

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103119\
 Data File : VX013296.D
 Acq On : 31 Oct 2019 17:52
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 06:42:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	691327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1055186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	522586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	827846	109.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.10%	
35) Dibromofluoromethane	5.48	113	678059	101.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.82%	
50) Toluene-d8	8.71	98	2569251	102.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.46%	
62) 4-Bromofluorobenzene	11.14	95	952287	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	829116	125.308	ug/l	98
3) Chloromethane	1.31	50	892939	131.603	ug/l	98
4) Vinyl Chloride	1.40	62	1023524	144.126	ug/l	100
5) Bromomethane	1.62	94	705013	162.662	ug/l	98
6) Chloroethane	1.70	64	551093	124.167	ug/l	100
7) Trichlorofluoromethane	1.91	101	1132629	102.510	ug/l	100
8) Diethyl Ether	2.18	74	509748	126.416	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	636219	100.795	ug/l	100
10) Methyl Iodide	2.50	142	875096	107.188	ug/l	99
11) Tert butyl alcohol	3.05	59	995813	554.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	646842	104.260	ug/l	96
13) Acrolein	2.28	56	596059	573.108	ug/l	98
14) Allyl chloride	2.71	41	1188739	126.298	ug/l	99
15) Acrylonitrile	3.13	53	2121386	588.333	ug/l	99
16) Acetone	2.44	43	1993999	573.538	ug/l	99
17) Carbon Disulfide	2.55	76	1795109	111.976	ug/l	99
18) Methyl Acetate	2.76	43	1161659	138.819	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2185143	107.591	ug/l	99
20) Methylene Chloride	2.84	84	722757	101.313	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	692650	104.646	ug/l	96
22) Diisopropyl ether	3.84	45	2307889	117.176	ug/l	99
23) Vinyl Acetate	3.80	43	9956433	600.155	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1268711	112.330	ug/l	100
25) 2-Butanone	4.66	43	3111051	618.801	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1026110	111.567	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	788190	102.605	ug/l	99
28) Bromochloromethane	5.01	49	356039	71.991	ug/l	98
29) Tetrahydrofuran	5.11	42	1945983	610.306	ug/l	99
30) Chloroform	5.20	83	1241838	103.068	ug/l	98
31) Cyclohexane	5.57	56	1126118	109.569	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1092959	105.600	ug/l	100
36) 1,1-Dichloropropene	5.79	75	942020	106.802	ug/l	99
37) Ethyl Acetate	4.82	43	1157189	124.370	ug/l	100
38) Carbon Tetrachloride	5.78	117	947573	104.467	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1165708	103.304	ug/l	98
40) Benzene	6.13	78	2849357	105.753	ug/l	100
41) Methacrylonitrile	5.03	41	652229	122.413	ug/l	99
42) 1,2-Dichloroethane	6.18	62	1037963	108.933	ug/l	99
43) Isopropyl Acetate	6.43	43	1865100	122.249	ug/l	100
44) Trichloroethene	7.20	130	776784	98.701	ug/l	99
45) 1,2-Dichloropropane	7.51	63	736682	107.004	ug/l	99
46) Dibromomethane	7.65	93	498255	102.431	ug/l	98
47) Bromodichloromethane	7.89	83	997879	113.784	ug/l	97
48) Methyl methacrylate	7.76	41	952168	126.623	ug/l	99
49) 1,4-Dioxane	7.73	88	408991	2034.346	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	6017144	608.183	ug/l	99
52) Toluene	8.78	92	1797275	102.351	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1130251	119.458	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1227023	117.027	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	742581	102.447	ug/l	98
56) Ethyl methacrylate	9.17	69	1250015	116.856	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1249780	107.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2716770	537.276	ug/l	99
59) 2-Hexanone	9.49	43	4795656	626.296	ug/l	99
60) Dibromochloromethane	9.58	129	818973	111.998	ug/l	99
61) 1,2-Dibromoethane	9.67	107	796139	103.736	ug/l	99
64) Tetrachloroethene	9.33	164	680498	89.567	ug/l	99
65) Chlorobenzene	10.14	112	1973238	98.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	749906	106.055	ug/l	99
67) Ethyl Benzene	10.24	91	3473632	101.379	ug/l	98
68) m/p-Xylenes	10.35	106	2668512	203.053	ug/l	100
69) o-Xylene	10.70	106	1307116	102.255	ug/l	100
70) Styrene	10.71	104	2268817	106.322	ug/l	100
71) Bromoform	10.85	173	673824	118.913	ug/l #	99
73) Isopropylbenzene	11.01	105	3461454	97.320	ug/l	100
74) N-amyl acetate	10.89	43	1752380	124.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1265268	107.213	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1447795	151.228	ug/l	81
77) Bromobenzene	11.25	156	923654	94.755	ug/l	98
78) n-propylbenzene	11.35	91	3959603	100.546	ug/l	99
79) 2-Chlorotoluene	11.42	91	2325574	98.445	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2942314	99.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	448878	124.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	2756940	100.285	ug/l	99
83) tert-Butylbenzene	11.77	119	3000194	102.297	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2991019	99.997	ug/l	99
85) sec-Butylbenzene	11.94	105	3427749	100.546	ug/l	99
86) p-Isopropyltoluene	12.06	119	3224260	102.213	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1656812	97.762	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1673116	96.593	ug/l	99
89) n-Butylbenzene	12.38	91	2901625	107.318	ug/l	99
90) Hexachloroethane	12.59	117	596321	117.689	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1663030	99.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	302540	120.158	ug/l	99

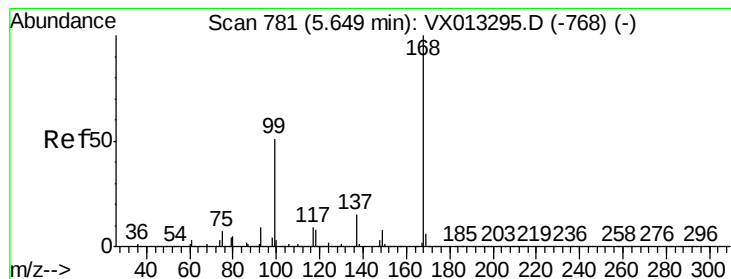
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 06:36:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1227830	107.513	ug/l	98
94) Hexachlorobutadiene	13.78	225	576716	102.145	ug/l	100
95) Naphthalene	13.83	128	3932056	114.444	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1217356	106.699	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

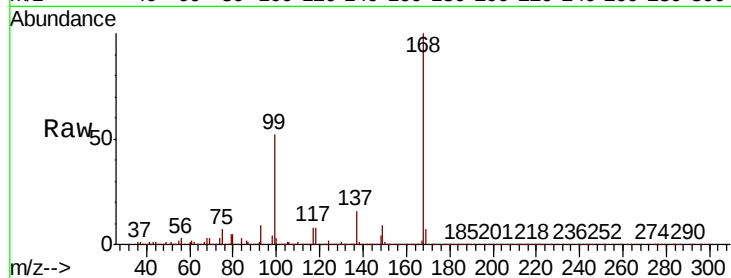
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 691327

Ion Ratio Lower Upper

168 100

99 51.8 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

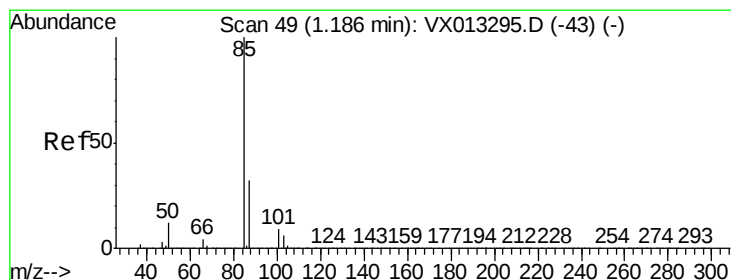
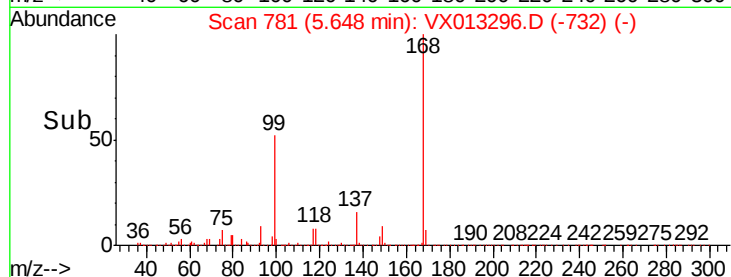
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 125.308 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013296.D

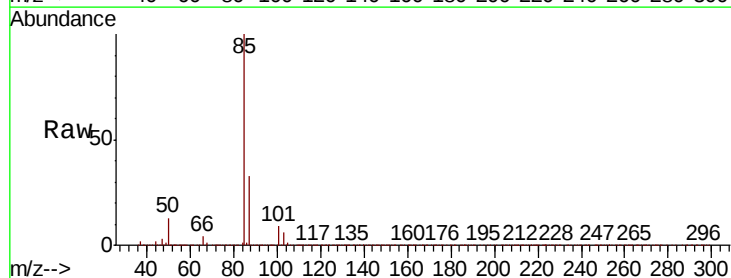
Acq: 31 Oct 2019 17:52

Tgt Ion: 85 Resp: 829116

Ion Ratio Lower Upper

85 100

87 33.0 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

1000000

800000

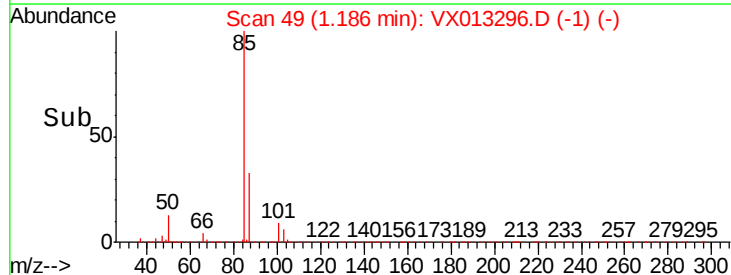
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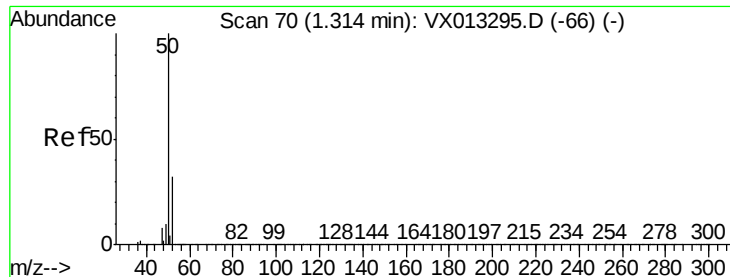
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Time-->

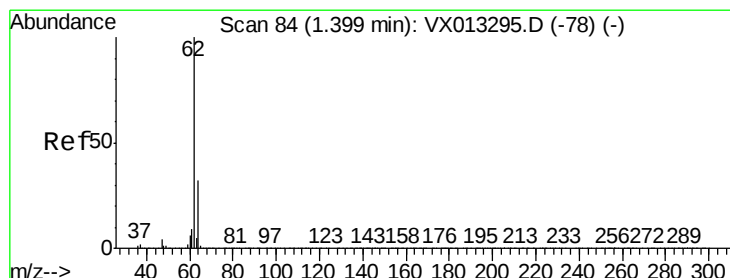
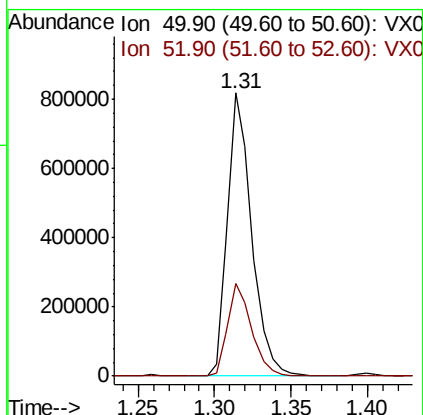
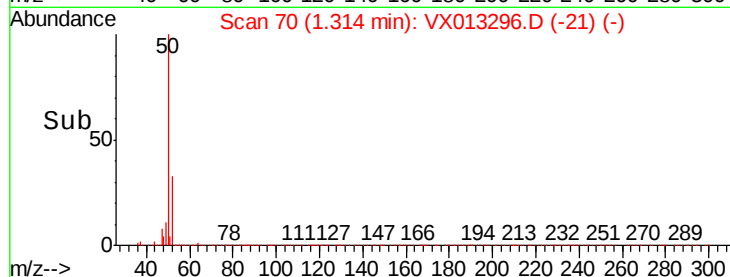
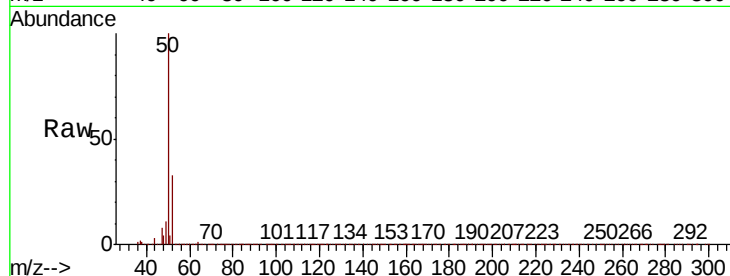




#3
Chloromethane
Concen: 131.603 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

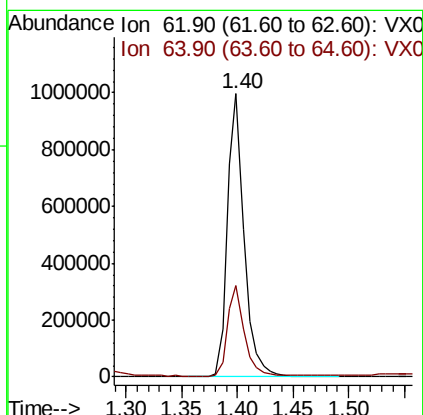
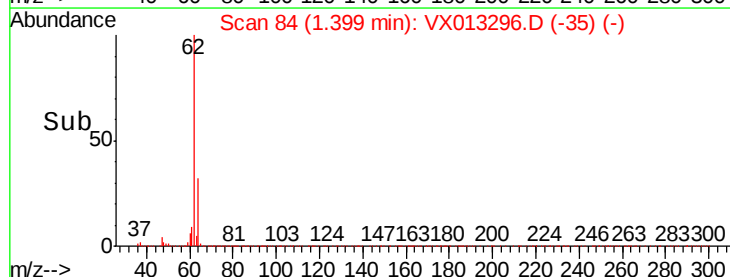
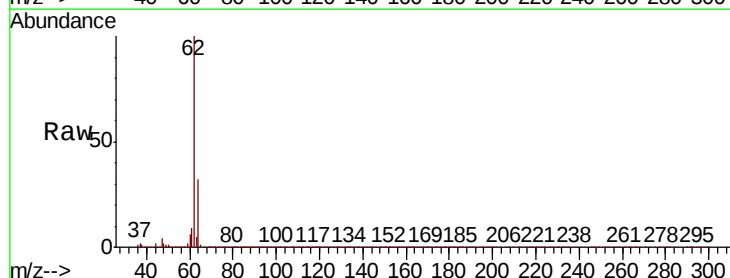
Instrument :
MSVOA_X
ClientSampleId :

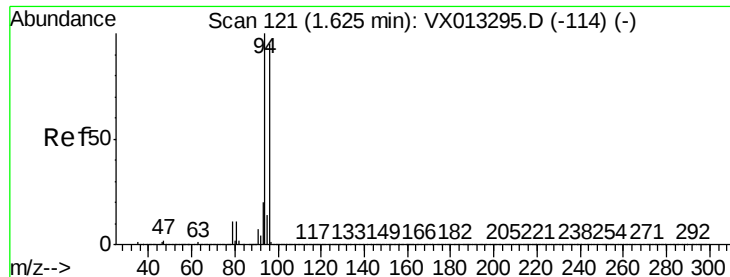
Tot Ion: 50 Resp: 892939
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 144.126 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 62 Resp: 1023524
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4





#5

Bromomethane

Concen: 162.662 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

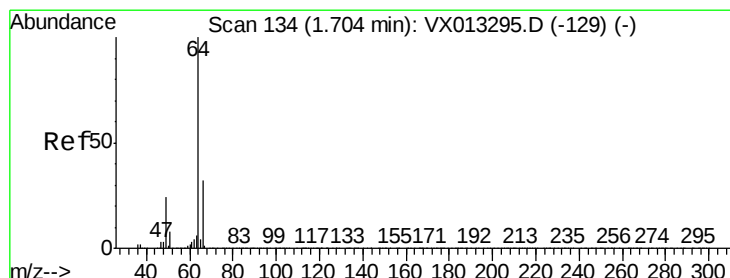
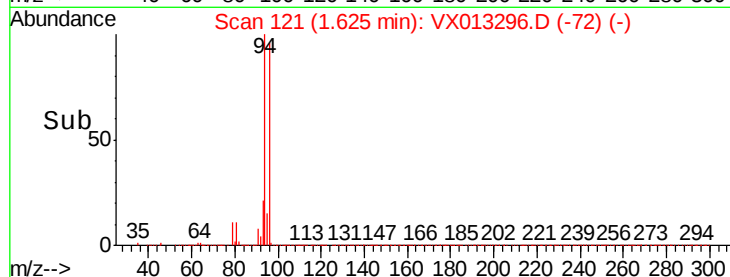
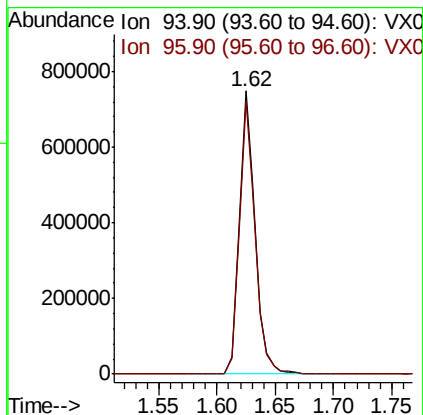
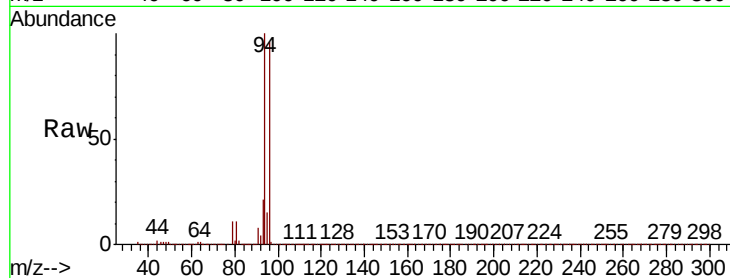
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 705013

Ion Ratio Lower Upper

94 100

96 96.3 75.8 113.8



#6

Chloroethane

Concen: 124.167 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013296.D

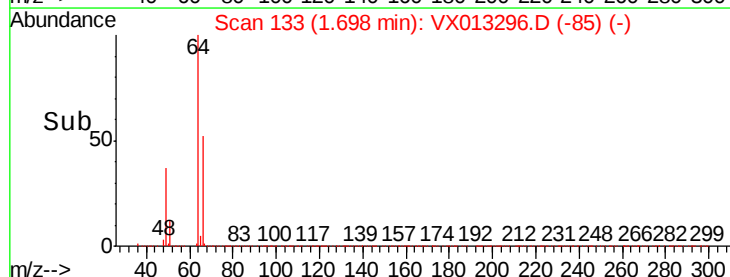
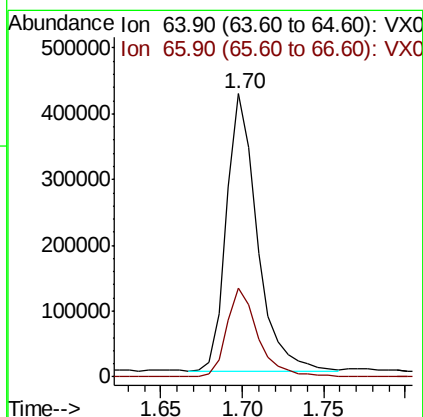
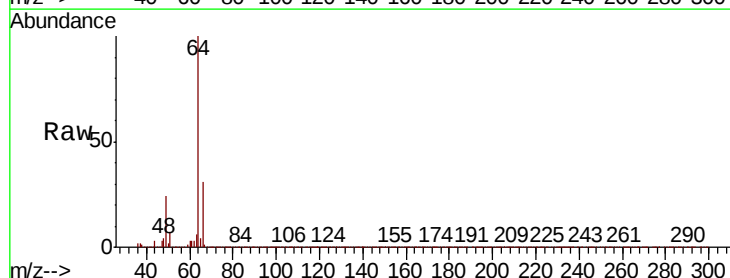
Acq: 31 Oct 2019 17:52

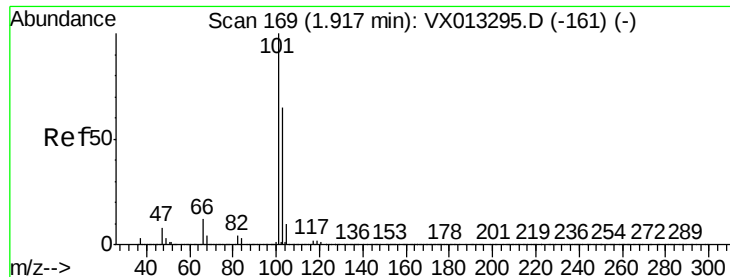
Tgt Ion: 64 Resp: 551093

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



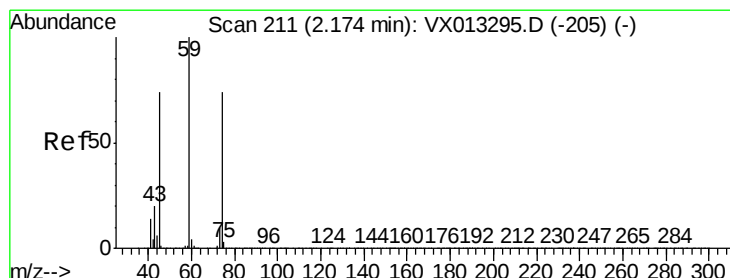
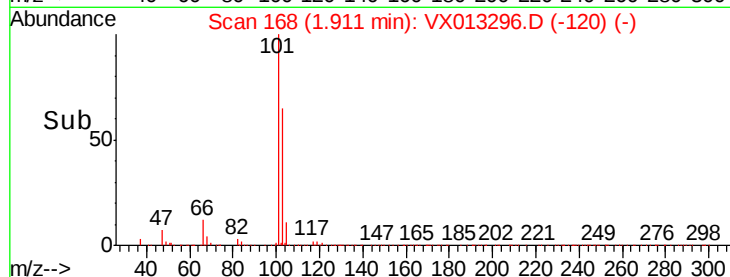
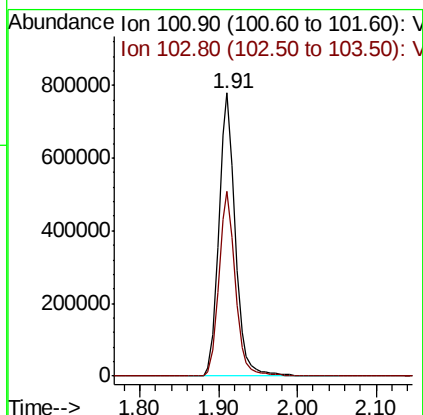
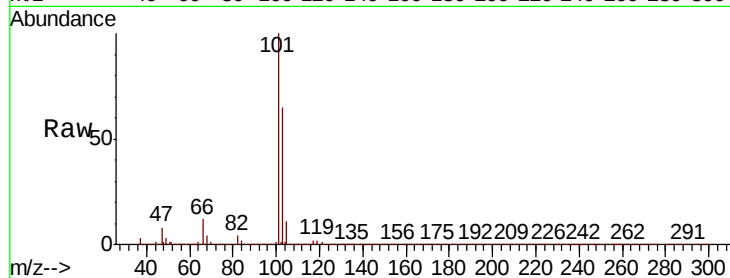


#7

Trichlorofluoromethane
Concen: 102.510 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :

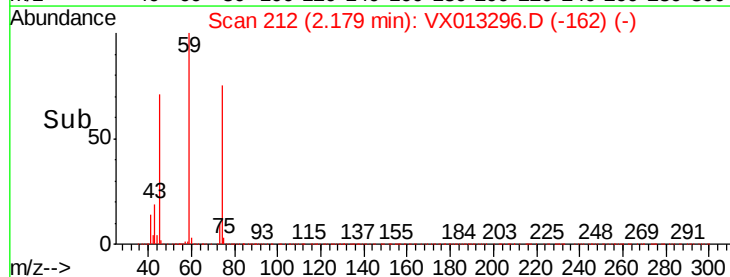
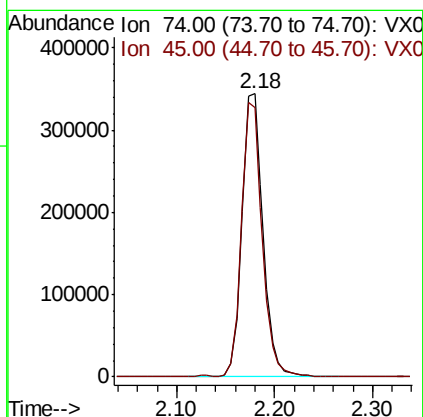
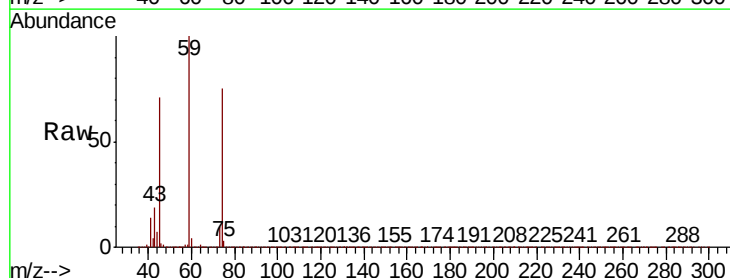
Tot Ion:101 Resp: 1132629
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

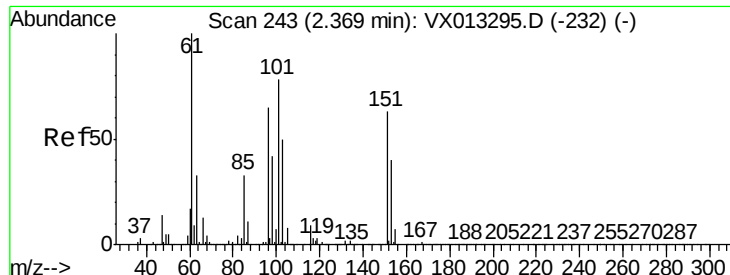


#8

Diethyl Ether
Concen: 126.416 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 74 Resp: 509748
Ion Ratio Lower Upper
74 100
45 95.1 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.795 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

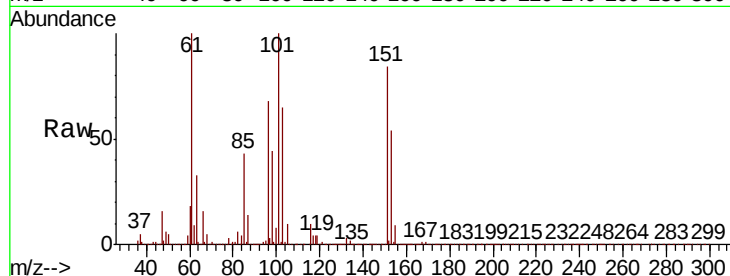
Tot Ion:101 Resp: 636219

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

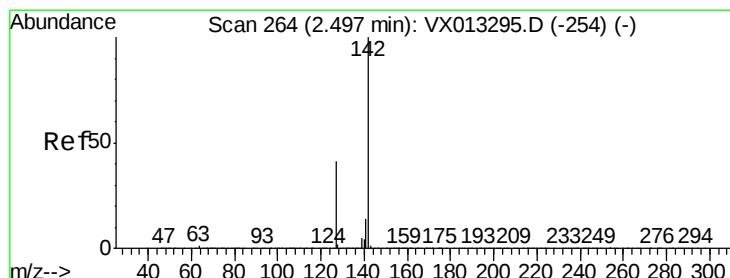
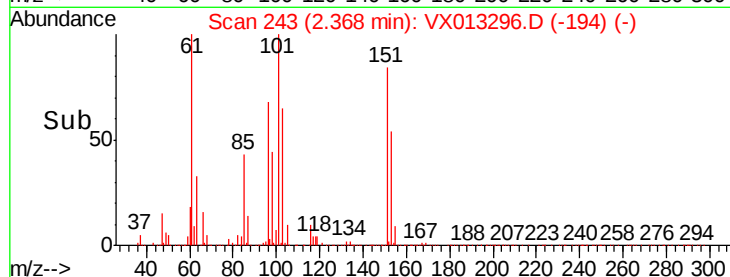
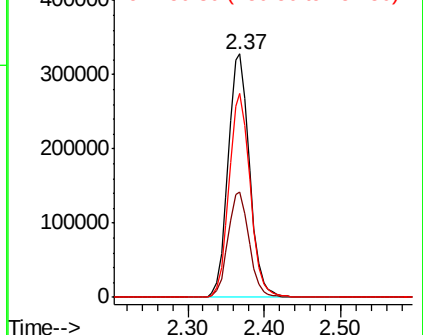
151 82.8 66.4 99.6



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: 107.188 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

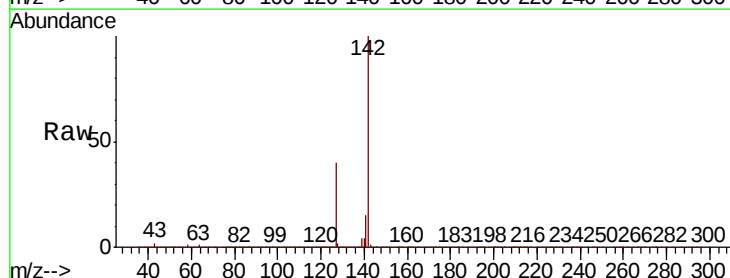
Tgt Ion:142 Resp: 875096

Ion Ratio Lower Upper

142 100

127 40.0 32.6 49.0

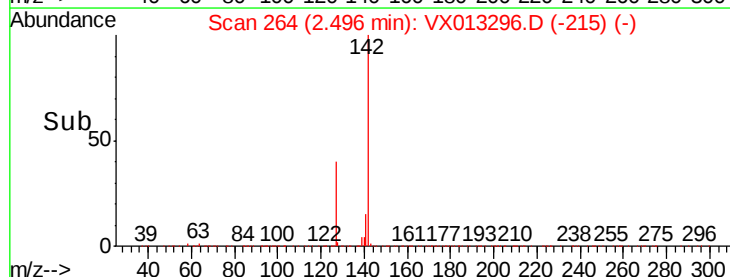
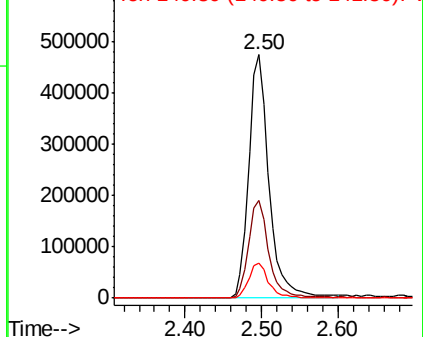
141 14.3 11.6 17.4

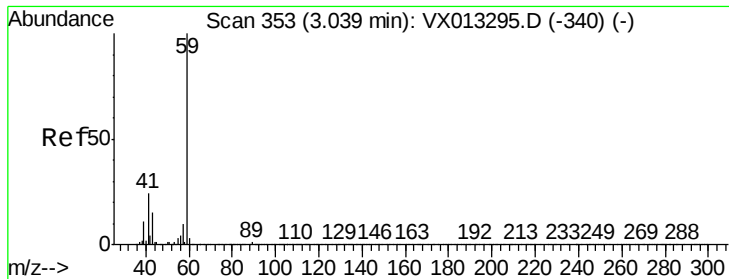


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



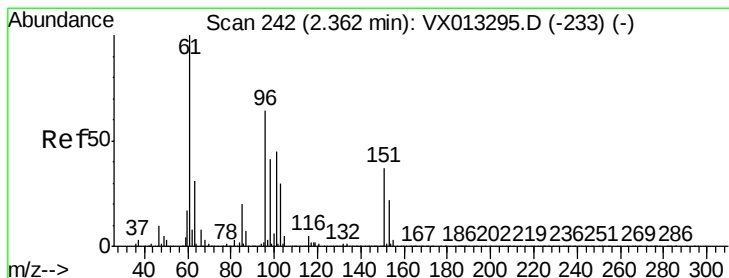
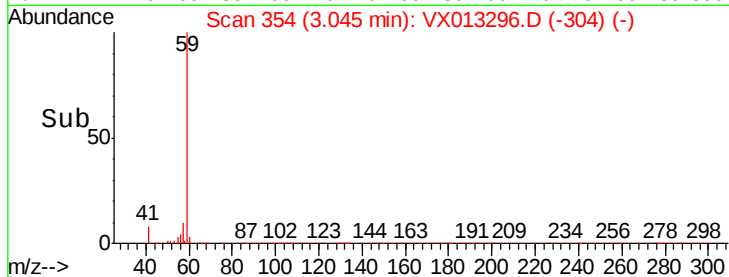
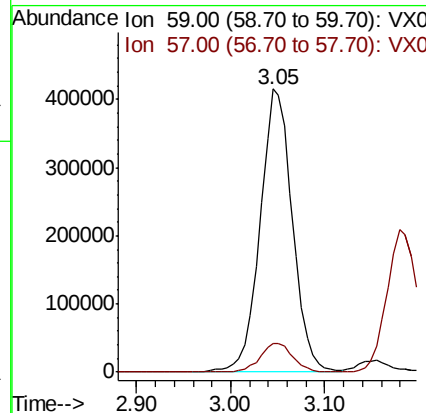
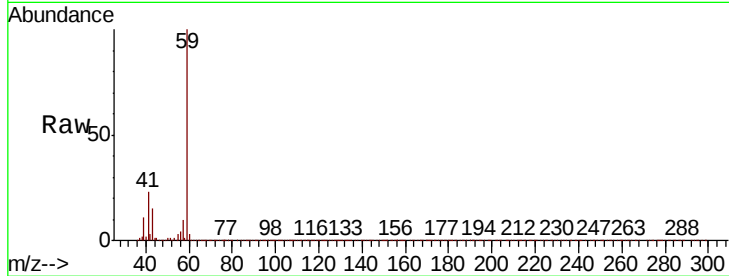


#11

Tert butyl alcohol
Concen: 554.317 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampled :

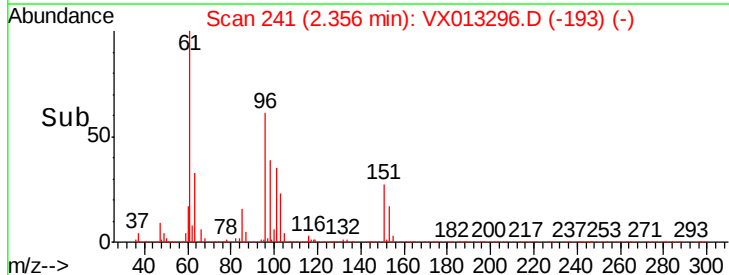
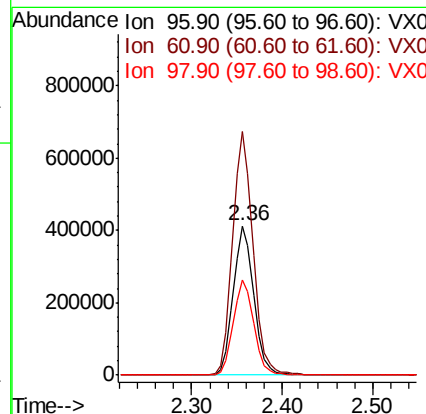
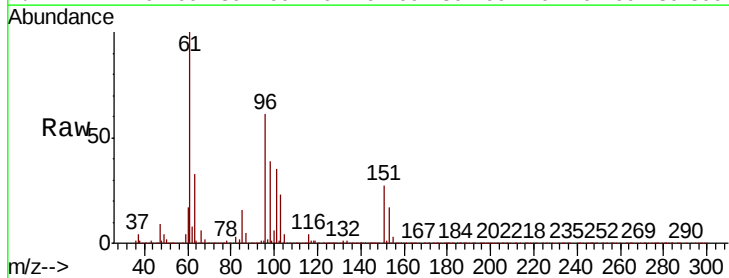
Tot Ion: 59 Resp: 995813
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

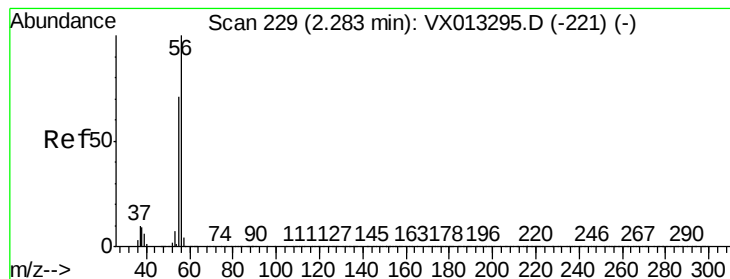


#12

1,1-Dichloroethene
Concen: 104.260 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 96 Resp: 646842
Ion Ratio Lower Upper
96 100
61 163.2 125.0 187.6
98 63.8 50.7 76.1





#13

Acrolein

Concen: 573.108 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

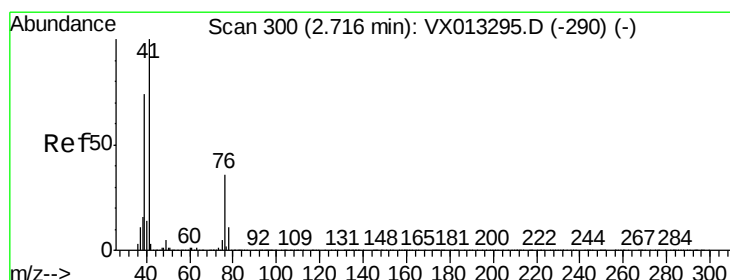
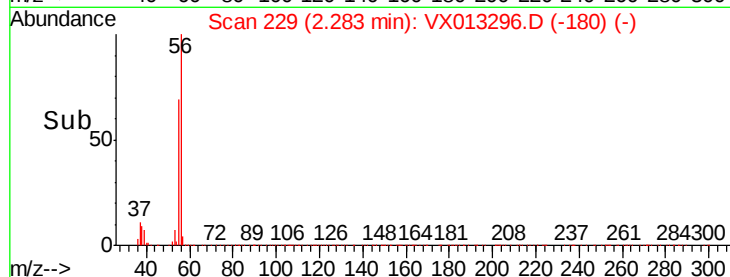
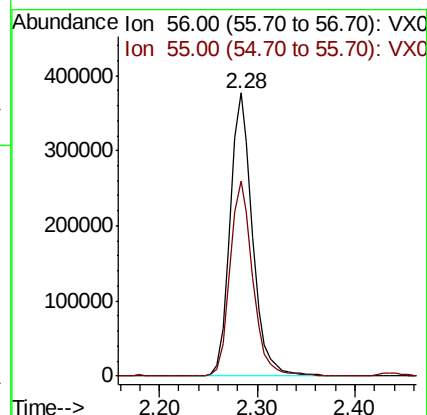
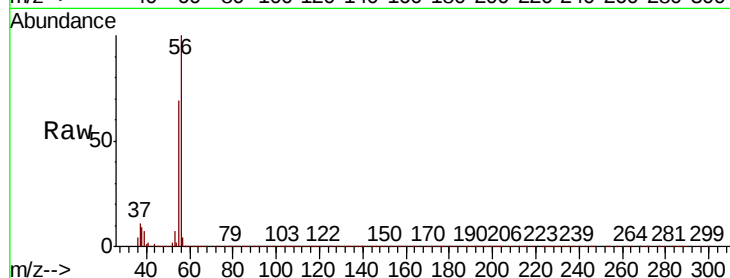
ClientSampleId :

Tot Ion: 56 Resp: 596059

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0



#14

Allyl chloride

Concen: 126.298 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

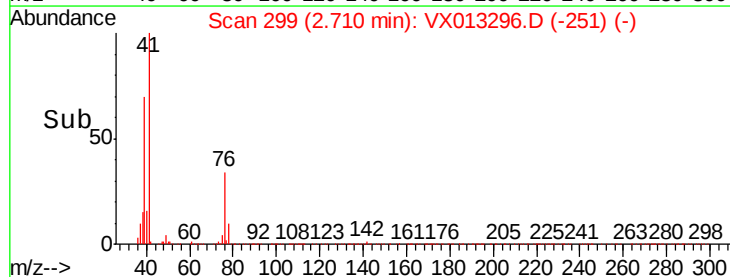
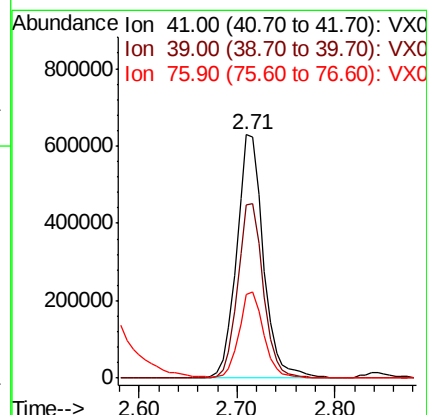
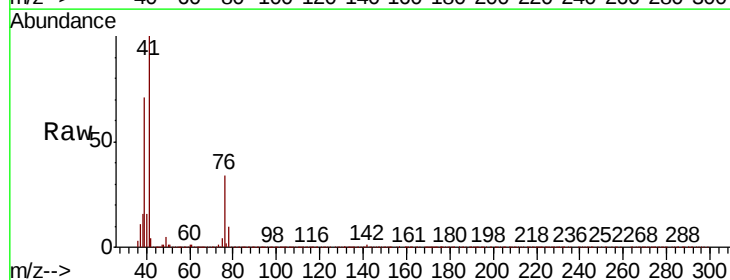
Tgt Ion: 41 Resp: 1188739

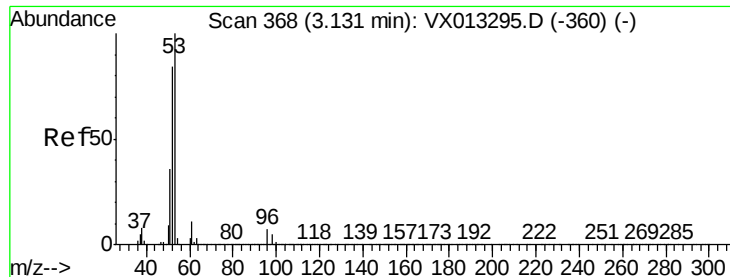
Ion Ratio Lower Upper

41 100

39 69.2 55.8 83.8

76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 588.333 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

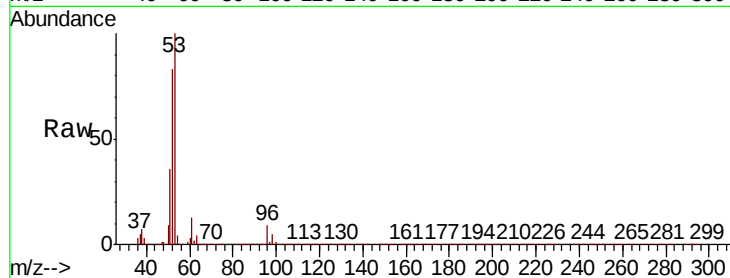
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 53 Resp: 2121386

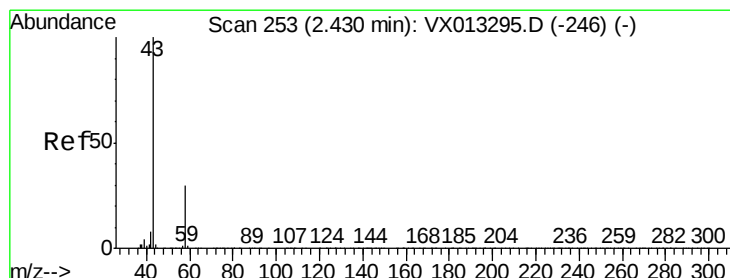
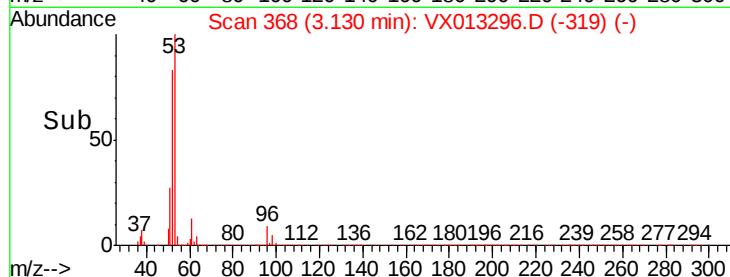
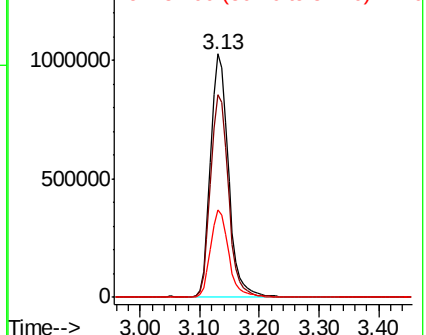
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.0
51	36.0	29.4	44.2



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: 573.538 ug/l

RT: 2.44 min Scan# 254

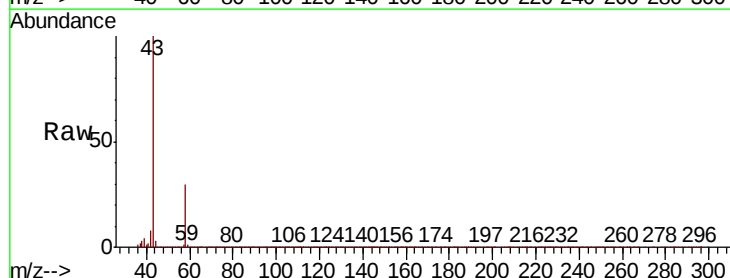
Delta R.T. 0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

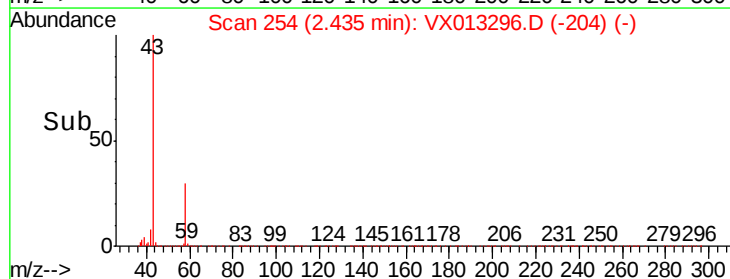
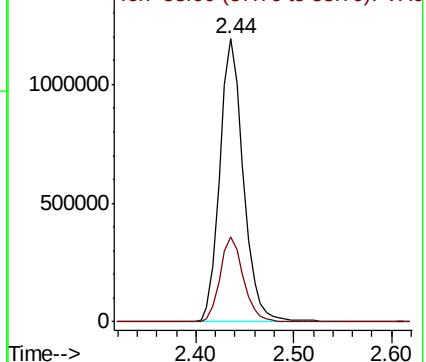
Tgt Ion: 43 Resp: 1993999

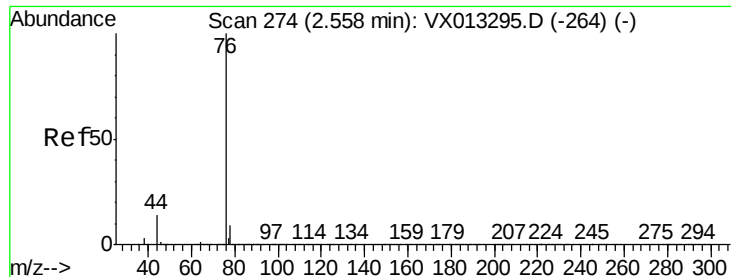
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 111.976 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

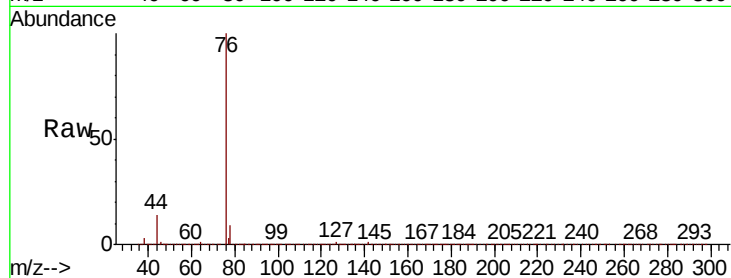
ClientSampleId :

Tot Ion: 76 Resp: 1795109

Ion Ratio Lower Upper

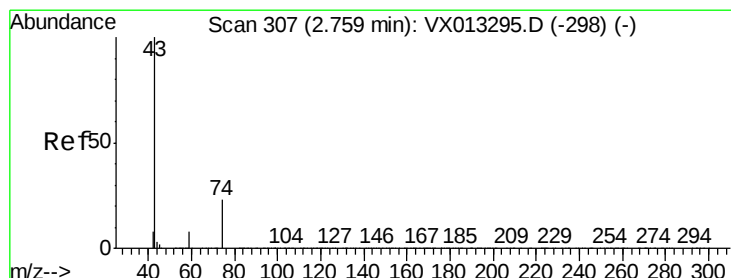
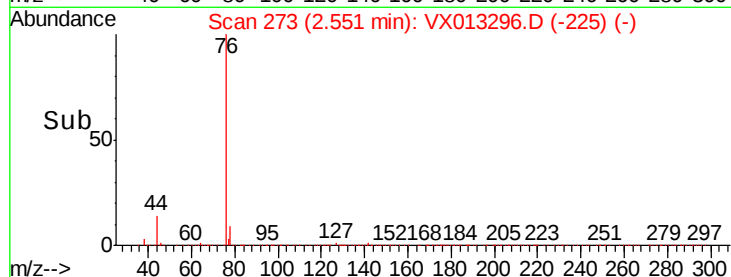
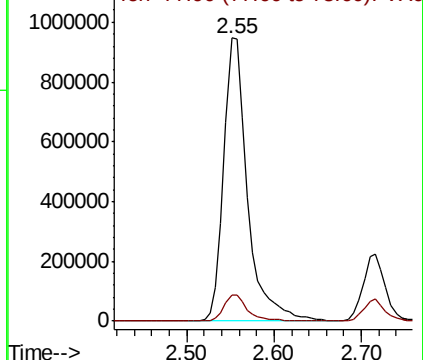
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 138.819 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013296.D

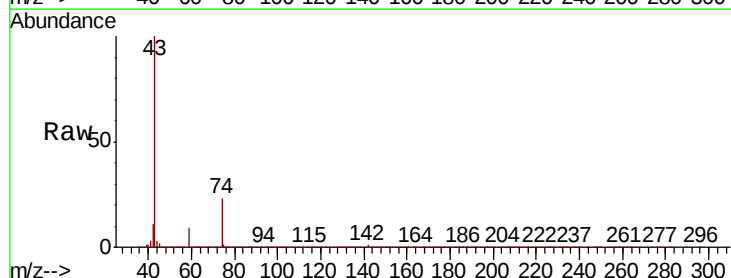
Acq: 31 Oct 2019 17:52

Tgt Ion: 43 Resp: 1161659

Ion Ratio Lower Upper

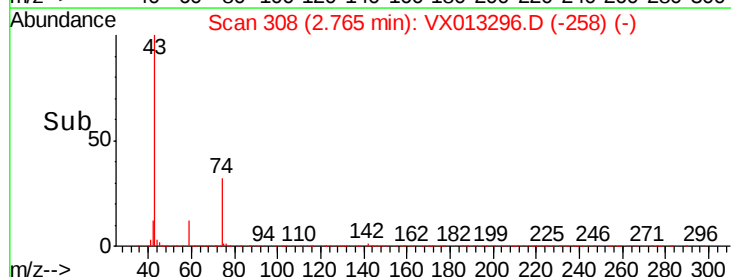
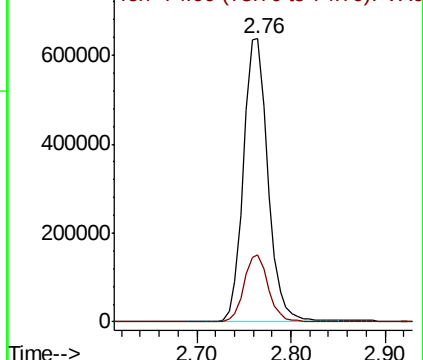
43 100

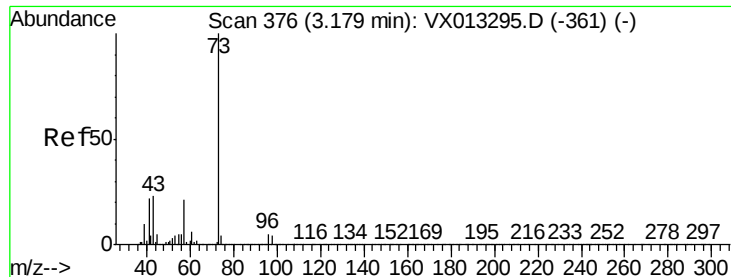
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

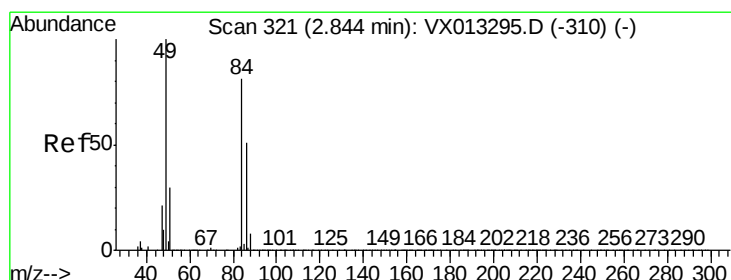
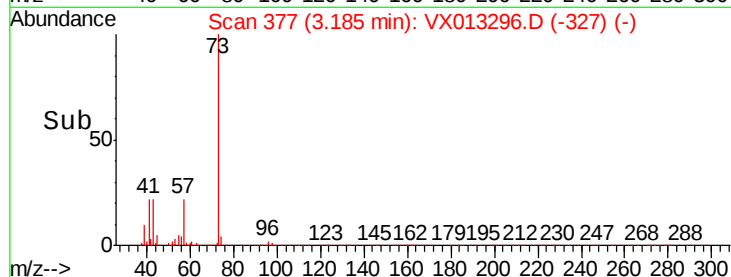
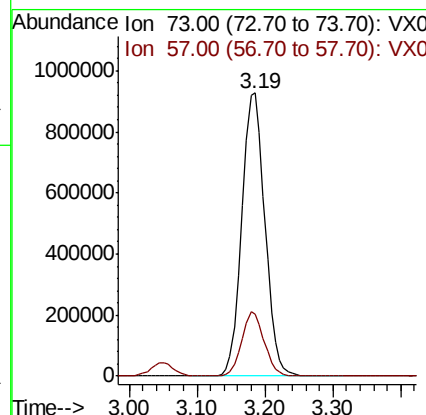
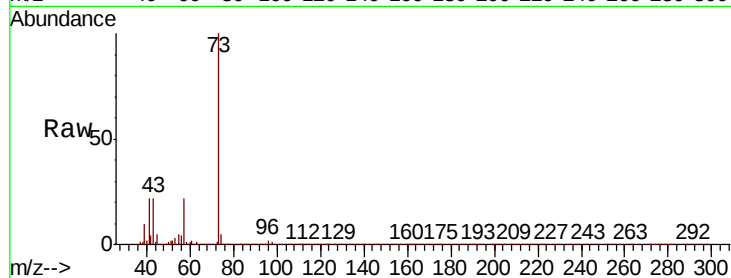




#19
Methvl tert-butvl Ether
Concen: 107.591 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

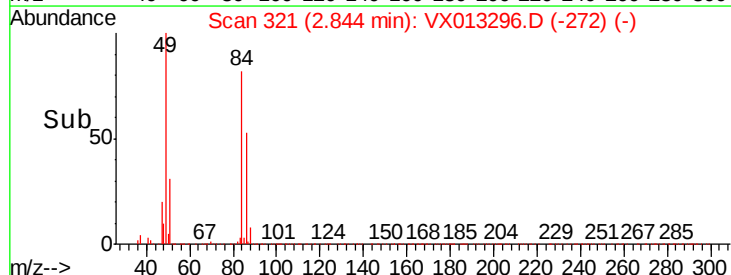
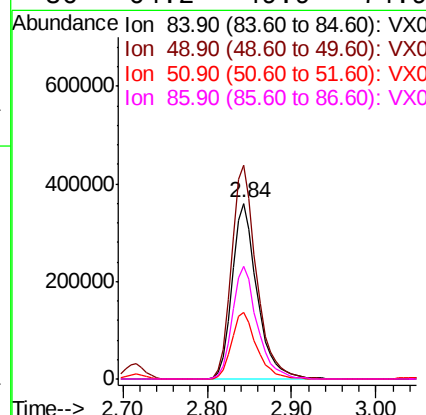
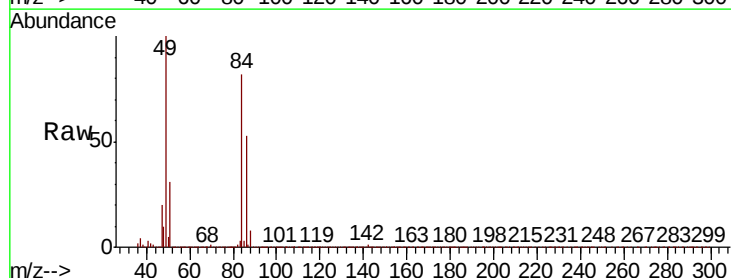
Instrument :
MSVOA_X
ClientSampleId :

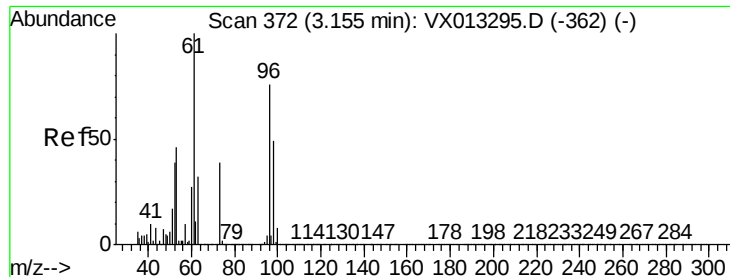
Tot Ion: 73 Resp: 2185143
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 101.313 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 84 Resp: 722757
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.4
51 37.5 29.9 44.9
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 104.646 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :

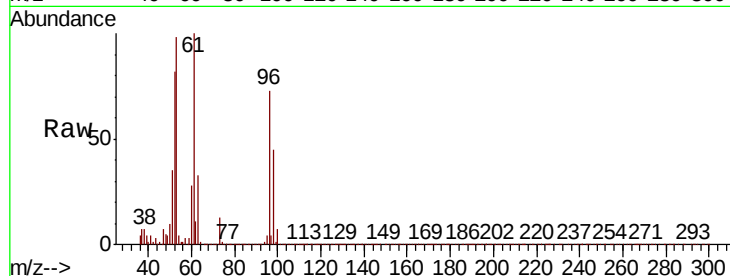
Tot Ion: 96 Resp: 692650

Ion Ratio Lower Upper

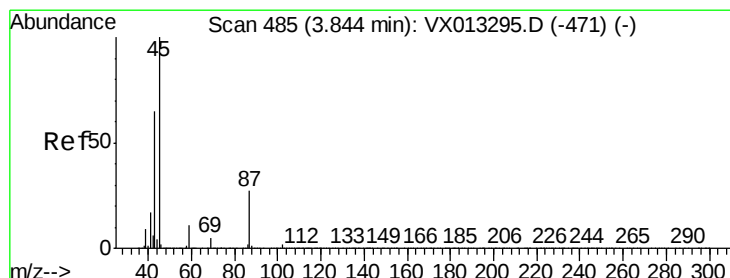
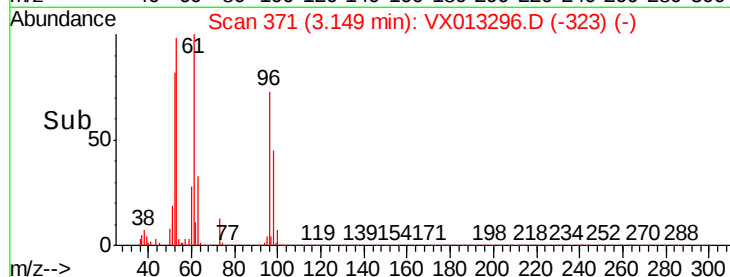
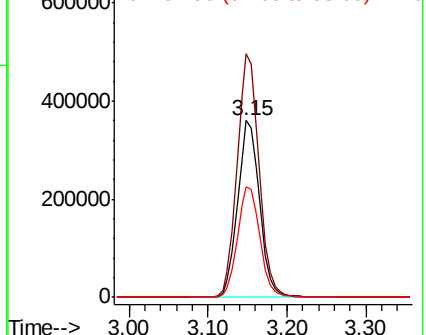
96 100

61 137.6 105.8 158.6

98 62.6 51.8 77.6



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



#22

Diisopropyl ether

Concen: 117.176 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion: 45 Resp: 2307889

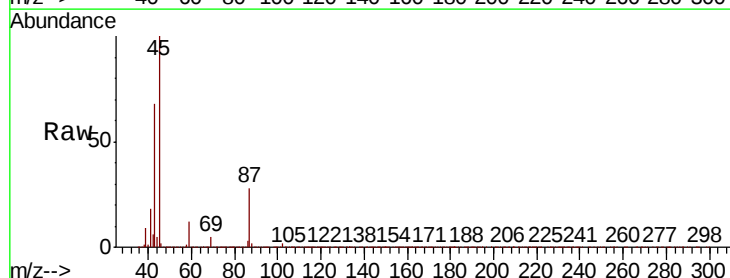
Ion Ratio Lower Upper

45 100

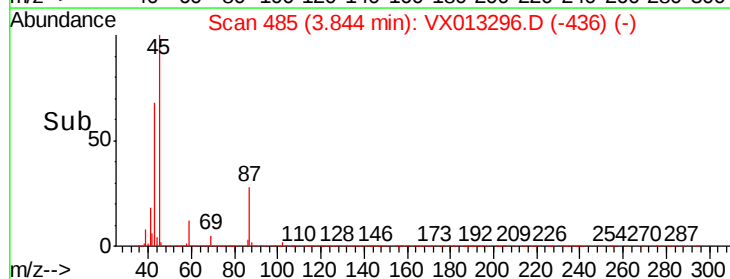
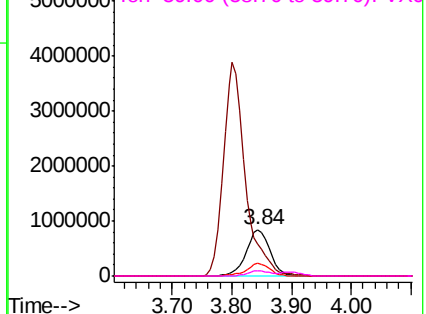
43 68.1 54.2 81.2

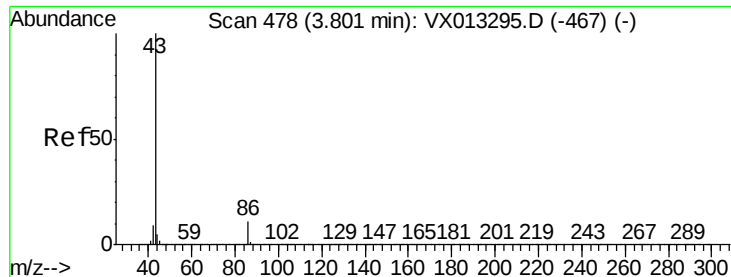
87 27.5 21.8 32.8

59 11.7 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 600.155 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

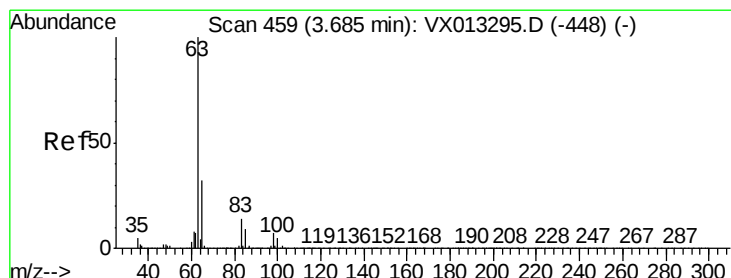
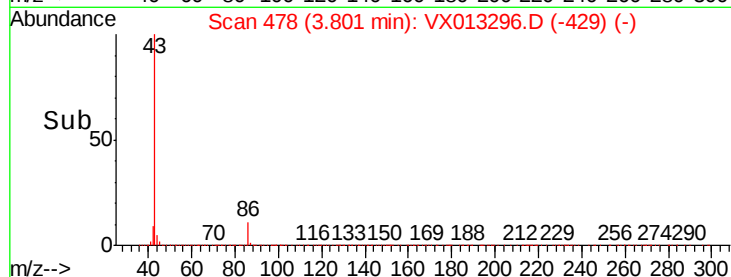
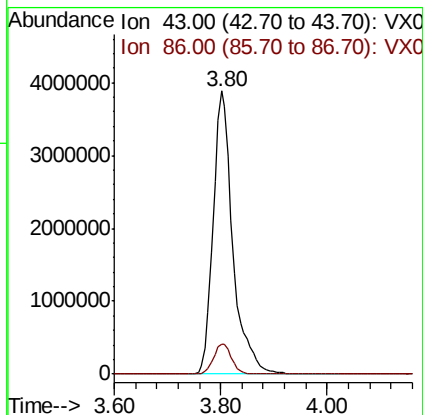
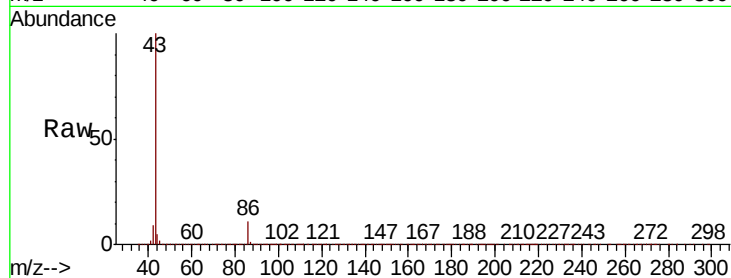
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 9956433

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 112.330 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

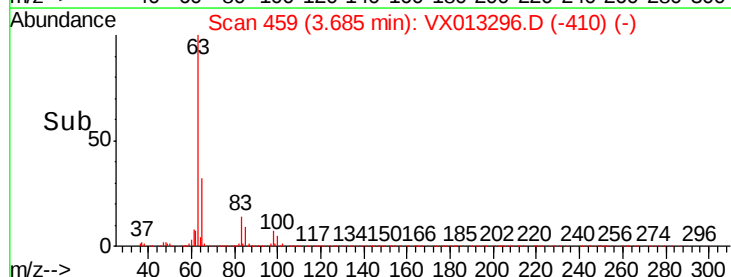
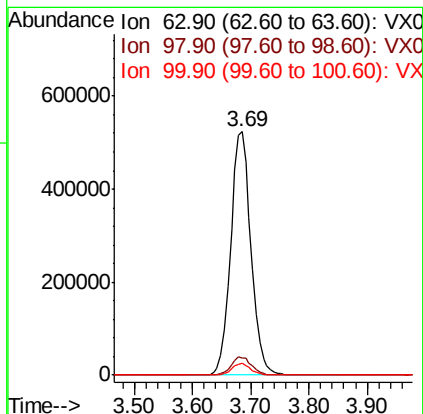
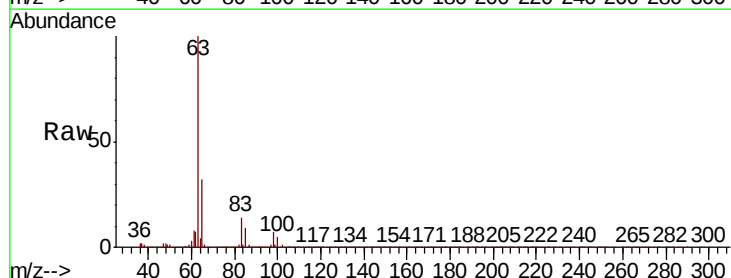
Tgt Ion: 63 Resp: 1268711

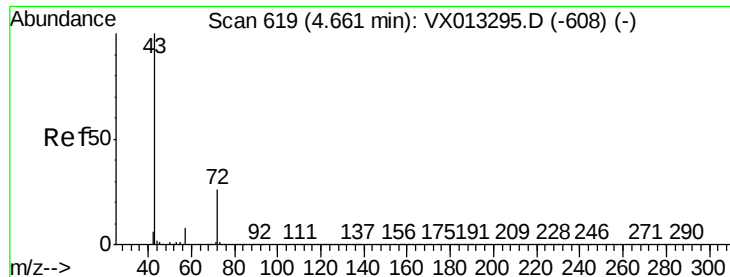
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 618.801 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

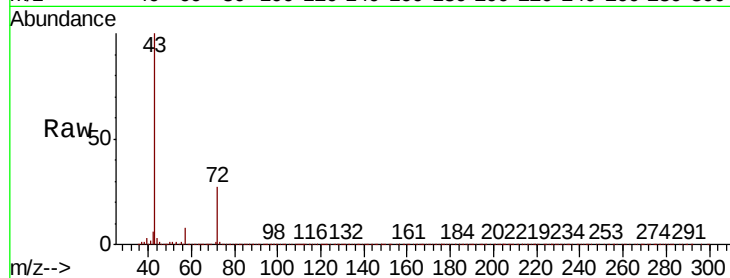
ClientSampled :

Tot Ion: 43 Resp: 3111051

Ion Ratio Lower Upper

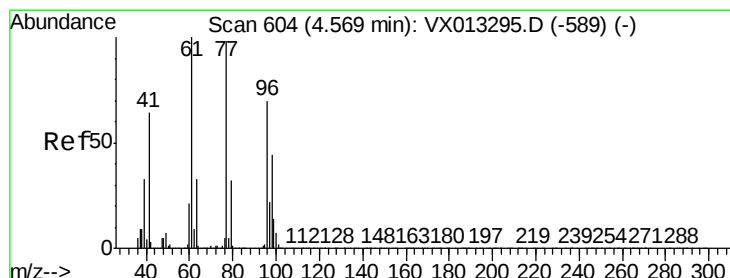
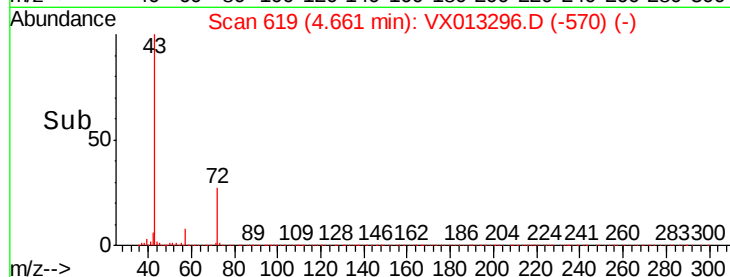
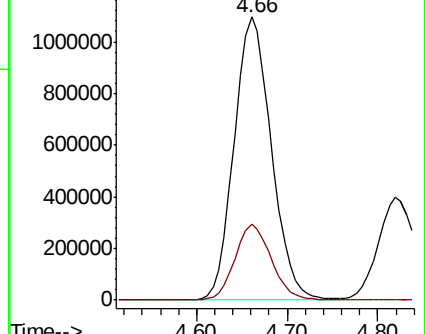
43 100

72 26.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 111.567 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013296.D

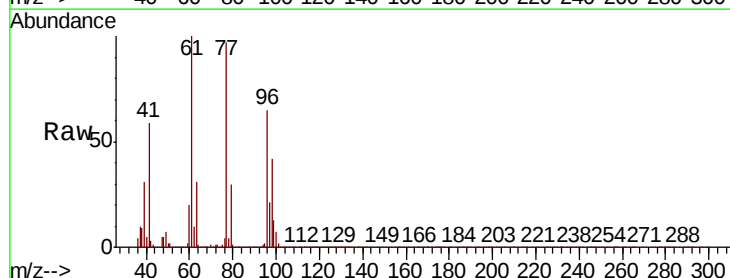
Acq: 31 Oct 2019 17:52

Tgt Ion: 77 Resp: 1026110

Ion Ratio Lower Upper

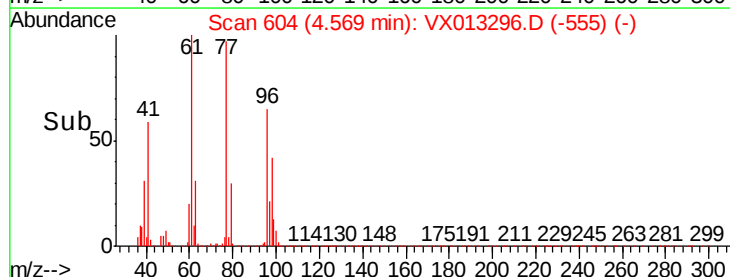
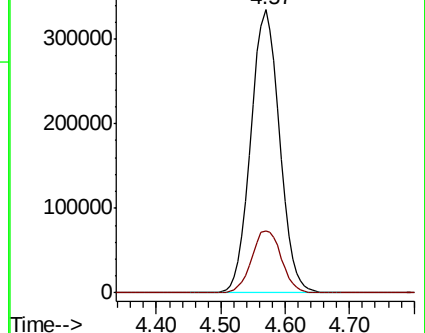
77 100

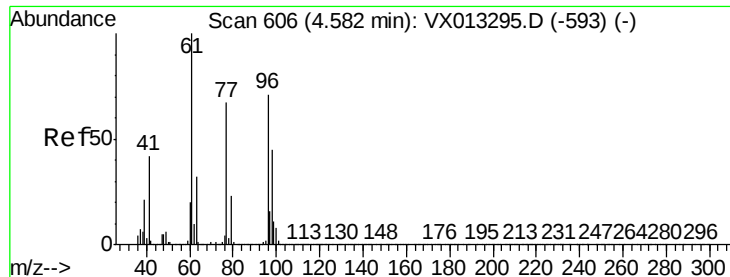
97 22.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



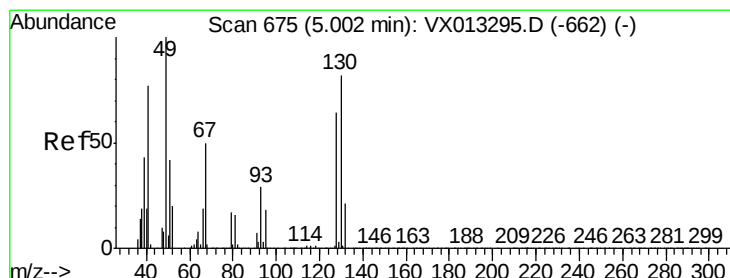
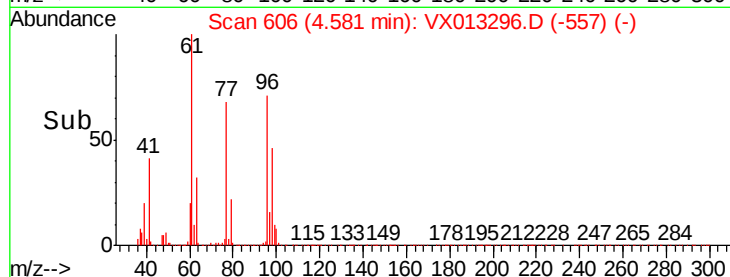
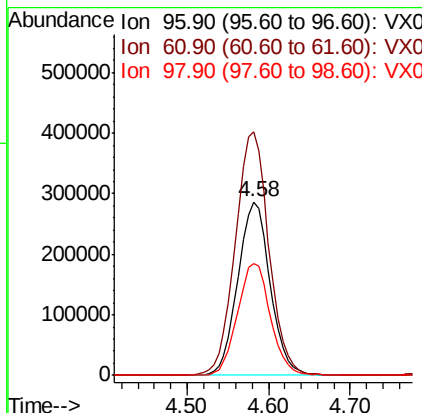
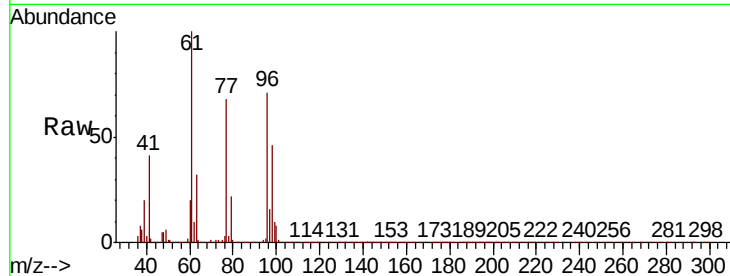


#27

cis-1,2-Dichloroethene
Concen: 102.605 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :

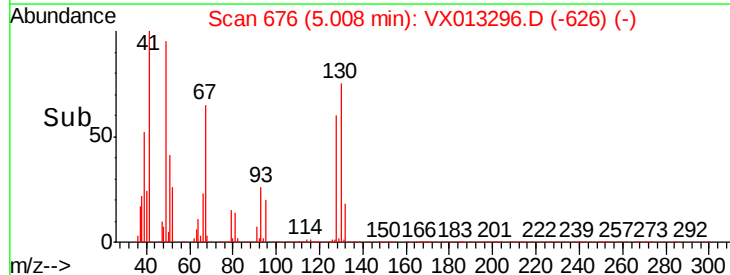
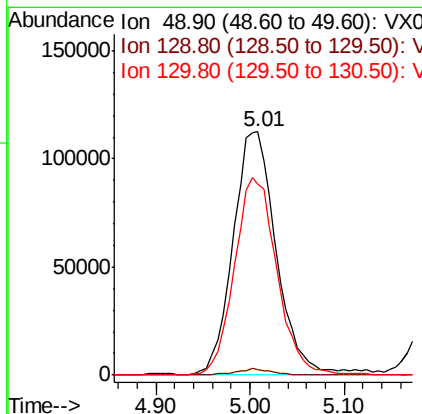
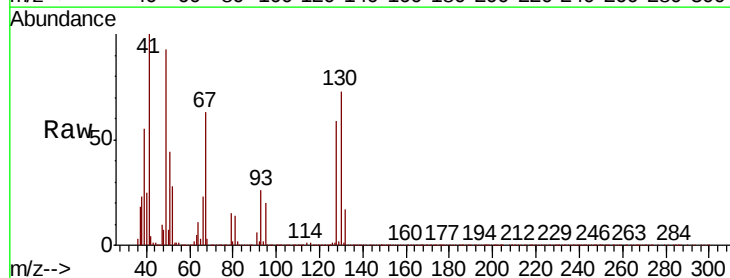
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	288.0
98	65.3	0.0	129.6

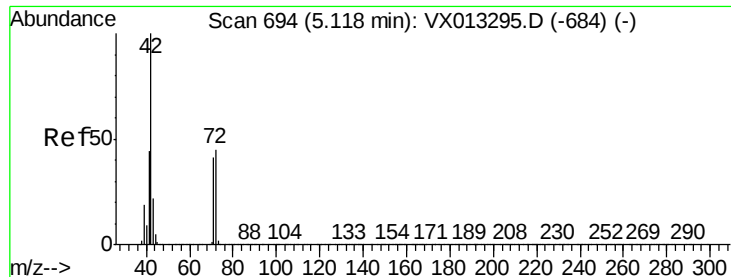


#28

Bromochloromethane
Concen: 71.991 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	81.1	63.8	95.6





#29

Tetrahydrofuran

Concen: 610.306 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

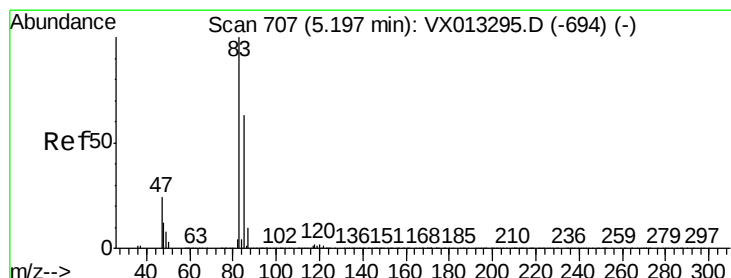
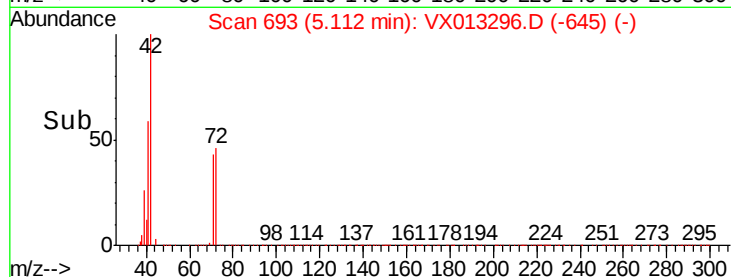
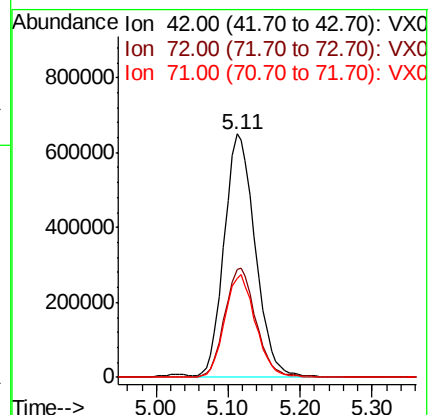
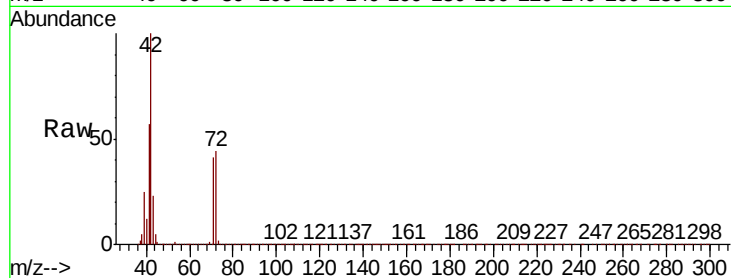
Tot Ion: 42 Resp: 1945983

Ion Ratio Lower Upper

42 100

72 45.3 35.8 53.8

71 41.8 33.4 50.0



#30

Chloroform

Concen: 103.068 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013296.D

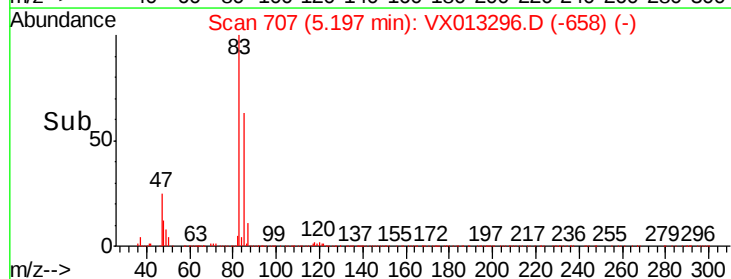
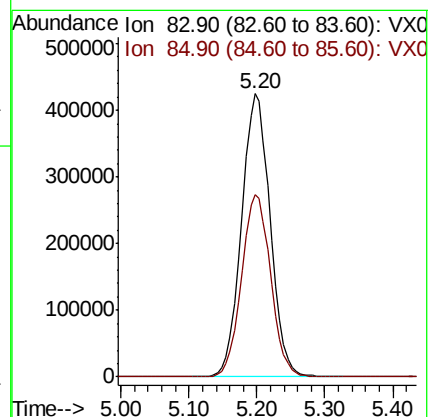
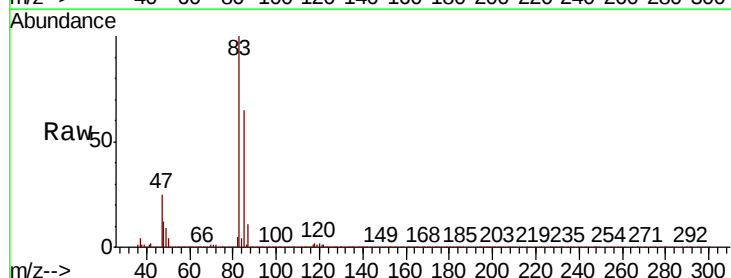
Acq: 31 Oct 2019 17:52

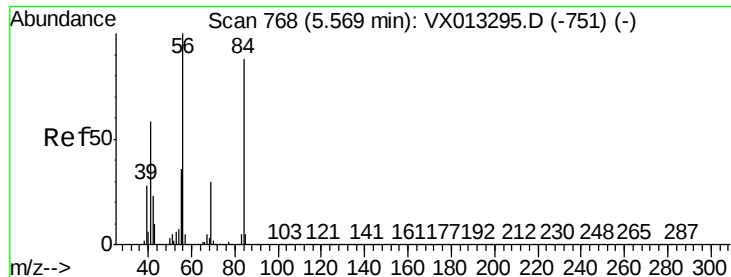
Tgt Ion: 83 Resp: 1241838

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4

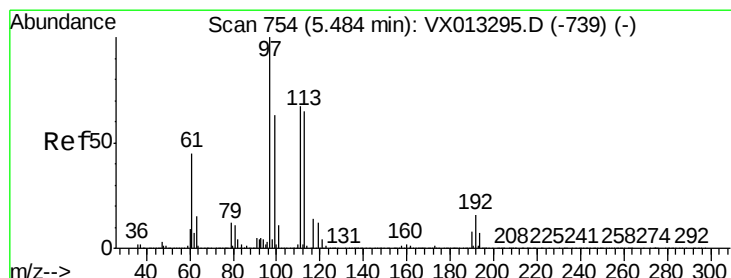
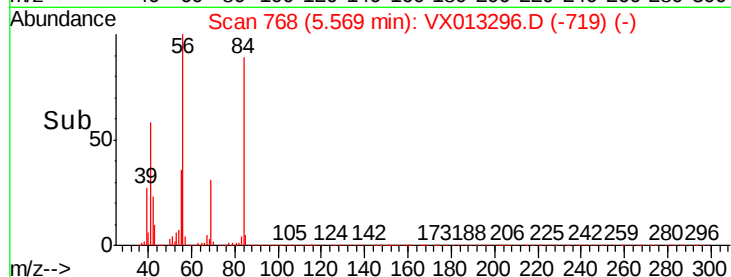
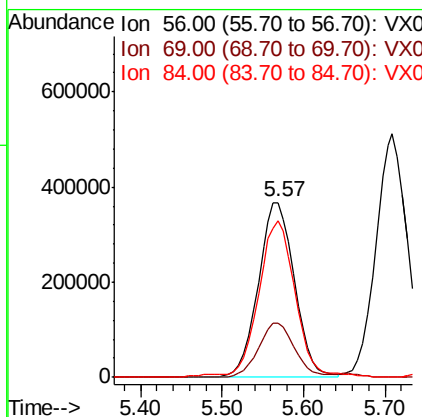
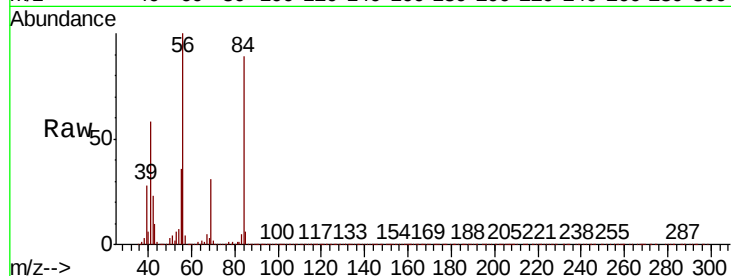




#31
Cyclohexane
Concen: 109.569 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

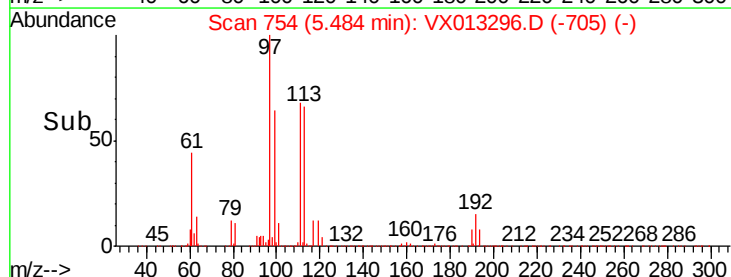
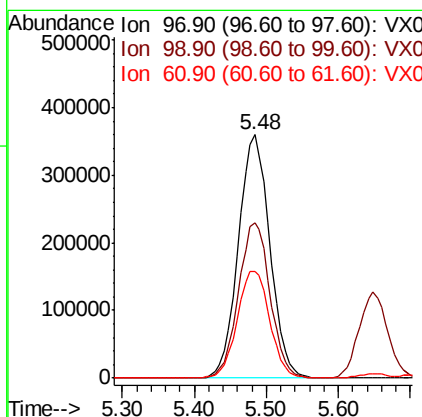
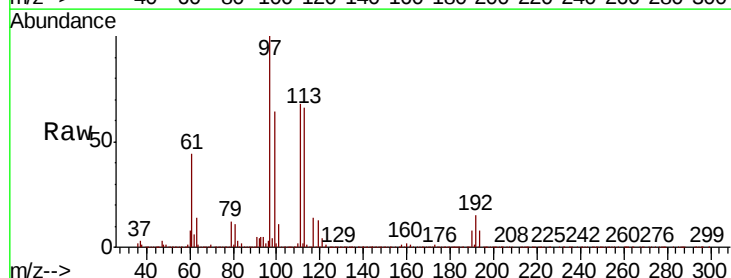
Instrument :
MSVOA_X
ClientSampleId :

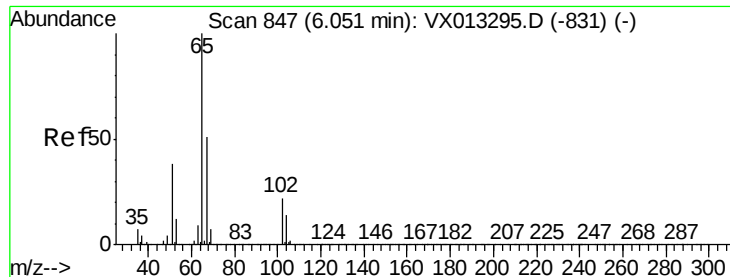
Tot Ion: 56 Resp: 1126118
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 88.6 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 105.600 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 97 Resp: 1092959
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 45.2 36.5 54.7

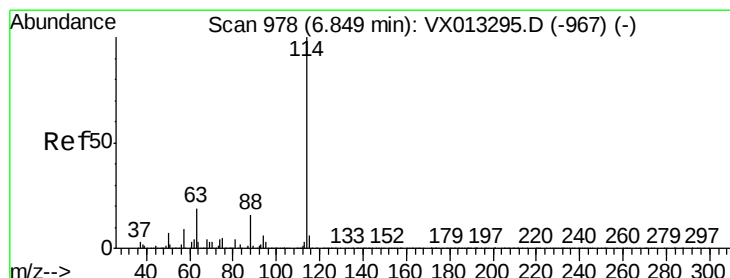
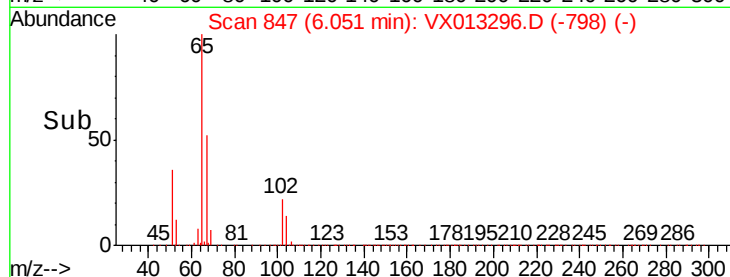
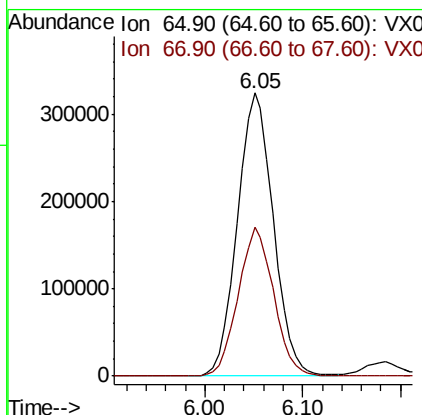
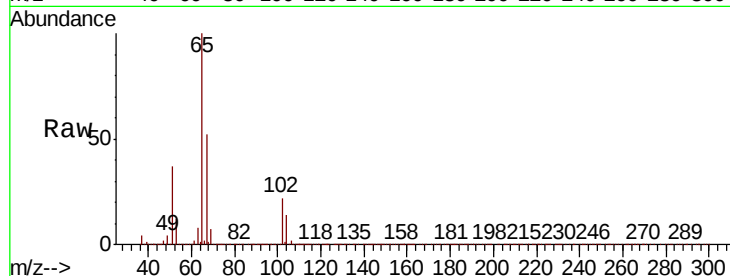




#33
 1,2-Dichloroethane-d4
 Concen: 109.549 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

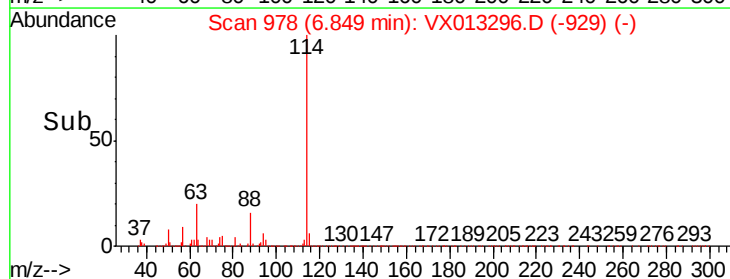
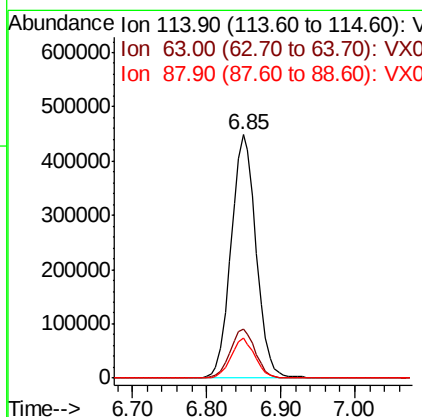
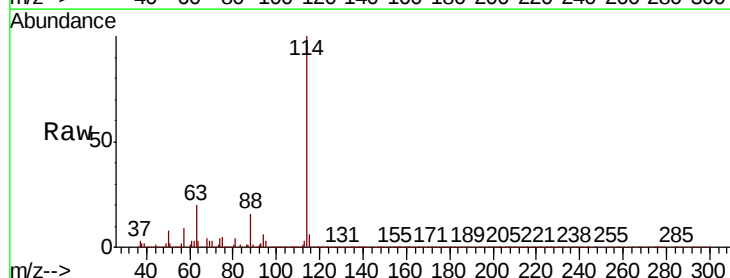
Instrument :
 MSVOA_X
 ClientSampleId :

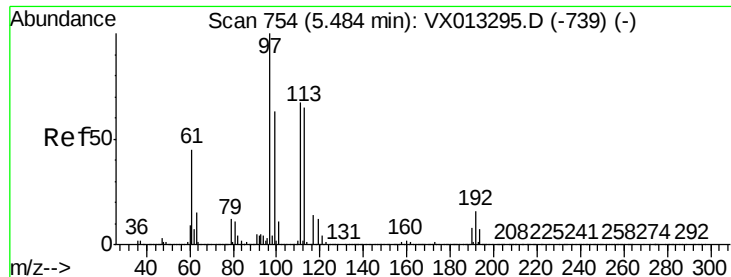
Tot Ion: 65 Resp: 827846
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion: 114 Resp: 1055186
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 16.1 0.0 32.2

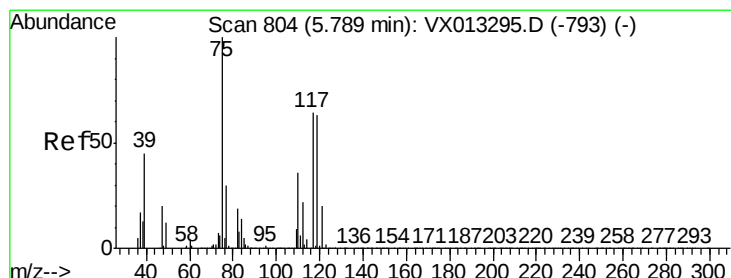
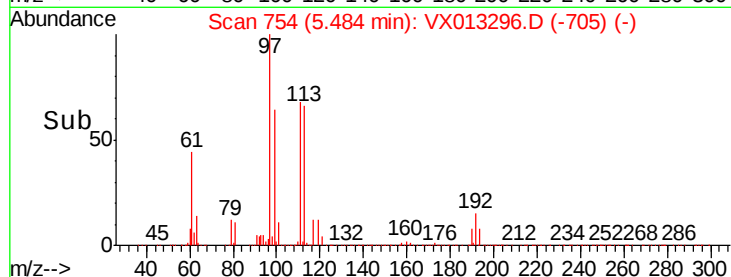
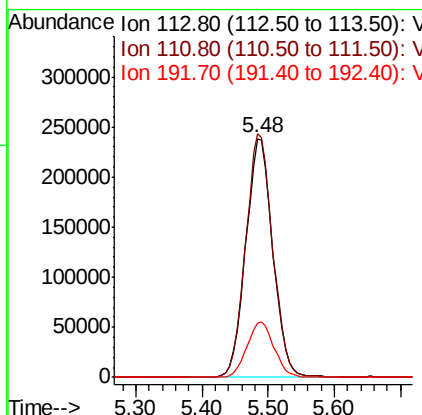
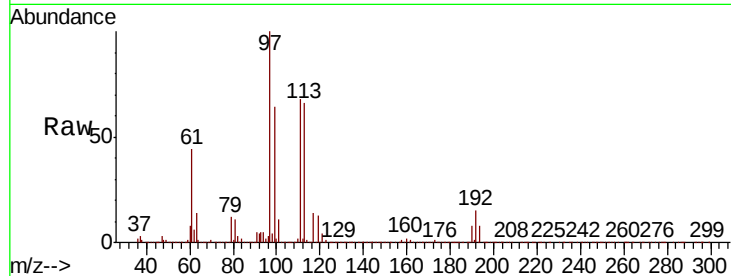




#35
 Dibromofluoromethane
 Concen: 101.410 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

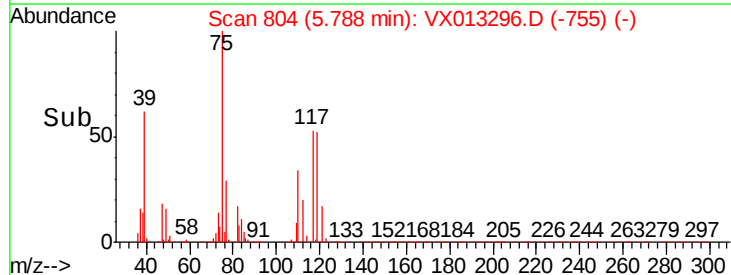
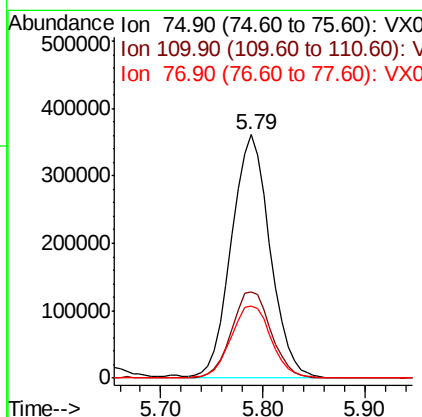
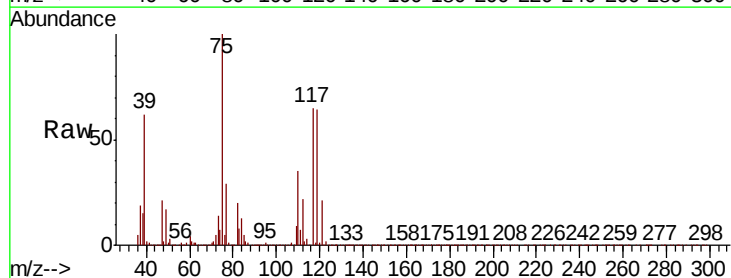
Instrument :
 MSVOA_X
 ClientSampled :

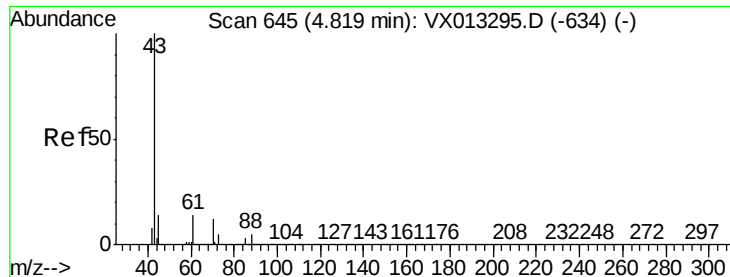
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 106.802 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.1
77	31.0	25.0	37.4

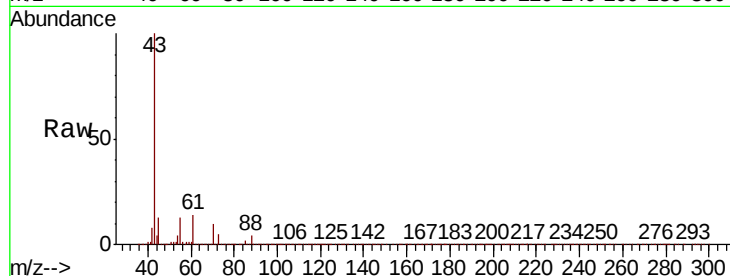




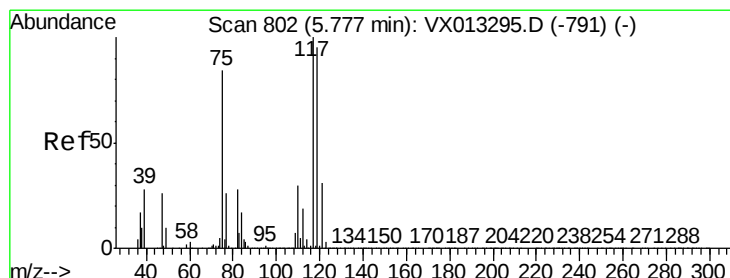
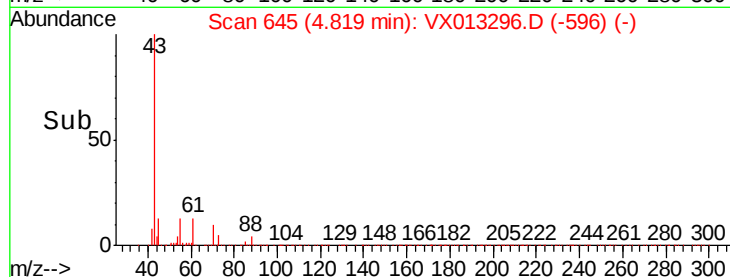
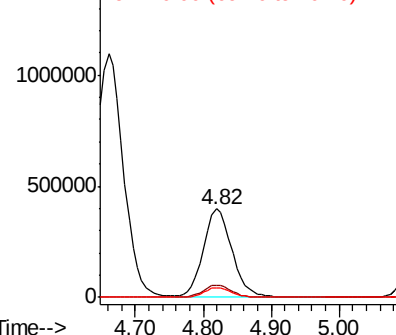
#37
Ethyl Acetate
Concen: 124.370 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1157189
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.7 8.7 13.1

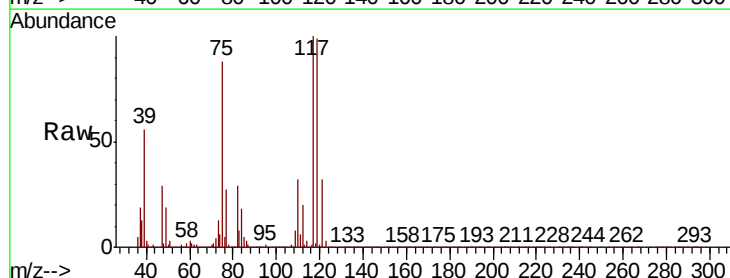


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

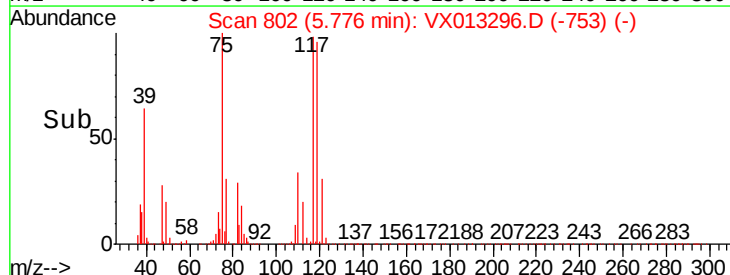
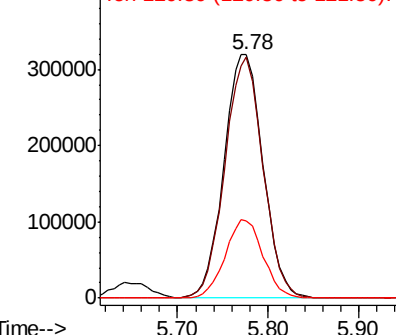


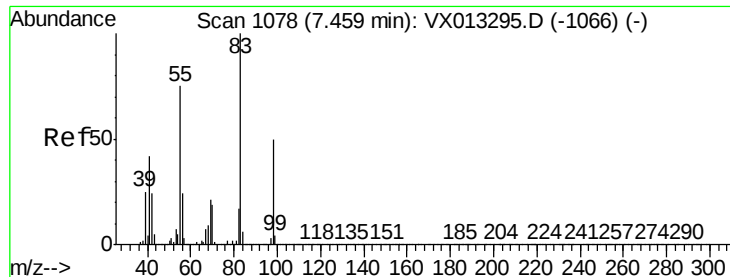
#38
Carbon Tetrachloride
Concen: 104.467 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 117 Resp: 947573
Ion Ratio Lower Upper
117 100
119 99.2 76.1 114.1
121 31.8 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

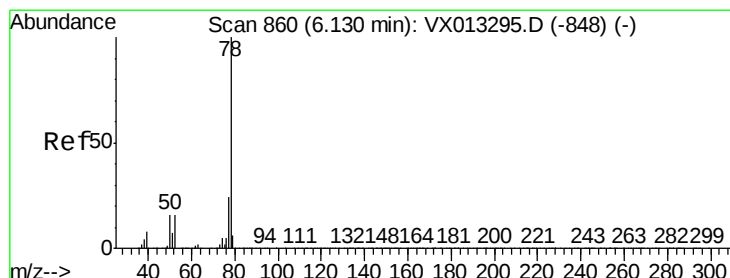
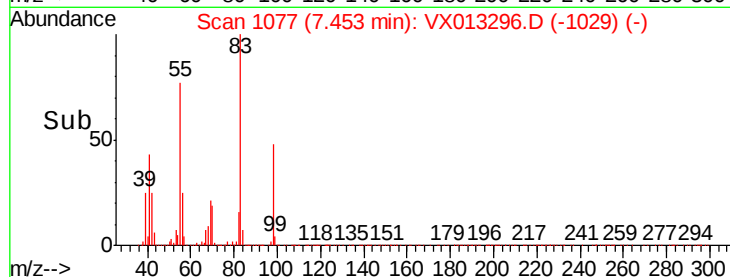
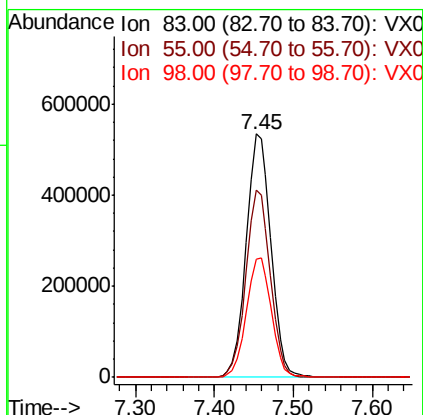
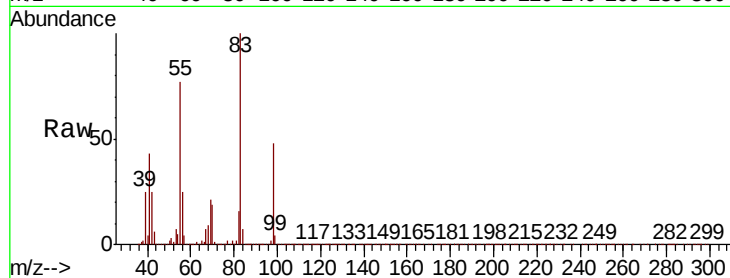




#39
Methvlcvclohexane
Concen: 103.304 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

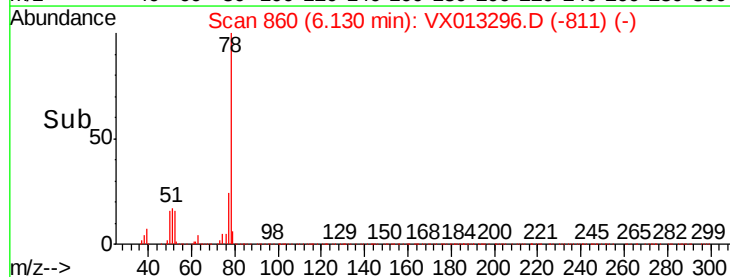
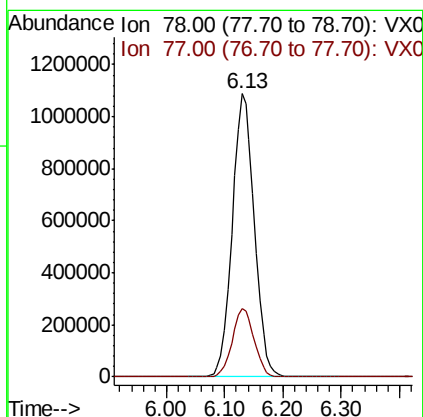
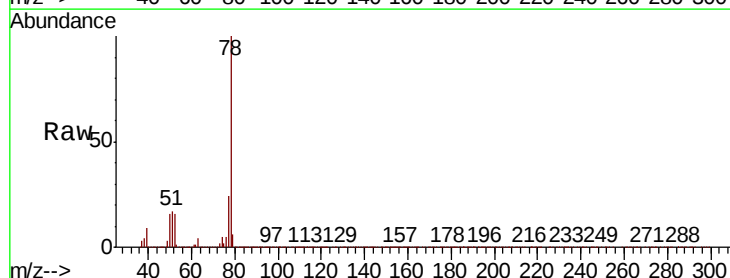
Instrument :
MSVOA_X
ClientSampleId :

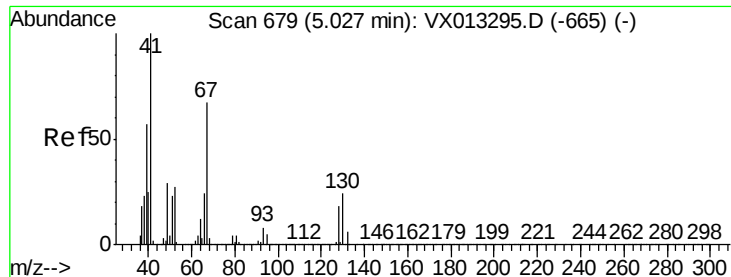
Tot Ion: 83 Resp: 1165708
Ion Ratio Lower Upper
83 100
55 77.0 60.3 90.5
98 48.3 40.3 60.5



#40
Benzene
Concen: 105.753 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 78 Resp: 2849357
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

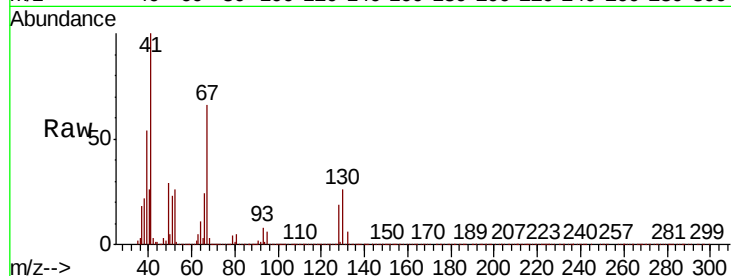




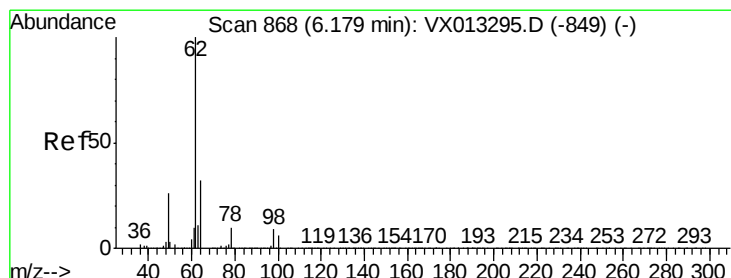
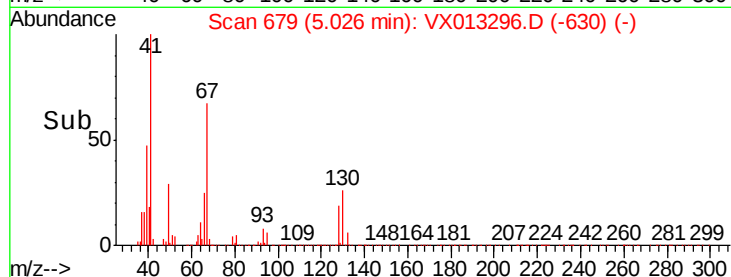
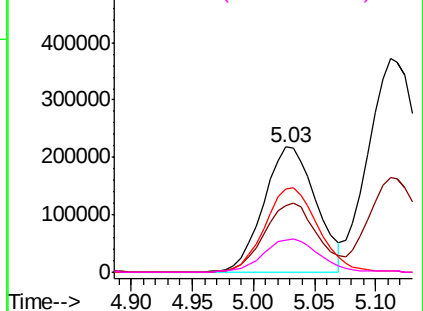
#41
Methacrylonitrile
Concen: 122.413 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	652229
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.6
67	68.5	55.4	83.2
52	28.7	23.1	34.7

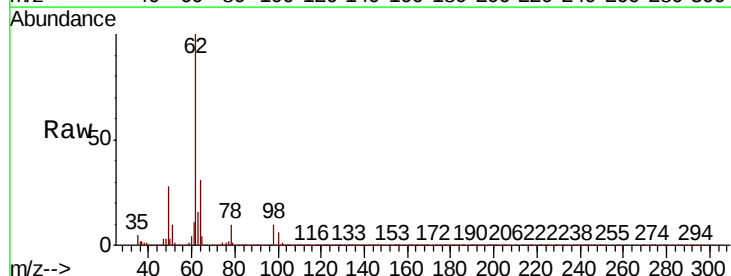


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

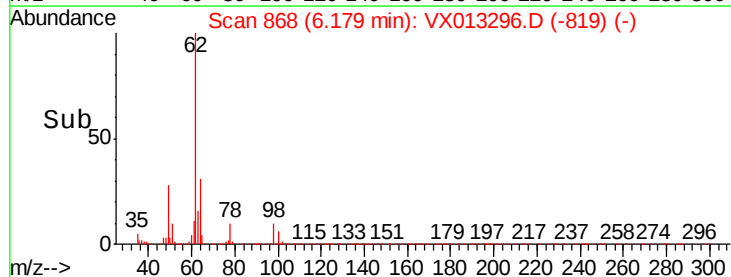
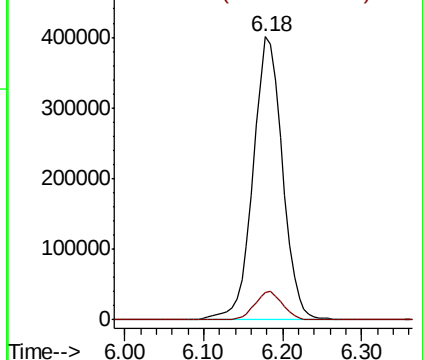


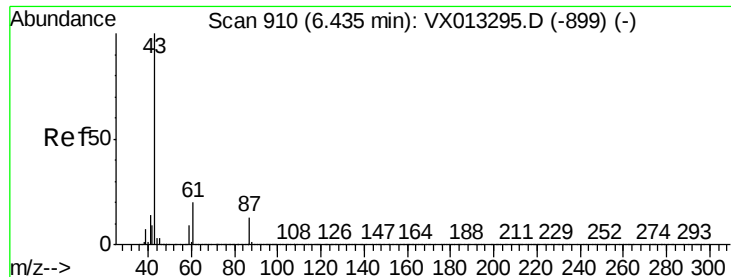
#42
1,2-Dichloroethane
Concen: 108.933 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:	62	Resp:	1037963
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4



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



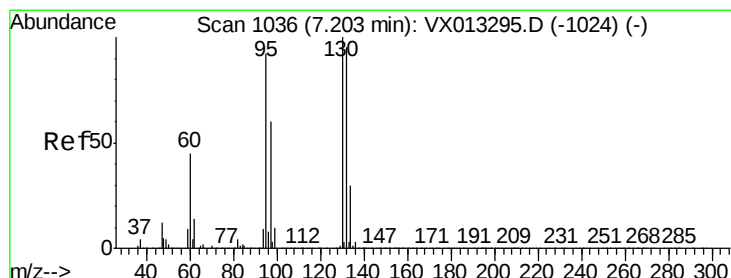
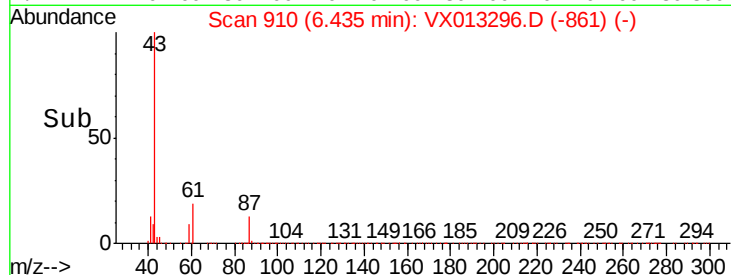
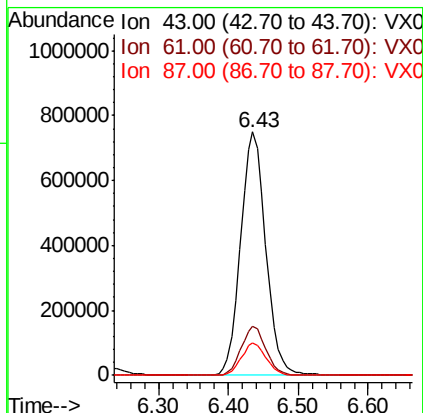
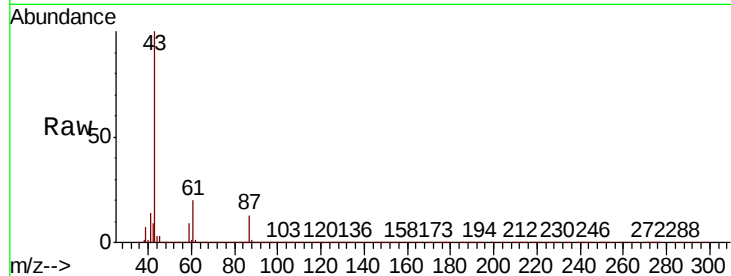


#43

Isopropyl Acetate
 Concen: 122.249 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :

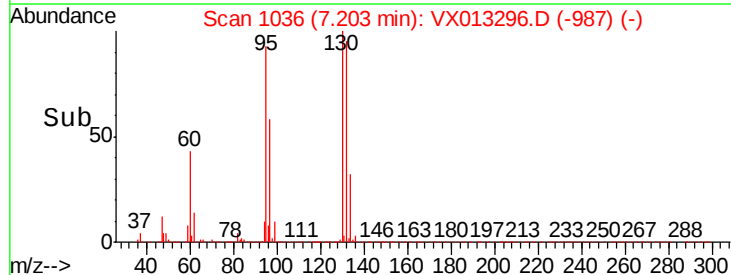
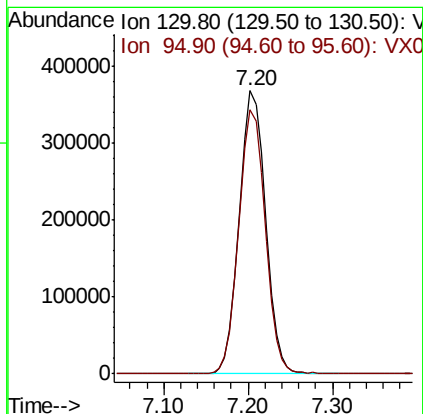
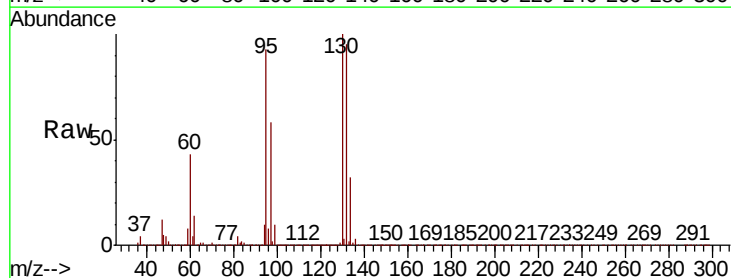
Tot Ion: 43 Resp: 1865100
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.8 23.8
 87 13.2 10.4 15.6

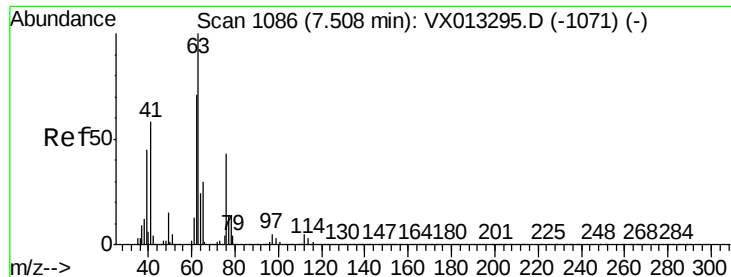


#44

Trichloroethene
 Concen: 98.701 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion: 130 Resp: 776784
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 184.8

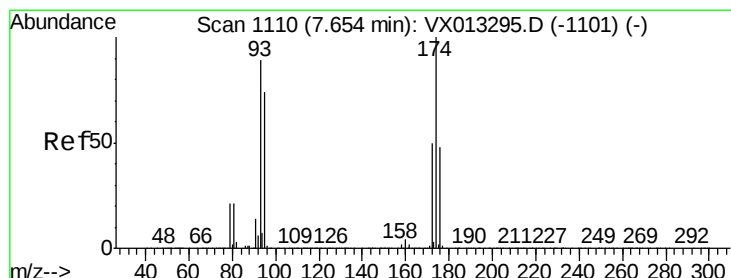
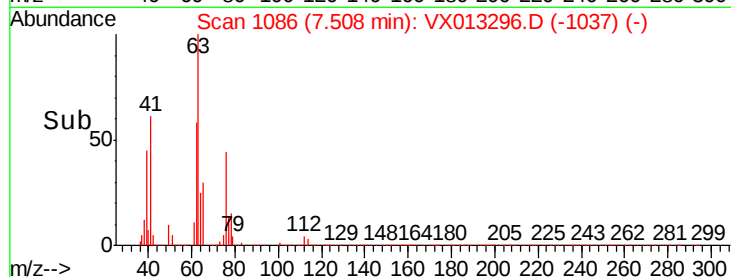
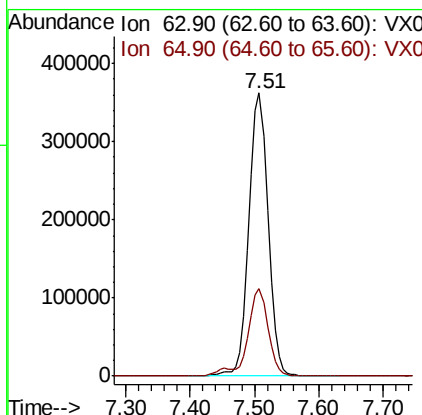
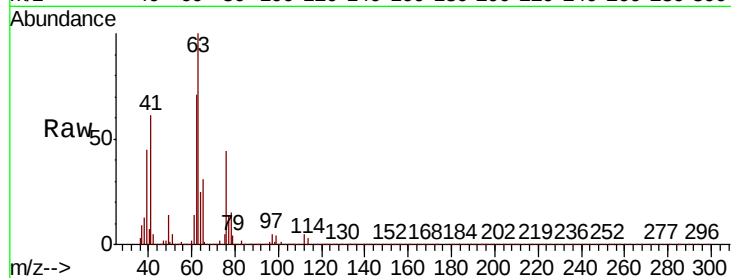




#45
 1,2-Dichloropropane
 Concen: 107.004 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

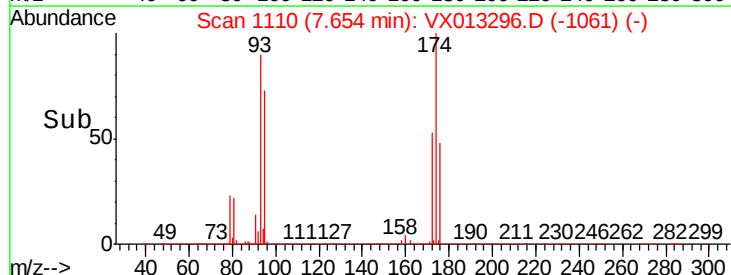
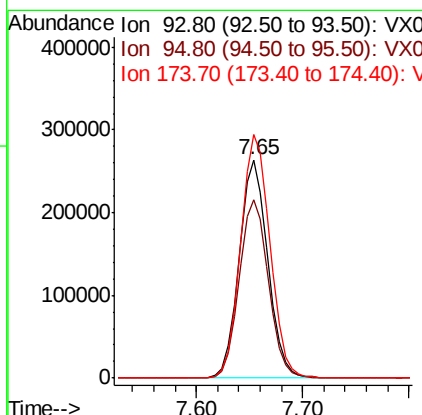
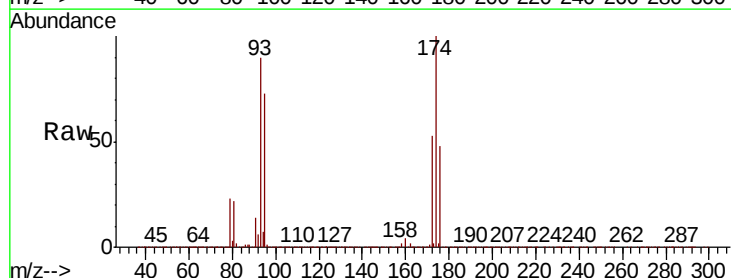
Instrument :
 MSVOA_X
 ClientSampleId :

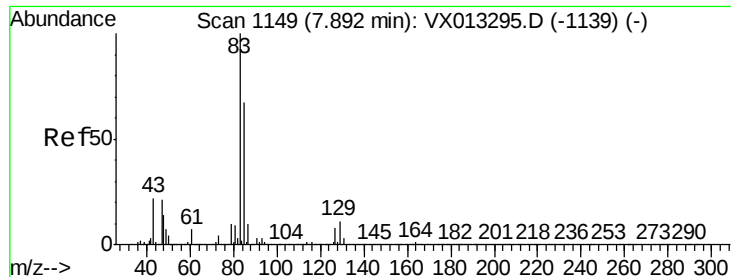
Tot Ion: 63 Resp: 736682
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 102.431 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion: 93 Resp: 498255
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.6
 174 114.7 90.4 135.6





#47

Bromodichloromethane

Concen: 113.784 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :

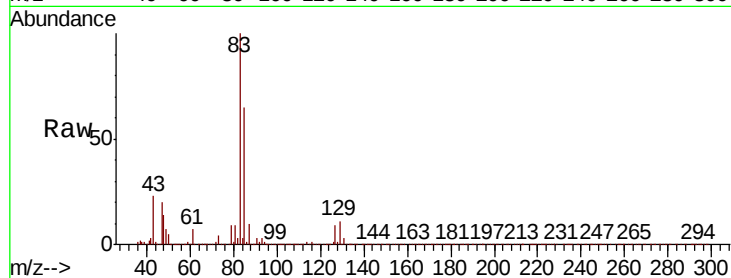
Tot Ion: 83 Resp: 997879

Ion Ratio Lower Upper

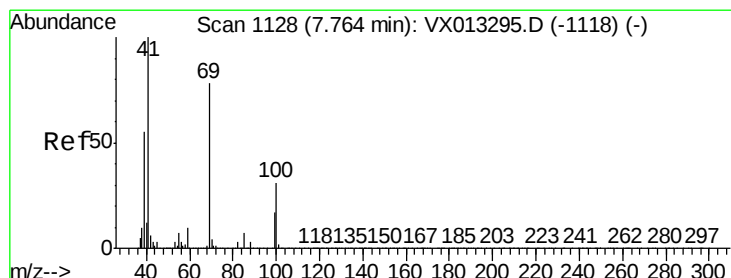
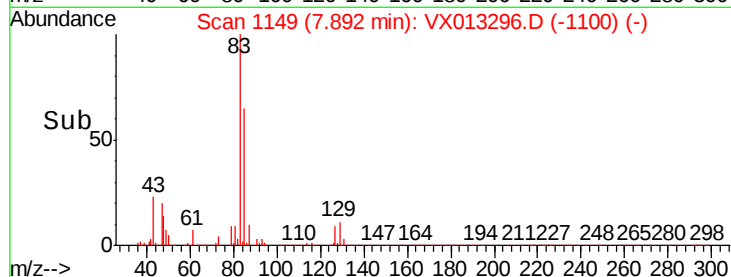
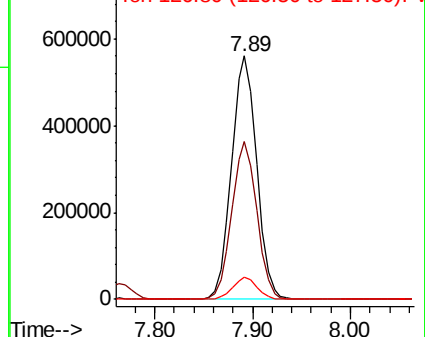
83 100

85 64.6 53.7 80.5

127 9.1 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: 126.623 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

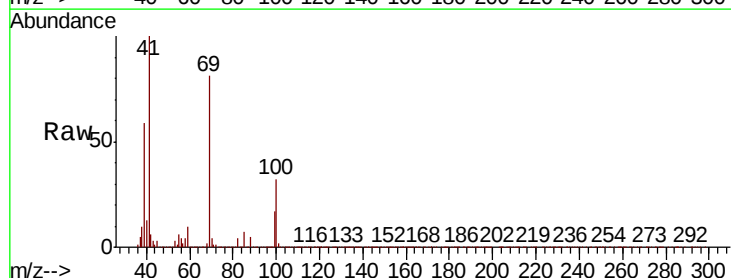
Tgt Ion: 41 Resp: 952168

Ion Ratio Lower Upper

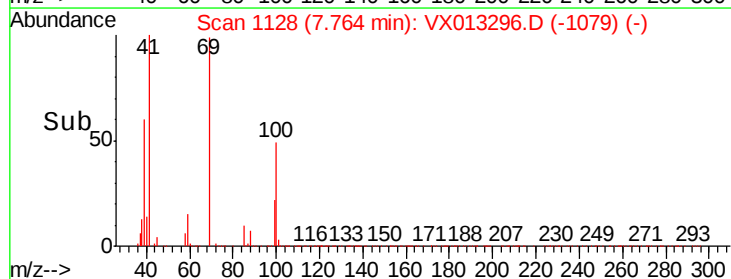
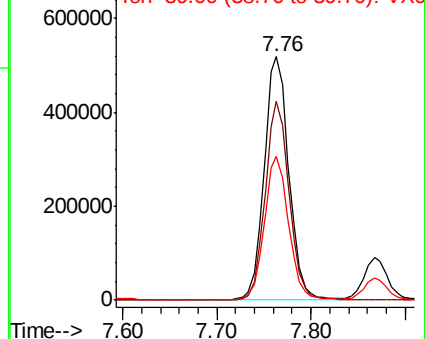
41 100

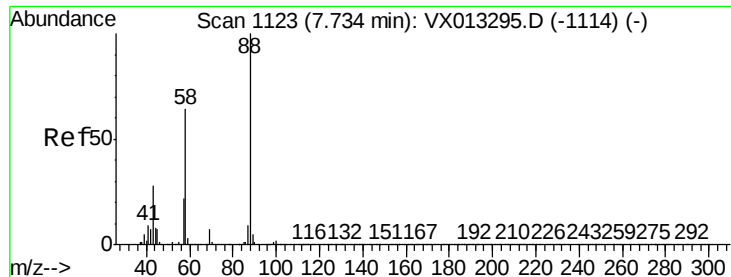
69 80.1 63.0 94.6

39 58.3 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: 2034.346 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

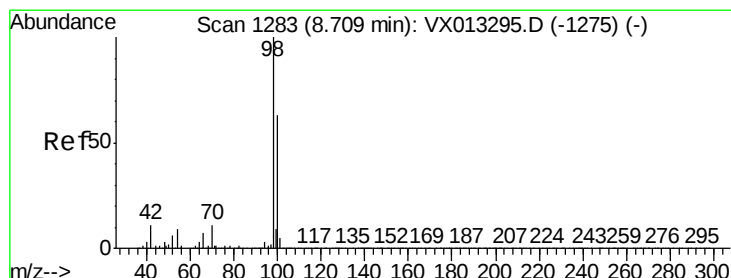
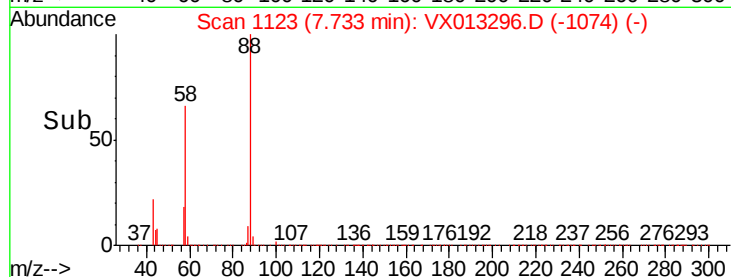
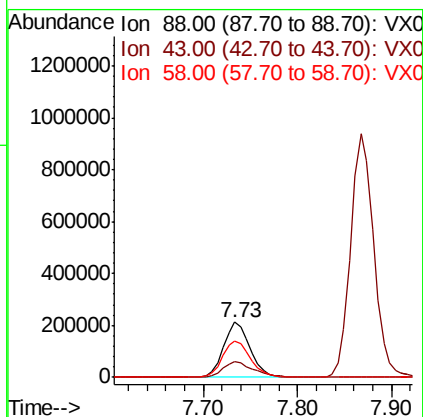
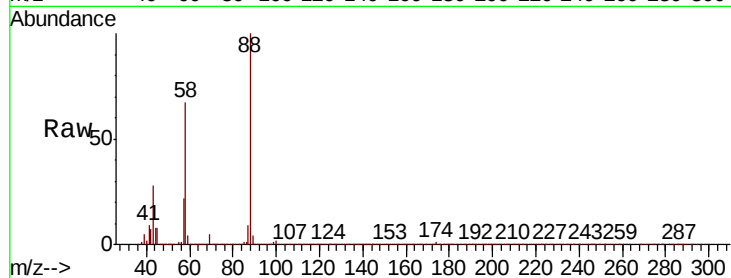
Tot Ion: 88 Resp: 408991

Ion Ratio Lower Upper

88 100

43 33.5 26.6 39.8

58 69.8 55.0 82.6



#50

Toluene-d8

Concen: 102.229 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013296.D

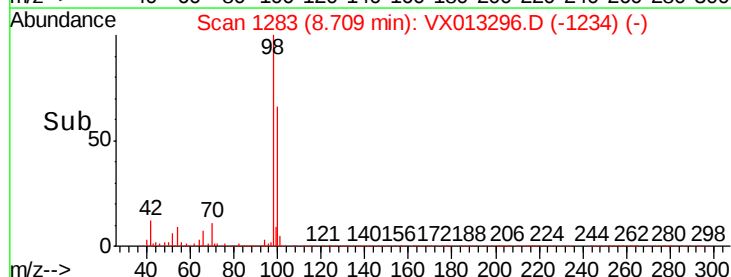
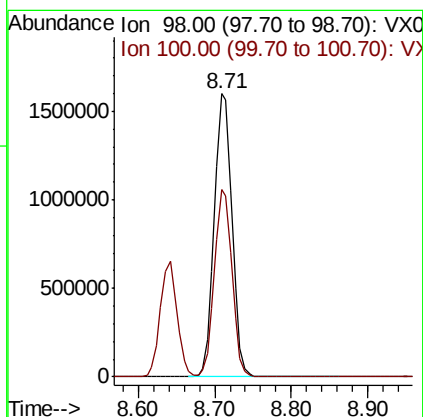
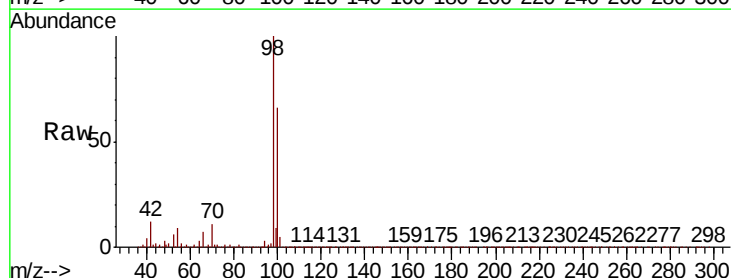
Acq: 31 Oct 2019 17:52

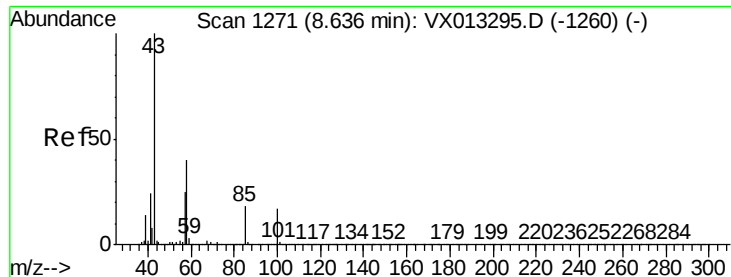
Tgt Ion: 98 Resp: 2569251

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

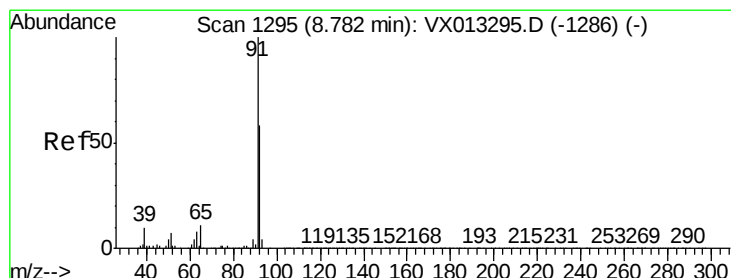
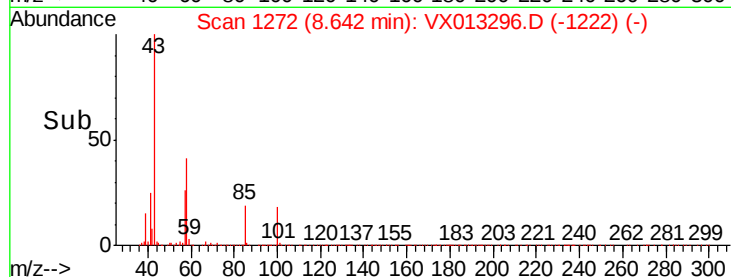
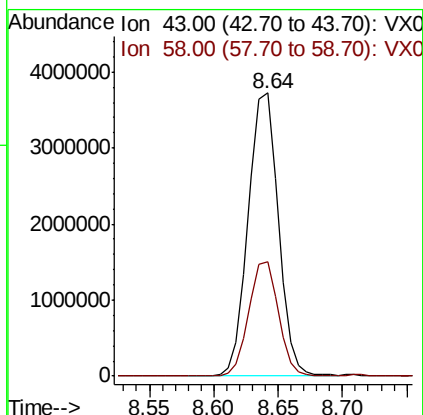
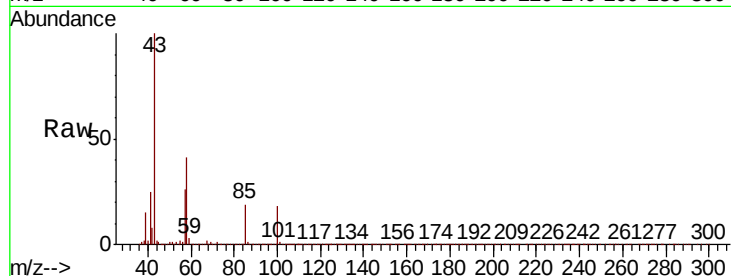




#51
4-Methyl-2-Pentanone
Concen: 608.183 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

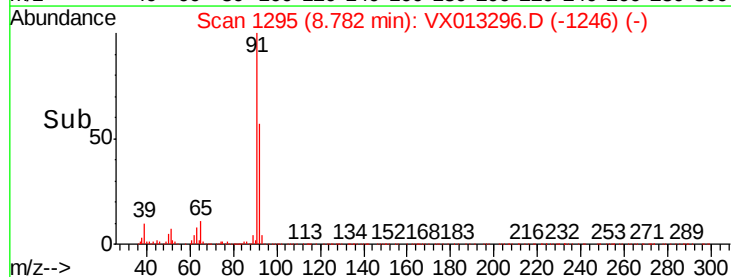
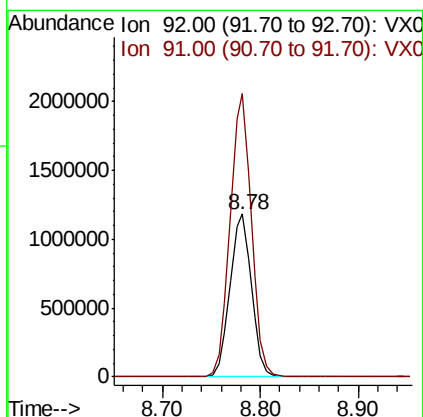
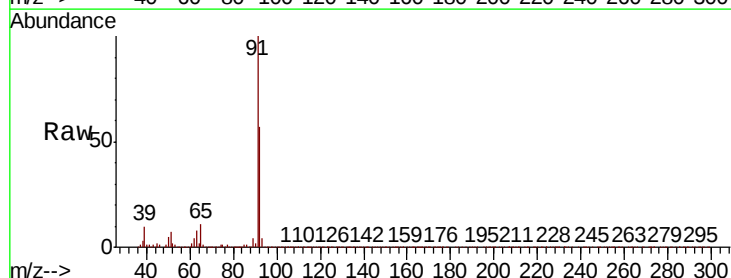
Instrument :
MSVOA_X
ClientSampleId :

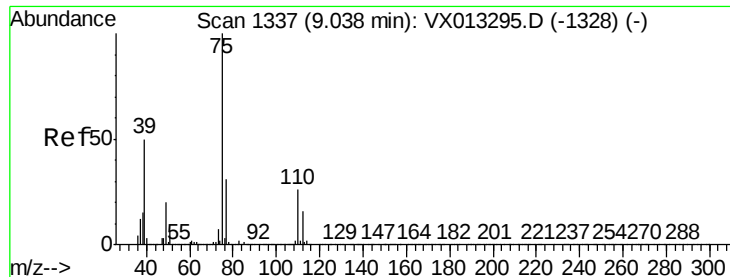
Tot Ion: 43 Resp: 6017144
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.0



#52
Toluene
Concen: 102.351 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 92 Resp: 1797275
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 119.458 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

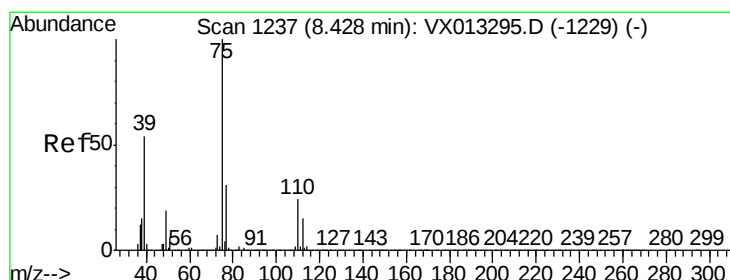
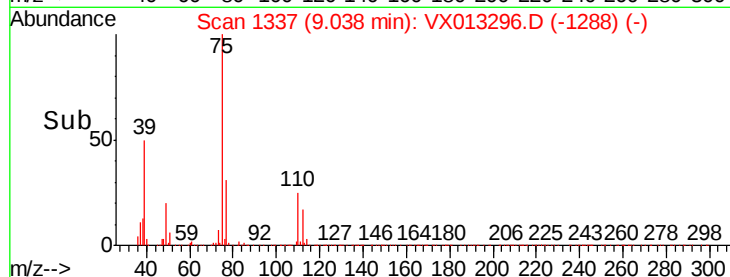
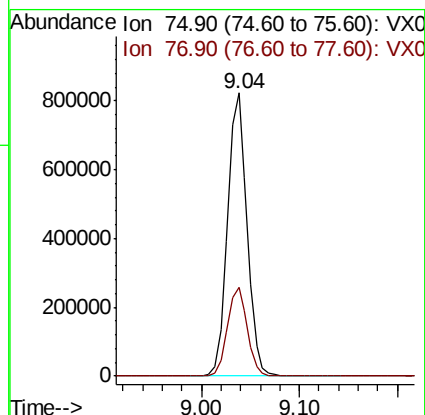
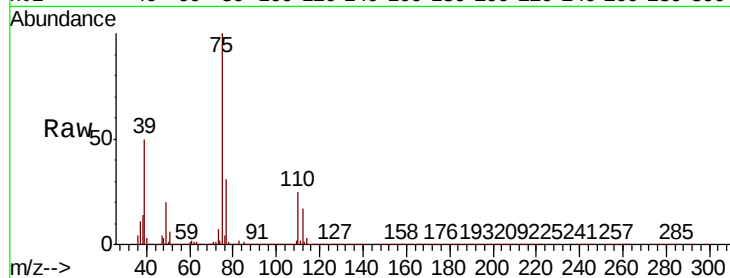
ClientSampleId :

Tot Ion: 75 Resp: 1130251

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 117.027 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

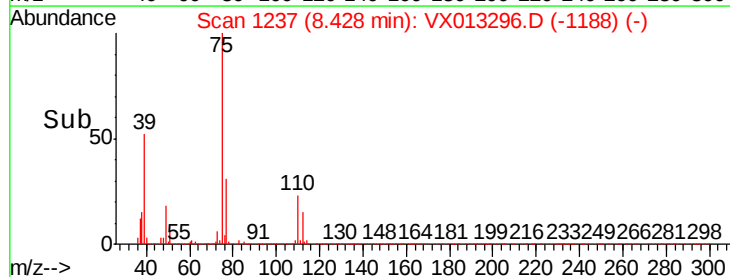
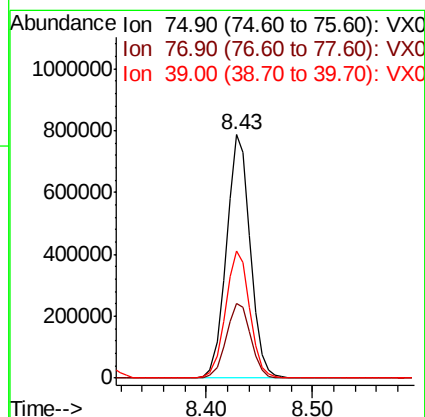
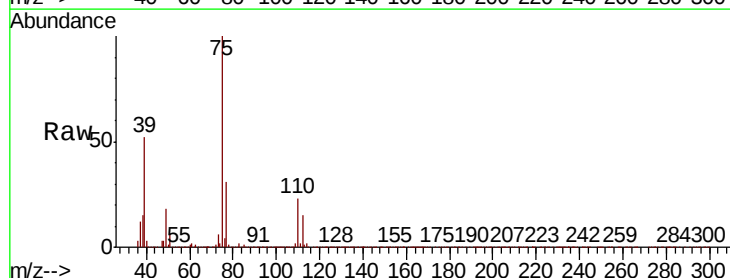
Tgt Ion: 75 Resp: 1227023

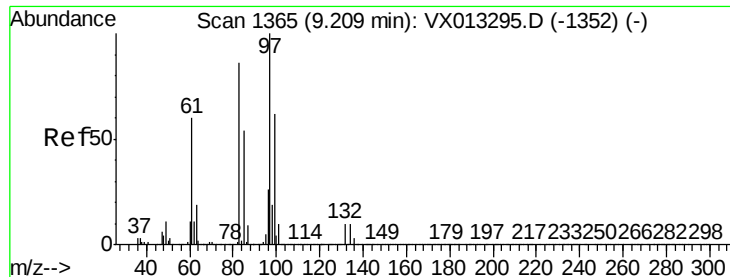
Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 51.9 43.0 64.6

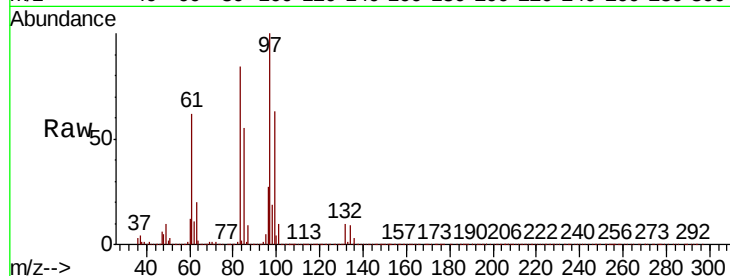




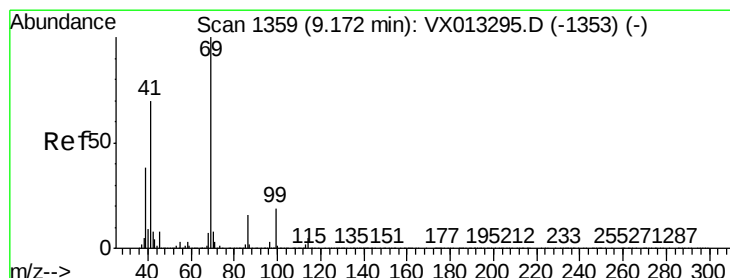
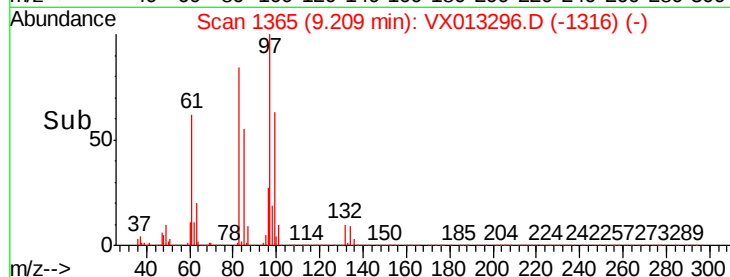
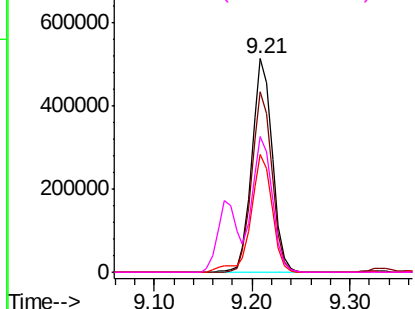
#55
 1,1,2-Trichloroethane
 Concen: 102.447 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	742581
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.6	103.0
85	55.3	43.1	64.7
99	63.3	49.4	74.0

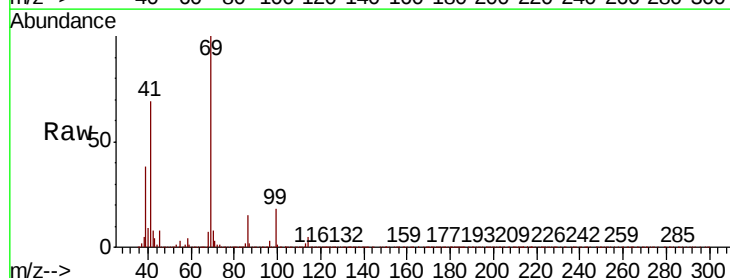


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

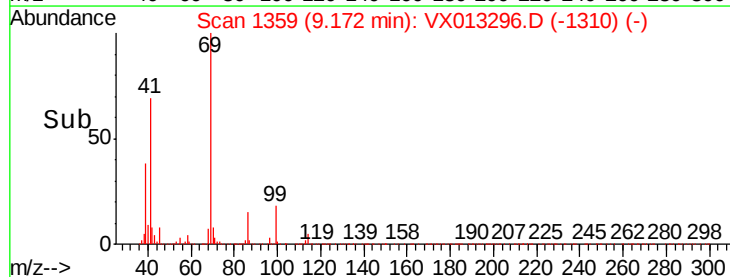
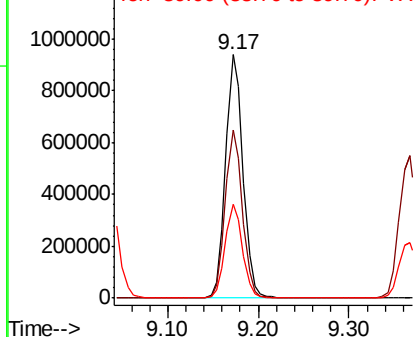


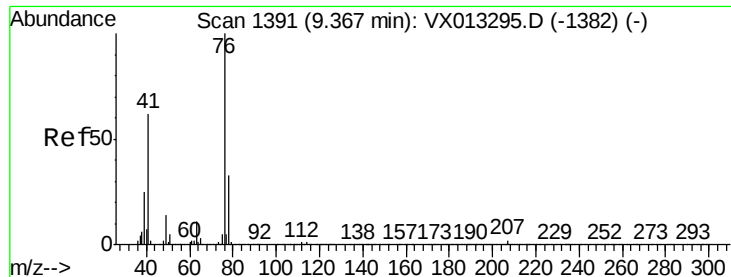
#56
 Ethyl methacrylate
 Concen: 116.856 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:	69	Resp:	1250015
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.2	84.2
39	38.5	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: 107.455 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

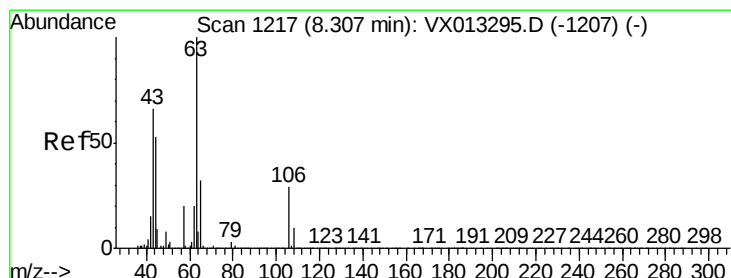
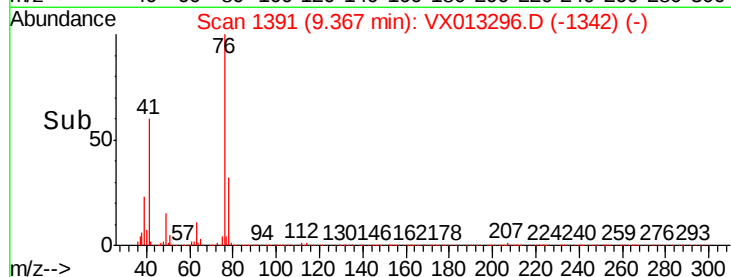
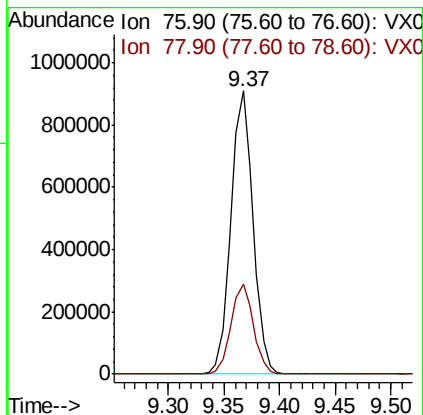
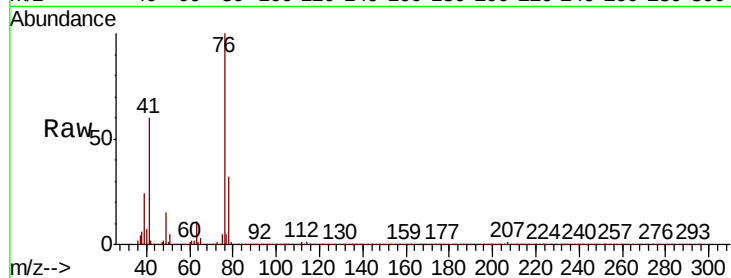
ClientSampleId :

Tot Ion: 76 Resp: 1249780

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 537.276 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013296.D

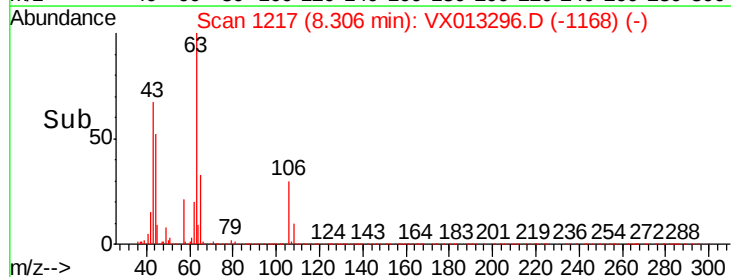
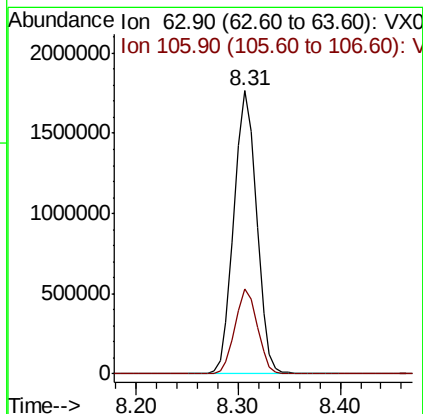
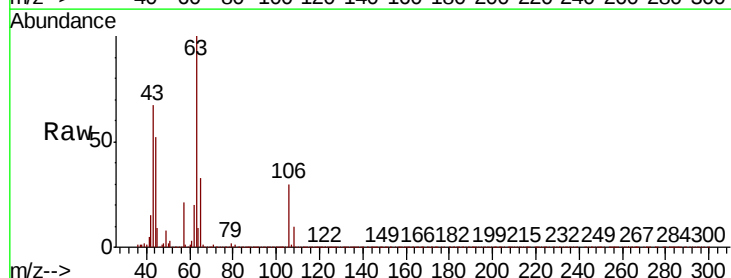
Acq: 31 Oct 2019 17:52

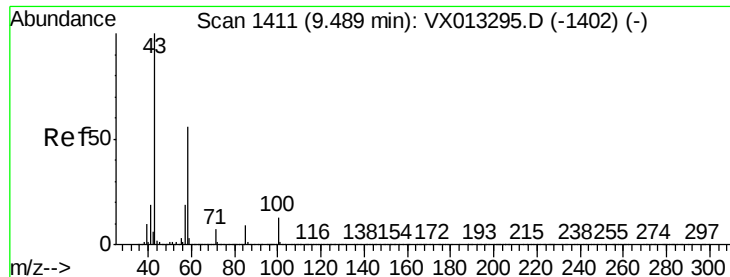
Tgt Ion: 63 Resp: 2716770

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2

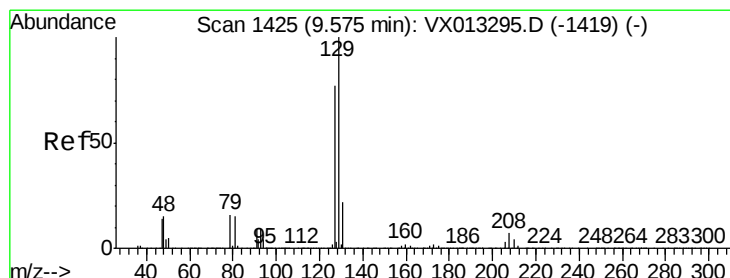
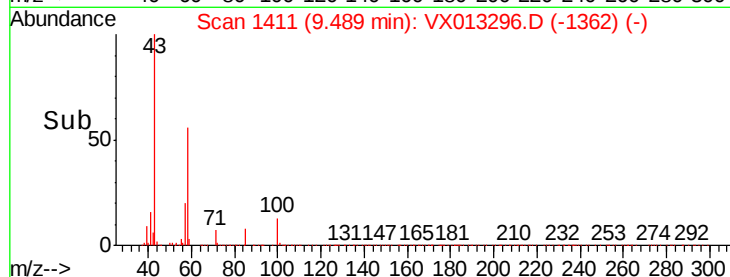
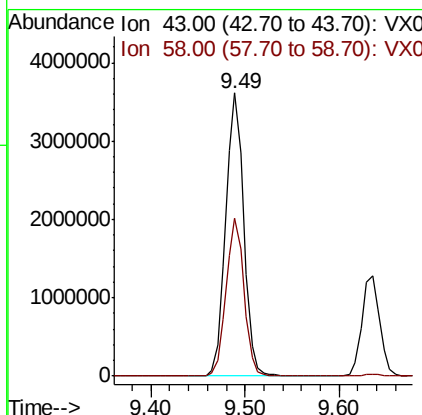
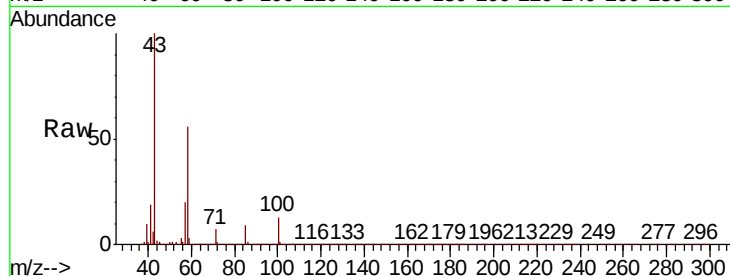




#59
2-Hexanone
Concen: 626.296 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

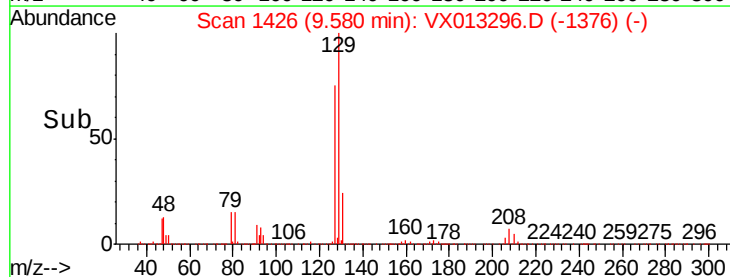
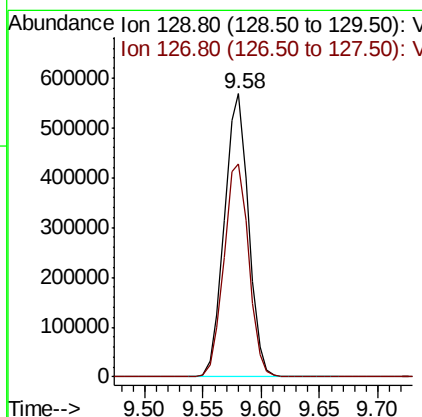
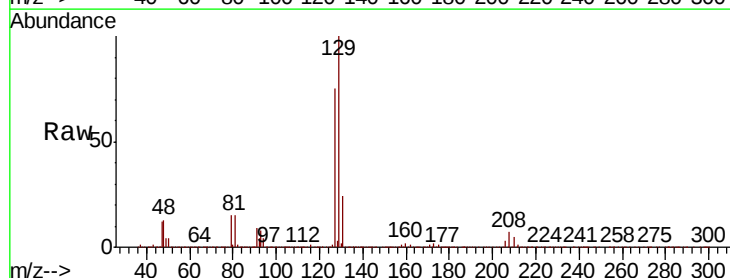
Instrument :
MSVOA_X
ClientSampleId :

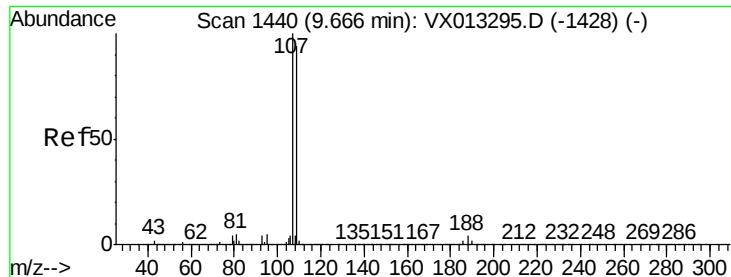
Tot Ion: 43 Resp: 4795656
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 111.998 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion: 129 Resp: 818973
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 103.736 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

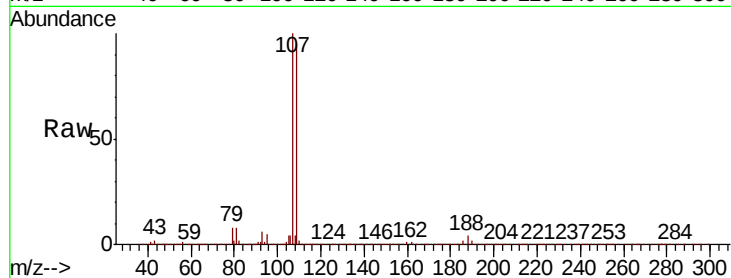
ClientSampleId :

Tot Ion:107 Resp: 796139

Ion Ratio Lower Upper

107 100

109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

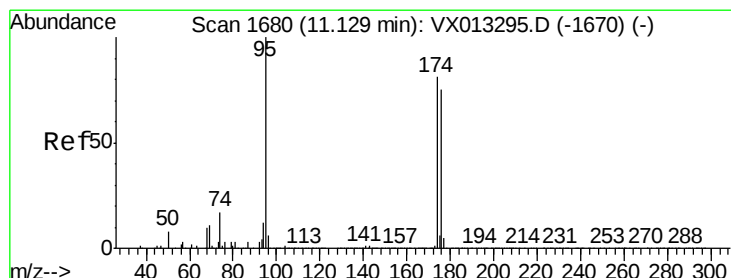
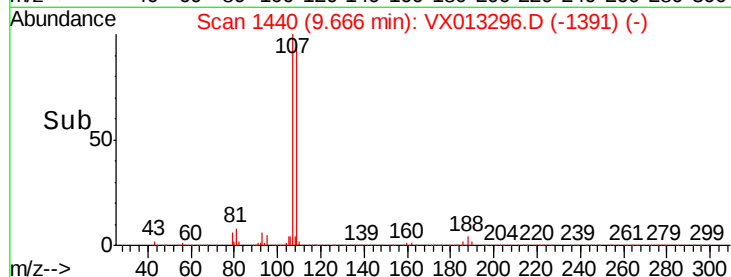
600000

400000

200000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 104.073 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

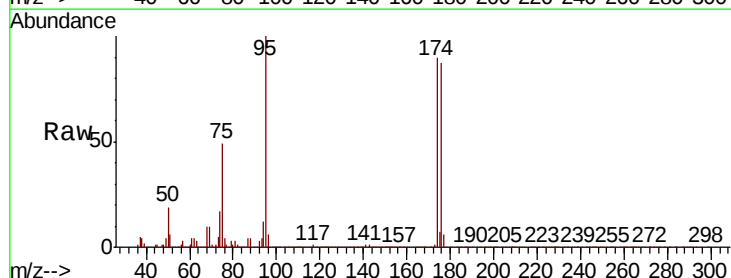
Tgt Ion: 95 Resp: 952287

Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.8

176 85.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

1000000

800000

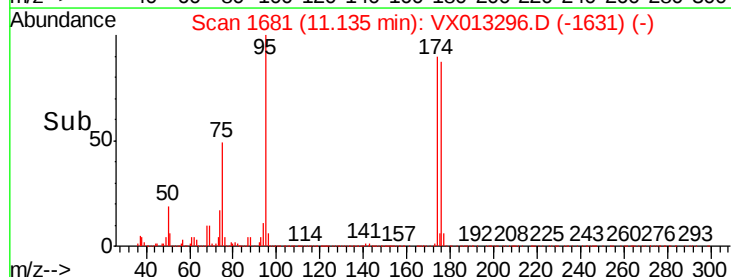
600000

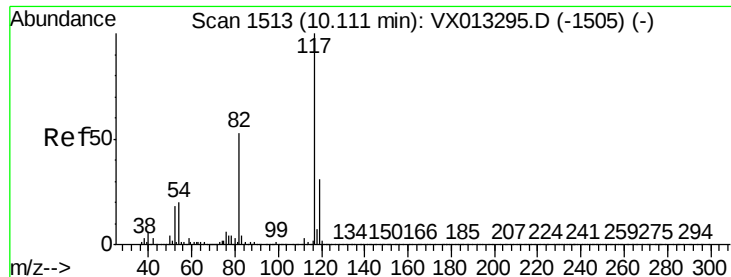
400000

200000

0

Time--> 11.10 11.20

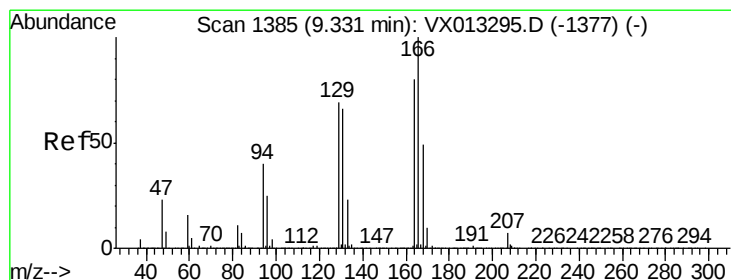
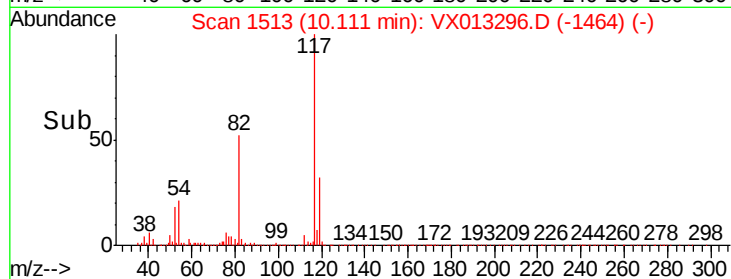
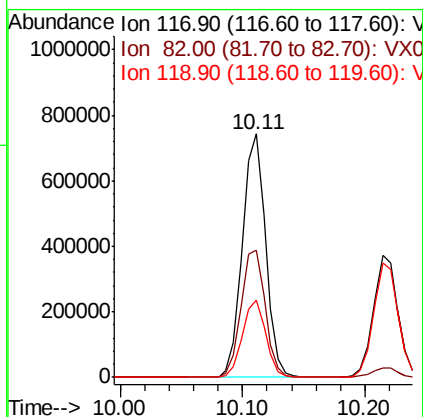
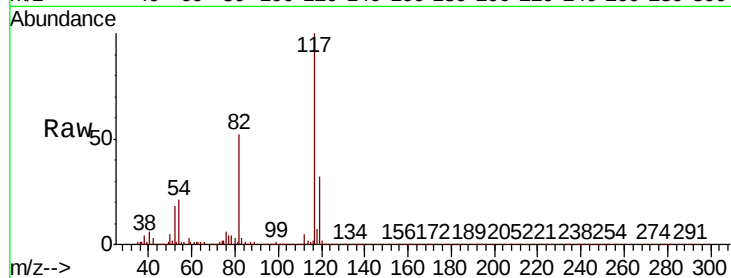




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

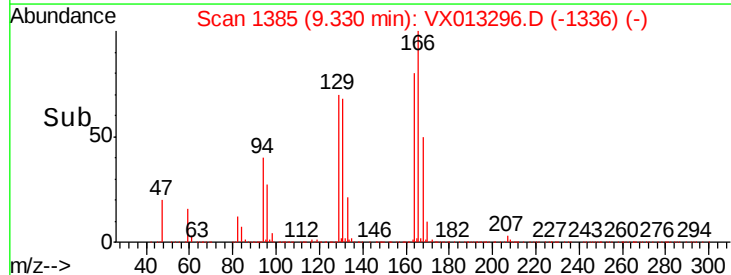
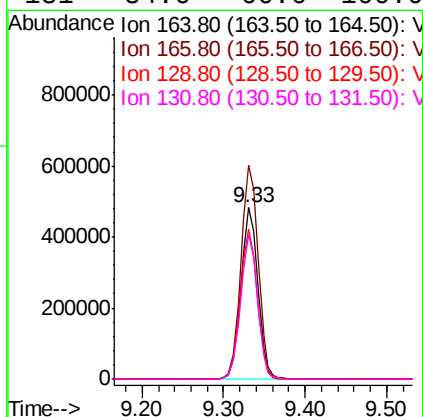
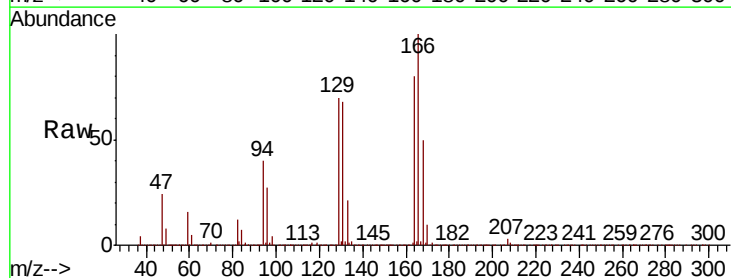
Instrument :
MSVOA_X
ClientSampled :

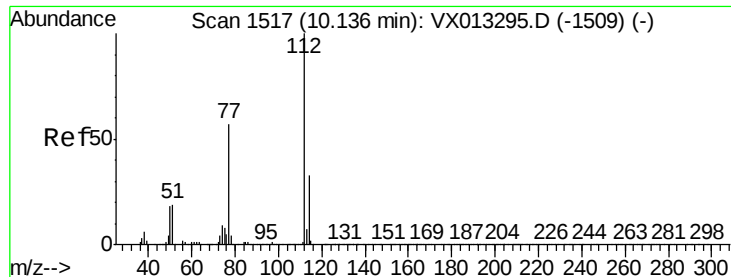
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	64.0
119	31.7	24.8	37.2



#64
Tetrachloroethene
Concen: 89.567 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	100.4	150.6
129	87.5	69.4	104.2
131	84.6	66.6	100.0





#65

Chlorobenzene

Concen: 98.172 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

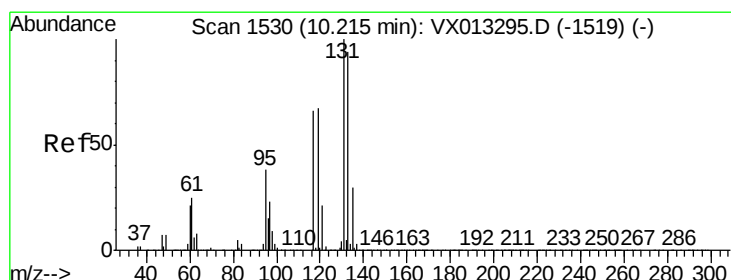
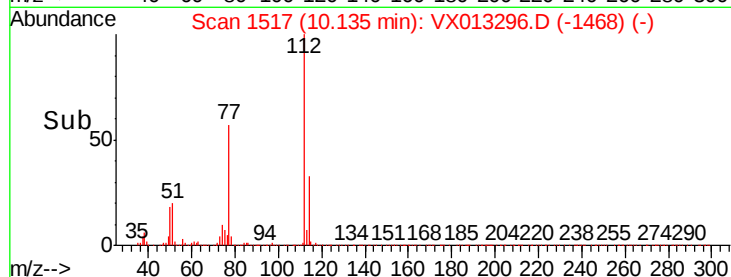
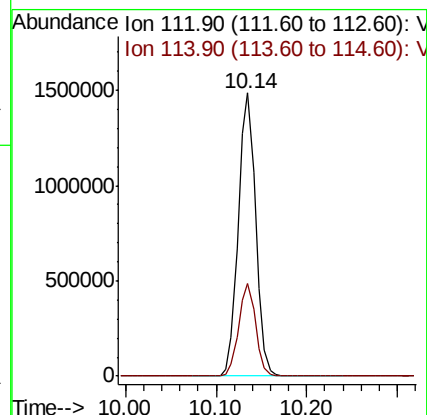
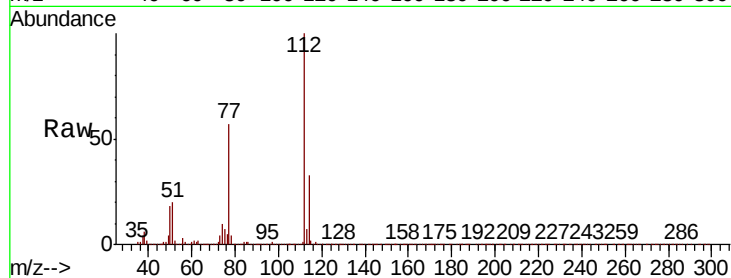
ClientSampleId :

Tot Ion:112 Resp: 1973238

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 106.055 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

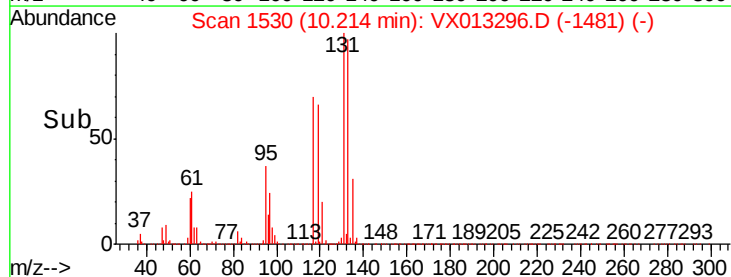
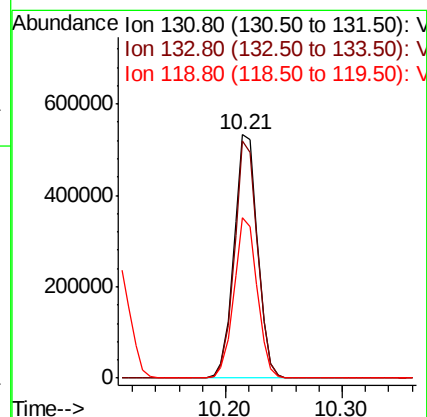
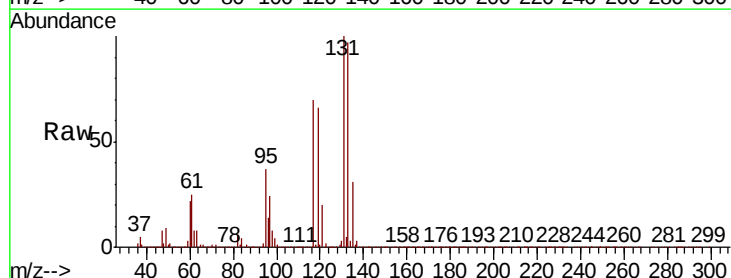
Tgt Ion:131 Resp: 749906

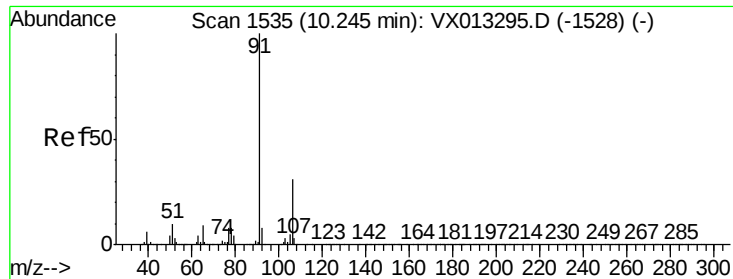
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 64.9 33.0 99.0





#67

Ethyl Benzene

Concen: 101.379 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

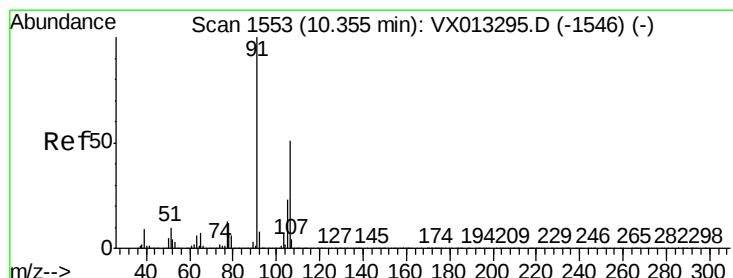
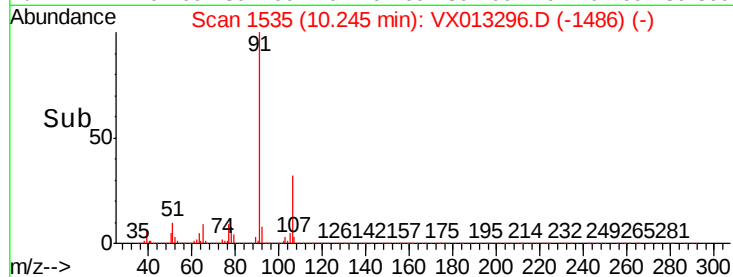
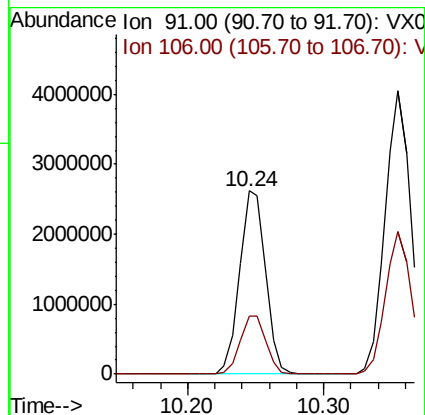
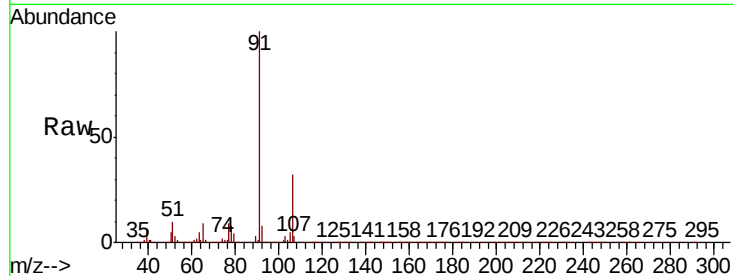
ClientSampleId :

Tot Ion: 91 Resp: 3473632

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 203.053 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013296.D

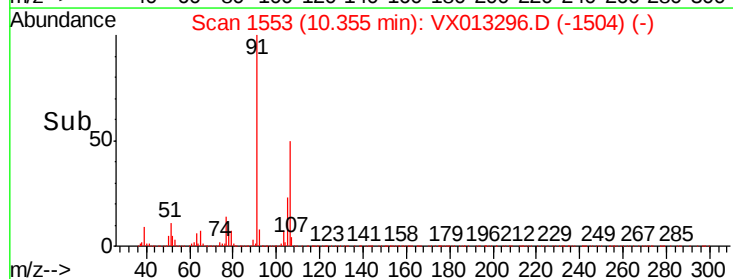
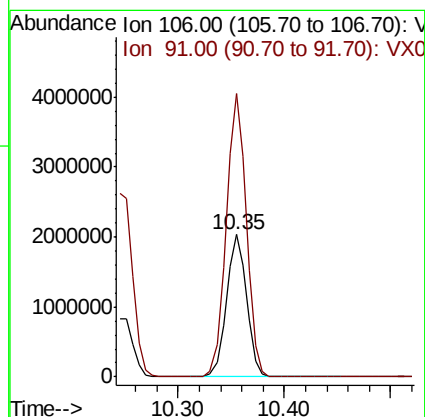
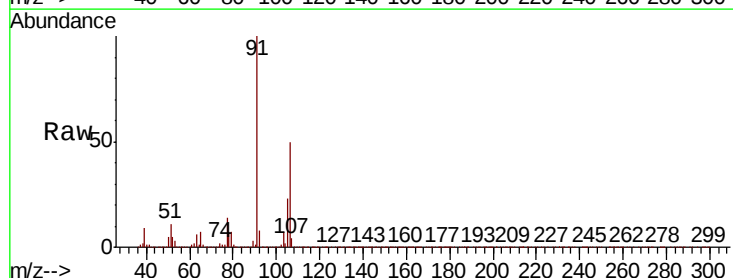
Acq: 31 Oct 2019 17:52

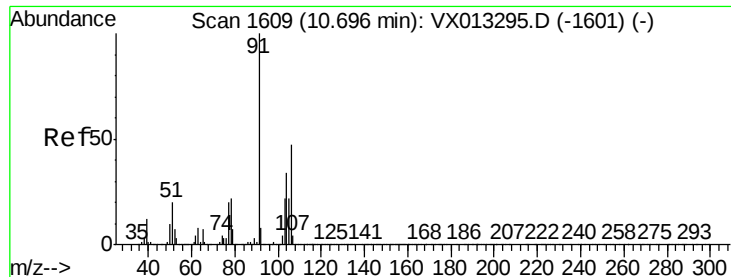
Tgt Ion:106 Resp: 2668512

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9

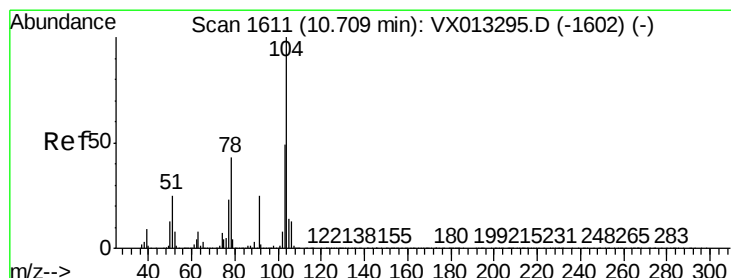
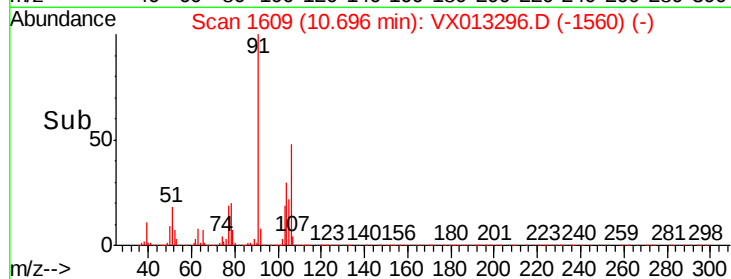
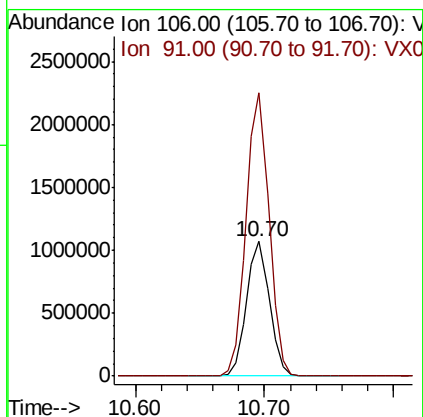
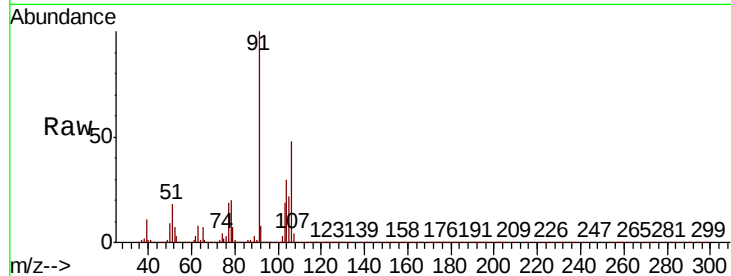




#69
o-Xylene
Concen: 102.255 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

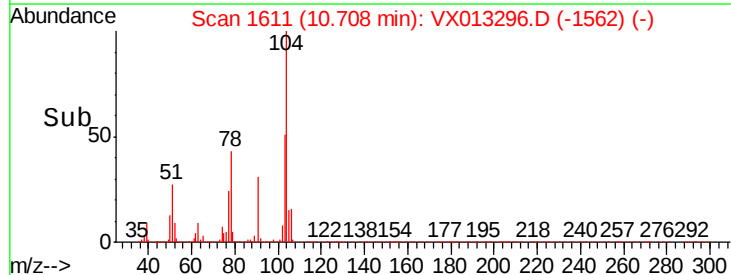
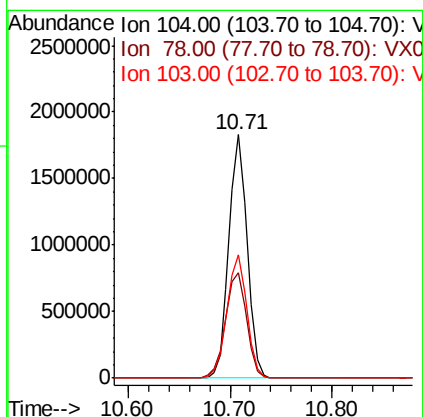
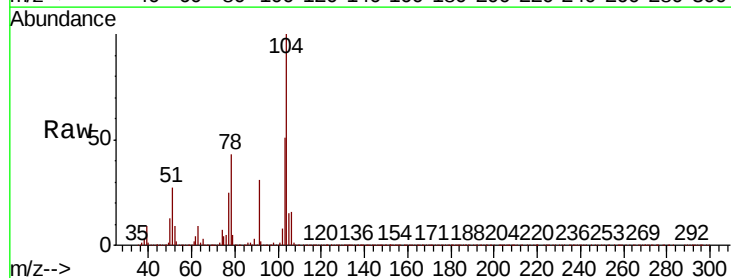
Instrument :
MSVOA_X
ClientSampleId :

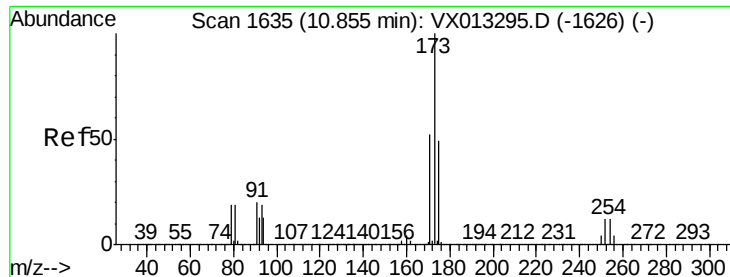
Tot Ion:106 Resp: 1307116
Ion Ratio Lower Upper
106 100
91 211.0 105.7 317.0



#70
Styrene
Concen: 106.322 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:104 Resp: 2268817
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 55.0 44.1 66.1

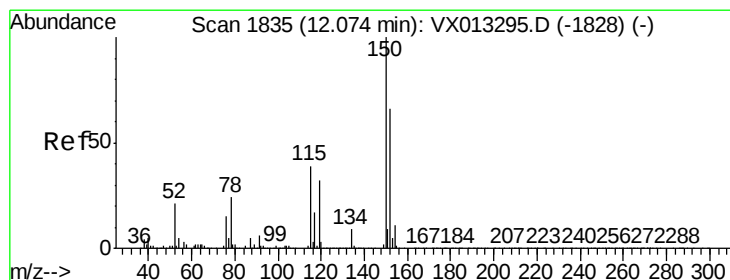
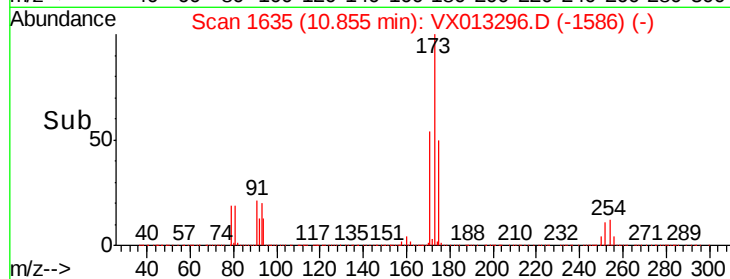
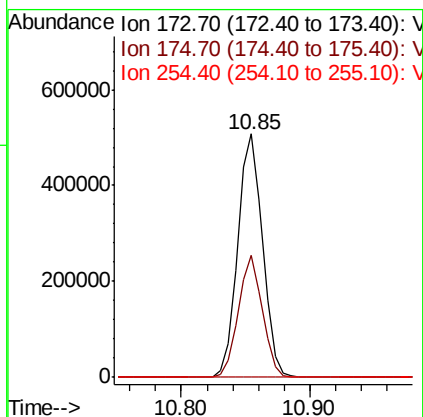
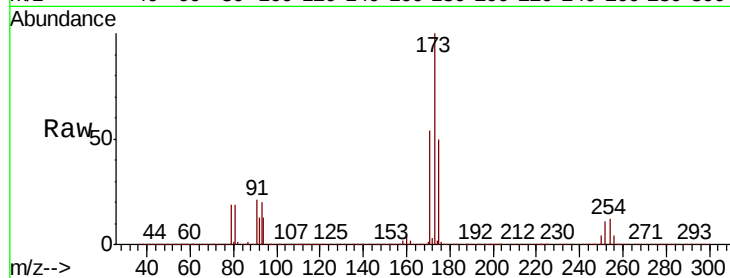




#71
Bromoform
Concen: 118.913 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

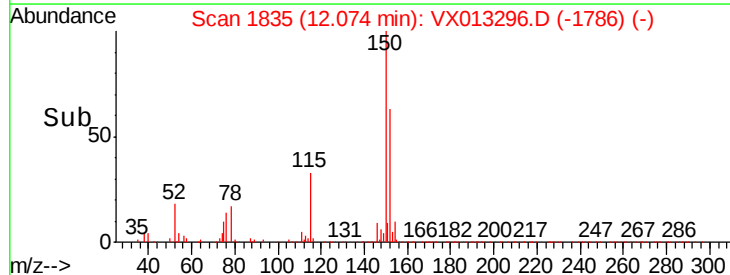
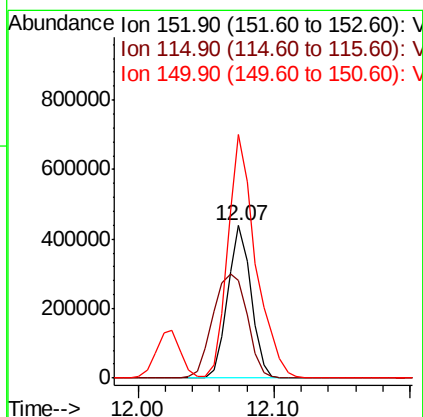
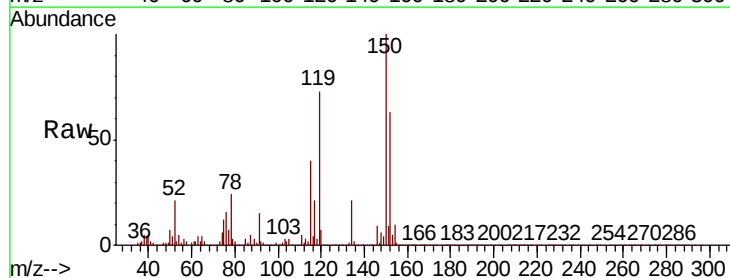
Instrument :
MSVOA_X
ClientSampleId :

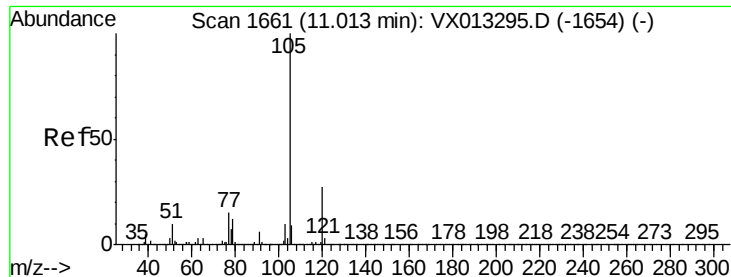
Tot Ion:173 Resp: 673824
Ion Ratio Lower Upper
173 100
175 48.7 24.8 74.4
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:152 Resp: 522586
Ion Ratio Lower Upper
152 100
115 100.3 39.5 118.3
150 190.2 0.0 344.4





#73

Isopropylbenzene

Concen: 97.320 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

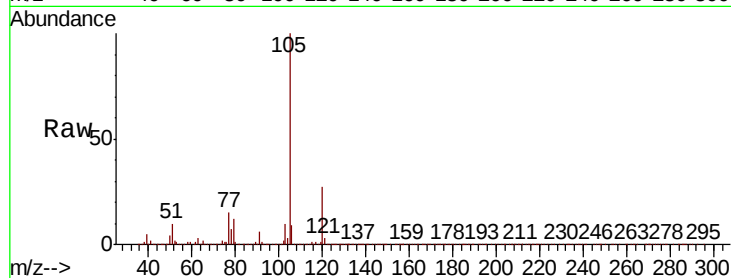
ClientSampleId :

Tot Ion:105 Resp: 3461454

Ion Ratio Lower Upper

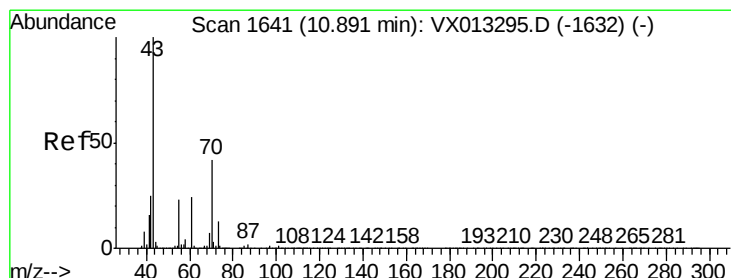
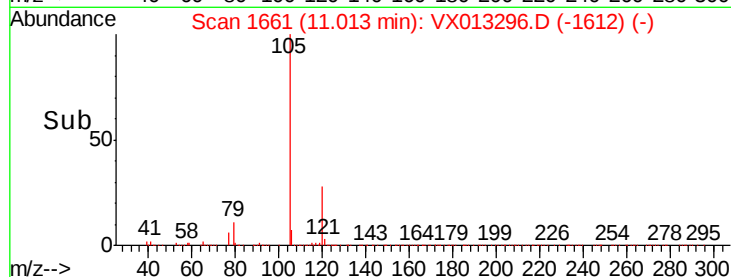
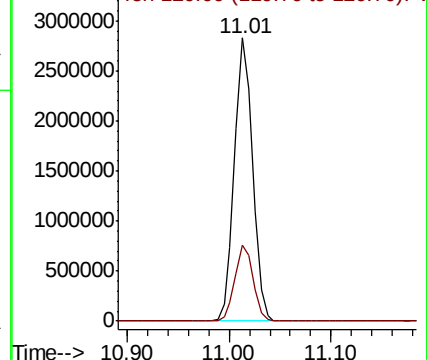
105 100

120 27.0 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: 124.083 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Tgt Ion: 43 Resp: 1752380

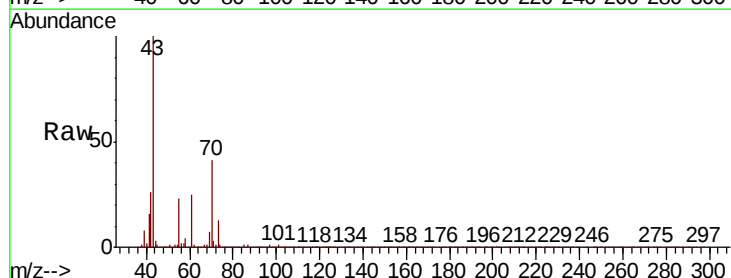
Ion Ratio Lower Upper

43 100

70 42.5 34.1 51.1

55 23.4 18.9 28.3

61 24.8 19.2 28.8

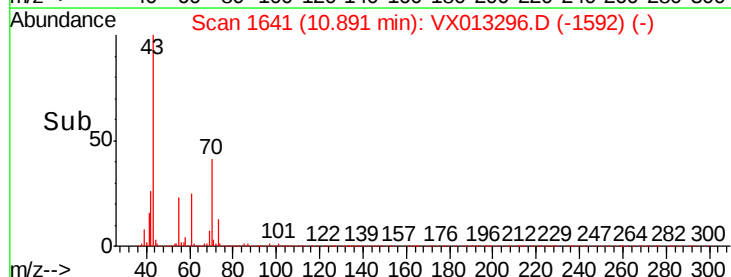
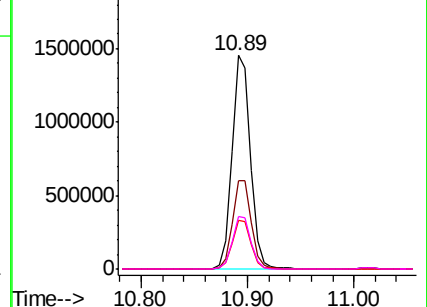


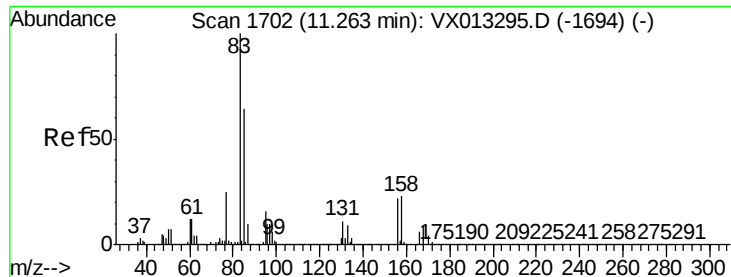
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 107.213 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

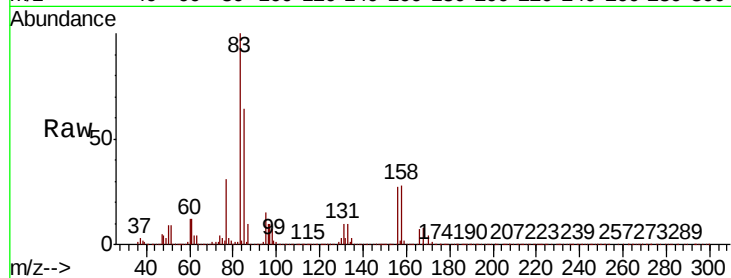
Tot Ion: 83 Resp: 1265268

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

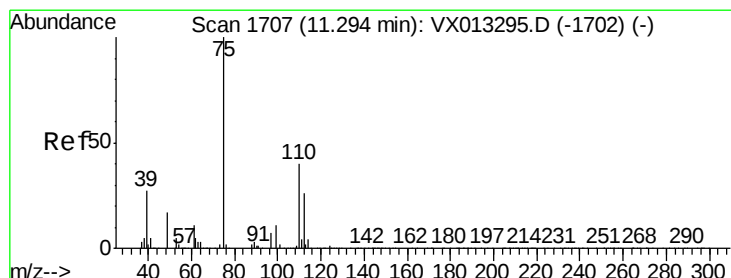
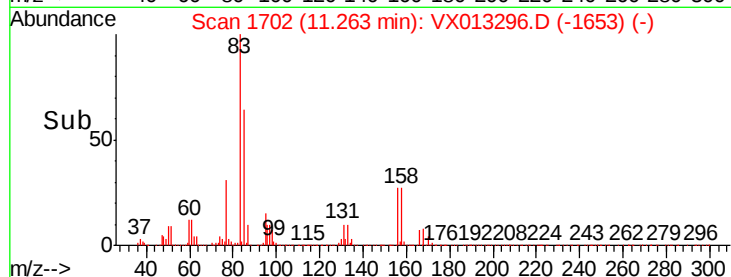
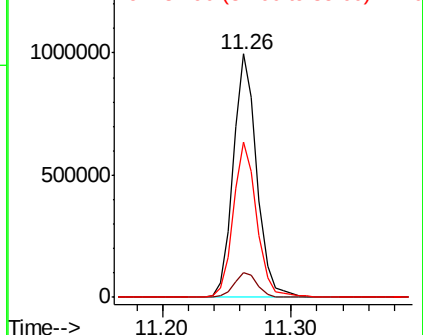
85 63.7 32.3 96.8



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: 151.228 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013296.D

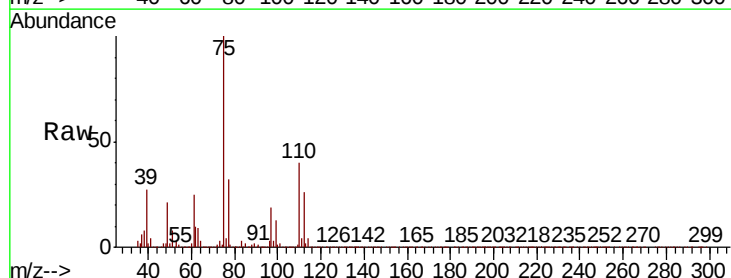
Acq: 31 Oct 2019 17:52

Tgt Ion: 75 Resp: 1447795

Ion Ratio Lower Upper

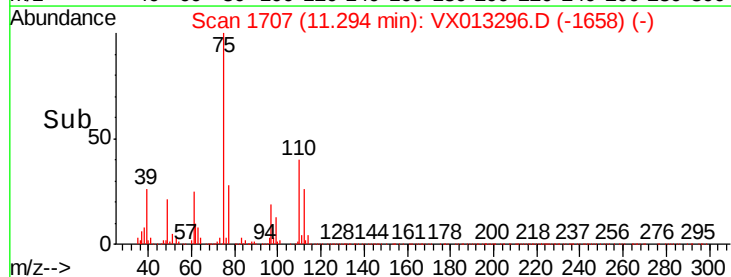
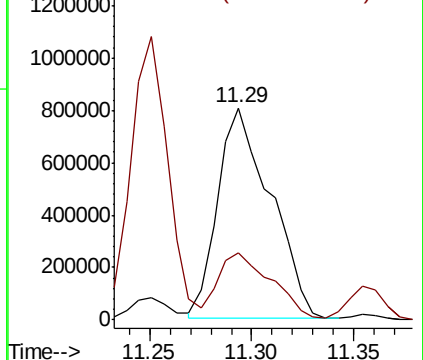
75 100

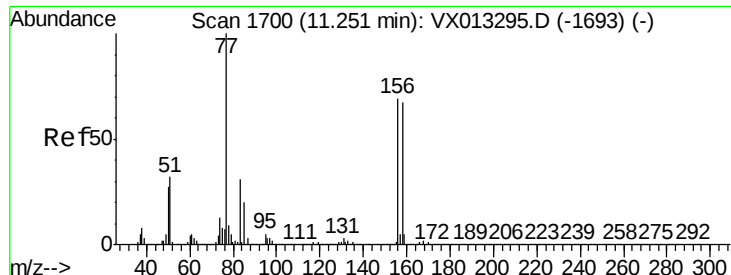
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.755 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

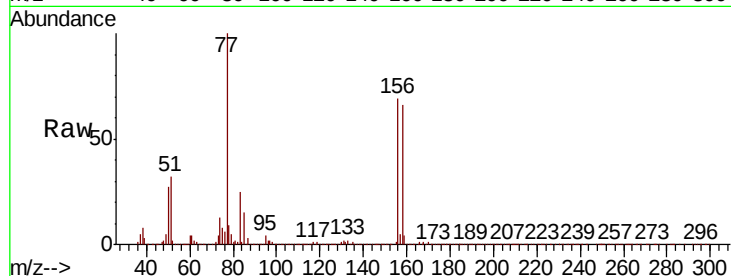
Tot Ion:156 Resp: 923654

Ion Ratio Lower Upper

156 100

77 149.1 75.8 227.4

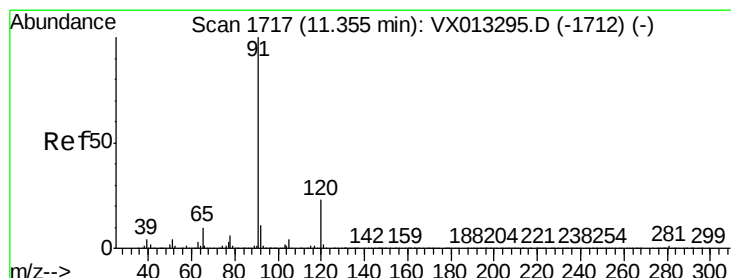
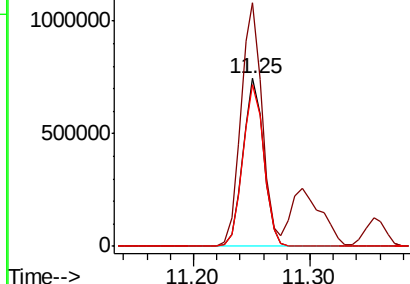
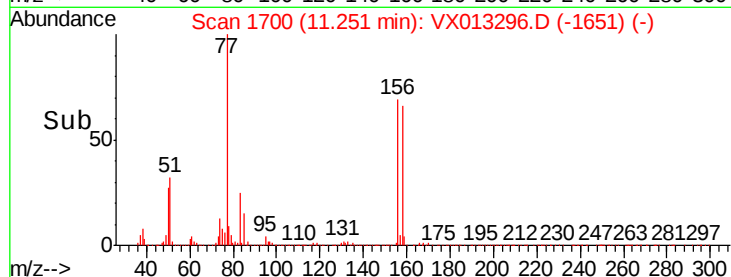
158 98.4 47.6 142.8



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: 100.546 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013296.D

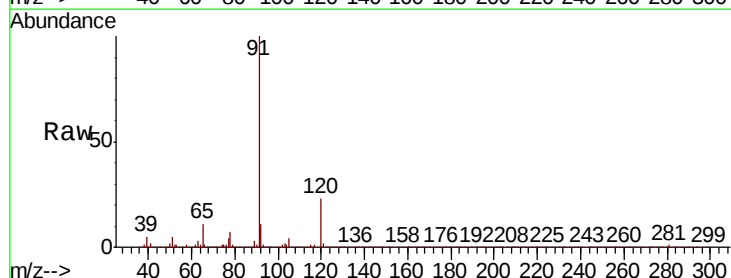
Acq: 31 Oct 2019 17:52

Tgt Ion: 91 Resp: 3959603

Ion Ratio Lower Upper

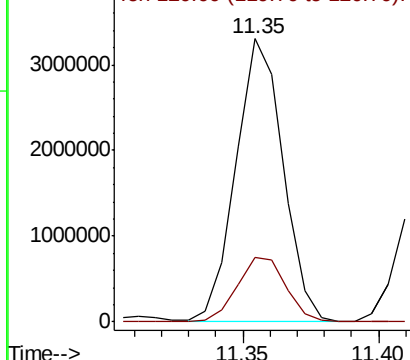
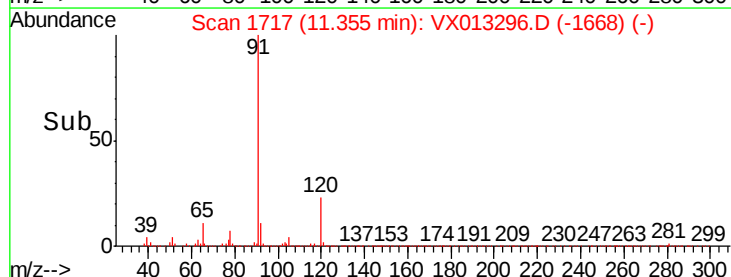
91 100

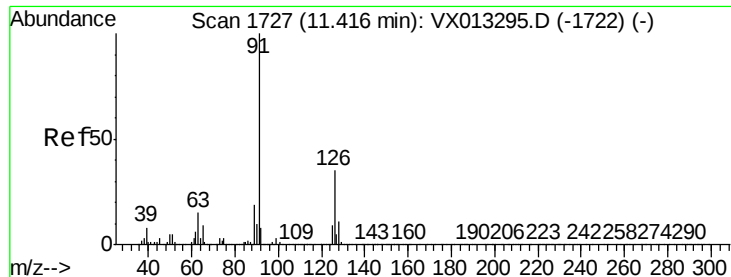
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.445 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

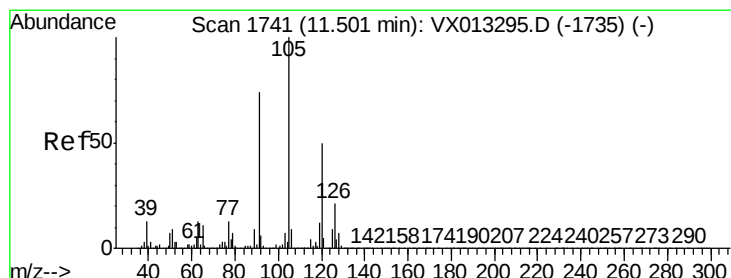
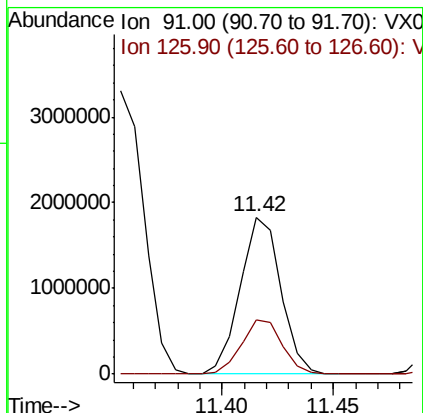
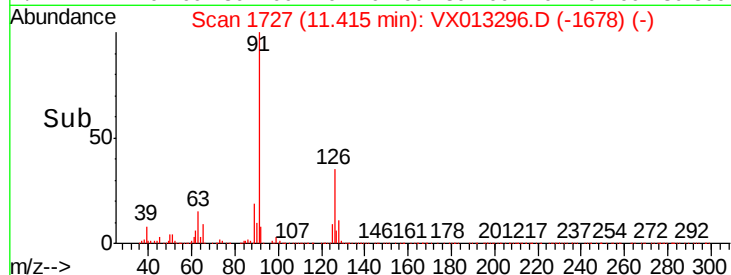
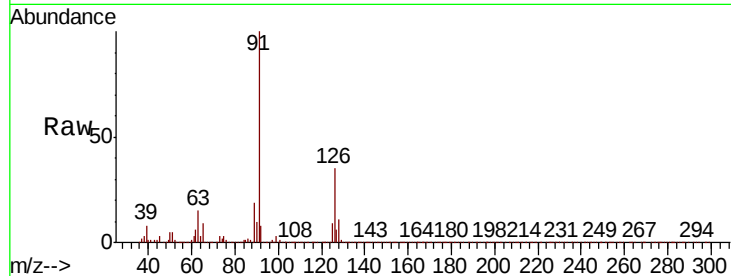
ClientSampleId :

Tot Ion: 91 Resp: 2325574

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 99.298 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013296.D

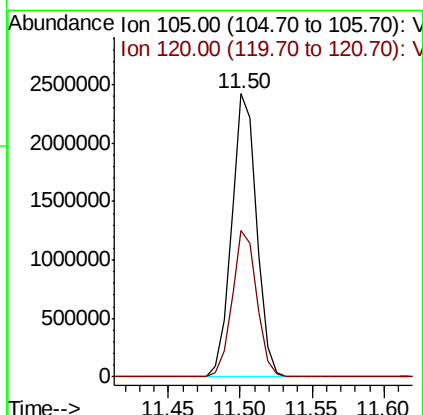
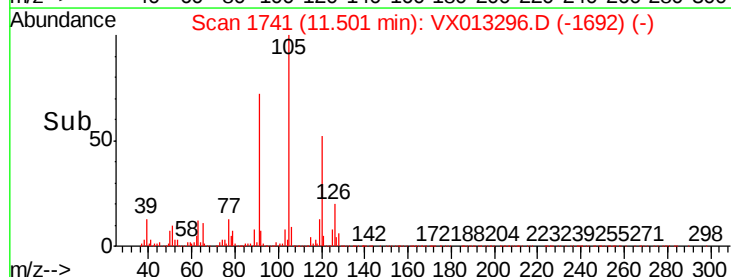
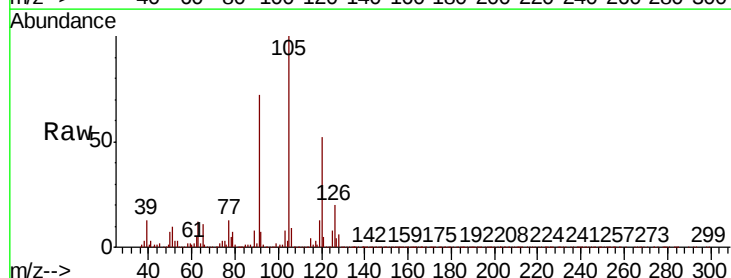
Acq: 31 Oct 2019 17:52

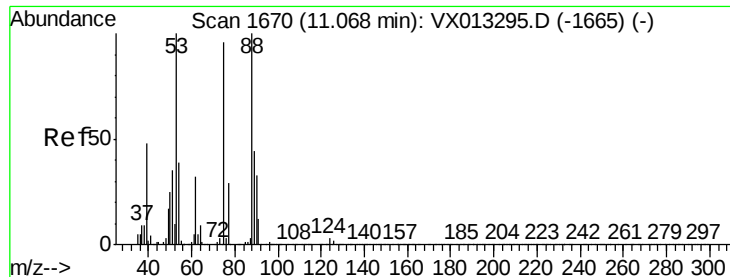
Tgt Ion:105 Resp: 2942314

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 124.582 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

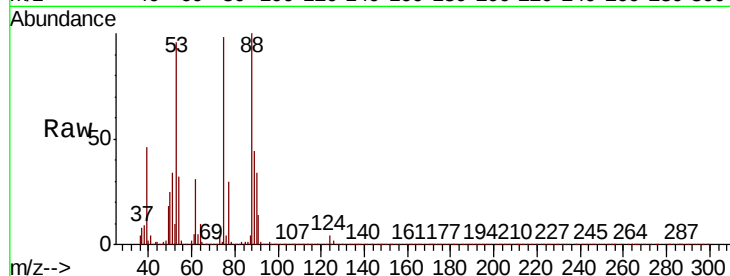
Tot Ion: 75 Resp: 448878

Ion Ratio Lower Upper

75 100

53 96.4 81.0 121.6

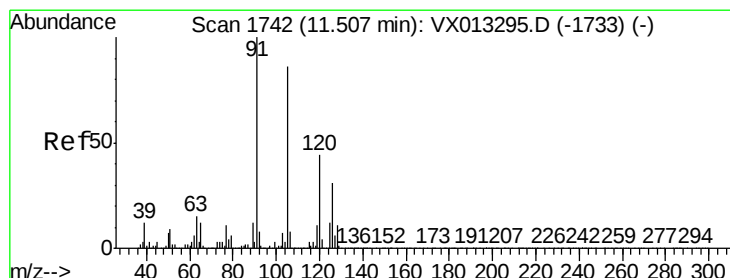
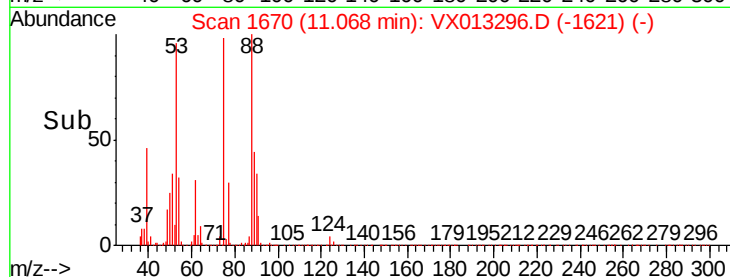
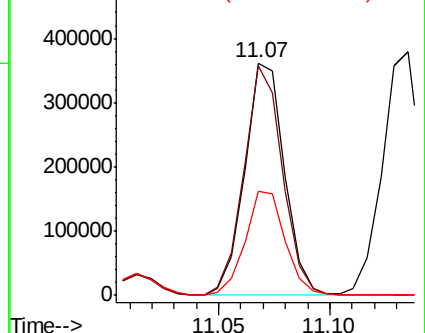
89 45.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 100.285 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013296.D

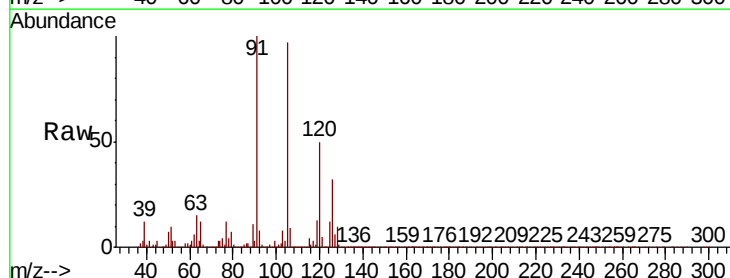
Acq: 31 Oct 2019 17:52

Tgt Ion: 91 Resp: 2756940

Ion Ratio Lower Upper

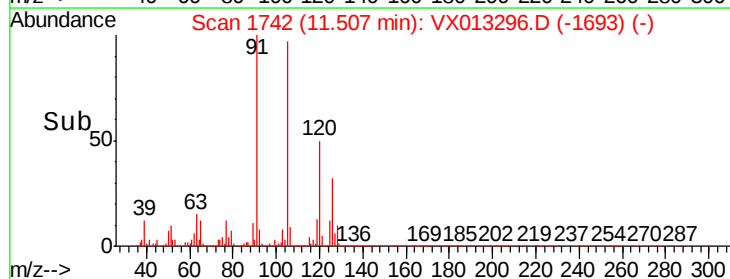
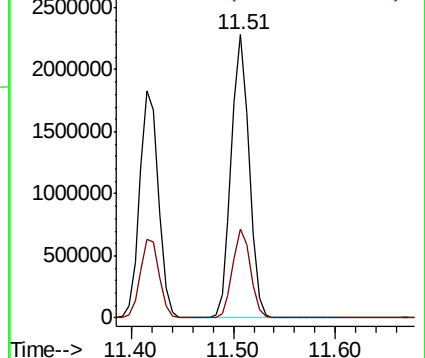
91 100

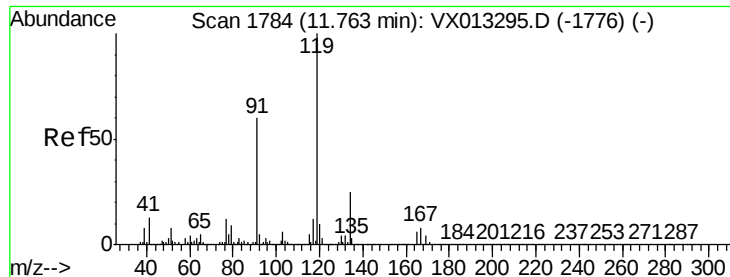
126 31.3 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

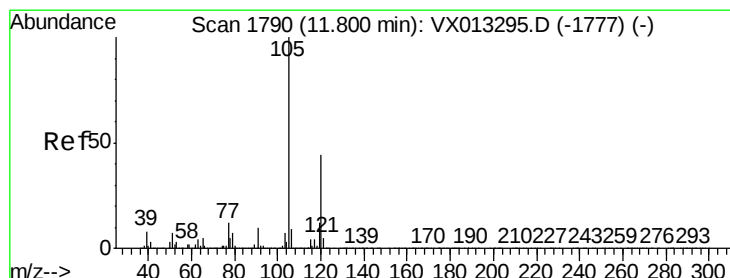
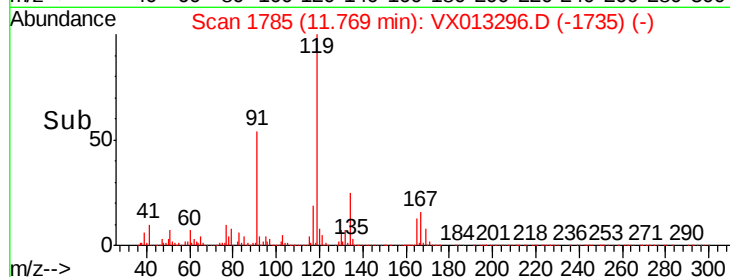
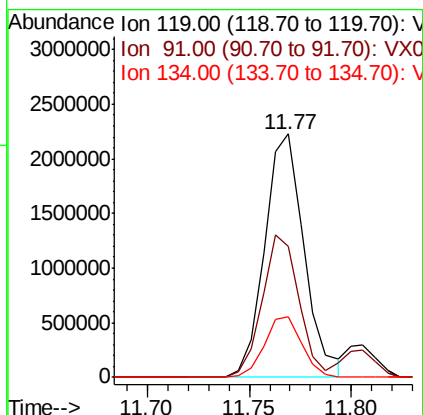
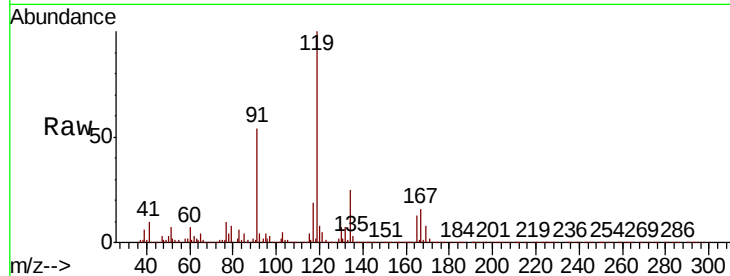




#83
 tert-Butylbenzene
 Concen: 102.297 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

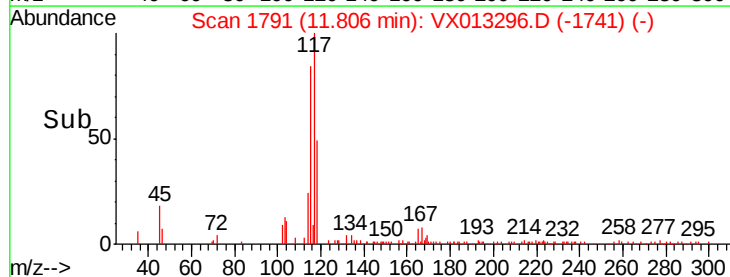
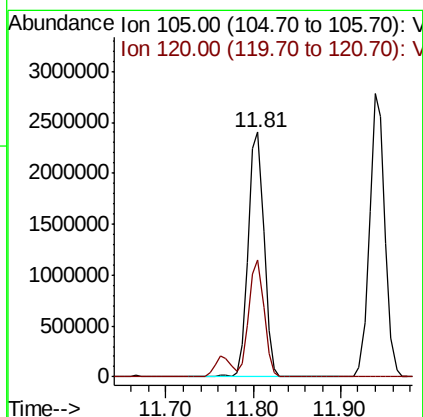
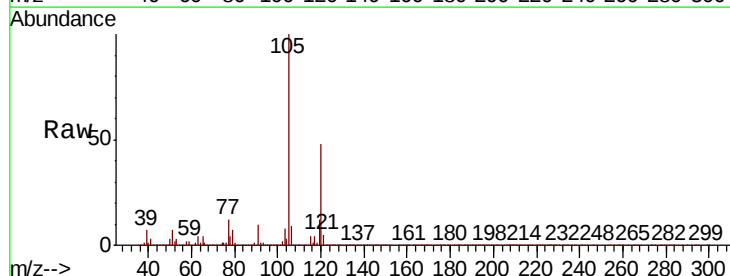
Instrument :
 MSVOA_X
 ClientSampled :

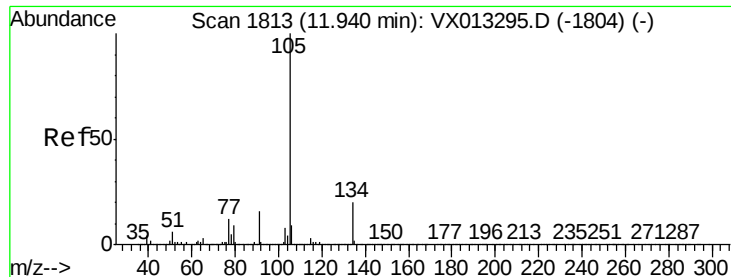
Tot Ion:119 Resp: 3000194
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.9 80.7
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 99.997 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:105 Resp: 2991019
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 100.546 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

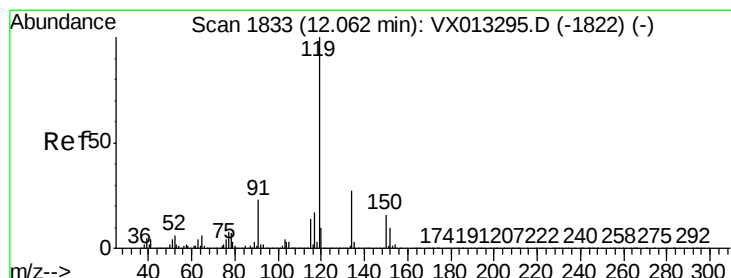
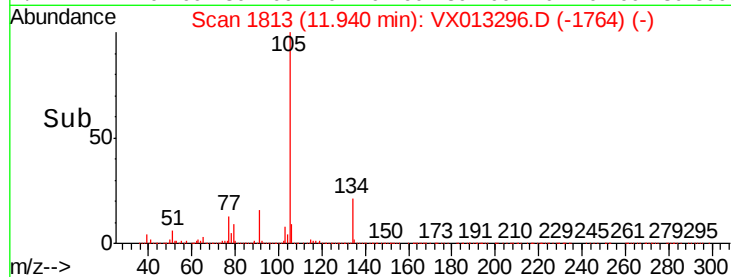
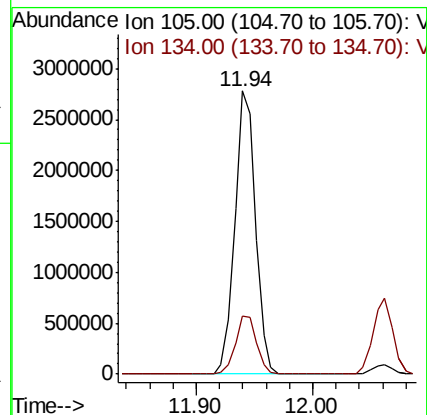
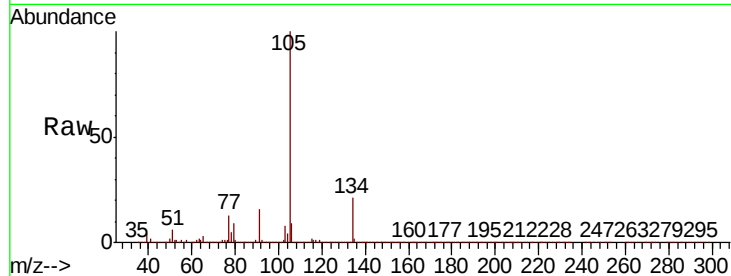
ClientSampleId :

Tot Ion:105 Resp: 3427749

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 102.213 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

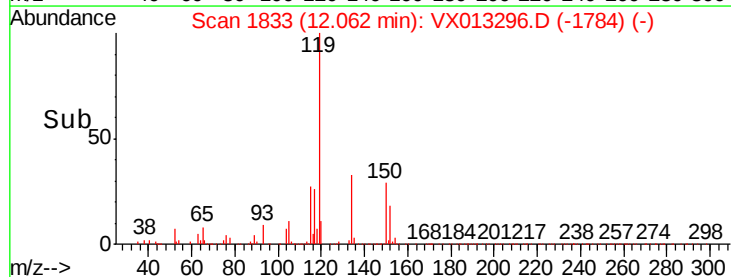
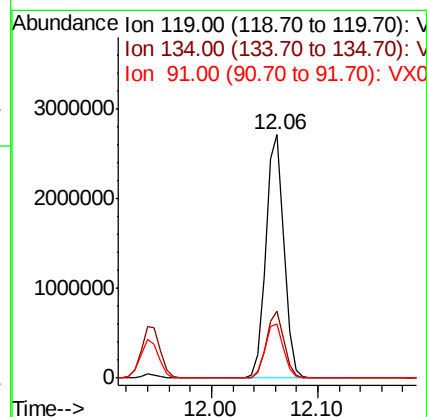
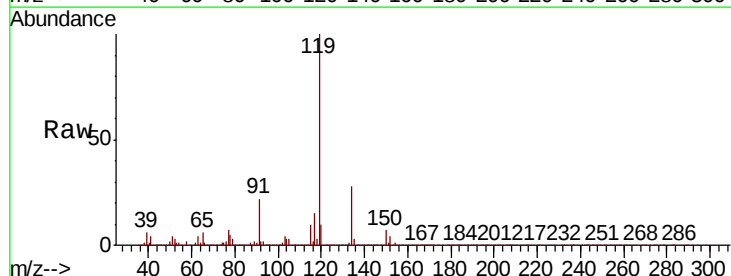
Tgt Ion:119 Resp: 3224260

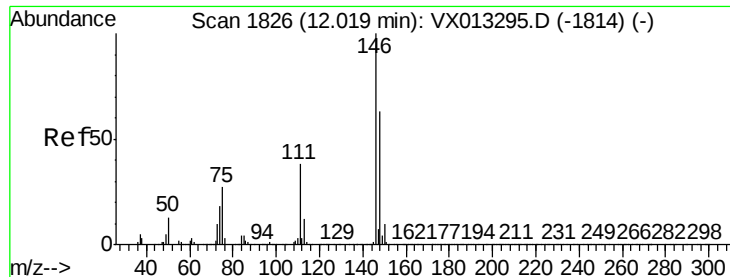
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.9 11.5 34.4

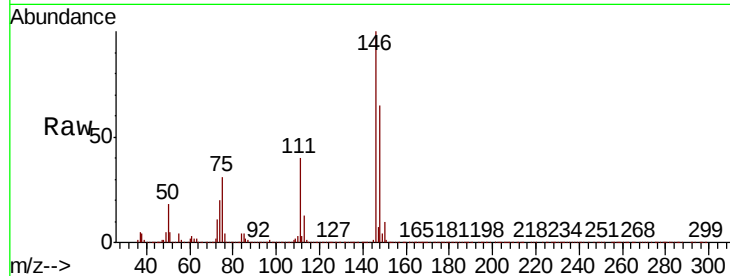




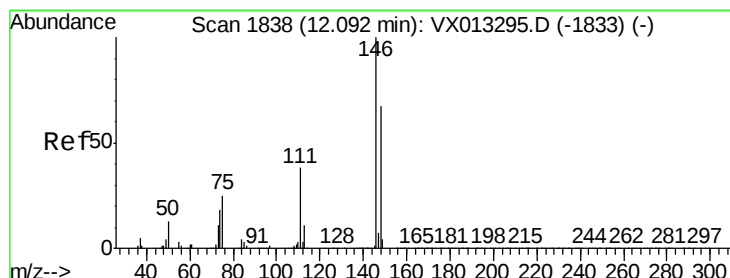
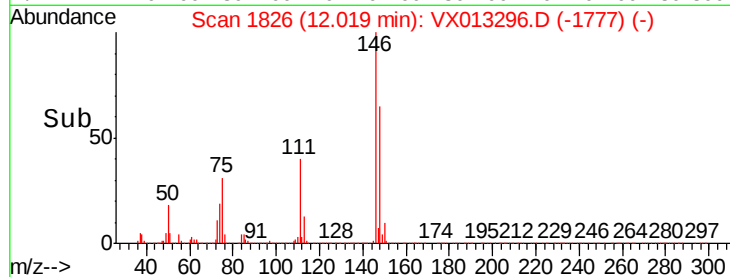
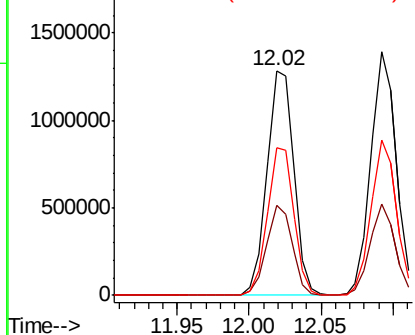
#87
 1,3-Dichlorobenzene
 Concen: 97.762 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 1656812
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.5
 148 64.9 31.9 95.7

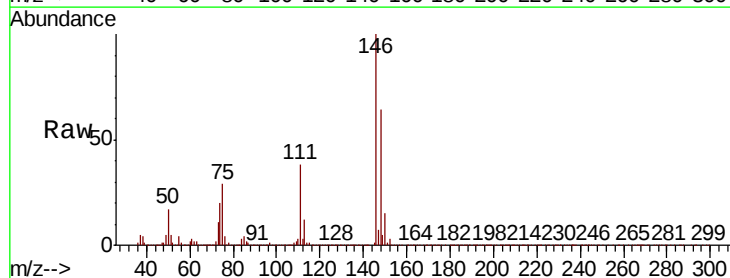


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

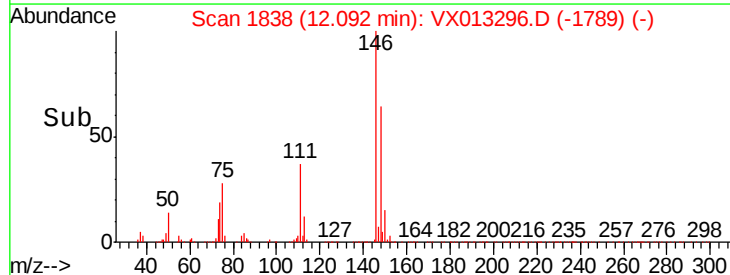
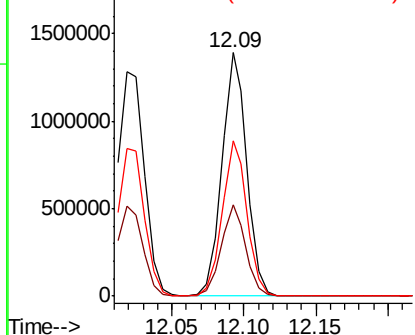


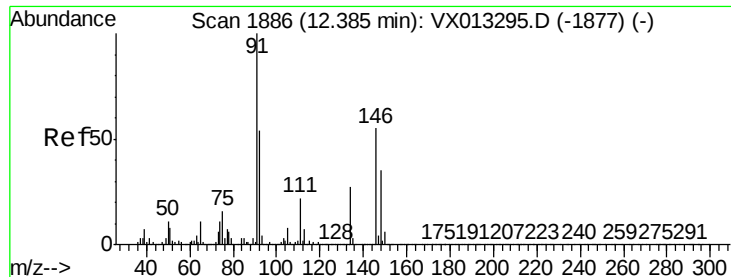
#88
 1,4-Dichlorobenzene
 Concen: 96.593 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:146 Resp: 1673116
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.4
 148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 107.318 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

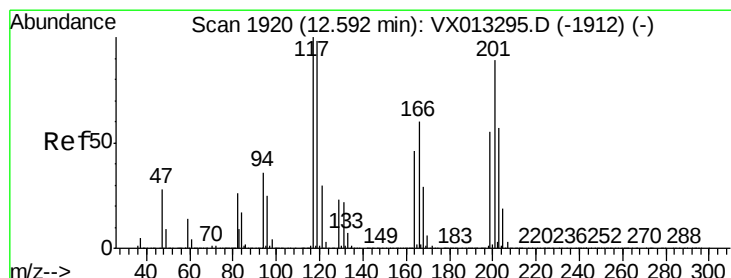
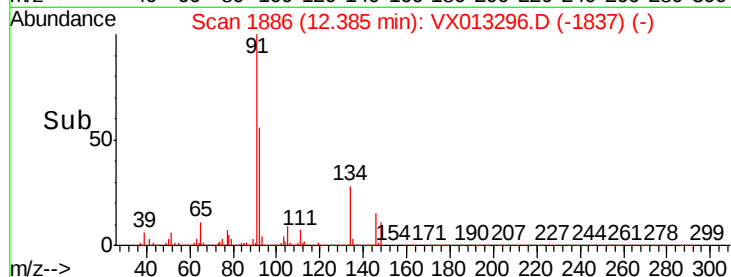
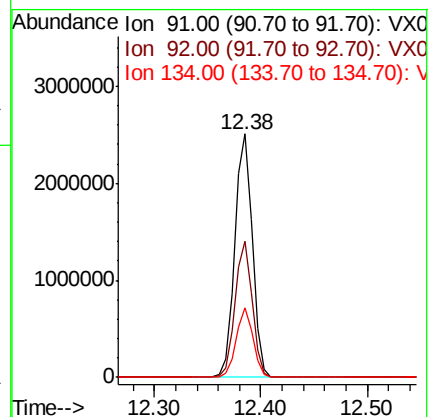
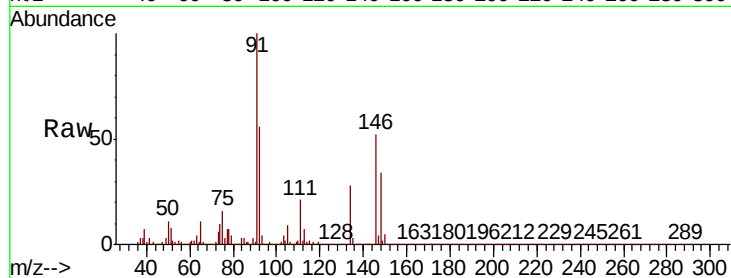
Tot Ion: 91 Resp: 2901625

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 117.689 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013296.D

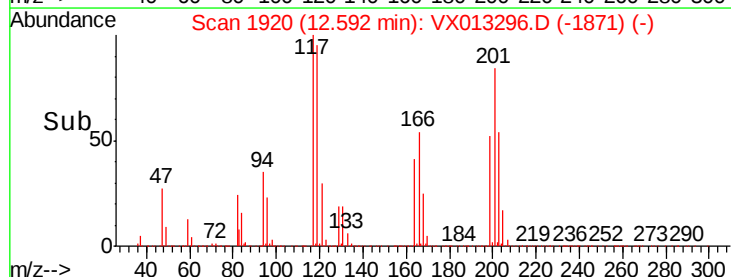
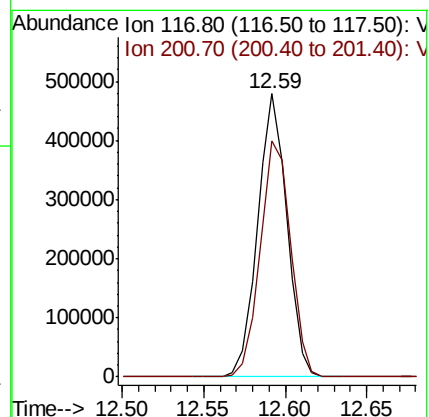
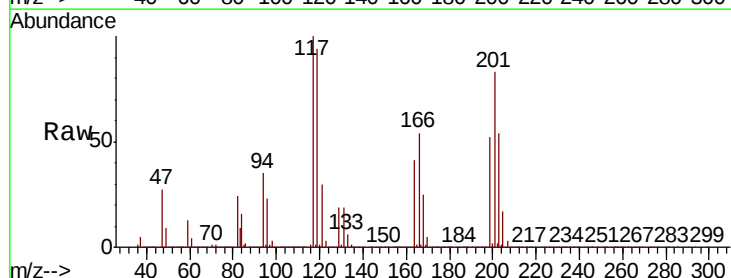
Acq: 31 Oct 2019 17:52

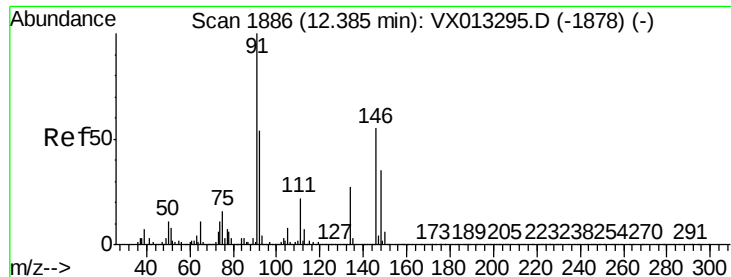
Tgt Ion:117 Resp: 596321

Ion Ratio Lower Upper

117 100

201 87.1 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 99.048 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

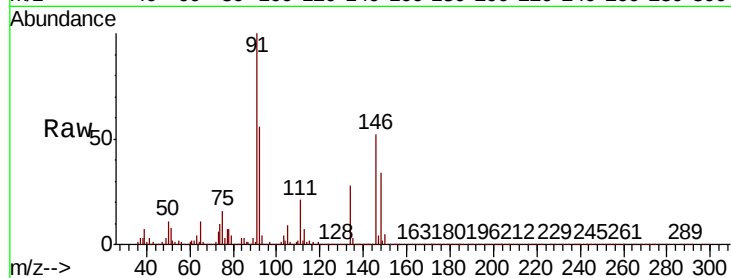
Tot Ion:146 Resp: 1663030

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 65.0 32.0 96.0

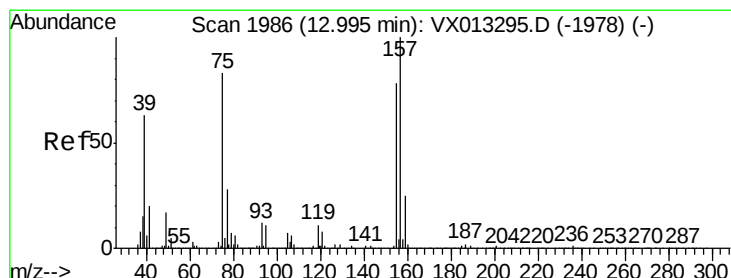
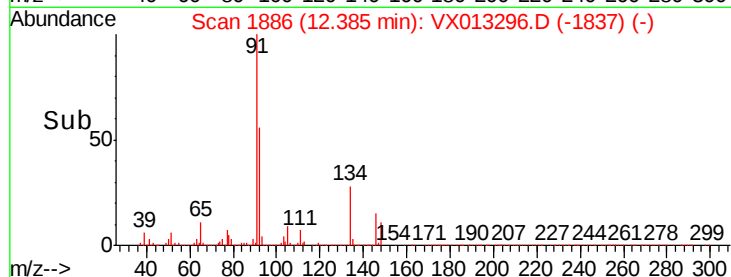
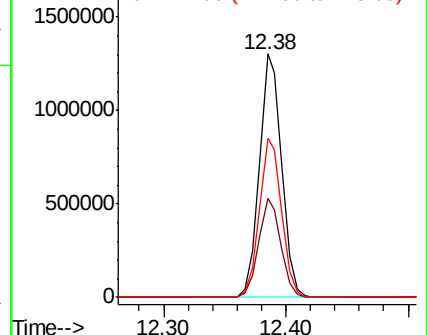


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 120.158 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013296.D

Acq: 31 Oct 2019 17:52

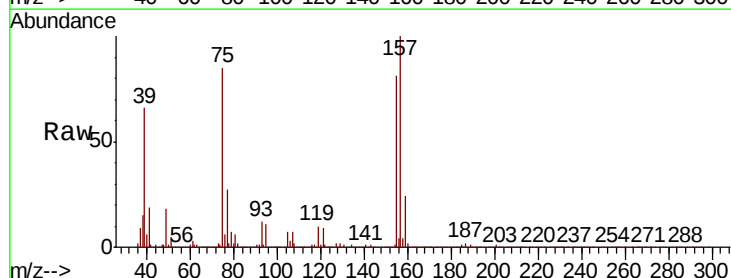
Tgt Ion: 75 Resp: 302540

Ion Ratio Lower Upper

75 100

155 97.2 47.1 141.4

157 122.1 61.3 183.8

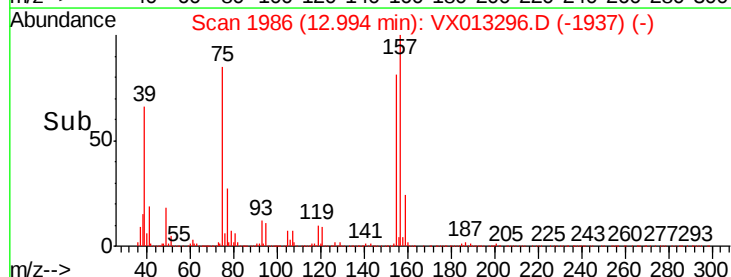
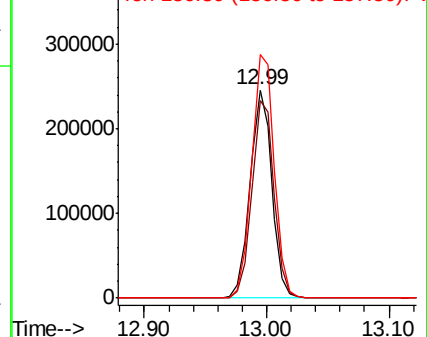


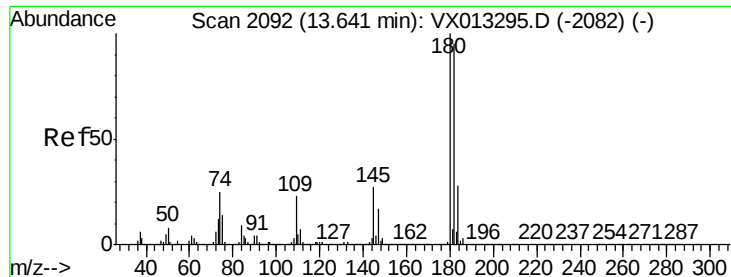
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

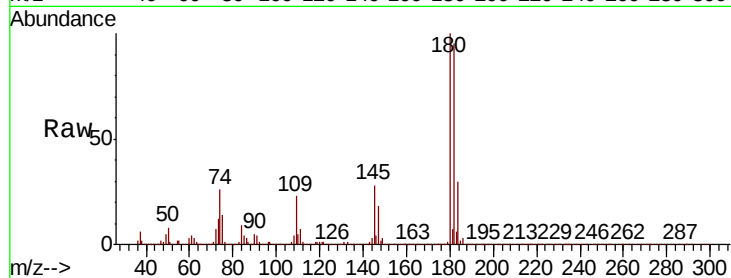




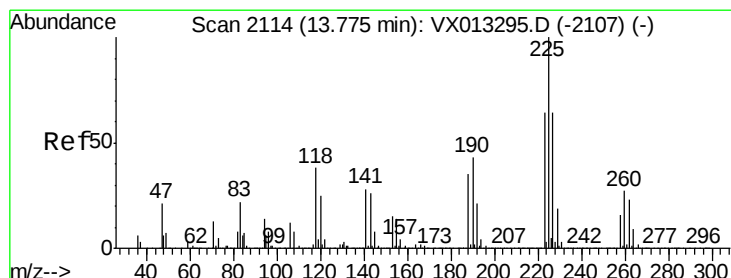
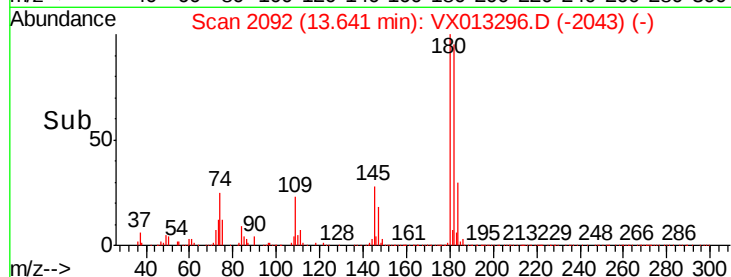
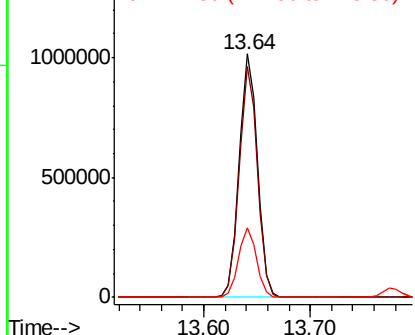
#93
 1,2,4-Trichlorobenzene
 Concen: 107.513 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 1227830
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.4 145.0
 145 28.1 14.1 42.4

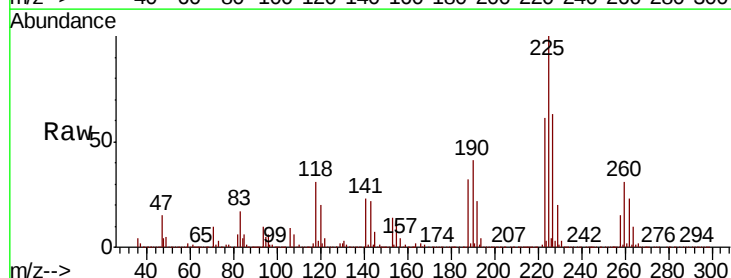


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

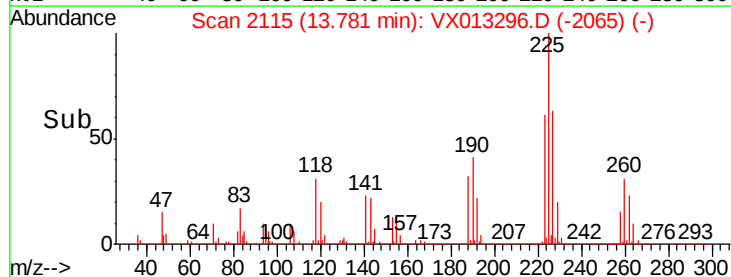
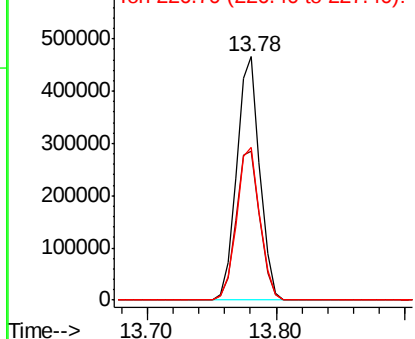


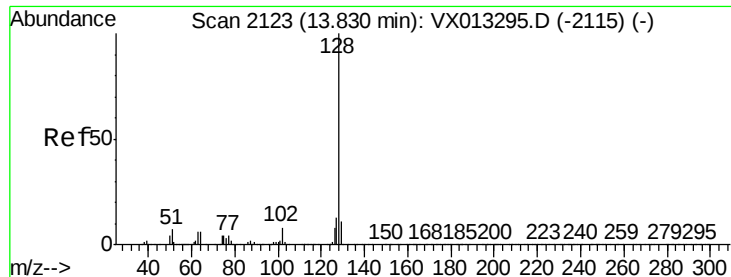
#94
 Hexachlorobutadiene
 Concen: 102.145 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013296.D
 Acq: 31 Oct 2019 17:52

Tgt Ion:225 Resp: 576716
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.7
 227 63.6 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

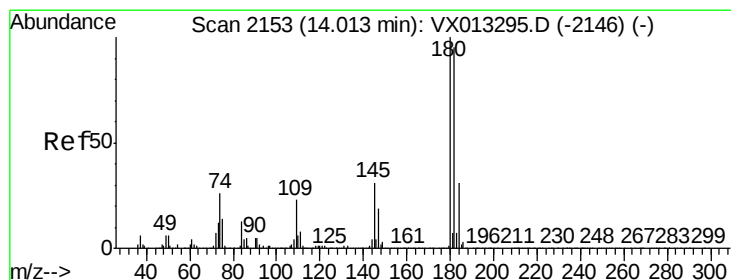
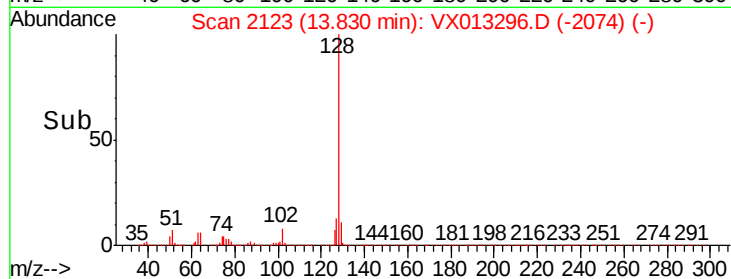
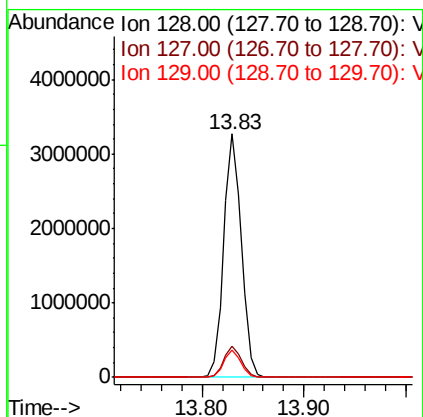
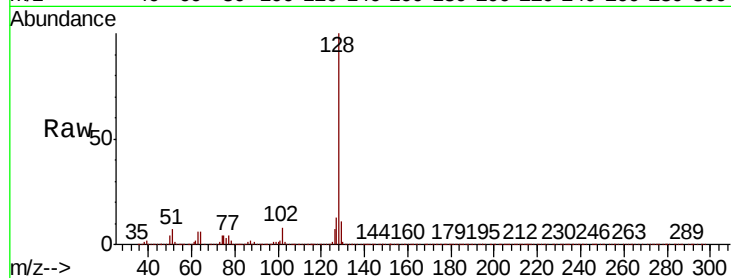




#95
Naphthalene
Concen: 114.444 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 3932056
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 106.699 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013296.D
Acq: 31 Oct 2019 17:52

Tgt Ion:180 Resp: 1217356
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 30.3 15.4 46.4

