

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013471.D
 Acq On : 20 Nov 2019 11:36
 Operator : JC/SP
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:44:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	599129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	895333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	815121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	319958	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
35) Dibromofluoromethane	5.48	113	261944	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	983427	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	351726	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	113782	16.483	ug/l	99
3) Chloromethane	1.31	50	125962	16.826	ug/l	96
4) Vinyl Chloride	1.40	62	149849	17.583	ug/l	99
5) Bromomethane	1.62	94	90442	15.228	ug/l	96
6) Chloroethane	1.72	64	84664	16.582	ug/l	95
7) Trichlorofluoromethane	1.92	101	168569	16.741	ug/l	97
8) Diethyl Ether	2.17	74	82937	18.627	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103712	18.480	ug/l	100
10) Methyl Iodide	2.50	142	112073	16.130	ug/l	96
11) Tert butyl alcohol	3.03	59	167350	89.454	ug/l	99
12) 1,1-Dichloroethene	2.36	96	101274	18.428	ug/l	99
13) Acrolein	2.28	56	79465	78.374	ug/l	97
14) Allyl chloride	2.72	41	196030	19.631	ug/l	93
15) Acrylonitrile	3.12	53	351210	100.502	ug/l	99
16) Acetone	2.43	43	307221	86.777	ug/l	99
17) Carbon Disulfide	2.56	76	243008	16.520	ug/l	100
18) Methyl Acetate	2.76	43	204596	20.932	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	373932	20.400	ug/l	98
20) Methylene Chloride	2.84	84	121585	18.588	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	110626	18.488	ug/l	98
22) Diisopropyl ether	3.84	45	401139	20.808	ug/l	91
23) Vinyl Acetate	3.80	43	1645827	99.770	ug/l	100
24) 1,1-Dichloroethane	3.68	63	208680	19.350	ug/l	99
25) 2-Butanone	4.65	43	497716	95.830	ug/l	99
26) 2,2-Dichloropropane	4.56	77	167968	19.579	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	133413	19.903	ug/l	99
28) Bromochloromethane	5.00	49	60232	19.671	ug/l	99
29) Tetrahydrofuran	5.11	42	318208	99.422	ug/l	99
30) Chloroform	5.19	83	209965	19.717	ug/l	98
31) Cyclohexane	5.56	56	177339	18.275	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	171988	18.767	ug/l	99
36) 1,1-Dichloropropene	5.79	75	146099	19.021	ug/l	97
37) Ethyl Acetate	4.82	43	187801	19.787	ug/l	100
38) Carbon Tetrachloride	5.77	117	144614	19.254	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	181070	18.920	ug/l	97
40) Benzene	6.13	78	463265	19.363	ug/l	98
41) Methacrylonitrile	5.03	41	106452	20.011	ug/l	98
42) 1,2-Dichloroethane	6.18	62	172362	19.972	ug/l	98
43) Isopropyl Acetate	6.43	43	303943	20.566	ug/l	99
44) Trichloroethene	7.20	130	124081	18.840	ug/l	99
45) 1,2-Dichloropropane	7.50	63	122833	20.149	ug/l	98
46) Dibromomethane	7.65	93	81727	19.635	ug/l	97
47) Bromodichloromethane	7.89	83	161074	20.522	ug/l	96
48) Methyl methacrylate	7.76	41	148719	20.159	ug/l	97
49) 1,4-Dioxane	7.73	88	67368	398.744	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	977749	100.837	ug/l	100
52) Toluene	8.78	92	291175	19.636	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176023	20.509	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	194829	20.293	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	127751	20.785	ug/l	98
56) Ethyl methacrylate	9.17	69	194808	19.548	ug/l	99
57) 1,3-Dichloropropane	9.37	76	211599	20.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	412139	98.067	ug/l	99
59) 2-Hexanone	9.48	43	747140	99.710	ug/l	100
60) Dibromochloromethane	9.57	129	129987	20.678	ug/l	97
61) 1,2-Dibromoethane	9.67	107	130124	19.937	ug/l	99
64) Tetrachloroethene	9.33	164	111071	19.035	ug/l	95
65) Chlorobenzene	10.14	112	326145	19.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	122005	20.135	ug/l	97
67) Ethyl Benzene	10.25	91	549955	19.309	ug/l	98
68) m/p-Xylenes	10.35	106	423495	39.316	ug/l	100
69) o-Xylene	10.70	106	206565	19.588	ug/l	100
70) Styrene	10.71	104	346962	19.682	ug/l	99
71) Bromoform	10.85	173	99867	19.840	ug/l #	99
73) Isopropylbenzene	11.01	105	548649	20.419	ug/l	100
74) N-amyl acetate	10.89	43	259982	20.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	207905	21.210	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	227908	27.688	ug/l	78
77) Bromobenzene	11.25	156	145878	20.365	ug/l	98
78) n-propylbenzene	11.35	91	610776	20.406	ug/l	99
79) 2-Chlorotoluene	11.42	91	365639	20.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	452430	20.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	61772	19.316	ug/l	100
82) 4-Chlorotoluene	11.51	91	412605	19.546	ug/l	98
83) tert-Butylbenzene	11.76	119	459983	20.417	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	460086	20.493	ug/l	100
85) sec-Butylbenzene	11.94	105	534150	20.629	ug/l	100
86) p-Isopropyltoluene	12.06	119	490645	20.578	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252091	19.744	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	254445	19.559	ug/l	99
89) n-Butylbenzene	12.39	91	408040	19.613	ug/l	100
90) Hexachloroethane	12.59	117	84662	19.929	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	255336	20.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42882	17.956	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

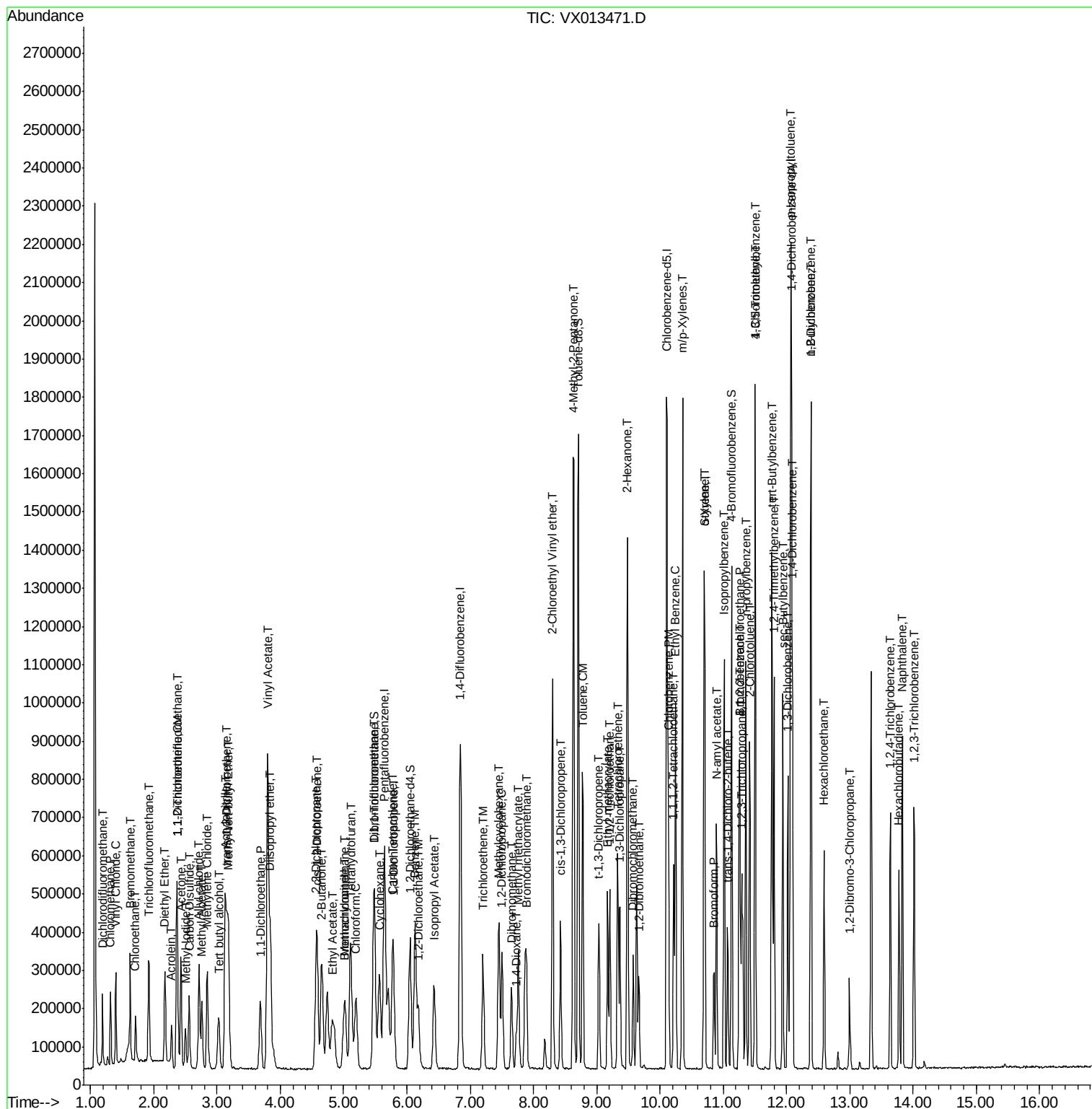
Instrument :
MSVOA_X
ClientSampleId :

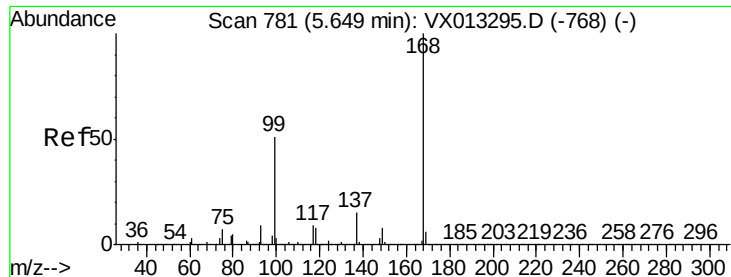
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	170997	19.207	ug/l	98
94) Hexachlorobutadiene	13.78	225	83167	19.094	ug/l	99
95) Naphthalene	13.83	128	527407	18.881	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	172980	19.374	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

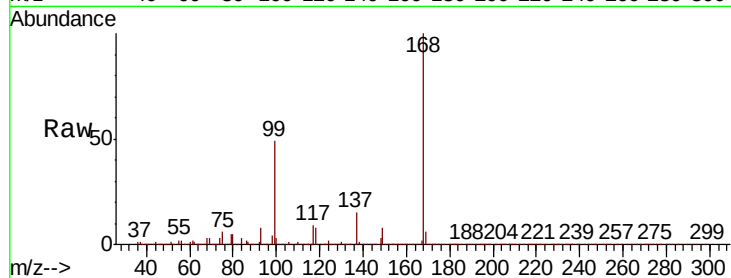
ClientSampleId :

Tot Ion:168 Resp: 599129

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

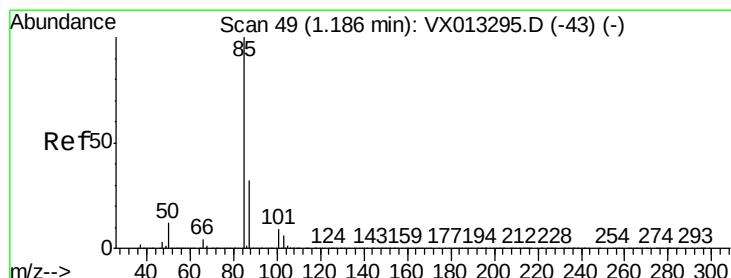
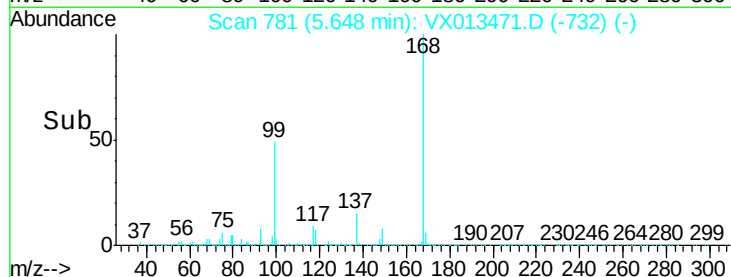
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.483 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013471.D

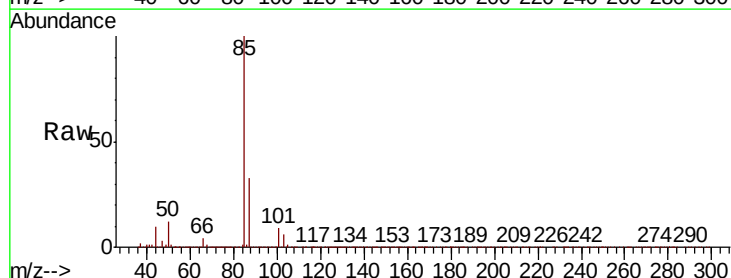
Acq: 20 Nov 2019 11:36

Tgt Ion: 85 Resp: 113782

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

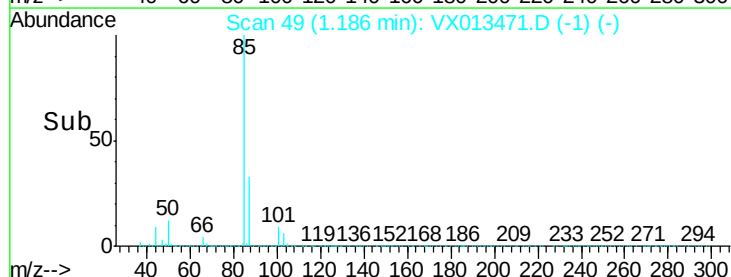
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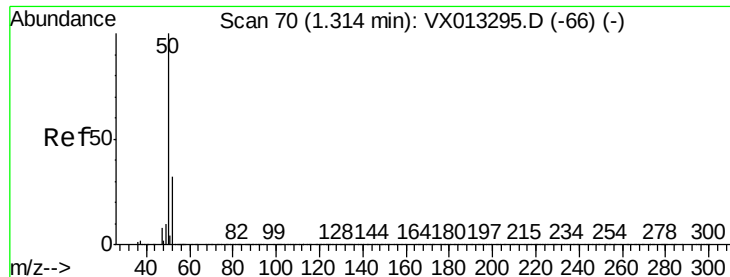
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.826 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

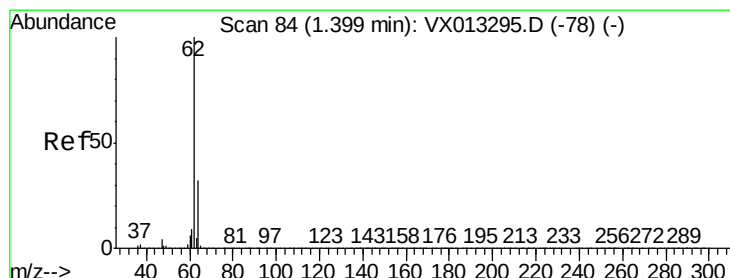
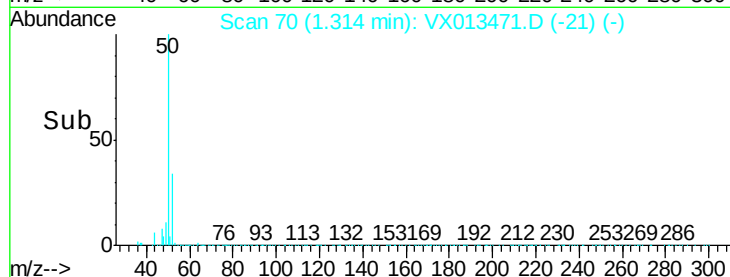
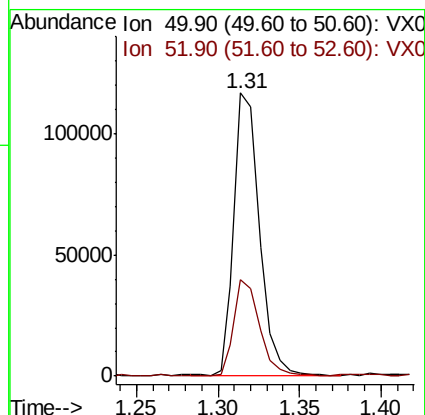
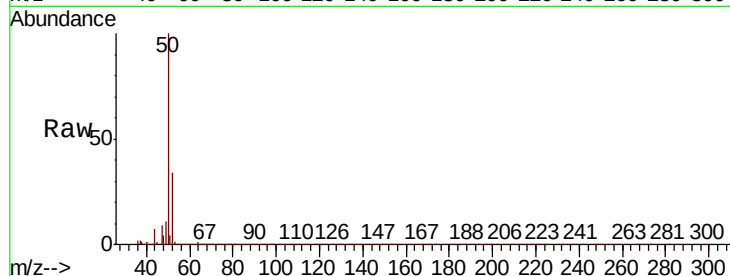
ClientSampleId :

Tot Ion: 50 Resp: 125962

Ion Ratio Lower Upper

50 100

52 33.9 25.5 38.3



#4

Vinyl Chloride

Concen: 17.583 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013471.D

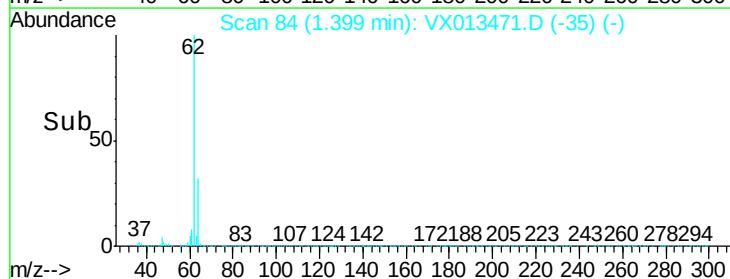
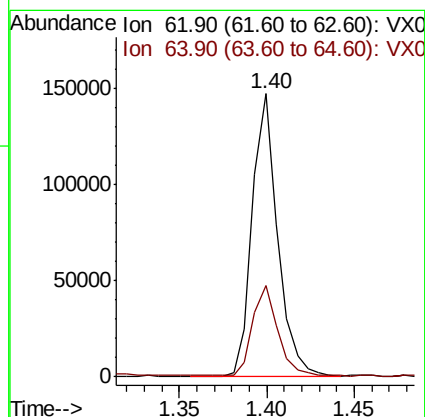
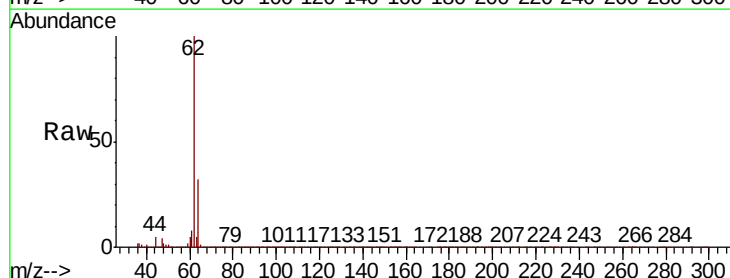
Acq: 20 Nov 2019 11:36

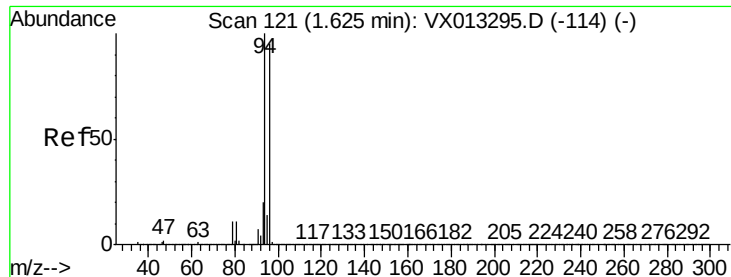
Tgt Ion: 62 Resp: 149849

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 15.228 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

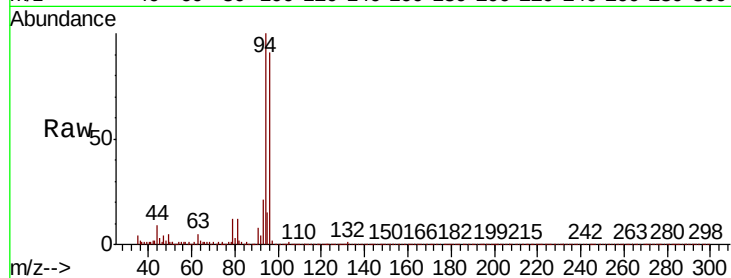
ClientSampleId :

Tot Ion: 94 Resp: 90442

Ion Ratio Lower Upper

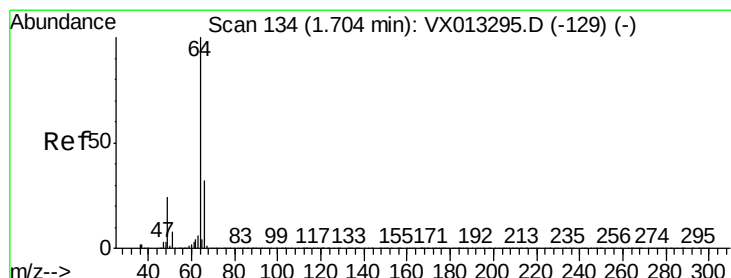
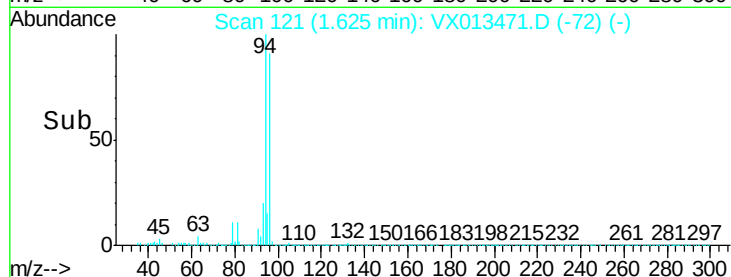
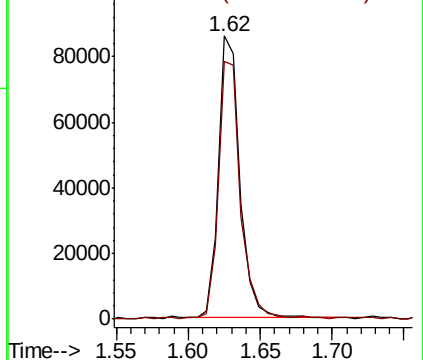
94 100

96 91.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.582 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013471.D

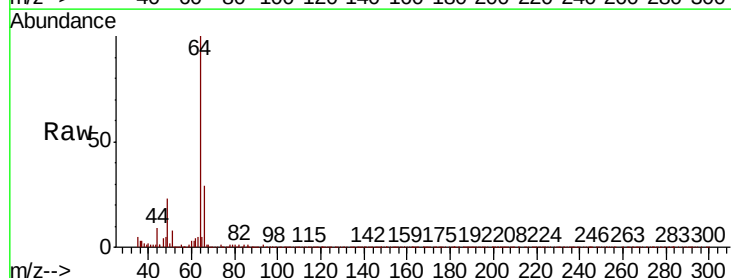
Acq: 20 Nov 2019 11:36

Tgt Ion: 64 Resp: 84664

Ion Ratio Lower Upper

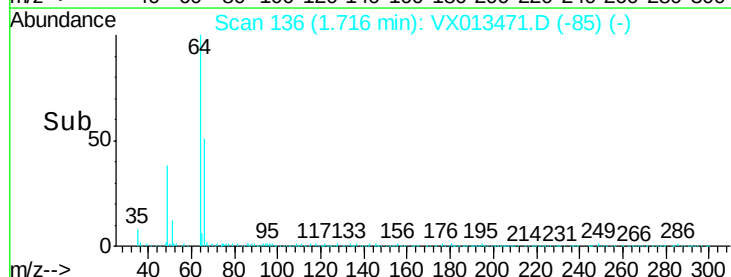
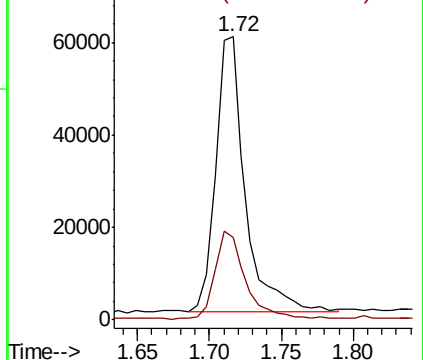
64 100

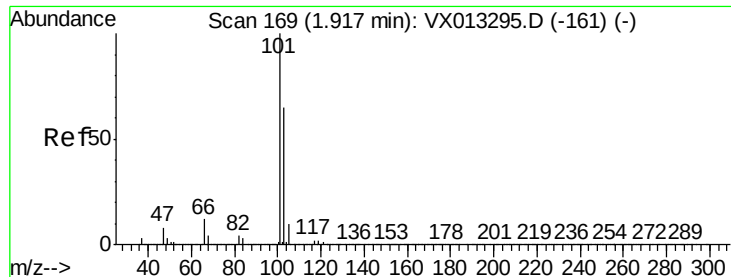
66 29.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



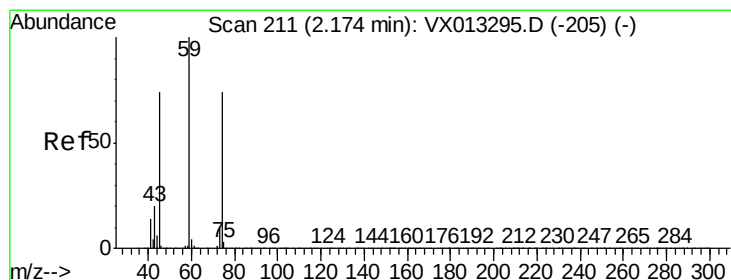
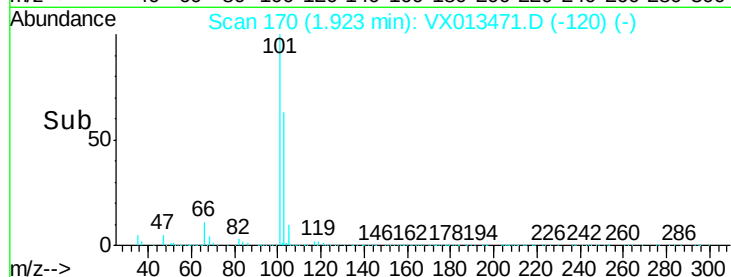
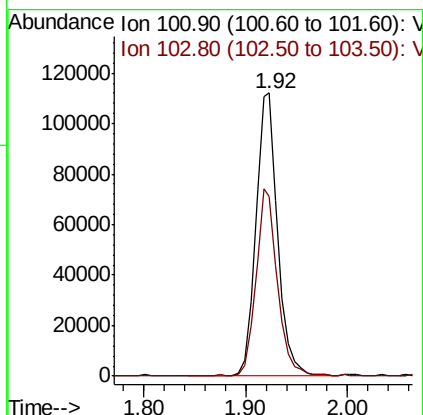
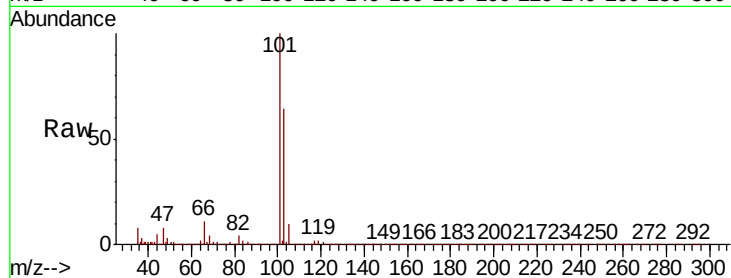


#7

Trichlorofluoromethane
Concen: 16.741 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

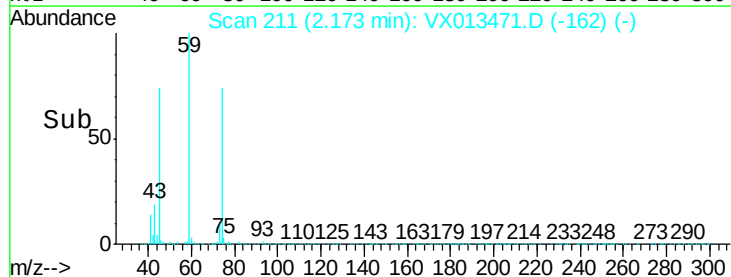
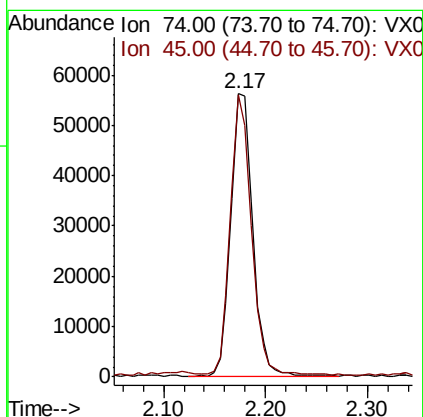
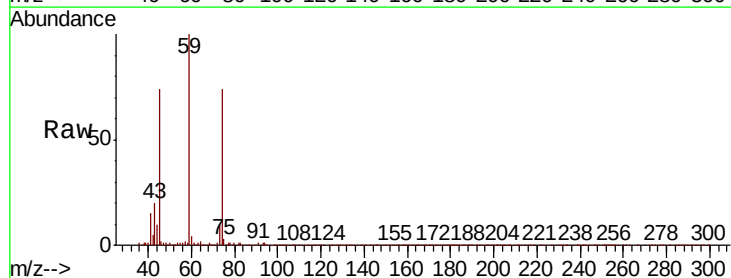
Tot Ion:101 Resp: 168569
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5

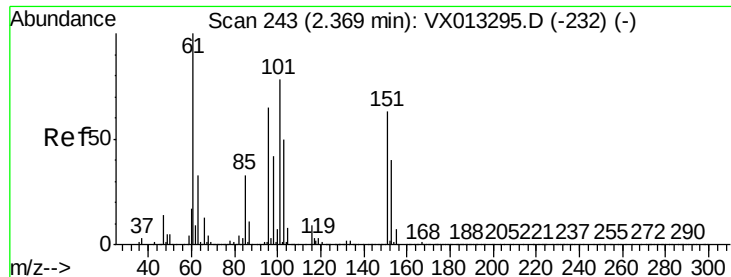


#8

Diethyl Ether
Concen: 18.627 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 74 Resp: 82937
Ion Ratio Lower Upper
74 100
45 94.5 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.480 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

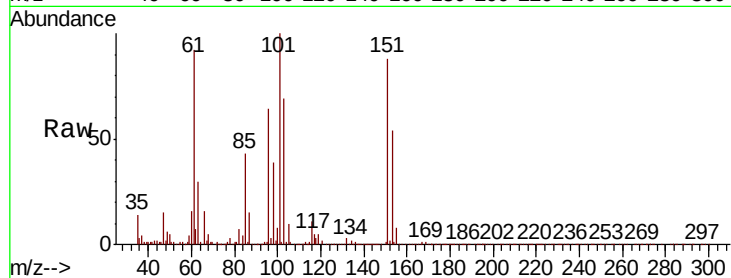
Tot Ion:101 Resp: 103712

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

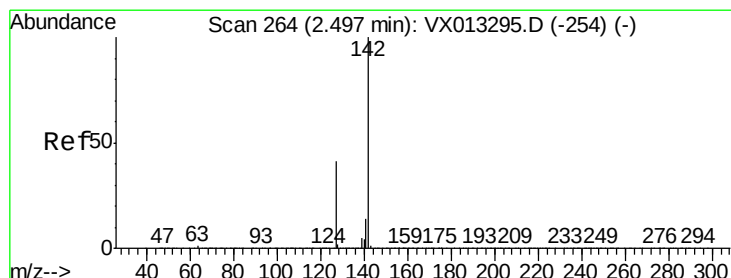
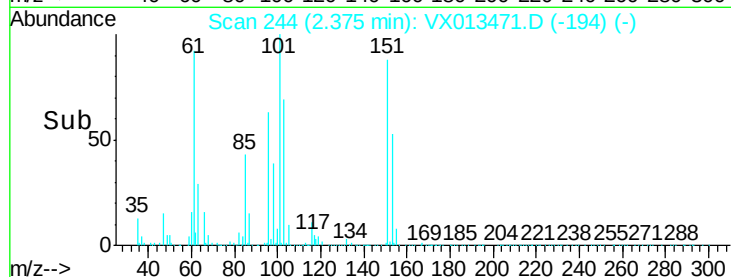
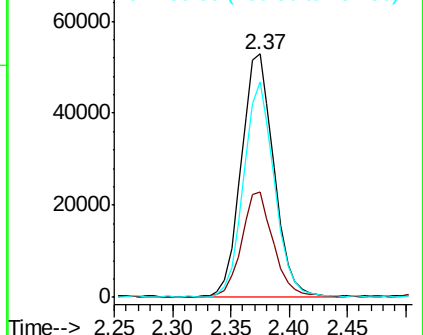
151 83.4 66.4 99.6



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: 16.130 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

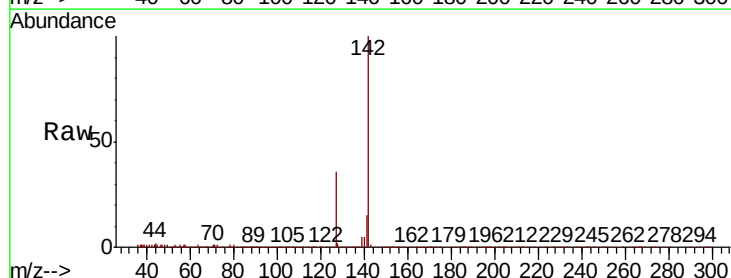
Tgt Ion:142 Resp: 112073

Ion Ratio Lower Upper

142 100

127 37.3 32.6 49.0

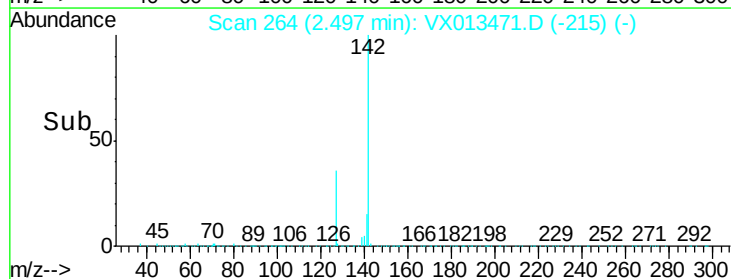
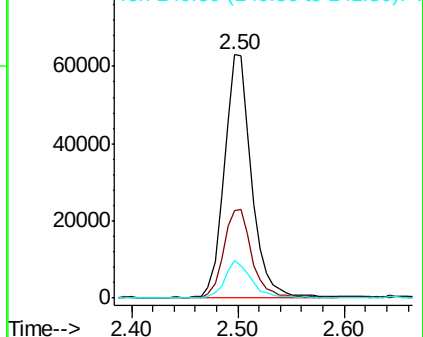
141 14.8 11.6 17.4

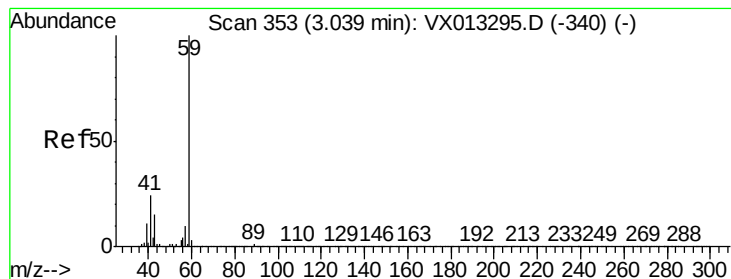


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



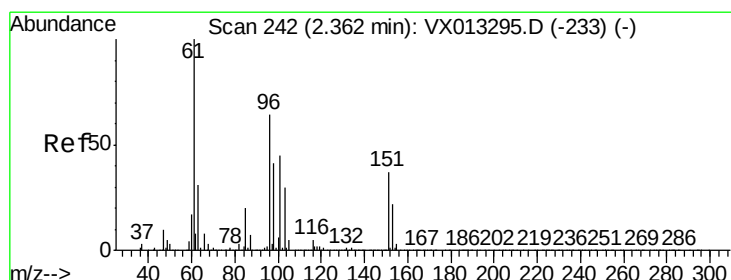
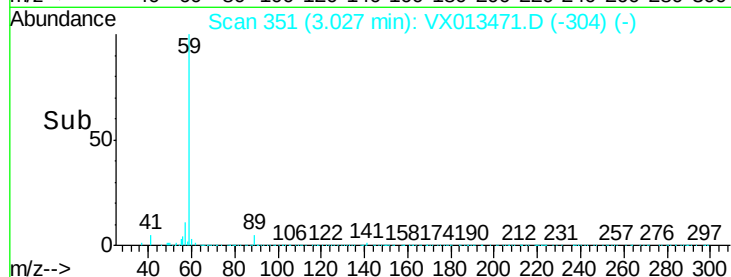
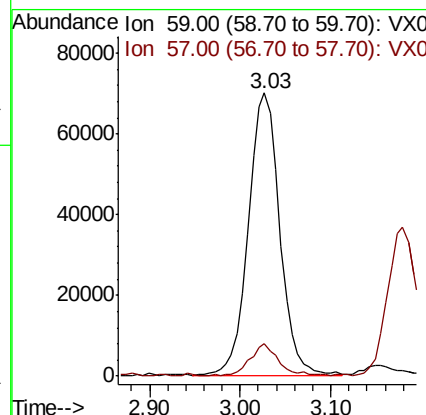
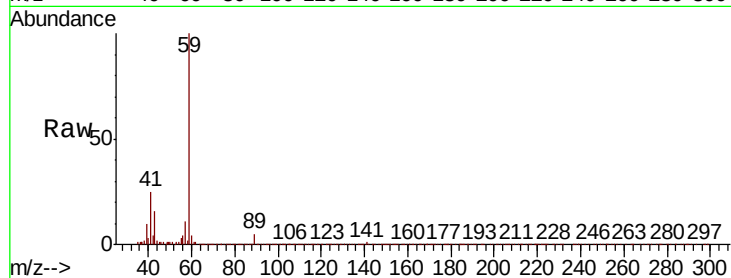


#11

Tert butyl alcohol
Concen: 89.454 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

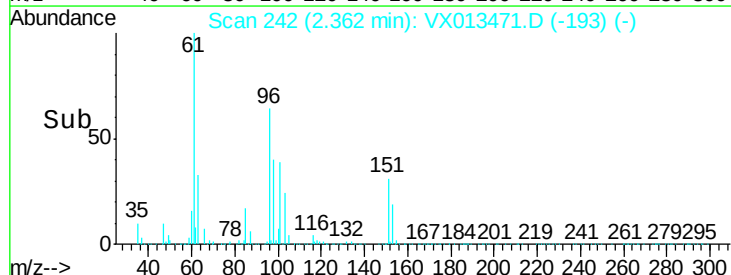
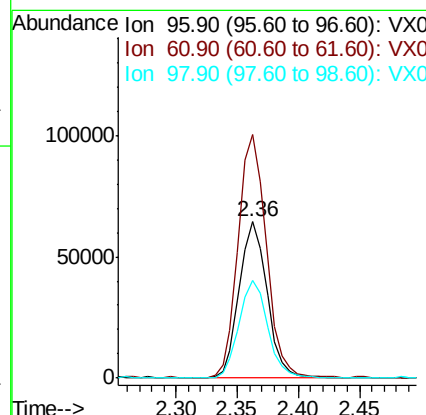
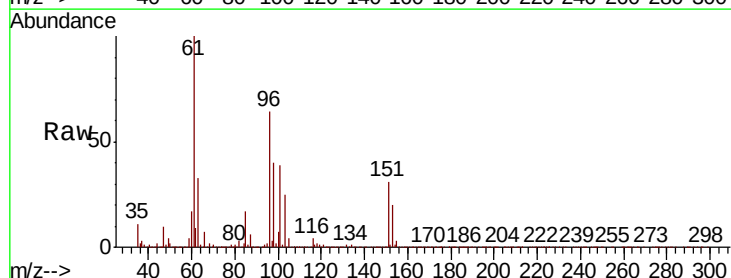
Tot Ion: 59 Resp: 167350
Ion Ratio Lower Upper
59 100
57 9.6 8.0 12.0

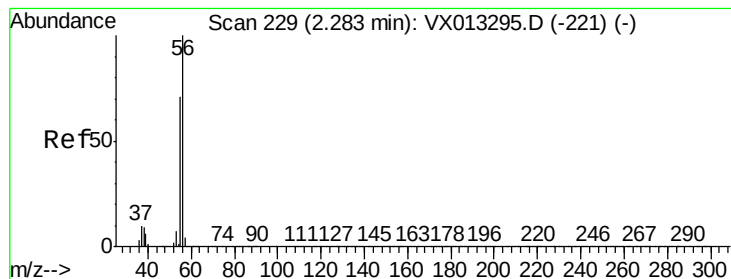


#12

1,1-Dichloroethene
Concen: 18.428 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 96 Resp: 101274
Ion Ratio Lower Upper
96 100
61 155.7 125.0 187.6
98 62.5 50.7 76.1





#13

Acrolein

Concen: 78.374 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

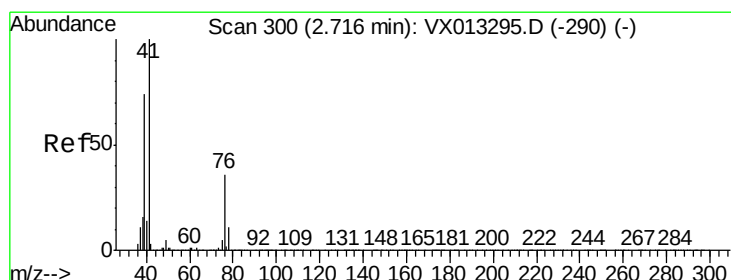
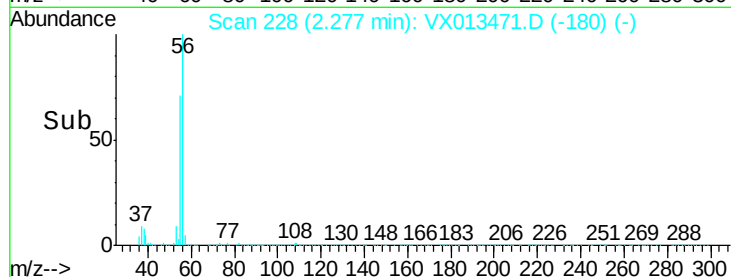
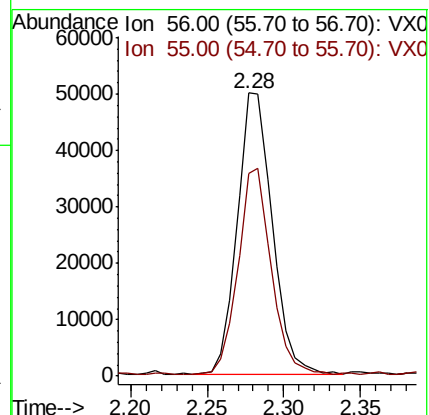
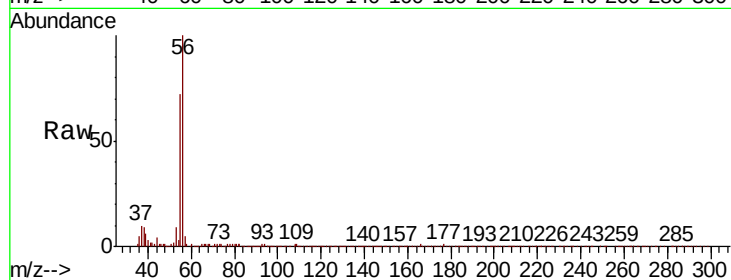
ClientSampleId :

Tot Ion: 56 Resp: 79465

Ion Ratio Lower Upper

56 100

55 68.9 57.4 86.0



#14

Allyl chloride

Concen: 19.631 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

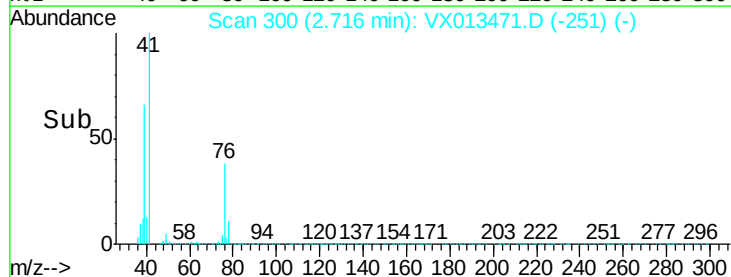
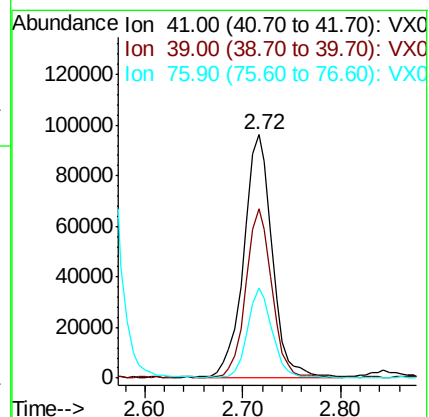
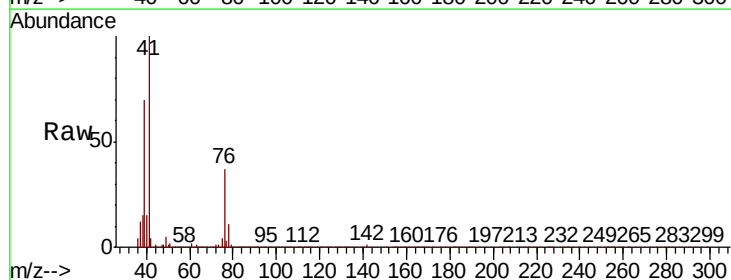
Tgt Ion: 41 Resp: 196030

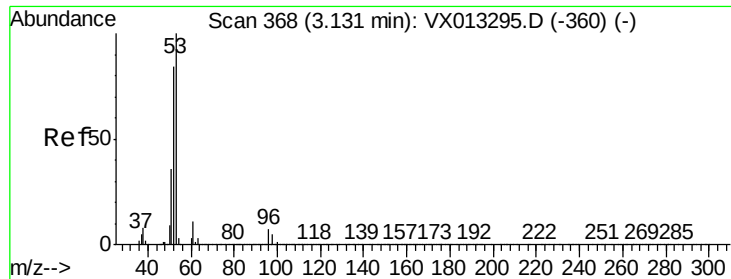
Ion Ratio Lower Upper

41 100

39 62.5 55.8 83.8

76 31.8 26.4 39.6





#15

Acrylonitrile

Concen: 100.502 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

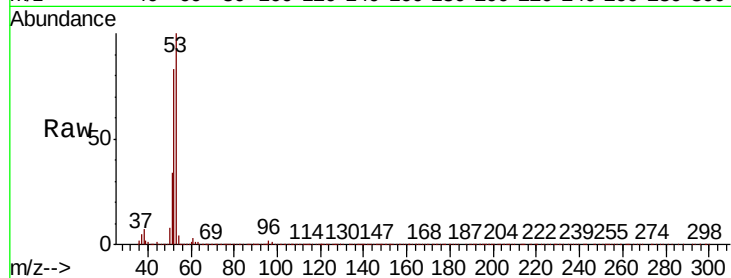
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 351210

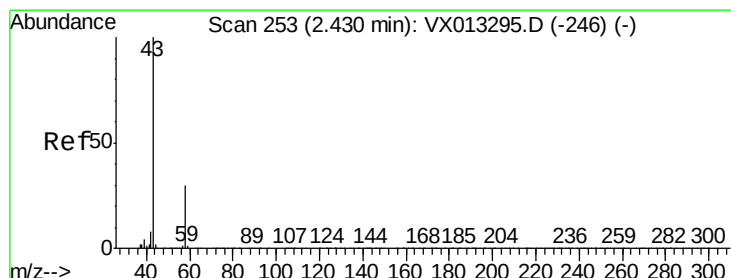
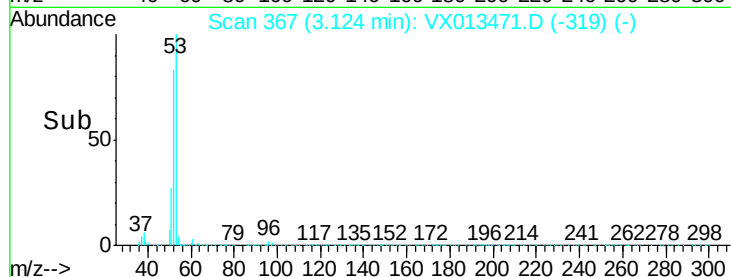
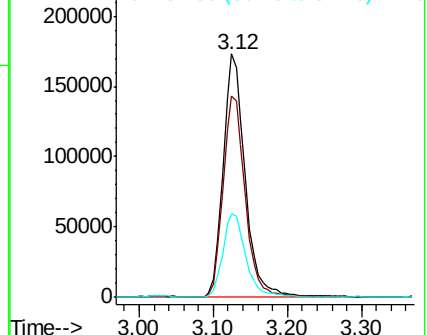
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.4	101.0
51	36.2	29.4	44.2



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: 86.777 ug/l

RT: 2.43 min Scan# 253

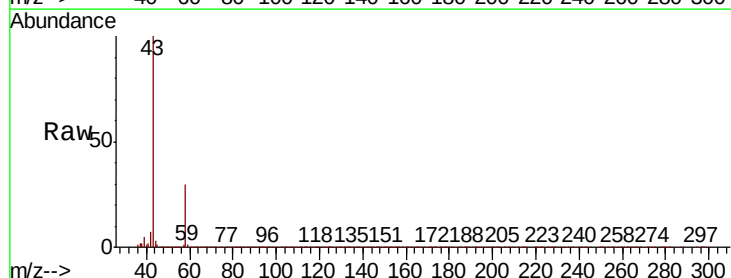
Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

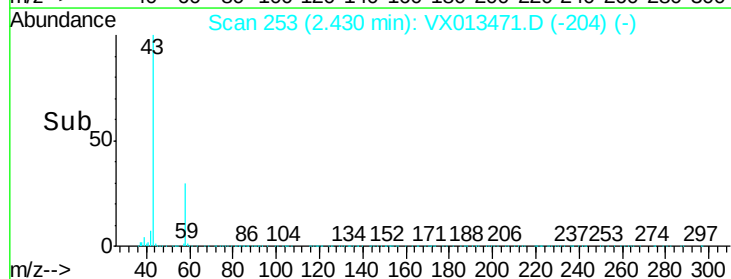
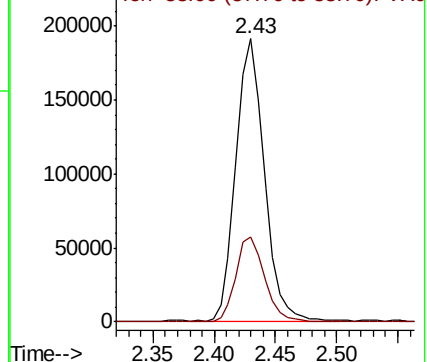
Tgt Ion: 43 Resp: 307221

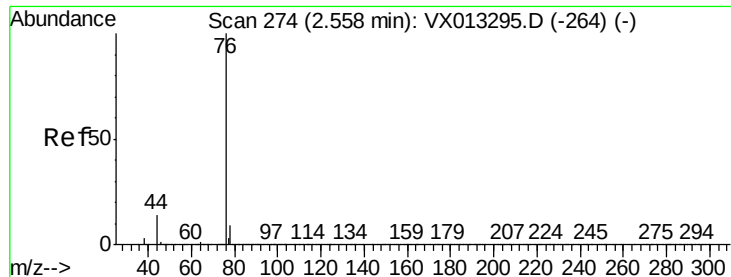
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.520 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

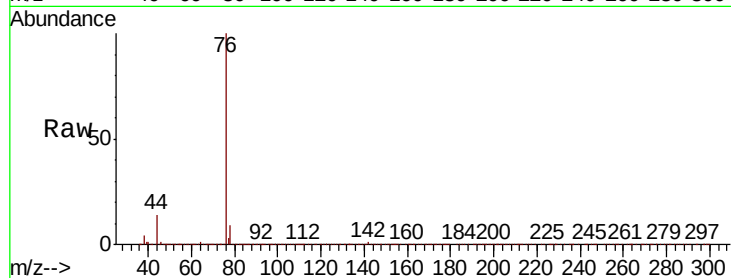
ClientSampleId :

Tot Ion: 76 Resp: 243008

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

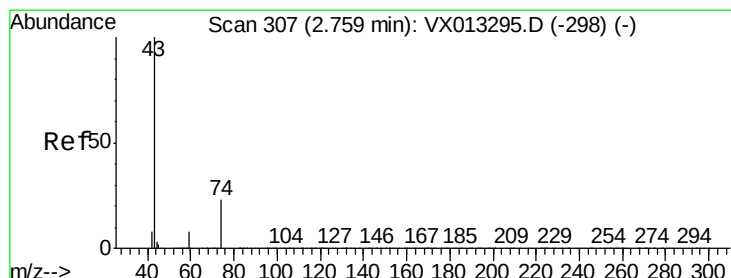
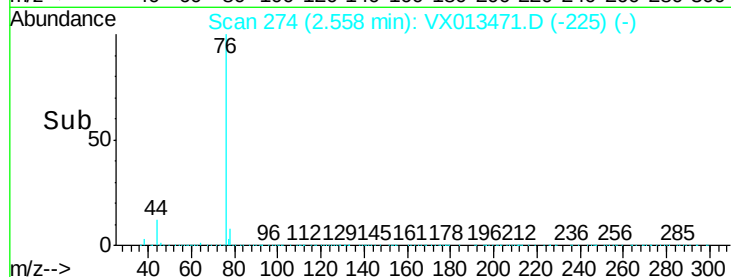
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.932 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013471.D

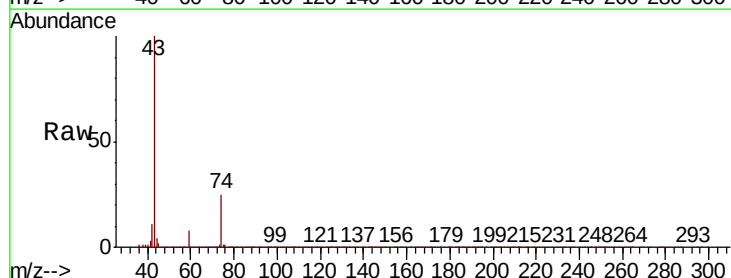
Acq: 20 Nov 2019 11:36

Tgt Ion: 43 Resp: 204596

Ion Ratio Lower Upper

43 100

74 25.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

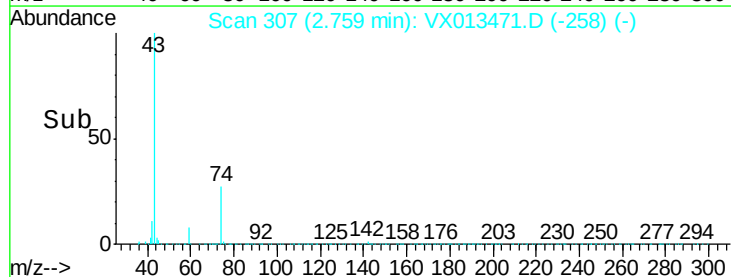
100000

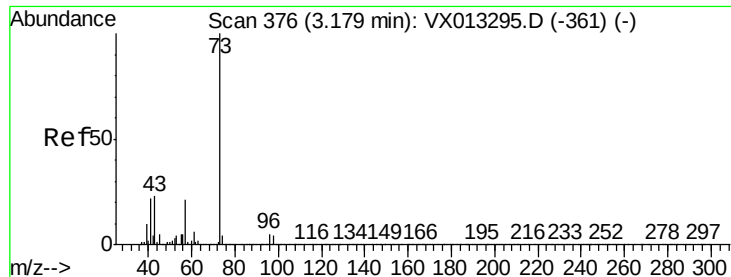
50000

0

Time-->

2.70 2.75 2.80 2.85

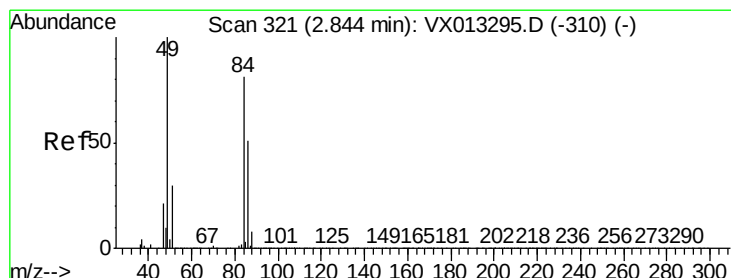
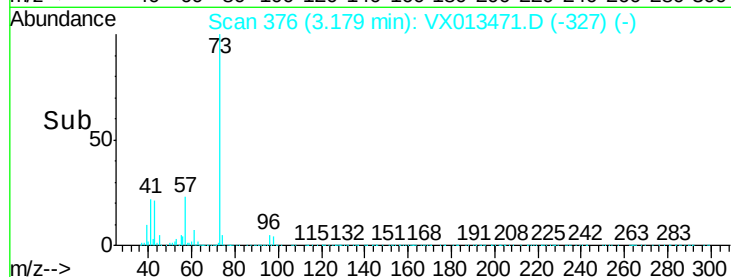
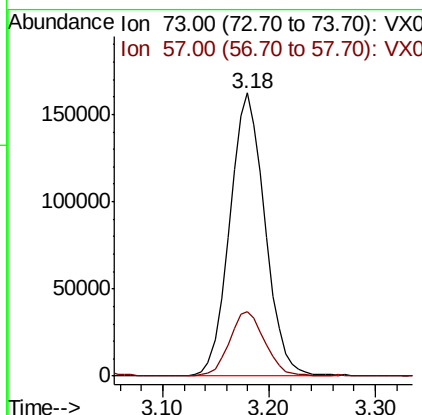
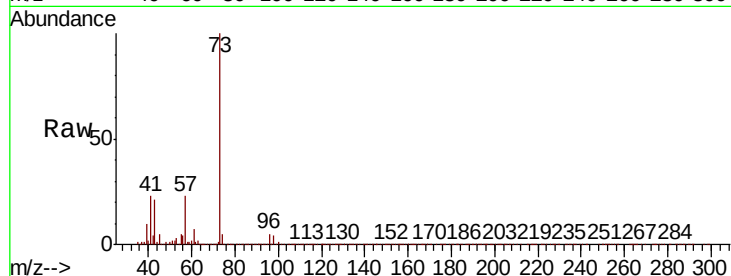




#19
Methyl tert-butyl Ether
Concen: 20.400 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

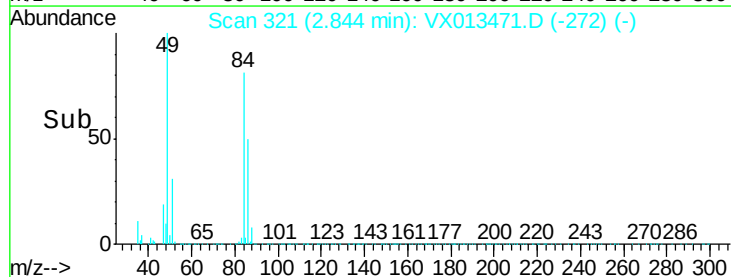
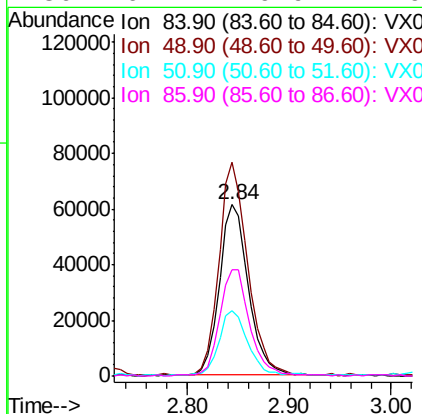
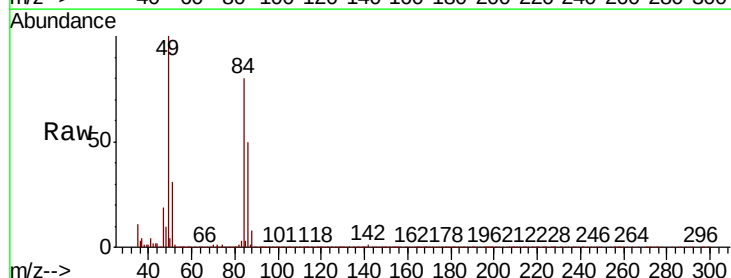
Instrument :
MSVOA_X
ClientSampleId :

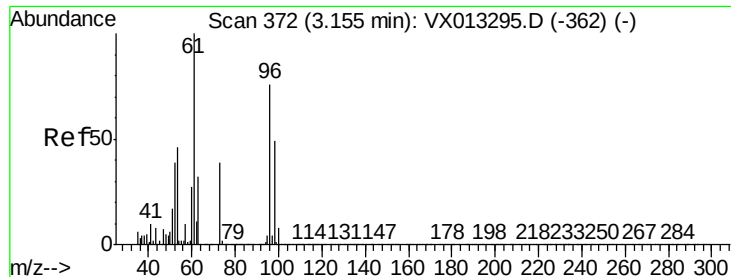
Tot Ion: 73 Resp: 373932
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 18.588 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 84 Resp: 121585
Ion Ratio Lower Upper
84 100
49 124.9 98.2 147.4
51 37.9 29.9 44.9
86 62.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.488 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

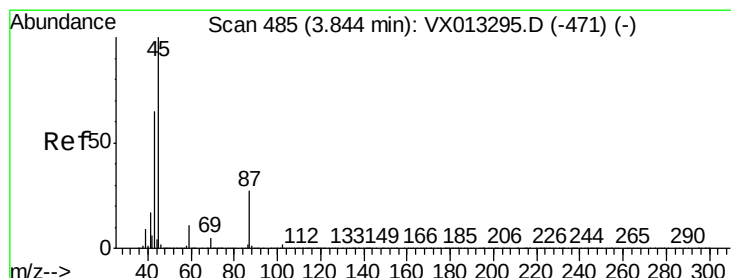
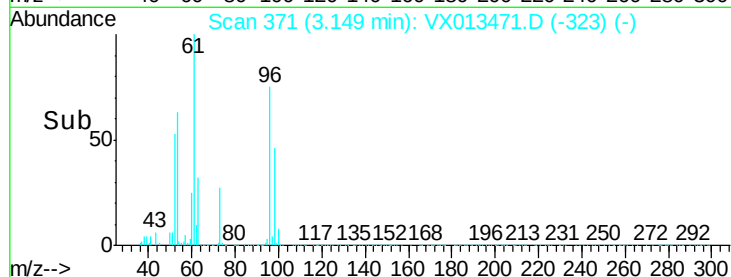
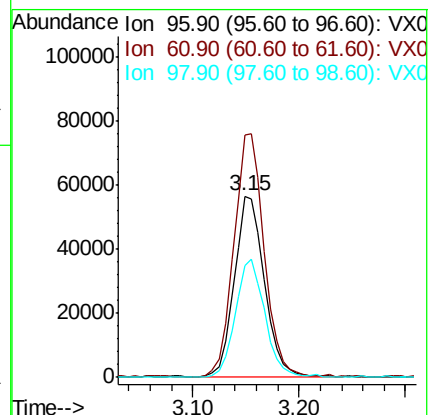
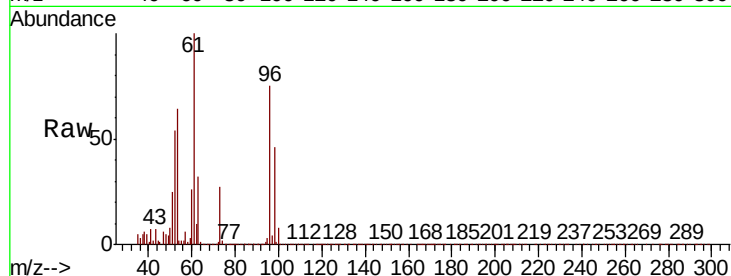
Tot Ion: 96 Resp: 110626

Ion Ratio Lower Upper

96 100

61 134.1 105.8 158.6

98 61.9 51.8 77.6



#22

Diisopropyl ether

Concen: 20.808 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Tgt Ion: 45 Resp: 401139

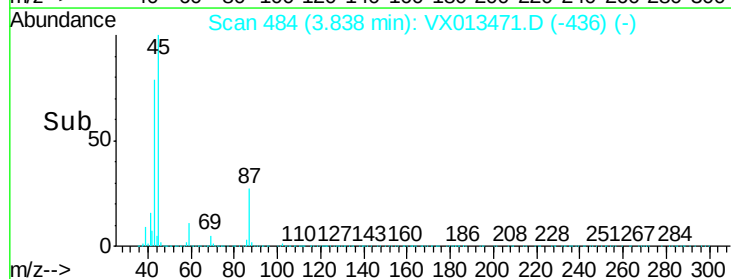
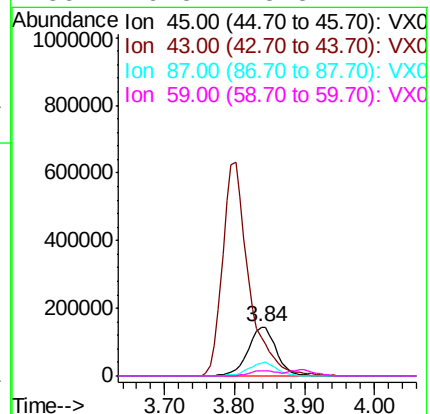
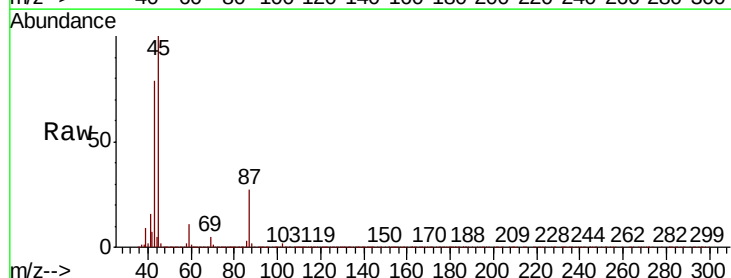
Ion Ratio Lower Upper

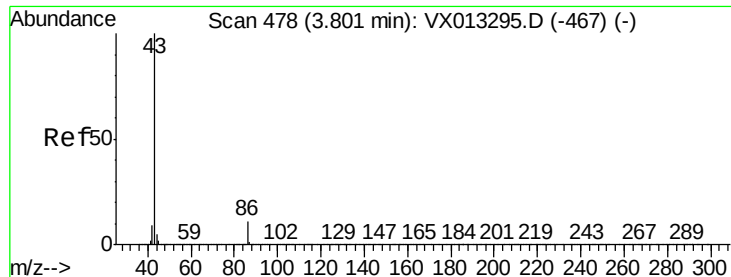
45 100

43 78.9 54.2 81.2

87 26.5 21.8 32.8

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 99.770 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

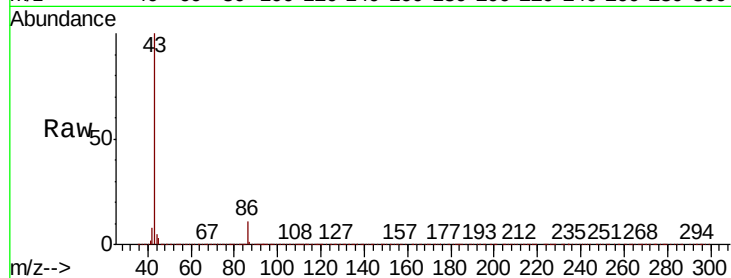
ClientSampleId :

Tot Ion: 43 Resp: 1645827

Ion Ratio Lower Upper

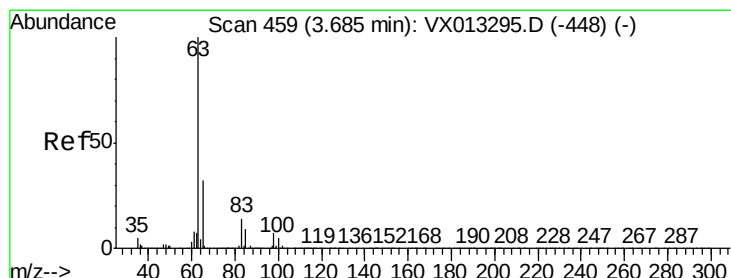
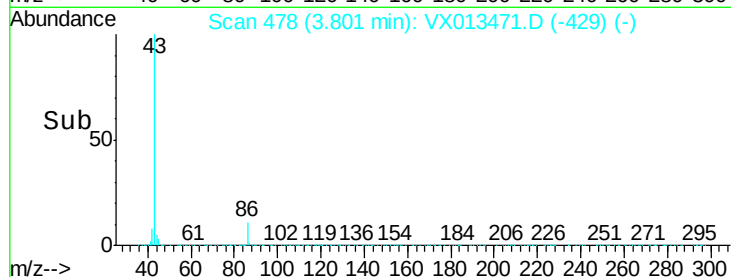
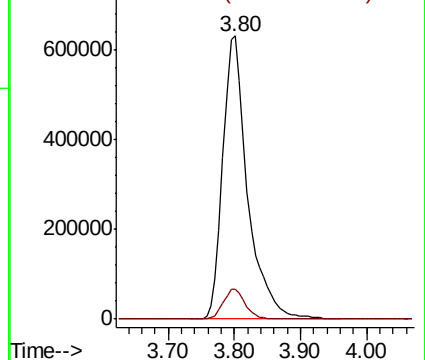
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.350 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

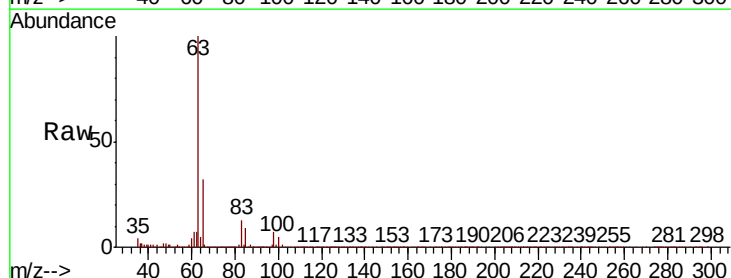
Tgt Ion: 63 Resp: 208680

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

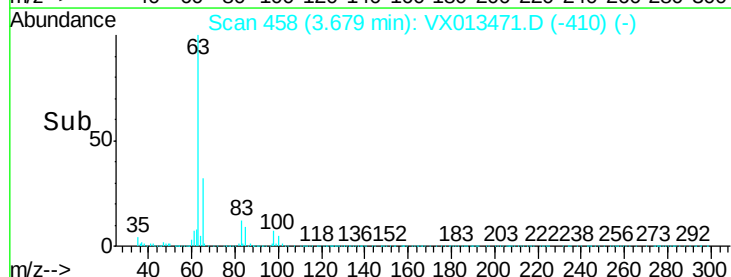
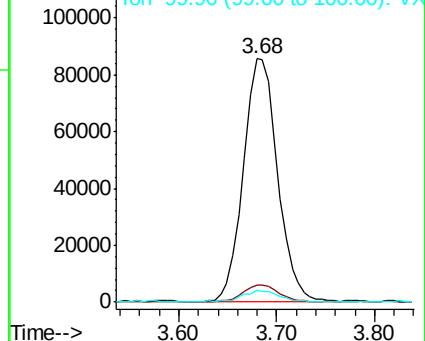
100 4.5 2.4 7.2

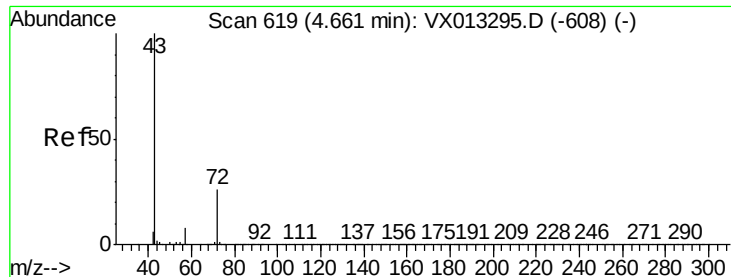


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.830 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

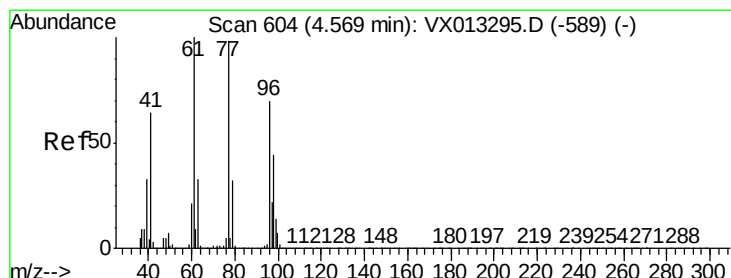
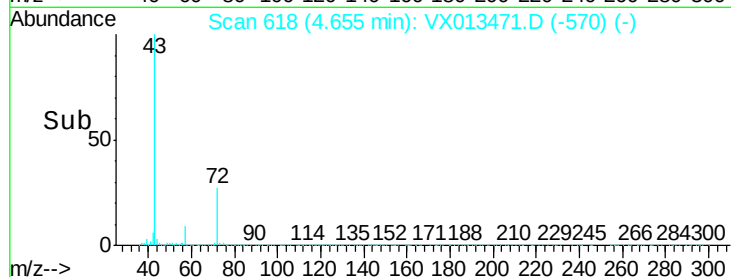
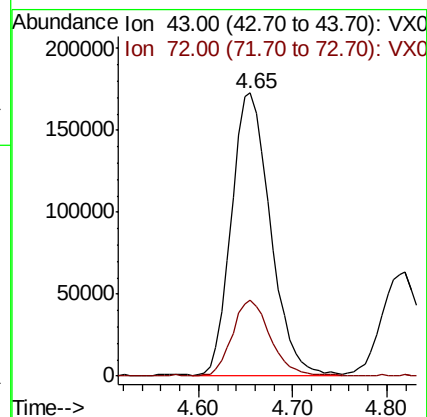
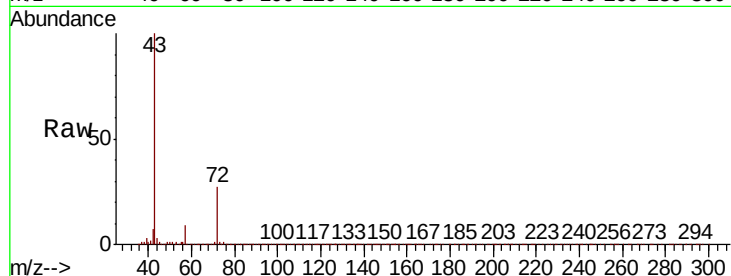
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 497716

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.579 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013471.D

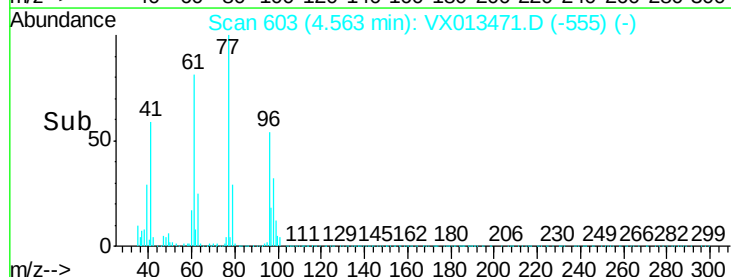
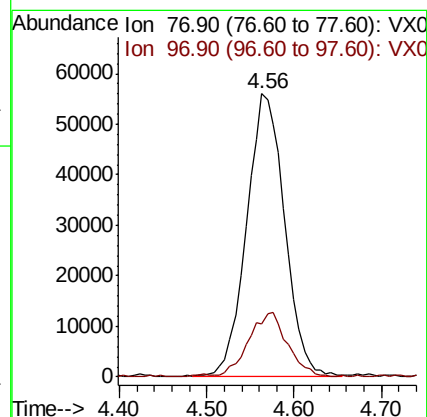
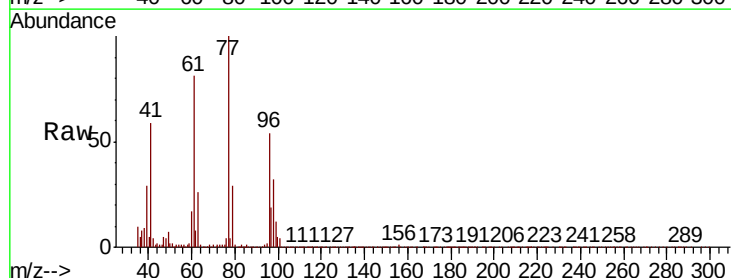
Acq: 20 Nov 2019 11:36

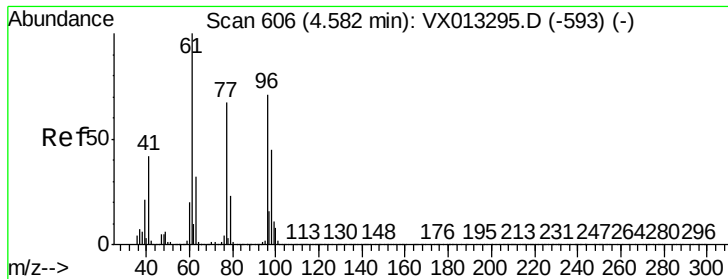
Tgt Ion: 77 Resp: 167968

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



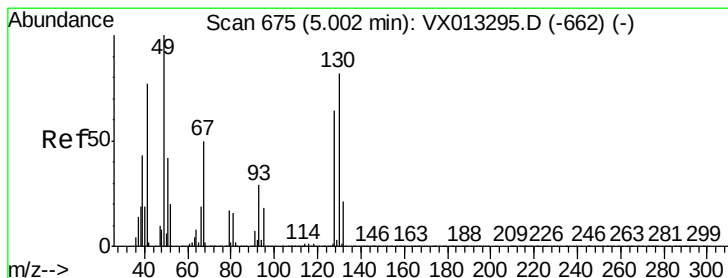
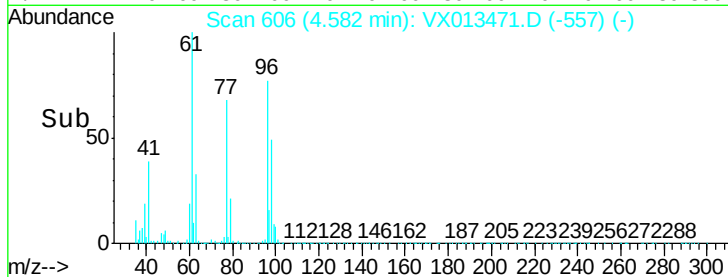
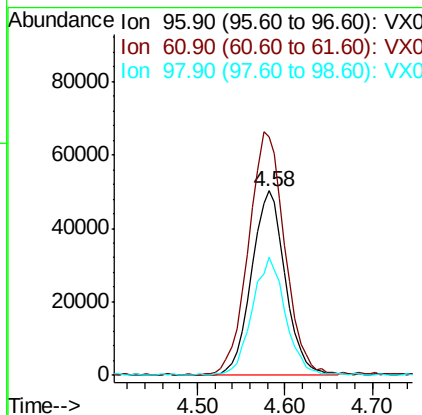
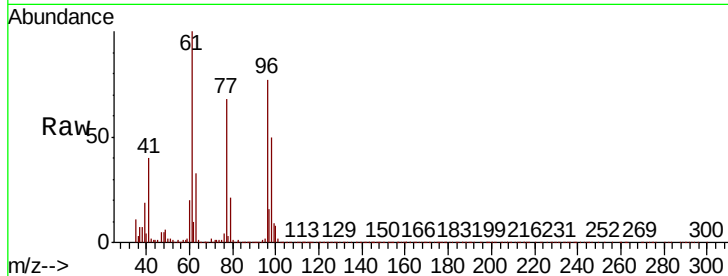


#27

cis-1,2-Dichloroethene
Concen: 19.903 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

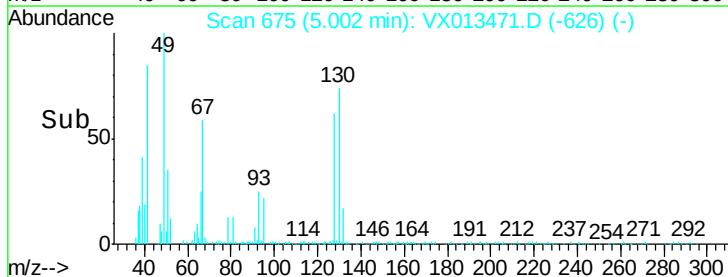
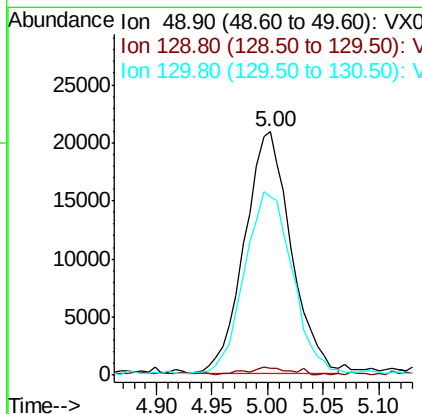
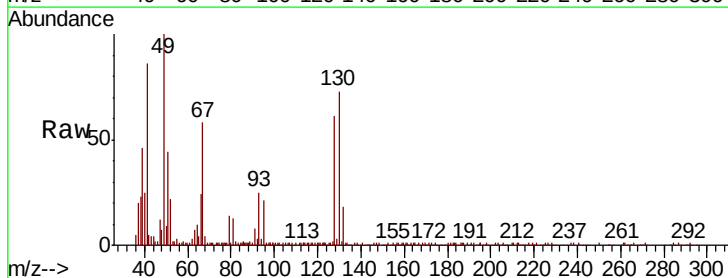
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	288.0
98	63.6	0.0	129.6

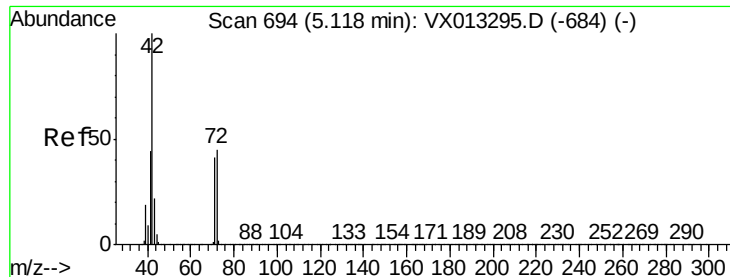


#28

Bromochloromethane
Concen: 19.671 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	78.4	63.8	95.6





#29

Tetrahydrofuran

Concen: 99.422 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

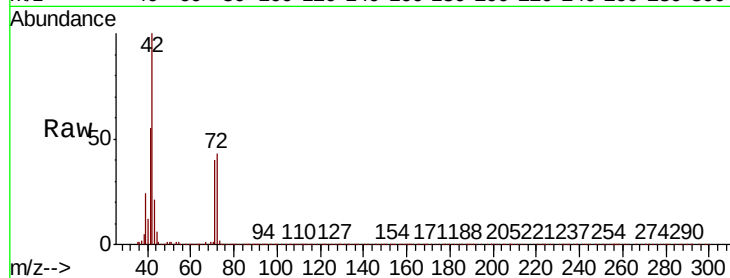
Tot Ion: 42 Resp: 318208

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

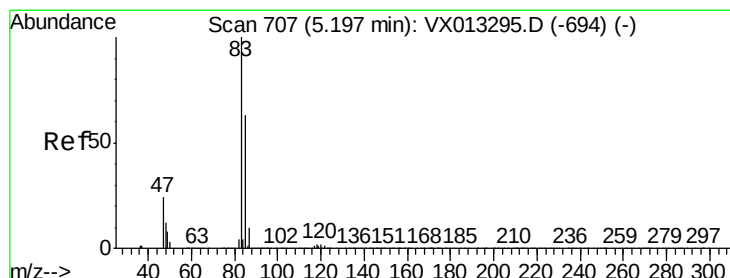
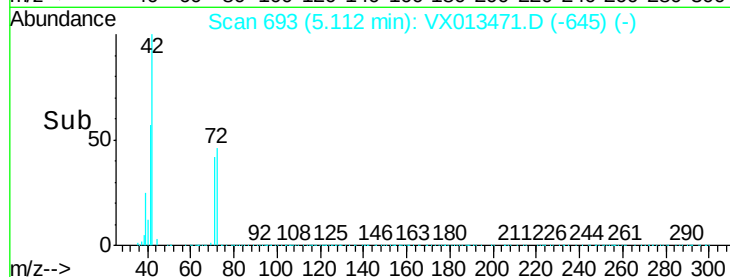
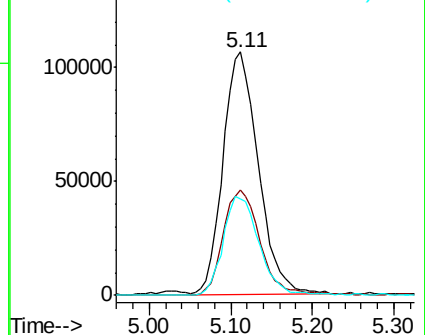
71 41.0 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.717 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013471.D

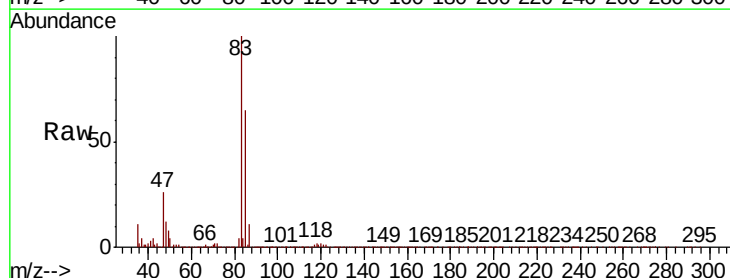
Acq: 20 Nov 2019 11:36

Tgt Ion: 83 Resp: 209965

Ion Ratio Lower Upper

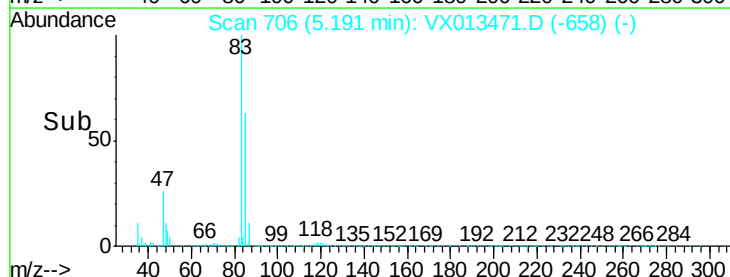
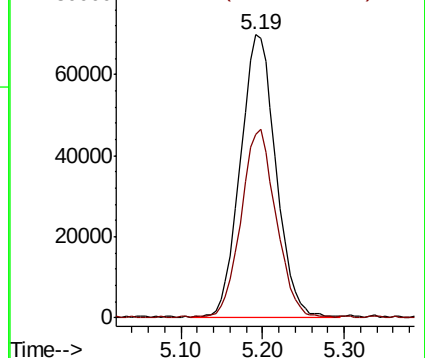
83 100

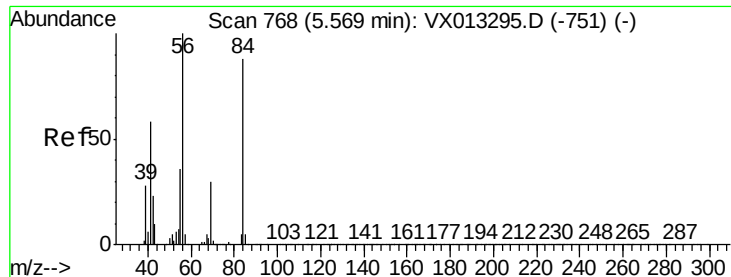
85 64.7 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

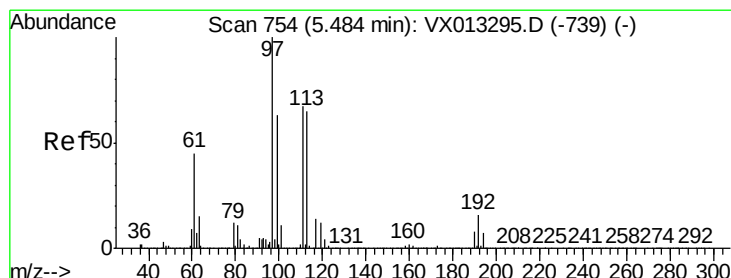
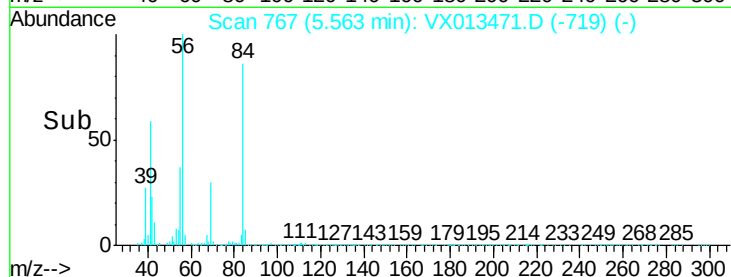
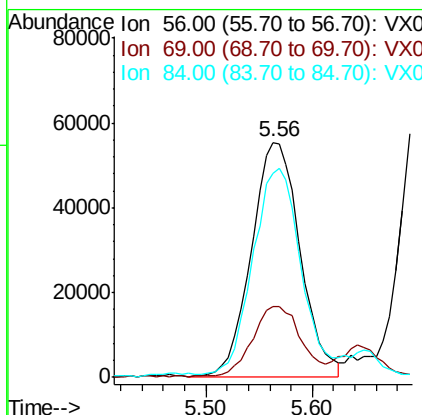
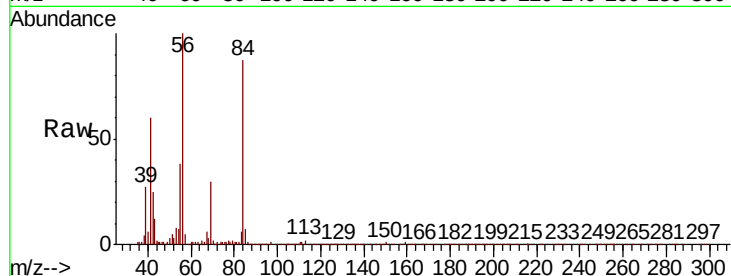




#31
Cyclohexane
Concen: 18.275 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

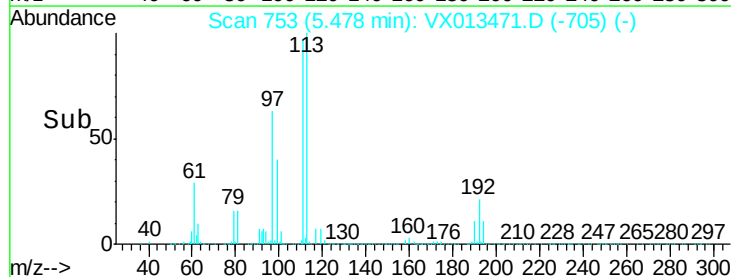
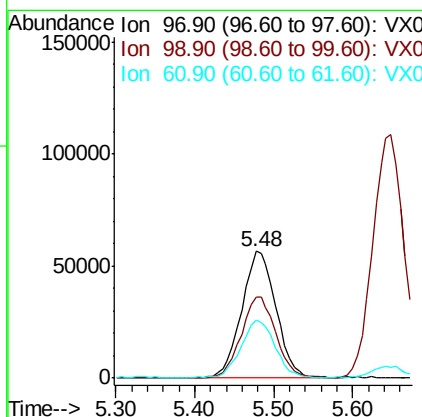
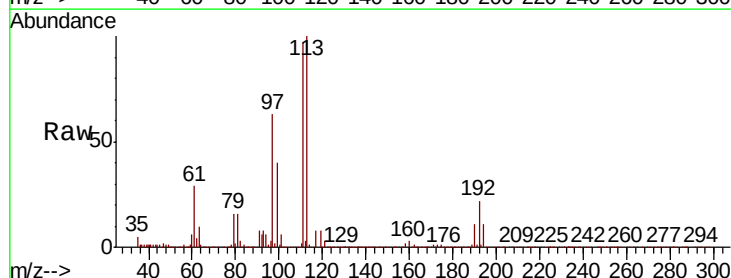
Instrument :
MSVOA_X
ClientSampleId :

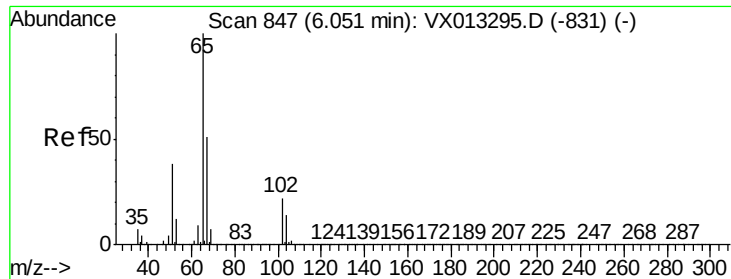
Tot Ion: 56 Resp: 177339
Ion Ratio Lower Upper
56 100
69 29.7 23.7 35.5
84 84.6 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 18.767 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 97 Resp: 171988
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 44.7 36.5 54.7

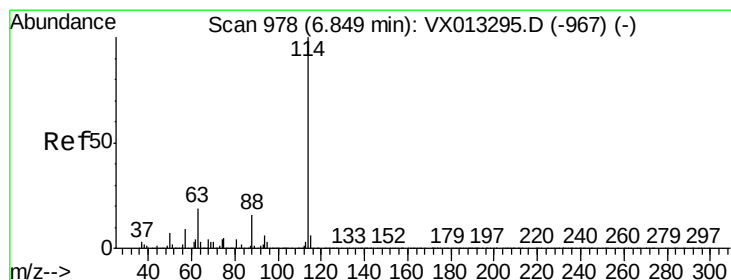
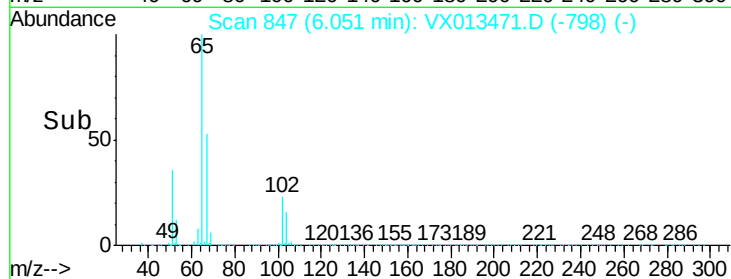
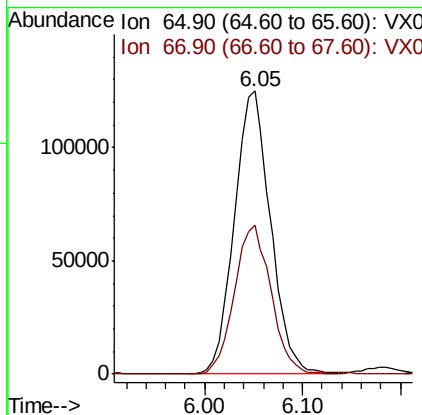
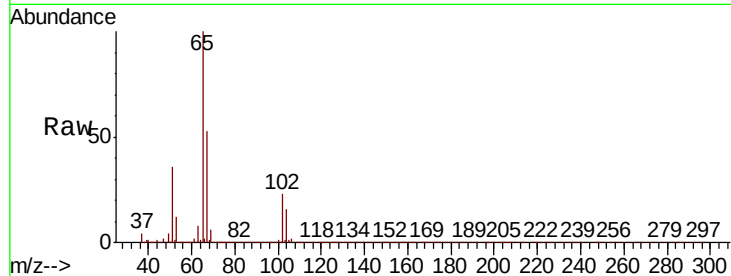




#33
 1,2-Dichloroethane-d4
 Concen: 45.078 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

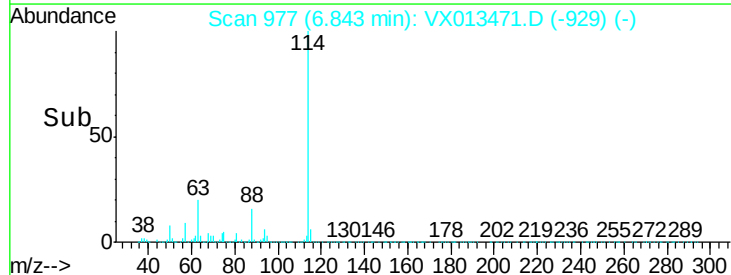
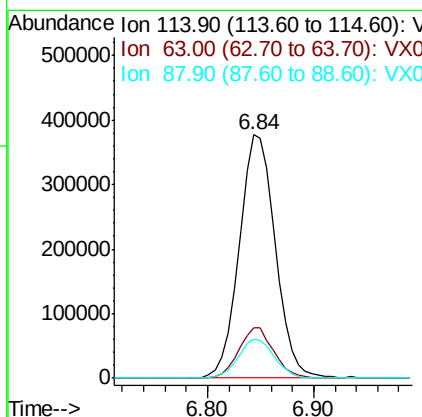
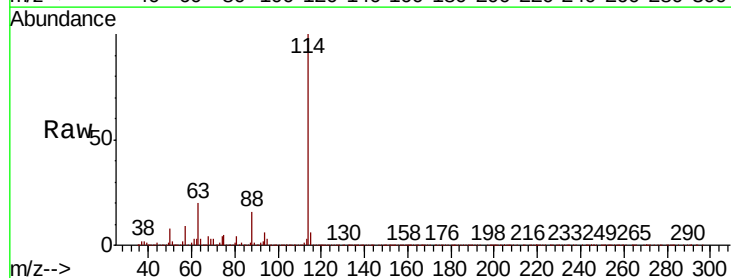
Instrument :
 MSVOA_X
 ClientSampleId :

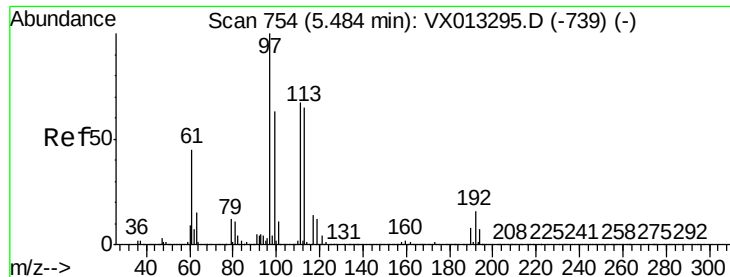
Tot Ion: 65 Resp: 319958
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion: 114 Resp: 895333
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.4
 88 15.9 0.0 32.2

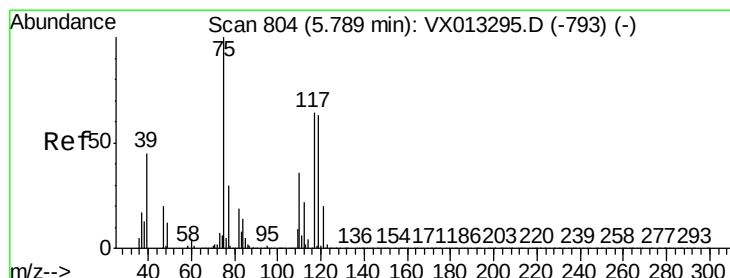
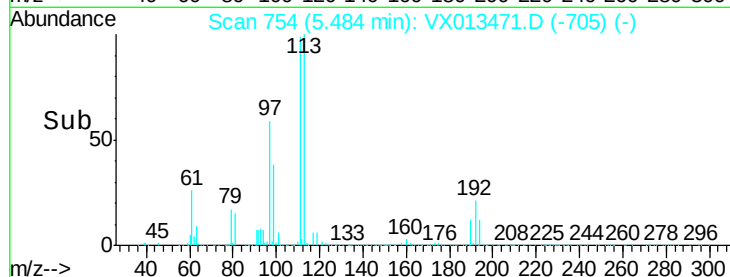
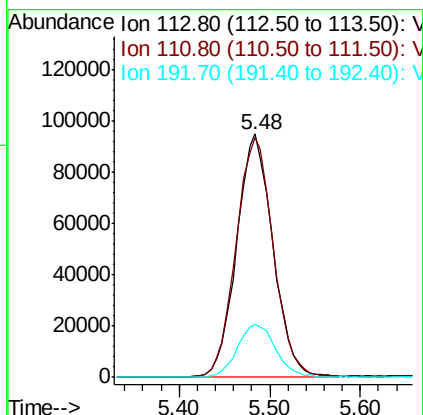
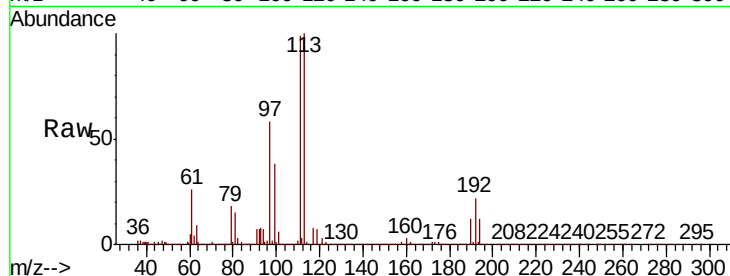




#35
 Dibromofluoromethane
 Concen: 46.645 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

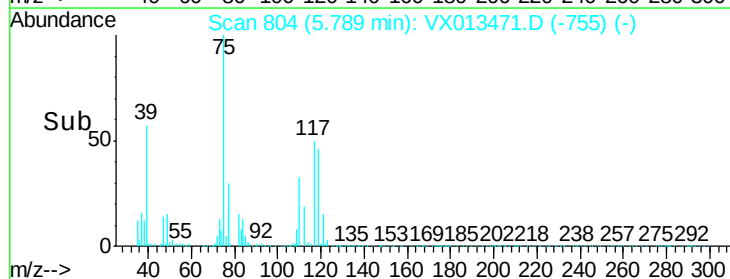
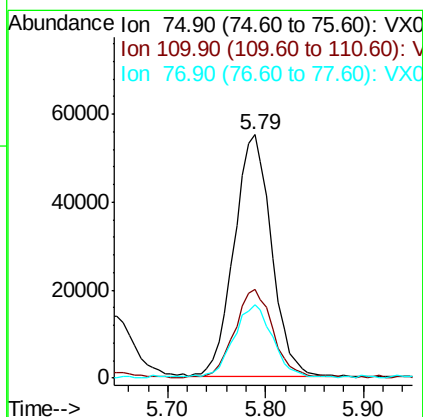
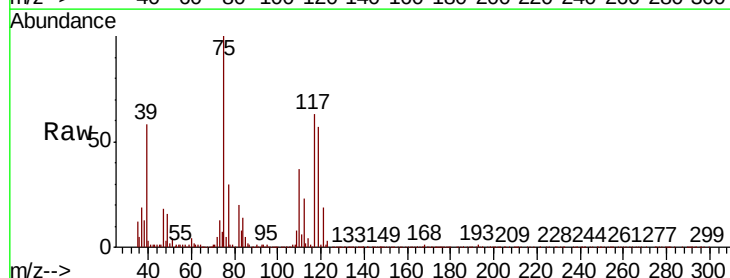
Instrument :
 MSVOA_X
 ClientSampled :

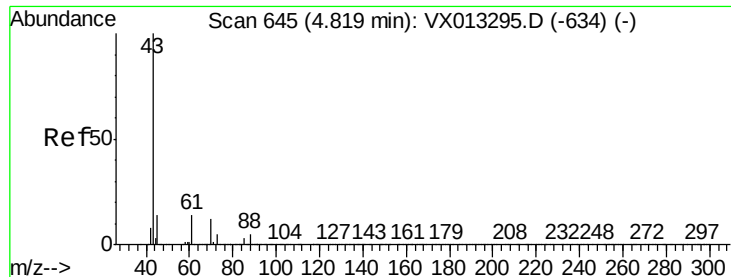
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	22.7	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 19.021 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.1	54.1
77	30.4	25.0	37.4

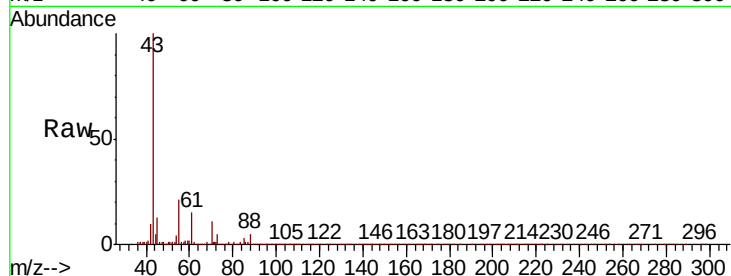




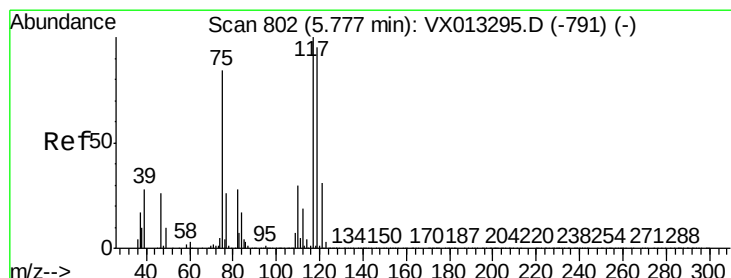
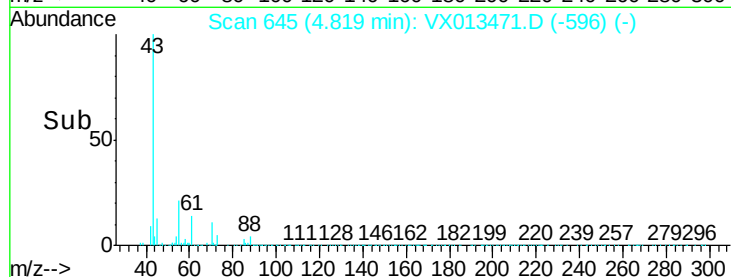
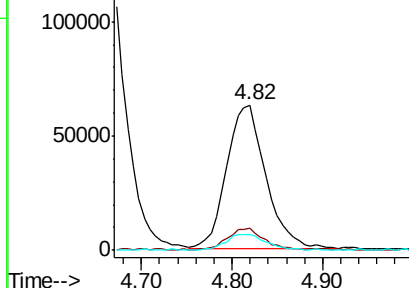
#37
Ethyl Acetate
Concen: 19.787 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 187801
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 11.1 8.7 13.1

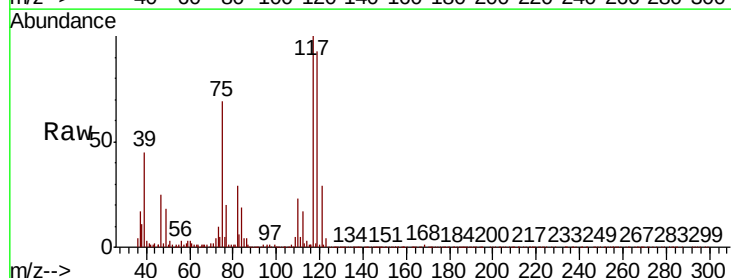


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

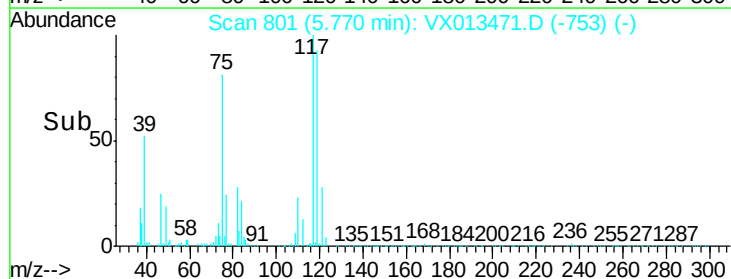
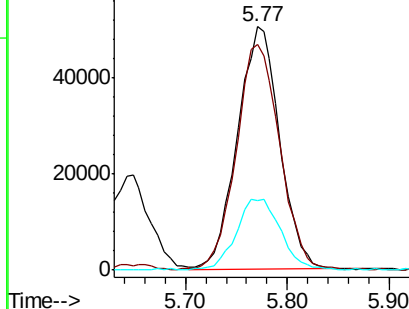


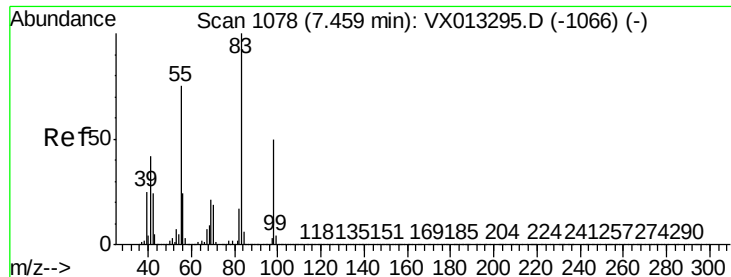
#38
Carbon Tetrachloride
Concen: 19.254 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 117 Resp: 144614
Ion Ratio Lower Upper
117 100
119 92.9 76.1 114.1
121 28.4 24.6 37.0



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

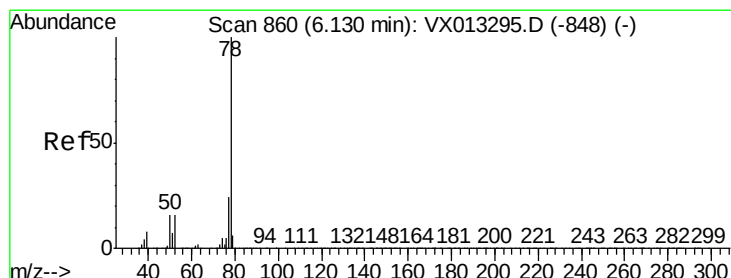
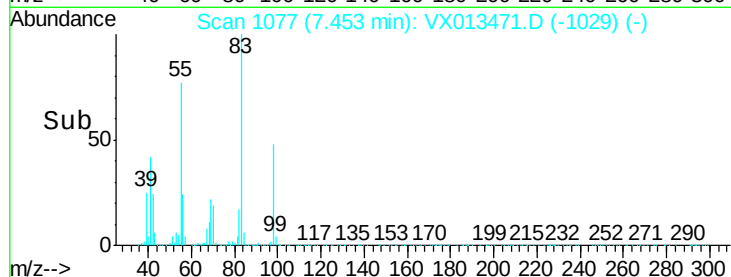
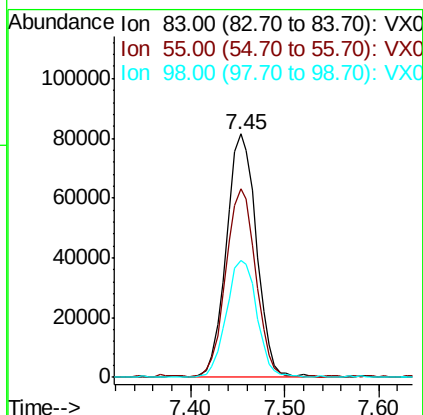
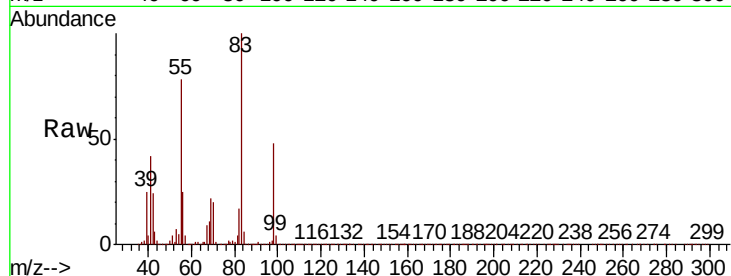




#39
Methylvlcyclohexane
Concen: 18.920 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

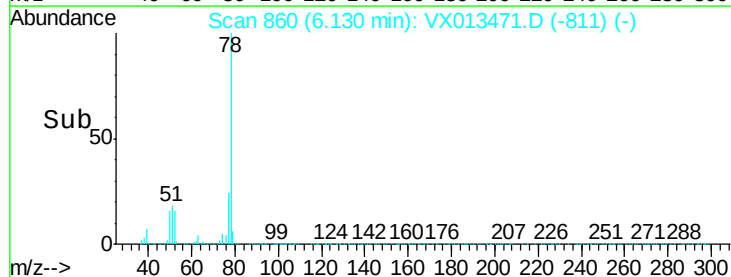
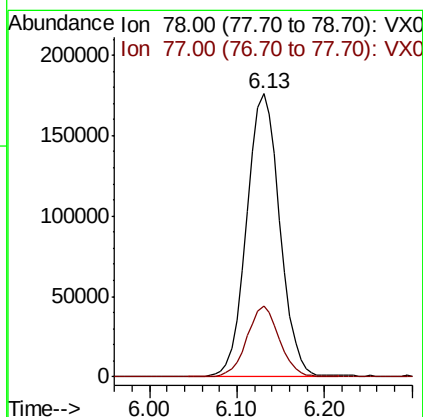
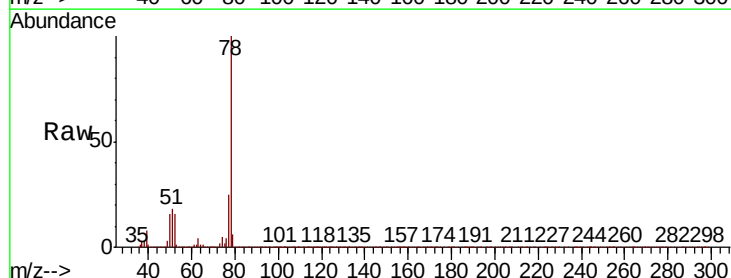
Instrument :
MSVOA_X
ClientSampled :

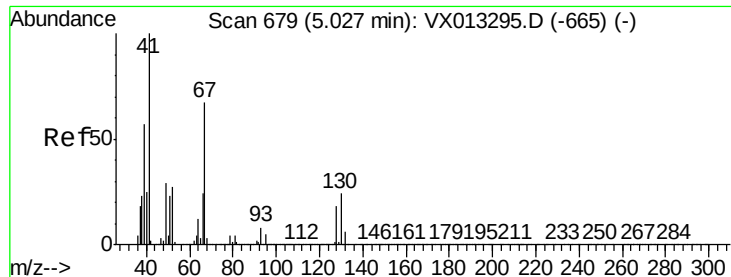
Tot Ion	83.00	Resp	181070
Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.3	90.5
98	47.6	40.3	60.5



#40
Benzene
Concen: 19.363 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion	78.00	Resp	463265
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.5	29.3

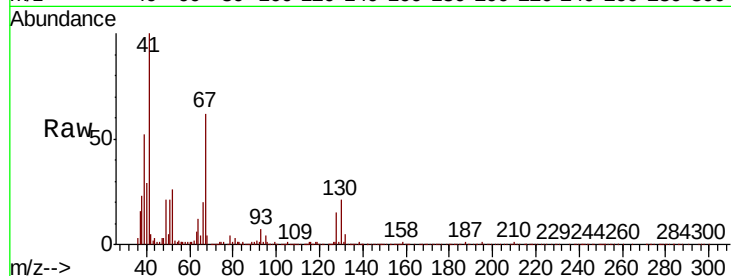




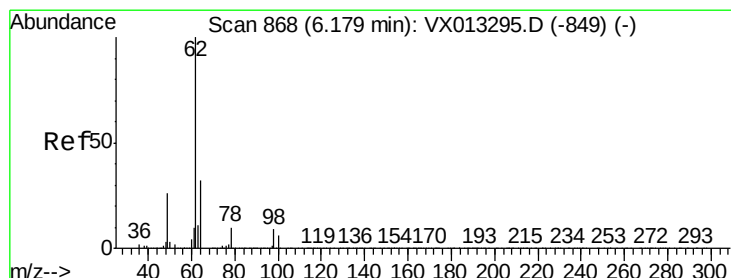
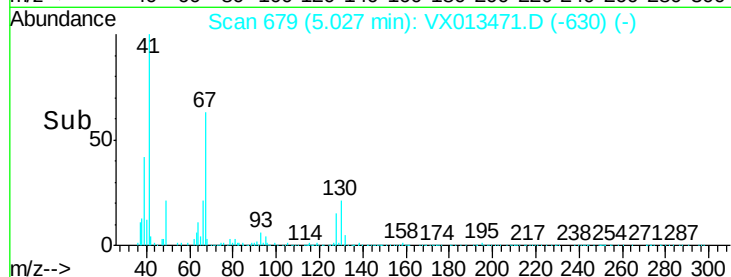
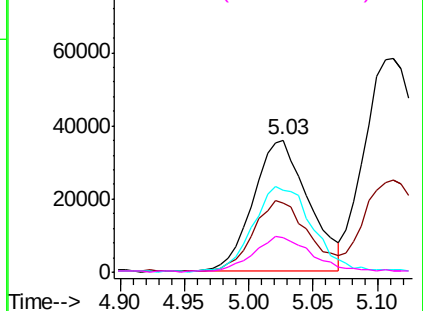
#41
Methacrylonitrile
Concen: 20.011 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	106452
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.0	67.6
67	70.0	55.4	83.2
52	27.9	23.1	34.7

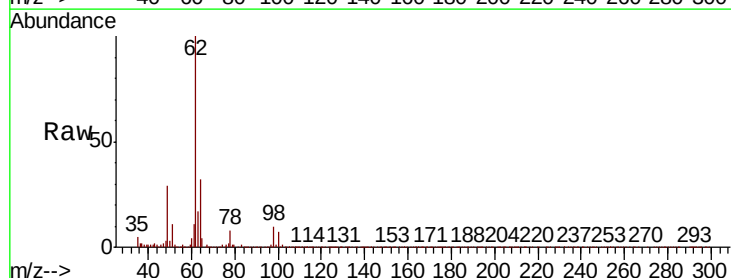


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

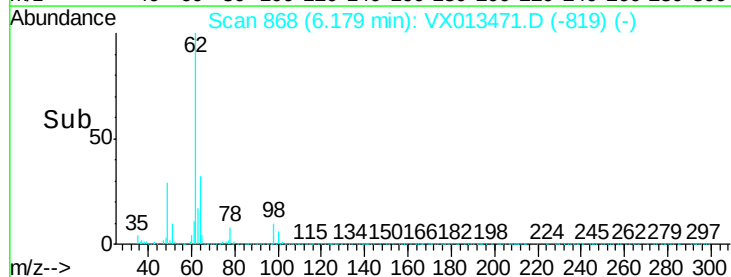
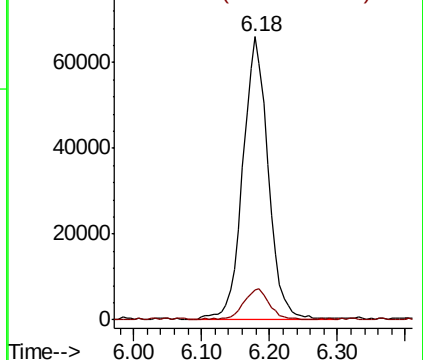


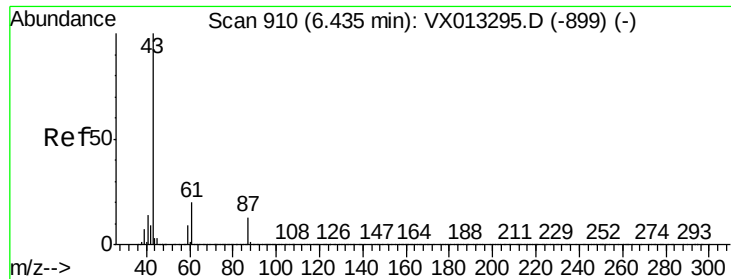
#42
1,2-Dichloroethane
Concen: 19.972 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion:	62	Resp:	172362
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.566 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

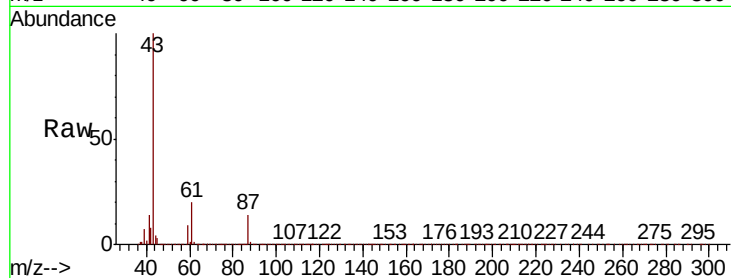
Tot Ion: 43 Resp: 303943

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

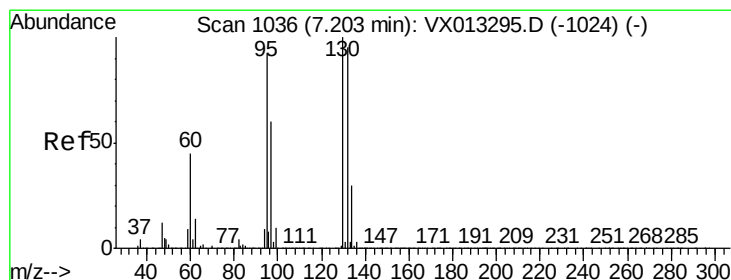
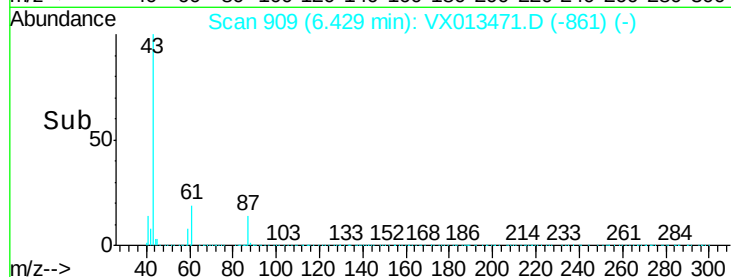
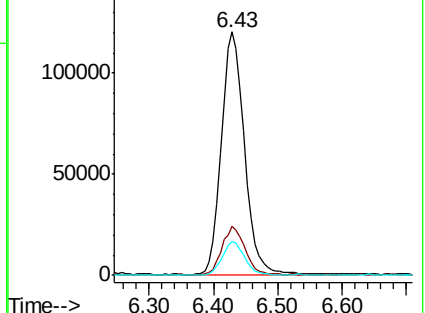
87 13.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.840 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013471.D

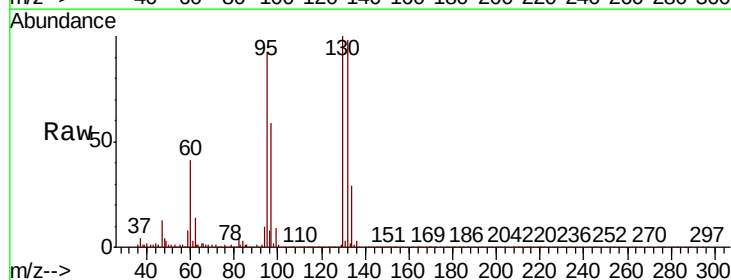
Acq: 20 Nov 2019 11:36

Tgt Ion:130 Resp: 124081

Ion Ratio Lower Upper

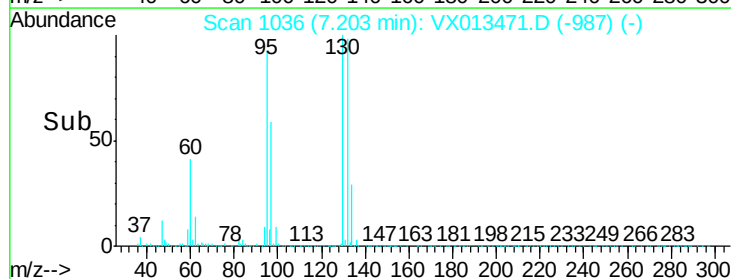
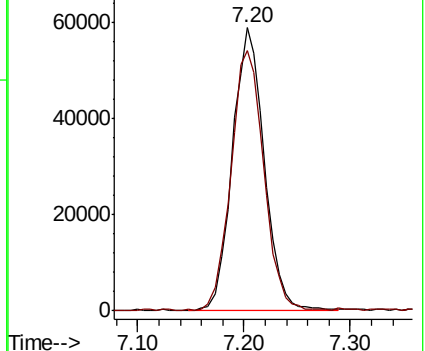
130 100

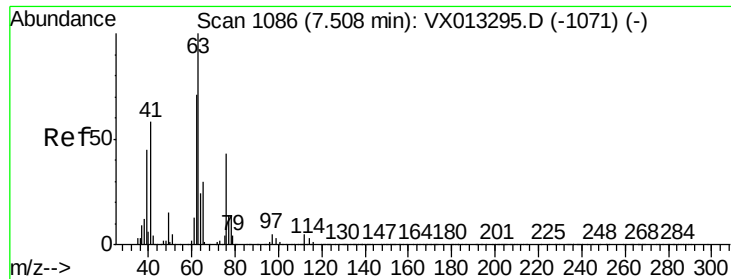
95 91.5 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

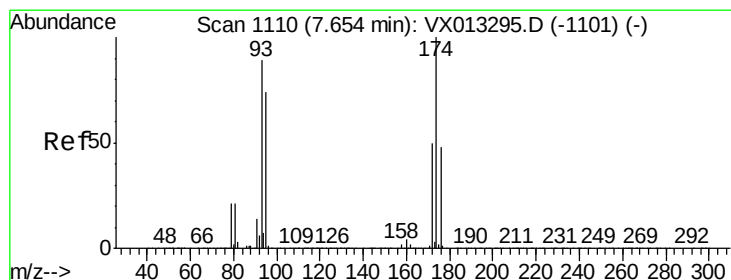
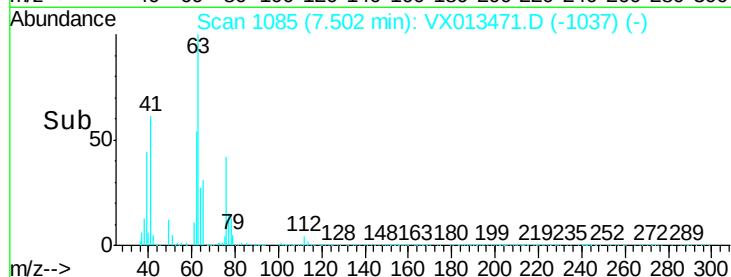
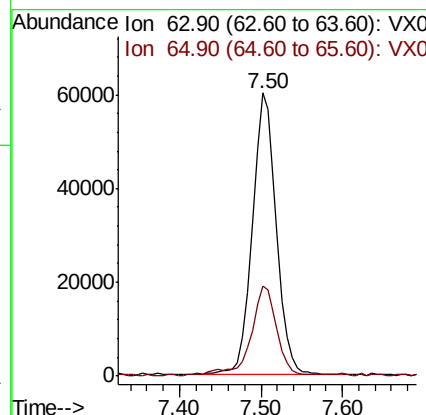
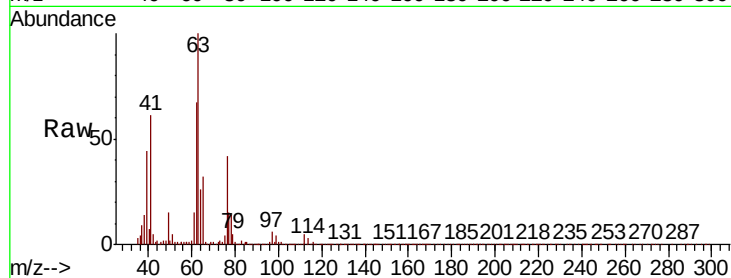




#45
 1,2-Dichloropropane
 Concen: 20.149 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

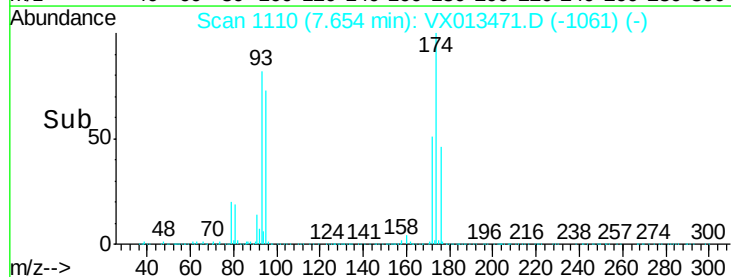
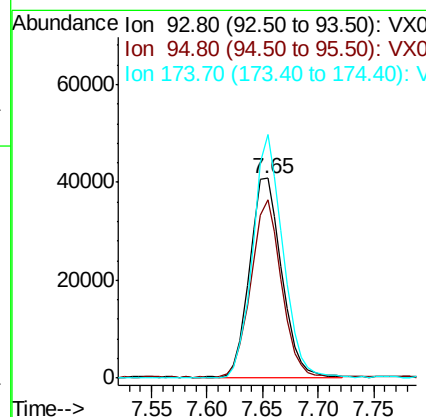
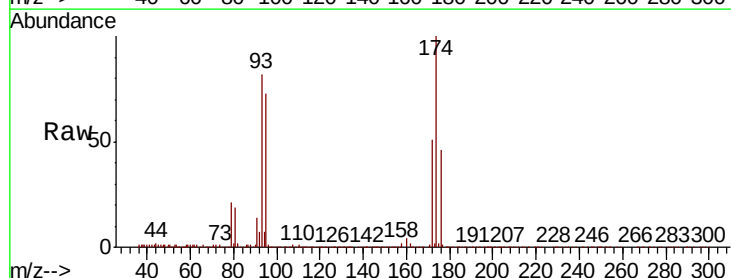
Instrument :
 MSVOA_X
 ClientSampleId :

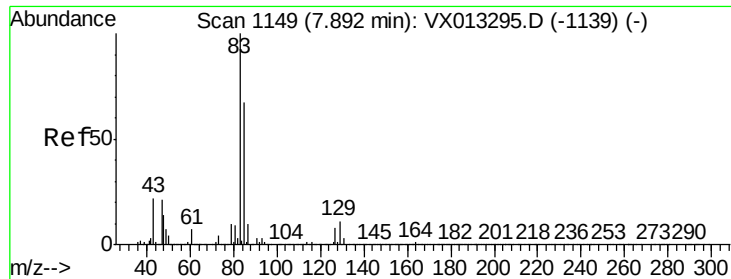
Tot Ion: 63 Resp: 122833
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.3 36.5



#46
 Dibromomethane
 Concen: 19.635 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion: 93 Resp: 81727
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.8 98.6
 174 115.3 90.4 135.6





#47

Bromodichloromethane

Concen: 20.522 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampled :

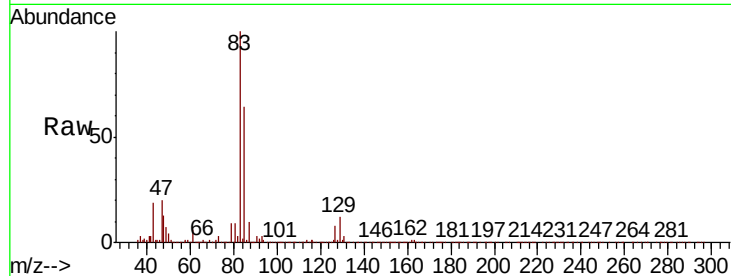
Tot Ion: 83 Resp: 161074

Ion Ratio Lower Upper

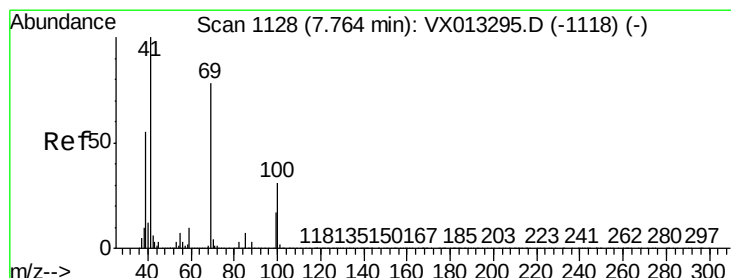
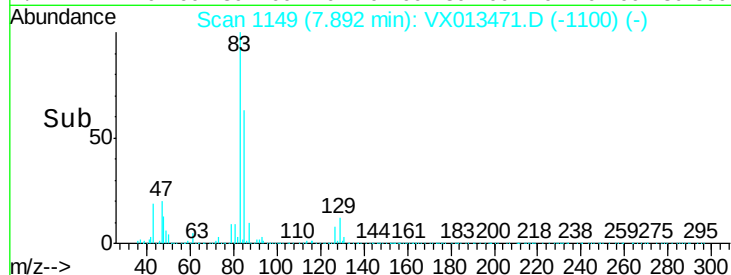
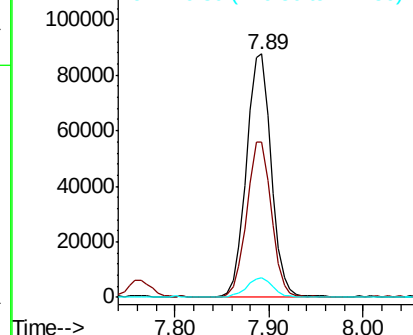
83 100

85 63.6 53.7 80.5

127 7.8 6.4 9.6



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



#48

Methyl methacrylate

Concen: 20.159 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

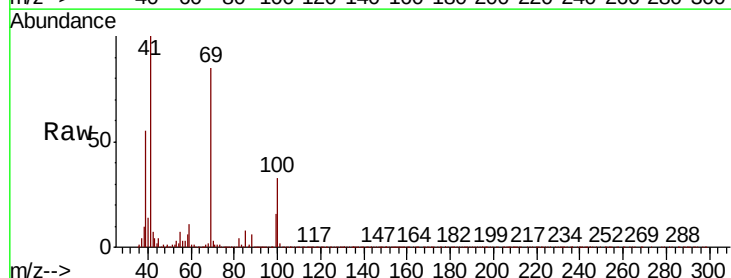
Tgt Ion: 41 Resp: 148719

Ion Ratio Lower Upper

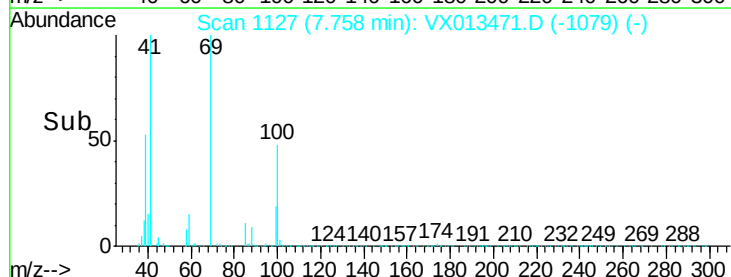
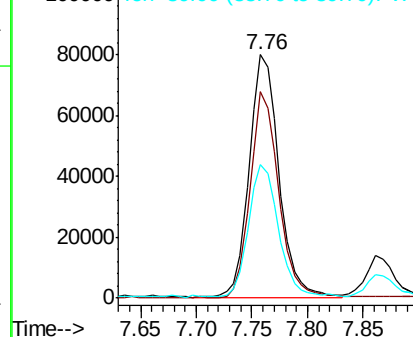
41 100

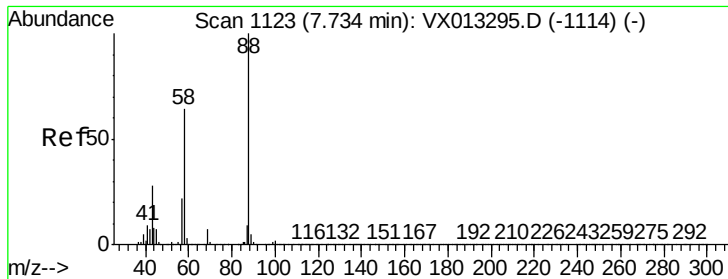
69 80.9 63.0 94.6

39 54.9 45.9 68.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 398.744 ug/l

RT: 7.73 min Scan# 1122

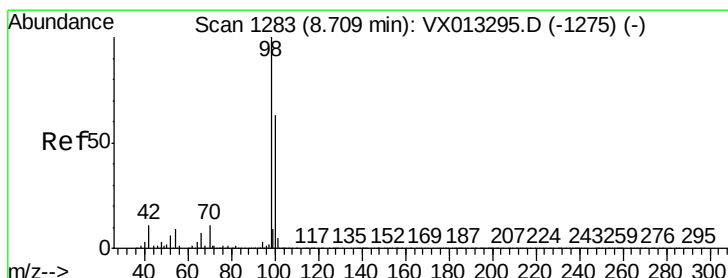
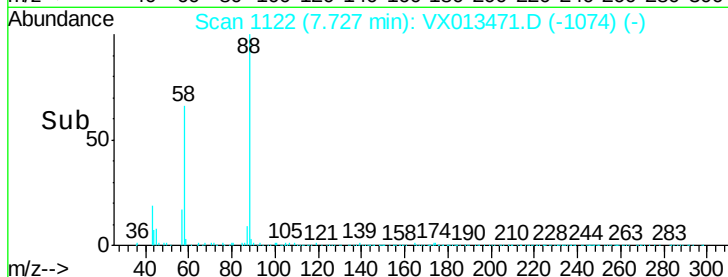
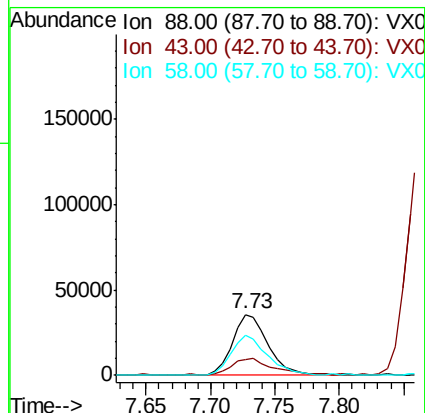
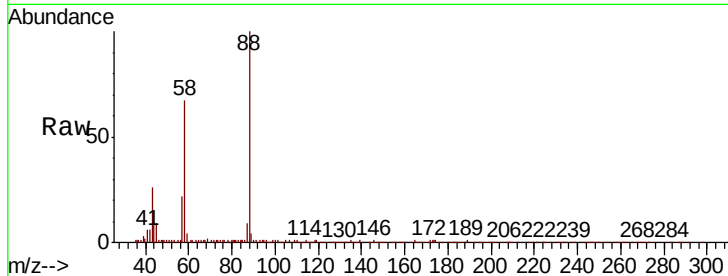
Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	67368
Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.6	39.8
58	68.0	55.0	82.6



#50

Toluene-d8

Concen: 46.453 ug/l

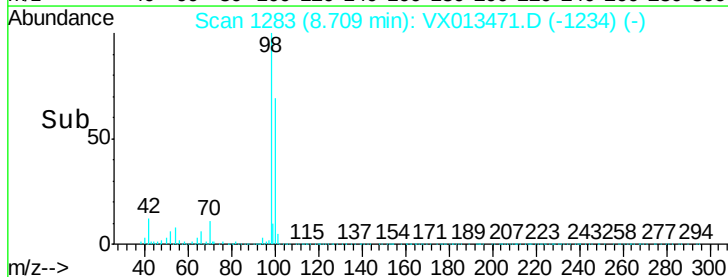
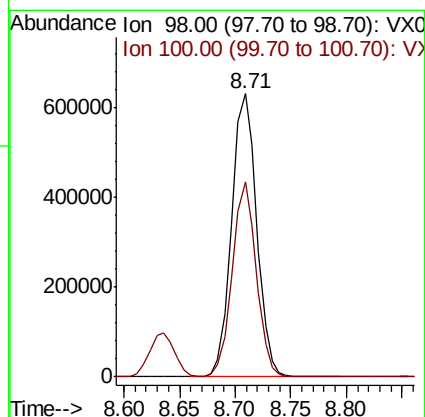
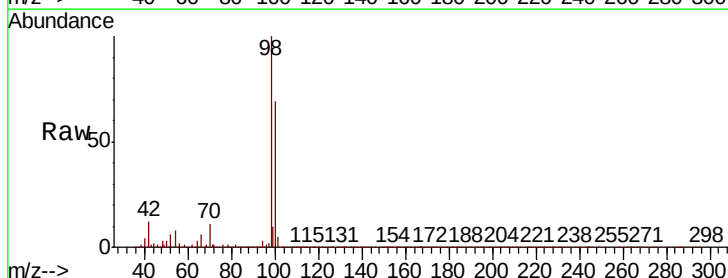
RT: 8.71 min Scan# 1283

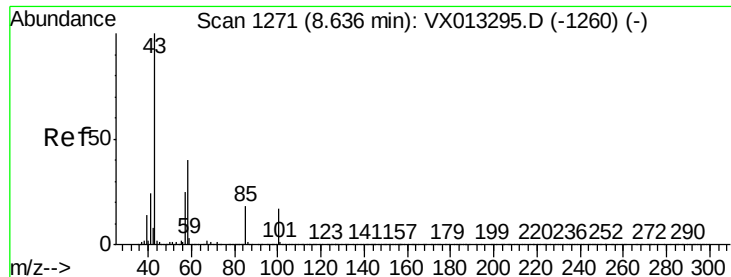
Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Tgt Ion:	98	Resp:	983427
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 100.837 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

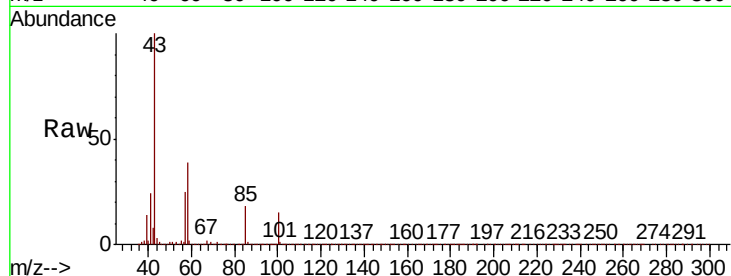
ClientSampleId :

Tot Ion: 43 Resp: 977749

Ion Ratio Lower Upper

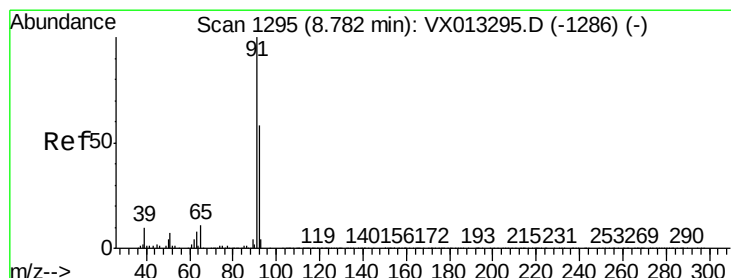
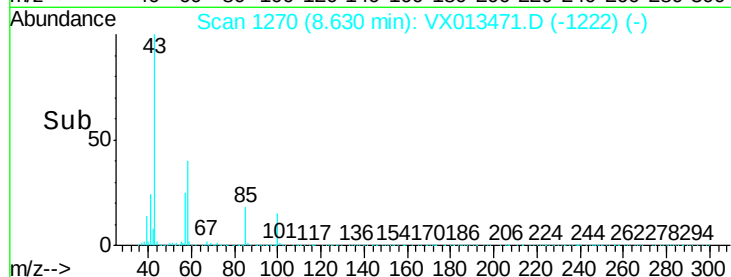
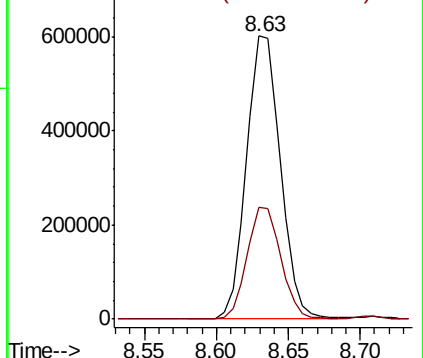
43 100

58 39.2 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.636 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013471.D

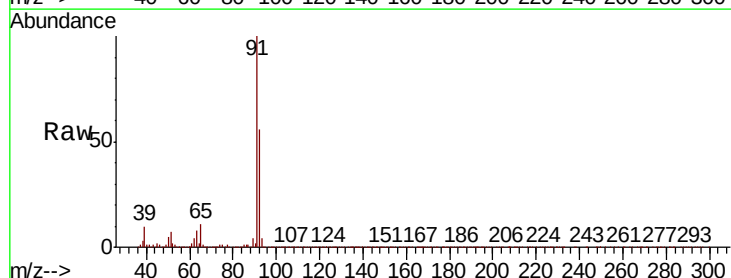
Acq: 20 Nov 2019 11:36

Tgt Ion: 92 Resp: 291175

Ion Ratio Lower Upper

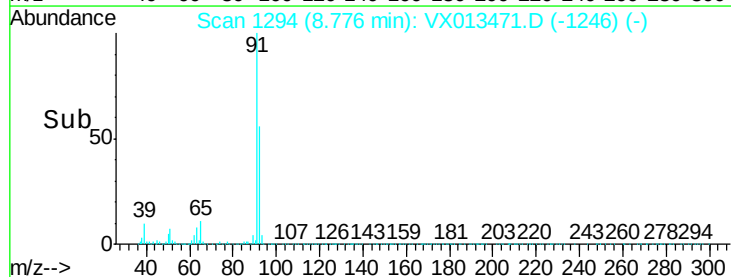
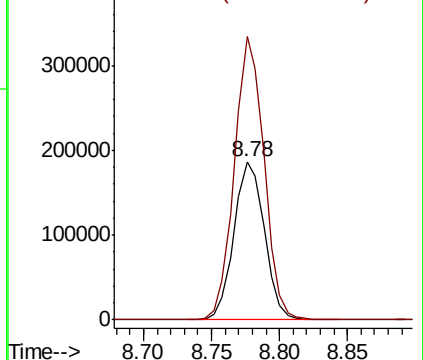
92 100

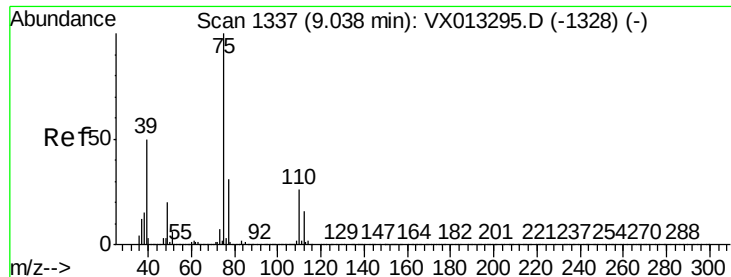
91 173.7 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.509 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

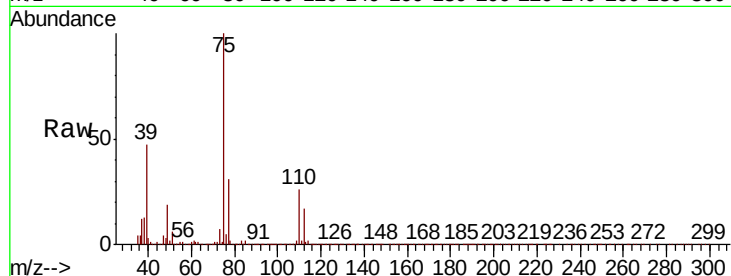
ClientSampled :

Tot Ion: 75 Resp: 176023

Ion Ratio Lower Upper

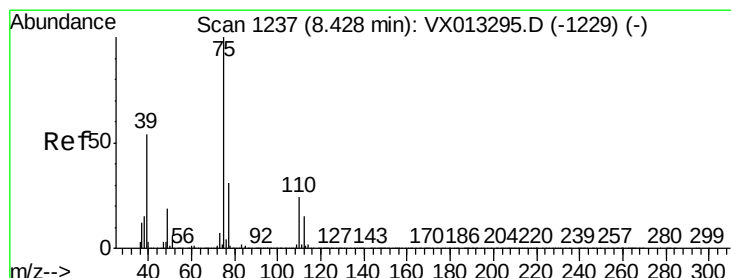
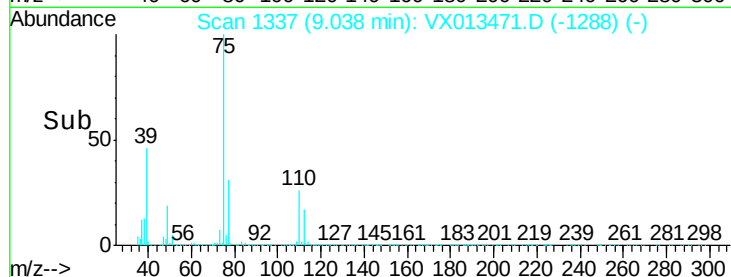
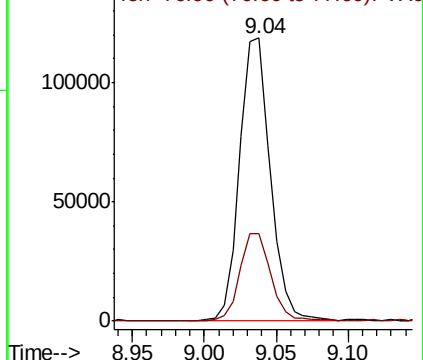
75 100

77 30.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.293 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

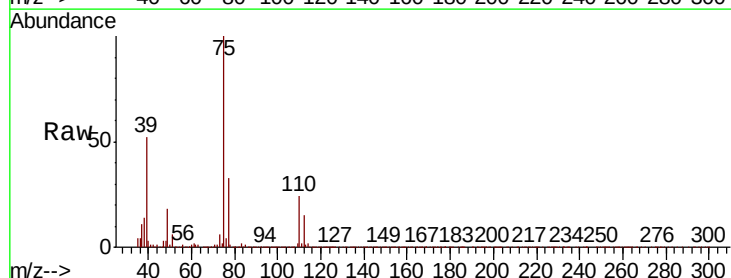
Tgt Ion: 75 Resp: 194829

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

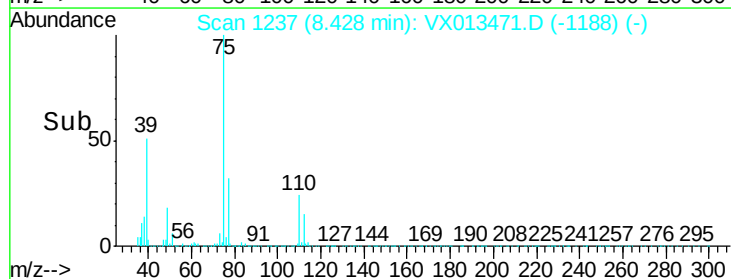
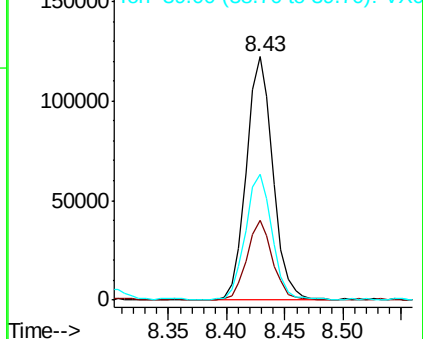
39 51.4 43.0 64.6

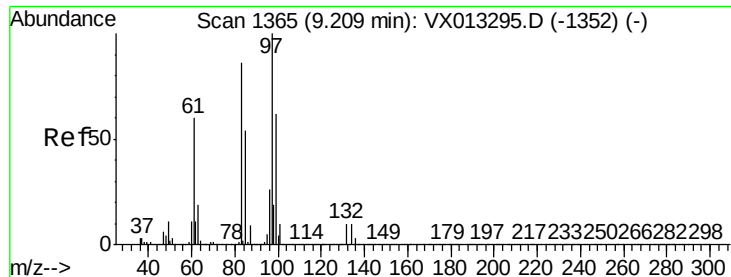


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.785 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 127751

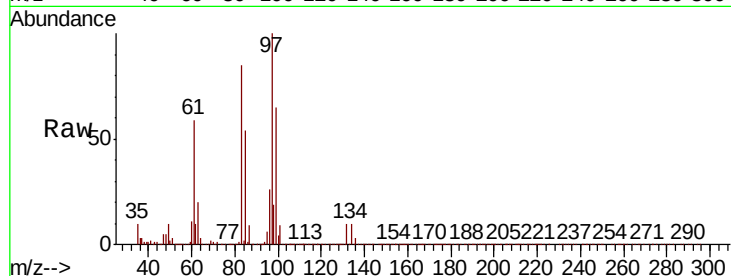
Ion Ratio Lower Upper

97 100

83 84.9 68.6 103.0

85 53.5 43.1 64.7

99 65.2 49.4 74.0



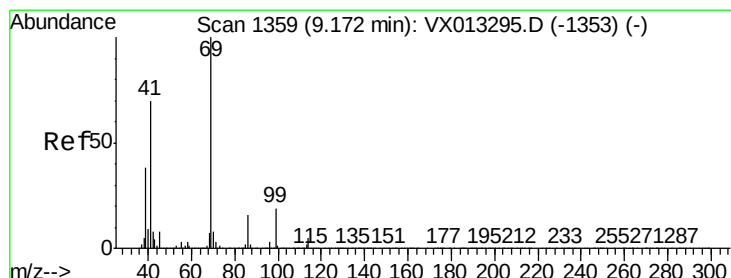
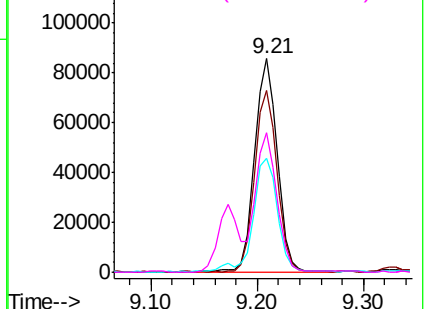
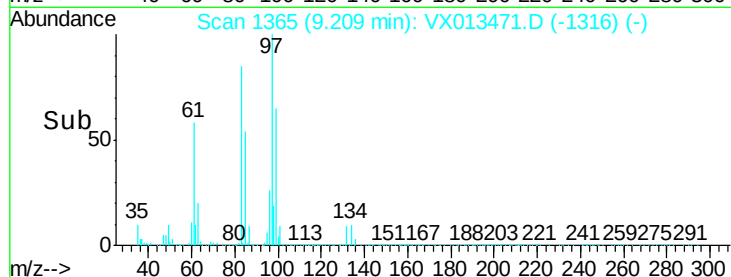
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.548 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

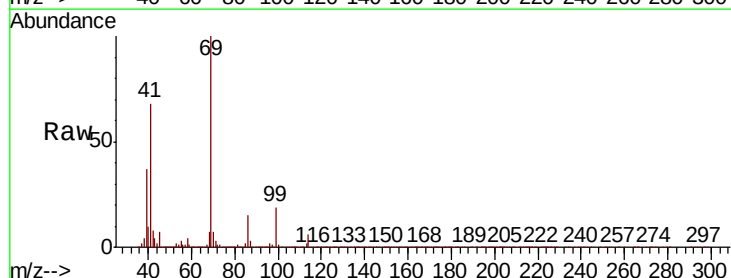
Tgt Ion: 69 Resp: 194808

Ion Ratio Lower Upper

69 100

41 70.5 56.2 84.2

39 37.9 31.1 46.7

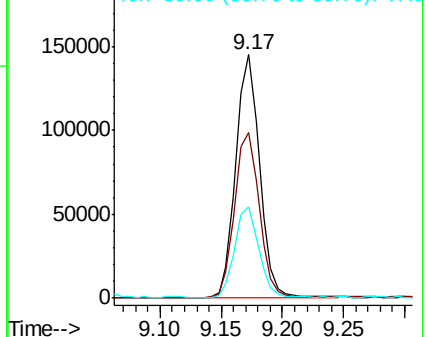
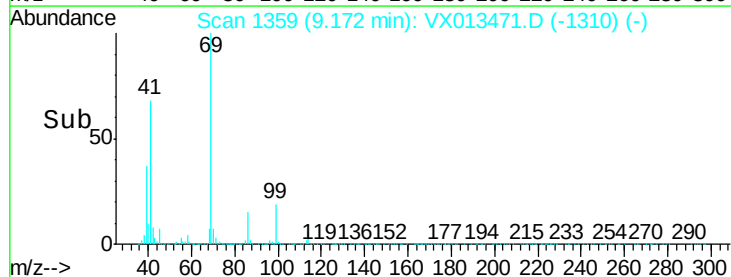


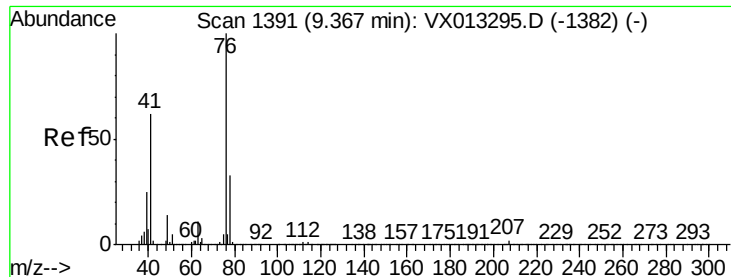
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

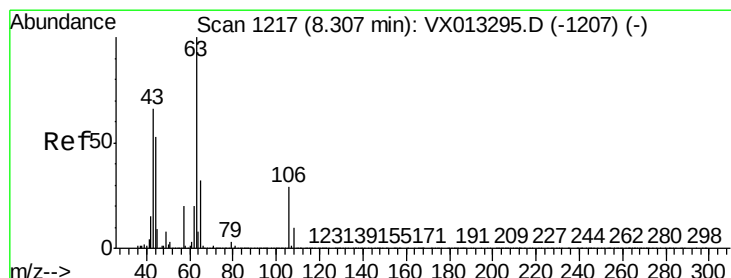
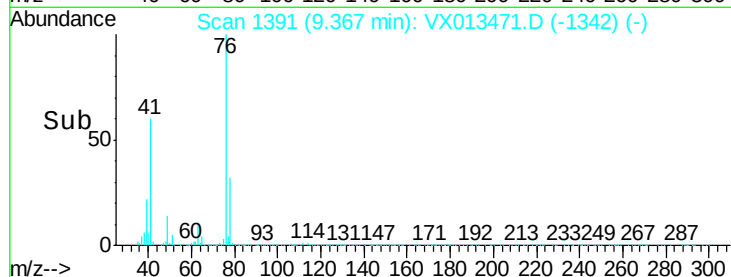
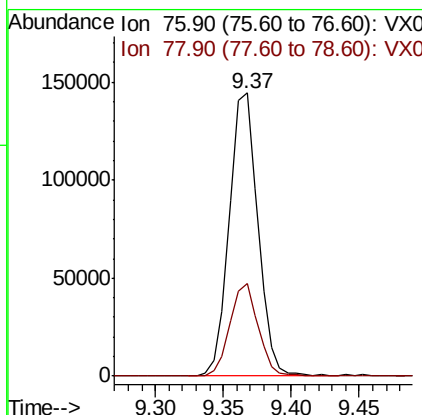
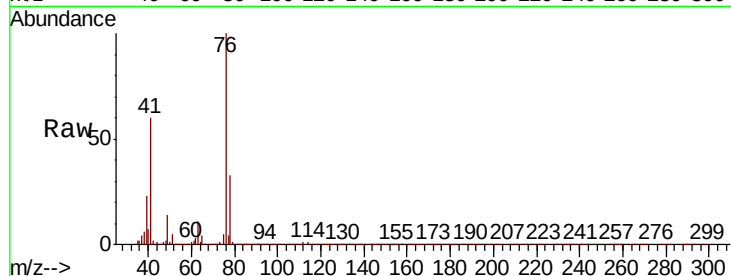




#57
 1,3-Dichloropropane
 Concen: 20.280 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

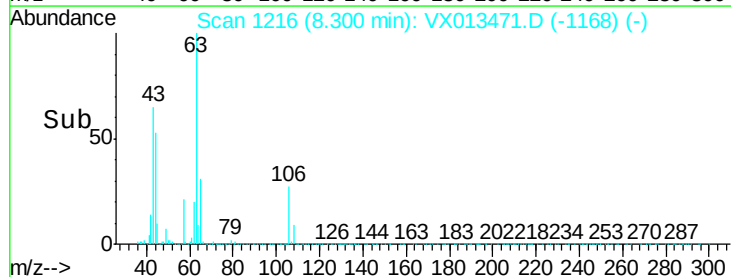
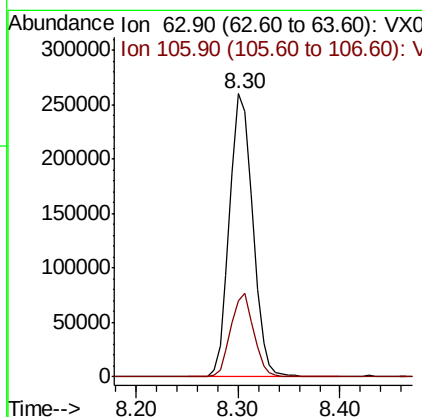
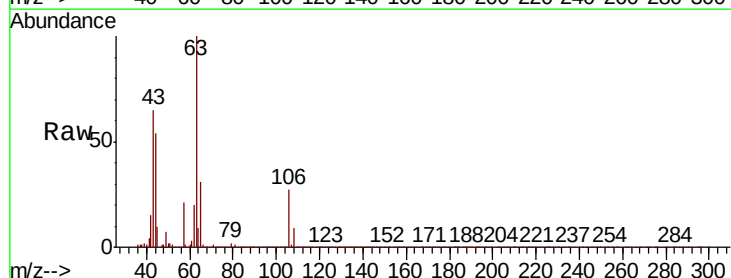
Instrument :
 MSVOA_X
 ClientSampleId :

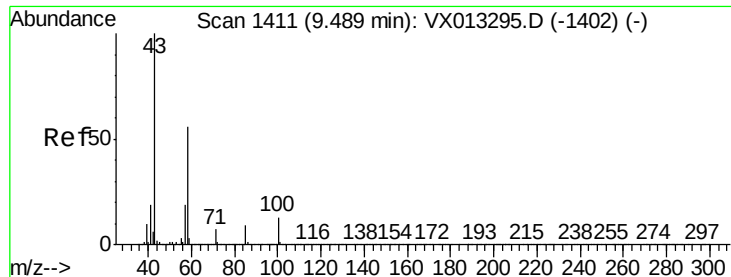
Tot Ion: 76 Resp: 211599
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.067 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion: 63 Resp: 412139
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.4 35.2

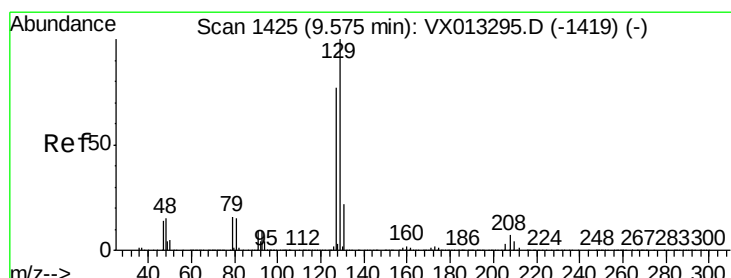
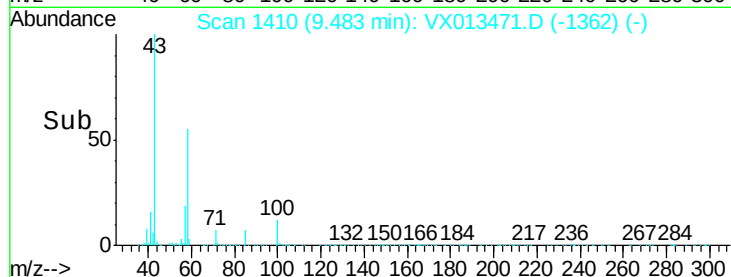
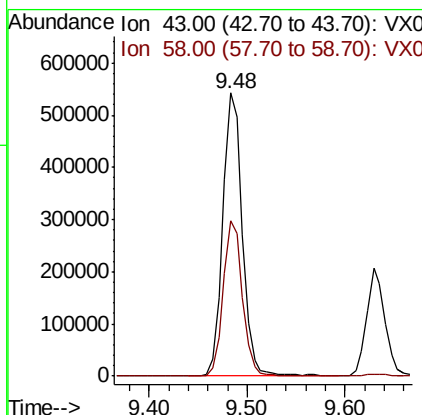
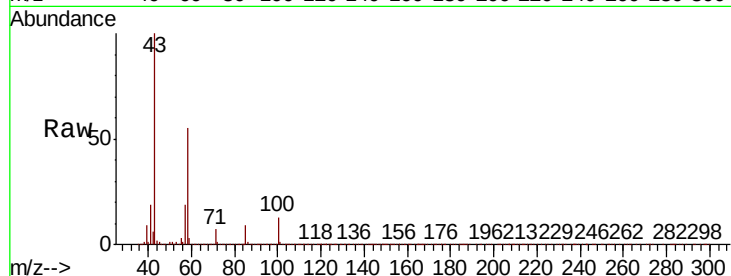




#59
2-Hexanone
Concen: 99.710 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

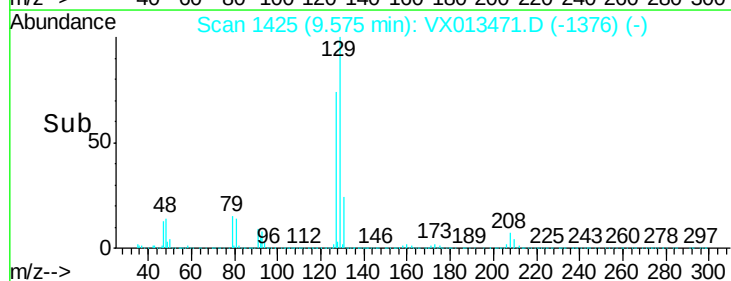
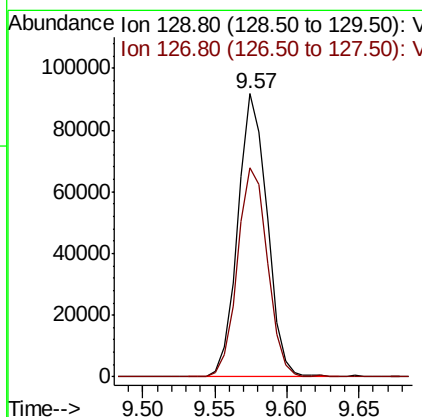
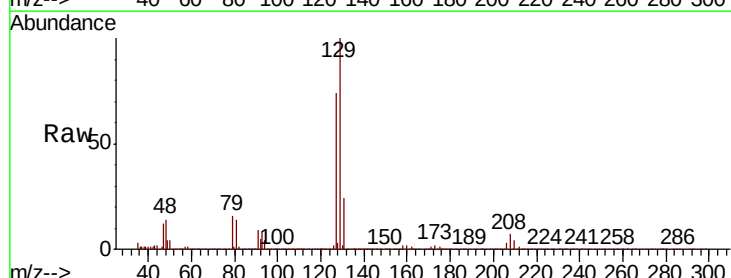
Instrument :
MSVOA_X
ClientSampleId :

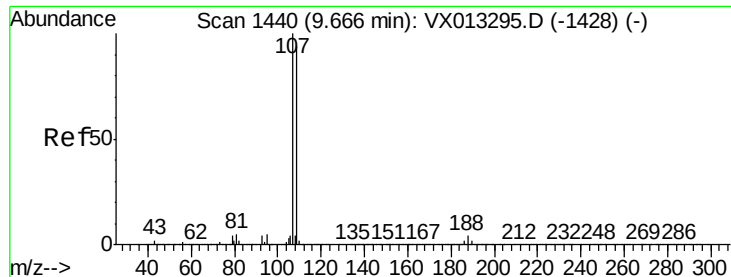
Tot Ion: 43 Resp: 747140
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 20.678 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 129 Resp: 129987
Ion Ratio Lower Upper
129 100
127 75.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.937 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

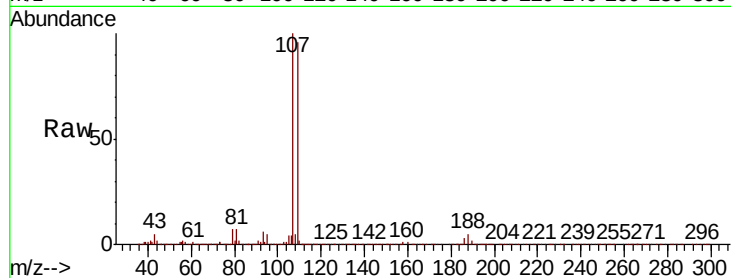
ClientSampleId :

Tot Ion:107 Resp: 130124

Ion Ratio Lower Upper

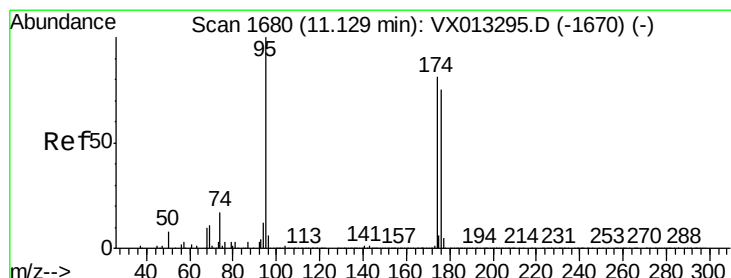
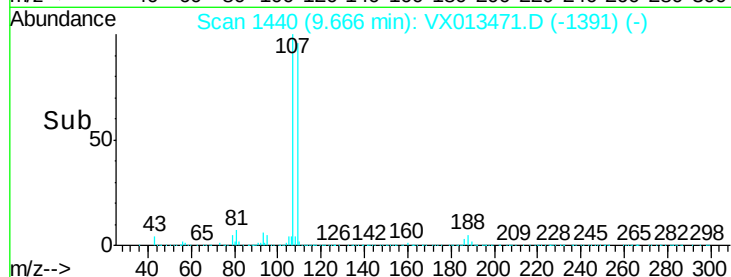
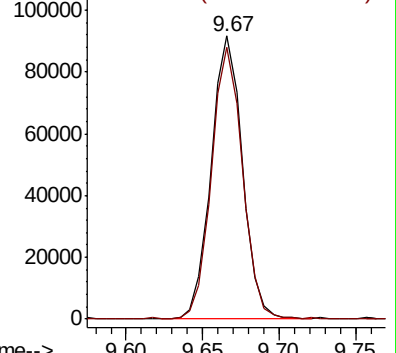
107 100

109 95.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.034 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

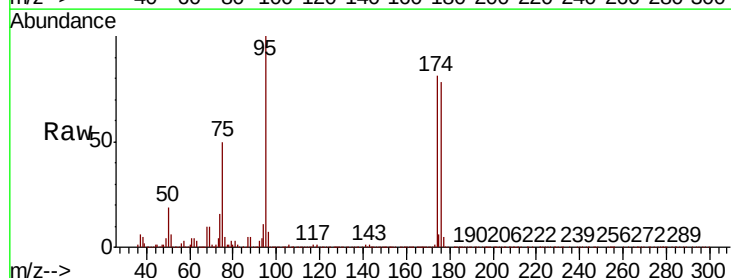
Tgt Ion: 95 Resp: 351726

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

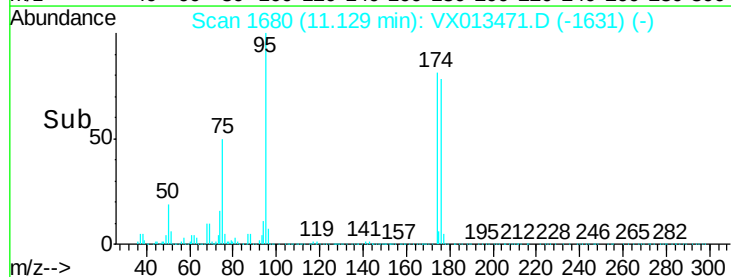
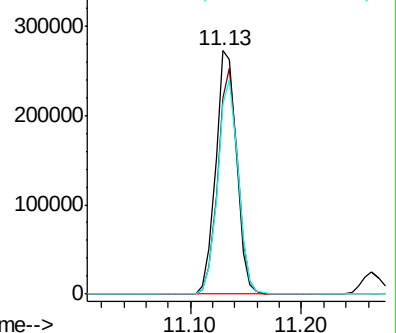
176 86.4 0.0 173.0

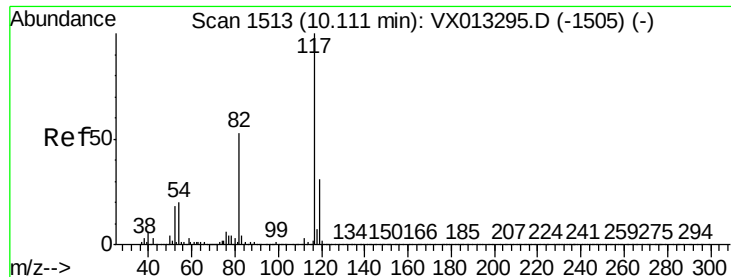


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

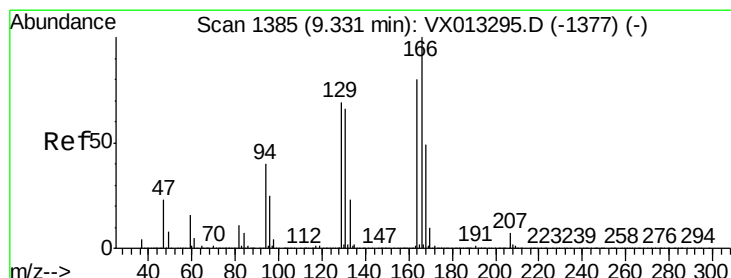
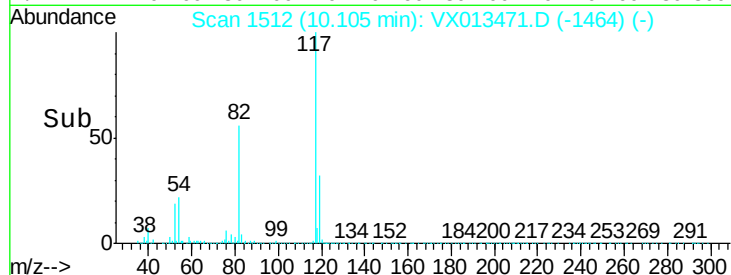
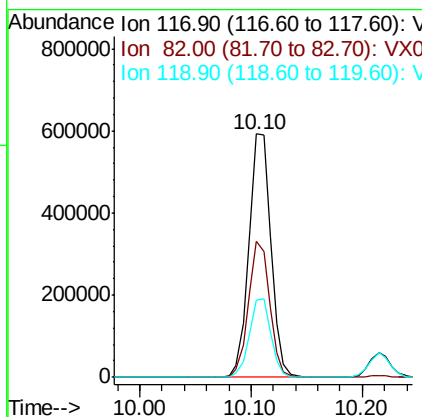
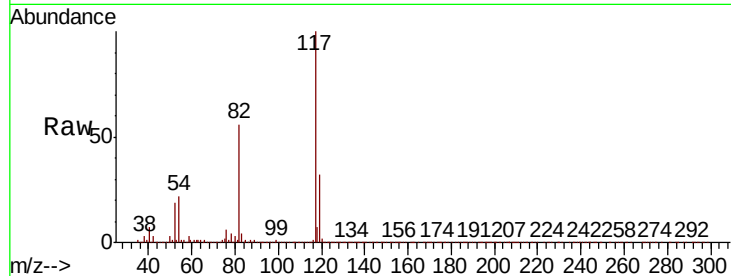




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

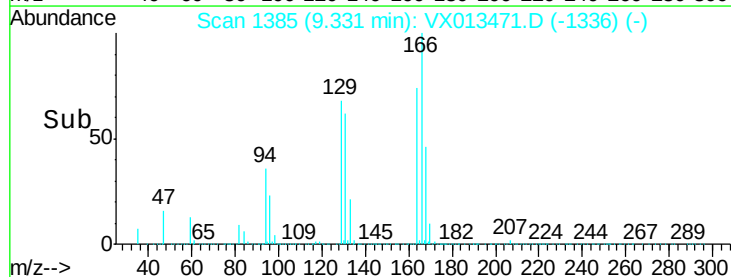
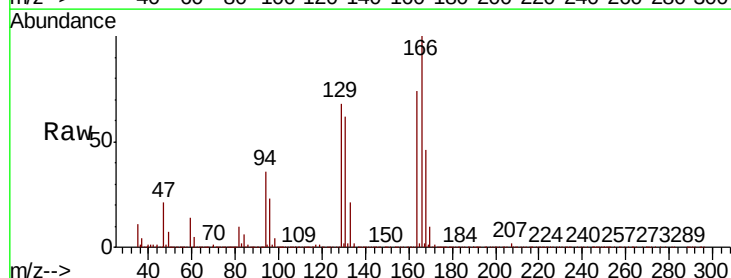
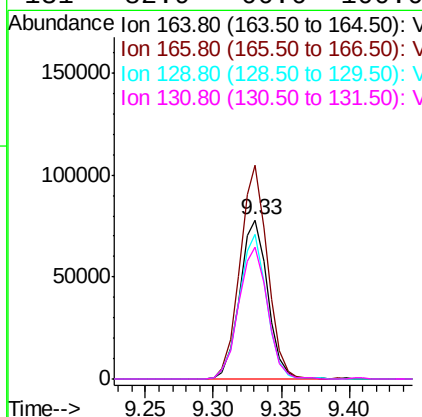
Instrument :
MSVOA_X
ClientSampleId :

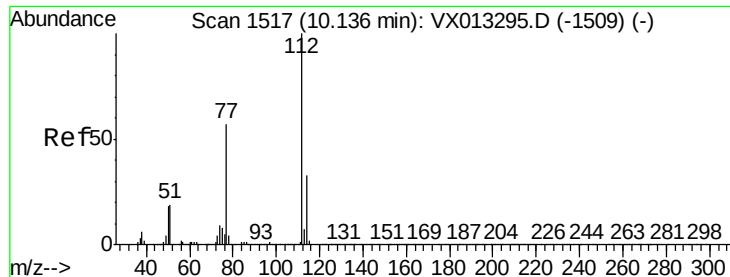
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.6	64.0
119	31.6	24.8	37.2



#64
Tetrachloroethene
Concen: 19.035 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	100.4	150.6
129	91.0	69.4	104.2
131	82.9	66.6	100.0

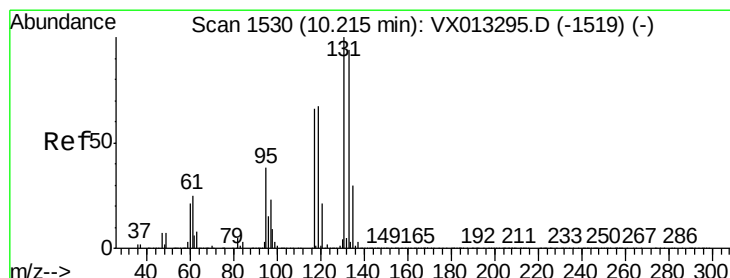
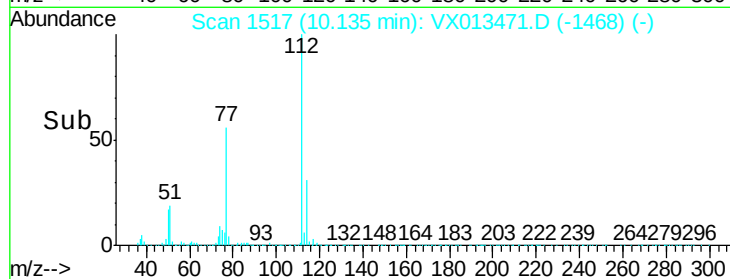
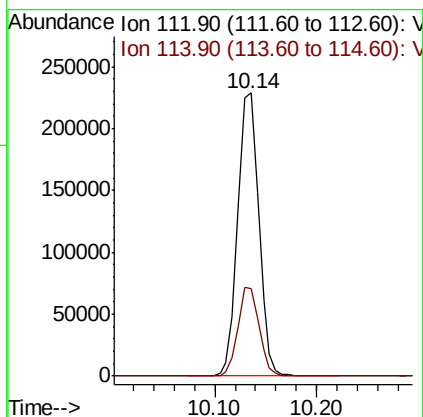
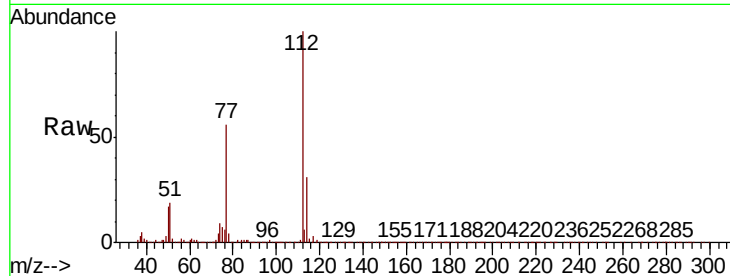




#65
Chlorobenzene
Concen: 19.763 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

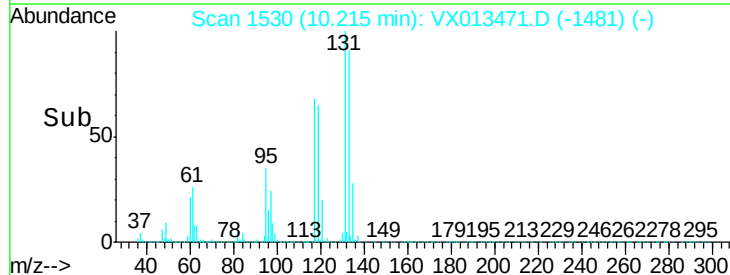
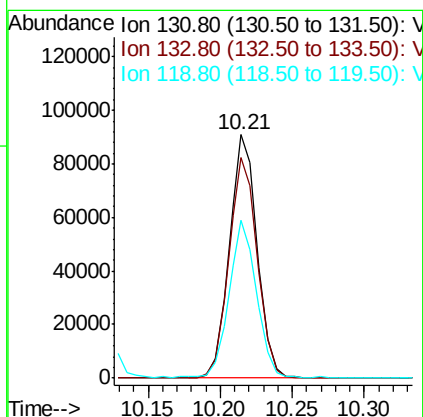
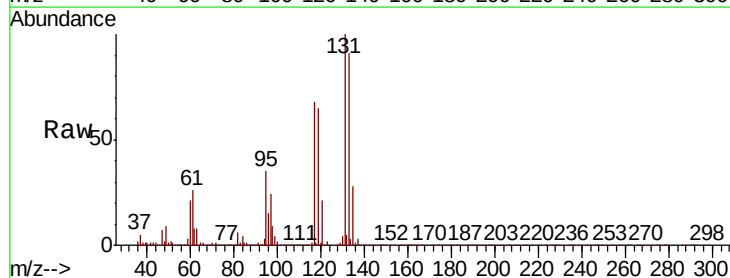
Instrument :
MSVOA_X
ClientSampled :

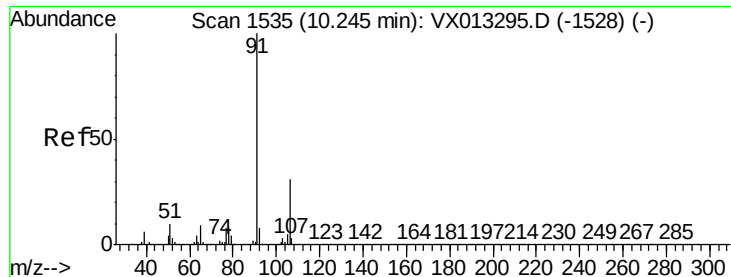
Tot Ion:112 Resp: 326145
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.135 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion:131 Resp: 122005
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 64.4 33.0 99.0

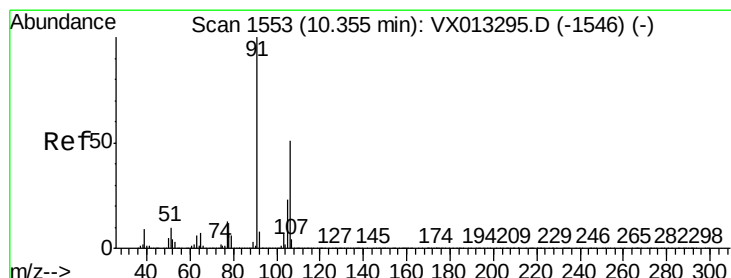
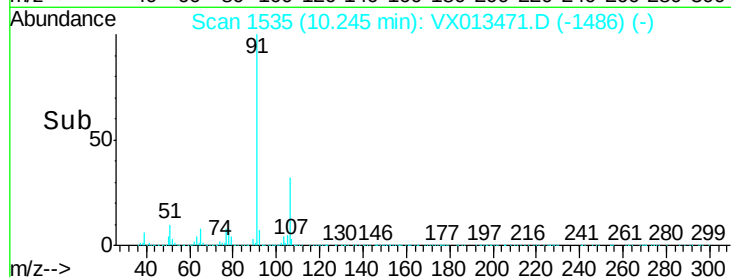
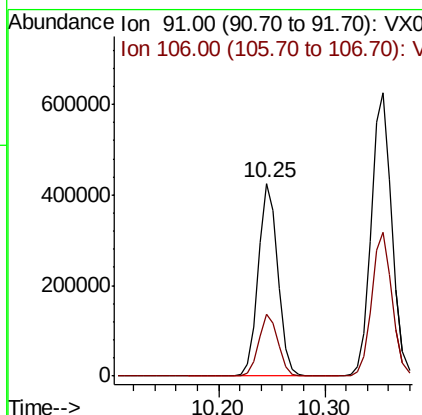
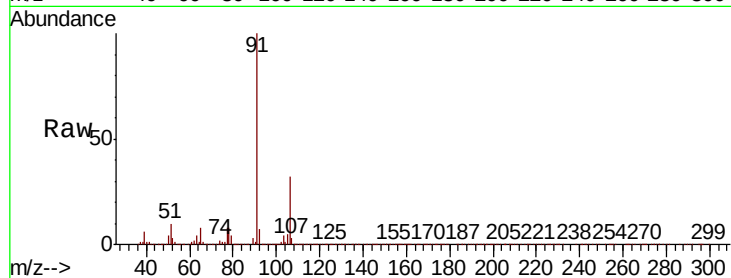




#67
Ethyl Benzene
Concen: 19.309 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

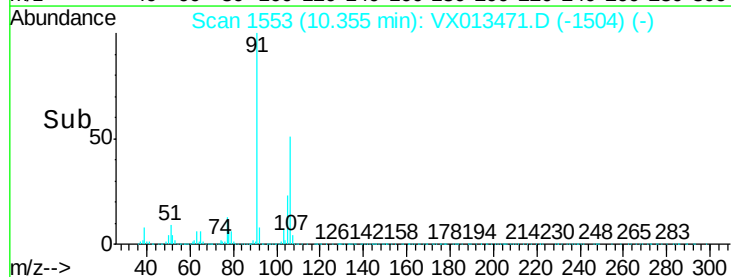
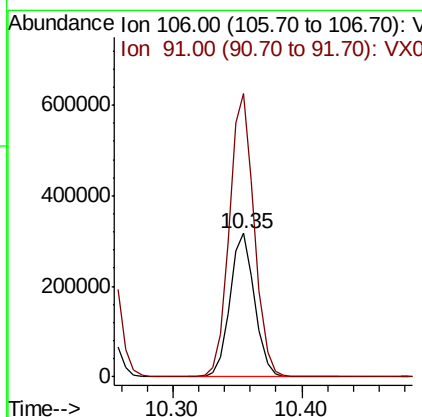
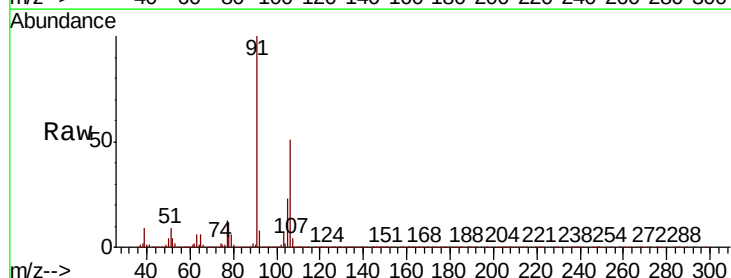
Instrument :
MSVOA_X
ClientSampleId :

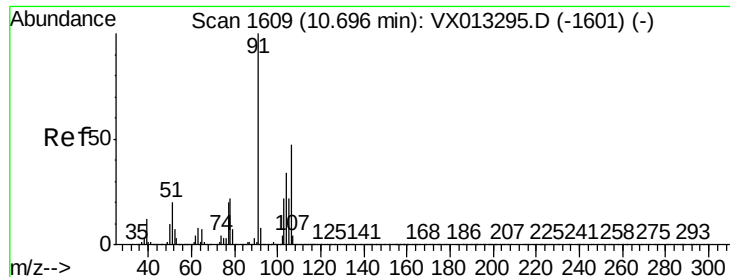
Tot Ion: 91 Resp: 549955
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



#68
m/p-Xylenes
Concen: 39.316 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 106 Resp: 423495
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9

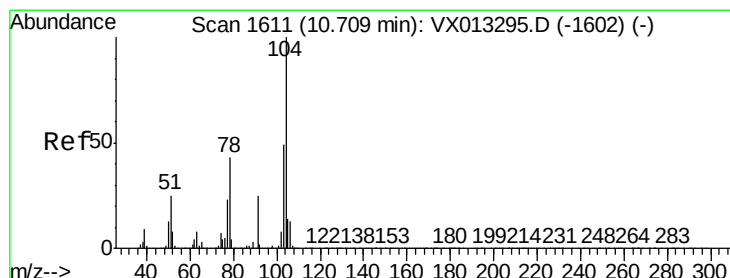
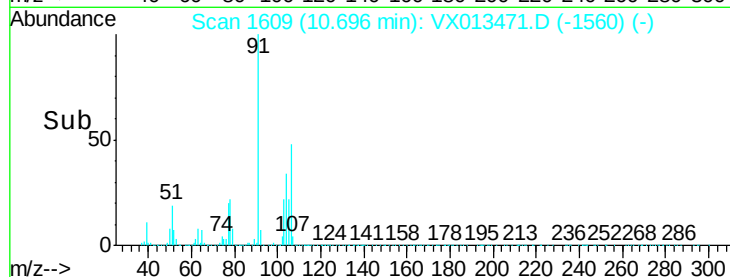
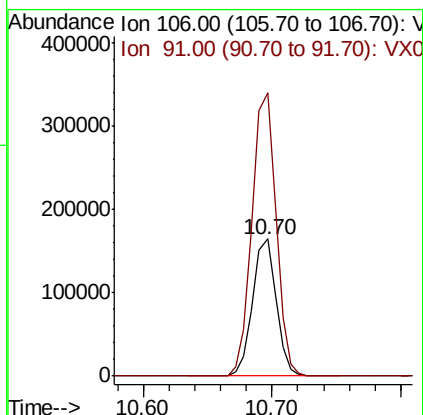
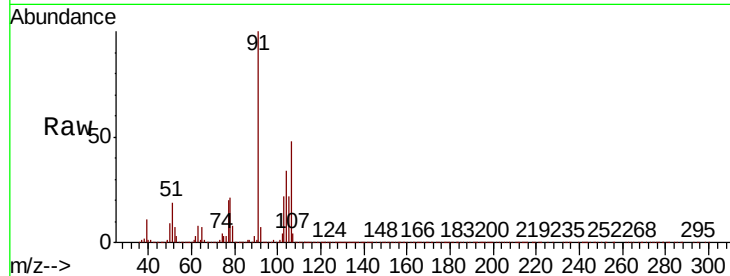




#69
o-Xylene
Concen: 19.588 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

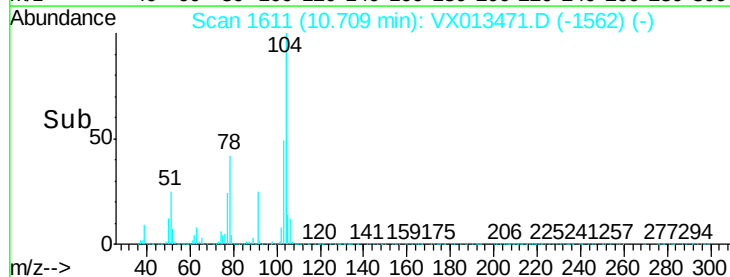
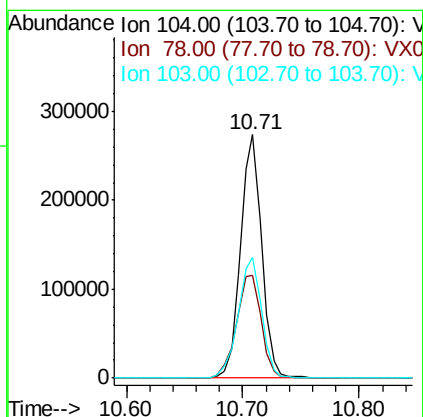
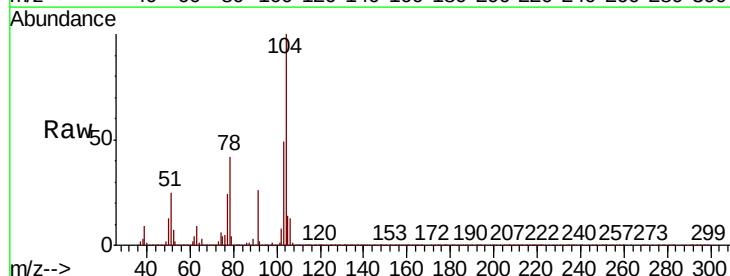
Instrument :
MSVOA_X
ClientSampleId :

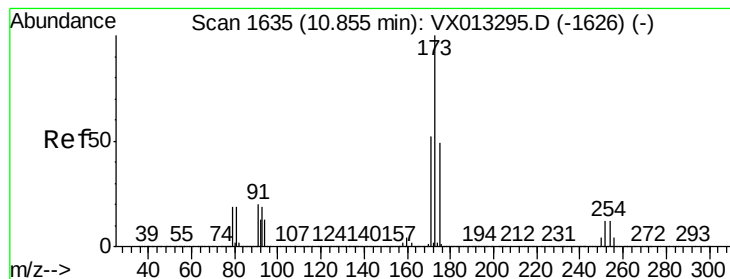
Tot Ion:106 Resp: 206565
Ion Ratio Lower Upper
106 100
91 210.9 105.7 317.0



#70
Styrene
Concen: 19.682 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion:104 Resp: 346962
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 55.6 44.1 66.1





#71

Bromoform

Concen: 19.840 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

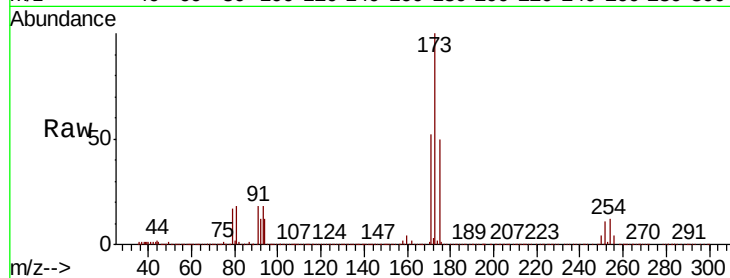
Tot Ion:173 Resp: 99867

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.4

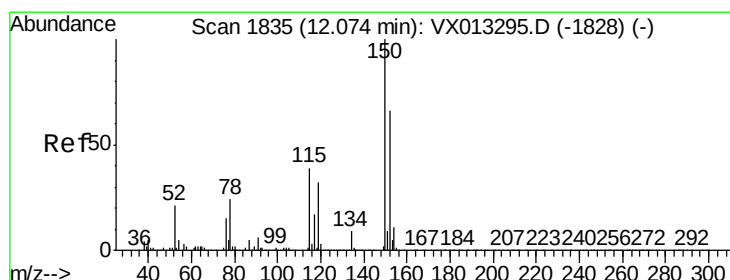
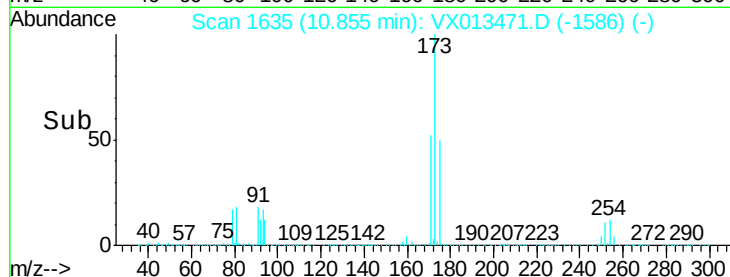
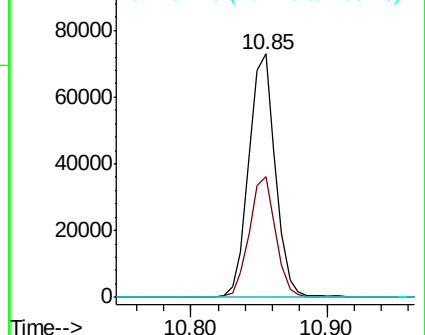
254 0.1 0.2 0.2#



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: VX013471.D

Acq: 20 Nov 2019 11:36

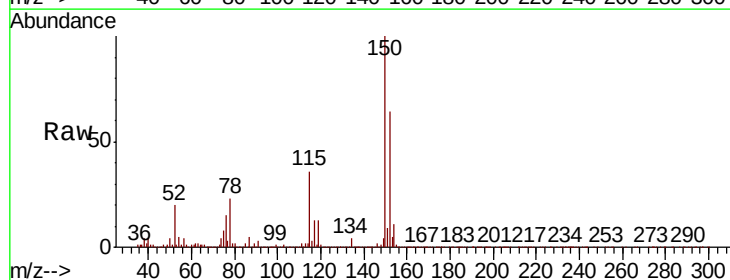
Tgt Ion:152 Resp: 405263

Ion Ratio Lower Upper

152 100

115 64.5 39.5 118.3

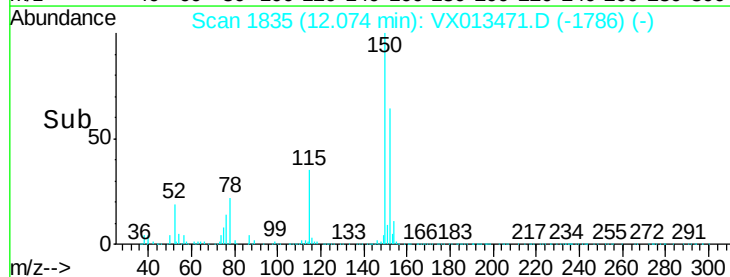
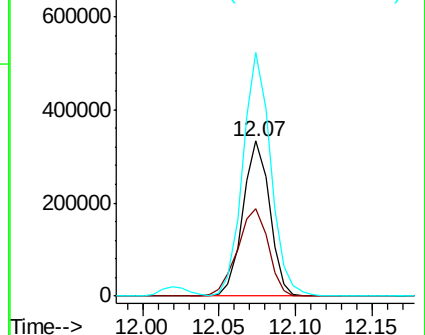
150 162.7 0.0 344.4

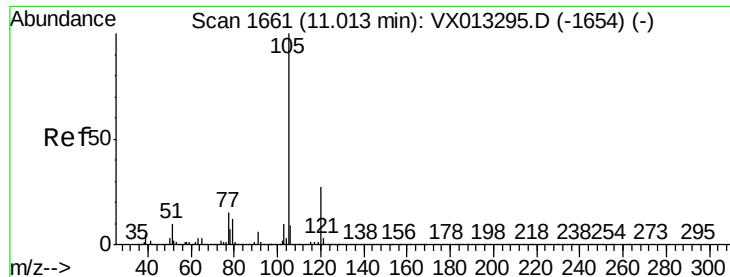


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.419 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

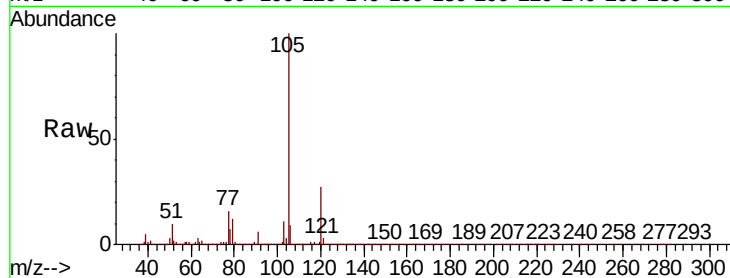
ClientSampleId :

Tot Ion:105 Resp: 548649

Ion Ratio Lower Upper

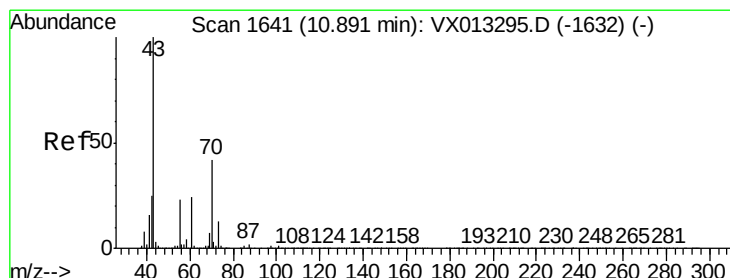
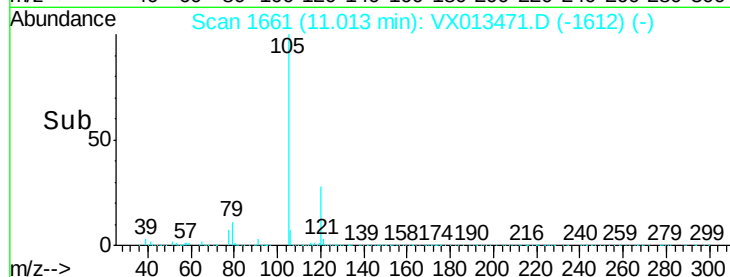
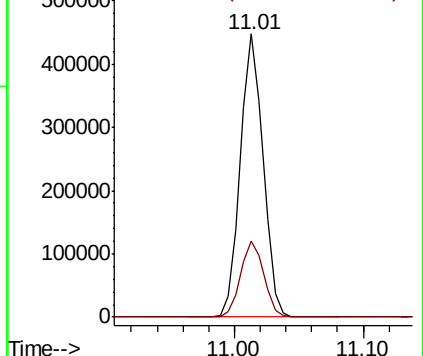
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.865 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Tgt Ion: 43 Resp: 259982

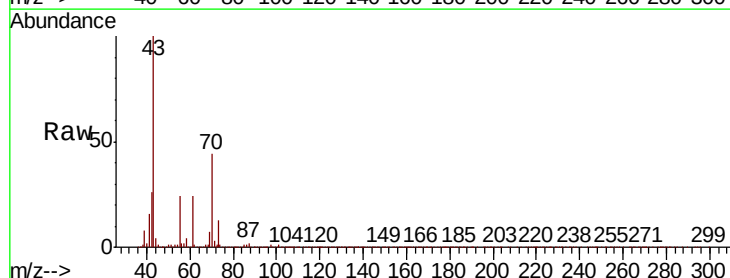
Ion Ratio Lower Upper

43 100

70 43.9 34.1 51.1

55 24.0 18.9 28.3

61 24.3 19.2 28.8

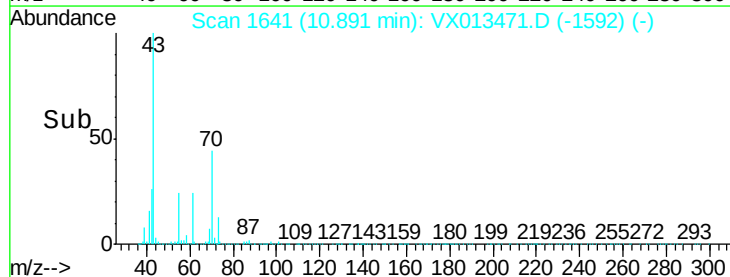
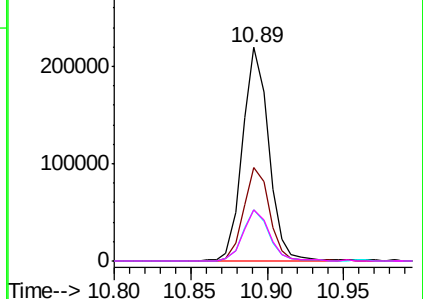


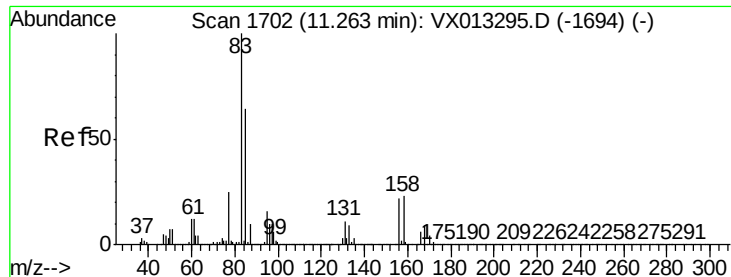
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.210 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

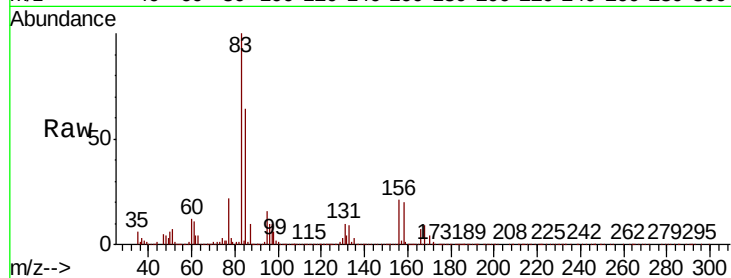
Tot Ion: 83 Resp: 207905

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

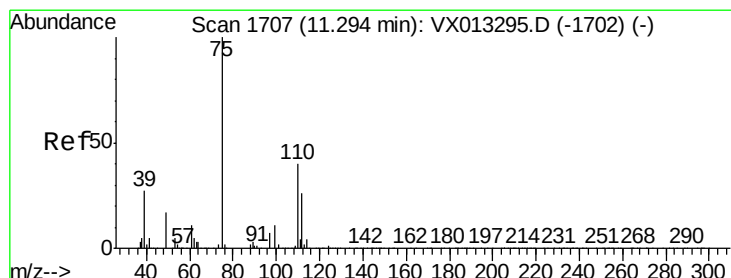
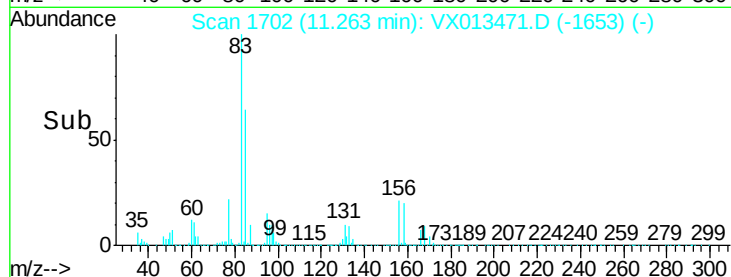
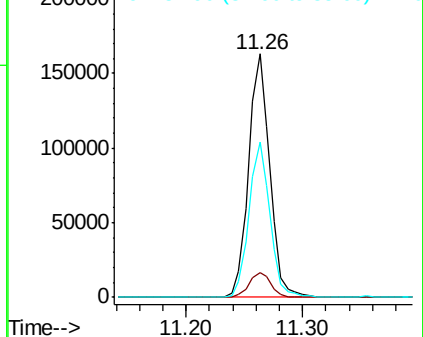
85 63.5 32.3 96.8



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: 27.688 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013471.D

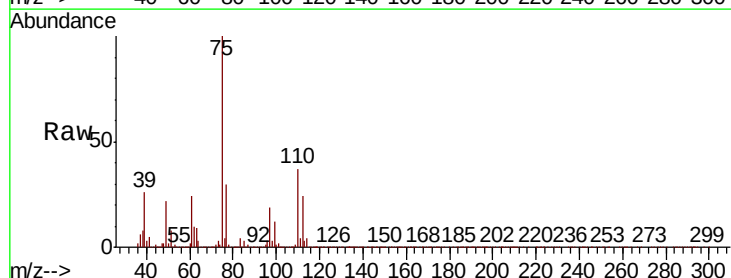
Acq: 20 Nov 2019 11:36

Tgt Ion: 75 Resp: 227908

Ion Ratio Lower Upper

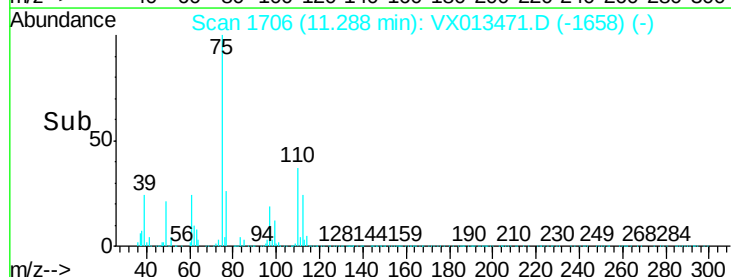
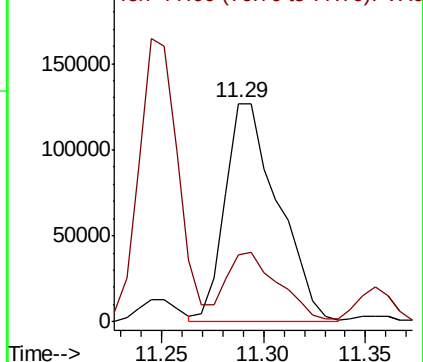
75 100

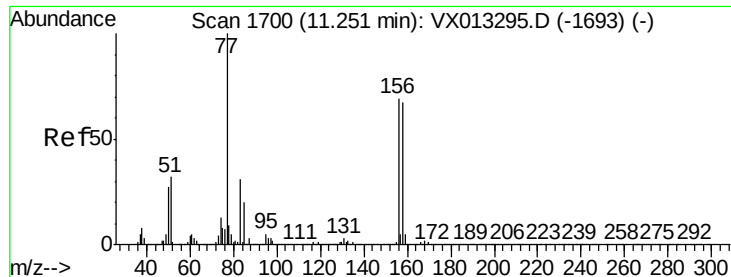
77 30.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.365 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

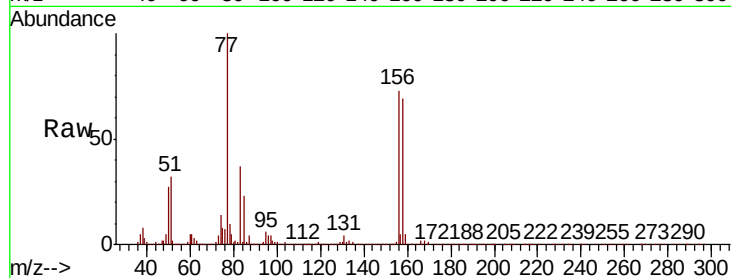
Tot Ion:156 Resp: 145878

Ion Ratio Lower Upper

156 100

77 149.9 75.8 227.4

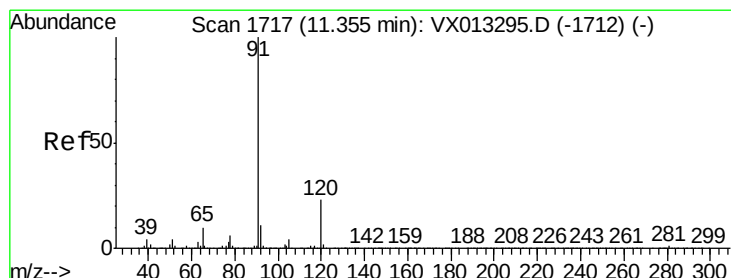
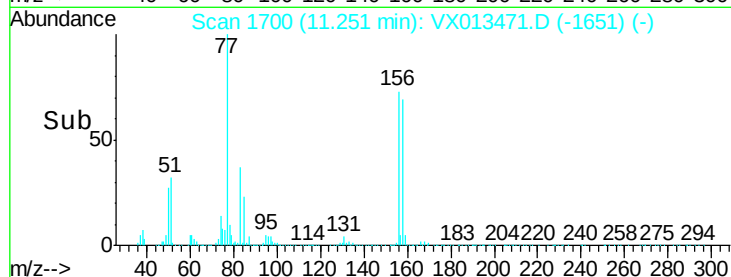
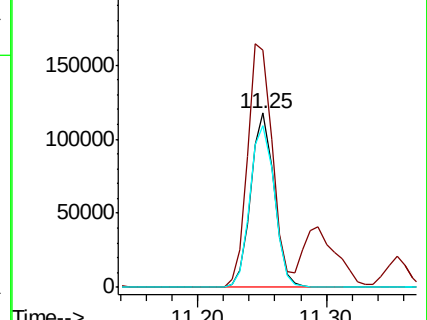
158 97.5 47.6 142.8



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: 20.406 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013471.D

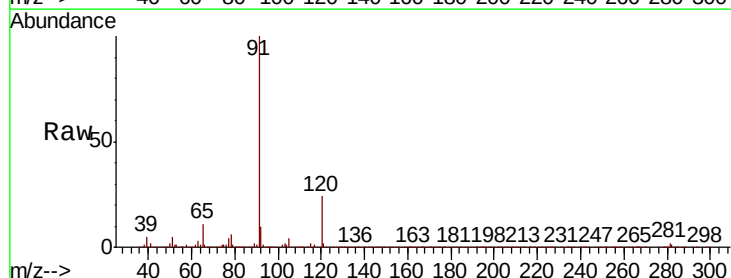
Acq: 20 Nov 2019 11:36

Tgt Ion: 91 Resp: 610776

Ion Ratio Lower Upper

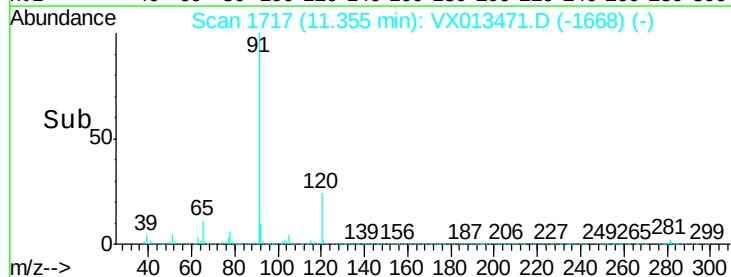
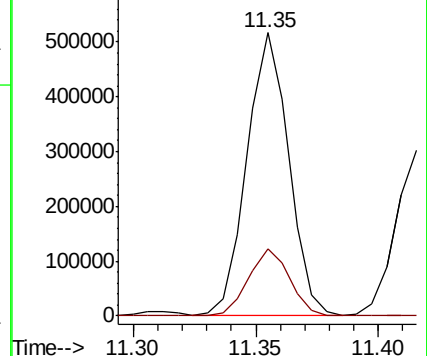
91 100

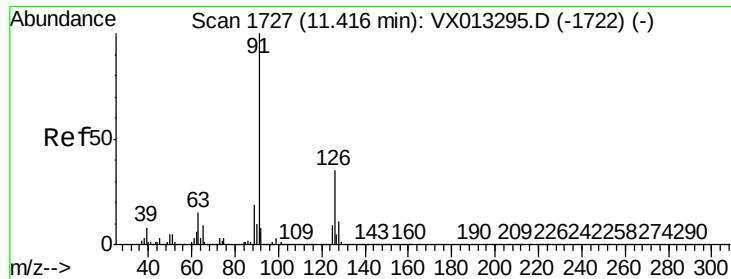
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

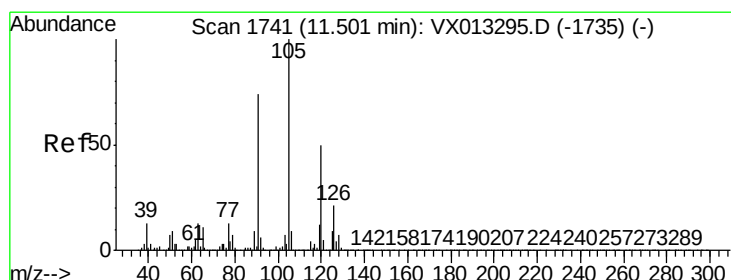
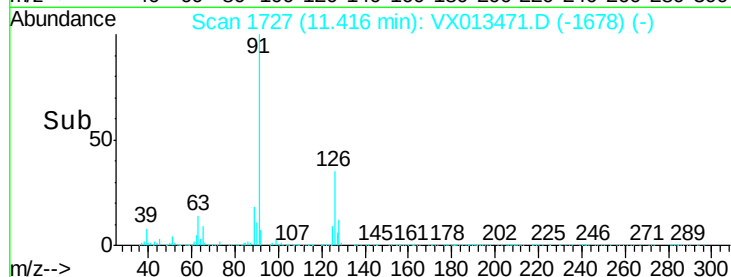
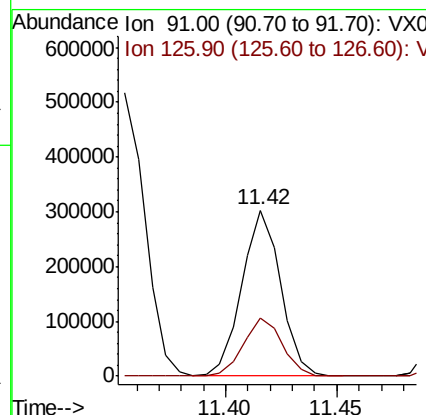
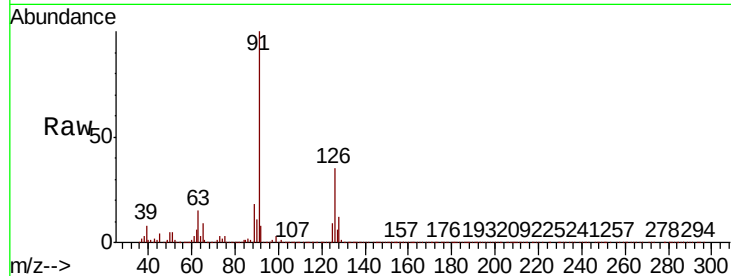




#79
 2-Chlorotoluene
 Concen: 20.276 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

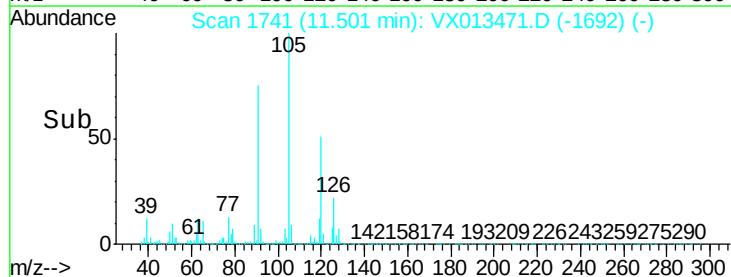
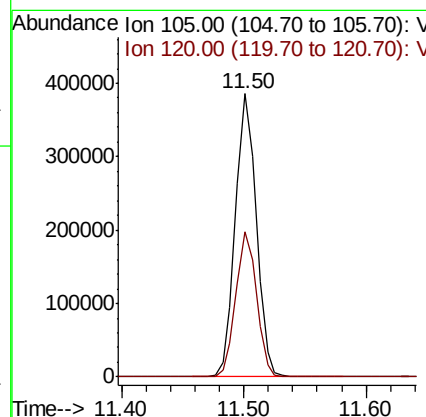
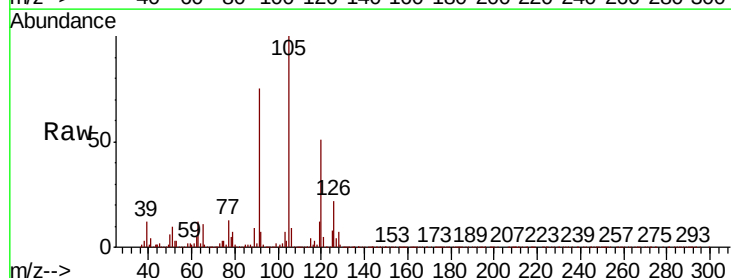
Instrument :
 MSVOA_X
 ClientSampled :

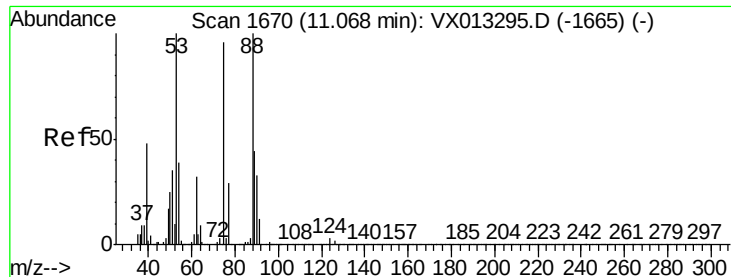
Tot Ion: 91 Resp: 365639
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.215 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion: 105 Resp: 452430
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.316 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

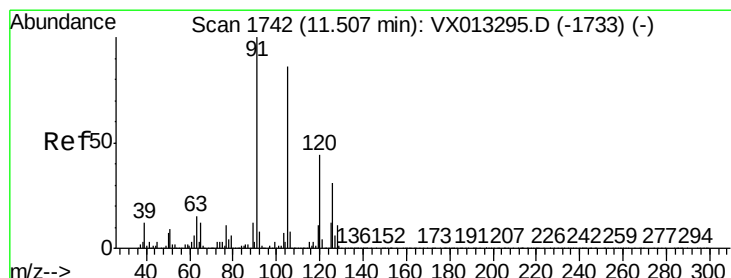
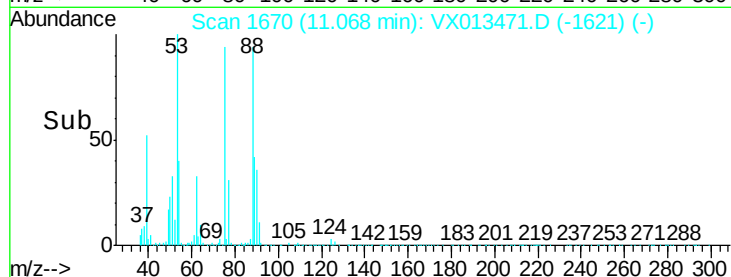
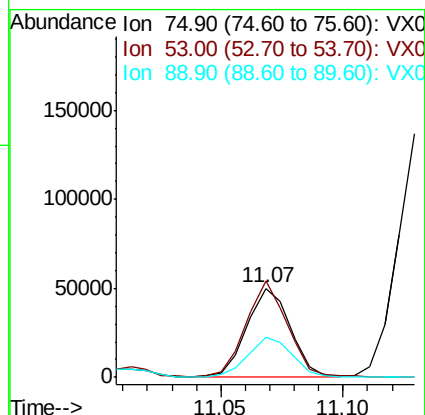
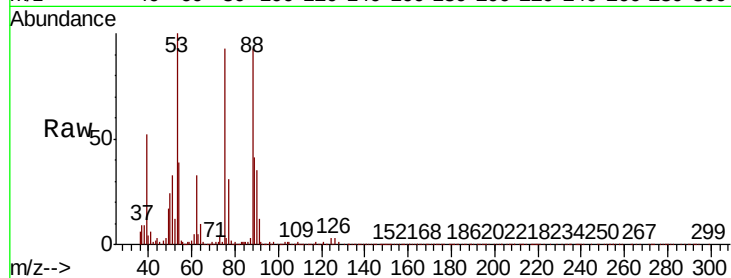
Tot Ion: 75 Resp: 61772

Ion Ratio Lower Upper

75 100

53 101.7 81.0 121.6

89 44.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.546 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013471.D

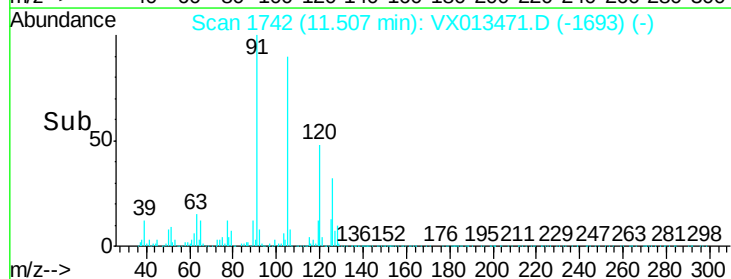
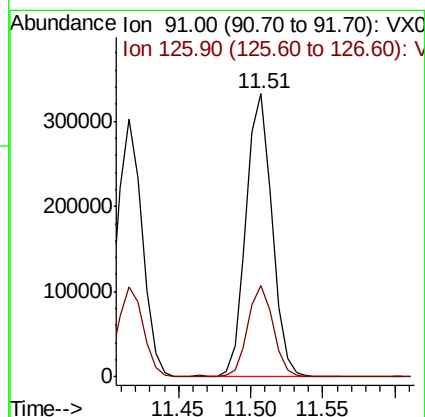
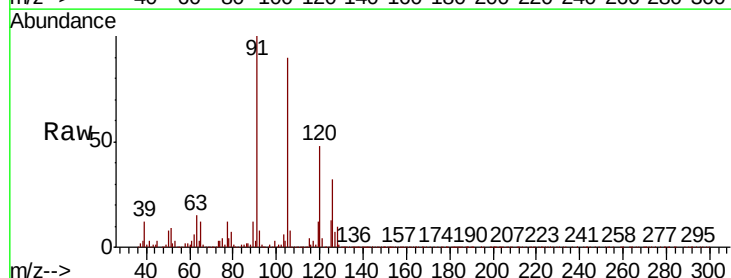
Acq: 20 Nov 2019 11:36

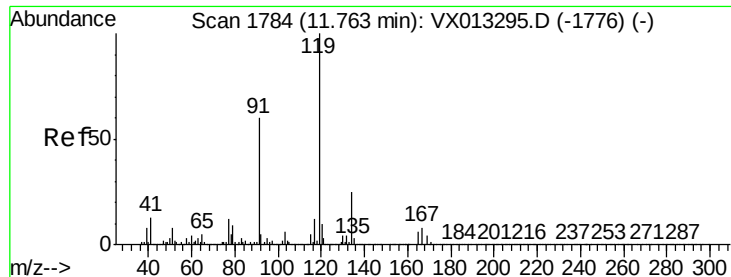
Tgt Ion: 91 Resp: 412605

Ion Ratio Lower Upper

91 100

126 31.6 15.3 45.8





#83

tert-Butylbenzene

Concen: 20.417 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013471.D

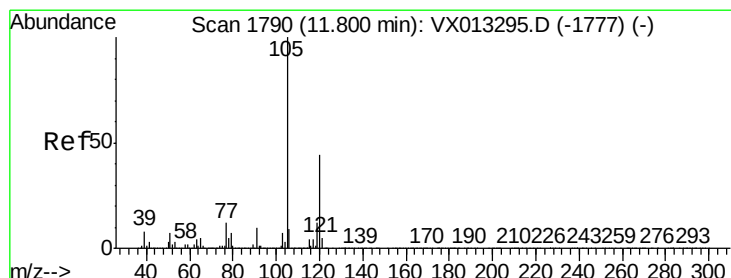
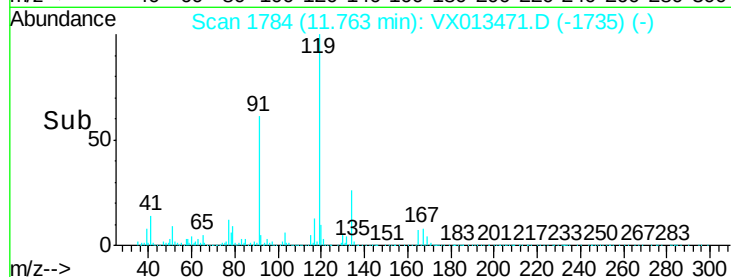
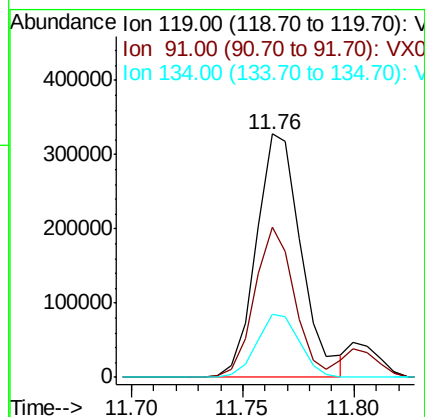
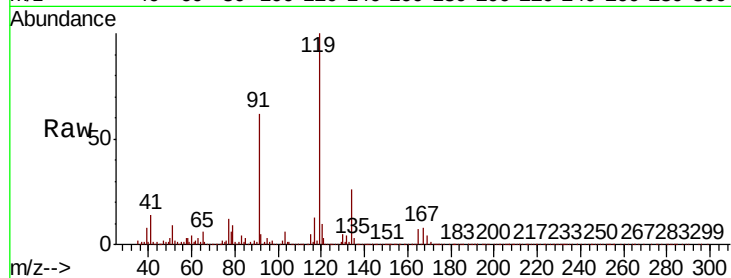
Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	459983
Ion	Ratio	Lower	Upper
119	100		
91	54.7	26.9	80.7
134	24.5	11.7	35.1



#84

1,2,4-Trimethylbenzene

Concen: 20.493 ug/l

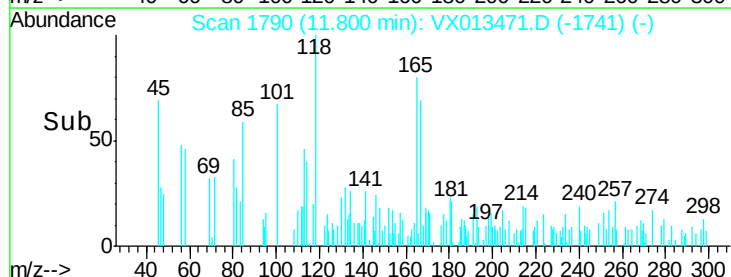
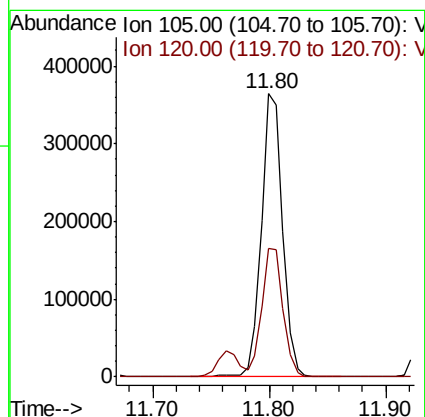
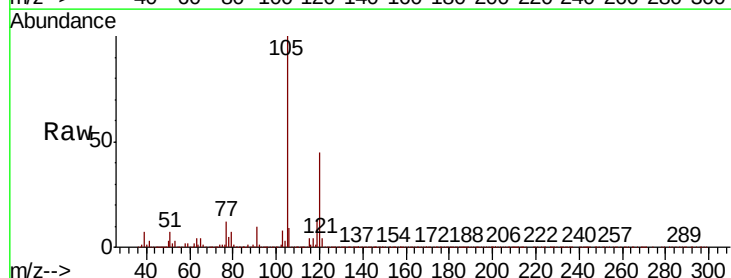
RT: 11.80 min Scan# 1790

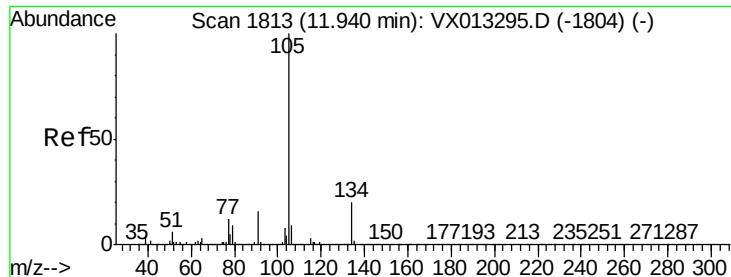
Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Tgt Ion:	105	Resp:	460086
Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.629 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

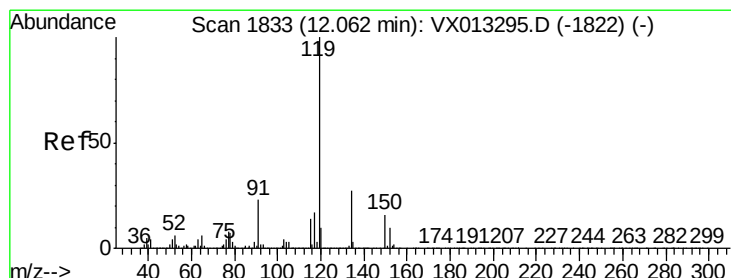
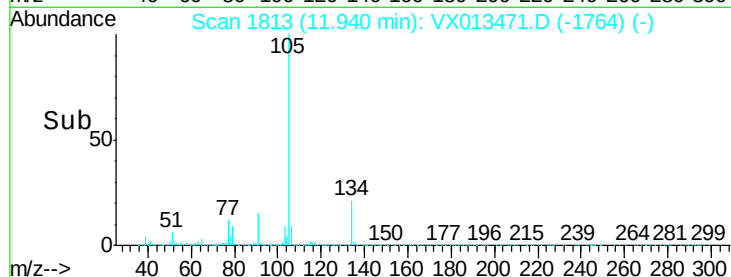
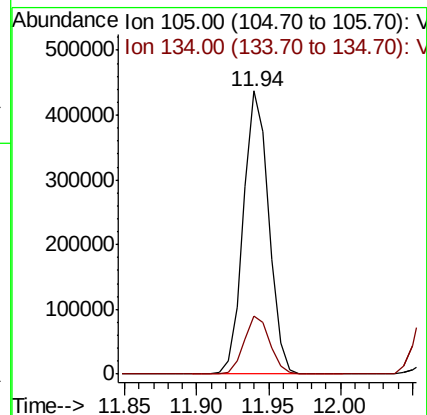
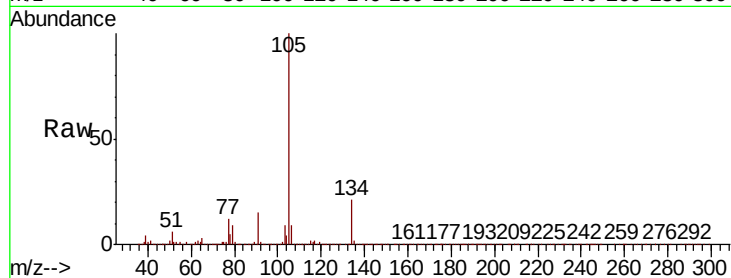
ClientSampleId :

Tot Ion:105 Resp: 534150

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.578 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

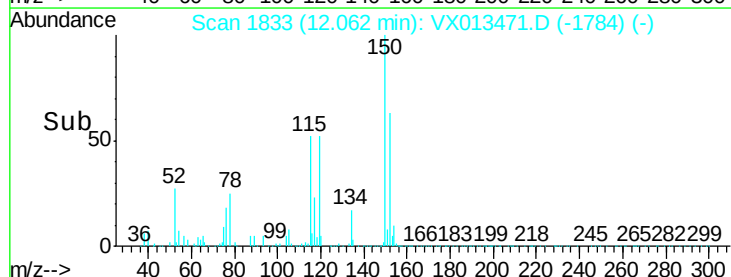
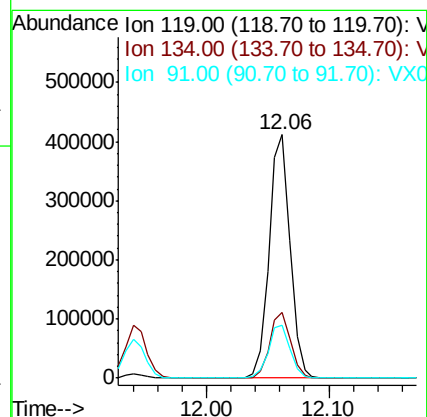
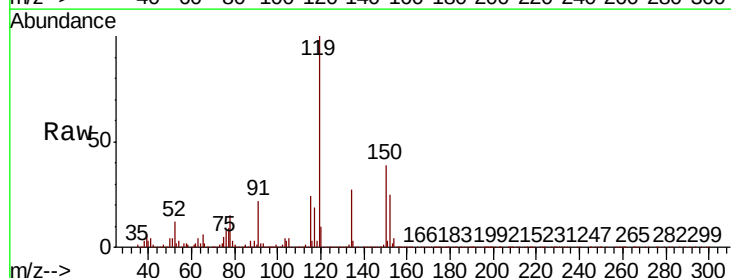
Tgt Ion:119 Resp: 490645

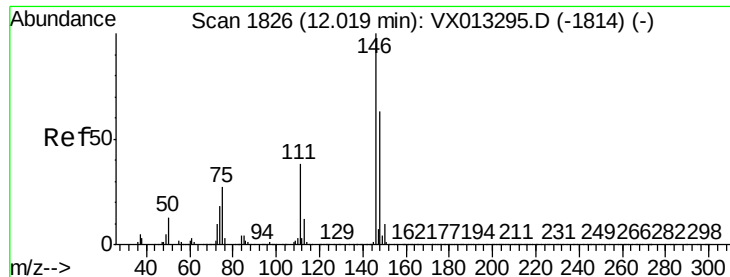
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.5 11.5 34.4

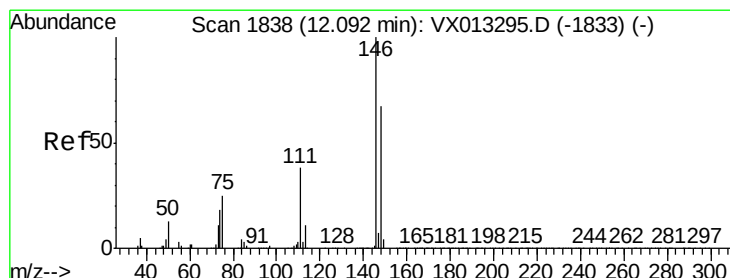
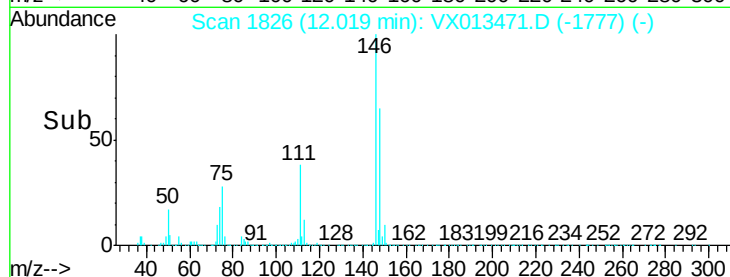
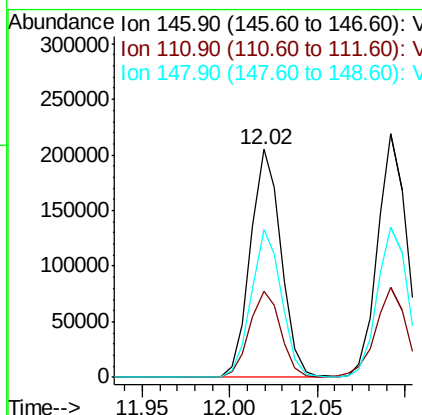
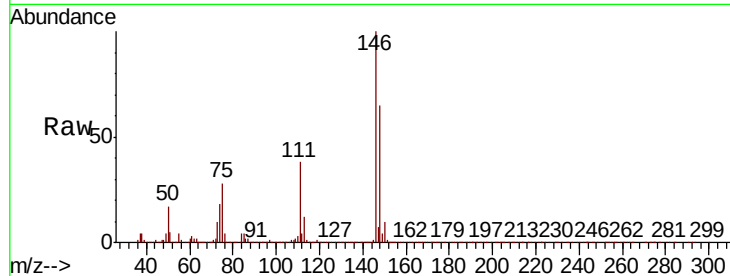




#87
 1,3-Dichlorobenzene
 Concen: 19.744 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

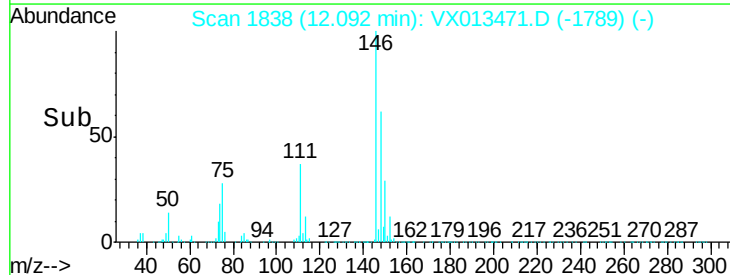
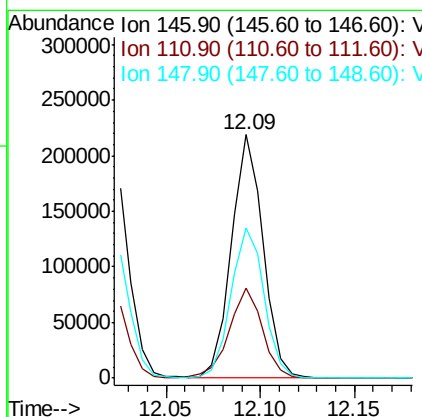
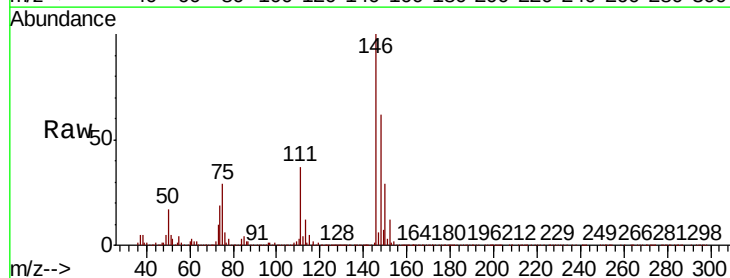
Instrument :
 MSVOA_X
 ClientSampleId :

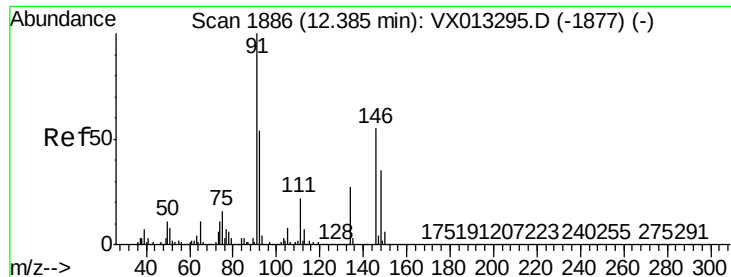
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	63.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.559 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.4
148	64.6	32.4	97.0

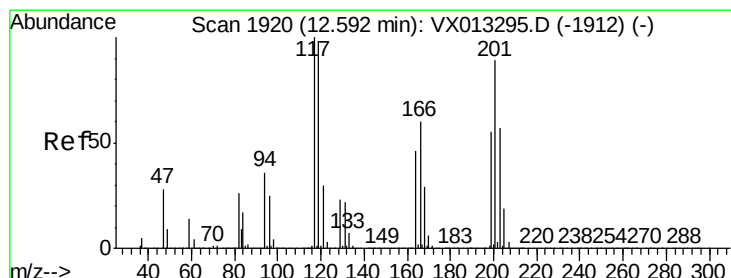
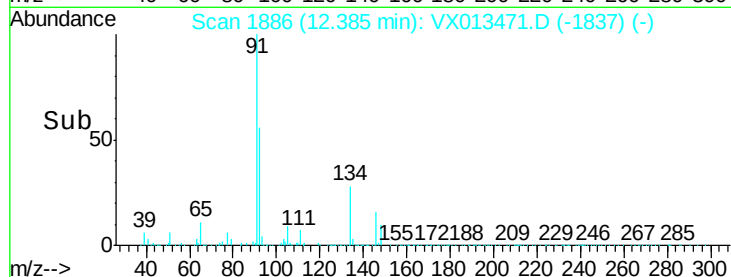
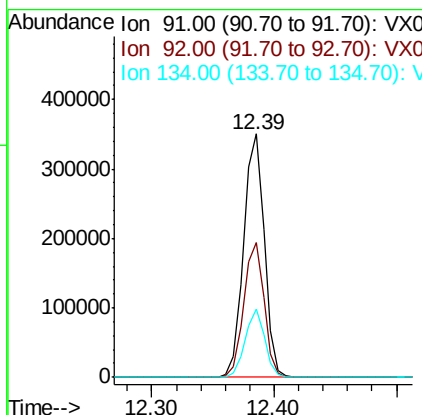
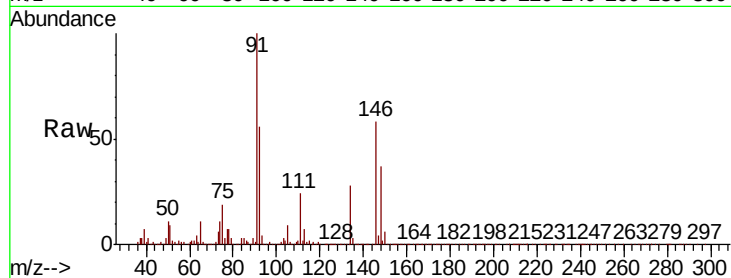




#89
n-Butylbenzene
Concen: 19.613 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

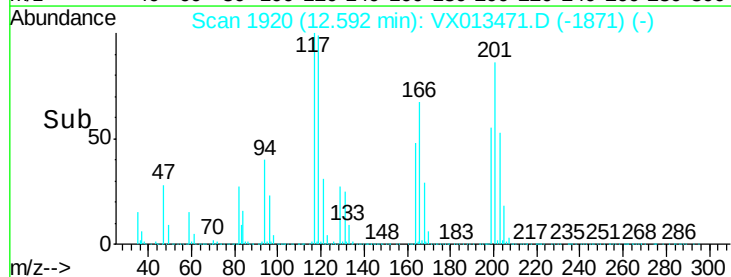
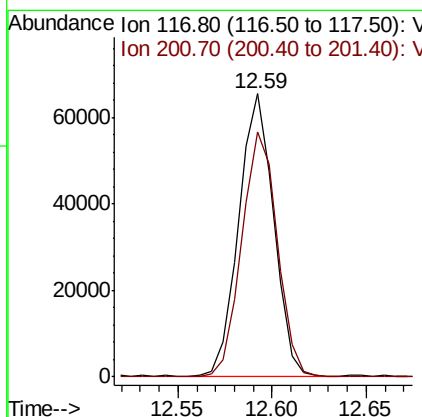
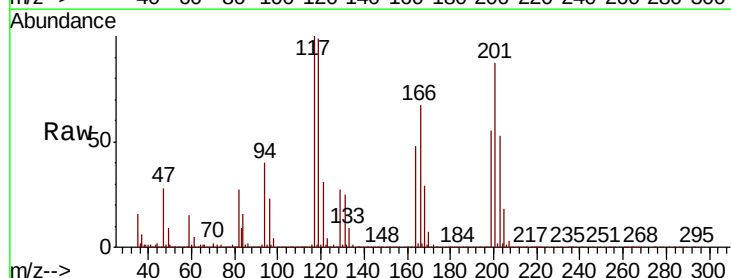
Instrument :
MSVOA_X
ClientSampleId :

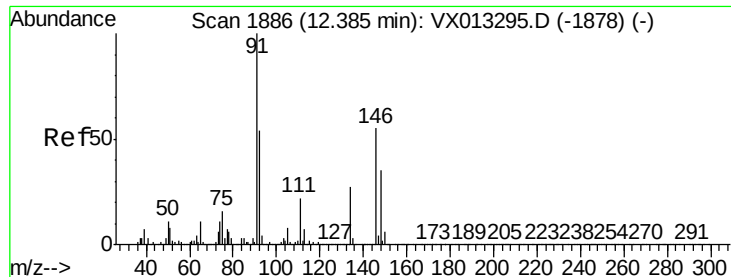
Tot Ion: 91 Resp: 408040
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 26.6 13.5 40.5



#90
Hexachloroethane
Concen: 19.929 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013471.D
Acq: 20 Nov 2019 11:36

Tgt Ion: 117 Resp: 84662
Ion Ratio Lower Upper
117 100
201 88.0 43.9 131.7

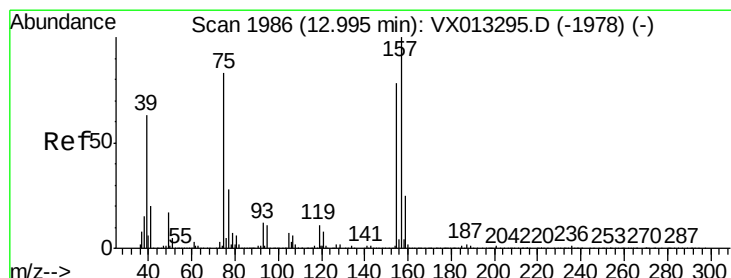
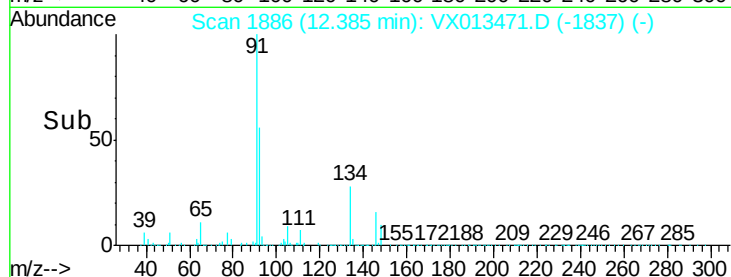
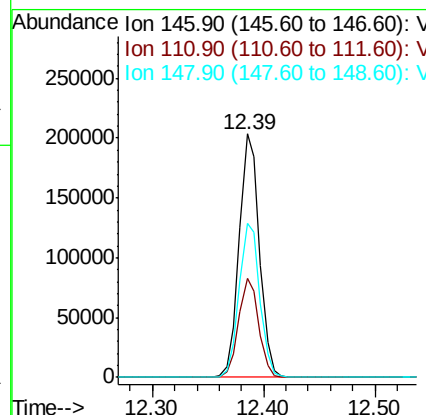
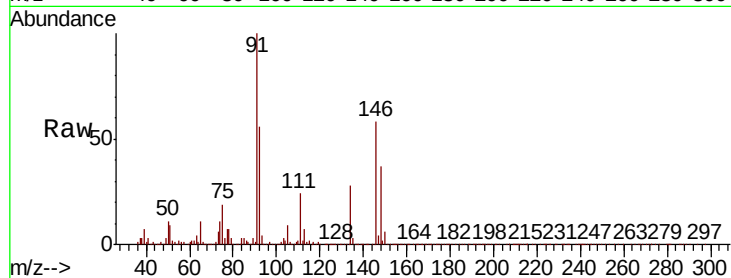




#91
 1,2-Dichlorobenzene
 Concen: 20.006 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

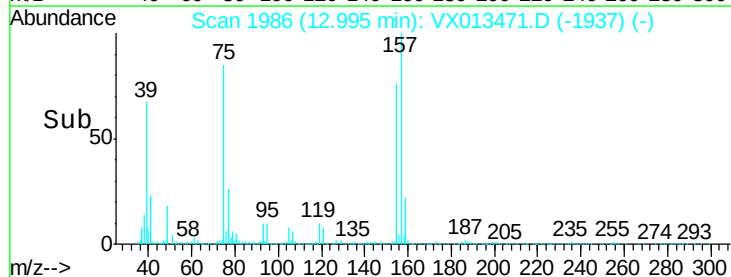
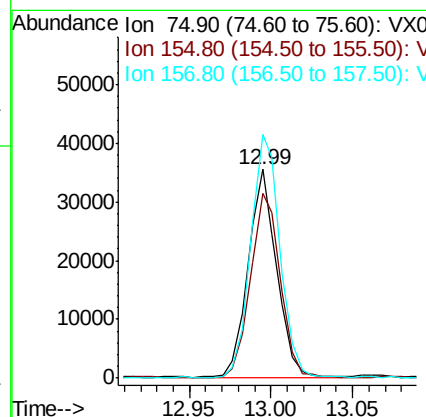
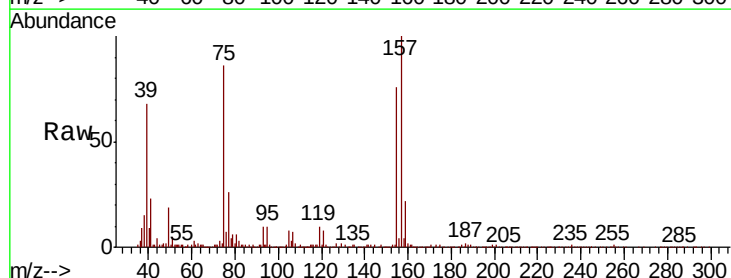
Instrument :
 MSVOA_X
 ClientSampleId :

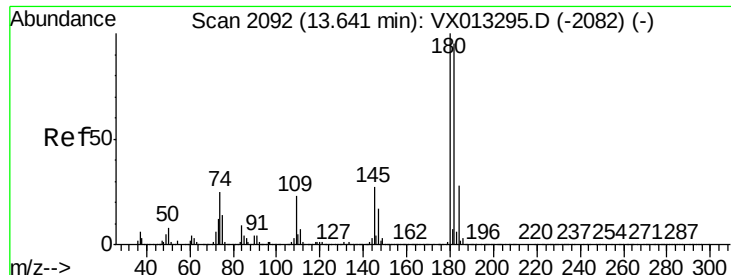
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	64.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.956 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.1	141.4
157	122.5	61.3	183.8

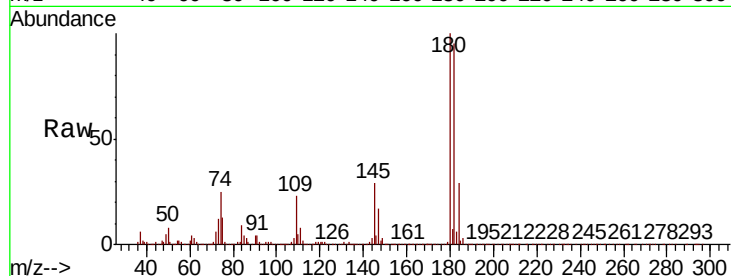




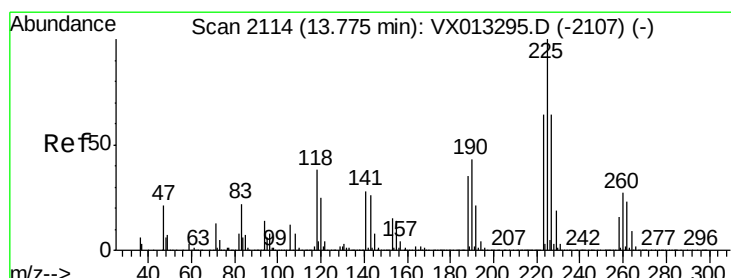
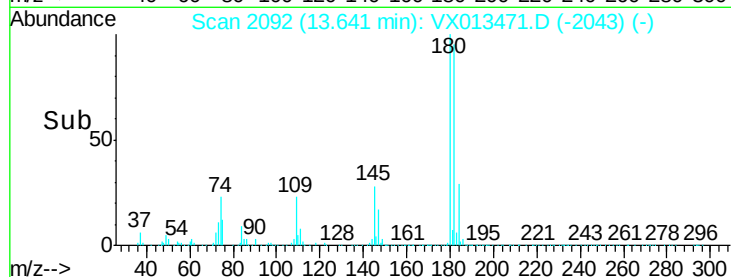
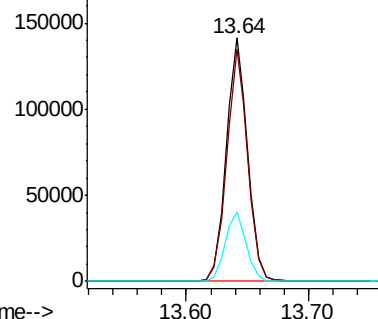
#93
 1,2,4-Trichlorobenzene
 Concen: 19.207 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.4	145.0
145	28.1	14.1	42.4

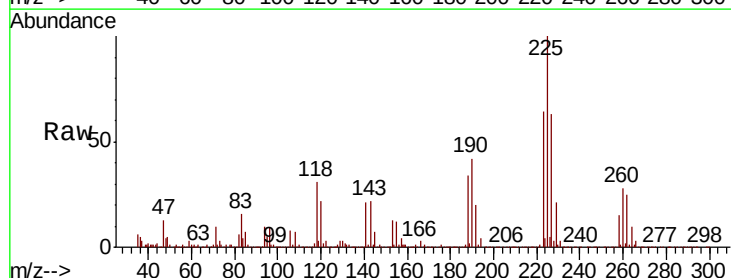


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

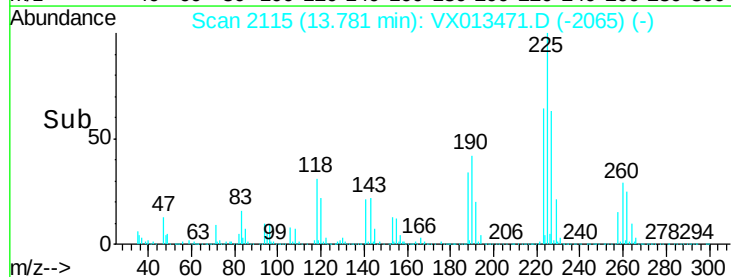
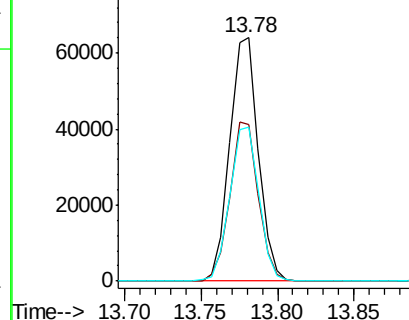


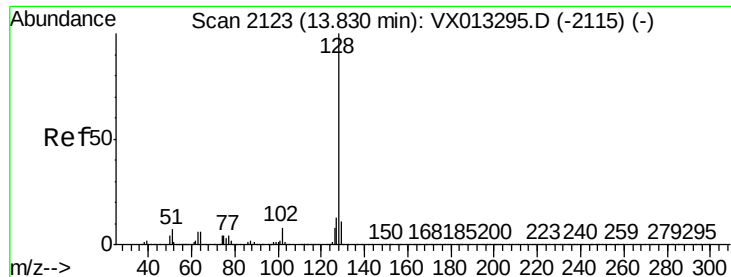
#94
 Hexachlorobutadiene
 Concen: 19.094 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013471.D
 Acq: 20 Nov 2019 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.7
227	64.0	31.9	95.9



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: 18.881 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

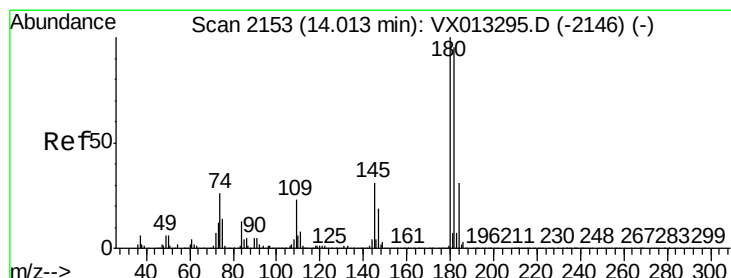
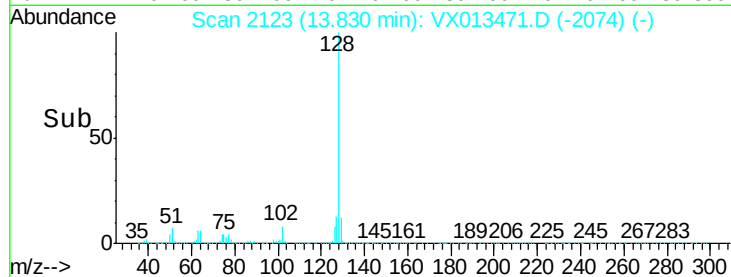
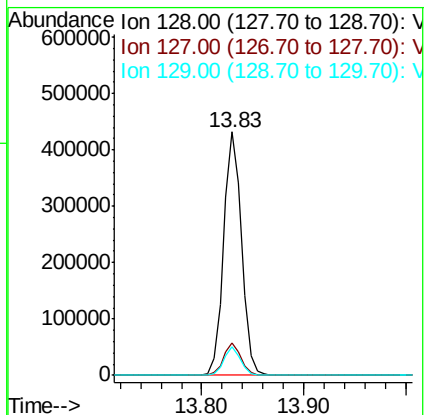
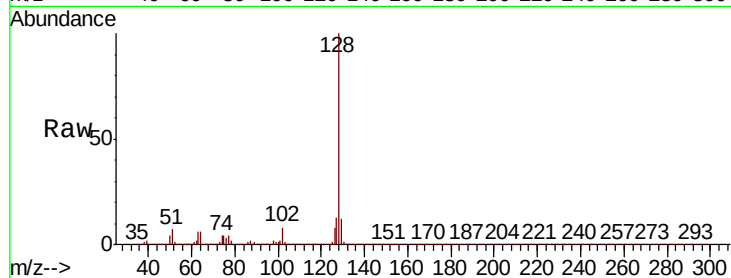
Tot Ion:128 Resp: 527407

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.374 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013471.D

Acq: 20 Nov 2019 11:36

Tgt Ion:180 Resp: 172980

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 29.6 15.4 46.4

