

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014449.D
 Acq On : 07 Jan 2020 15:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 07 15:34:49 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	540072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	819943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	743396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	592962	97.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.60%	
35) Dibromofluoromethane	5.49	113	498197	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	8.71	98	1937507	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.13	95	707369	100.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	680263	130.295	ug/l	99
3) Chloromethane	1.32	50	679811	102.780	ug/l	100
4) Vinyl Chloride	1.40	62	790375	110.832	ug/l	98
5) Bromomethane	1.63	94	530400	107.999	ug/l	99
6) Chloroethane	1.71	64	418325	97.544	ug/l	99
7) Trichlorofluoromethane	1.92	101	848049	98.797	ug/l	100
8) Diethyl Ether	2.18	74	370950	92.945	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	501399	96.998	ug/l	99
10) Methyl Iodide	2.50	142	702476	111.185	ug/l	100
11) Tert butyl alcohol	3.03	59	581404	433.979	ug/l	98
12) 1,1-Dichloroethene	2.37	96	508377	96.743	ug/l	97
13) Acrolein	2.28	56	493650	599.734	ug/l	98
14) Allyl chloride	2.72	41	905131	96.850	ug/l	99
15) Acrylonitrile	3.13	53	1459504	470.062	ug/l	100
16) Acetone	2.44	43	1471301	382.845	ug/l	99
17) Carbon Disulfide	2.56	76	1438276	93.329	ug/l	100
18) Methyl Acetate	2.76	43	866762	106.229	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1681785	97.784	ug/l	100
20) Methylene Chloride	2.85	84	561679	89.190	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	551703	95.615	ug/l	99
22) Diisopropyl ether	3.84	45	1783547	95.977	ug/l	99
23) Vinyl Acetate	3.81	43	6986229	466.623	ug/l	98
24) 1,1-Dichloroethane	3.69	63	967737	93.560	ug/l	100
25) 2-Butanone	4.65	43	2154907	444.185	ug/l	100
26) 2,2-Dichloropropane	4.58	77	819654	101.275	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	625626	95.978	ug/l	99
28) Bromochloromethane	5.01	49	387657	108.277	ug/l	99
29) Tetrahydrofuran	5.11	42	1318487	476.847	ug/l	99
30) Chloroform	5.20	83	940914	96.054	ug/l	98
31) Cyclohexane	5.57	56	926008	99.827	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	822012	98.099	ug/l	100
36) 1,1-Dichloropropene	5.79	75	752369	99.152	ug/l	99
37) Ethyl Acetate	4.82	43	809902	97.184	ug/l	99
38) Carbon Tetrachloride	5.78	117	720904	104.109	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	961074	101.878	ug/l	99
40) Benzene	6.14	78	2245137	96.515	ug/l	99
41) Methacrylonitrile	5.03	41	450261	97.136	ug/l	99
42) 1,2-Dichloroethane	6.18	62	759744	96.331	ug/l	100
43) Isopropyl Acetate	6.43	43	1350168	97.751	ug/l	100
44) Trichloroethene	7.21	130	628937	96.944	ug/l	99
45) 1,2-Dichloropropane	7.51	63	575941	96.626	ug/l	99
46) Dibromomethane	7.65	93	373921	94.559	ug/l	98
47) Bromodichloromethane	7.89	83	755648	101.589	ug/l	98
48) Methyl methacrylate	7.76	41	667373	98.733	ug/l	99
49) 1,4-Dioxane	7.73	88	237183	1712.511	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	4060656	469.684	ug/l	99
52) Toluene	8.78	92	1415360	96.078	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	883354	108.108	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	959956	105.468	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	564492	95.753	ug/l	99
56) Ethyl methacrylate	9.17	69	932494	100.940	ug/l	99
57) 1,3-Dichloropropane	9.37	76	948238	96.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1607349	471.158	ug/l	100
59) 2-Hexanone	9.49	43	3200482	462.858	ug/l	99
60) Dibromochloromethane	9.58	129	624369	106.286	ug/l	99
61) 1,2-Dibromoethane	9.67	107	602770	99.930	ug/l	98
64) Tetrachloroethene	9.33	164	686991	101.279	ug/l	99
65) Chlorobenzene	10.14	112	1540561	96.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	569507	100.188	ug/l	98
67) Ethyl Benzene	10.25	91	2704822	99.047	ug/l	100
68) m/p-Xylenes	10.35	106	2088189	198.461	ug/l	99
69) o-Xylene	10.70	106	1006956	98.003	ug/l	99
70) Styrene	10.71	104	1777773	102.235	ug/l	100
71) Bromoform	10.85	173	501849	109.439	ug/l #	100
73) Isopropylbenzene	11.01	105	2639153	95.932	ug/l	99
74) N-amyl acetate	10.89	43	1230427	96.342	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	854761	91.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1032111	124.978	ug/l	80
77) Bromobenzene	11.25	156	706498	93.216	ug/l	99
78) n-propylbenzene	11.35	91	3063727	99.292	ug/l	100
79) 2-Chlorotoluene	11.42	91	1785934	95.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2244836	97.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	326330	108.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	2099318	96.530	ug/l	99
83) tert-Butylbenzene	11.77	119	2153493	96.364	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2276469	98.409	ug/l	100
85) sec-Butylbenzene	11.94	105	2640784	99.179	ug/l	100
86) p-Isopropyltoluene	12.06	119	2460277	100.825	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1278908	96.181	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1268827	93.575	ug/l	99
89) n-Butylbenzene	12.39	91	2235934	106.925	ug/l	100
90) Hexachloroethane	12.59	117	448445	102.762	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1250507	93.796	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	193544	91.698	ug/l	98

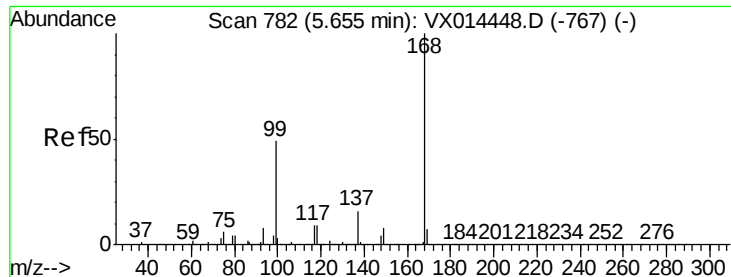
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
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QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	933697	105.670	ug/l	98
94) Hexachlorobutadiene	13.78	225	440078	103.741	ug/l	99
95) Naphthalene	13.83	128	2727283	105.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	922076	106.186	ug/l	99

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

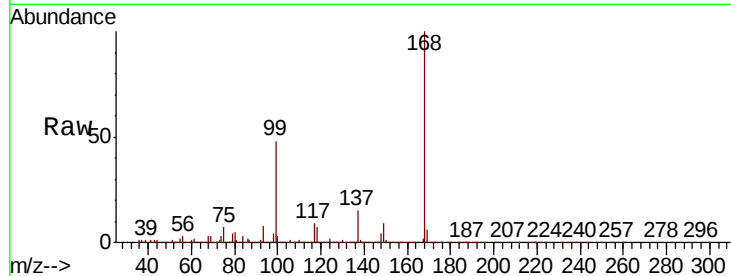


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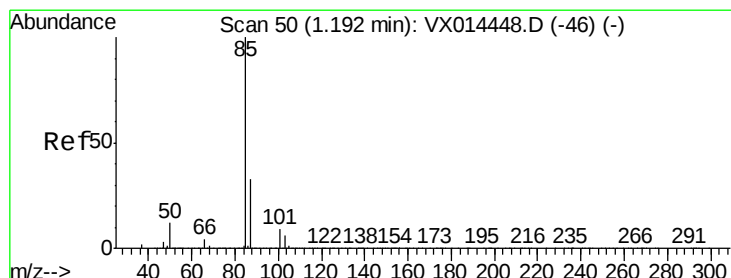
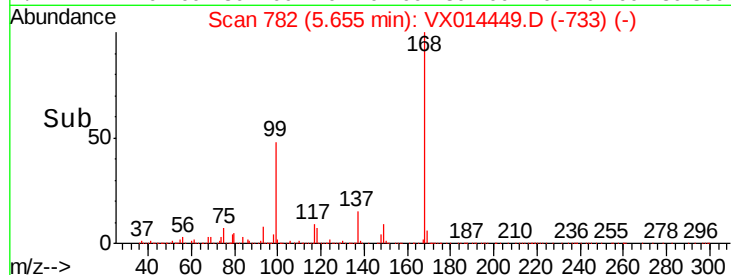
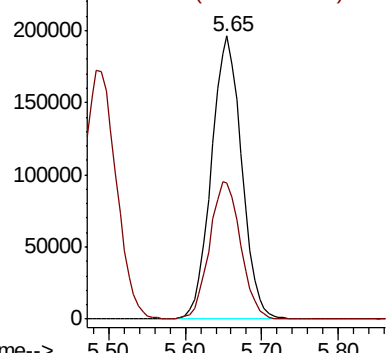
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.2	58.8



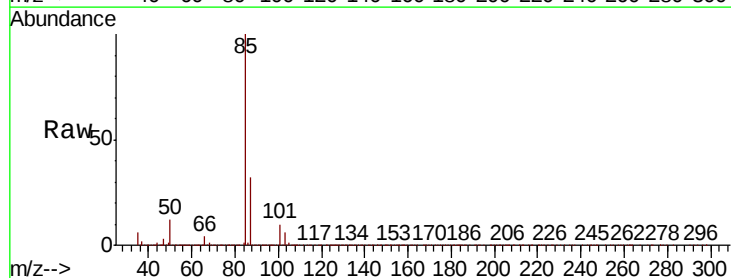
Abundance Ion 167.90 (167.60 to 168.60): V



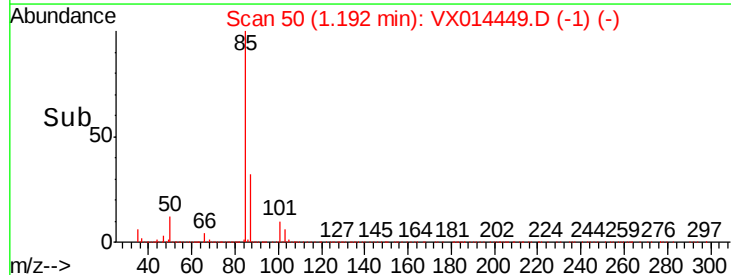
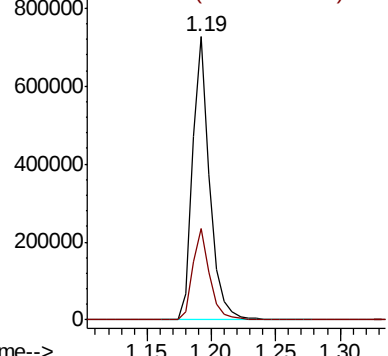
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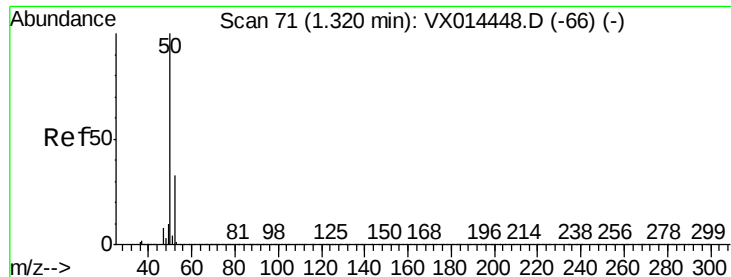
Dichlorodifluoromethane
 Concen: 130.295 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.5	49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 102.780 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

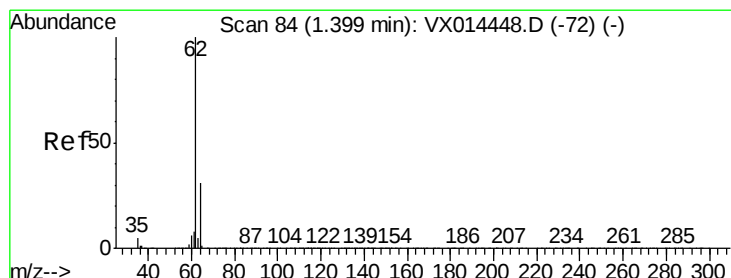
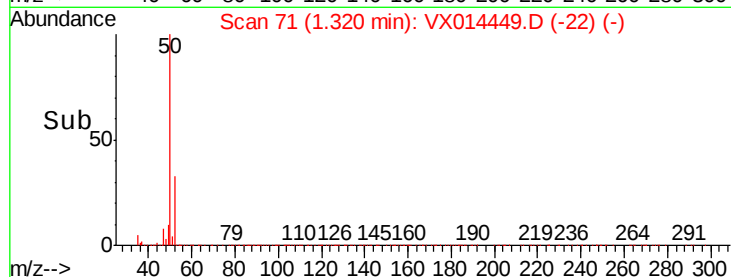
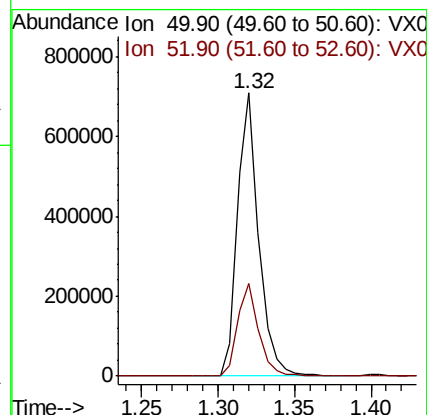
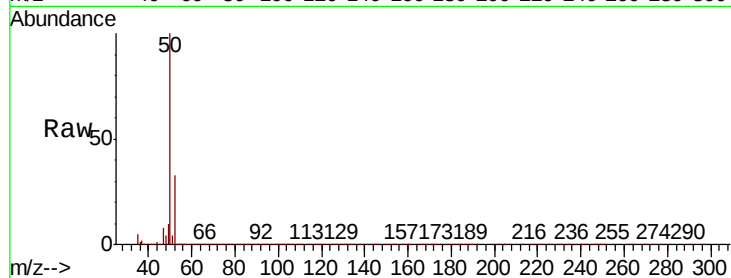
VSTDICC100

Tot Ion: 50 Resp: 679811

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 110.832 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014449.D

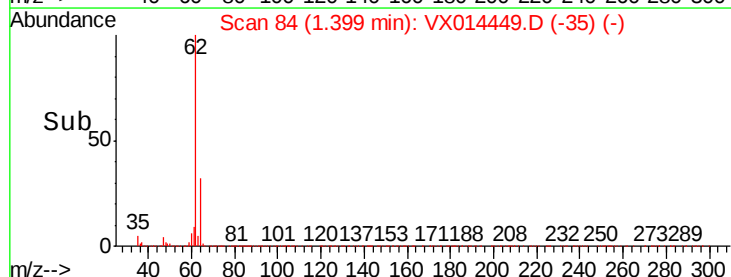
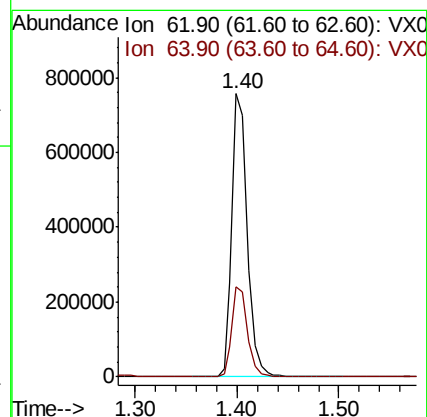
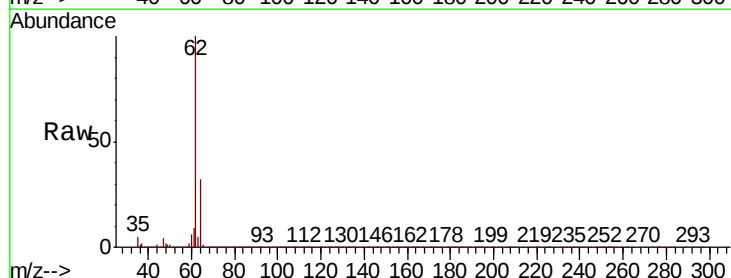
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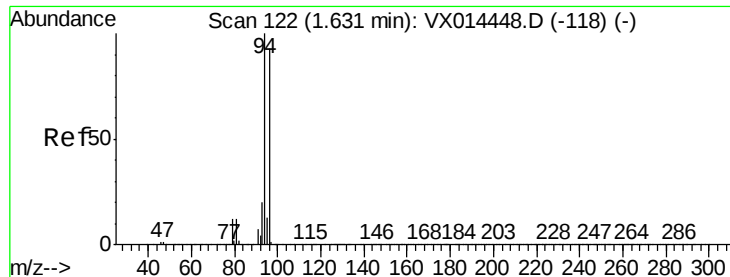
Tgt Ion: 62 Resp: 790375

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 107.999 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

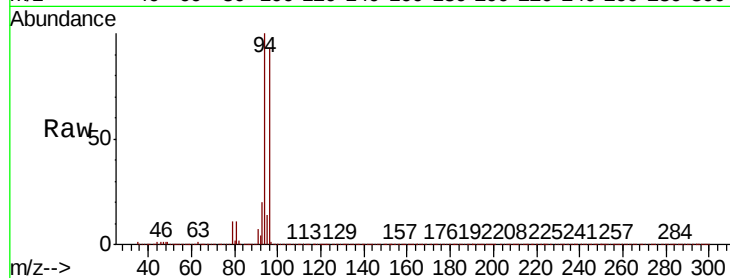
VSTDIC100

Tot Ion: 94 Resp: 530400

Ion Ratio Lower Upper

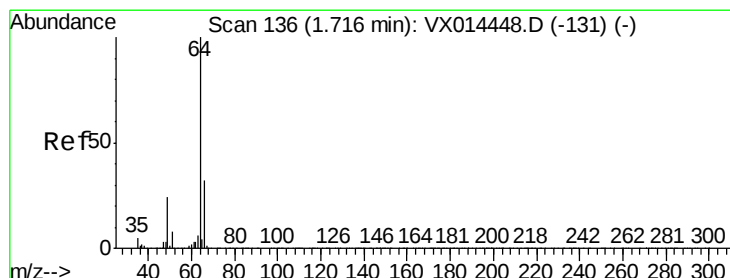
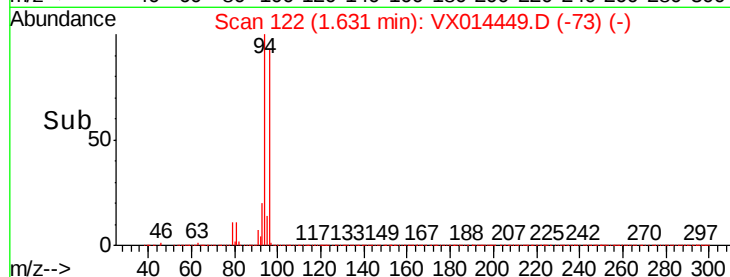
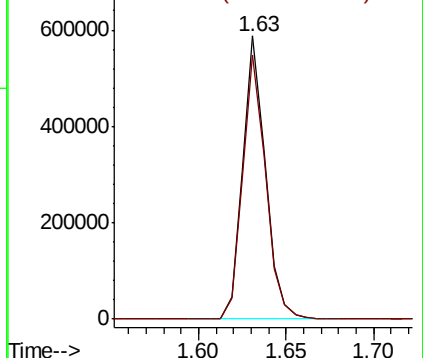
94 100

96 93.3 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: 97.544 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014449.D

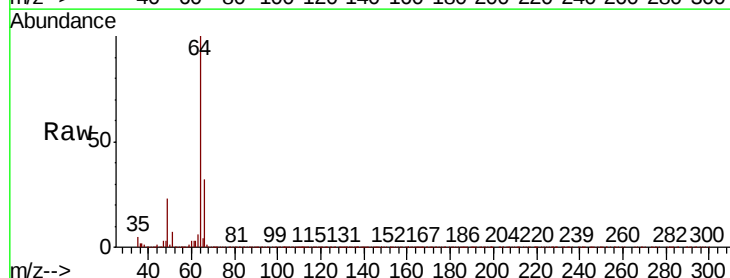
Acq: 07 Jan 2020 15:07

Tgt Ion: 64 Resp: 418325

Ion Ratio Lower Upper

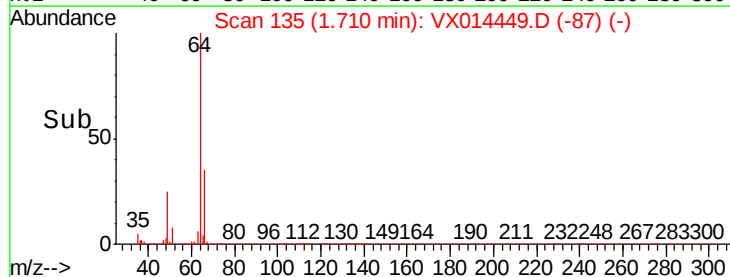
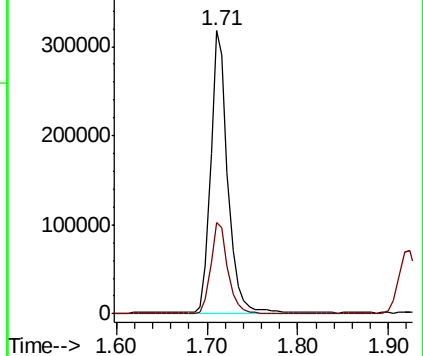
64 100

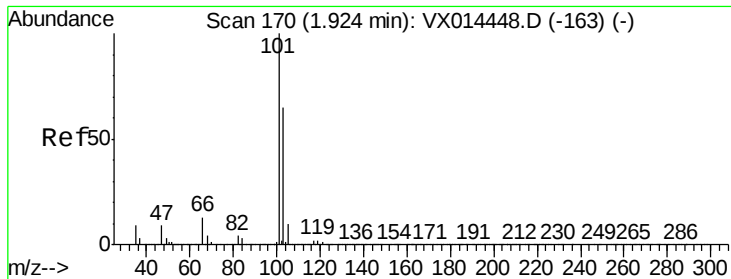
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



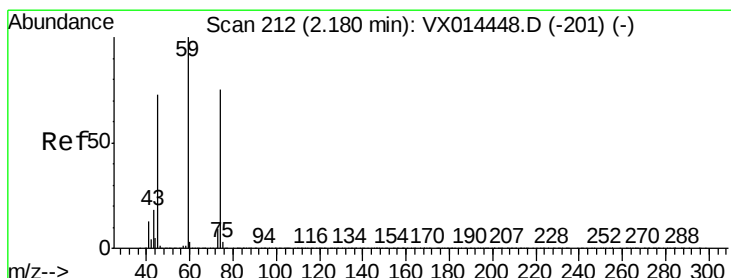
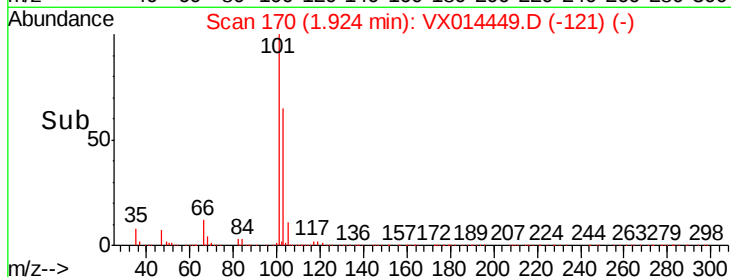
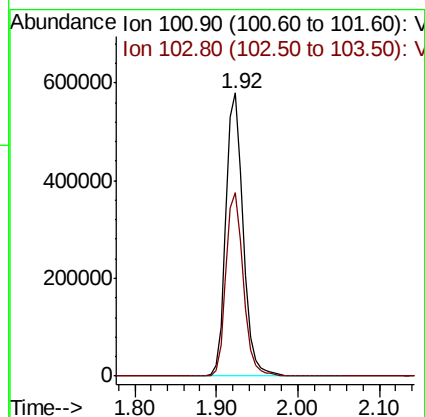
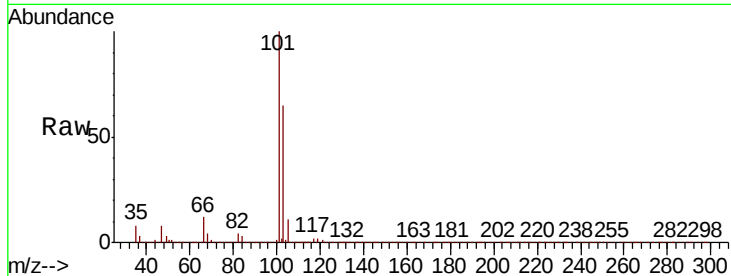


#7

Trichlorofluoromethane
Concen: 98.797 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

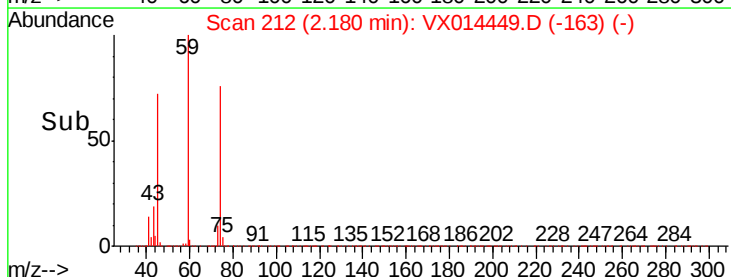
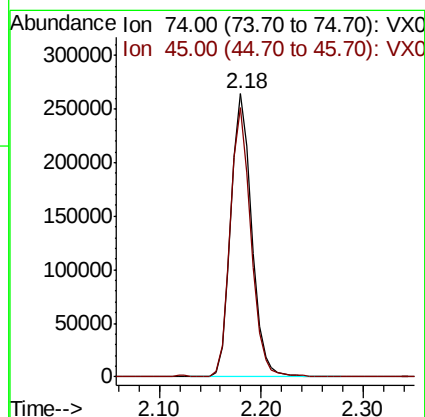
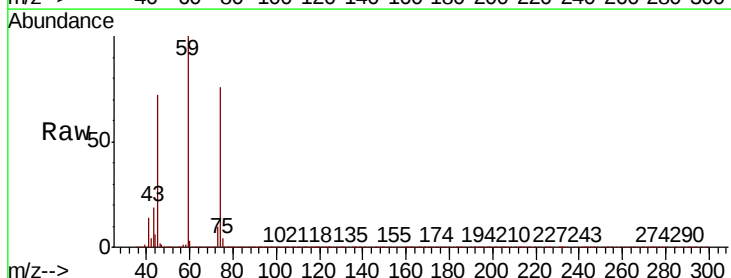
Tot Ion:101 Resp: 848049
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

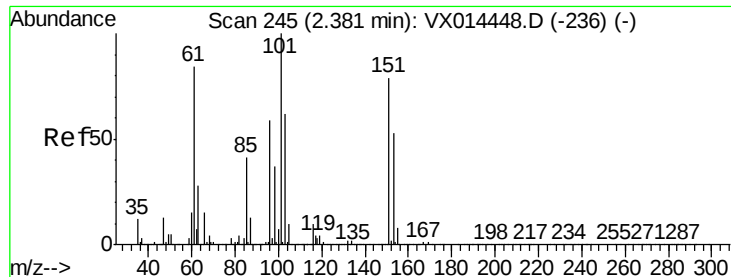


#8

Diethyl Ether
Concen: 92.945 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 74 Resp: 370950
Ion Ratio Lower Upper
74 100
45 94.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.998 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

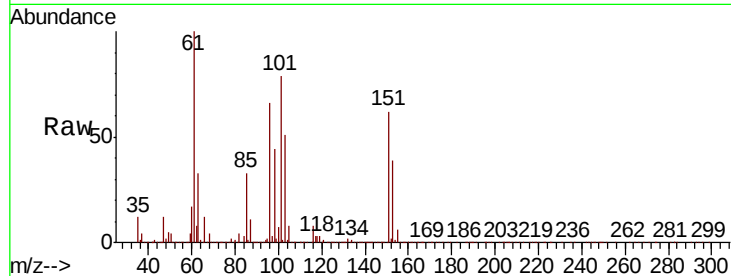
Tot Ion:101 Resp: 501399

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

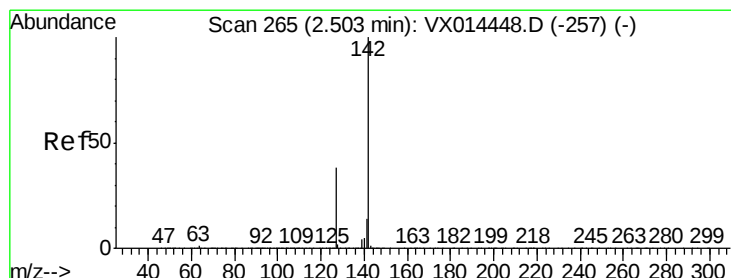
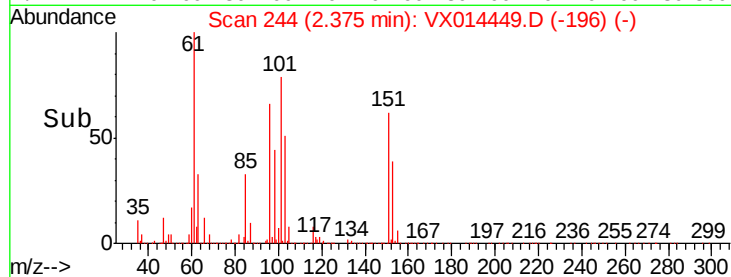
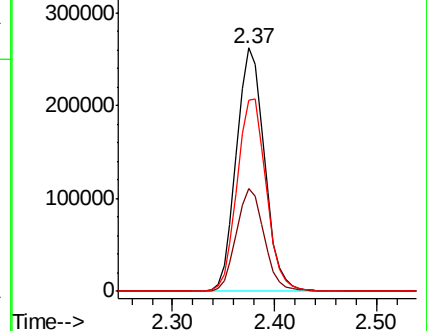
151 81.8 65.3 97.9



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: 111.185 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

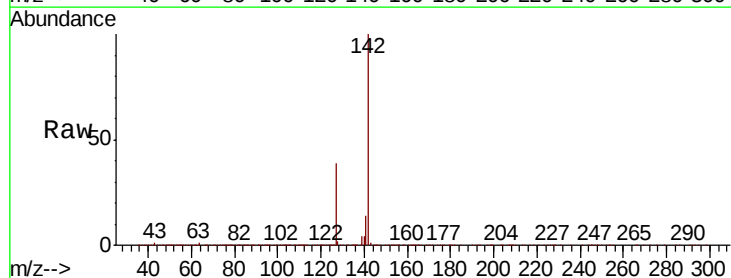
Tgt Ion:142 Resp: 702476

Ion Ratio Lower Upper

142 100

127 39.0 31.2 46.8

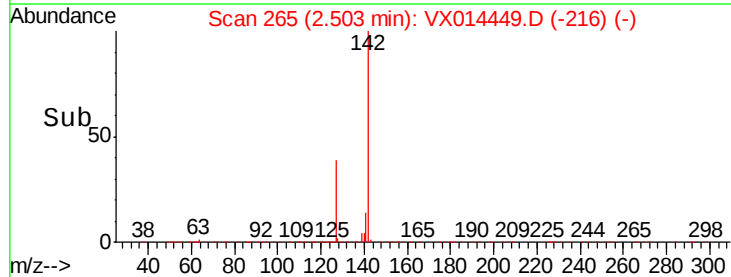
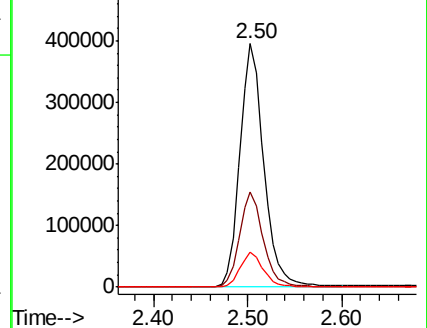
141 14.2 11.4 17.2

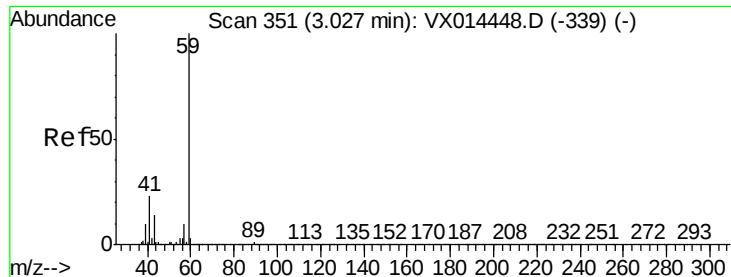


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



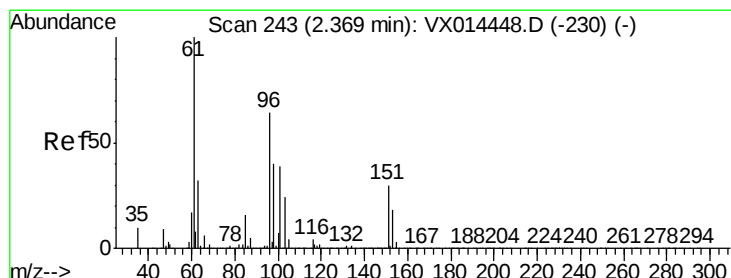
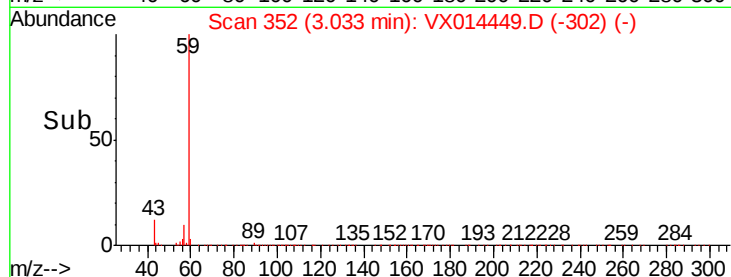
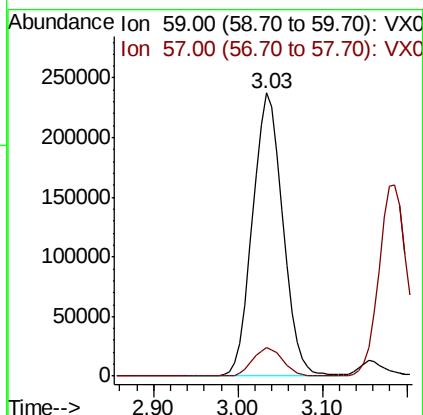
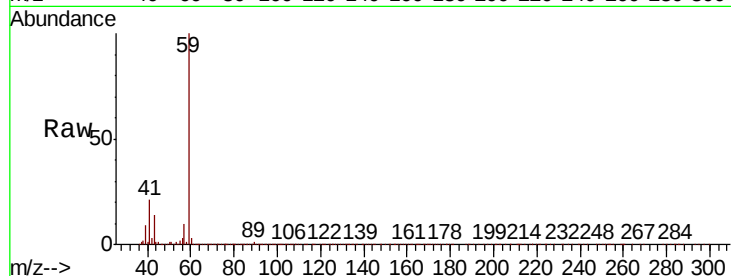


#11

Tert butyl alcohol
Concen: 433.979 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

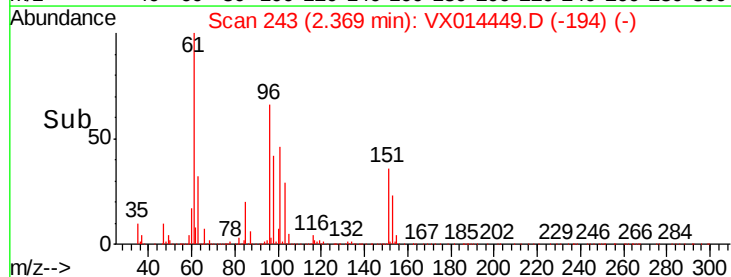
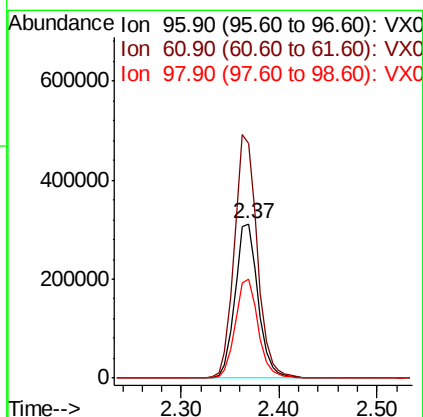
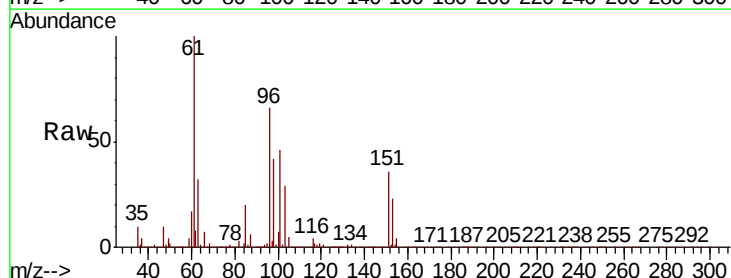
Tot Ion: 59 Resp: 581404
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

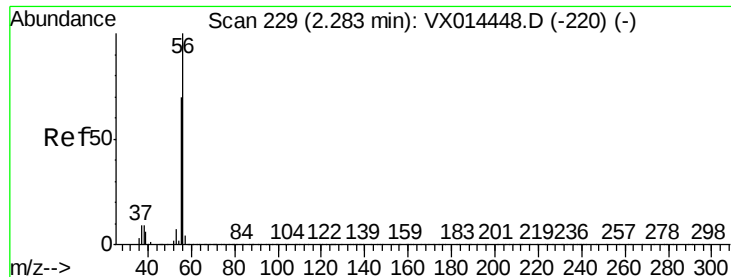


#12

1,1-Dichloroethene
Concen: 96.743 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 96 Resp: 508377
Ion Ratio Lower Upper
96 100
61 151.7 125.0 187.6
98 63.8 50.2 75.2





#13

Acrolein

Concen: 599.734 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

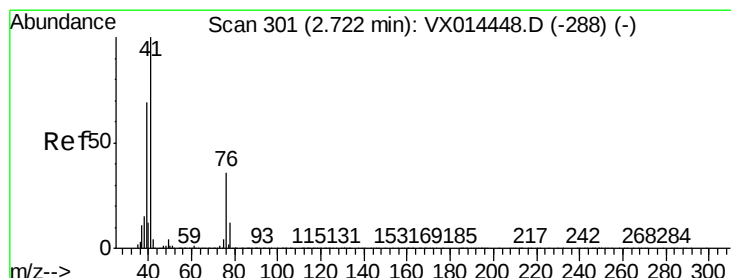
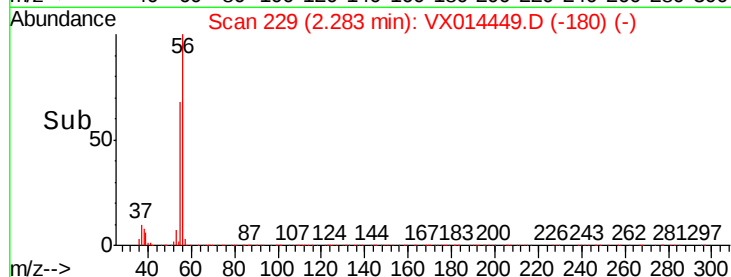
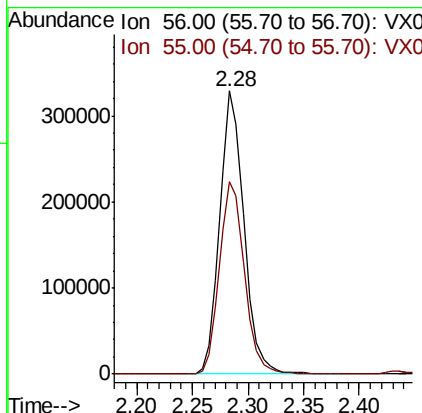
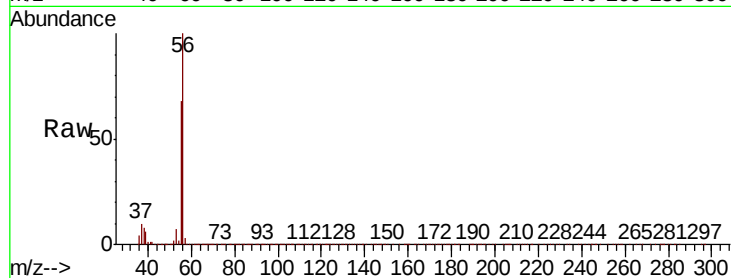
VSTDIC100

Tot Ion: 56 Resp: 493650

Ion Ratio Lower Upper

56 100

55 70.4 55.0 82.6



#14

Allyl chloride

Concen: 96.850 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

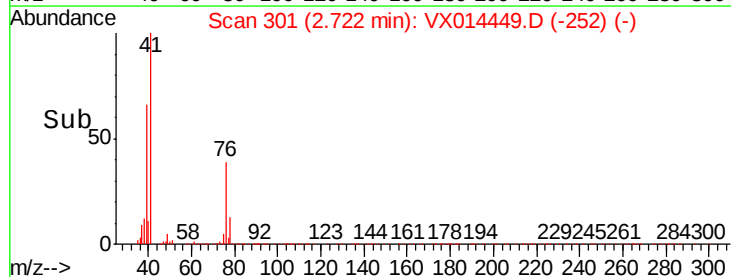
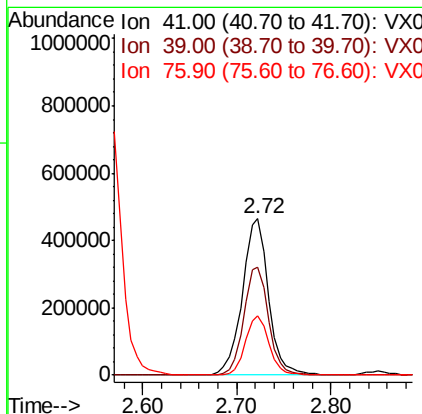
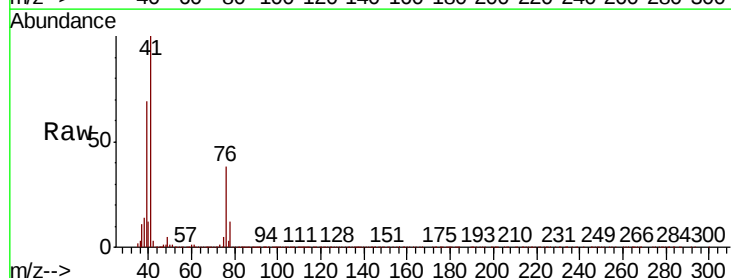
Tgt Ion: 41 Resp: 905131

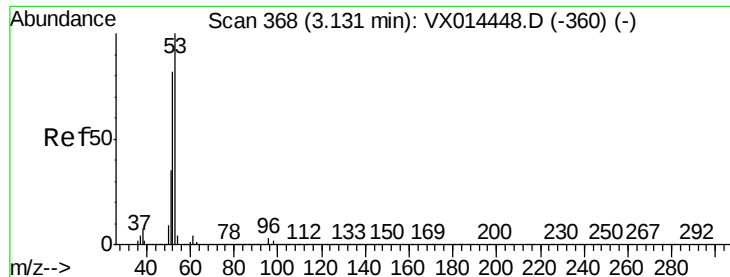
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 470.062 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

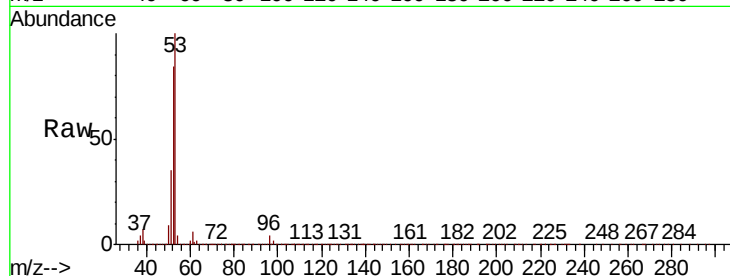
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1459504

Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	35.6	28.5	42.7

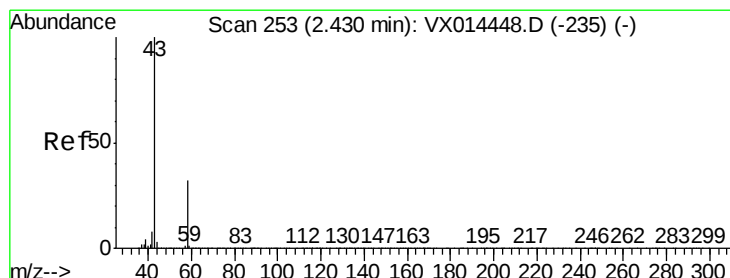
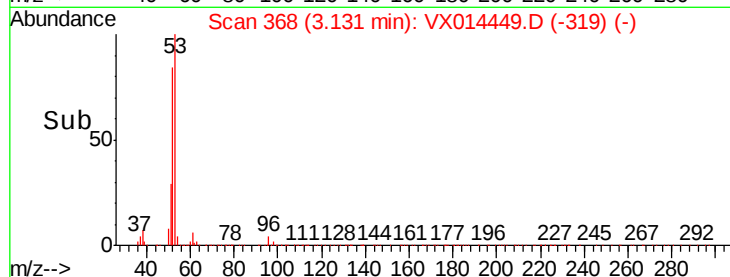
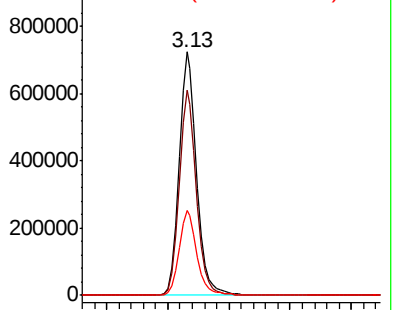


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 382.845 ug/l

RT: 2.44 min Scan# 254

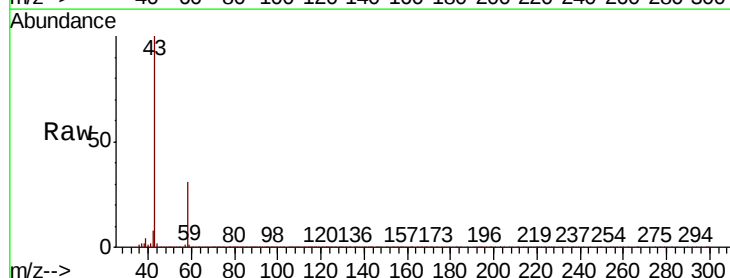
Delta R.T. 0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 43 Resp: 1471301

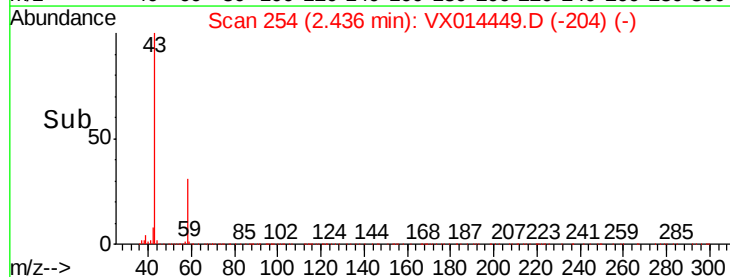
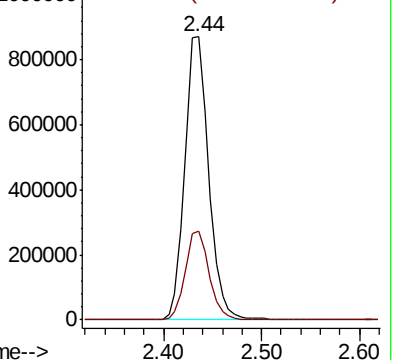
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.4	38.0

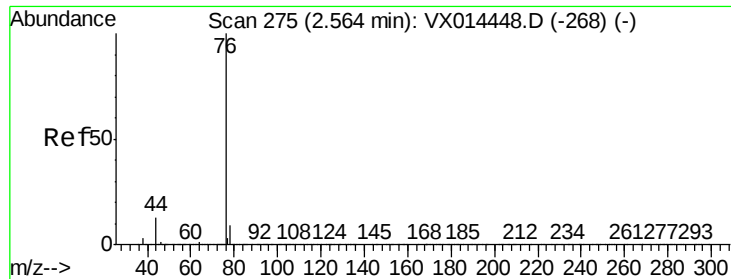


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

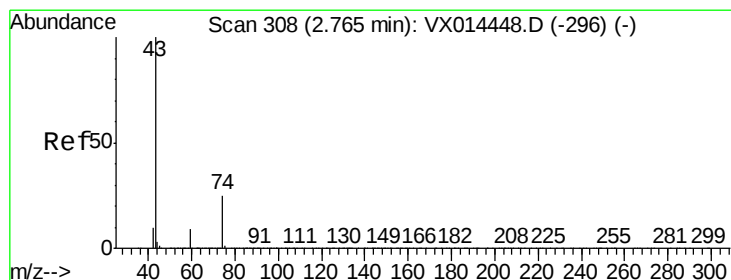
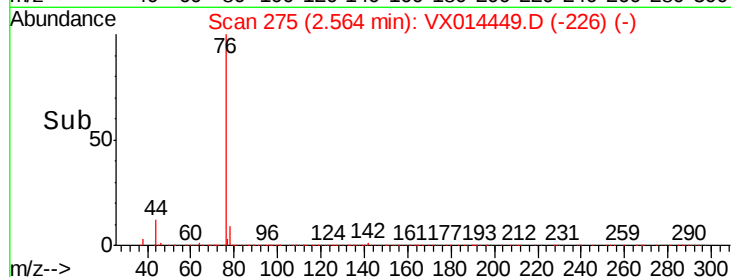
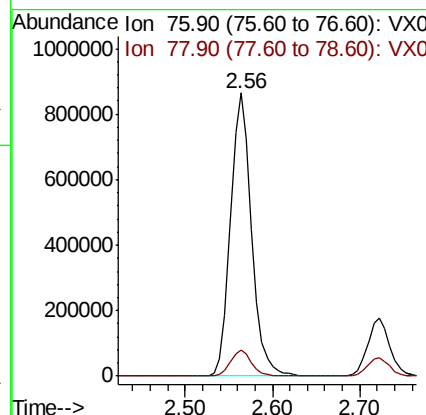
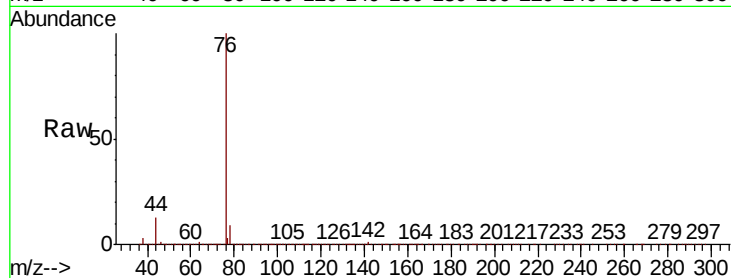




#17
Carbon Disulfide
Concen: 93.329 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

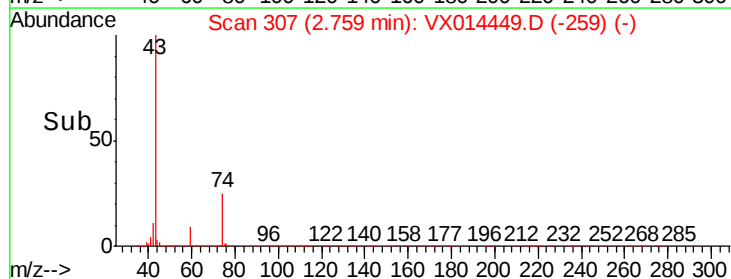
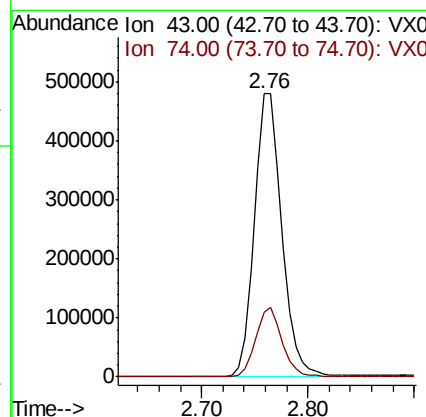
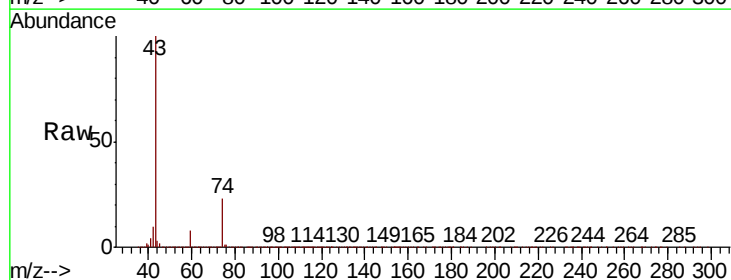
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

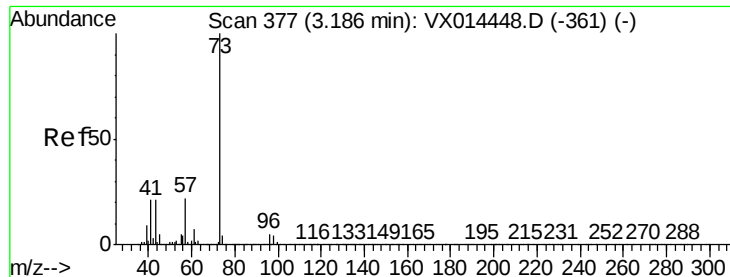
Tot Ion: 76 Resp: 1438276
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 106.229 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 43 Resp: 866762
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

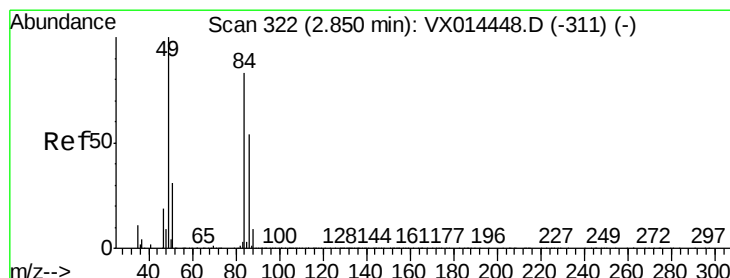
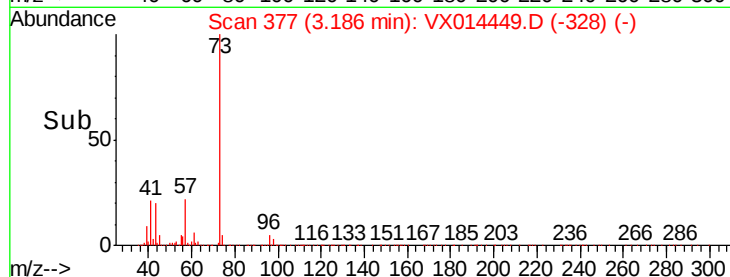
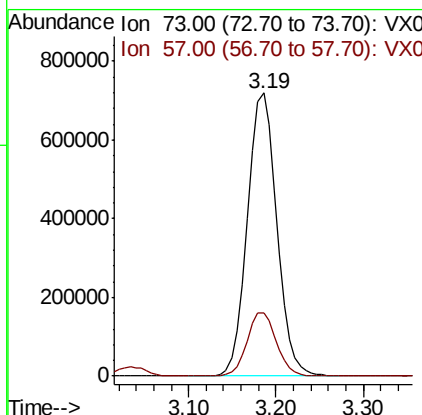
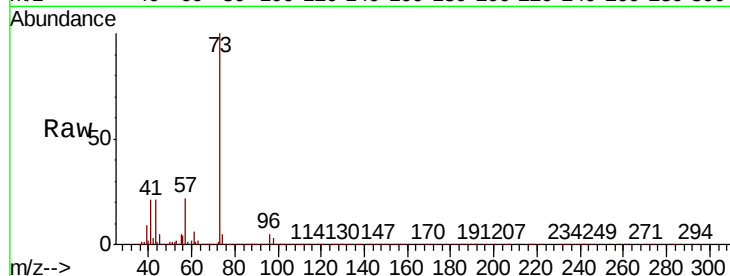




#19
Methvl tert-butvl Ether
Concen: 97.784 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

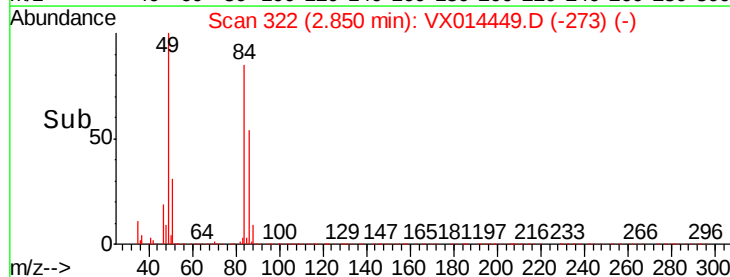
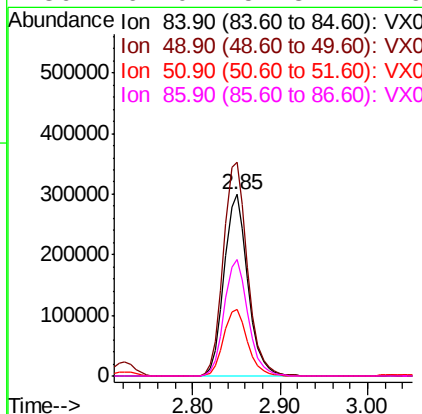
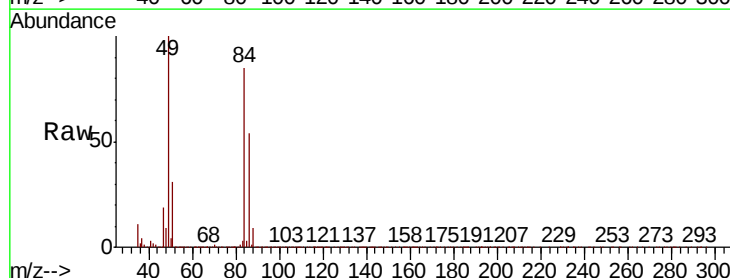
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

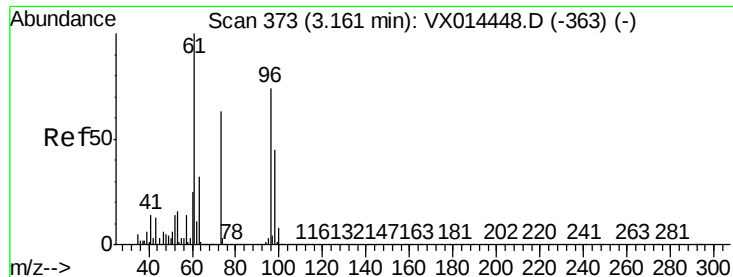
Tot Ion: 73 Resp: 1681785
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 89.190 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 84 Resp: 561679
Ion Ratio Lower Upper
84 100
49 117.6 95.8 143.8
51 36.9 30.2 45.4
86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 95.615 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

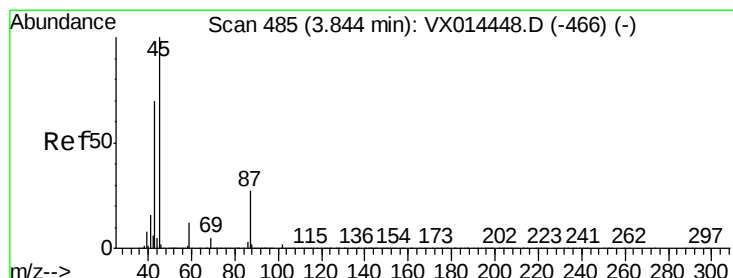
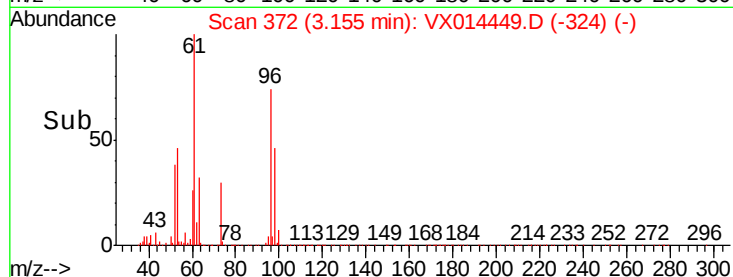
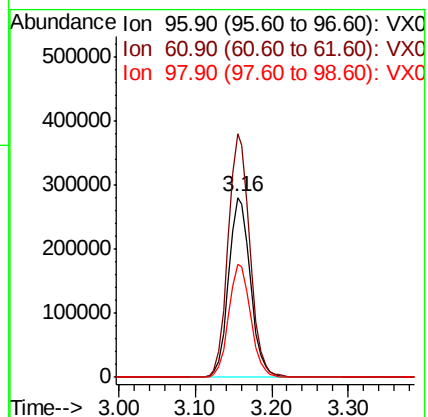
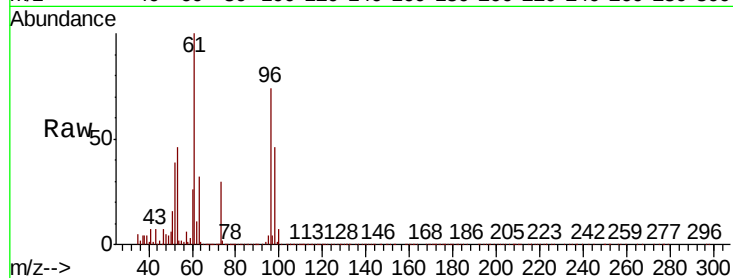
Tot Ion: 96 Resp: 551703

Ion Ratio Lower Upper

96 100

61 135.0 108.2 162.4

98 62.6 48.8 73.2



#22

Diisopropyl ether

Concen: 95.977 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 45 Resp: 1783547

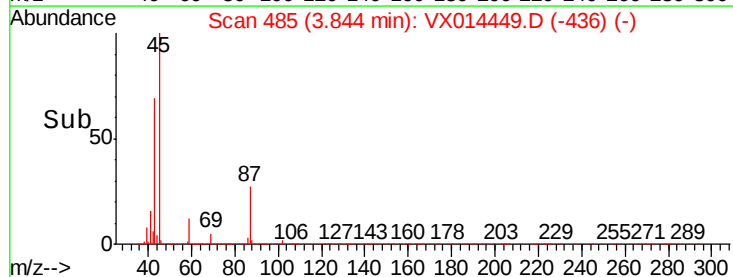
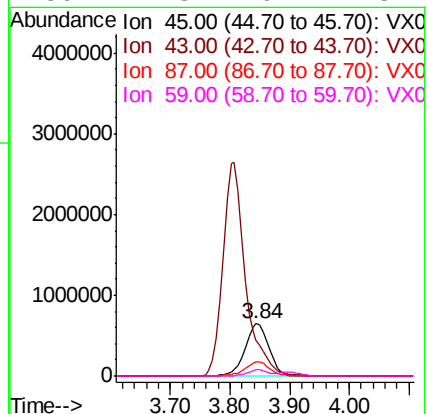
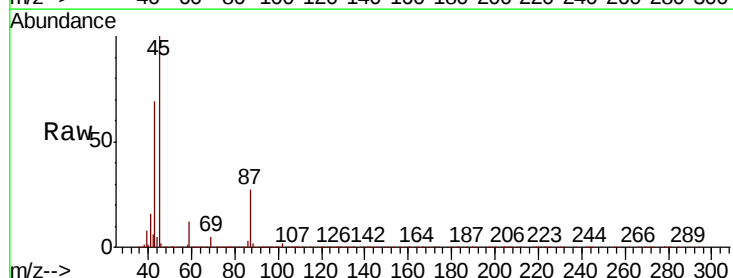
Ion Ratio Lower Upper

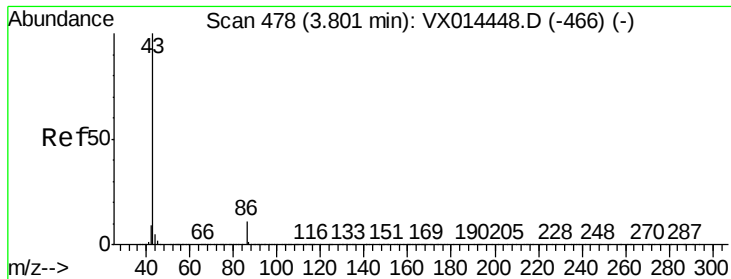
45 100

43 69.0 55.8 83.6

87 27.1 21.8 32.8

59 11.8 9.1 13.7

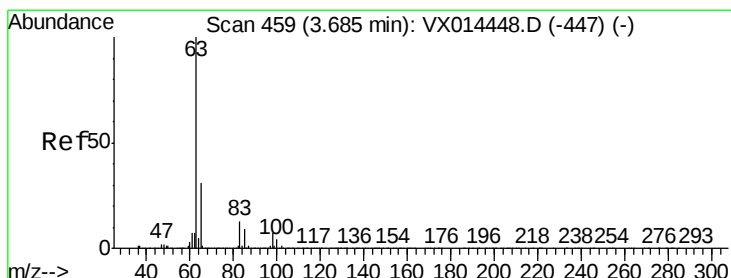
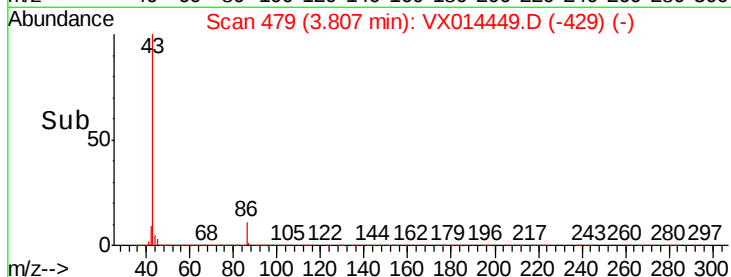
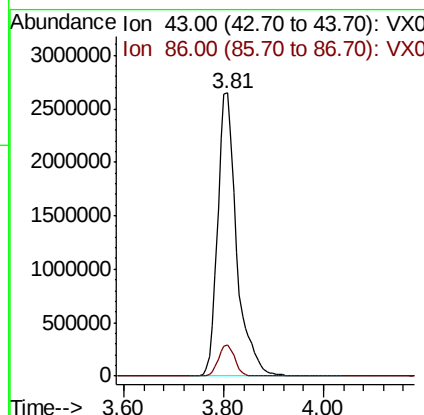
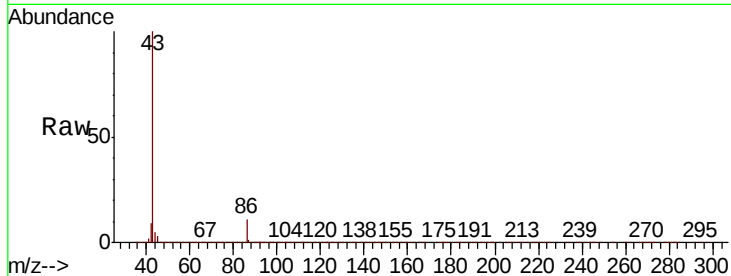




#23
 Vinyl Acetate
 Concen: 466.623 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

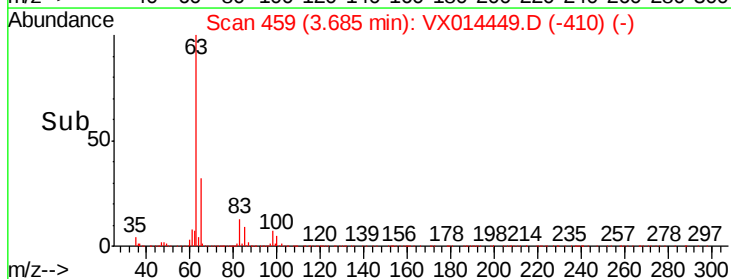
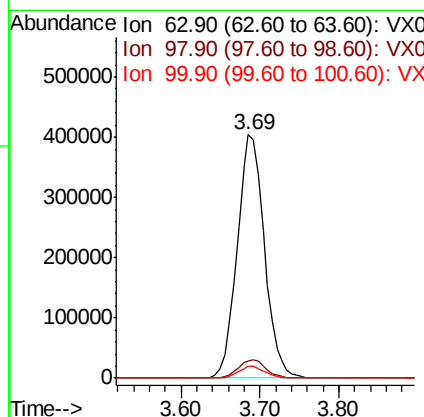
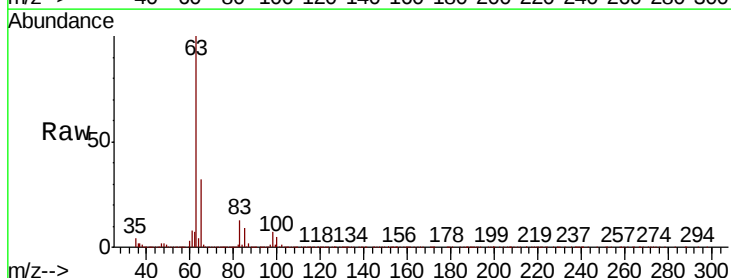
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

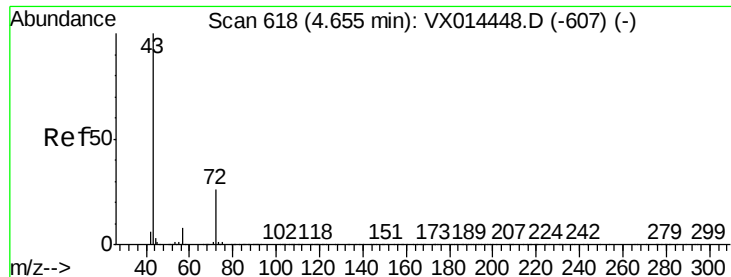
Tot Ion: 43 Resp: 6986229
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 93.560 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion: 63 Resp: 967737
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 444.185 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

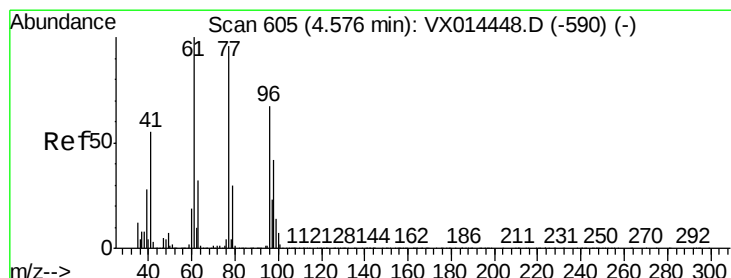
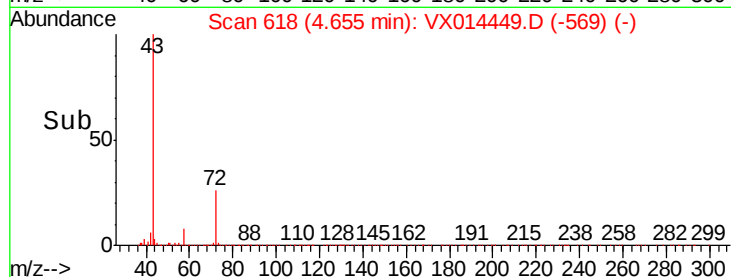
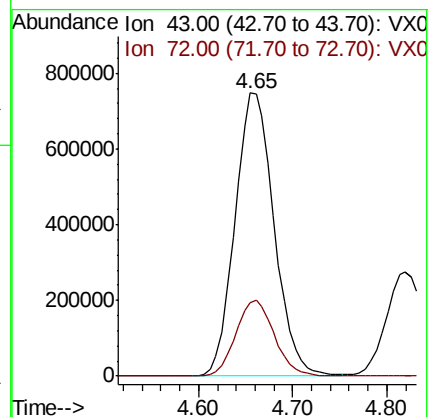
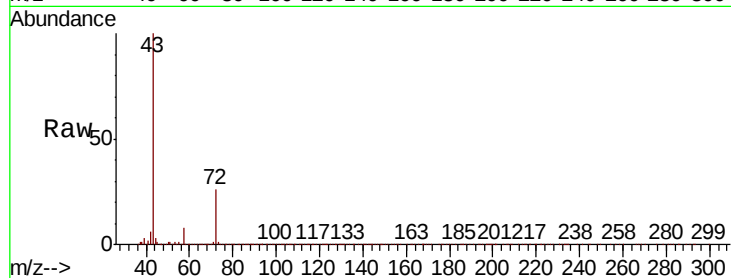
VSTDIC100

Tot Ion: 43 Resp: 2154907

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 101.275 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014449.D

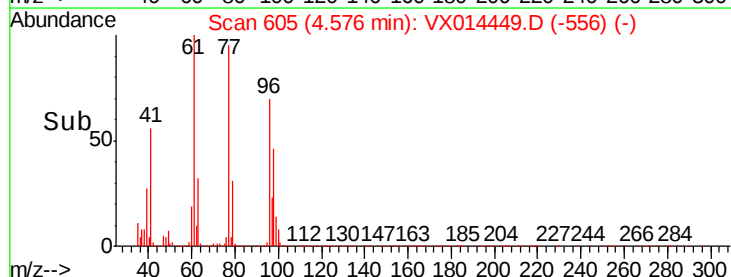
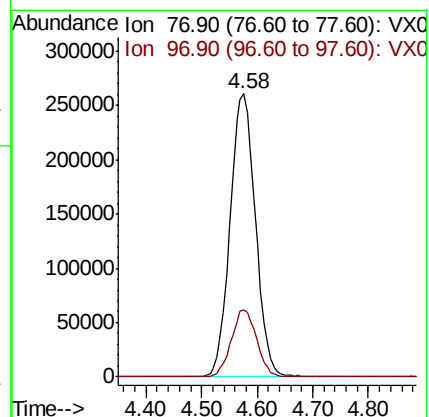
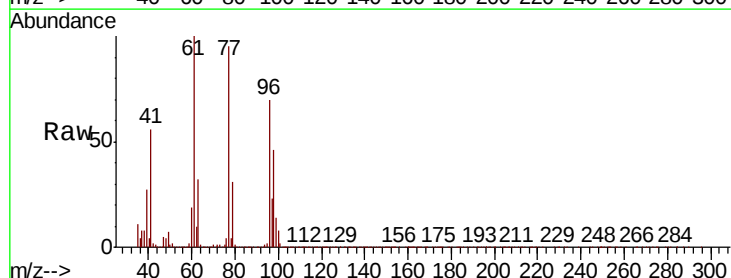
Acq: 07 Jan 2020 15:07

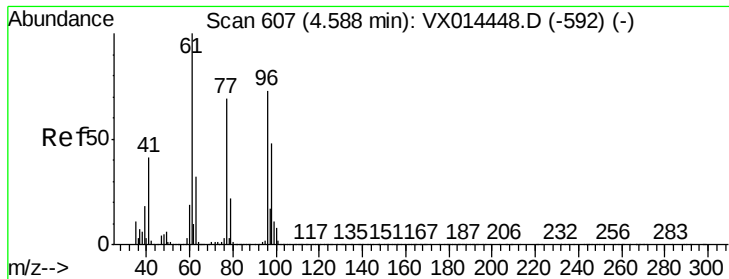
Tgt Ion: 77 Resp: 819654

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1



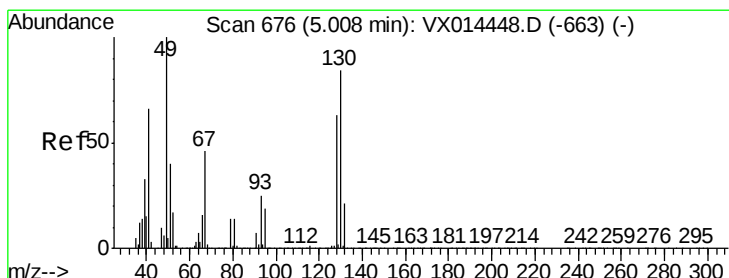
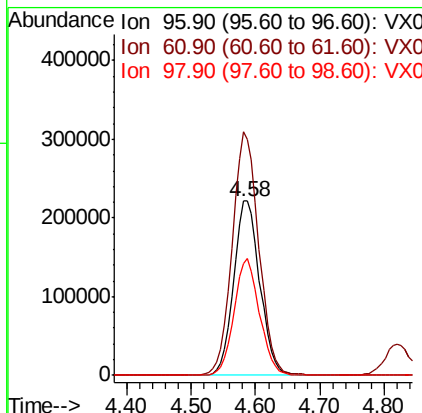
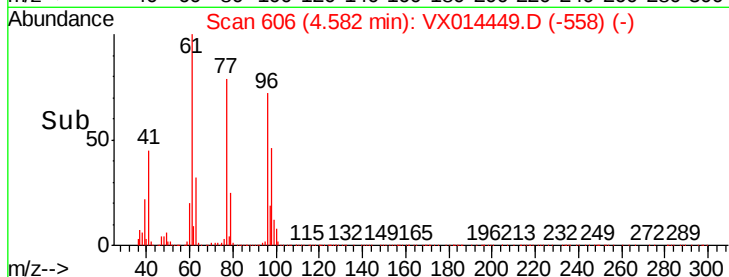
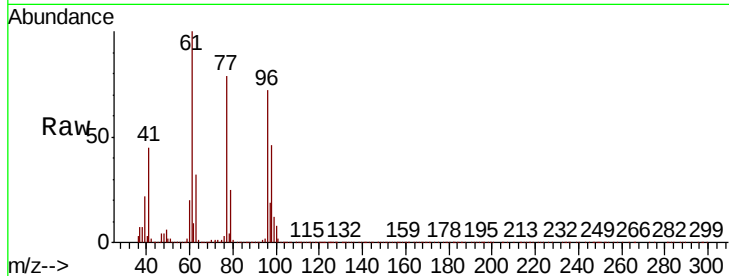


#27

cis-1,2-Dichloroethene
Concen: 95.978 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

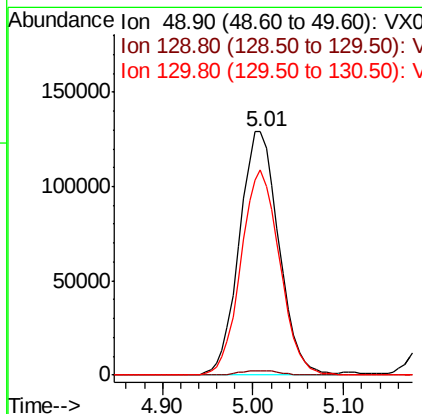
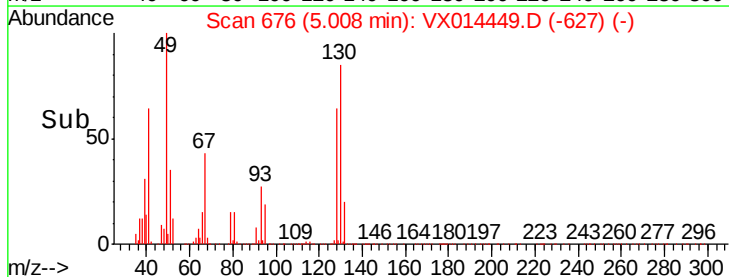
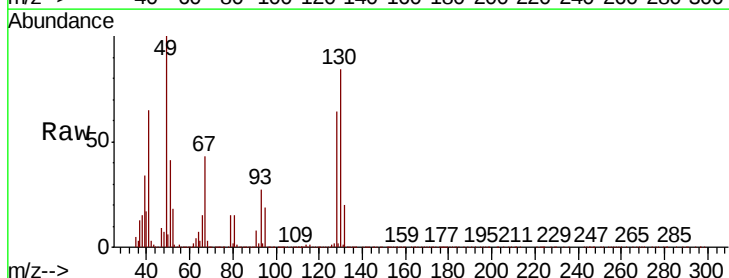
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.4
98	65.1	0.0	130.6

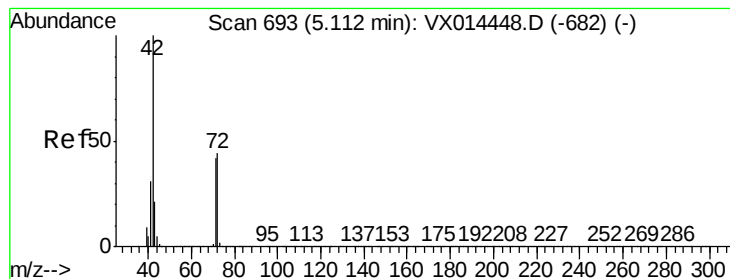


#28

Bromochloromethane
Concen: 108.277 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	83.1	67.0	100.4





#29

Tetrahydrofuran

Concen: 476.847 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

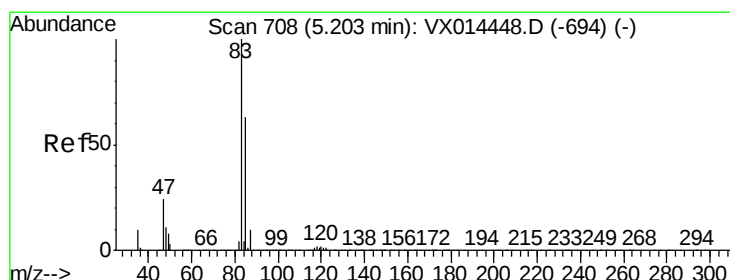
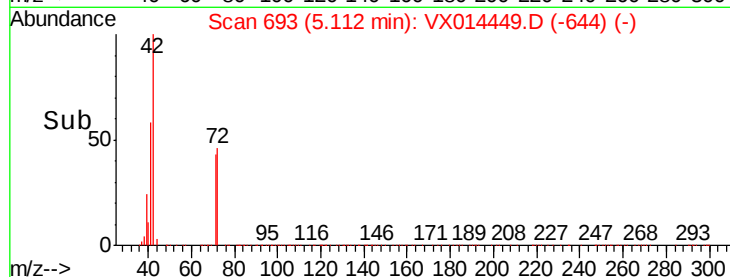
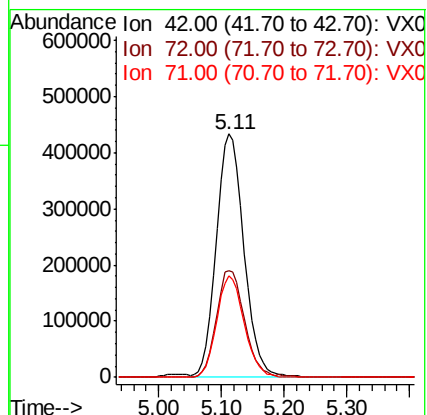
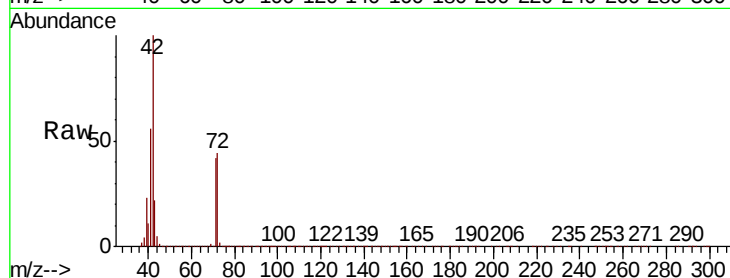
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 42 Resp: 1318487

Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.2	54.4
71	41.7	34.1	51.1



#30

Chloroform

Concen: 96.054 ug/l

RT: 5.20 min Scan# 708

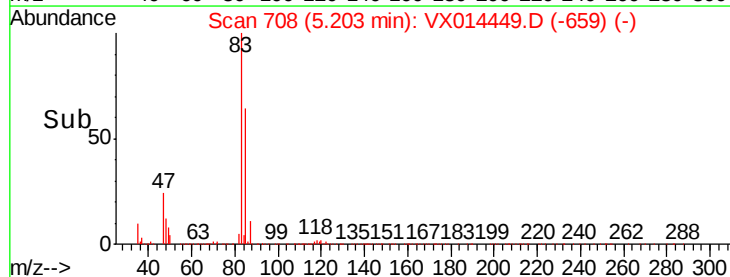
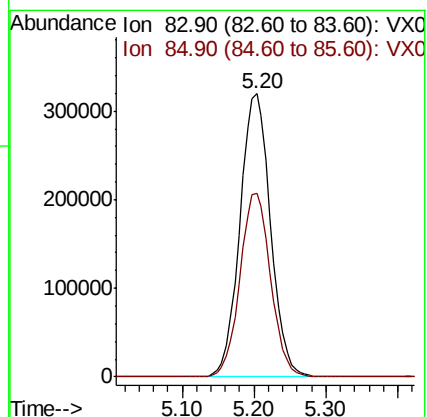
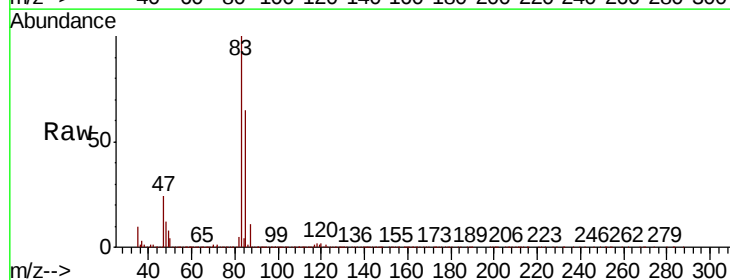
Delta R.T. 0.00 min

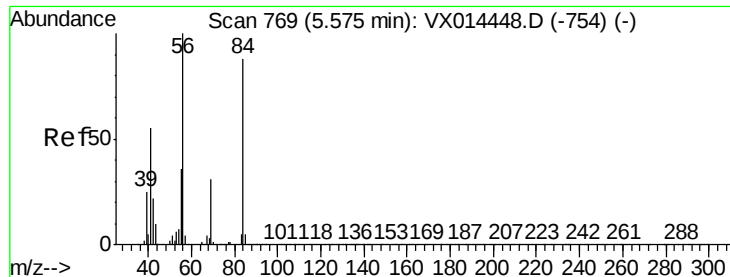
Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 83 Resp: 940914

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	75.8

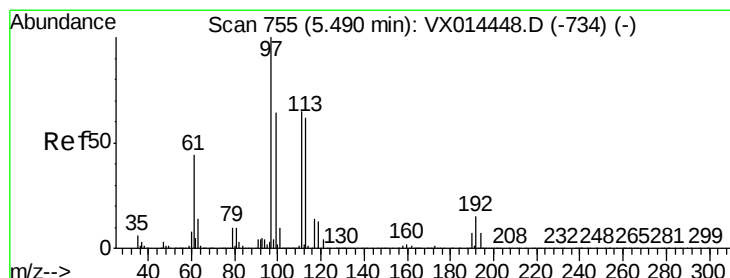
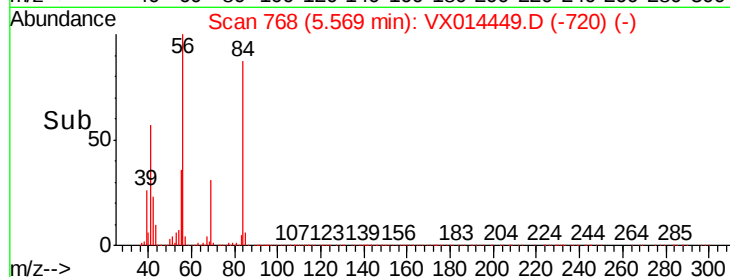
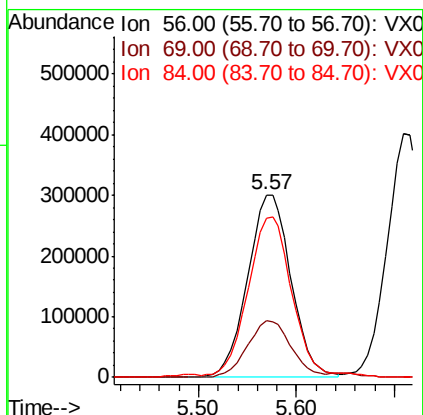
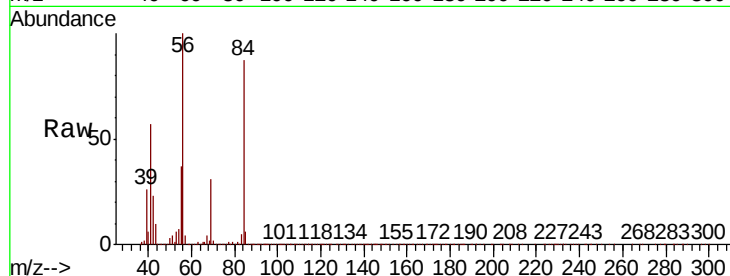




#31
Cyclohexane
Concen: 99.827 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

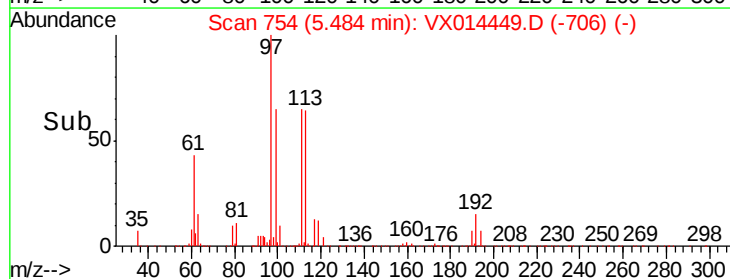
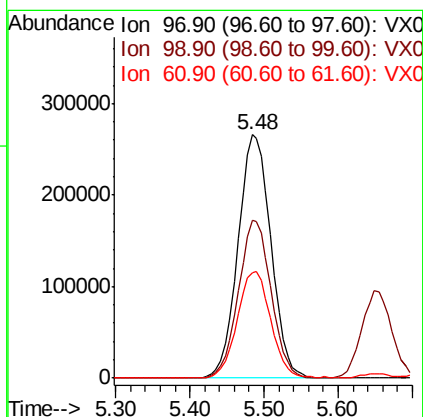
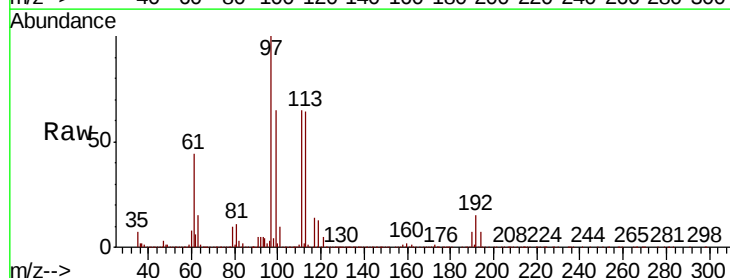
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

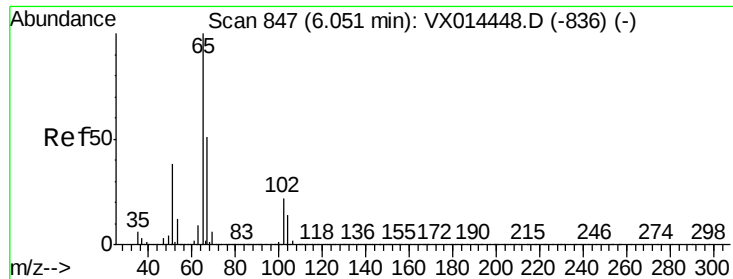
Tot Ion: 56 Resp: 926008
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 86.1 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 98.099 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 97 Resp: 822012
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 44.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 97.301 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

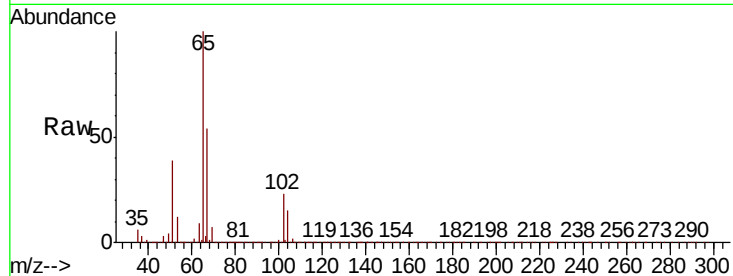
VSTDIC100

Tot Ion: 65 Resp: 592962

Ion Ratio Lower Upper

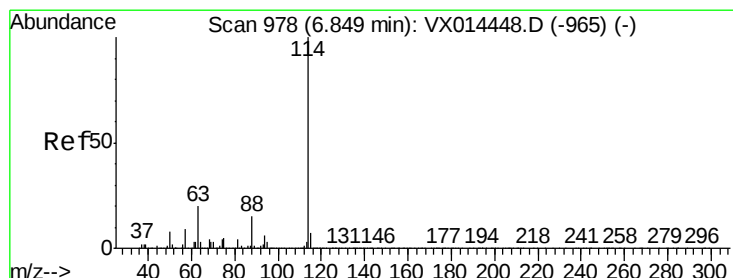
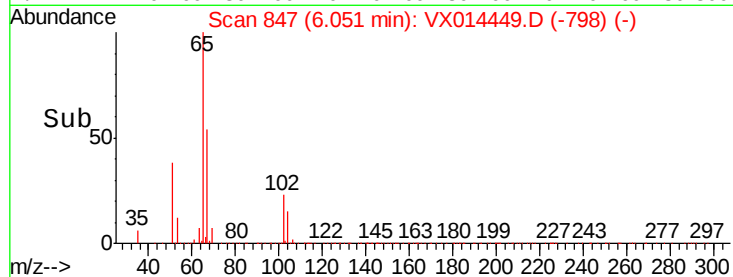
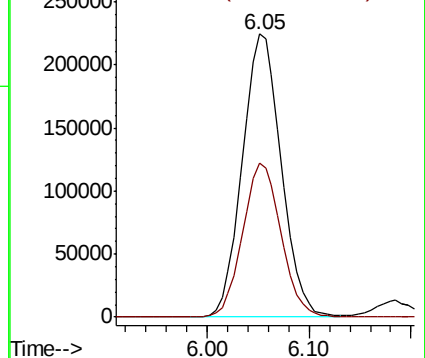
65 100

67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

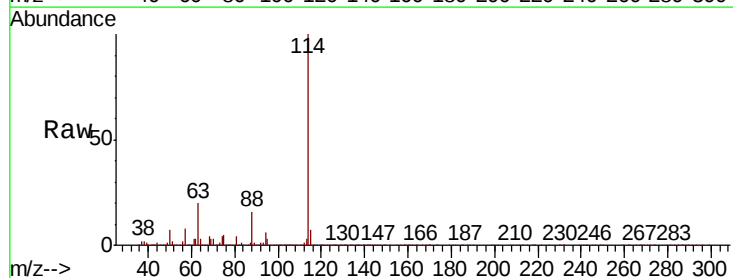
Tgt Ion: 114 Resp: 819943

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

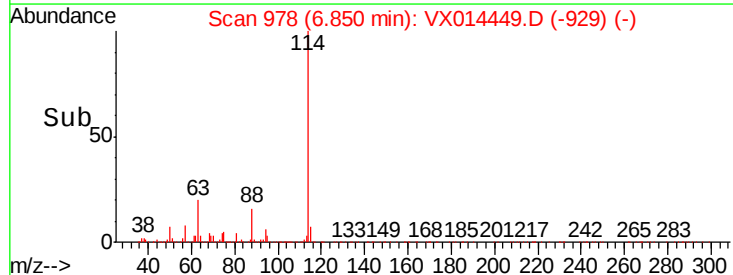
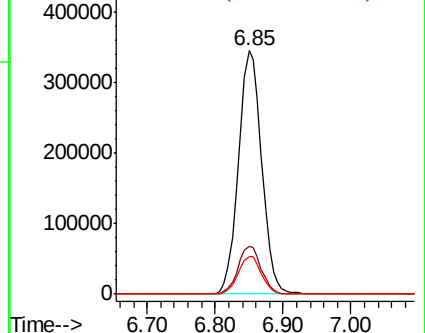
88 15.5 0.0 30.8

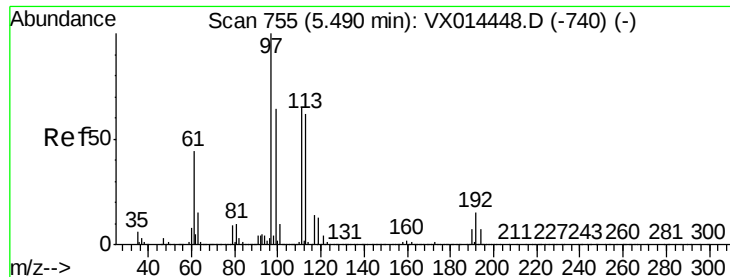


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

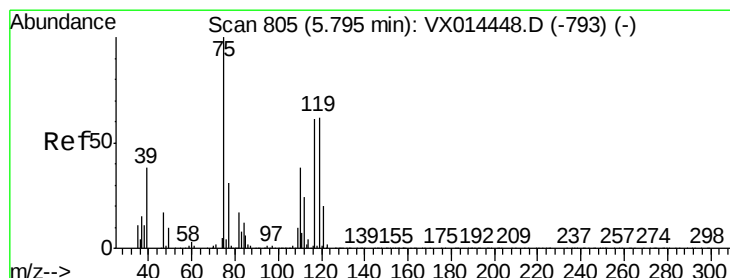
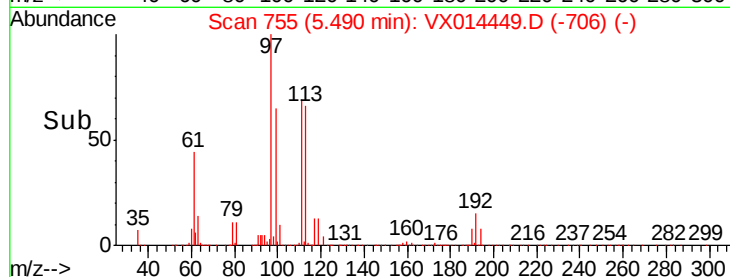
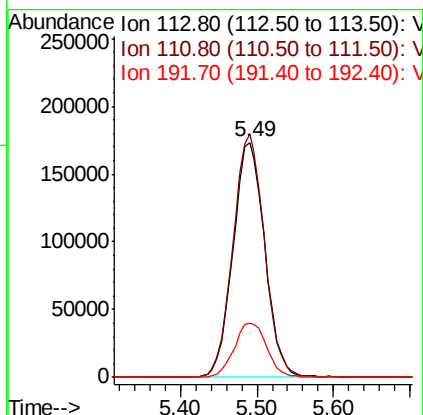
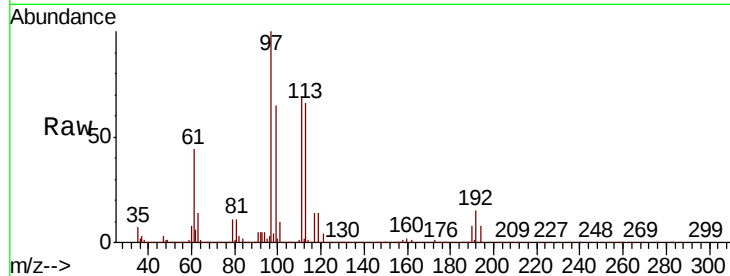




#35
 Dibromofluoromethane
 Concen: 100.104 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

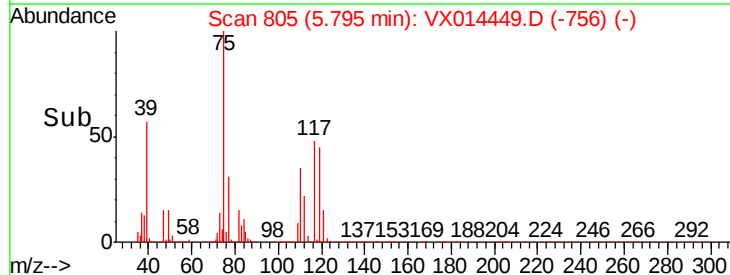
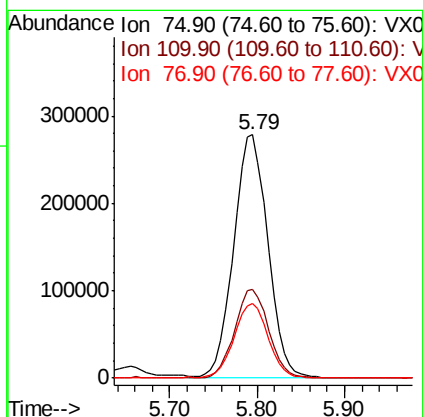
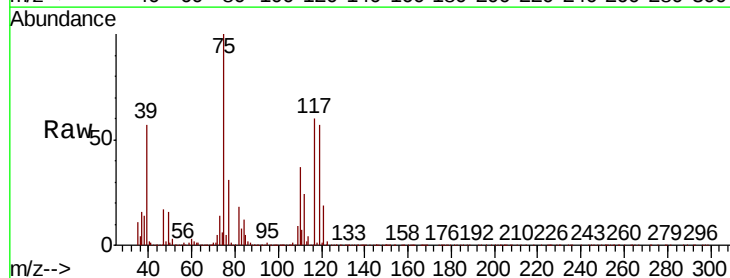
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

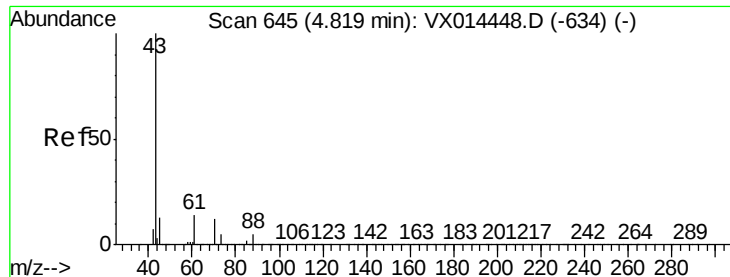
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.7	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 99.152 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.8
77	30.7	24.5	36.7

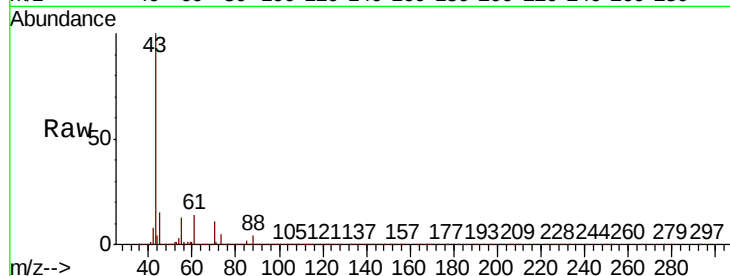




#37
Ethyl Acetate
Concen: 97.184 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.8	8.9	13.3

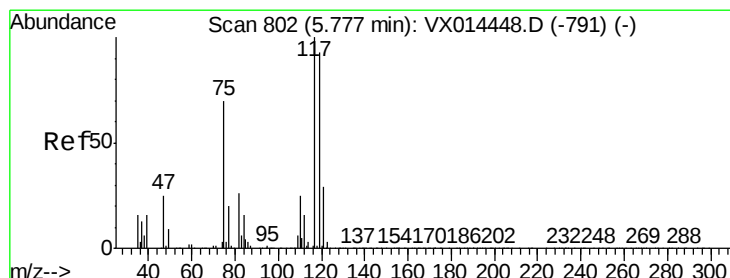
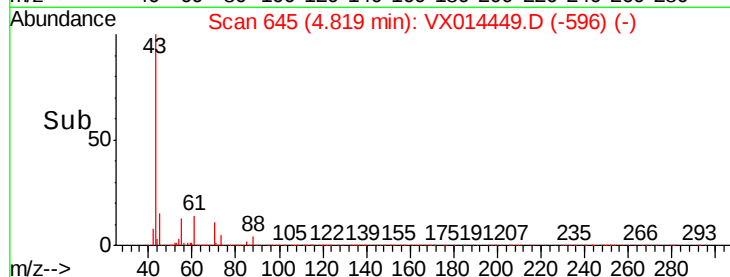
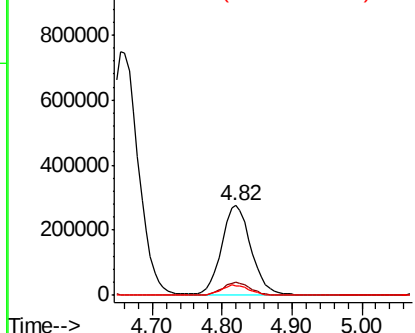


Abundance

Ion 43.00 (42.70 to 43.70): VX0

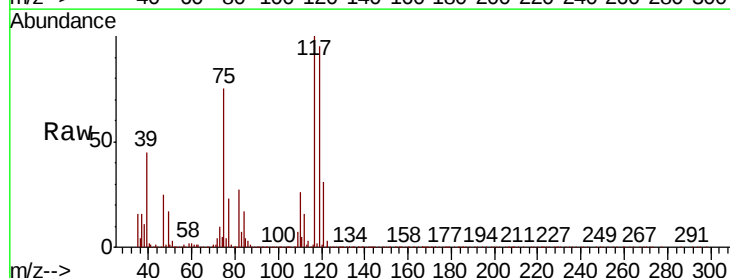
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 104.109 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	73.8	110.8
121	30.5	23.4	35.0

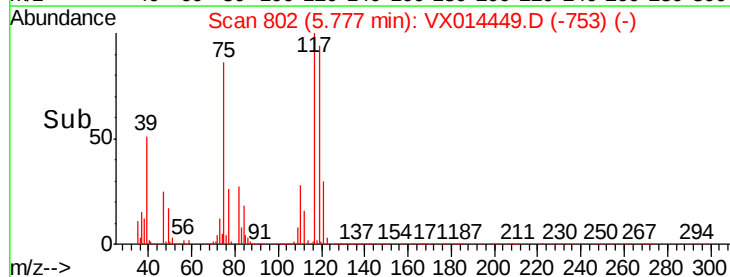
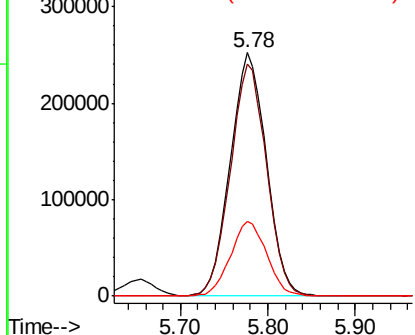


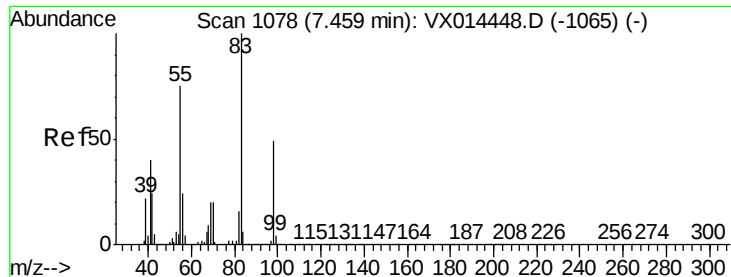
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

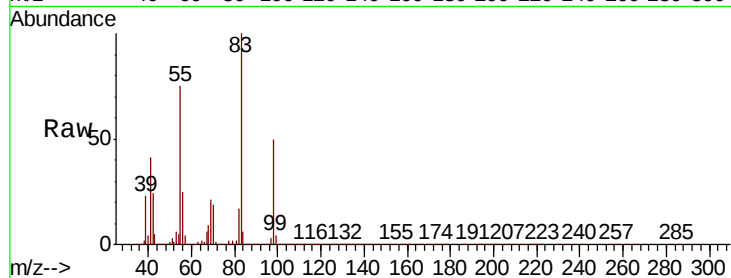




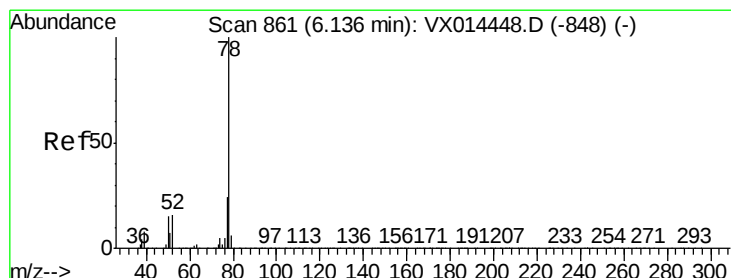
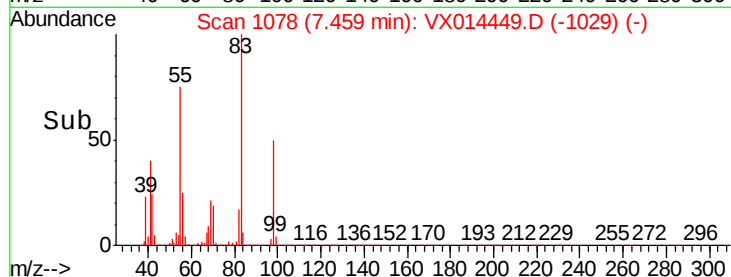
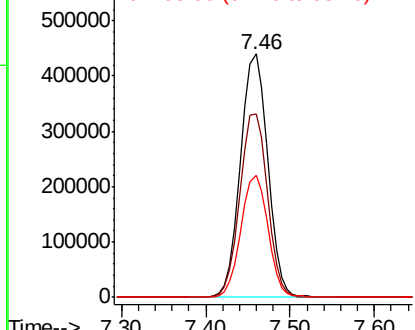
#39
Methvlcvclohexane
Concen: 101.878 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.7	89.5
98	50.3	39.1	58.7

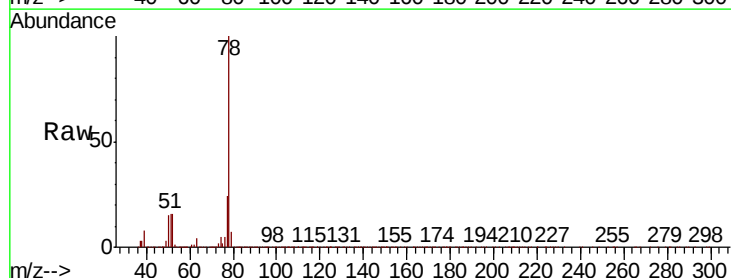


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

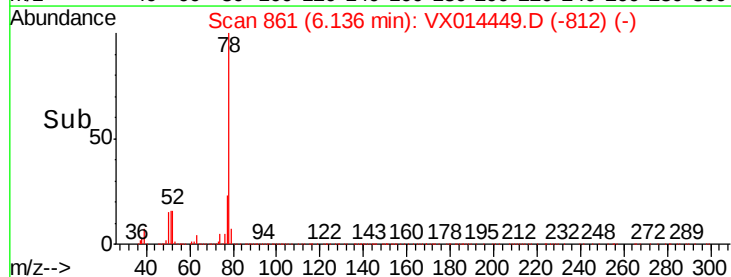
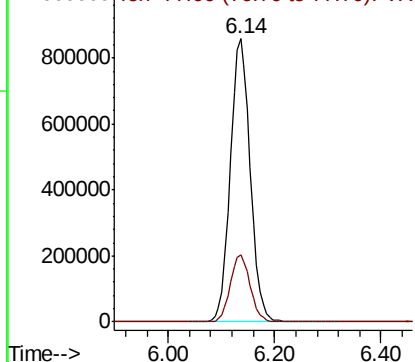


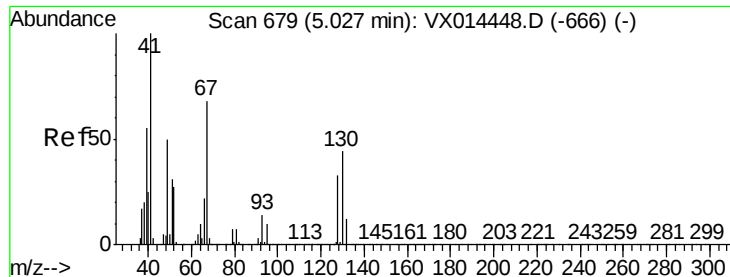
#40
Benzene
Concen: 96.515 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3



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

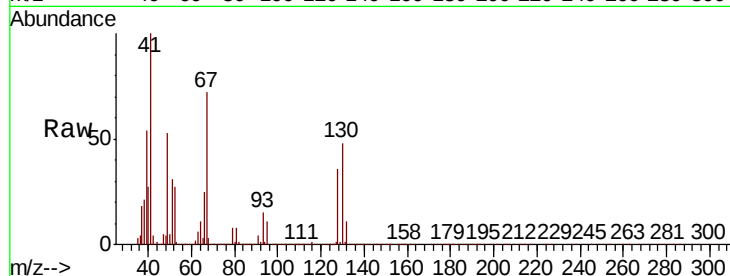




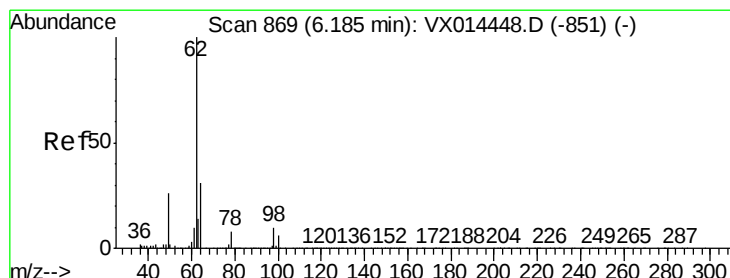
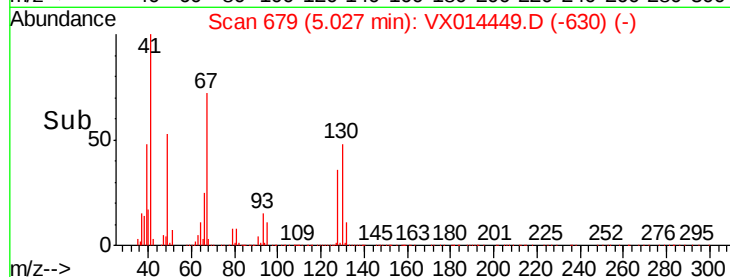
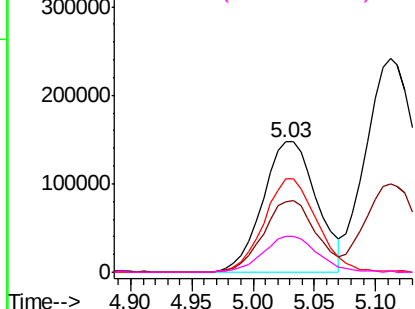
#41
Methacrylonitrile
Concen: 97.136 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	450261
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.6	65.4
67	70.9	57.9	86.9
52	28.1	23.0	34.6

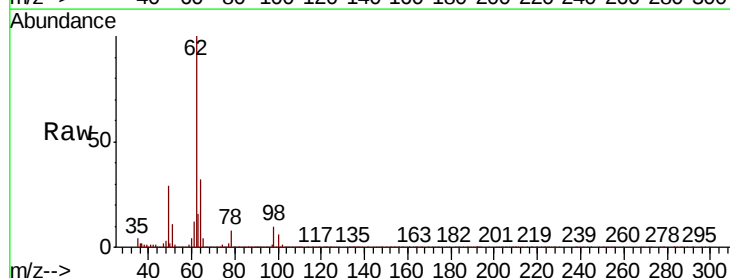


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

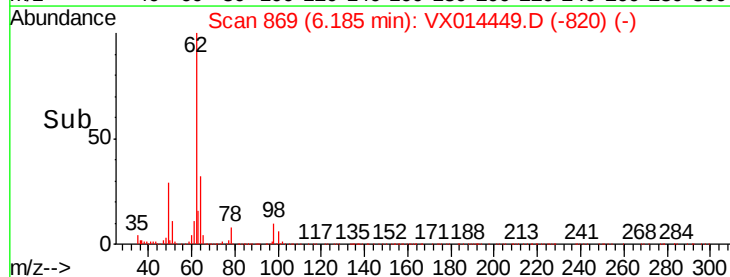
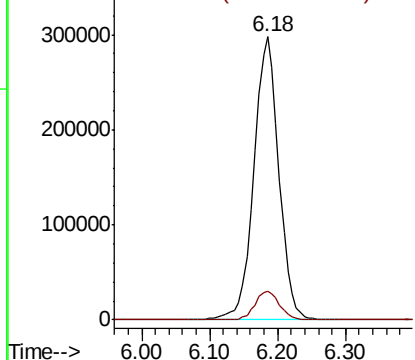


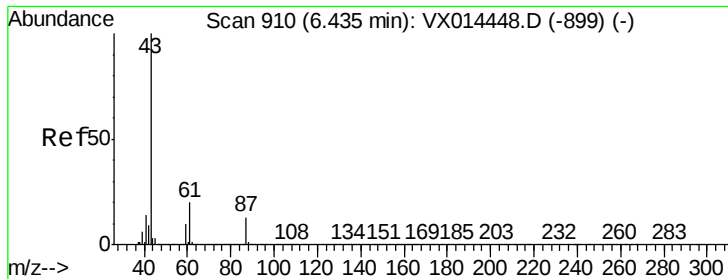
#42
1,2-Dichloroethane
Concen: 96.331 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion:	62	Resp:	759744
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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



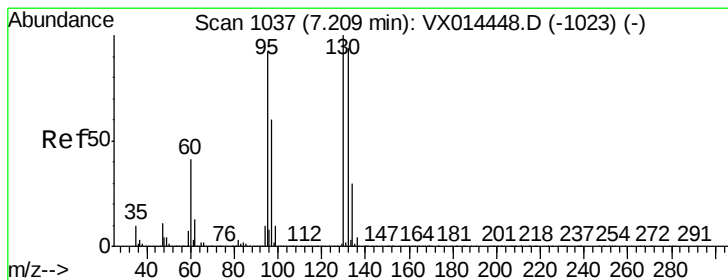
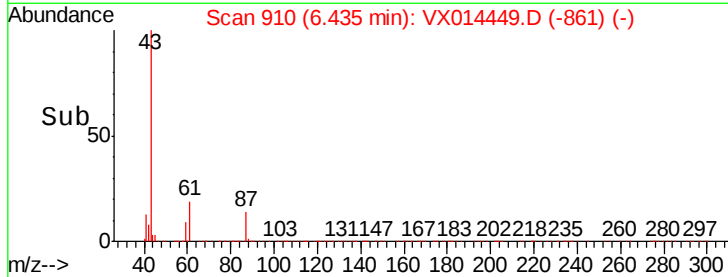
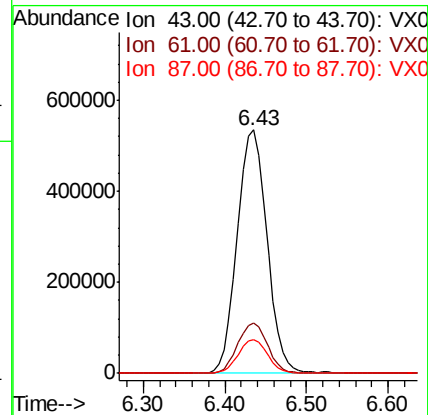
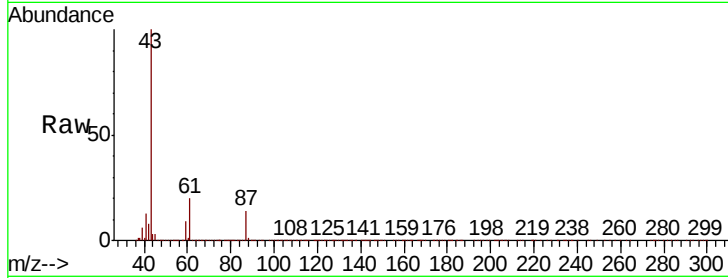


#43

Isopropyl Acetate
 Concen: 97.751 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

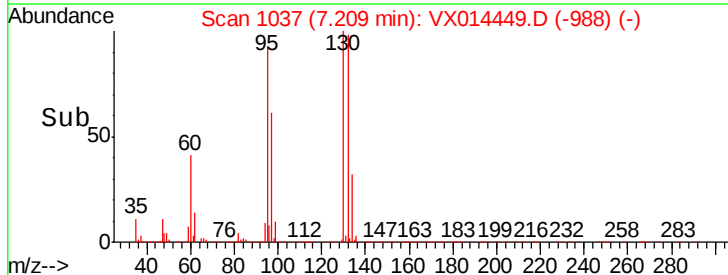
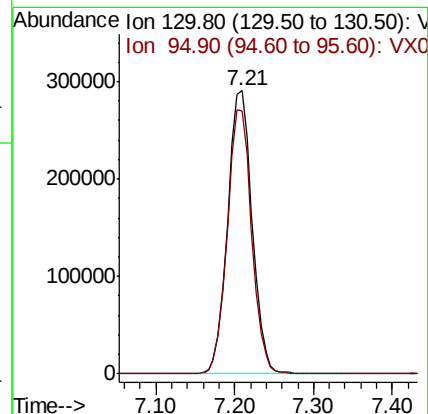
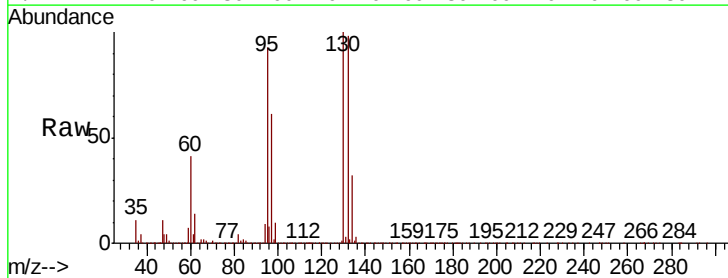
Tot Ion: 43 Resp: 1350168
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.6 24.8
 87 13.6 10.8 16.2

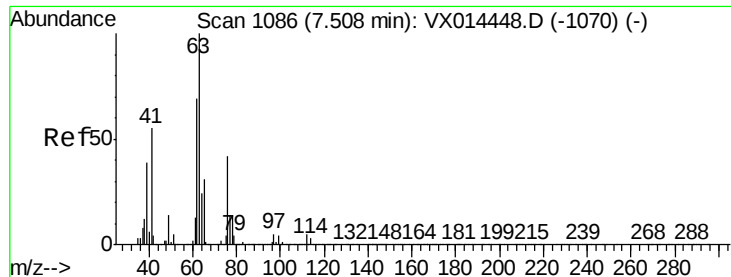


#44

Trichloroethene
 Concen: 96.944 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion: 130 Resp: 628937
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 184.2





#45

1,2-Dichloropropane

Concen: 96.626 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

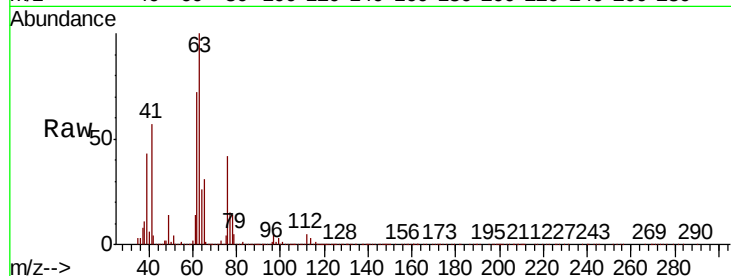
VSTDIC100

Tot Ion: 63 Resp: 575941

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

250000

200000

150000

100000

50000

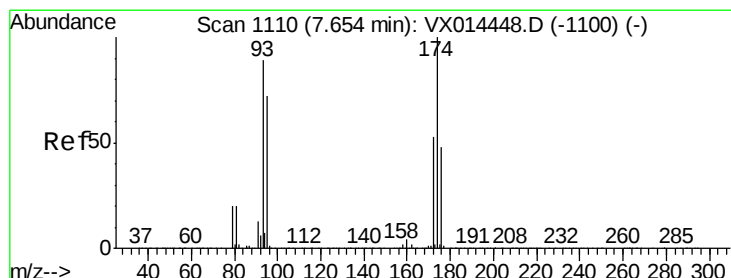
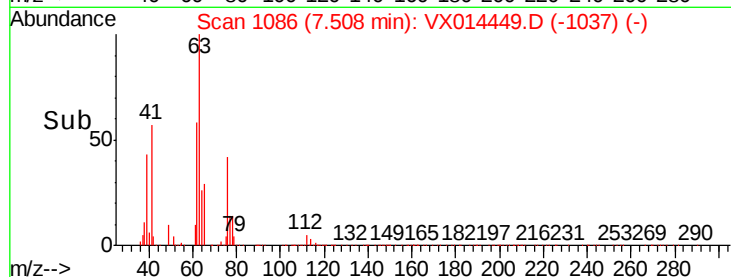
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 94.559 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

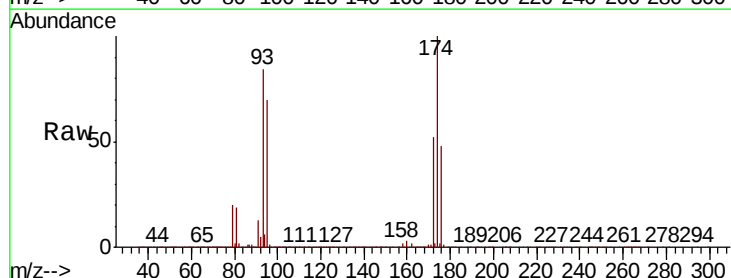
Tgt Ion: 93 Resp: 373921

Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.2

174 117.2 93.0 139.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

300000

250000

200000

150000

100000

50000

0

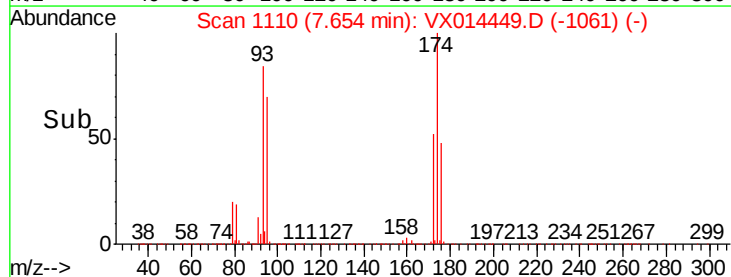
Time-->

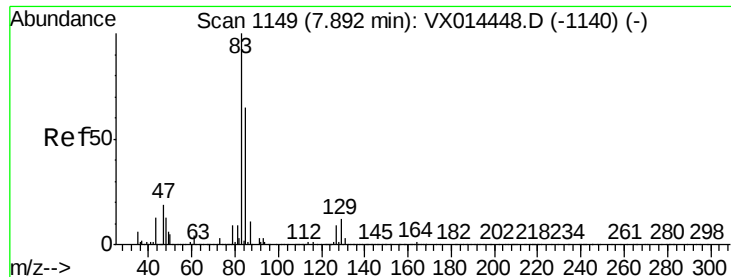
7.50

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 101.589 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

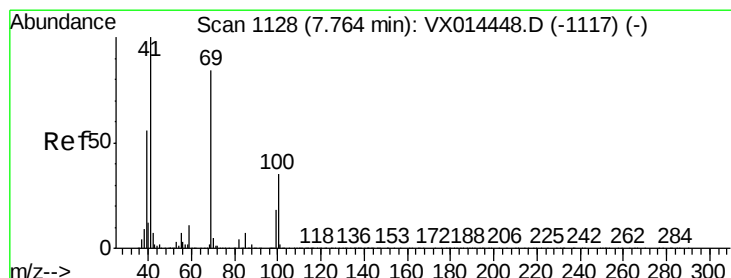
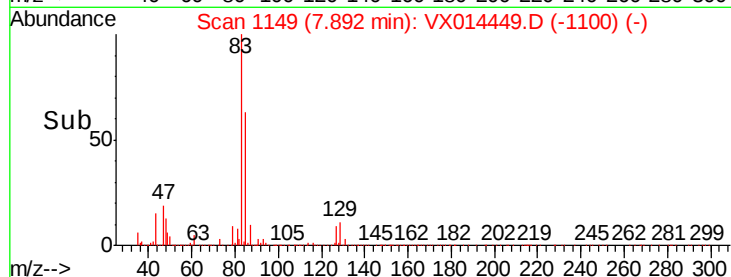
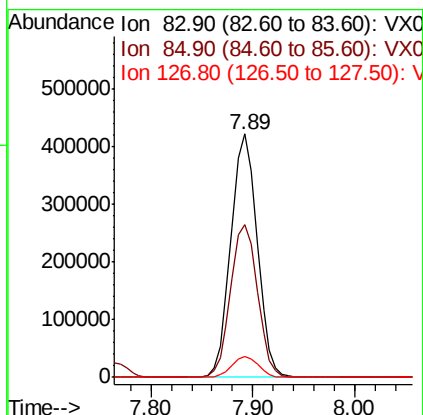
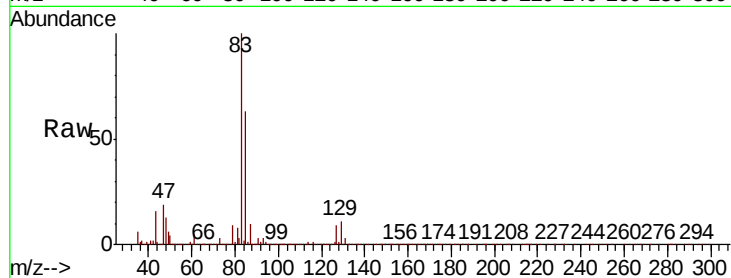
Tot Ion: 83 Resp: 755648

Ion Ratio Lower Upper

83 100

85 62.8 51.7 77.5

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 98.733 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

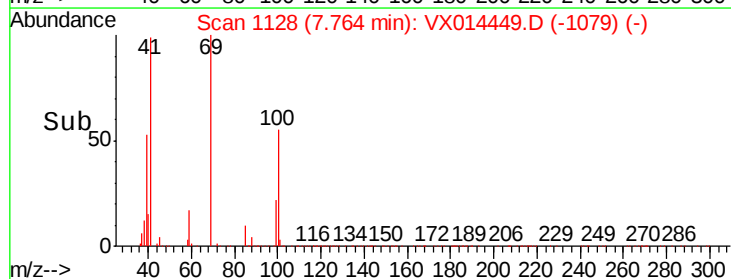
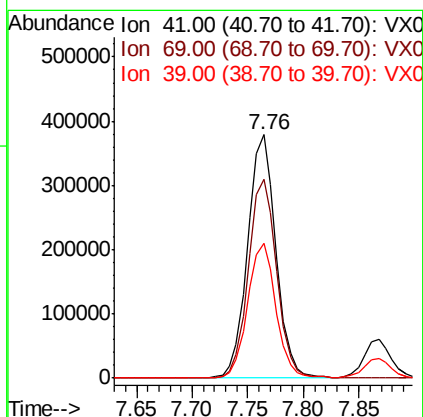
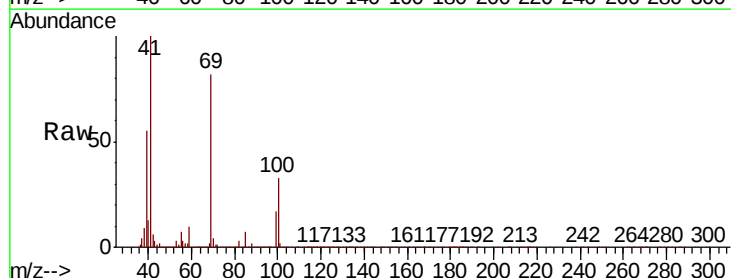
Tgt Ion: 41 Resp: 667373

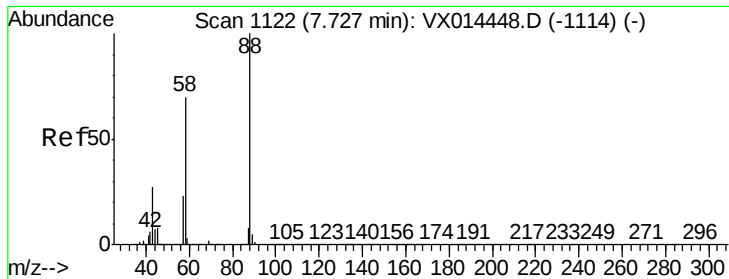
Ion Ratio Lower Upper

41 100

69 82.5 65.5 98.3

39 55.5 43.9 65.9

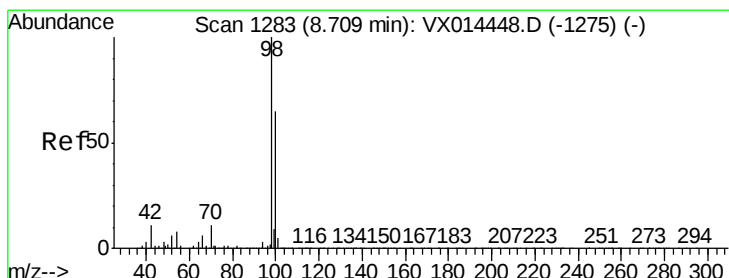
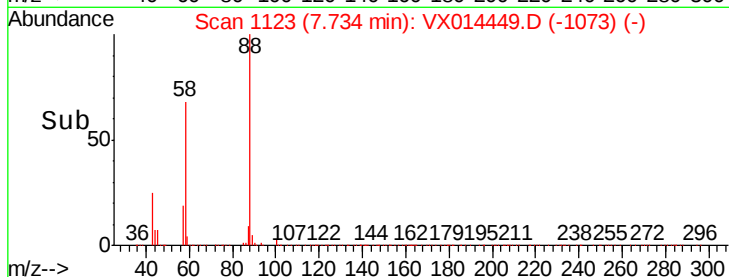
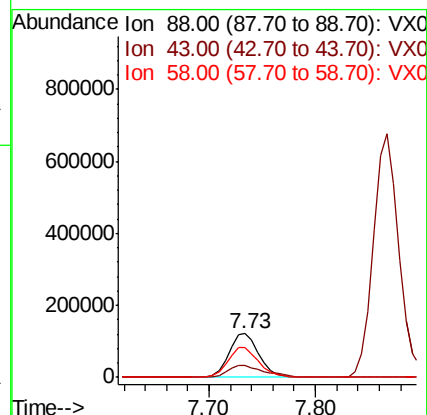
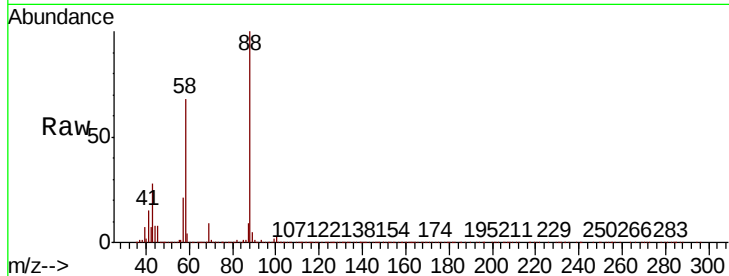




#49
1,4-Dioxane
Concen: 1712.511 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

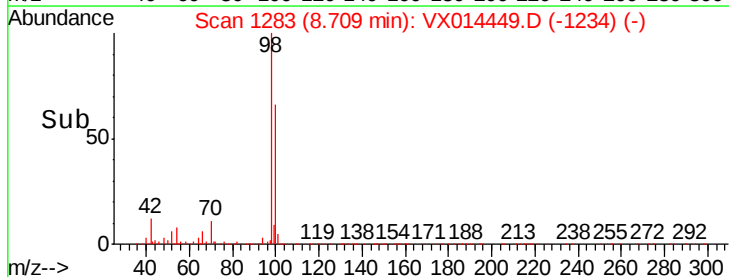
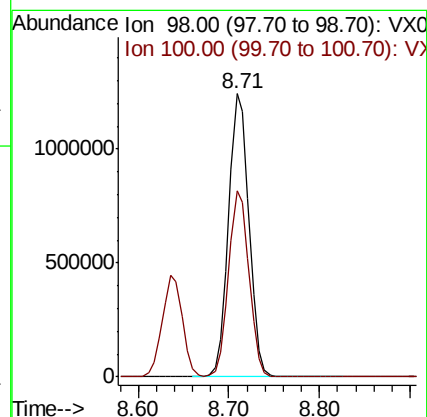
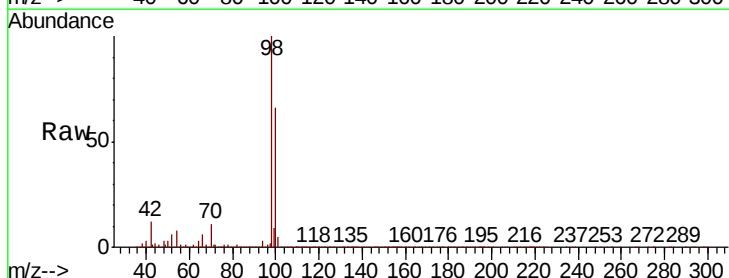
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

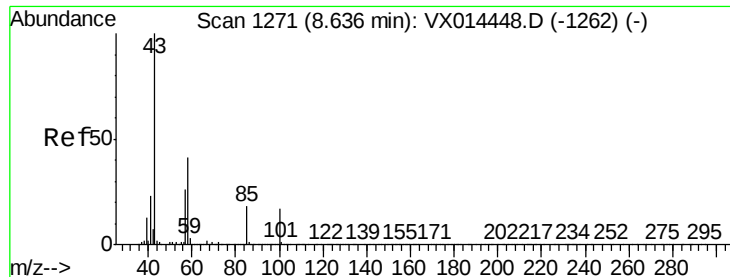
Tot Ion: 88 Resp: 237183
Ion Ratio Lower Upper
88 100
43 33.3 27.4 41.0
58 69.7 57.1 85.7



#50
Toluene-d8
Concen: 100.452 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 98 Resp: 1937507
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 469.684 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

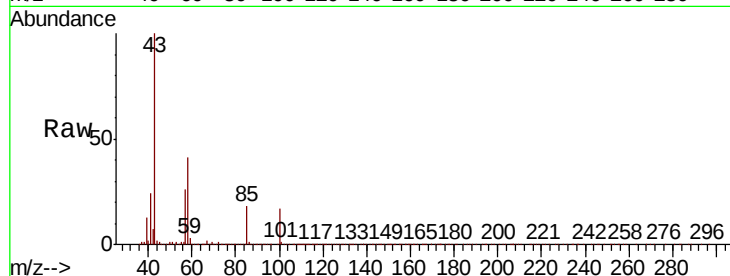
VSTDIC100

Tot Ion: 43 Resp: 4060656

Ion Ratio Lower Upper

43 100

58 40.9 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

2500000

2000000

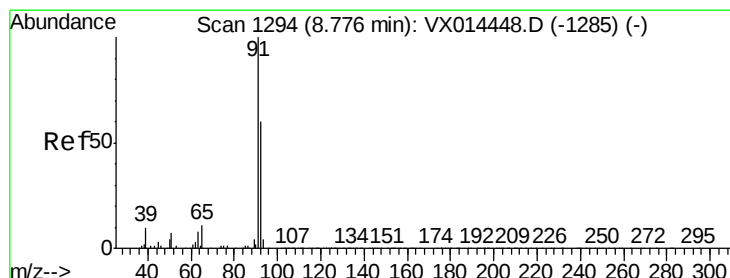
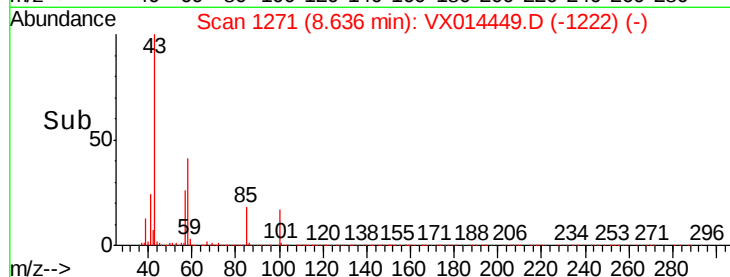
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 96.078 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014449.D

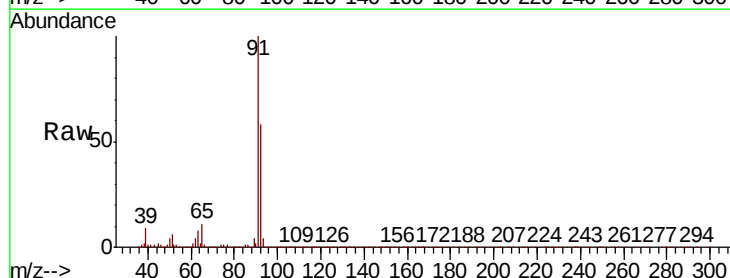
Acq: 07 Jan 2020 15:07

Tgt Ion: 92 Resp: 1415360

Ion Ratio Lower Upper

92 100

91 170.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

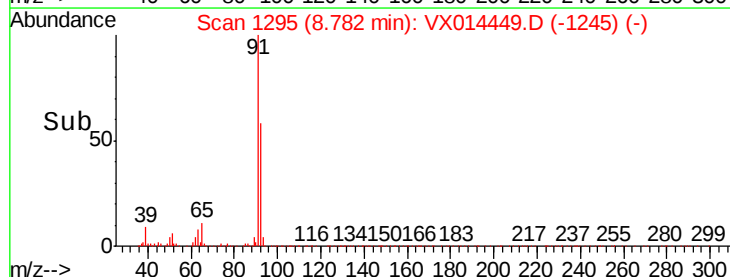
1500000

1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 108.108 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

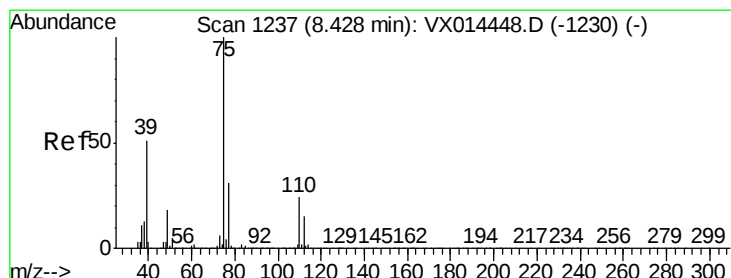
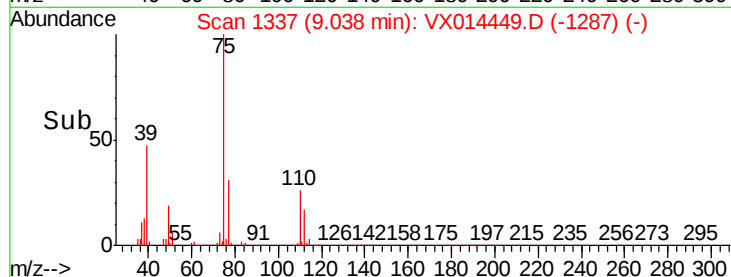
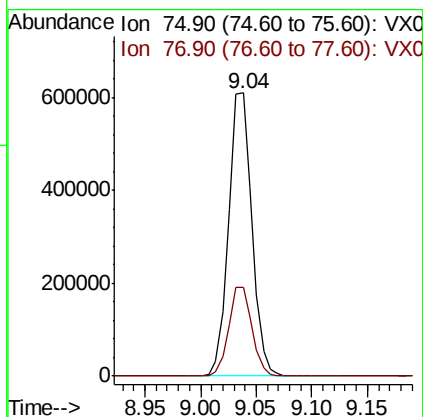
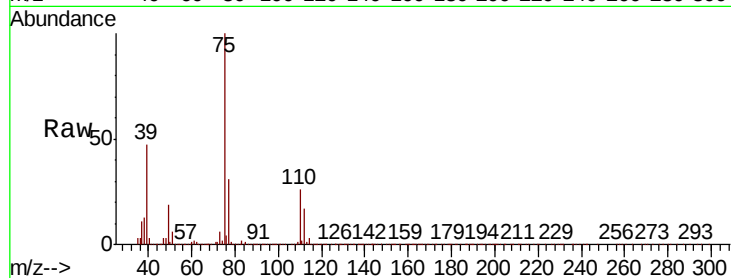
VSTDIC100

Tot Ion: 75 Resp: 883354

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 105.468 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

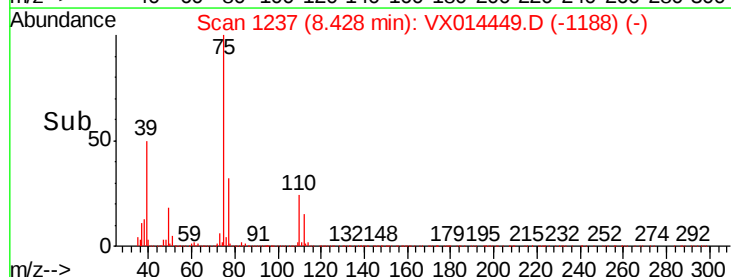
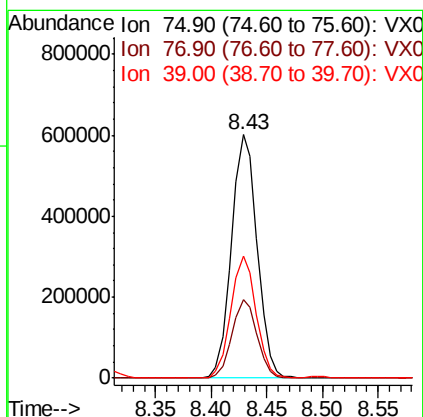
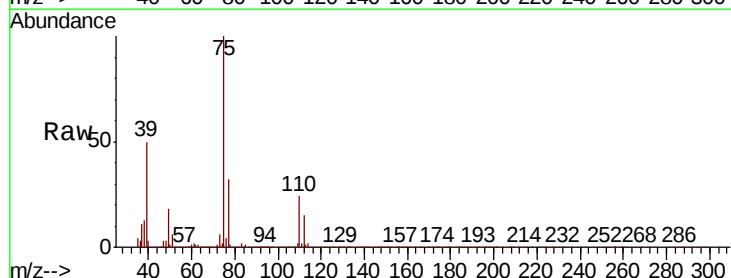
Tgt Ion: 75 Resp: 959956

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

39 50.3 40.7 61.1

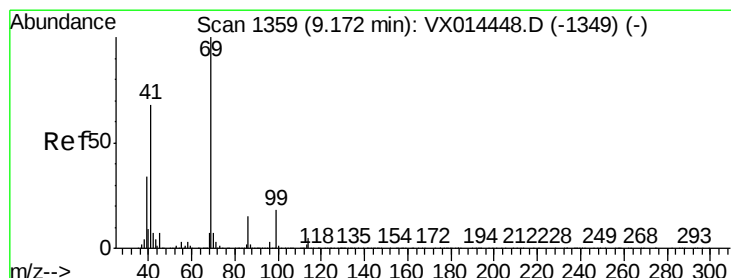
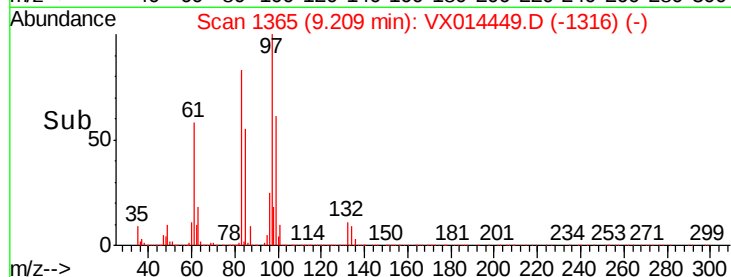
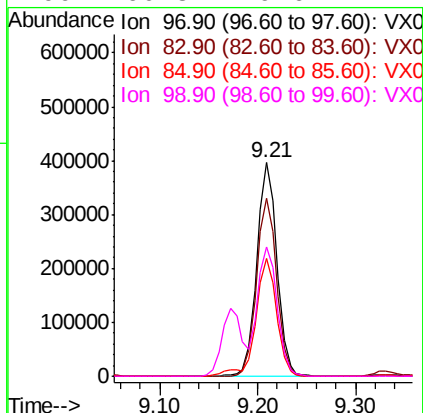
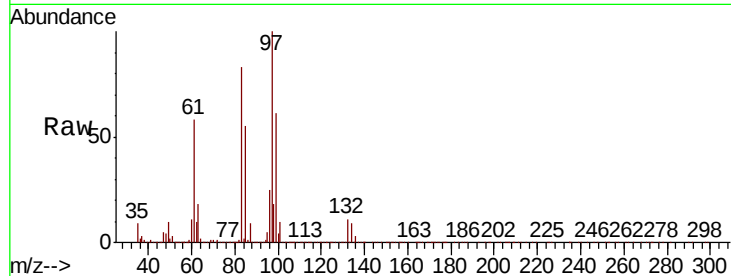




#55
 1,1,2-Trichloroethane
 Concen: 95.753 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

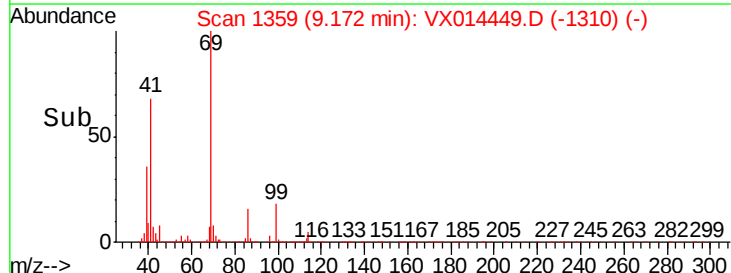
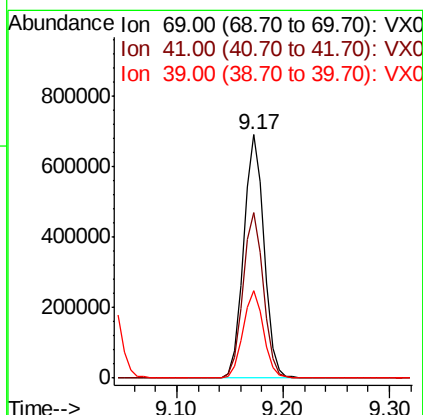
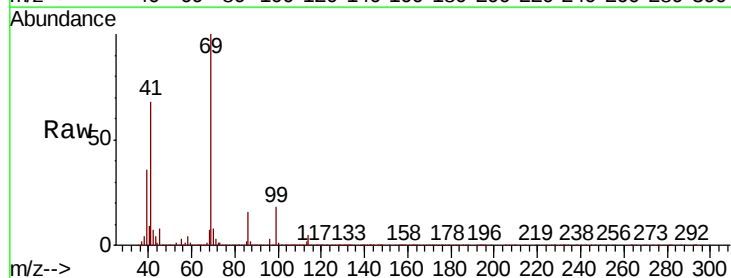
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

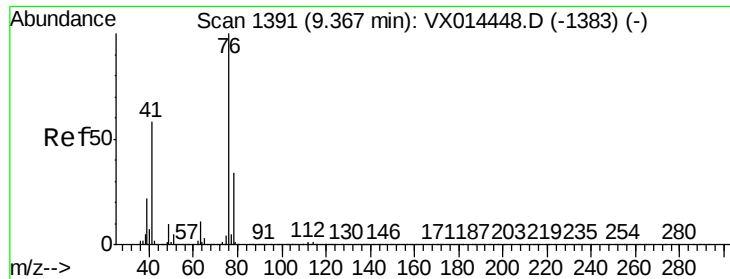
Tot Ion:	97	Resp:	564492
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	55.0	43.4	65.2
99	60.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 100.940 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion:	69	Resp:	932494
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.2	81.2
39	35.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 96.009 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

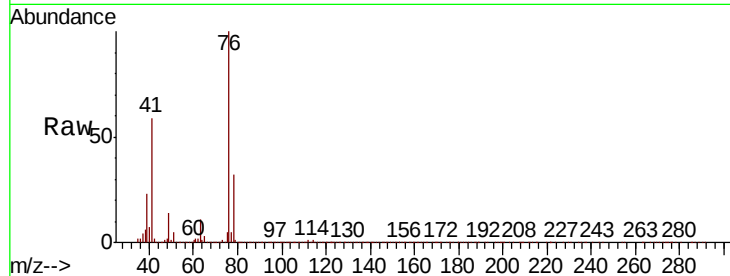
VSTDIC100

Tot Ion: 76 Resp: 948238

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

600000

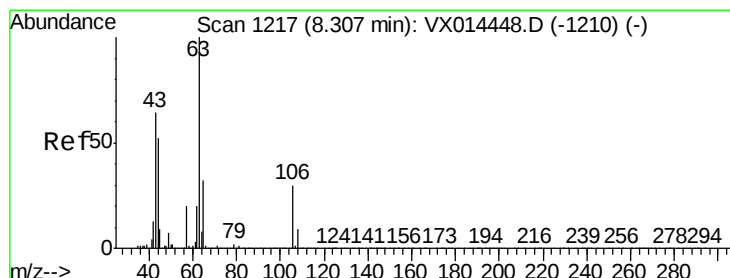
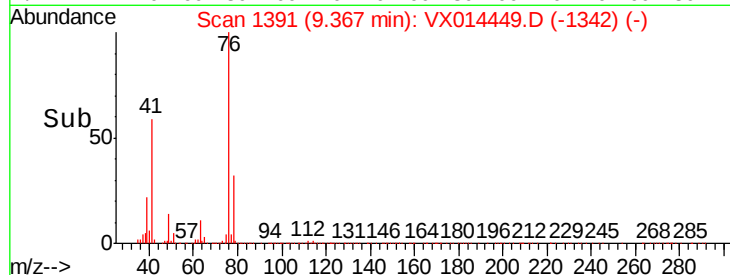
400000

200000

0

Time-->

9.30 9.35 9.40 9.45 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 471.158 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014449.D

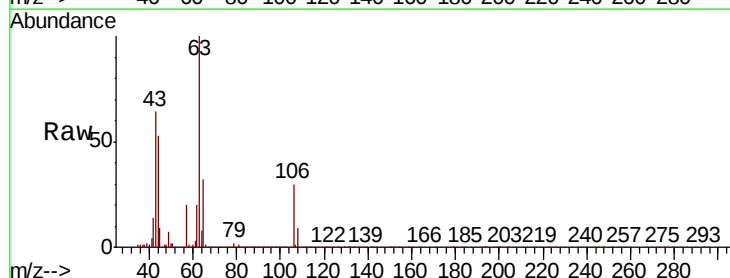
Acq: 07 Jan 2020 15:07

Tgt Ion: 63 Resp: 1607349

Ion Ratio Lower Upper

63 100

106 29.6 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

1200000

1000000

800000

600000

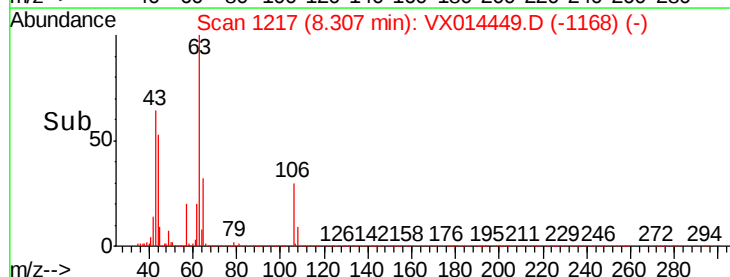
400000

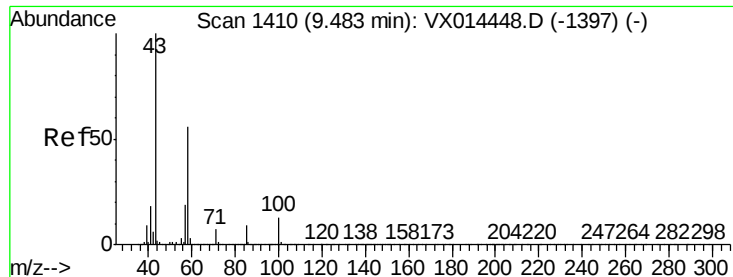
200000

0

Time-->

8.20 8.30 8.40

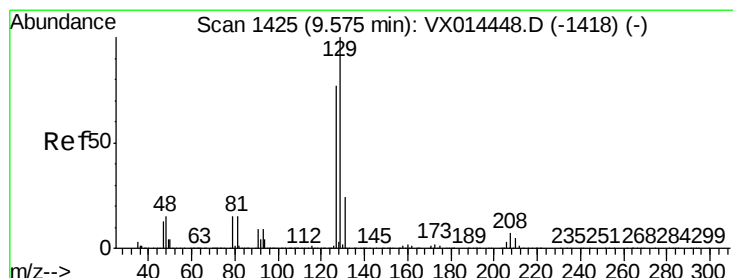
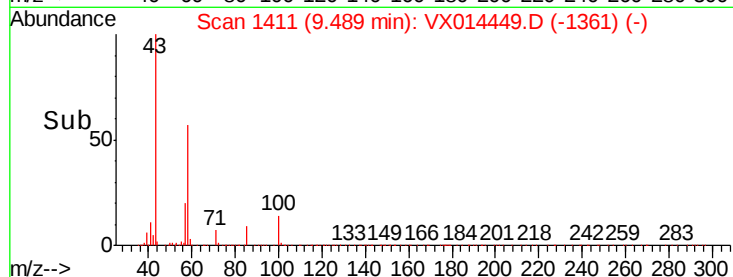
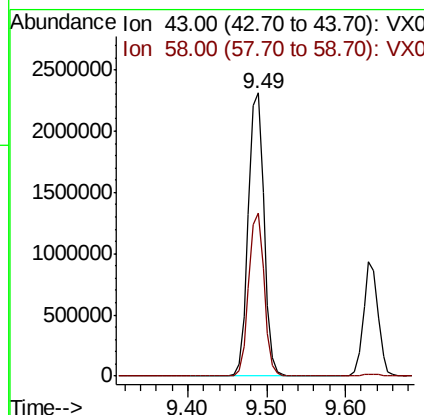
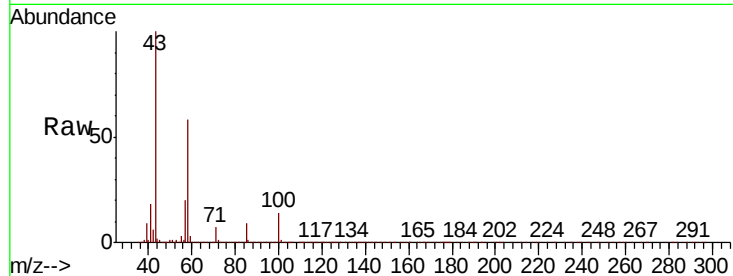




#59
2-Hexanone
Concen: 462.858 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

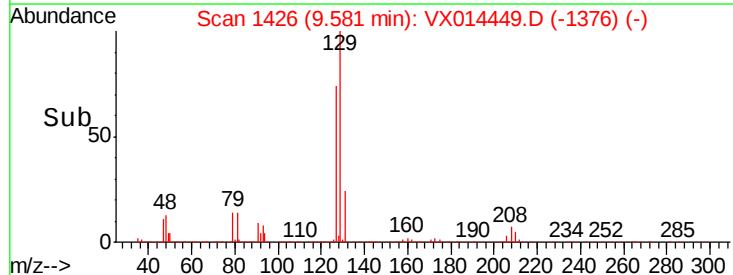
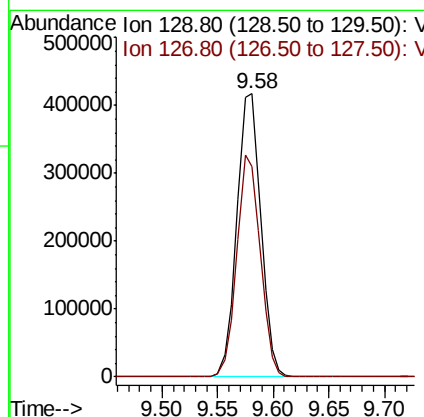
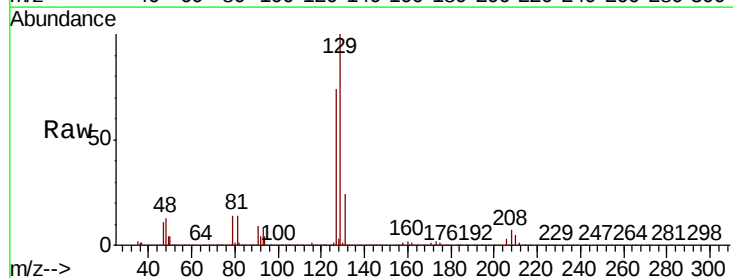
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

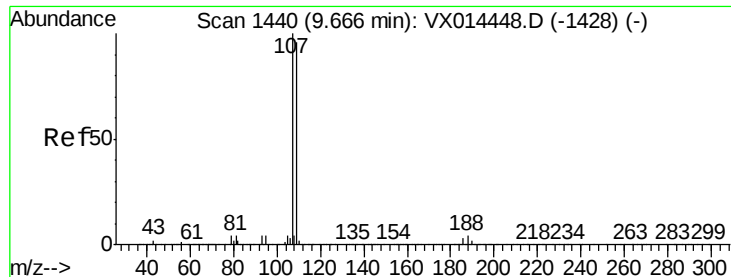
Tot Ion: 43 Resp: 3200482
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.7



#60
Dibromochloromethane
Concen: 106.286 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion: 129 Resp: 624369
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 99.930 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

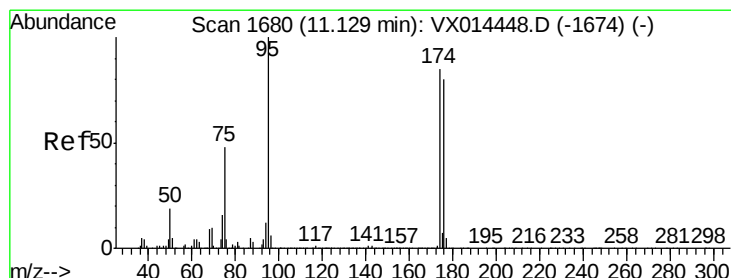
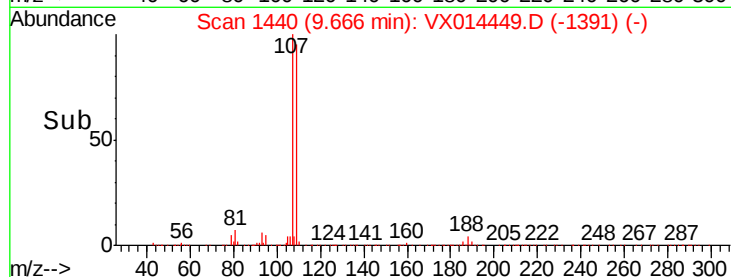
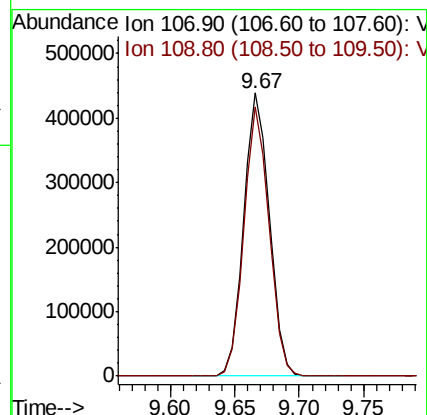
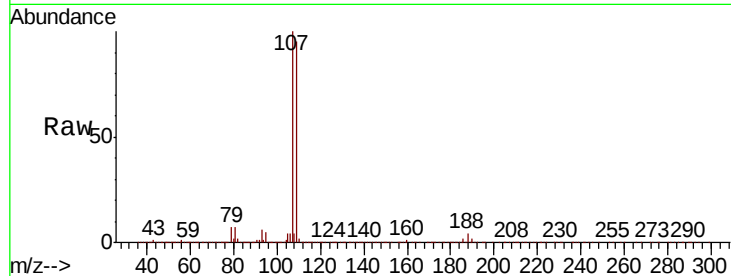
VSTDIC100

Tot Ion:107 Resp: 602770

Ion Ratio Lower Upper

107 100

109 94.0 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 100.309 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

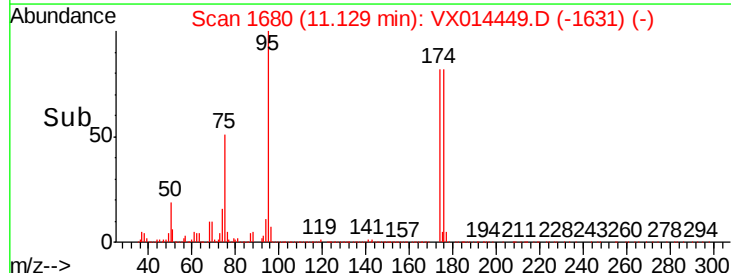
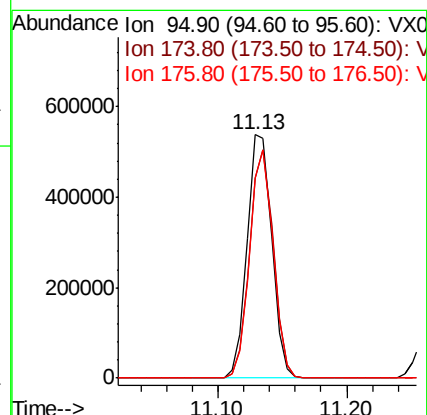
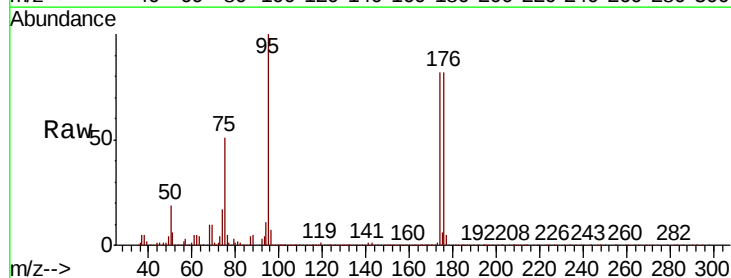
Tgt Ion: 95 Resp: 707369

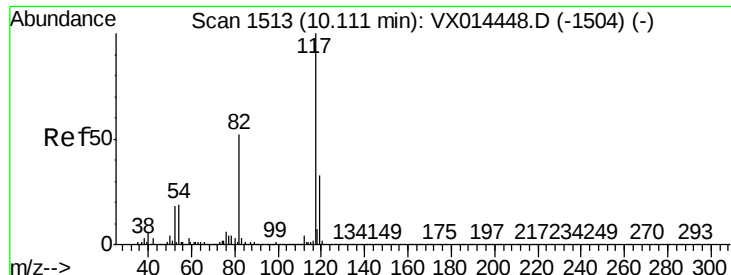
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

176 89.2 0.0 172.8

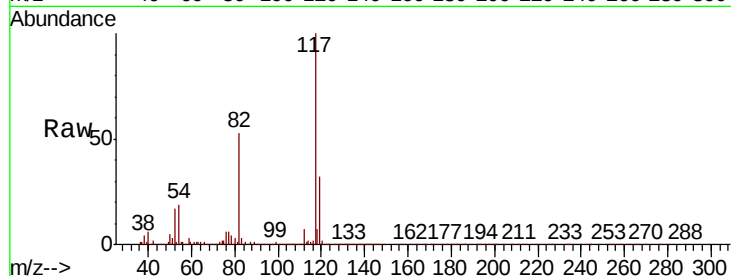




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.2	26.2	39.4

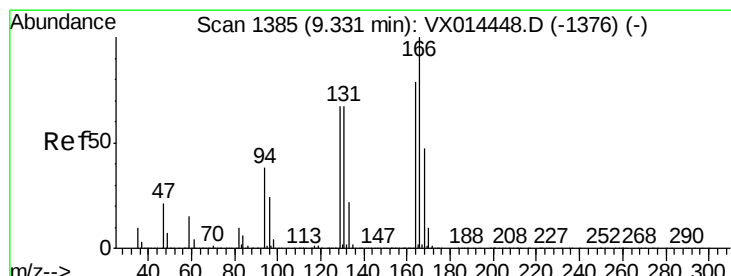
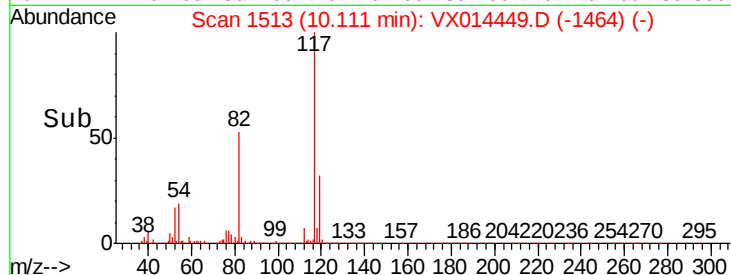
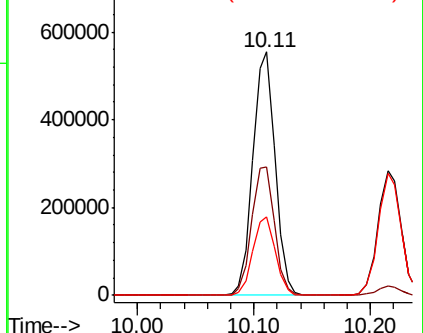


Abundance

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: 101.279 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.2	151.8
129	87.1	68.3	102.5
131	84.3	67.4	101.2

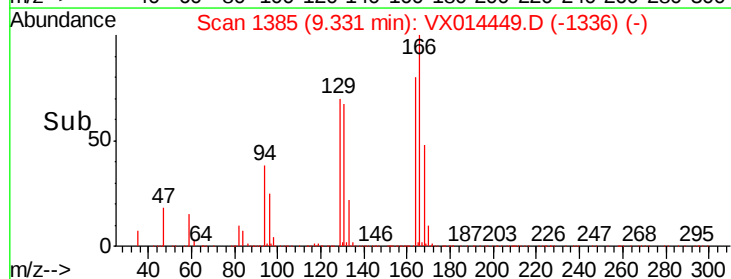
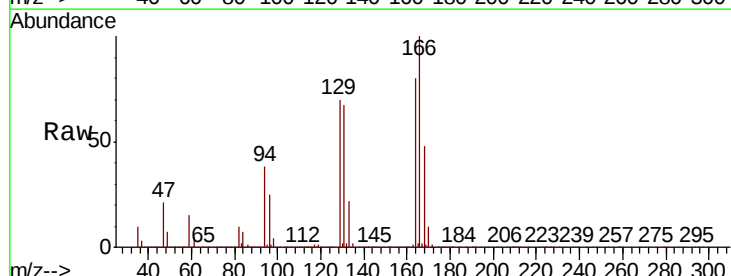
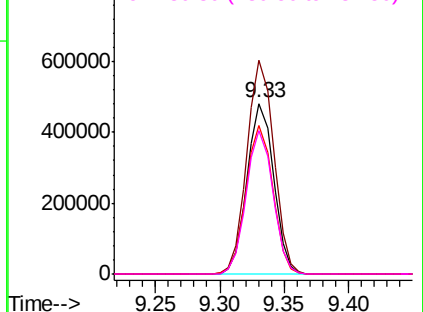
Abundance

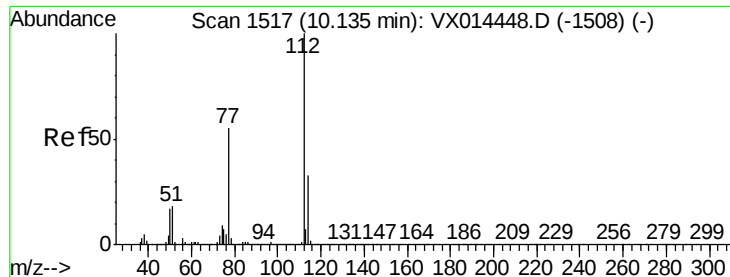
Ion 163.80 (163.50 to 164.50): V

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

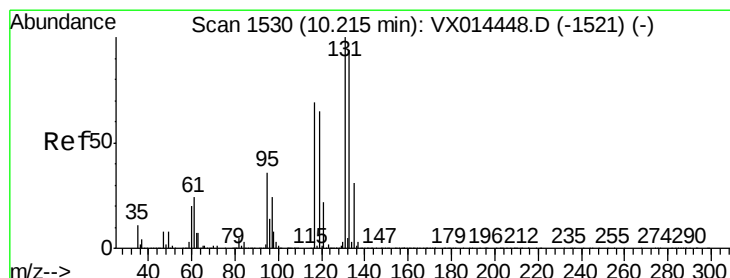
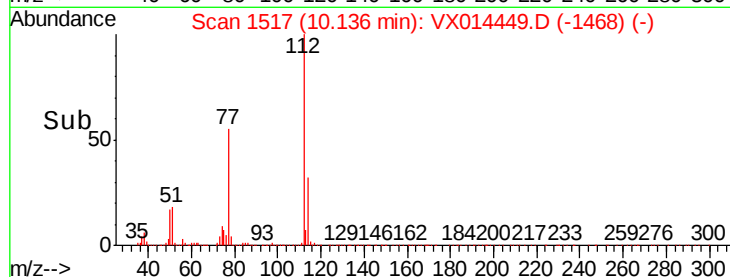
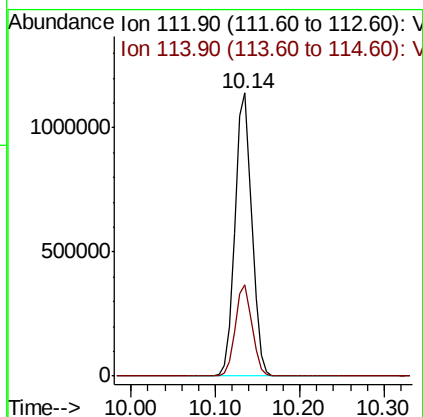
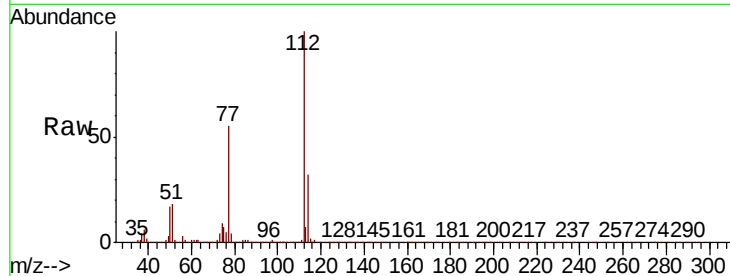




#65
Chlorobenzene
Concen: 96.823 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

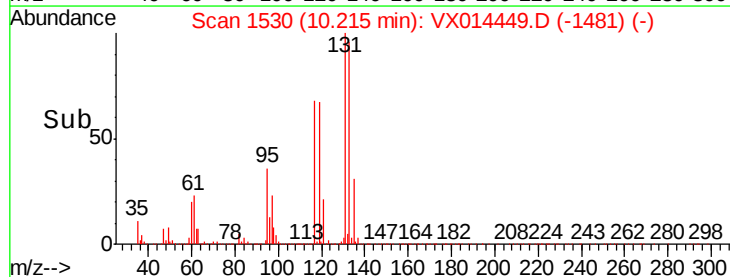
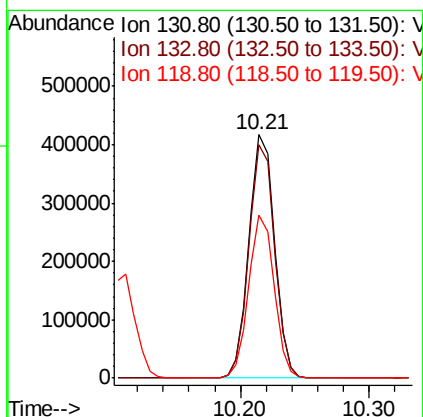
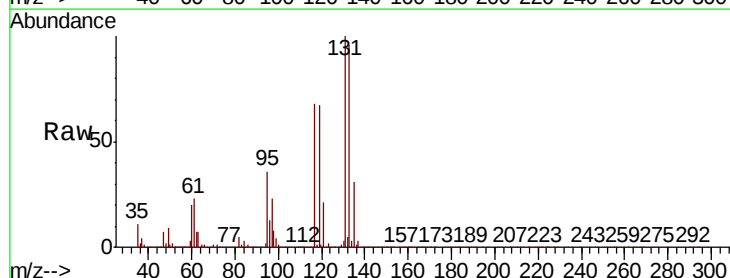
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1540561
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.188 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion:131 Resp: 569507
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 66.6 32.8 98.4





#67

Ethyl Benzene

Concen: 99.047 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

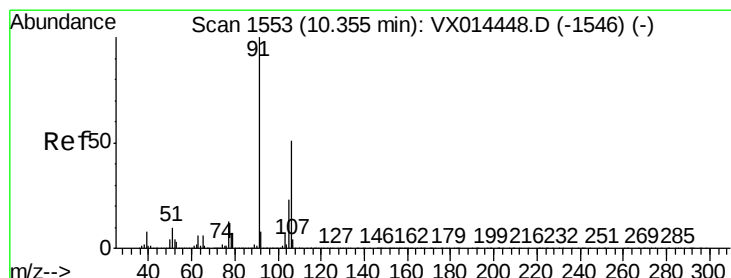
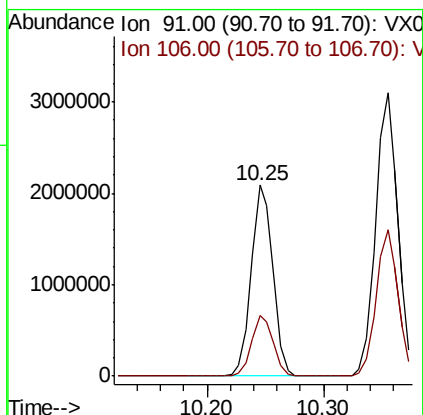
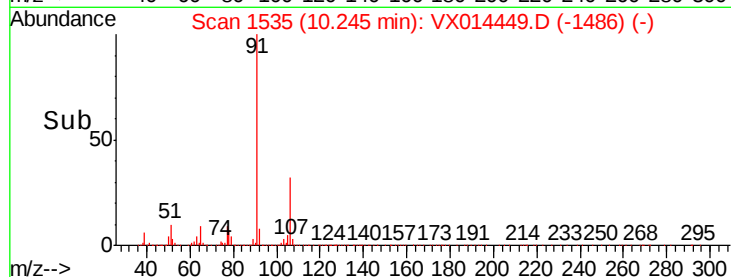
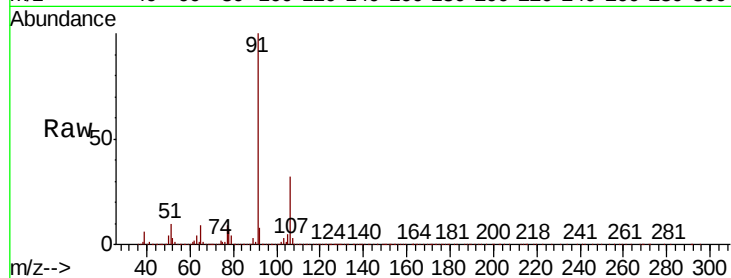
VSTDIC100

Tot Ion: 91 Resp: 2704822

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 198.461 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014449.D

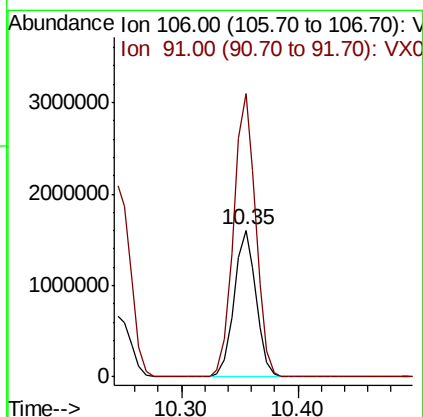
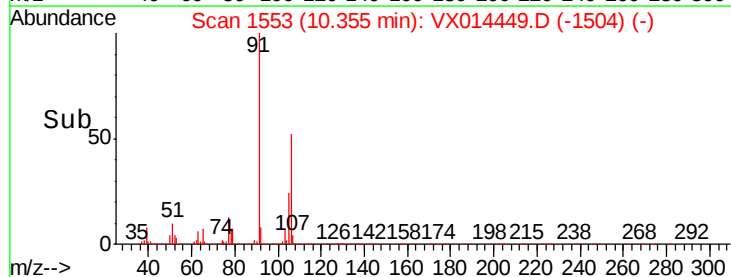
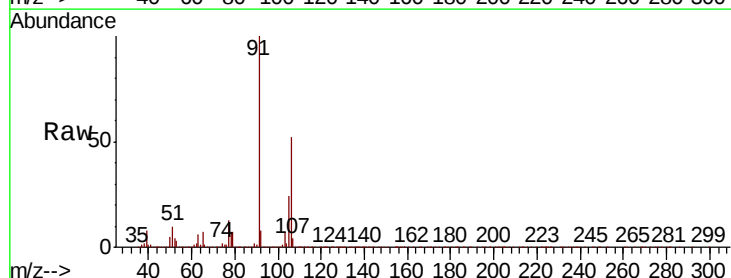
Acq: 07 Jan 2020 15:07

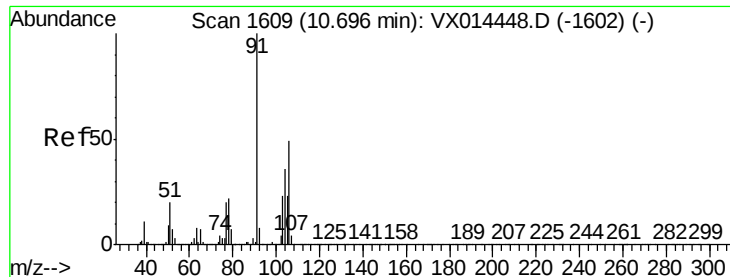
Tgt Ion: 106 Resp: 2088189

Ion Ratio Lower Upper

106 100

91 195.8 157.4 236.0

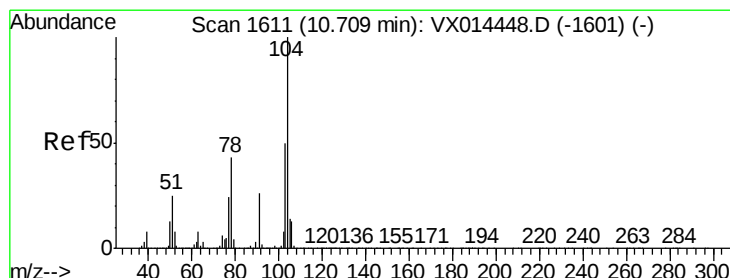
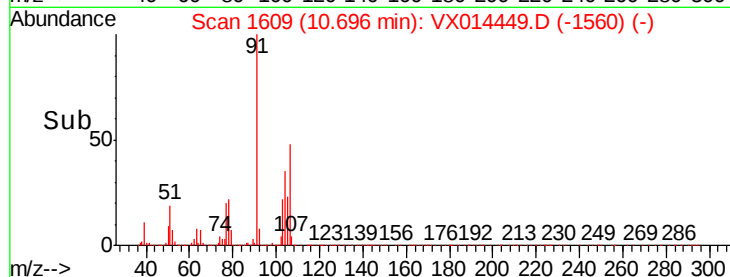
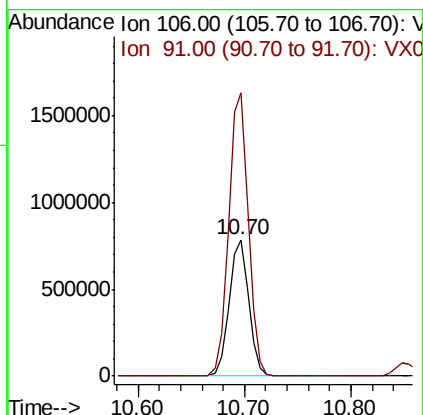
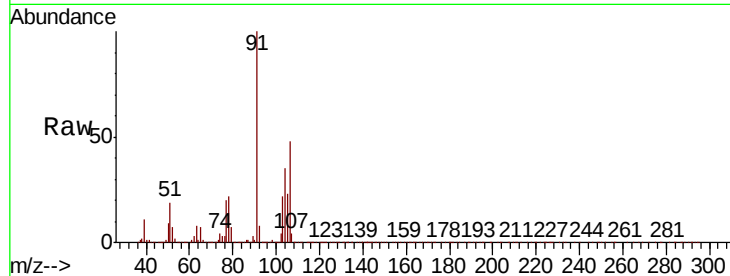




#69
o-Xylene
Concen: 98.003 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

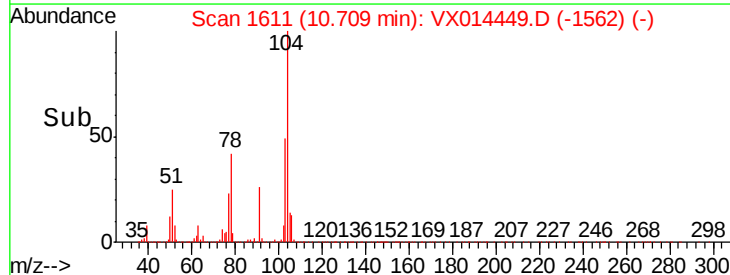
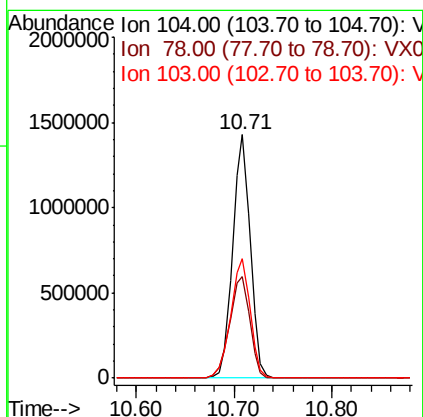
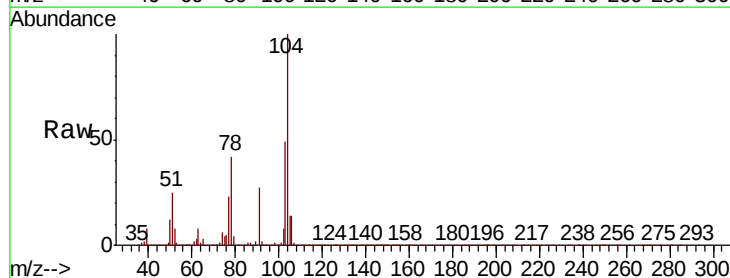
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1006956
Ion Ratio Lower Upper
106 100
91 209.0 105.1 315.1



#70
Styrene
Concen: 102.235 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion:104 Resp: 1777773
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.2 43.7 65.5





#71

Bromoform

Concen: 109.439 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

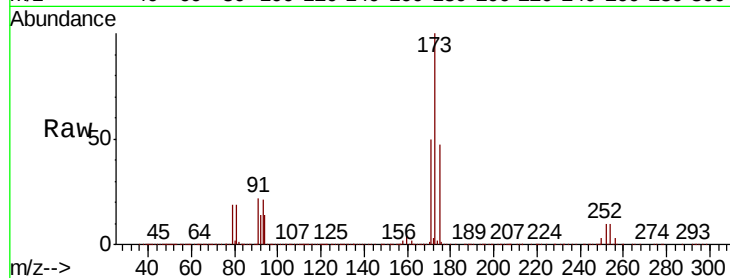
Tot Ion:173 Resp: 501849

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

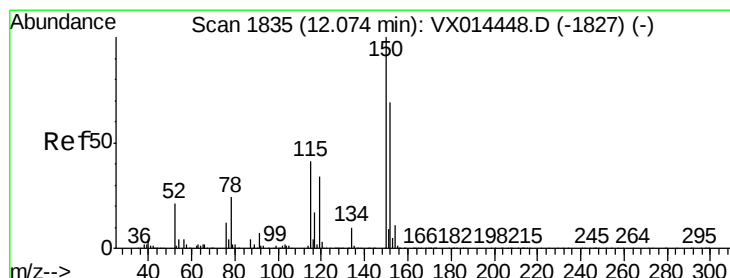
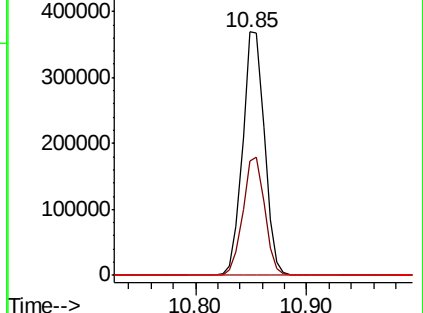
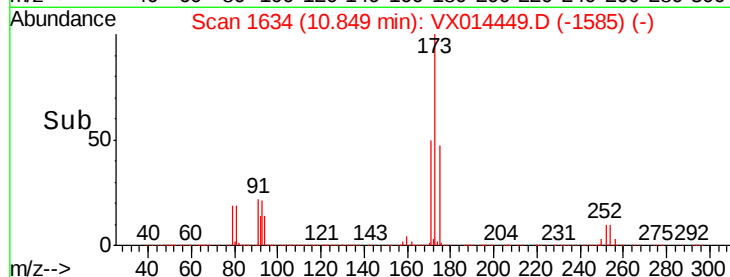
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

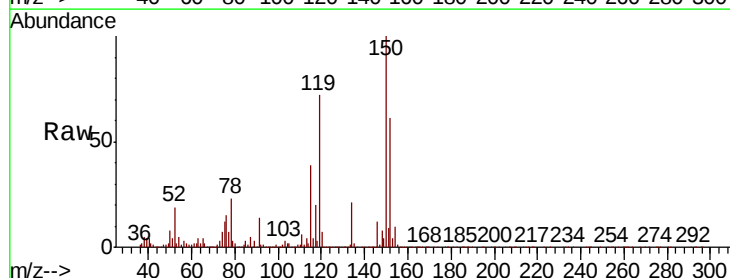
Tgt Ion:152 Resp: 389206

Ion Ratio Lower Upper

152 100

115 99.7 39.5 118.3

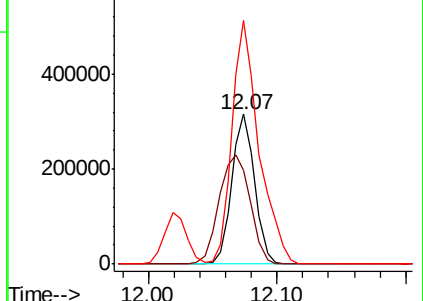
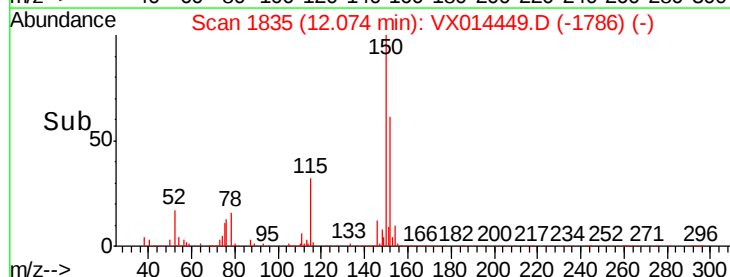
150 192.4 0.0 350.2

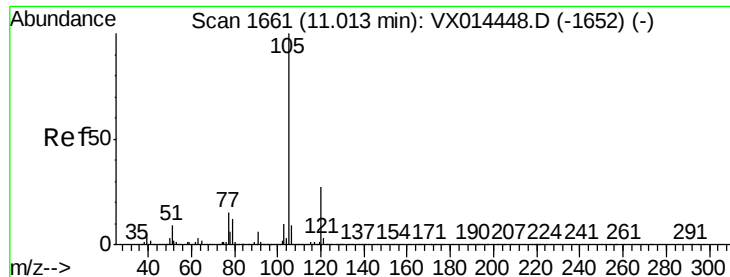


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 95.932 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

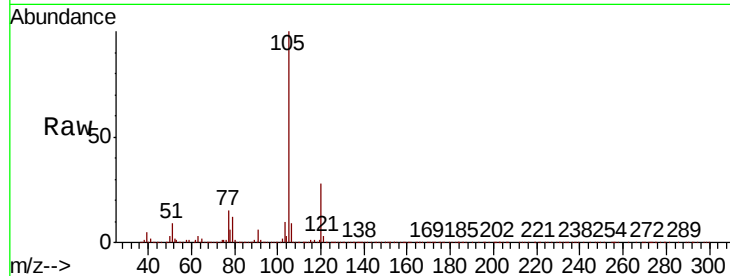
VSTDIC100

Tot Ion:105 Resp: 2639153

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

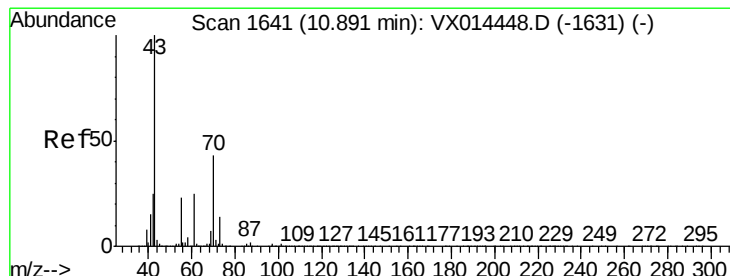
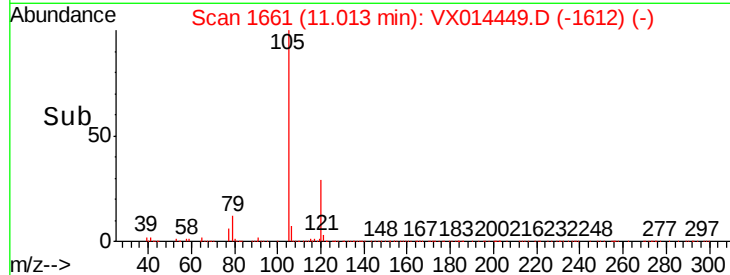
500000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 96.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion: 43 Resp: 1230427

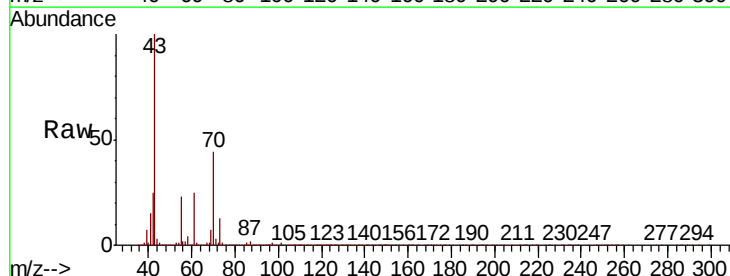
Ion Ratio Lower Upper

43 100

70 43.7 35.1 52.7

55 23.5 19.3 28.9

61 25.0 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

1500000

1000000

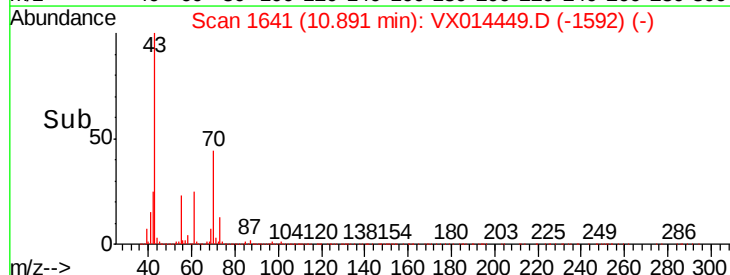
500000

0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 91.062 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

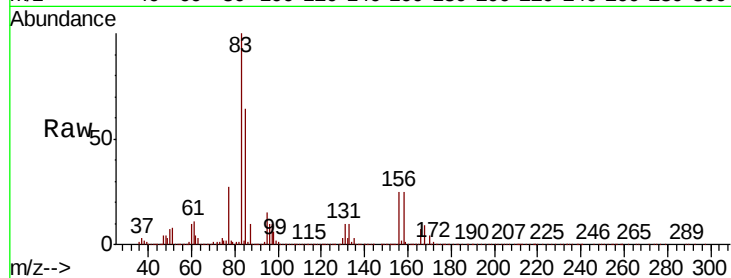
Tot Ion: 83 Resp: 854761

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.1	32.5	97.4

83 100

131 10.3 5.1 15.4

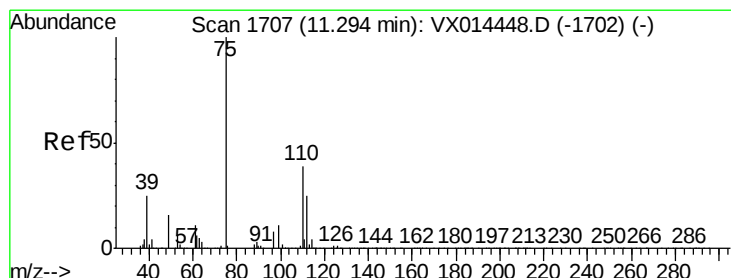
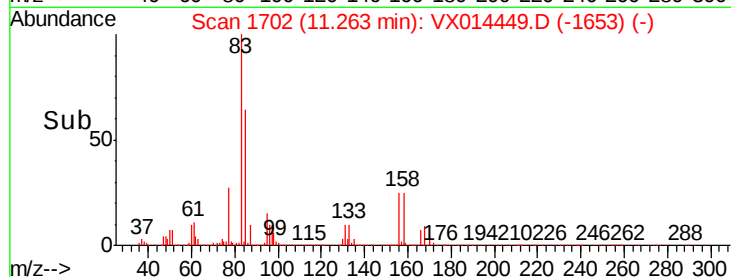
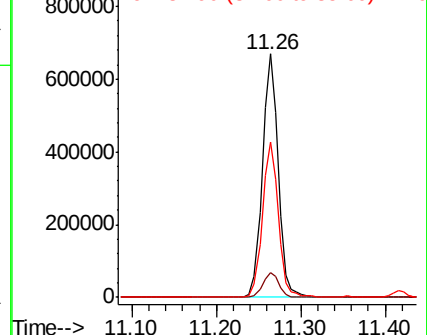
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 124.978 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014449.D

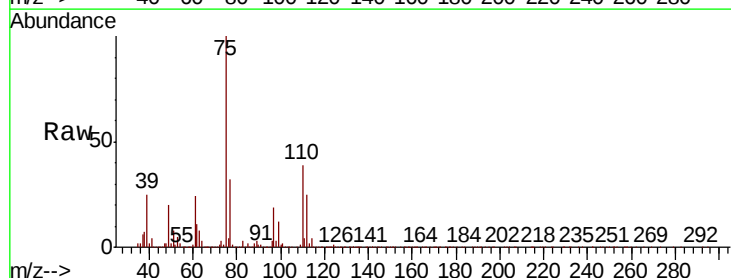
Acq: 07 Jan 2020 15:07

Tgt Ion: 75 Resp: 1032111

Ion	Ratio	Lower	Upper
75	100		
77	30.9	21.9	65.7

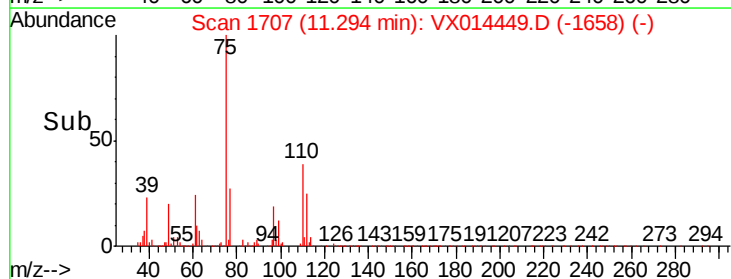
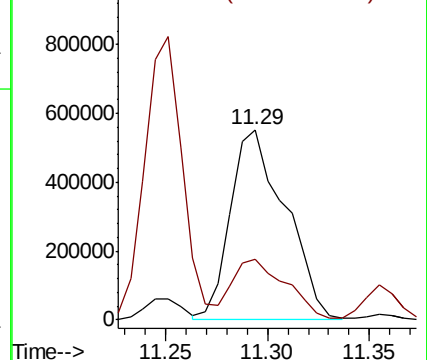
75 100

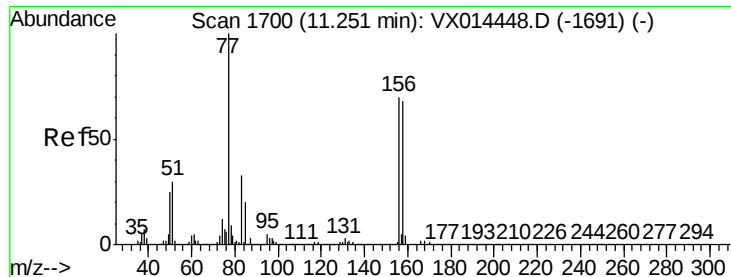
77 30.9 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 93.216 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

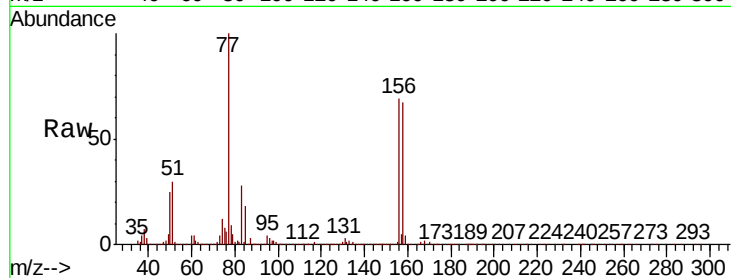
Tot Ion:156 Resp: 706498

Ion Ratio Lower Upper

156 100

77 149.9 75.4 226.3

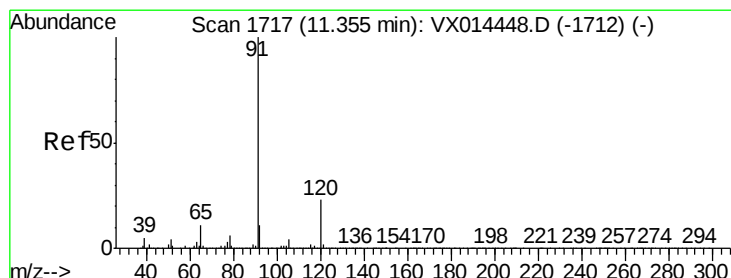
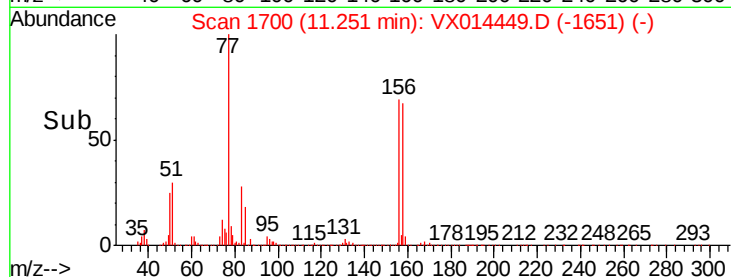
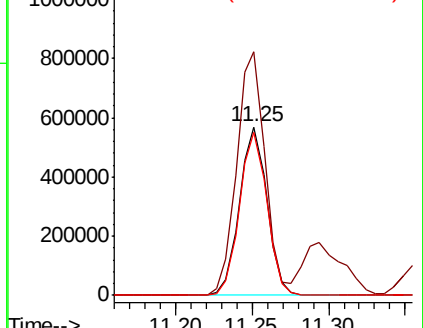
158 96.9 48.8 146.3



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: 99.292 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014449.D

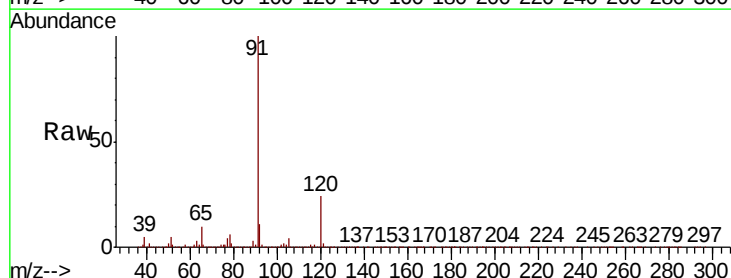
Acq: 07 Jan 2020 15:07

Tgt Ion: 91 Resp: 3063727

Ion Ratio Lower Upper

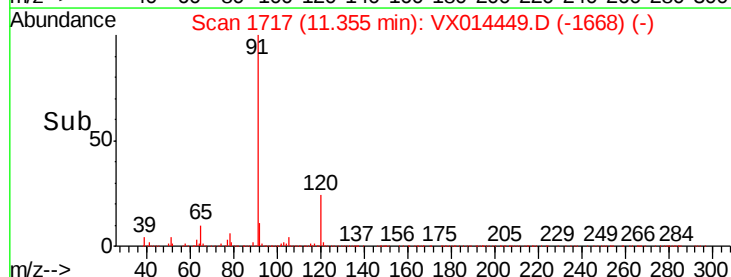
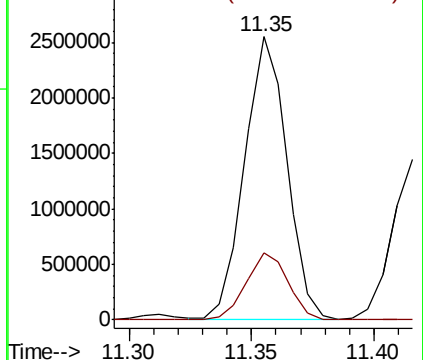
91 100

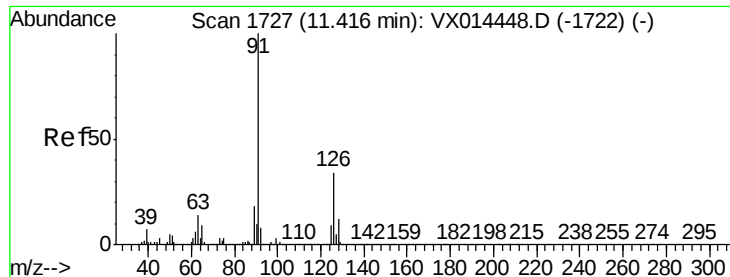
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.546 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

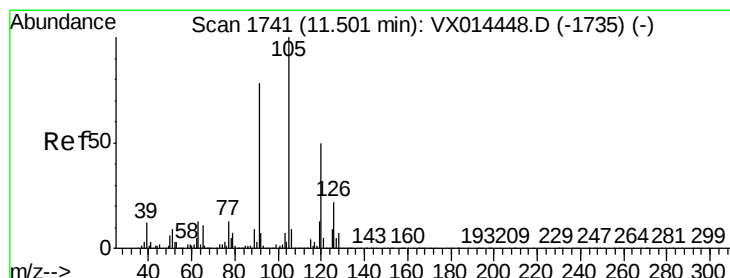
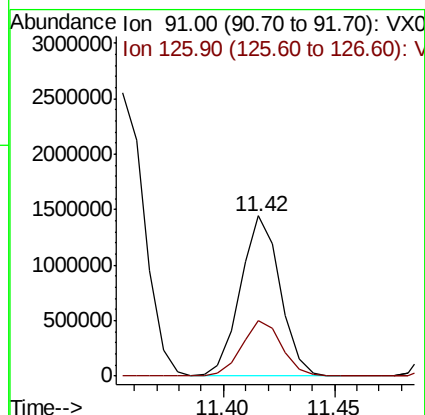
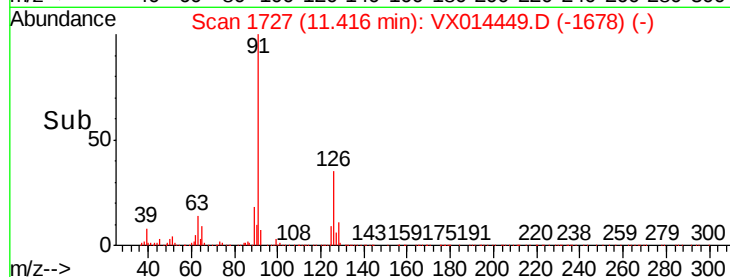
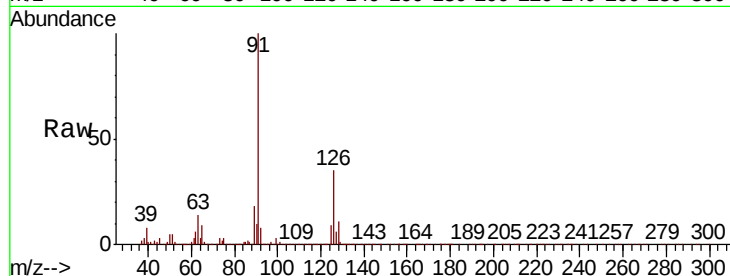
VSTDIC100

Tot Ion: 91 Resp: 1785934

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 97.071 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014449.D

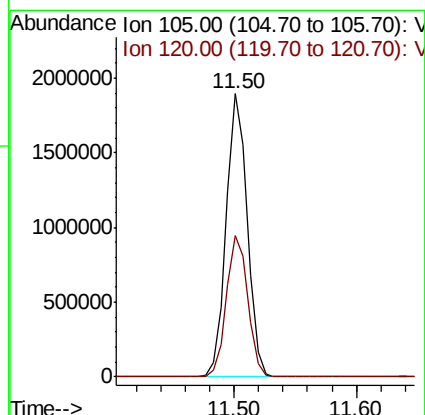
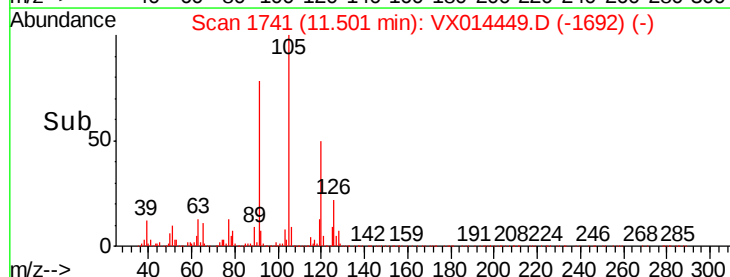
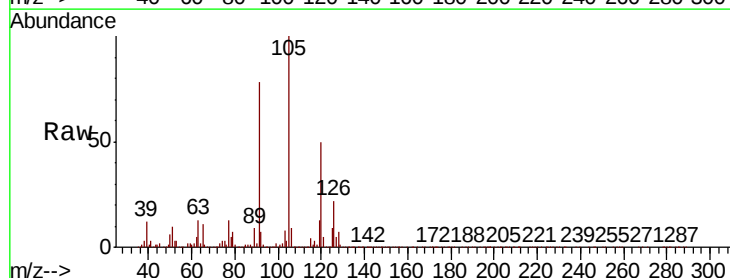
Acq: 07 Jan 2020 15:07

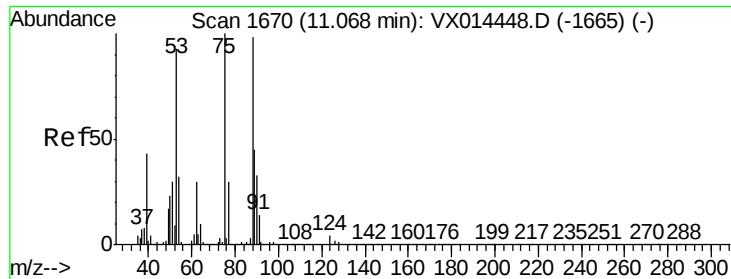
Tgt Ion: 105 Resp: 2244836

Ion Ratio Lower Upper

105 100

120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 108.286 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

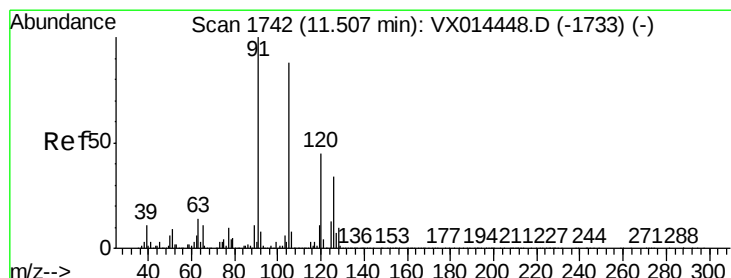
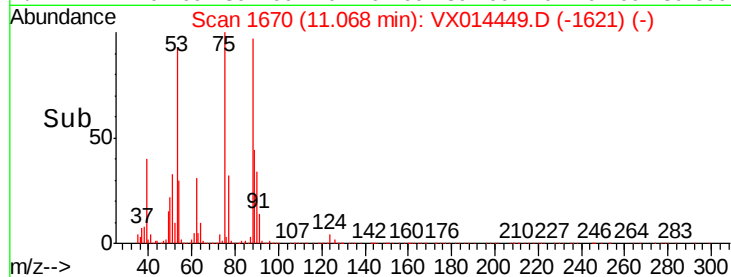
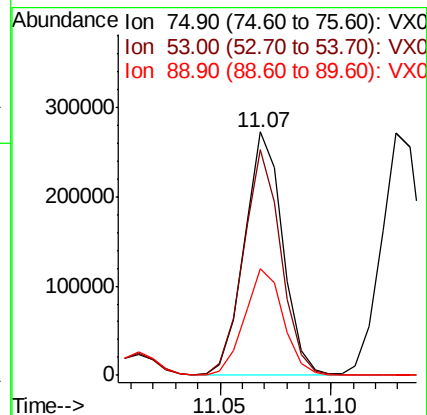
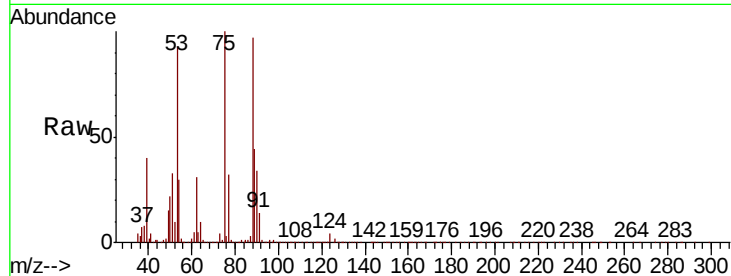
Tot Ion: 75 Resp: 326330

Ion Ratio Lower Upper

75 100

53 90.6 74.8 112.2

89 44.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 96.530 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014449.D

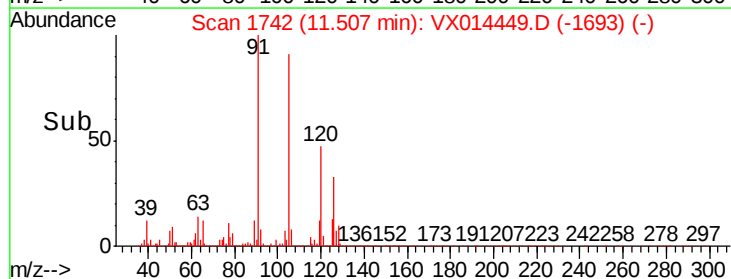
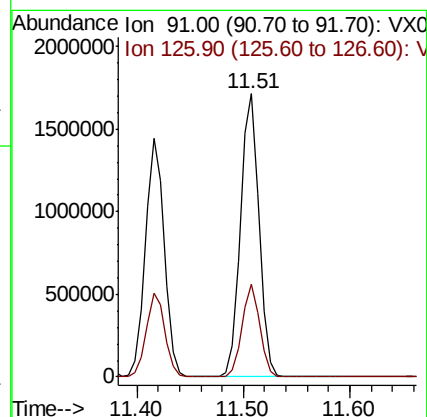
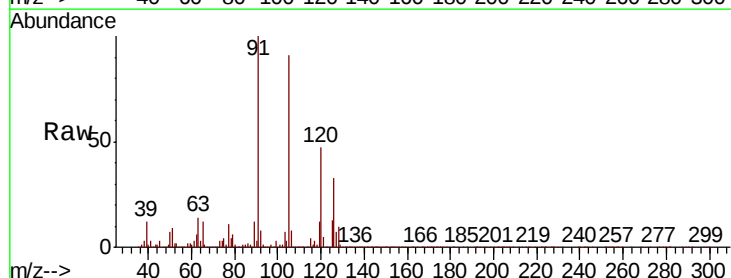
Acq: 07 Jan 2020 15:07

Tgt Ion: 91 Resp: 2099318

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7





#83

tert-Butylbenzene

Concen: 96.364 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

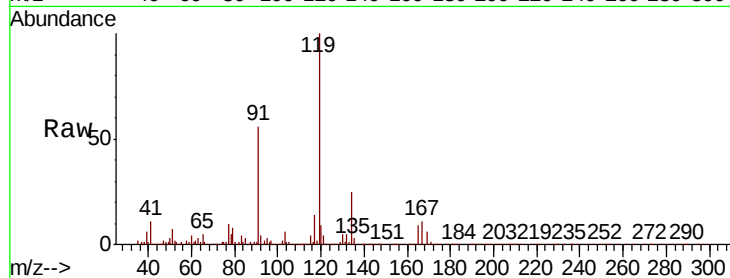
Tot Ion:119 Resp: 2153493

Ion Ratio Lower Upper

119 100

91 56.6 29.3 88.0

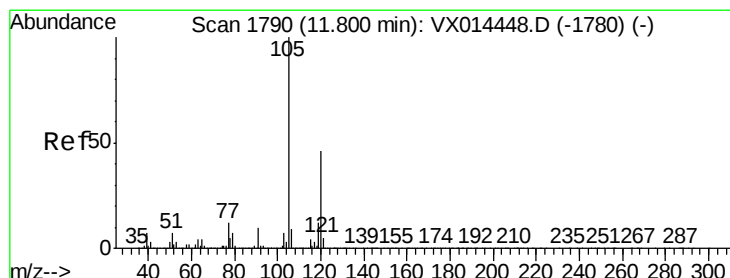
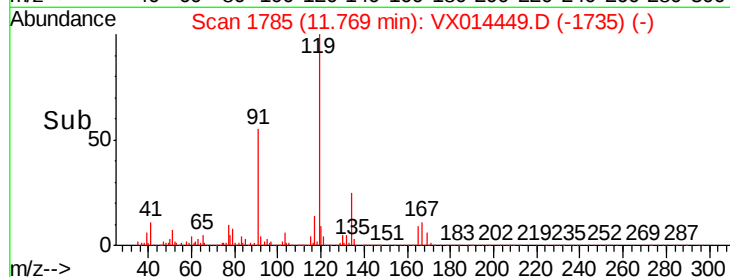
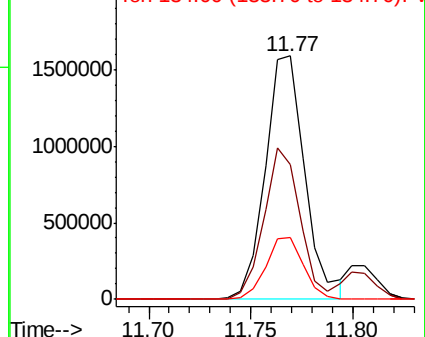
134 24.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 98.409 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX014449.D

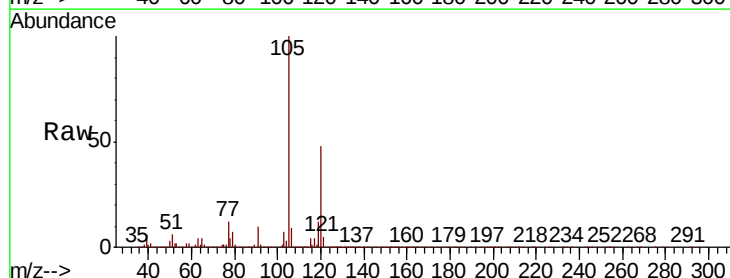
Acq: 07 Jan 2020 15:07

Tgt Ion:105 Resp: 2276469

Ion Ratio Lower Upper

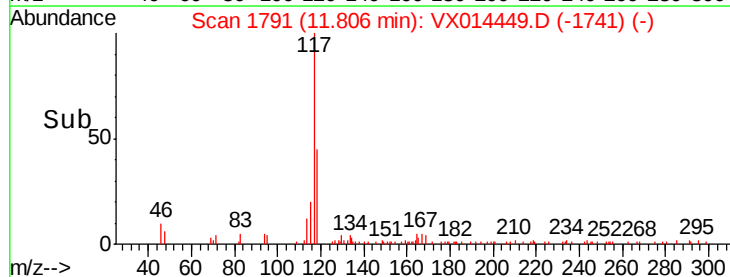
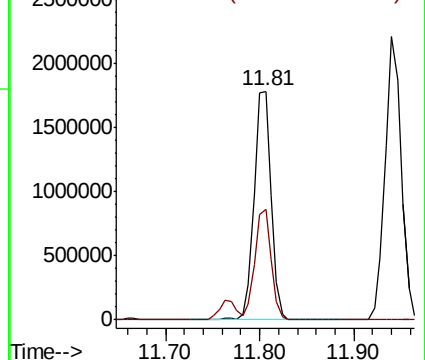
105 100

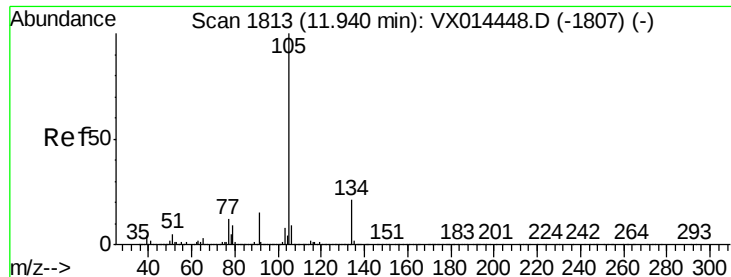
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

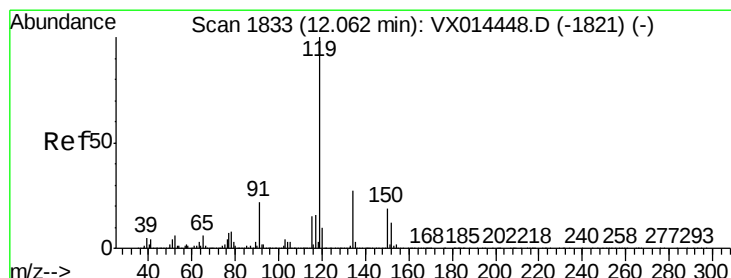
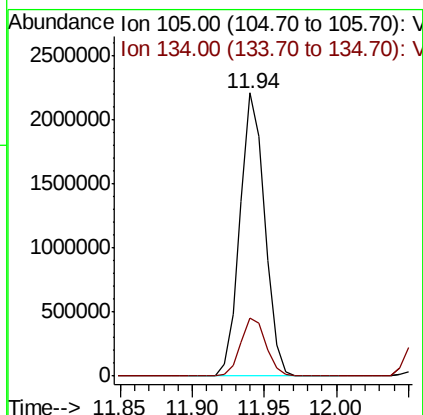
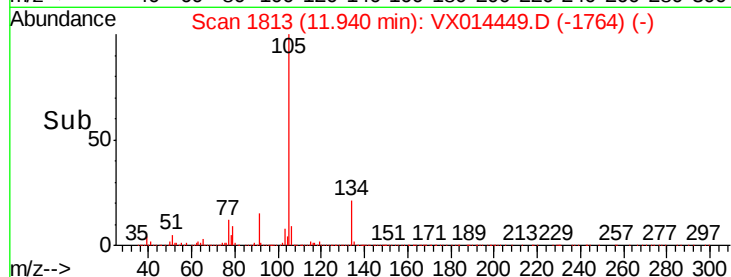
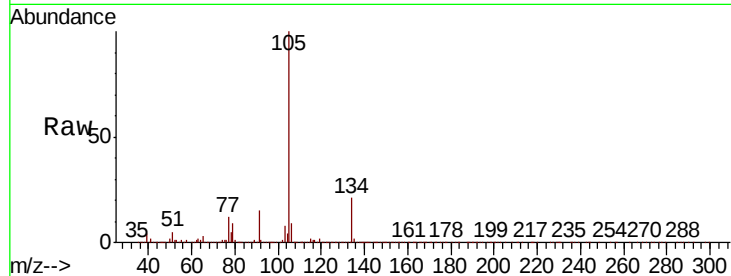




#85
 sec-Butylbenzene
 Concen: 99.179 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

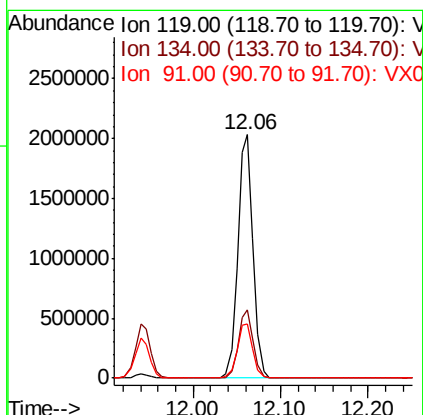
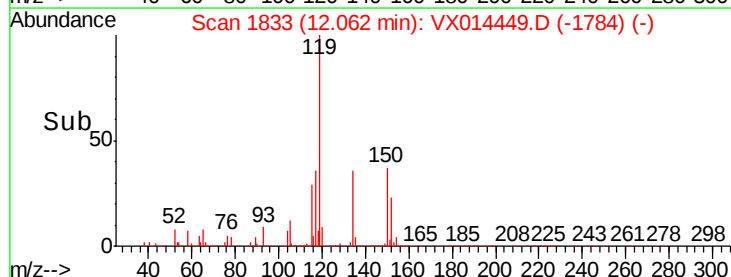
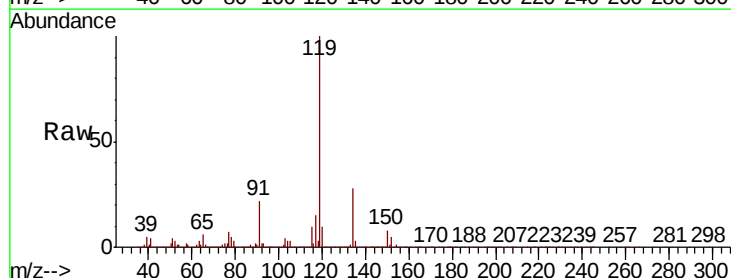
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

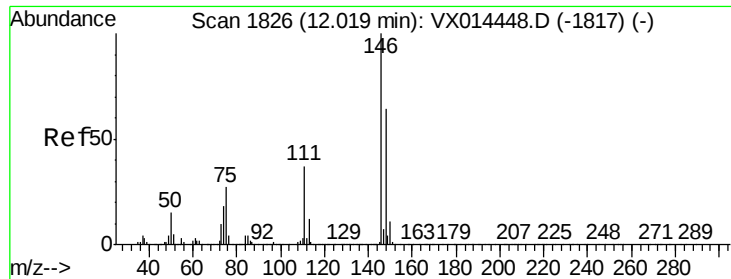
Tot Ion:105 Resp: 2640784
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 100.825 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion:119 Resp: 2460277
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 96.181 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

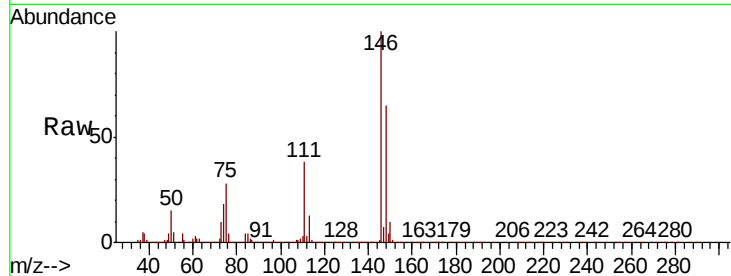
Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:146 Resp: 1278908

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.5	32.2	96.6

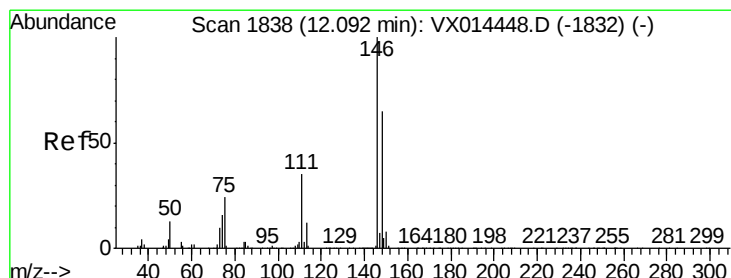
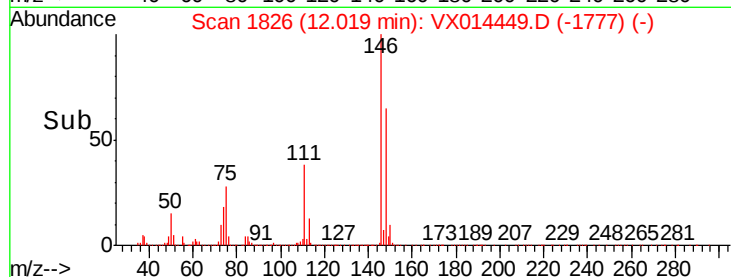
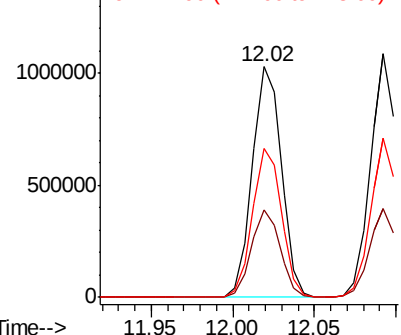


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 93.575 ug/l

RT: 12.09 min Scan# 1838

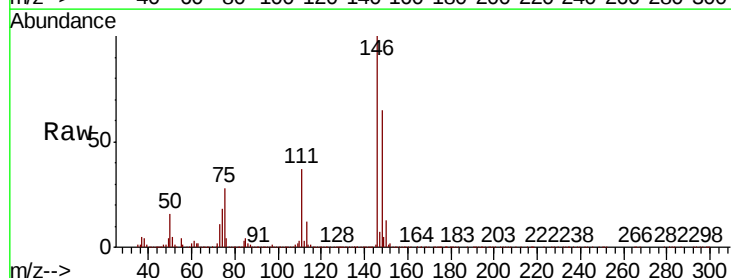
Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Tgt Ion:146 Resp: 1268827

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.8	32.1	96.3

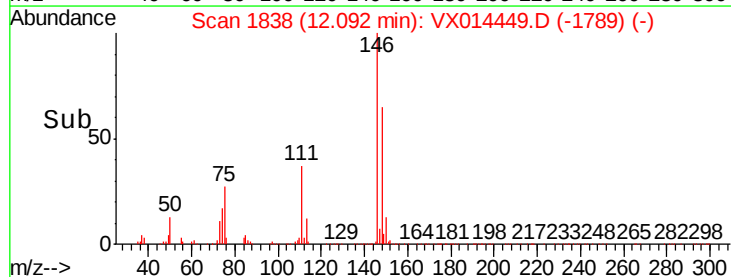
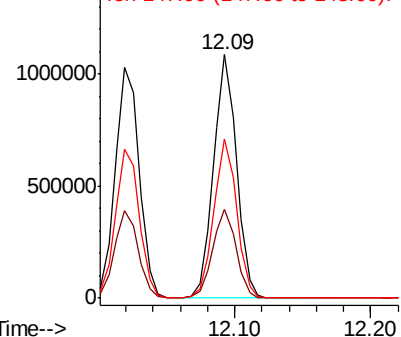


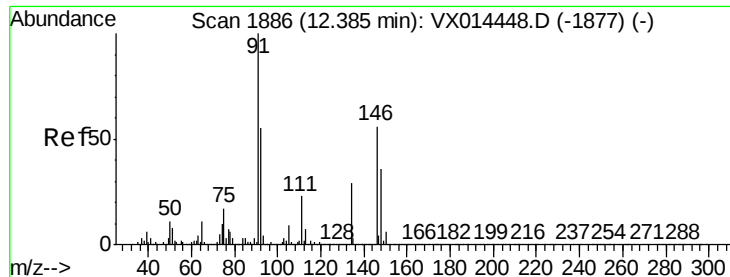
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 106.925 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

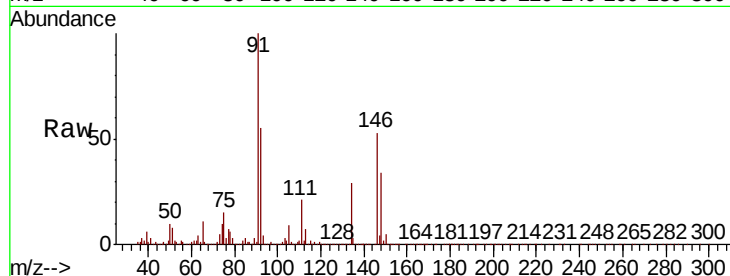
Tot Ion: 91 Resp: 2235934

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

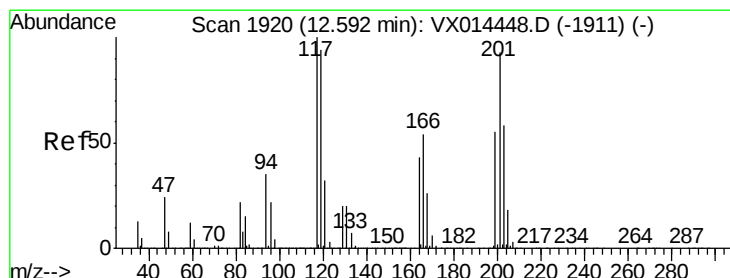
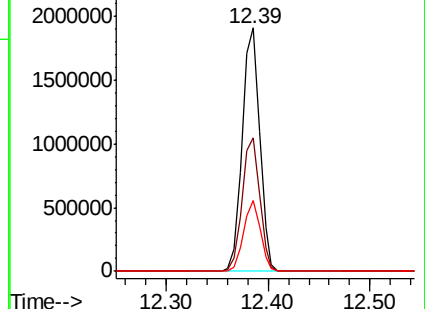
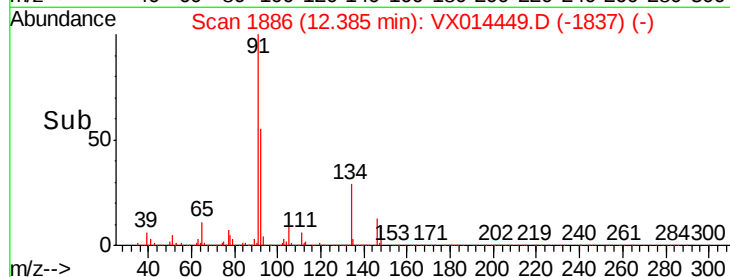
134 27.9 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX014449.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX014449.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX014449.D (-1877) (-)



#90

Hexachloroethane

Concen: 102.762 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014449.D

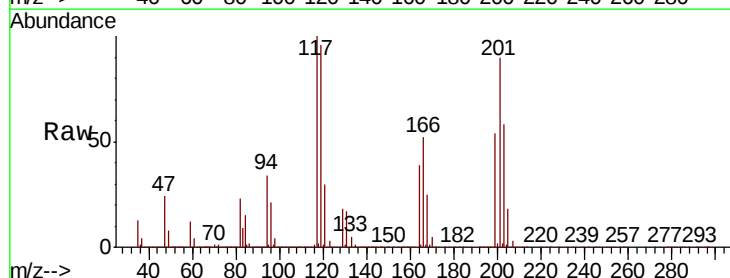
Acq: 07 Jan 2020 15:07

Tgt Ion: 117 Resp: 448445

Ion Ratio Lower Upper

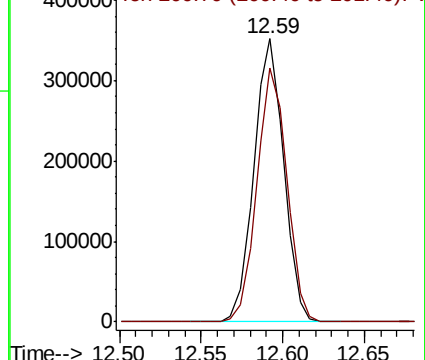
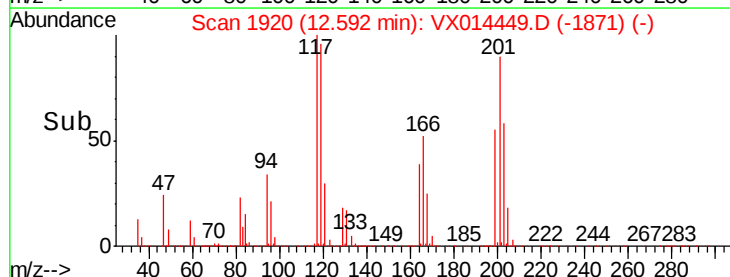
117 100

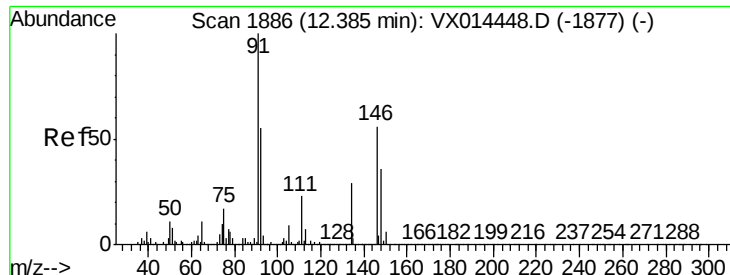
201 90.1 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014449.D (-1877) (-)

Ion 200.70 (200.40 to 201.40): VX014449.D (-1877) (-)





#91

1,2-Dichlorobenzene

Concen: 93.796 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

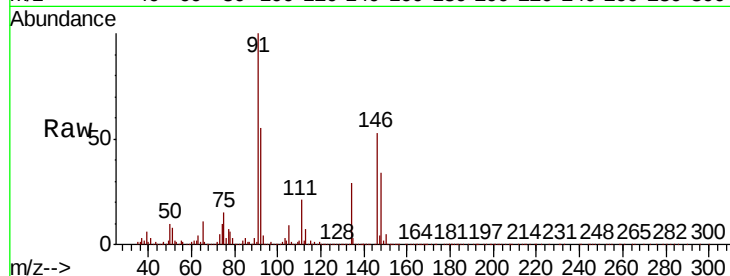
Tot Ion:146 Resp: 1250507

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

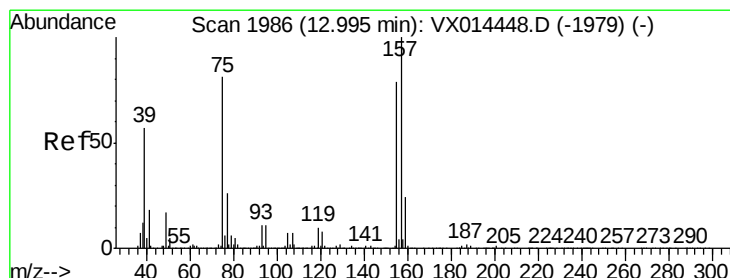
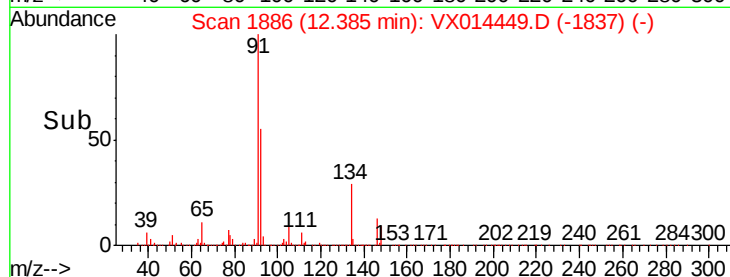
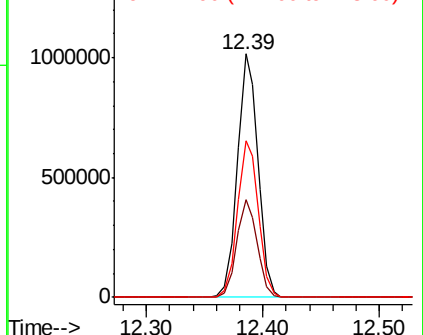
148 65.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.698 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014449.D

Acq: 07 Jan 2020 15:07

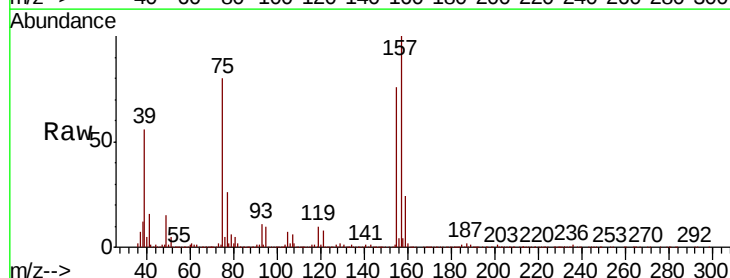
Tgt Ion: 75 Resp: 193544

Ion Ratio Lower Upper

75 100

155 98.6 48.7 146.1

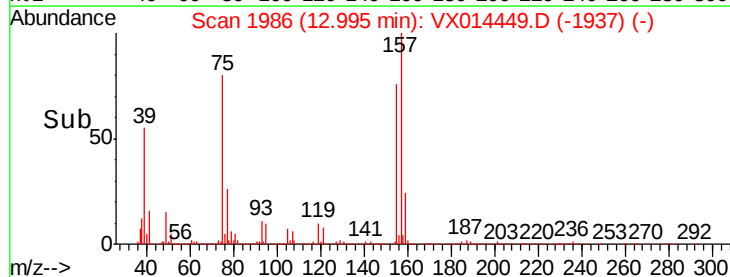
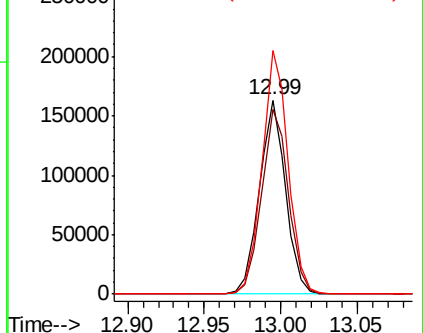
157 126.8 62.0 185.9

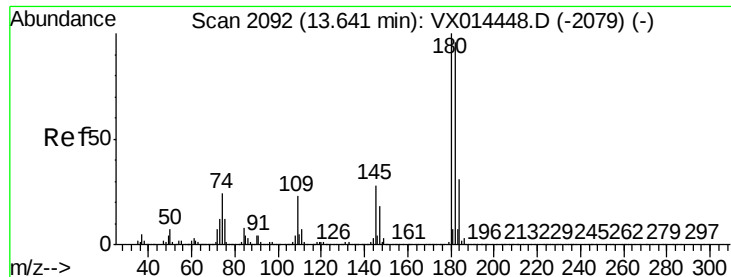


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

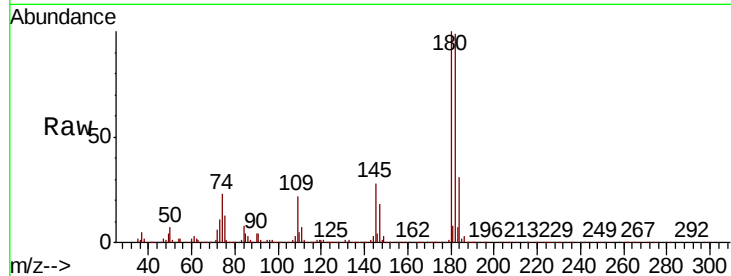




#93
 1,2,4-Trichlorobenzene
 Concen: 105.670 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.5
145	28.1	13.9	41.6

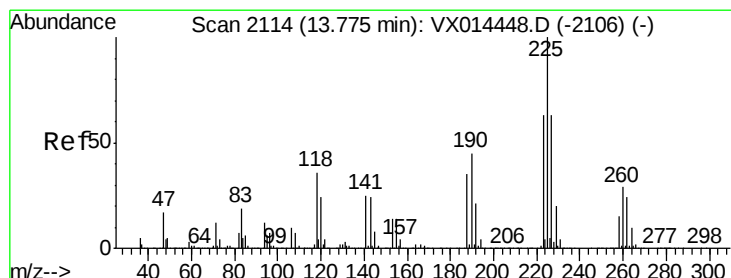
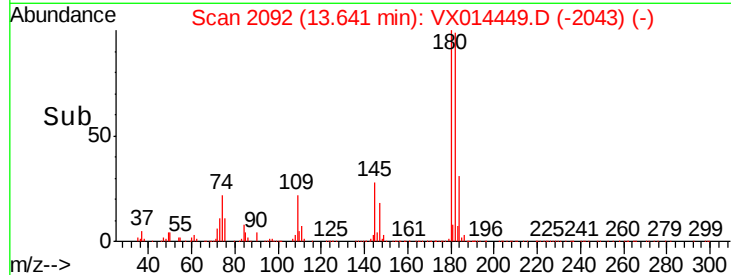
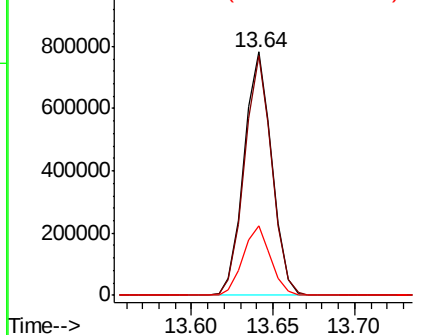


Abundance

Ion 179.80 (179.50 to 180.50): V

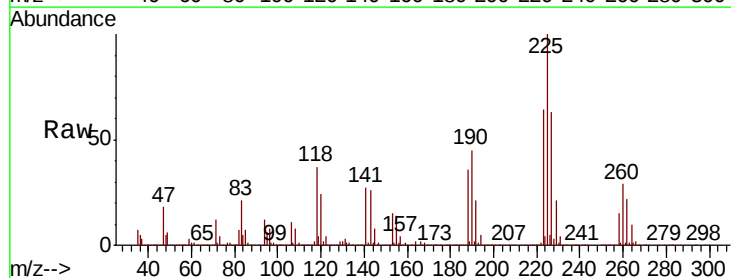
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 103.741 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014449.D
 Acq: 07 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	63.4	31.4	94.2

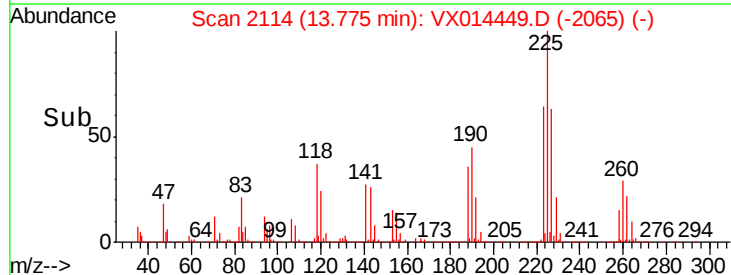
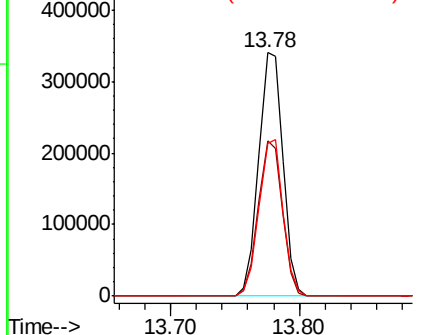


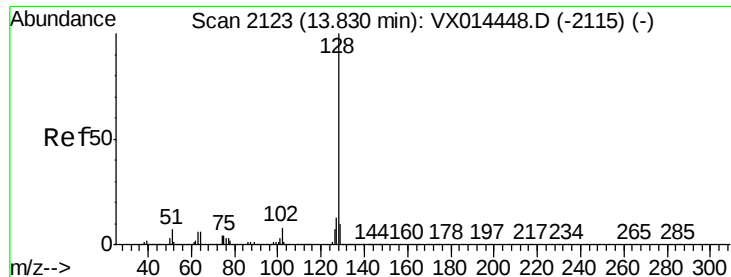
Abundance

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

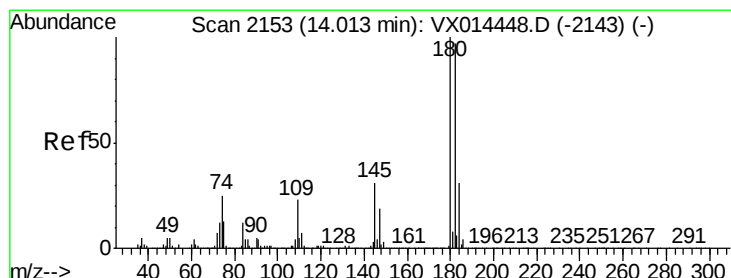
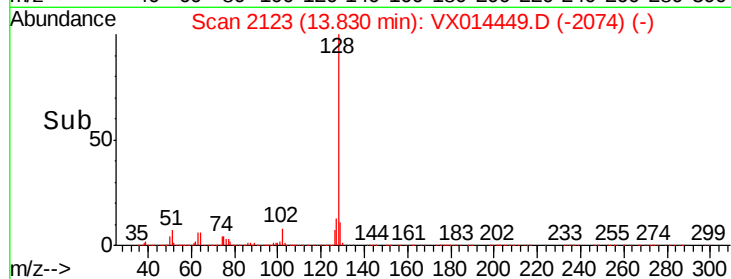
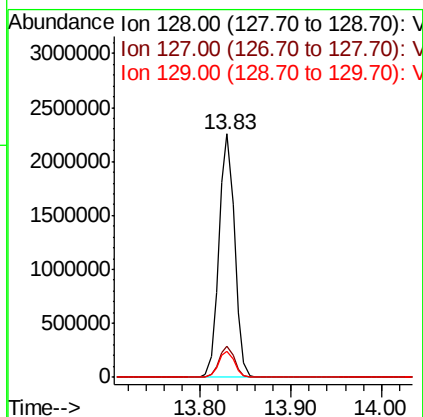
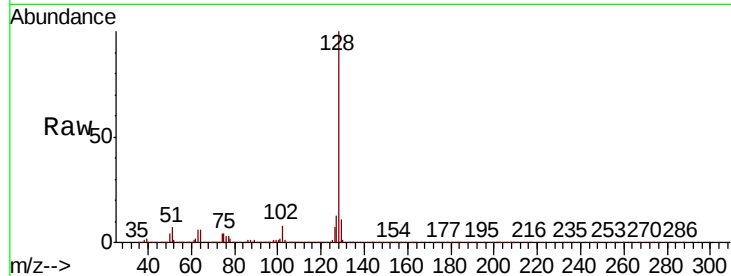




#95
Naphthalene
Concen: 105.481 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 2727283
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 106.186 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014449.D
Acq: 07 Jan 2020 15:07

Tgt Ion:180 Resp: 922076
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 30.0 14.8 44.3

