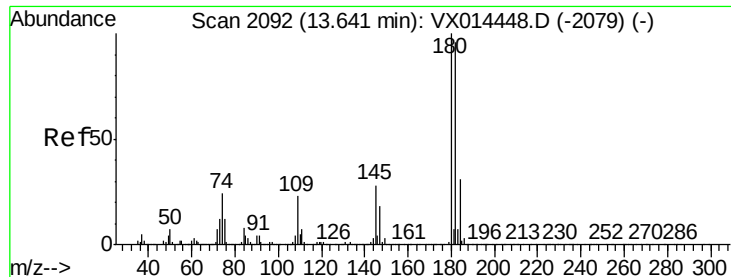
Tot Ion:146 Resp: 15610
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.8 59.4
 148 67.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.101 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014445.D
 Acq: 07 Jan 2020 13:35

Tgt Ion: 75 Resp: 2169
 Ion Ratio Lower Upper
 75 100
 155 113.1 48.7 146.1
 157 137.9 62.0 185.9





#93

1,2,4-Trichlorobenzene

Concen: 1.681 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

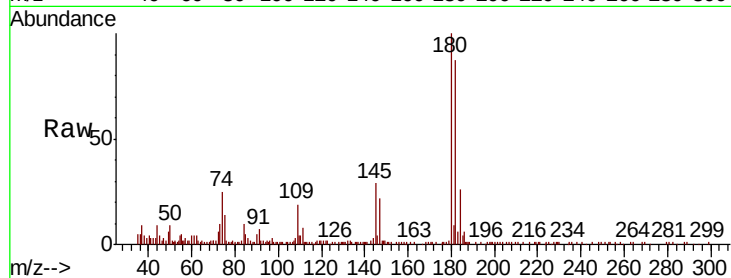
Tot Ion:180 Resp: 13865

Ion Ratio Lower Upper

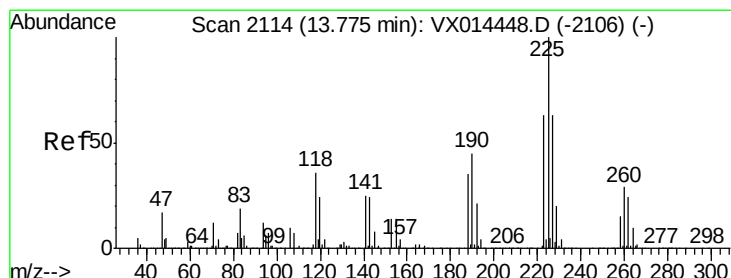
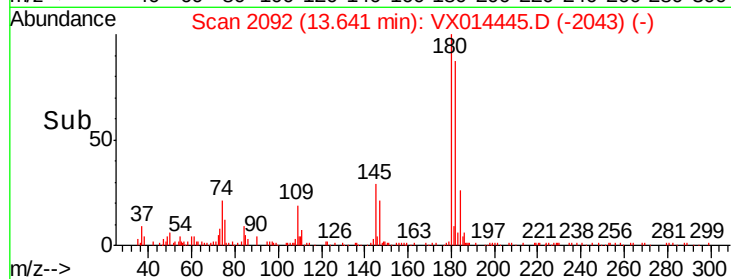
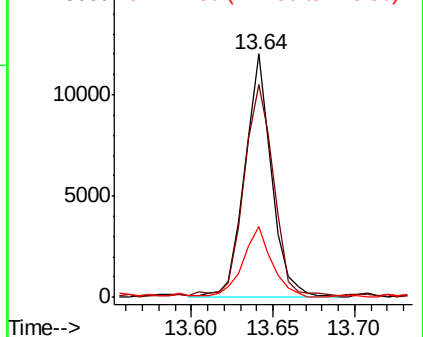
180 100

182 95.8 47.5 142.5

145 31.6 13.9 41.6



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: 1.644 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

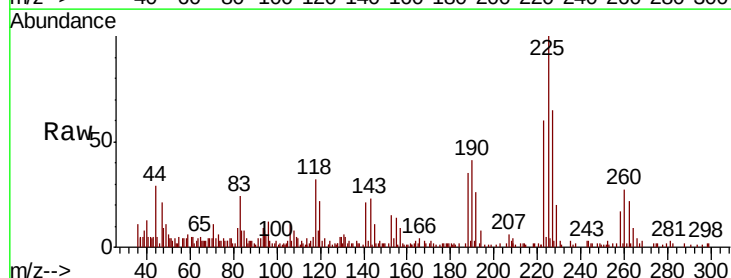
Tgt Ion:225 Resp: 6509

Ion Ratio Lower Upper

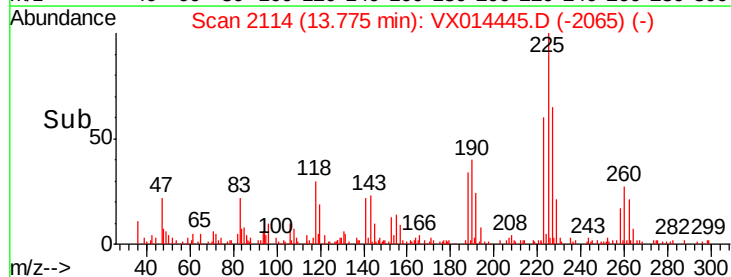
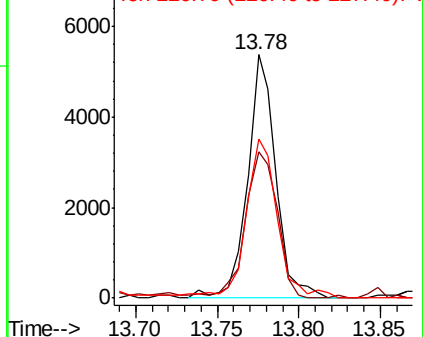
225 100

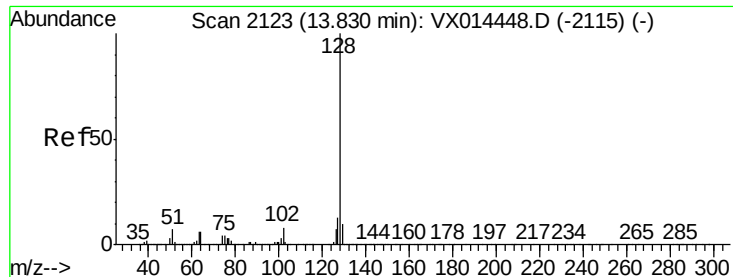
223 68.2 31.1 93.2

227 72.8 31.4 94.2



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: 1.451 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

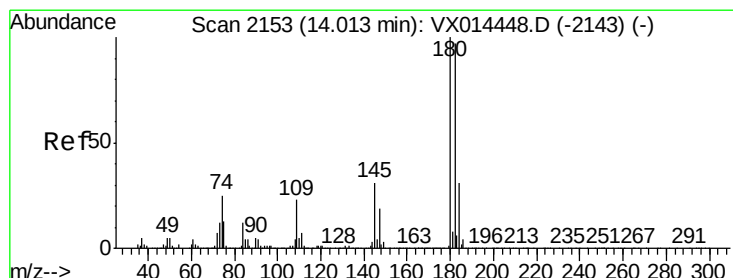
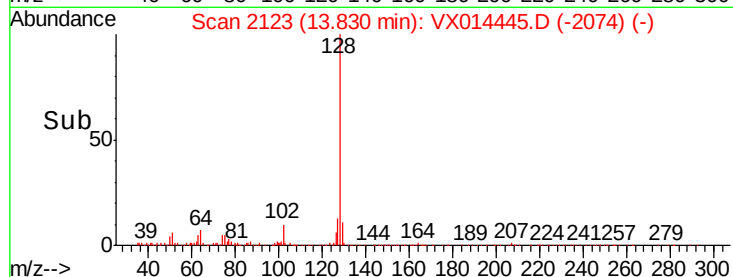
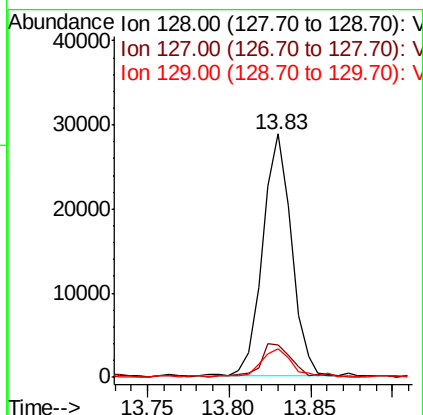
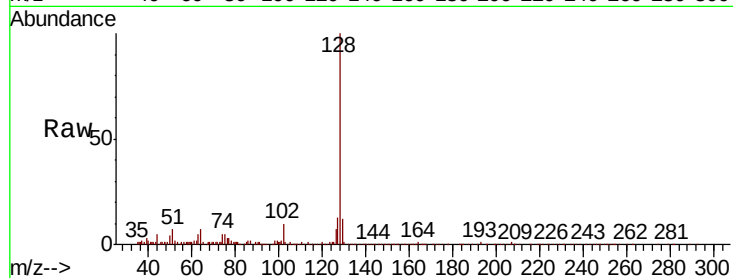
Tot Ion:128 Resp: 35011

Ion Ratio Lower Upper

128 100

127 15.7 10.3 15.5#

129 13.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.588 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014445.D

Acq: 07 Jan 2020 13:35

Tgt Ion:180 Resp: 12872

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 27.2 14.8 44.3

