

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013615.D
 Acq On : 26 Nov 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1046555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	942864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	372695	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	312152	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	1198682	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	428226	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	398320	52.092	ug/l	99
3) Chloromethane	1.32	50	430827	50.214	ug/l	100
4) Vinyl Chloride	1.40	62	493709	51.125	ug/l	98
5) Bromomethane	1.63	94	312646	48.209	ug/l	99
6) Chloroethane	1.71	64	262271	47.727	ug/l	97
7) Trichlorofluoromethane	1.92	101	525486	49.005	ug/l	97
8) Diethyl Ether	2.18	74	238089	49.078	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	316134	48.267	ug/l	98
10) Methyl Iodide	2.50	142	398778	50.332	ug/l	99
11) Tert butyl alcohol	3.03	59	488110	247.985	ug/l	100
12) 1,1-Dichloroethene	2.36	96	323878	49.540	ug/l	98
13) Acrolein	2.28	56	304850	232.030	ug/l	99
14) Allyl chloride	2.72	41	578580	48.766	ug/l	100
15) Acrylonitrile	3.13	53	1023046	251.800	ug/l	100
16) Acetone	2.43	43	898379	228.189	ug/l	99
17) Carbon Disulfide	2.56	76	873658	46.877	ug/l	98
18) Methyl Acetate	2.76	43	576296	52.567	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1088119	50.241	ug/l	98
20) Methylene Chloride	2.84	84	365498	48.323	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	346244	48.615	ug/l	99
22) Diisopropyl ether	3.84	45	1129206	49.428	ug/l	99
23) Vinyl Acetate	3.80	43	4749561	249.912	ug/l	100
24) 1,1-Dichloroethane	3.69	63	615141	49.256	ug/l	99
25) 2-Butanone	4.66	43	1462114	249.886	ug/l	98
26) 2,2-Dichloropropane	4.57	77	467473	45.242	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	392305	47.964	ug/l	99
28) Bromochloromethane	5.00	49	243041	49.245	ug/l	100
29) Tetrahydrofuran	5.11	42	943043	261.446	ug/l	99
30) Chloroform	5.20	83	609188	48.098	ug/l	99
31) Cyclohexane	5.57	56	563805	47.864	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	523122	49.425	ug/l	99
36) 1,1-Dichloropropene	5.79	75	462974	48.734	ug/l	99
37) Ethyl Acetate	4.82	43	556379	52.205	ug/l	99
38) Carbon Tetrachloride	5.78	117	447743	51.113	ug/l	99

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Quant Time: Nov 27 03:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	572589	48.760	ug/l	98
40) Benzene	6.14	78	1419431	49.057	ug/l	100
41) Methacrylonitrile	5.03	41	308510	52.783	ug/l	99
42) 1,2-Dichloroethane	6.19	62	488469	49.502	ug/l	99
43) Isopropyl Acetate	6.43	43	902761	51.451	ug/l	99
44) Trichloroethene	7.21	130	383009	48.233	ug/l	94
45) 1,2-Dichloropropane	7.51	63	362007	50.006	ug/l	97
46) Dibromomethane	7.65	93	240032	48.820	ug/l	100
47) Bromodichloromethane	7.89	83	464442	49.968	ug/l	99
48) Methyl methacrylate	7.76	41	444418	52.130	ug/l	99
49) 1,4-Dioxane	7.73	88	200150	1048.866	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2846108	257.875	ug/l	100
52) Toluene	8.78	92	888895	49.452	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	528477	49.951	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	583318	50.466	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	363162	50.136	ug/l	97
56) Ethyl methacrylate	9.17	69	608015	52.209	ug/l	99
57) 1,3-Dichloropropane	9.37	76	610413	48.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1156696	253.325	ug/l	100
59) 2-Hexanone	9.49	43	2216908	257.545	ug/l	100
60) Dibromochloromethane	9.58	129	388139	51.632	ug/l	100
61) 1,2-Dibromoethane	9.67	107	382260	49.410	ug/l	99
64) Tetrachloroethene	9.33	164	346127	49.227	ug/l	98
65) Chlorobenzene	10.14	112	960065	49.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	361938	51.489	ug/l	99
67) Ethyl Benzene	10.25	91	1698731	50.499	ug/l	99
68) m/p-Xylenes	10.36	106	1303910	101.245	ug/l	99
69) o-Xylene	10.70	106	628921	50.071	ug/l	98
70) Styrene	10.71	104	1092354	51.699	ug/l	99
71) Bromoform	10.85	173	302005	51.924	ug/l #	99
73) Isopropylbenzene	11.01	105	1651904	49.020	ug/l	100
74) N-amyl acetate	10.89	43	789560	51.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	587658	50.285	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	676088	62.570	ug/l	88
77) Bromobenzene	11.25	156	443665	48.734	ug/l	99
78) n-propylbenzene	11.35	91	1863462	49.536	ug/l	99
79) 2-Chlorotoluene	11.42	91	1106456	49.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1384791	50.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	196683	49.799	ug/l	98
82) 4-Chlorotoluene	11.51	91	1268309	48.526	ug/l	100
83) tert-Butylbenzene	11.77	119	1400910	49.909	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1406041	50.161	ug/l	99
85) sec-Butylbenzene	11.94	105	1588575	49.548	ug/l	100
86) p-Isopropyltoluene	12.06	119	1489142	49.927	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	769615	48.496	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	765814	47.377	ug/l	99
89) n-Butylbenzene	12.39	91	1275386	50.135	ug/l	100
90) Hexachloroethane	12.59	117	264623	49.084	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	769392	49.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131071	51.503	ug/l	96

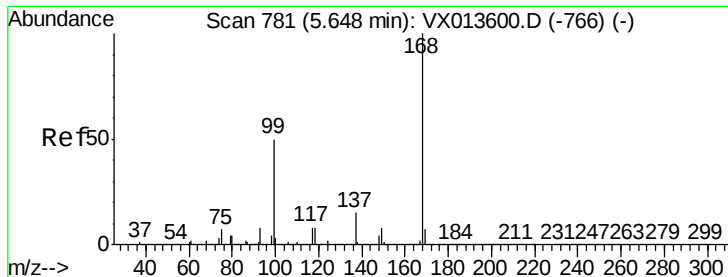
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	533422	48.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	241622	46.028	ug/l	98
95) Naphthalene	13.83	128	1720661	52.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	539924	49.902	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

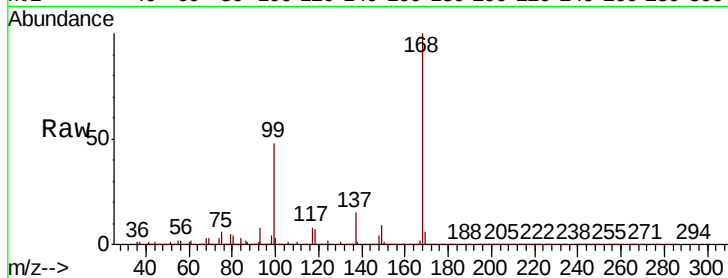
ClientSampleId :

Tot Ion:168 Resp: 686978

Ion Ratio Lower Upper

168 100

99 48.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

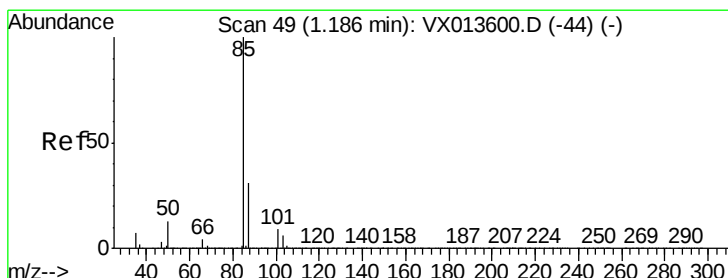
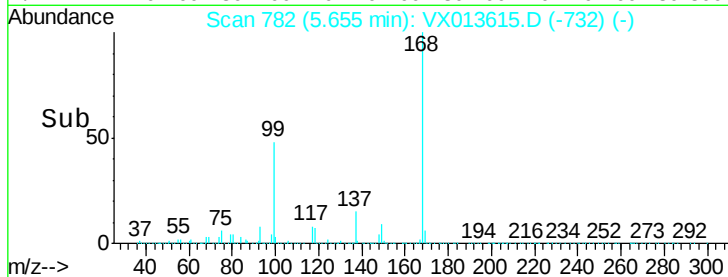
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.092 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013615.D

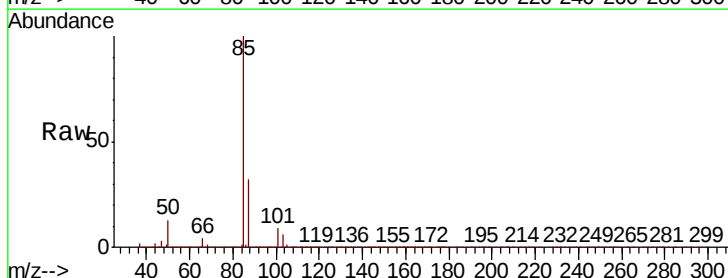
Acq: 26 Nov 2019 22:02

Tgt Ion: 85 Resp: 398320

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

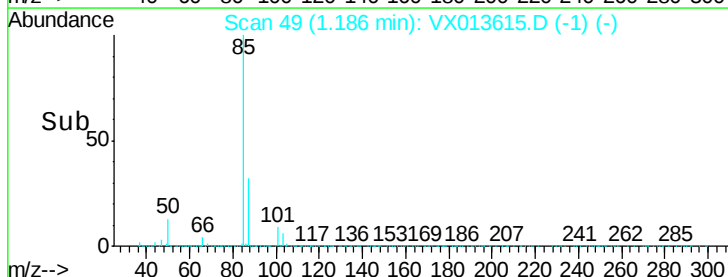
300000

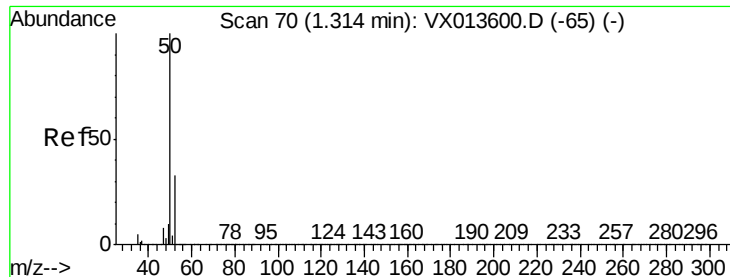
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.214 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

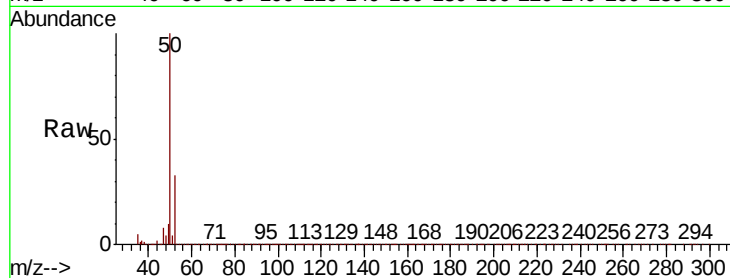
ClientSampleId :

Tot Ion: 50 Resp: 430827

Ion Ratio Lower Upper

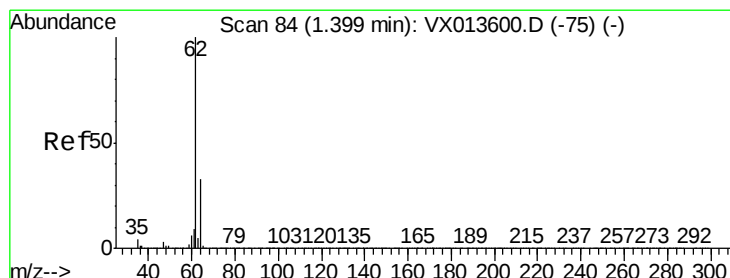
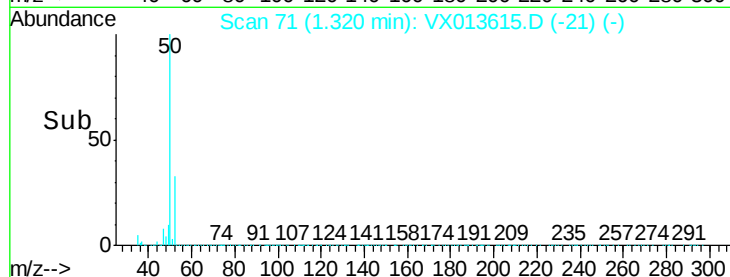
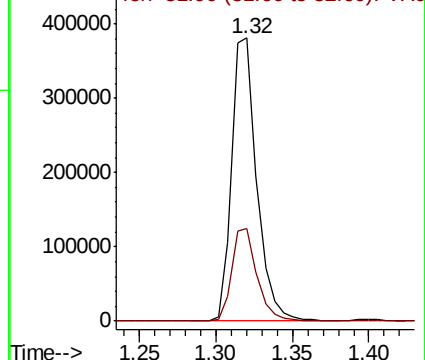
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.125 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013615.D

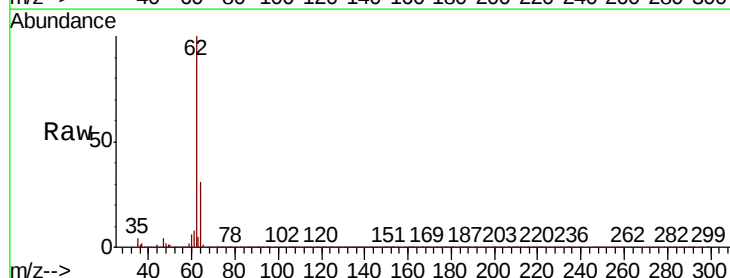
Acq: 26 Nov 2019 22:02

Tgt Ion: 62 Resp: 493709

Ion Ratio Lower Upper

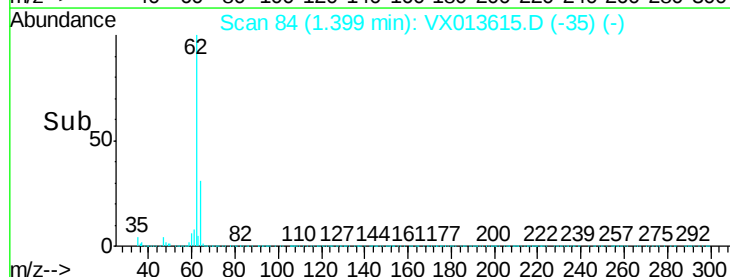
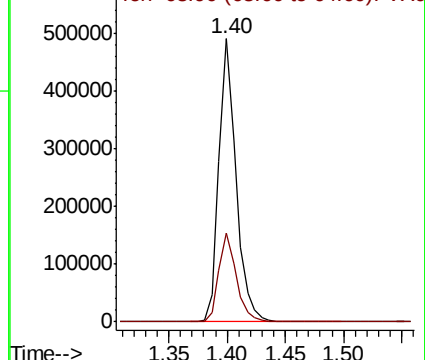
62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.209 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

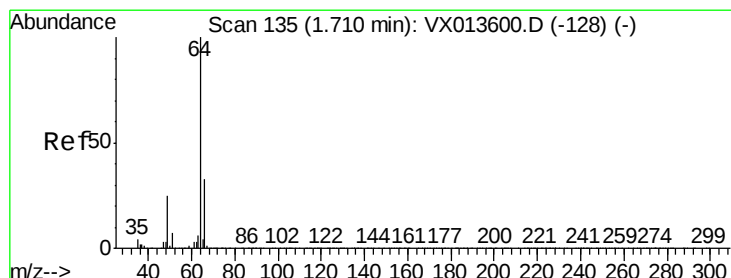
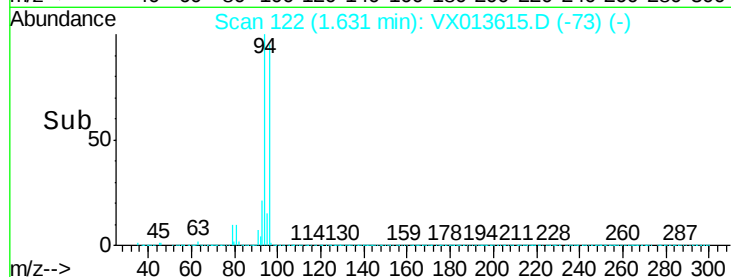
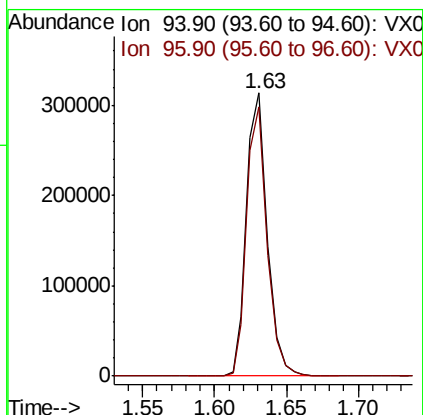
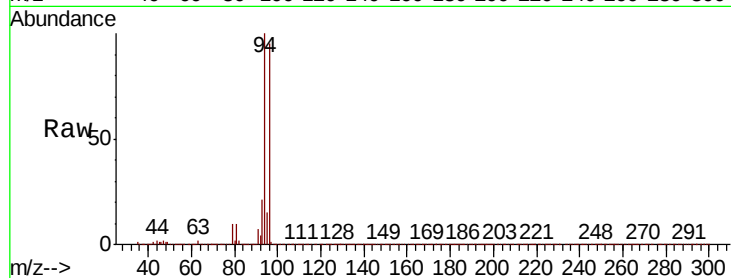
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 312646

Ion Ratio Lower Upper

94 100

96 95.3 77.0 115.4



#6

Chloroethane

Concen: 47.727 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013615.D

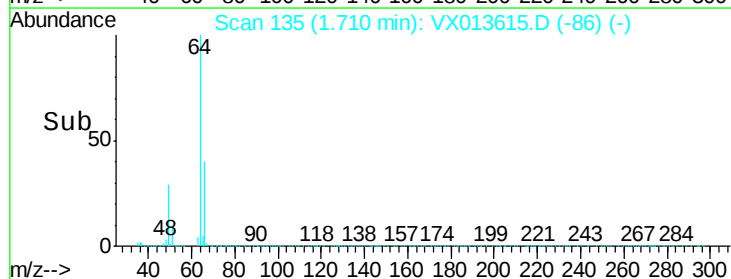
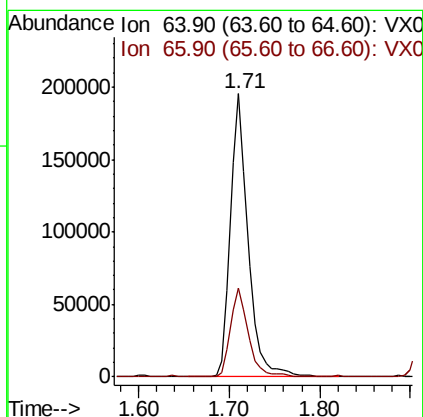
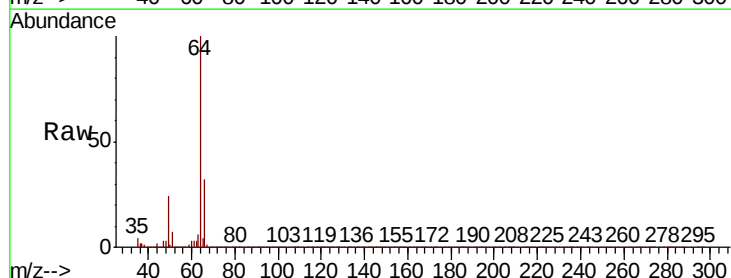
Acq: 26 Nov 2019 22:02

Tgt Ion: 64 Resp: 262271

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



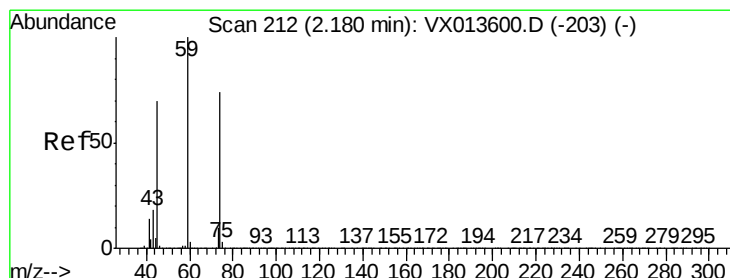
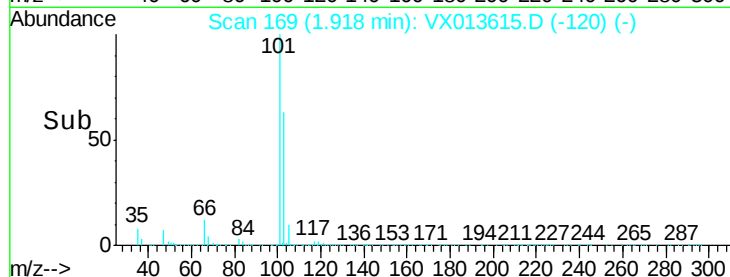
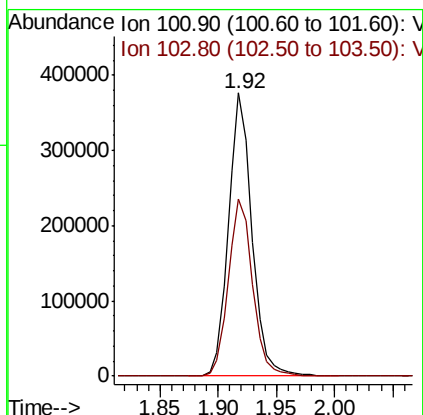
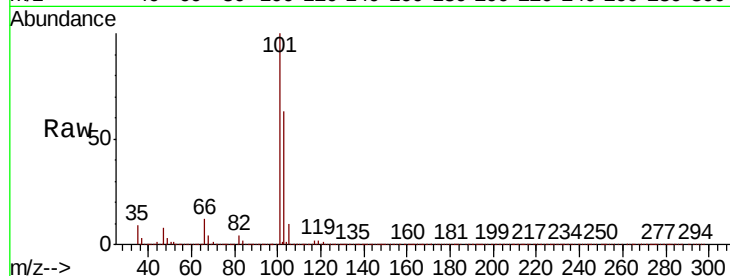


#7

Trichlorofluoromethane
Concen: 49.005 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :

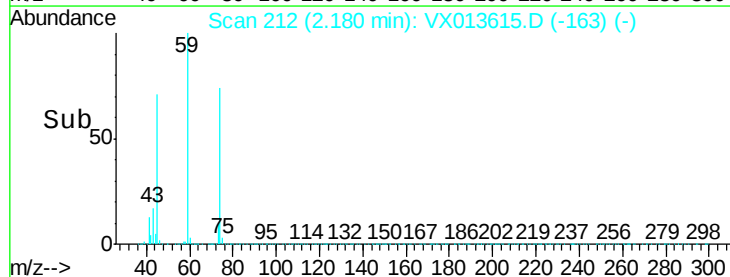
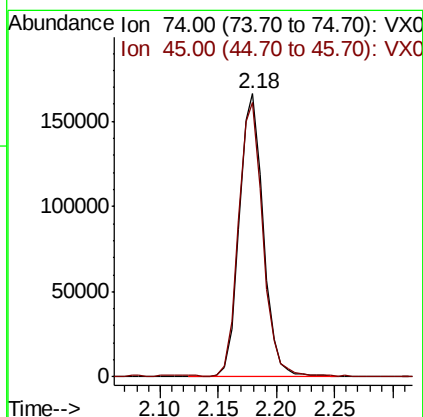
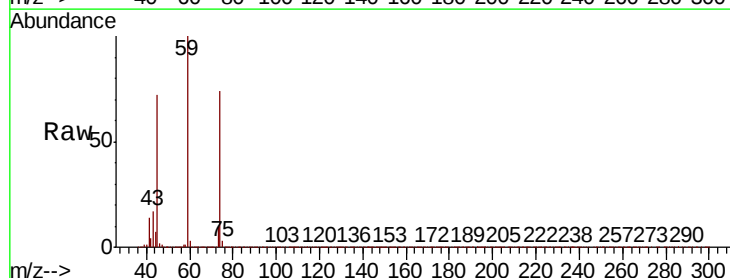
Tot Ion:101 Resp: 525486
Ion Ratio Lower Upper
101 100
103 62.5 51.8 77.6

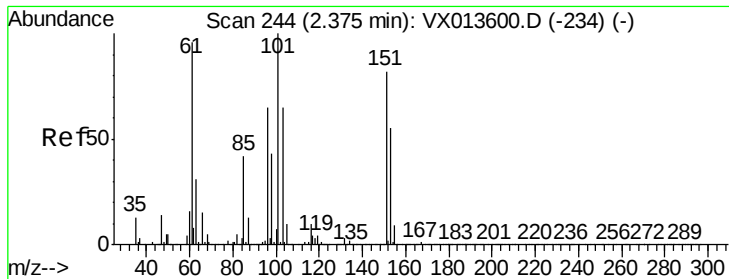


#8

Diethyl Ether
Concen: 49.078 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion: 74 Resp: 238089
Ion Ratio Lower Upper
74 100
45 97.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.267 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013615.D

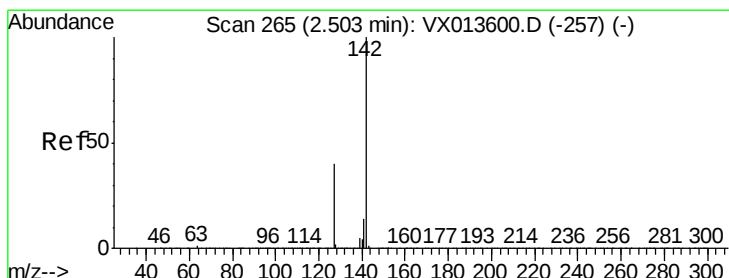
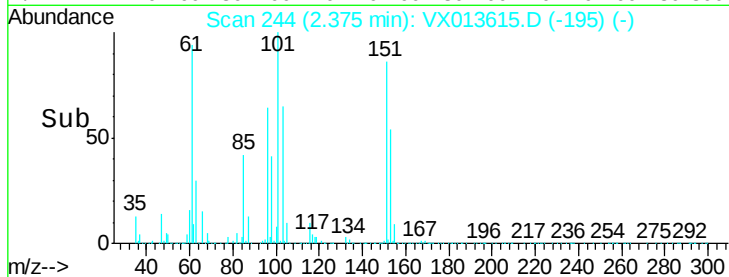
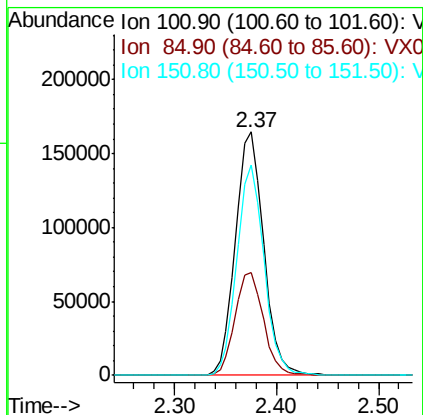
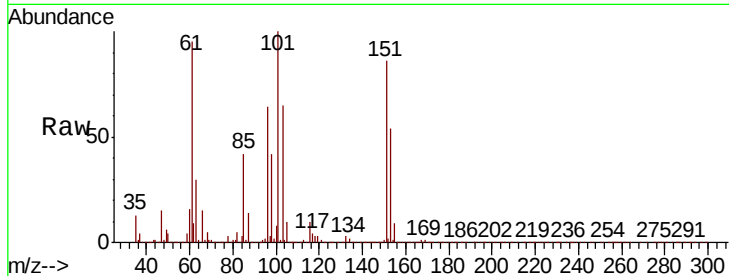
Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	316134
Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.9	50.9
151	83.2	64.2	96.2



#10

Methyl Iodide

Concen: 50.332 ug/l

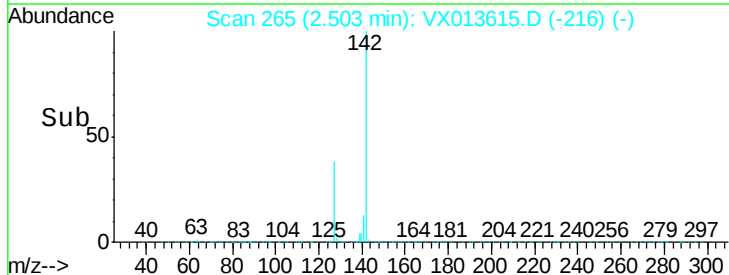
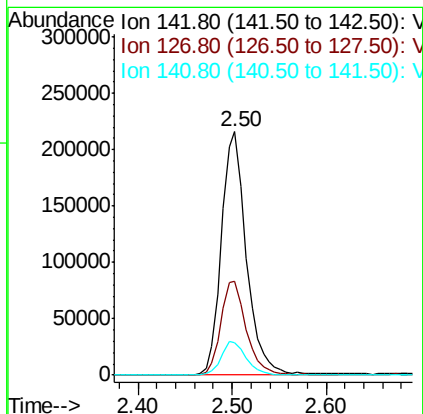
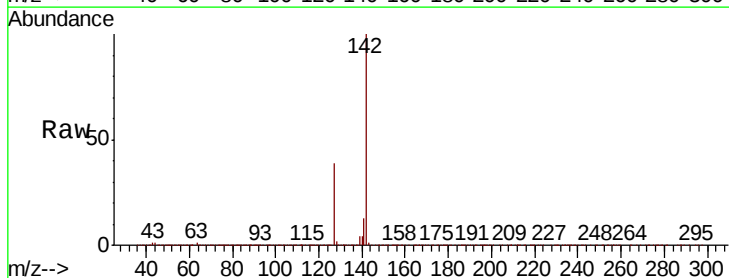
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Tgt Ion:	142	Resp:	398778
Ion	Ratio	Lower	Upper
142	100		
127	39.2	31.0	46.4
141	13.9	11.6	17.4



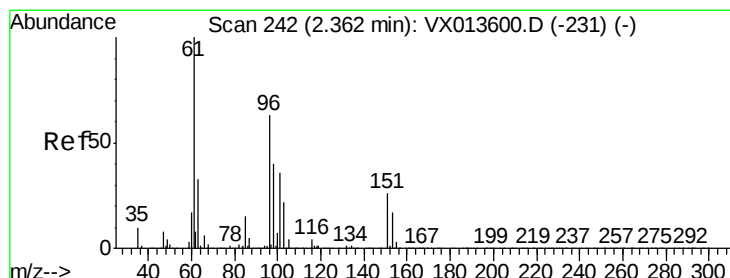
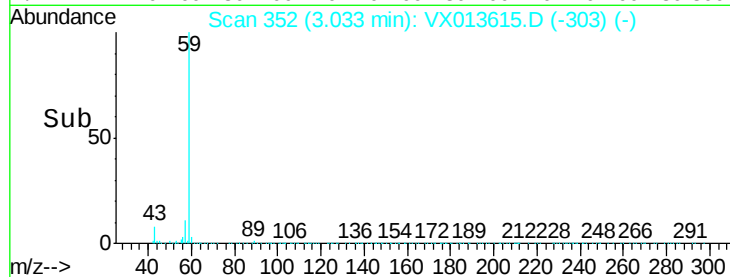
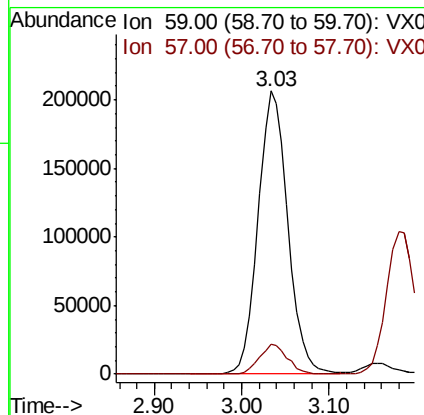
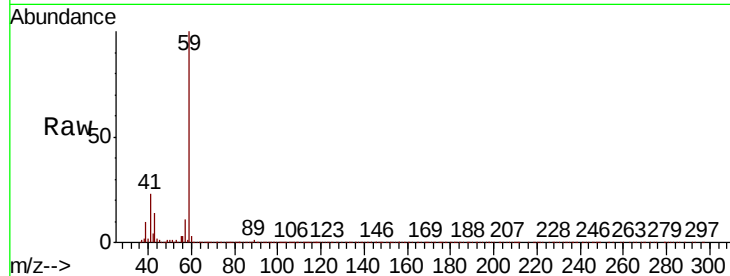


#11

Tert butyl alcohol
Concen: 247.985 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Instrument :
MSVOA_X
ClientSampled :

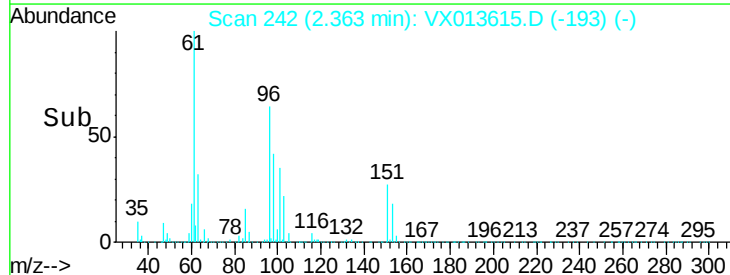
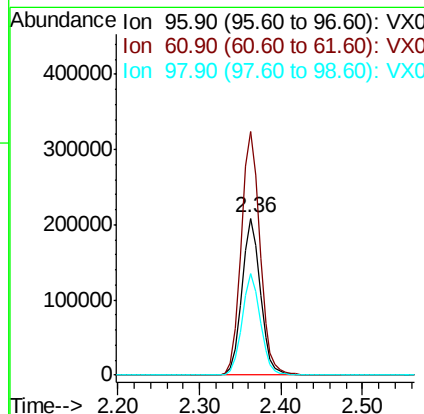
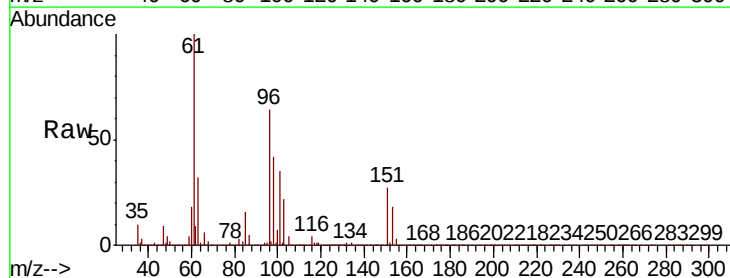
Tot Ion: 59 Resp: 488110
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6

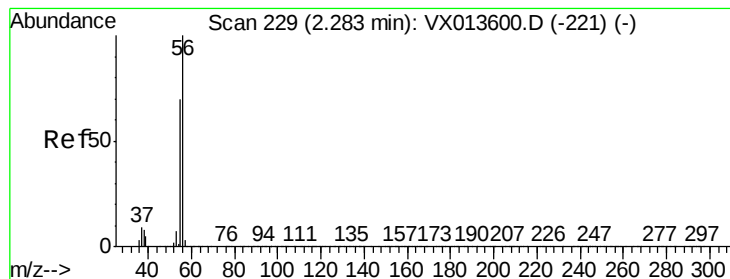


#12

1,1-Dichloroethene
Concen: 49.540 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion: 96 Resp: 323878
Ion Ratio Lower Upper
96 100
61 154.8 126.6 190.0
98 64.2 50.6 76.0





#13

Acrolein

Concen: 232.030 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

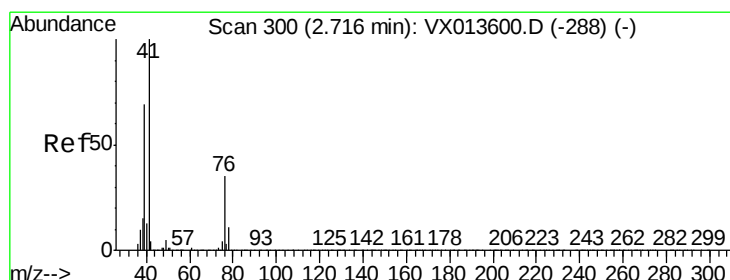
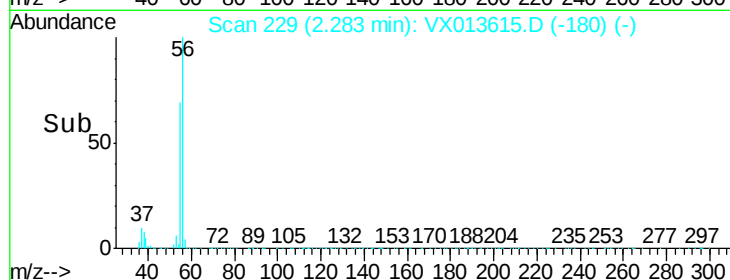
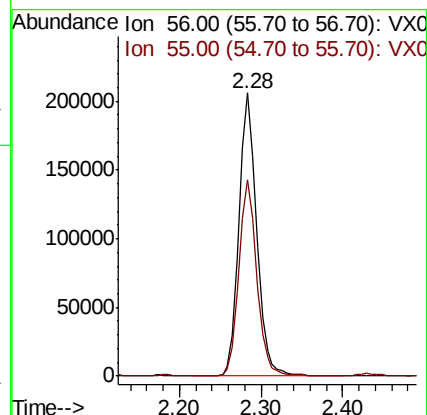
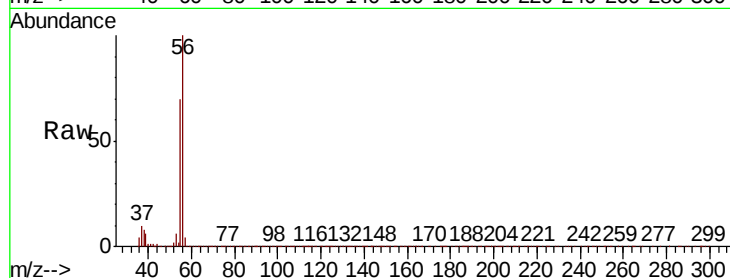
ClientSampleId :

Tot Ion: 56 Resp: 304850

Ion Ratio Lower Upper

56 100

55 69.7 56.2 84.4



#14

Allyl chloride

Concen: 48.766 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

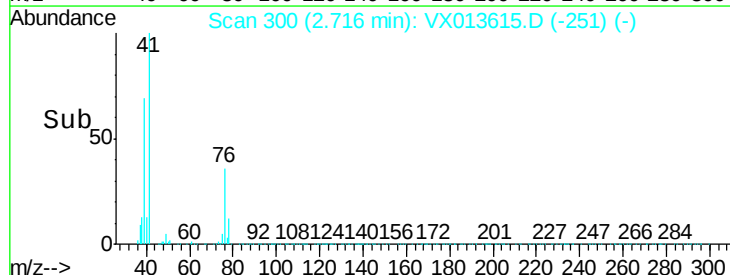
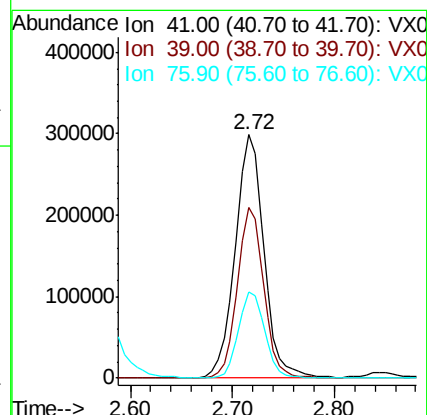
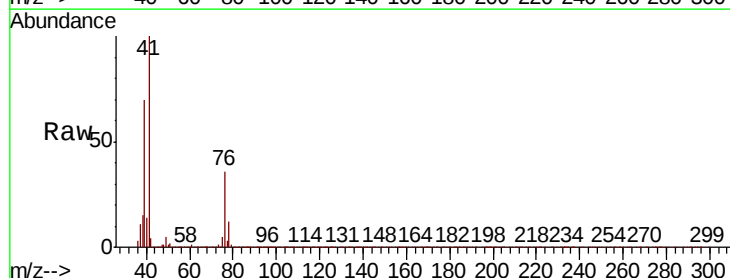
Tgt Ion: 41 Resp: 578580

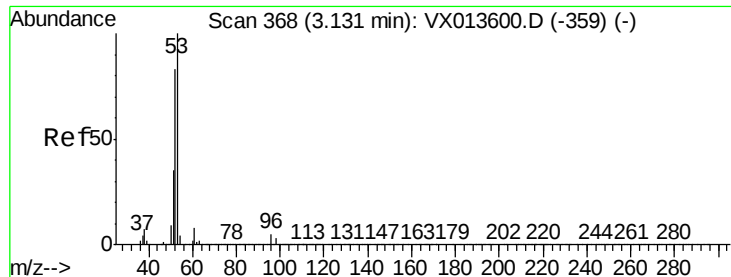
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.4 25.9 38.9



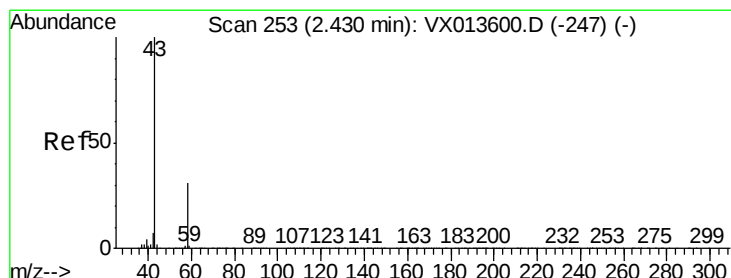
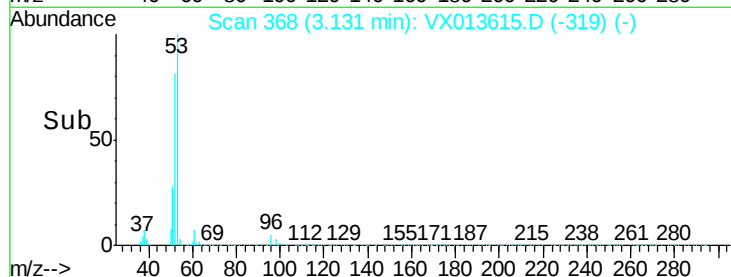
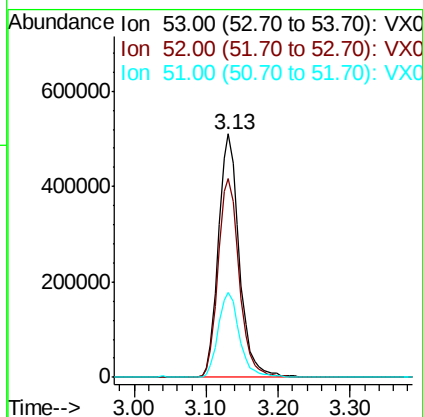
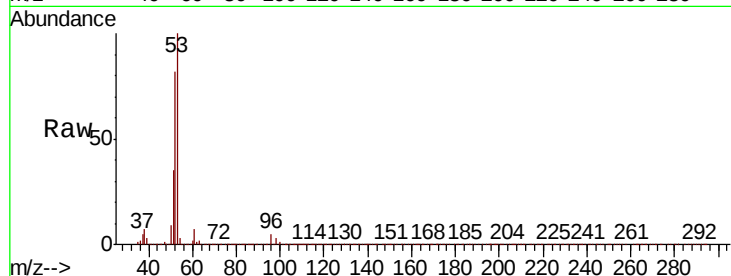


#15
 Acrylonitrile
 Concen: 251.800 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 1023046

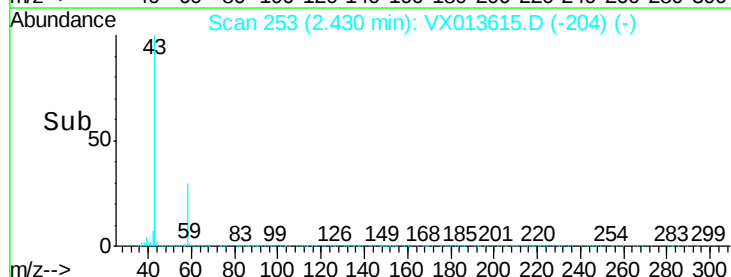
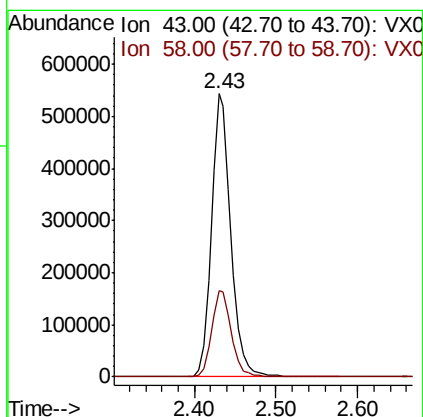
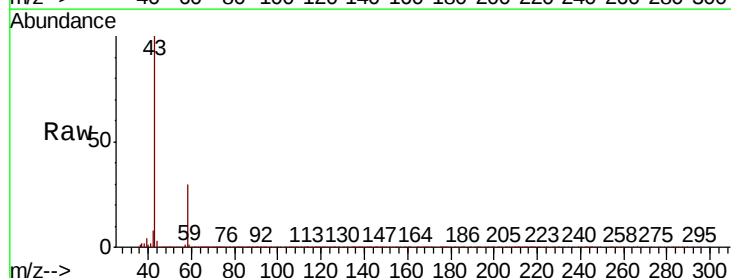
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.8	29.0	43.6

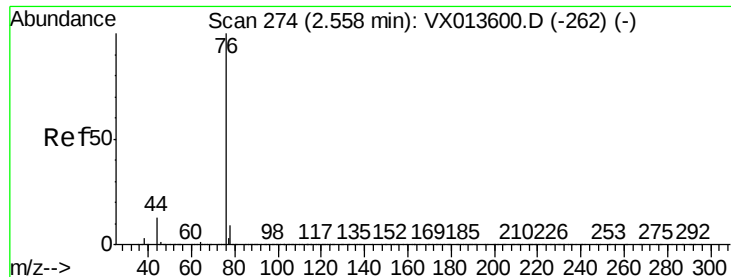


#16
 Acetone
 Concen: 228.189 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion: 43 Resp: 898379

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	36.8





#17

Carbon Disulfide

Concen: 46.877 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

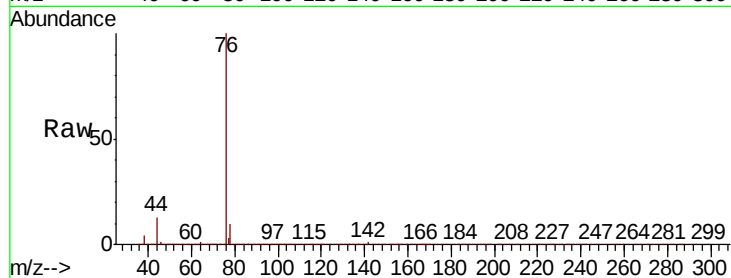
ClientSampled :

Tot Ion: 76 Resp: 873658

Ion Ratio Lower Upper

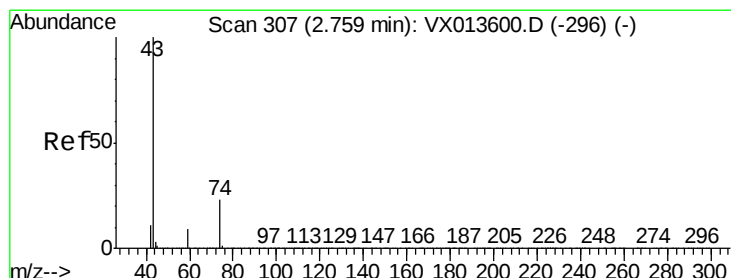
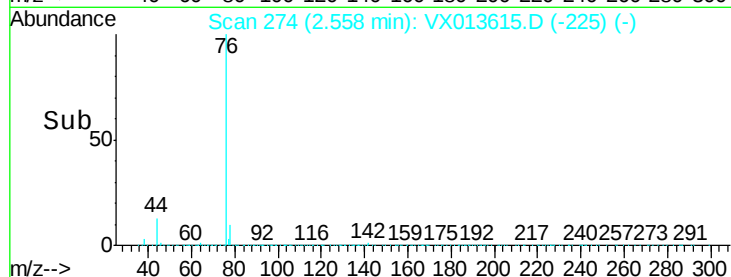
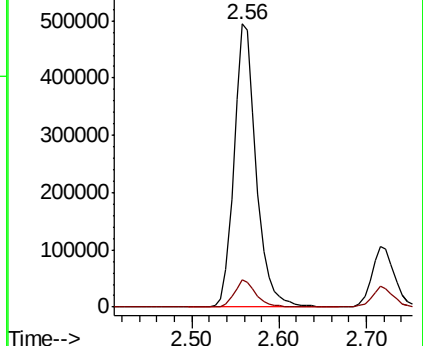
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.567 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013615.D

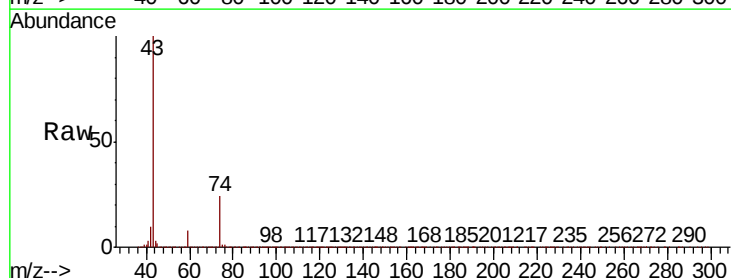
Acq: 26 Nov 2019 22:02

Tgt Ion: 43 Resp: 576296

Ion Ratio Lower Upper

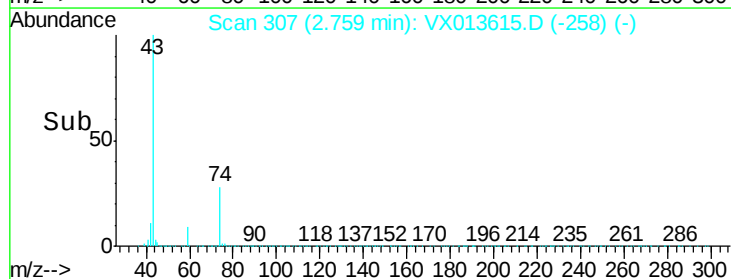
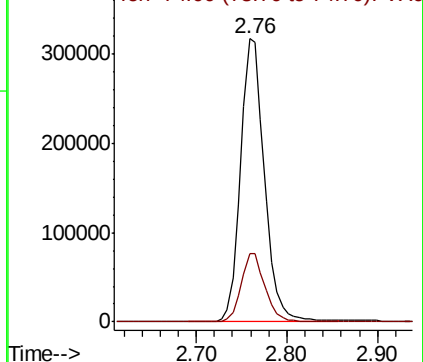
43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



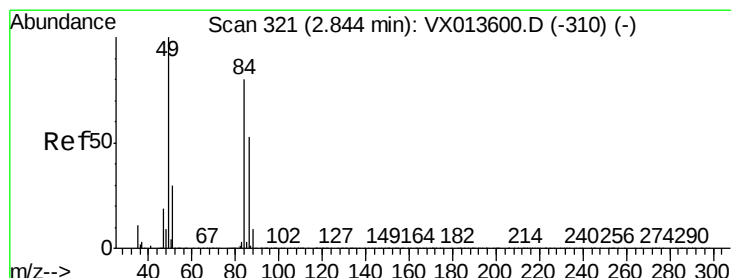
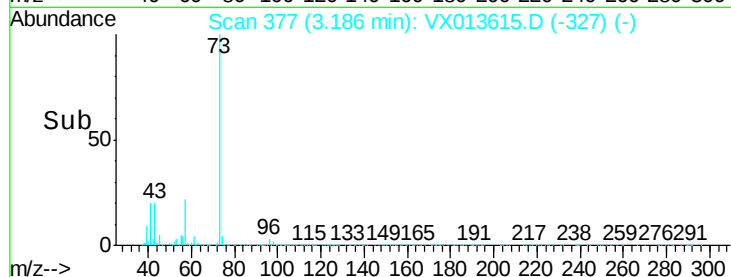
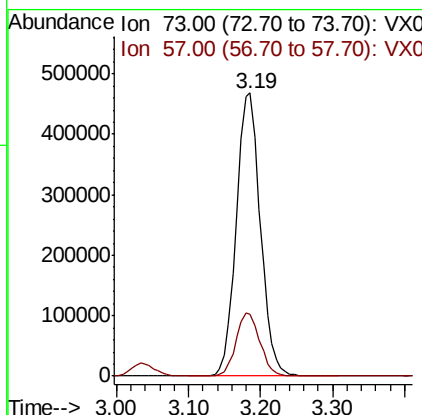
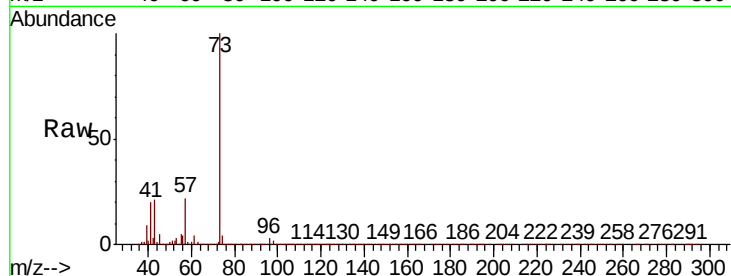


#19

Methyl tert-butyl Ether
 Concen: 50.241 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Instrument :
 MSVOA_X
 ClientSampled :

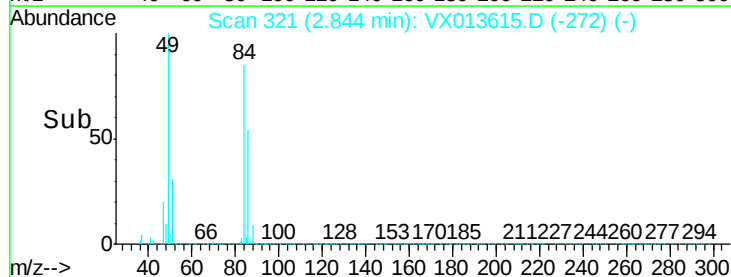
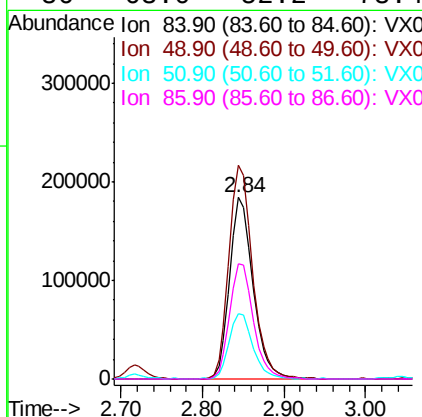
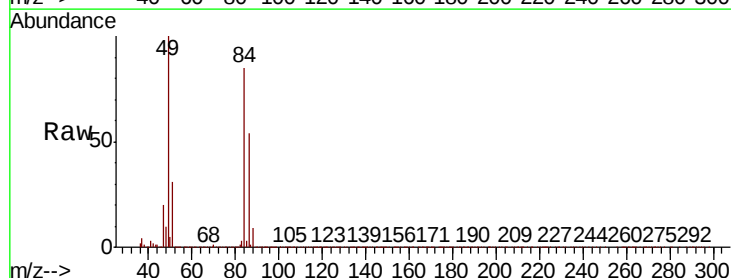
Tot Ion: 73 Resp: 1088119
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.3 27.5

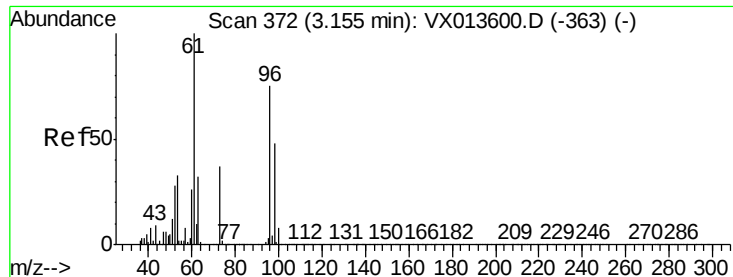


#20

Methylene Chloride
 Concen: 48.323 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion: 84 Resp: 365498
 Ion Ratio Lower Upper
 84 100
 49 117.5 99.7 149.5
 51 36.0 29.9 44.9
 86 63.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.615 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :

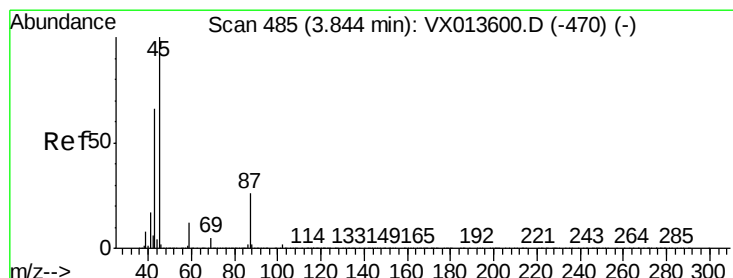
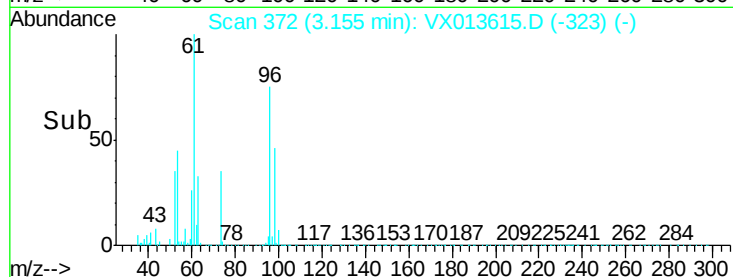
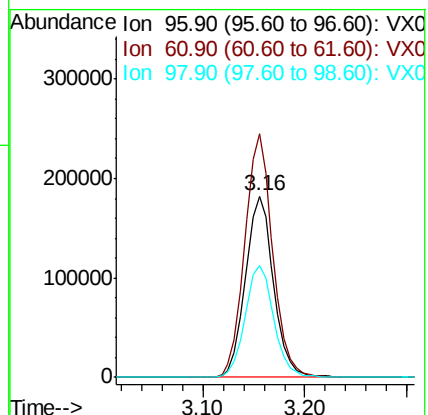
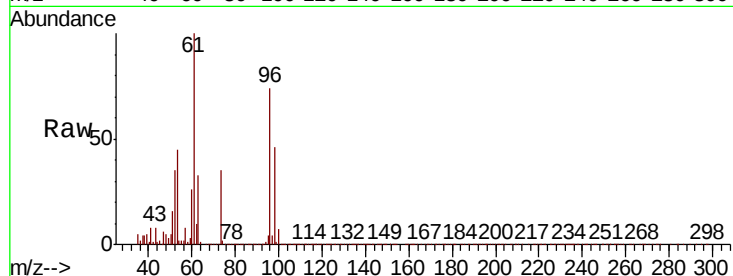
Tot Ion: 96 Resp: 346244

Ion Ratio Lower Upper

96 100

61 134.4 107.2 160.8

98 61.5 51.4 77.0



#22

Diisopropyl ether

Concen: 49.428 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Tgt Ion: 45 Resp: 1129206

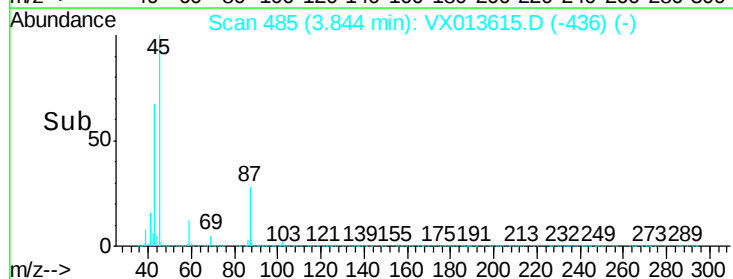
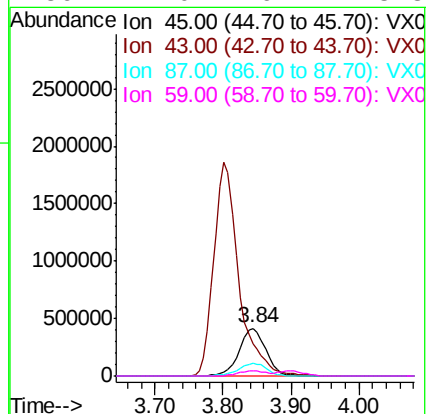
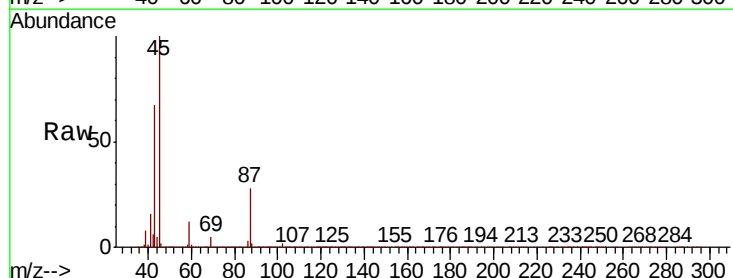
Ion Ratio Lower Upper

45 100

43 66.7 52.6 79.0

87 27.6 21.1 31.7

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 249.912 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

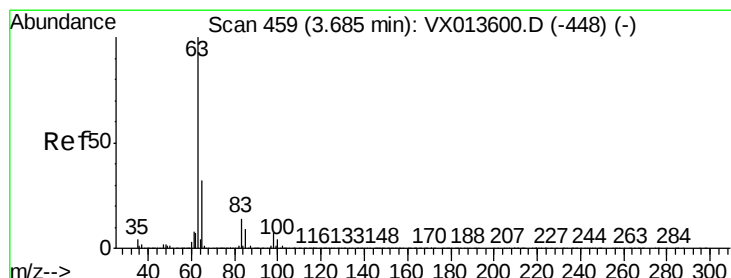
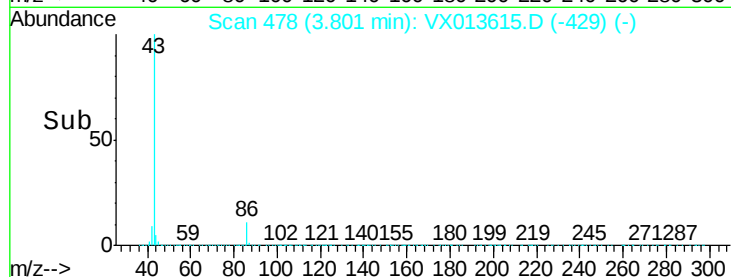
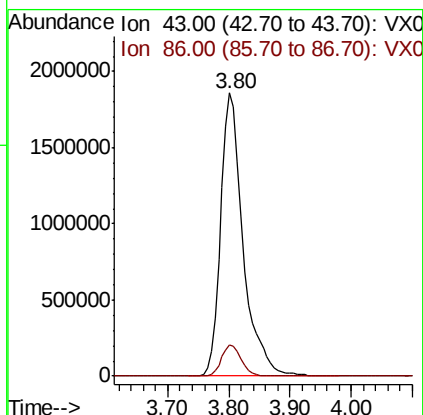
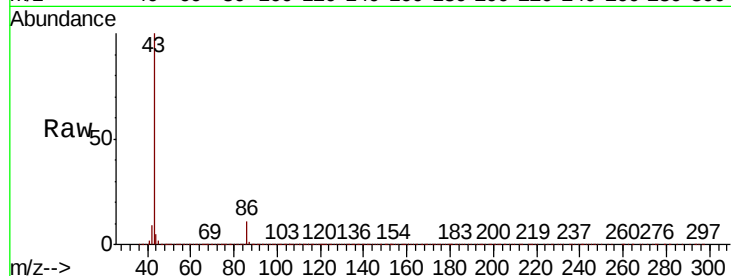
ClientSampleId :

Tot Ion: 43 Resp: 4749561

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.256 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

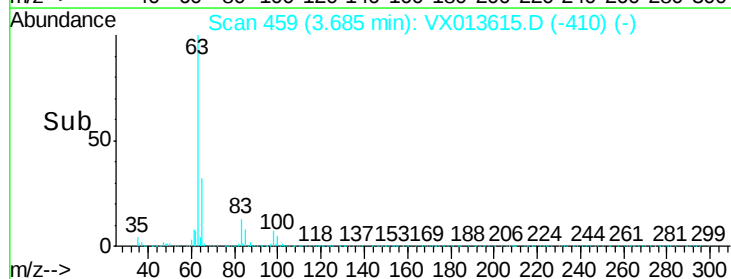
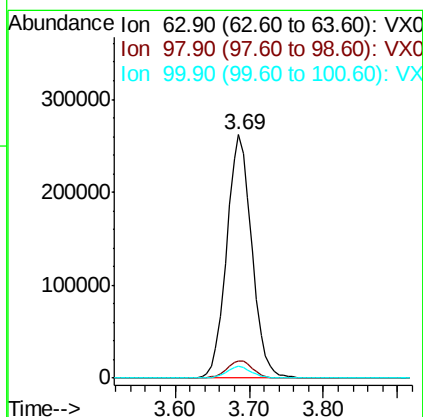
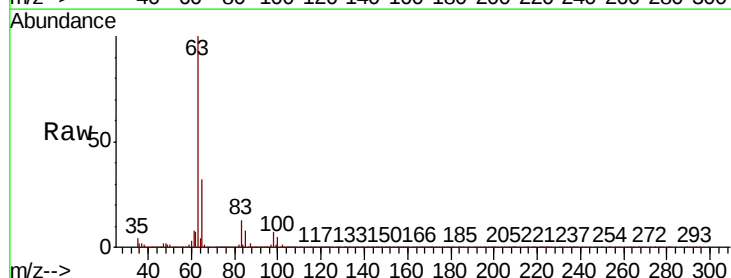
Tgt Ion: 63 Resp: 615141

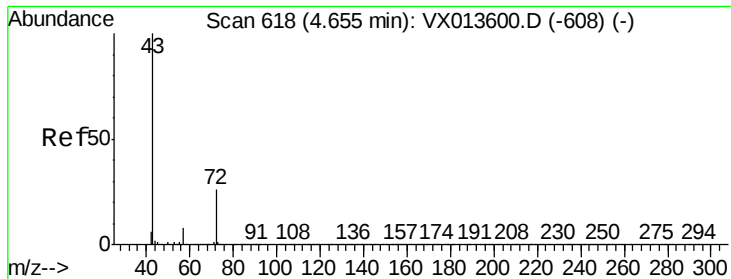
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 249.886 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

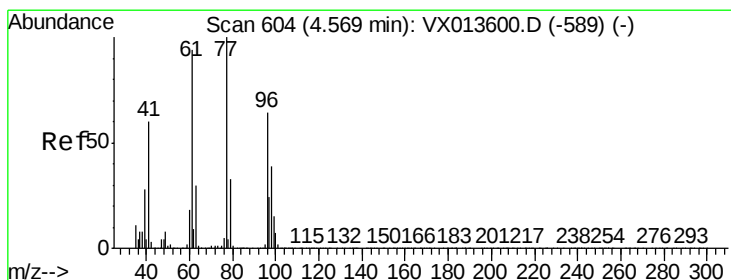
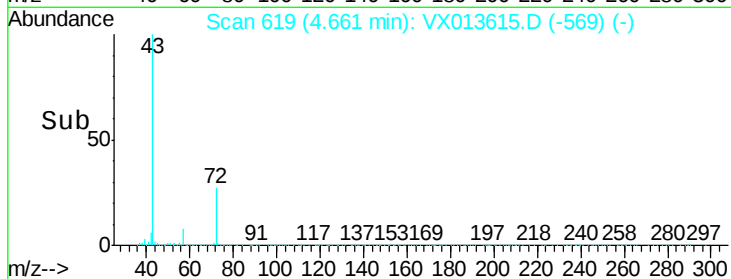
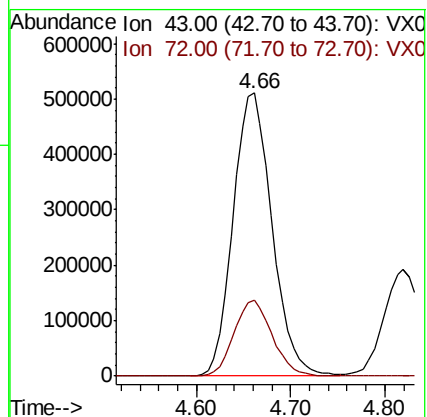
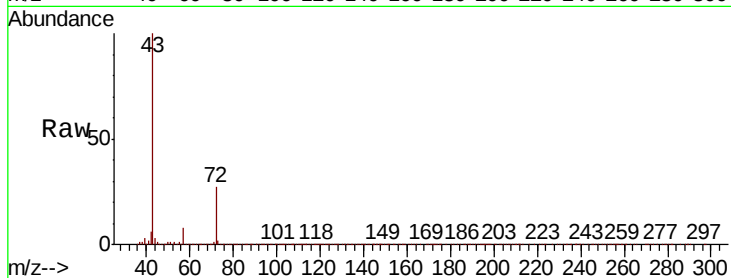
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1462114

Ion Ratio Lower Upper

43 100

72 26.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 45.242 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013615.D

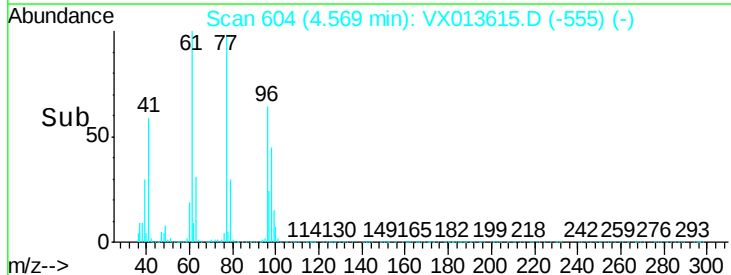
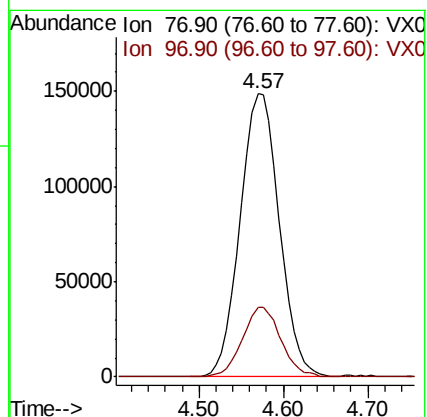
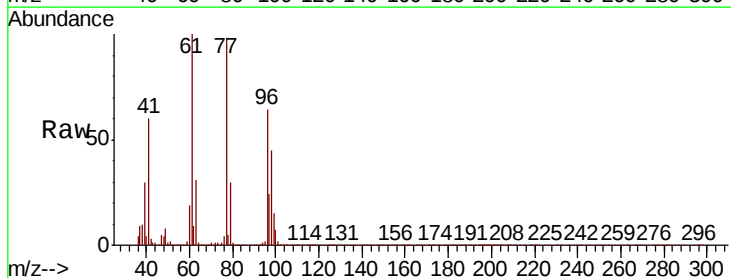
Acq: 26 Nov 2019 22:02

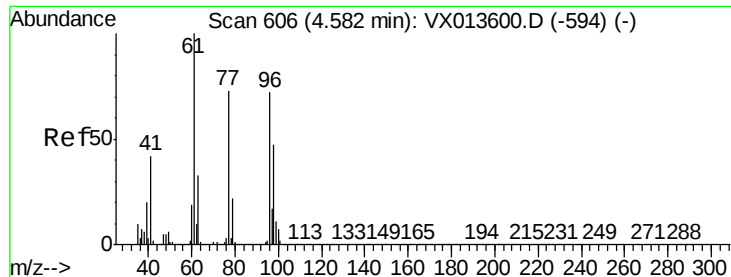
Tgt Ion: 77 Resp: 467473

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1



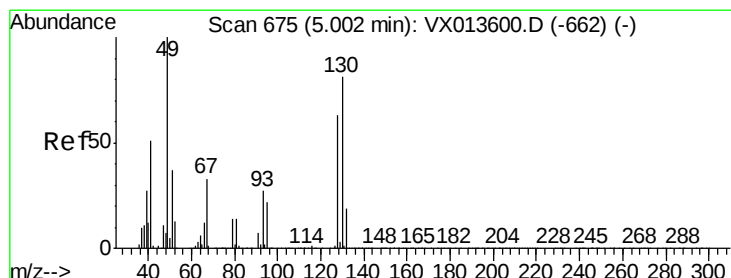
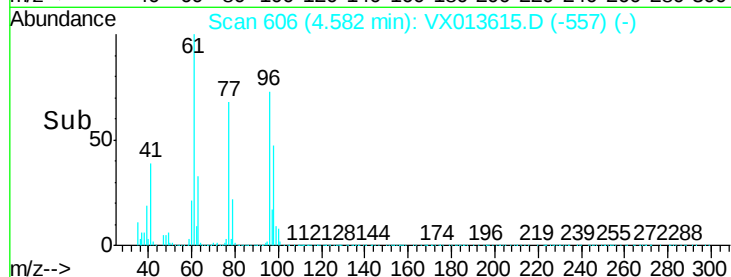
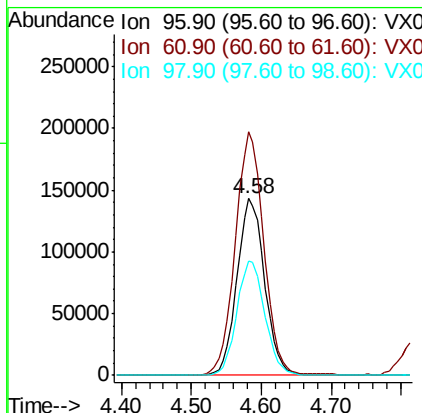
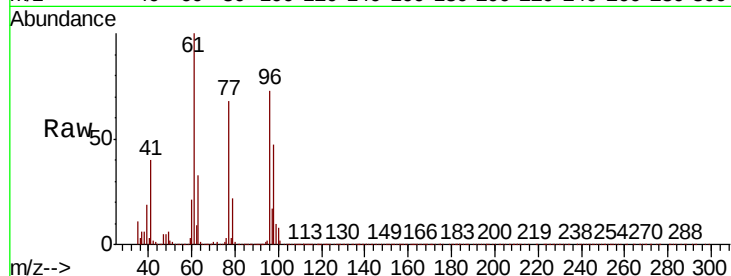


#27

cis-1,2-Dichloroethene
Concen: 47.964 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :

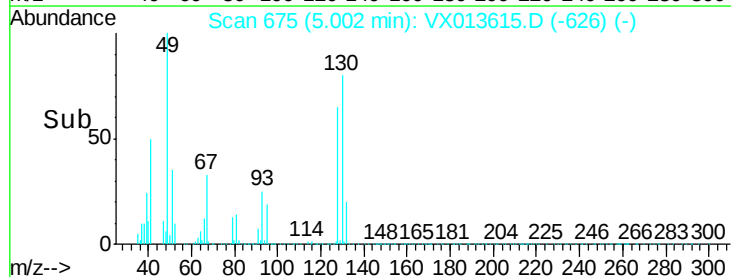
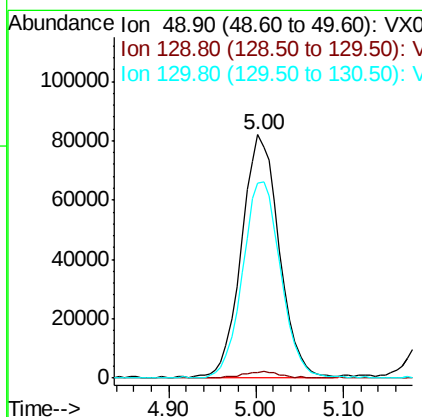
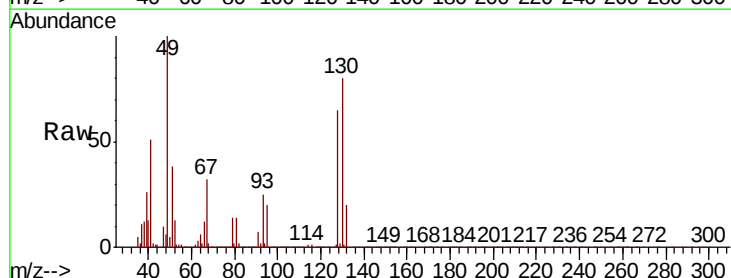
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	286.4
98	65.0	0.0	127.4

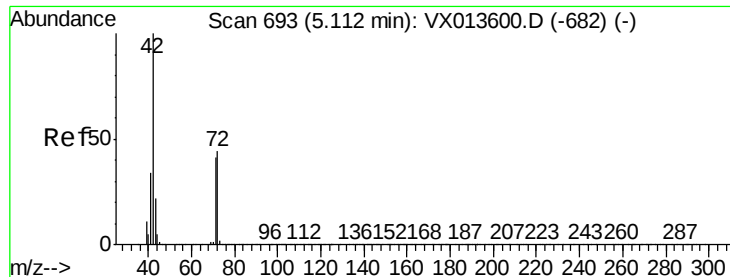


#28

Bromochloromethane
Concen: 49.245 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	81.8	65.4	98.0





#29

Tetrahydrofuran

Concen: 261.446 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

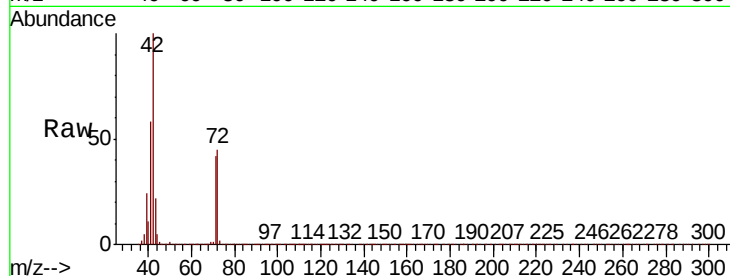
Tot Ion: 42 Resp: 943043

Ion Ratio Lower Upper

42 100

72 46.0 36.3 54.5

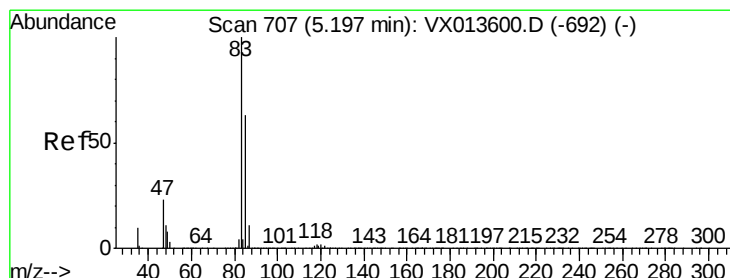
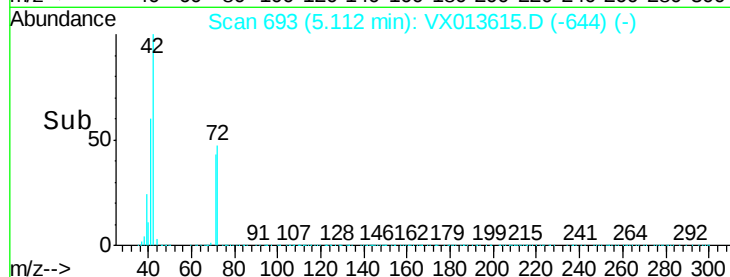
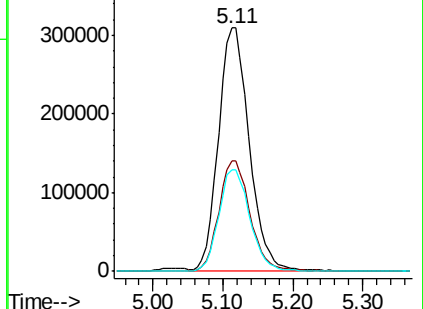
71 42.3 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.098 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013615.D

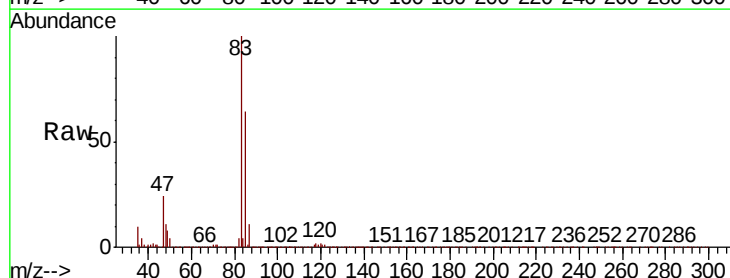
Acq: 26 Nov 2019 22:02

Tgt Ion: 83 Resp: 609188

Ion Ratio Lower Upper

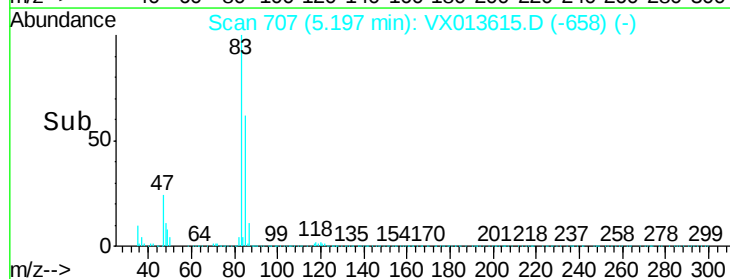
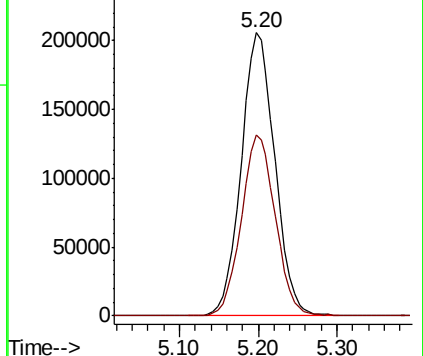
83 100

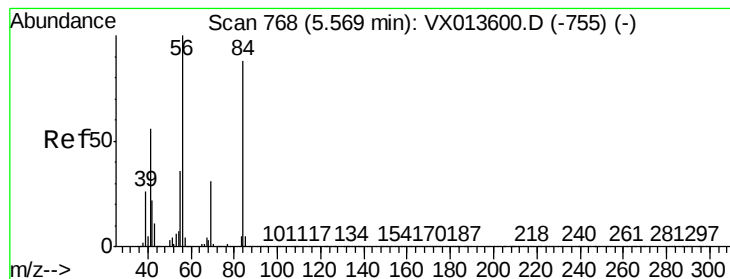
85 63.7 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.864 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

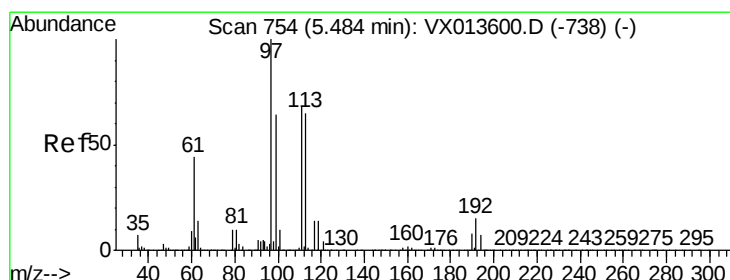
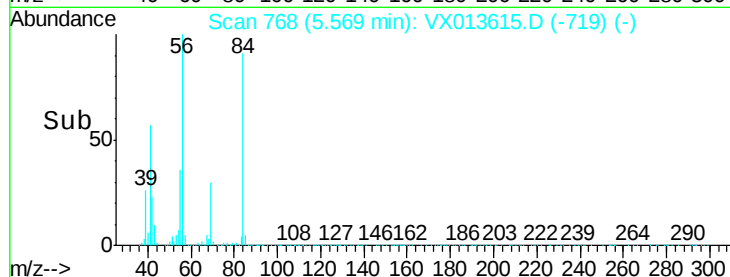
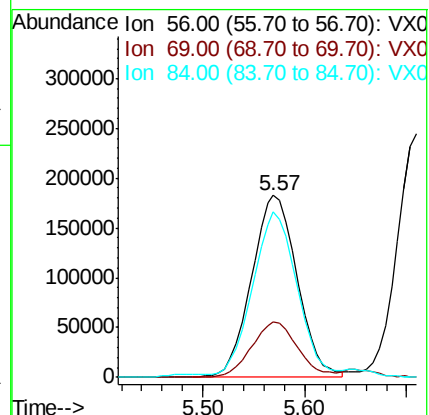
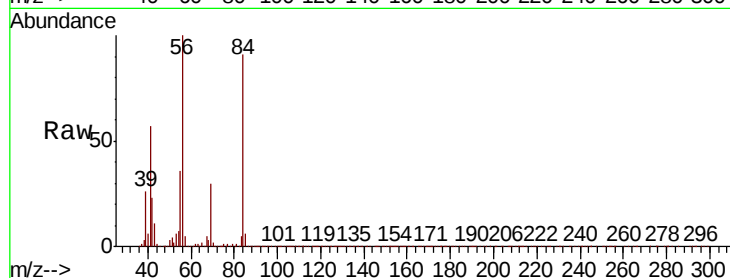
Tot Ion: 56 Resp: 563805

Ion Ratio Lower Upper

56 100

69 30.3 24.6 36.8

84 90.0 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 49.425 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

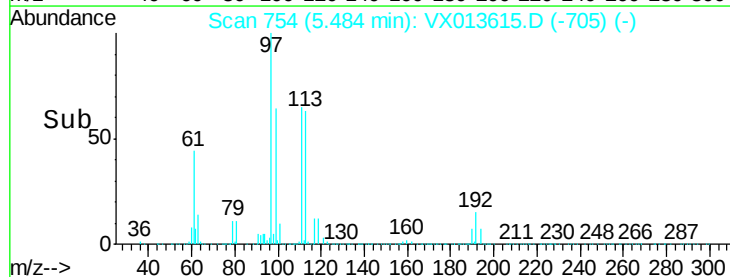
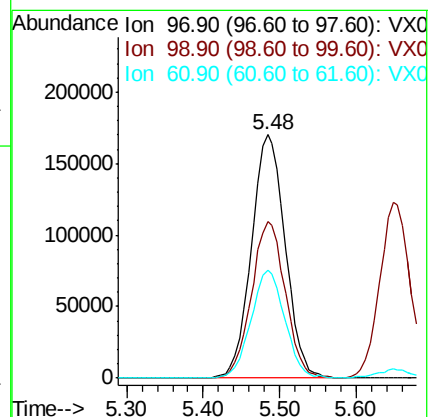
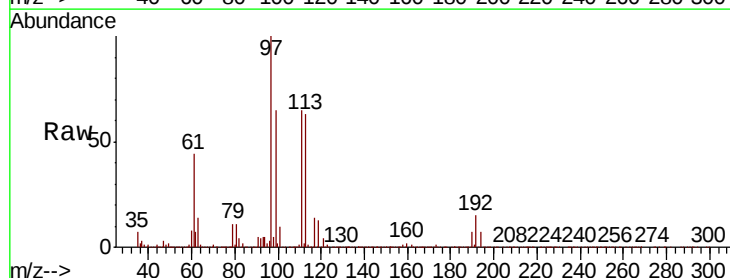
Tgt Ion: 97 Resp: 523122

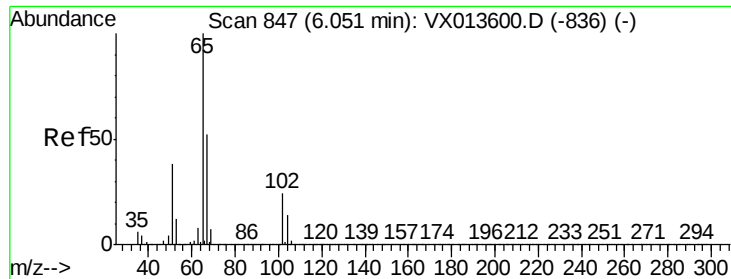
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 44.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.737 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

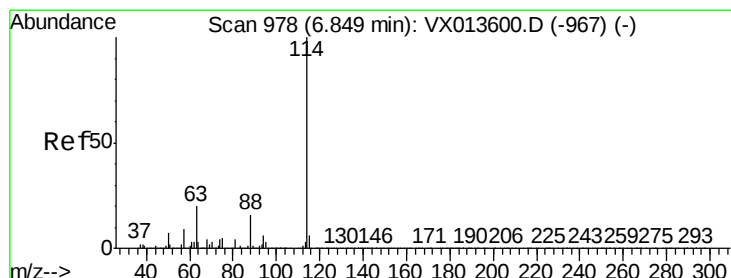
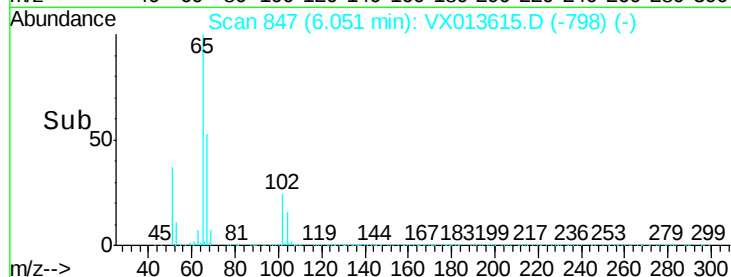
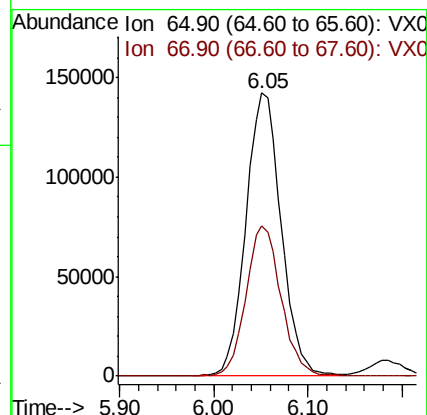
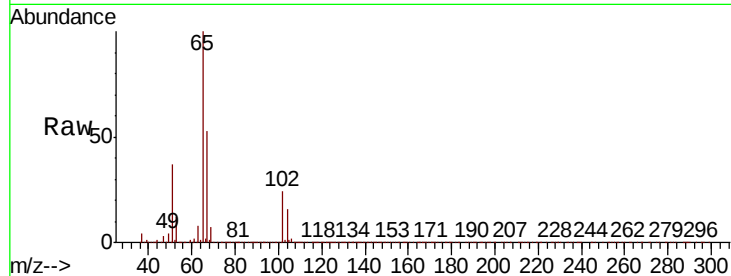
ClientSampleId :

Tot Ion: 65 Resp: 372695

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

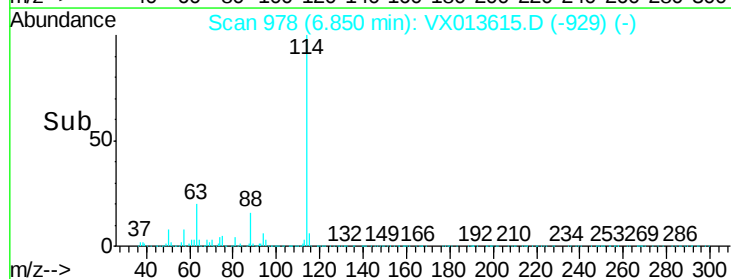
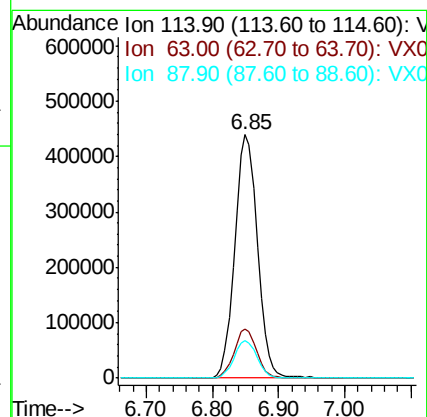
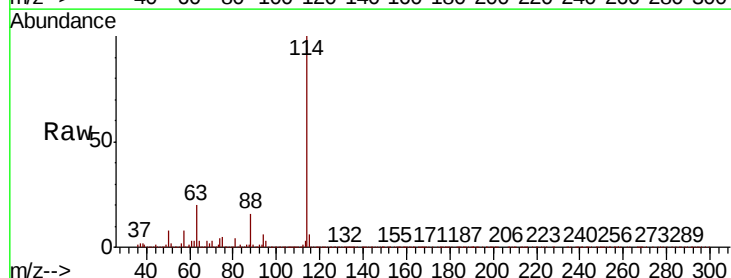
Tgt Ion: 114 Resp: 1046555

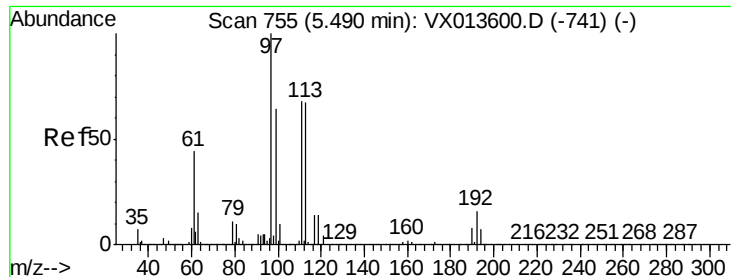
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 31.4

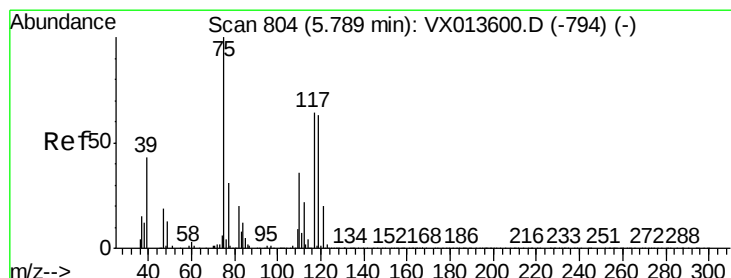
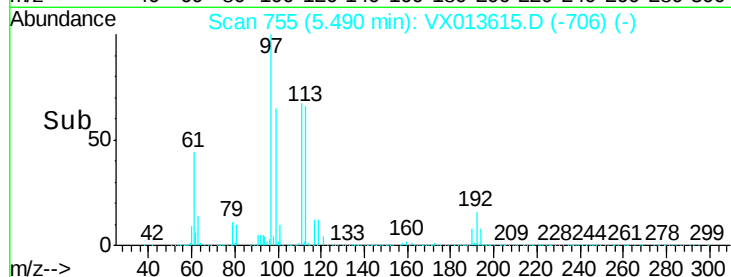
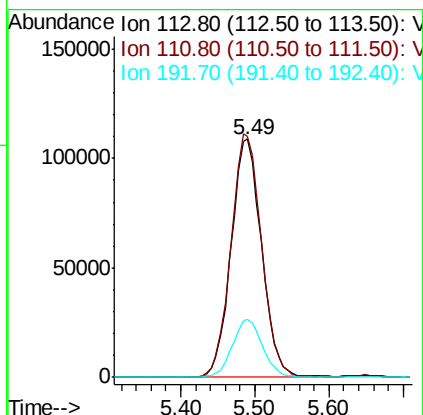
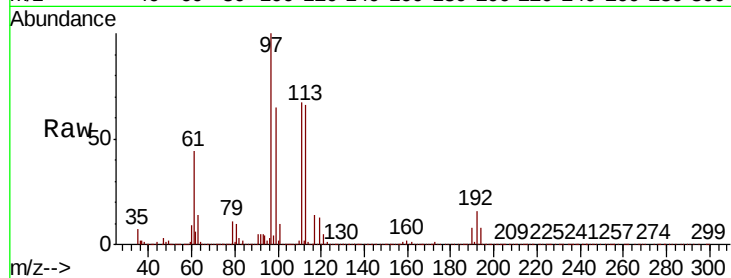




#35
 Dibromofluoromethane
 Concen: 48.247 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

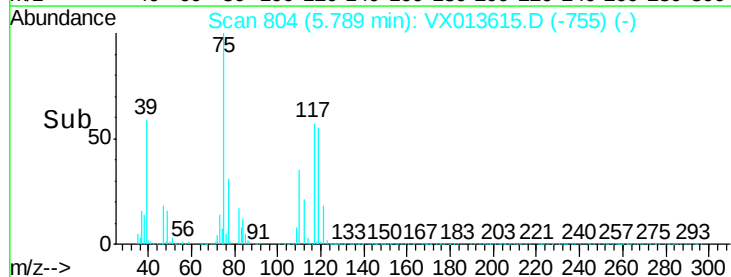
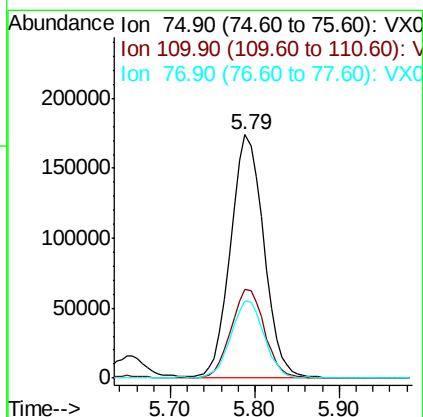
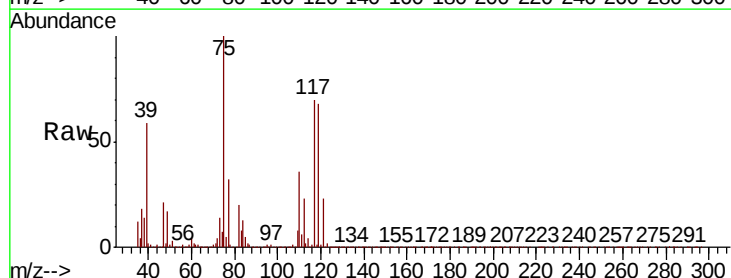
Instrument :
 MSVOA_X
 ClientSampled :

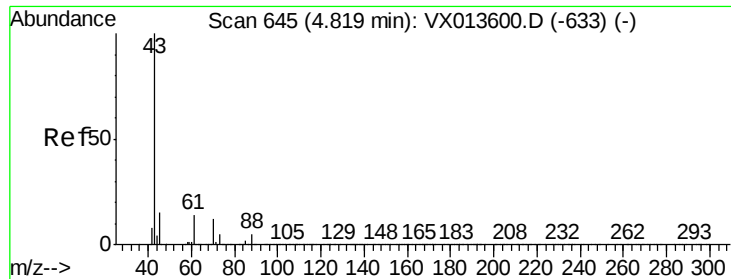
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.6	125.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 48.734 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.1	24.5	36.7

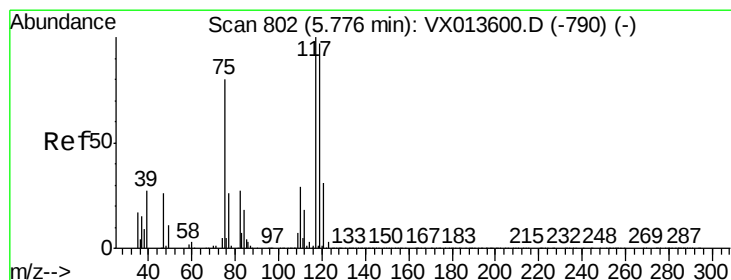
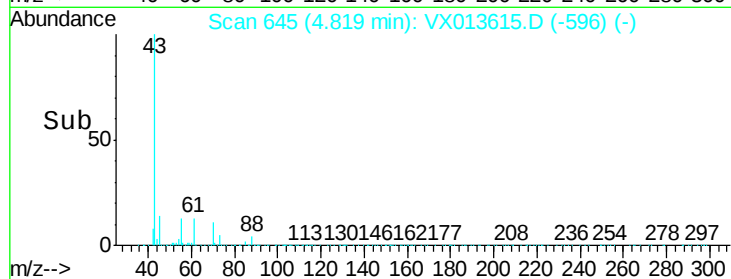
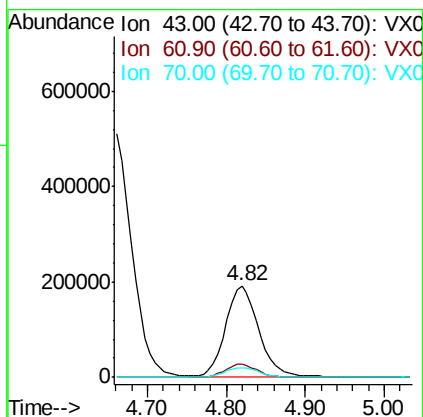
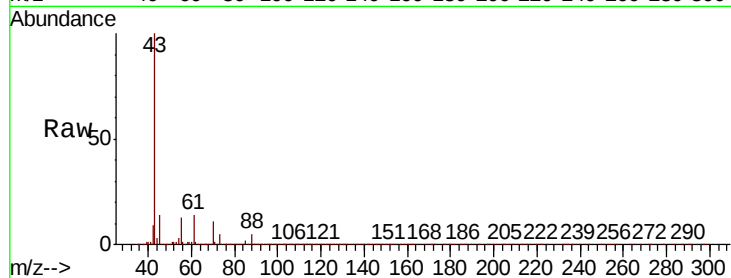




#37
Ethyl Acetate
Concen: 52.205 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

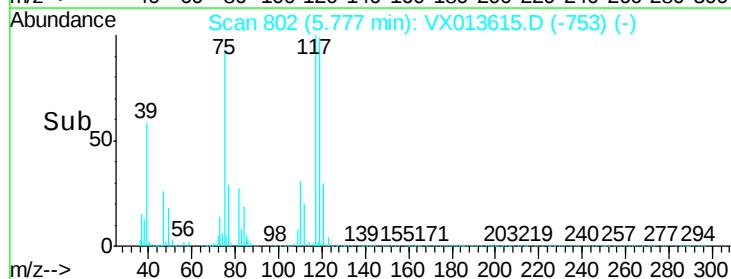
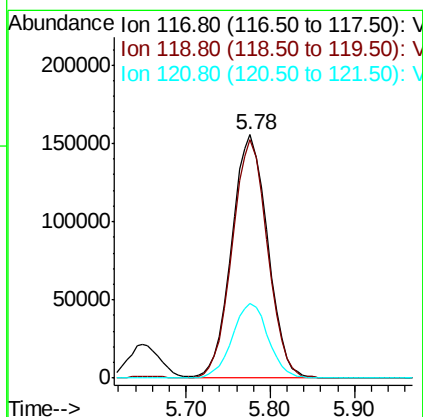
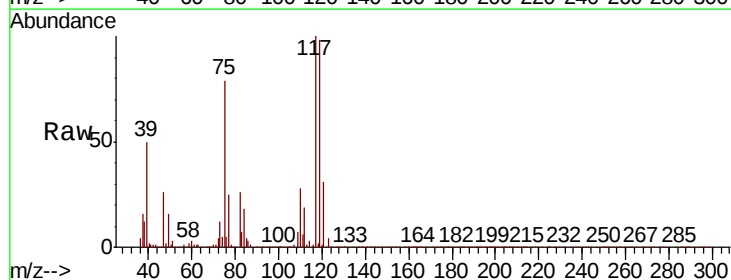
Instrument :
MSVOA_X
ClientSampleId :

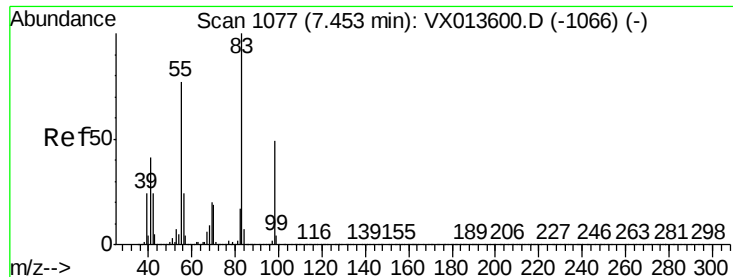
Tot Ion: 43 Resp: 556379
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 51.113 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion: 117 Resp: 447743
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3
121 30.7 25.0 37.6

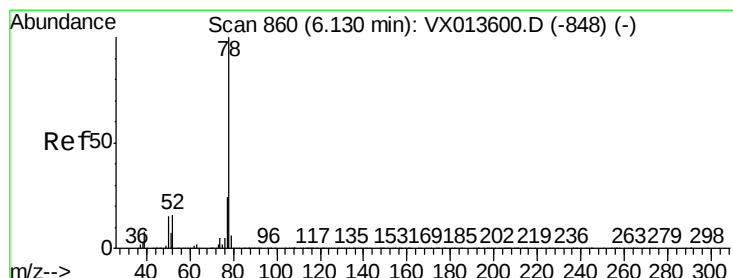
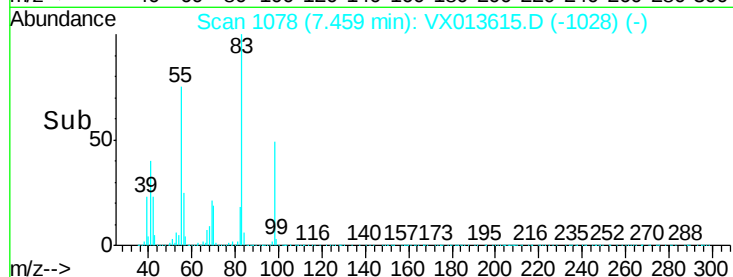
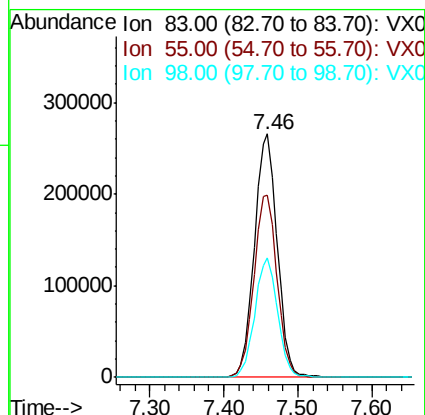
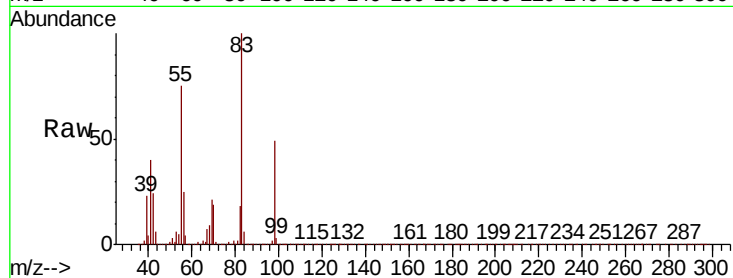




#39
Methvlcvclohexane
Concen: 48.760 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

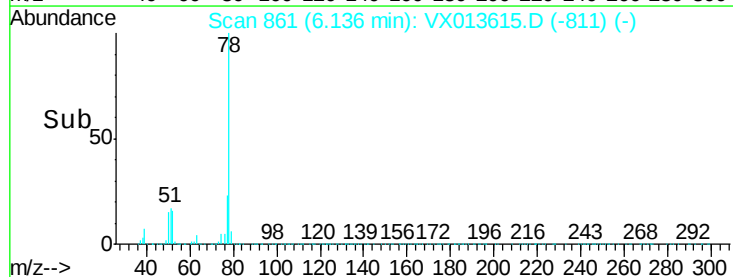
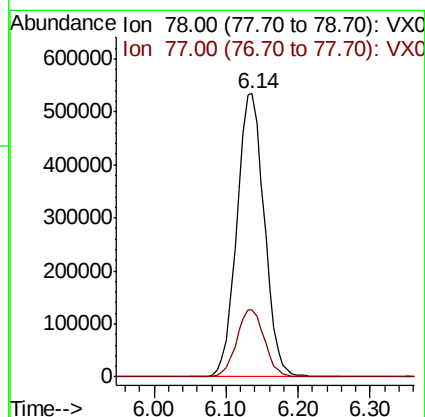
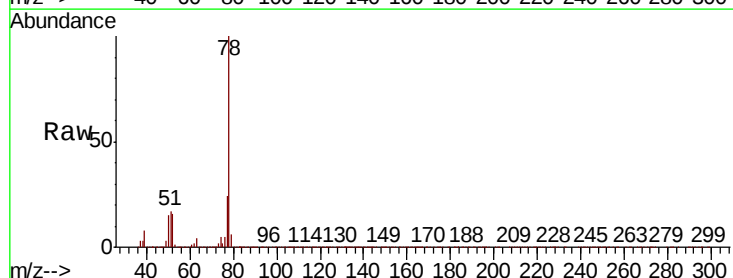
Instrument :
MSVOA_X
ClientSampleId :

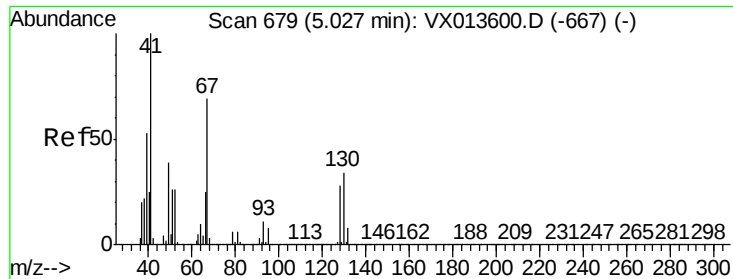
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.9	92.9
98	49.2	39.4	59.0



#40
Benzene
Concen: 49.057 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#41

Methacrylonitrile

Concen: 52.783 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 308510

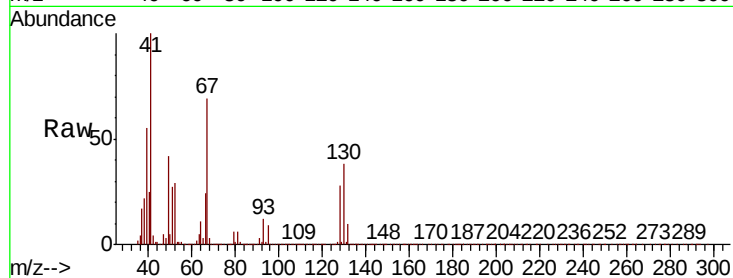
Ion Ratio Lower Upper

41 100

39 54.6 42.9 64.3

67 71.1 57.4 86.0

52 28.7 22.4 33.6

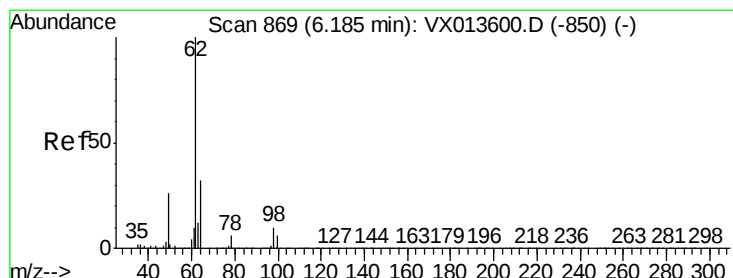
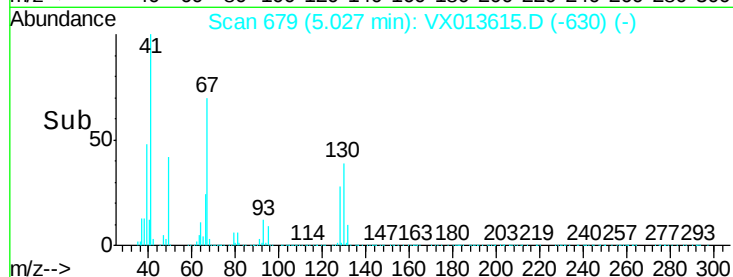
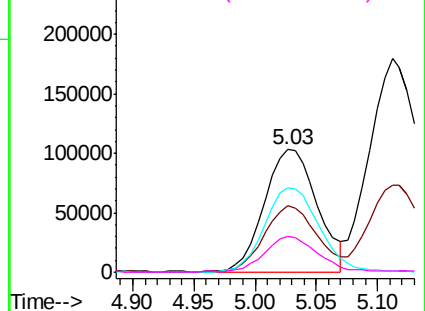


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.502 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013615.D

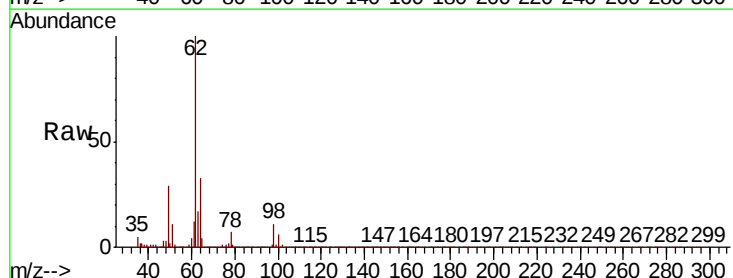
Acq: 26 Nov 2019 22:02

Tgt Ion: 62 Resp: 488469

Ion Ratio Lower Upper

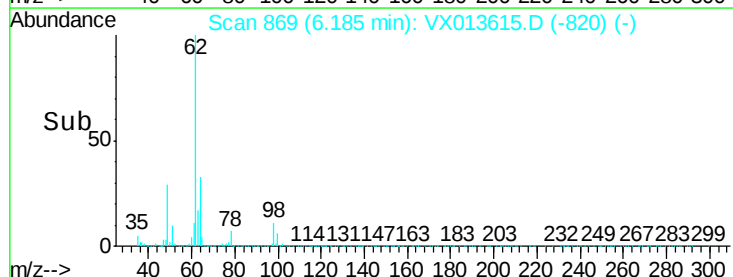
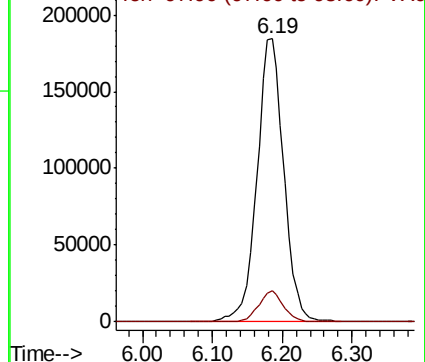
62 100

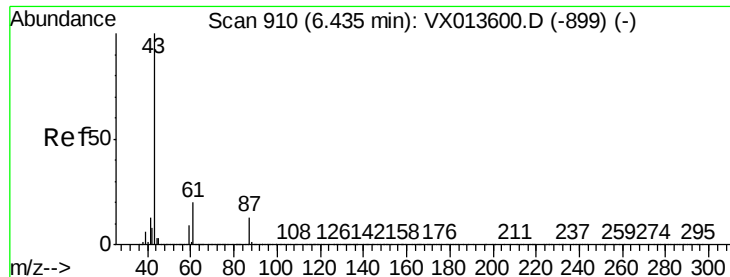
98 9.8 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



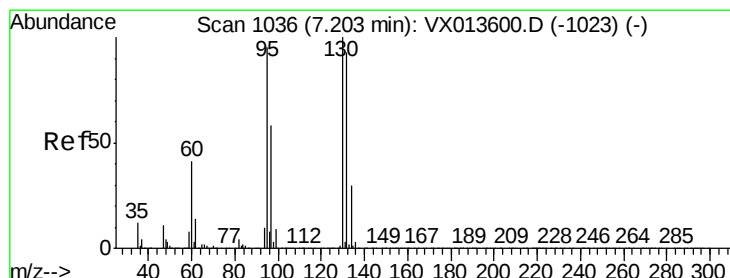
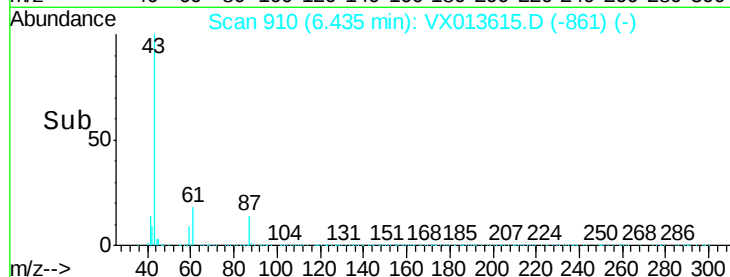
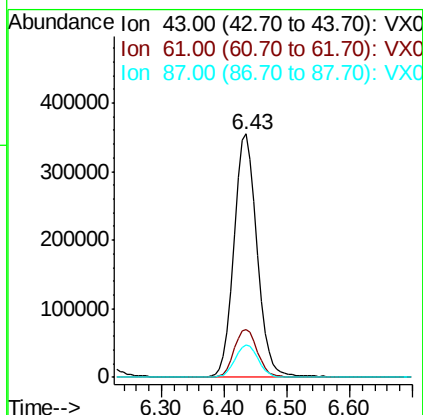
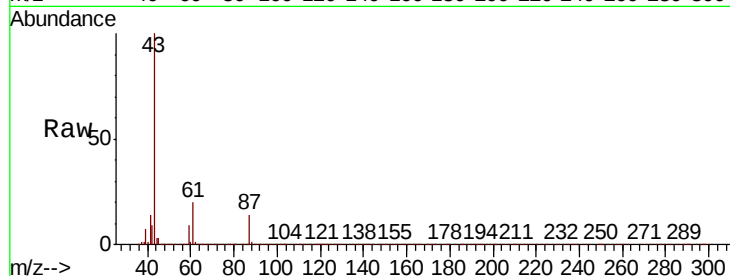


#43

Isopropyl Acetate
 Concen: 51.451 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Instrument :
 MSVOA_X
 ClientSampleId :

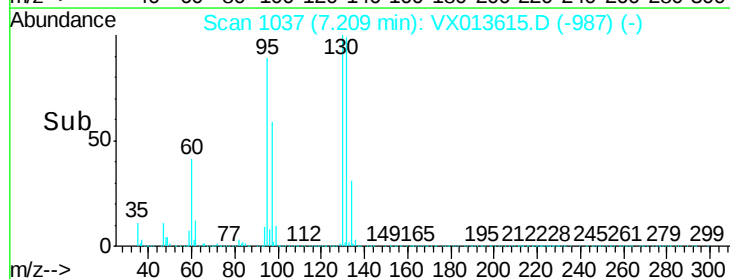
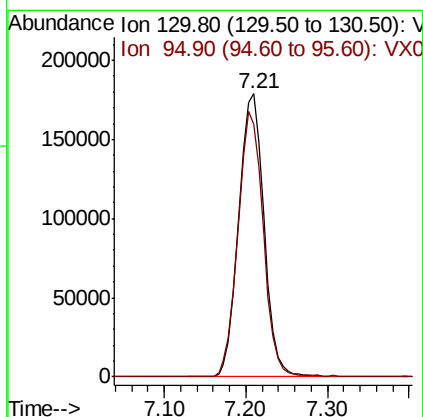
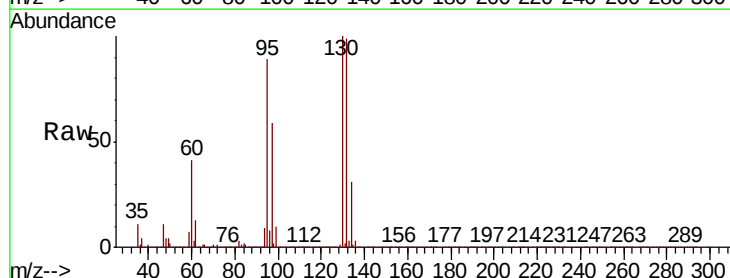
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.3	10.8	16.2



#44

Trichloroethene
 Concen: 48.233 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.006 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

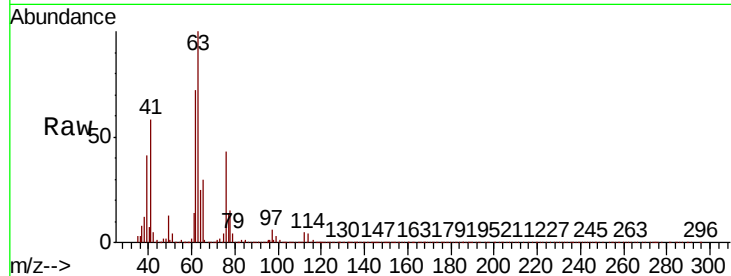
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 362007

Ion Ratio Lower Upper

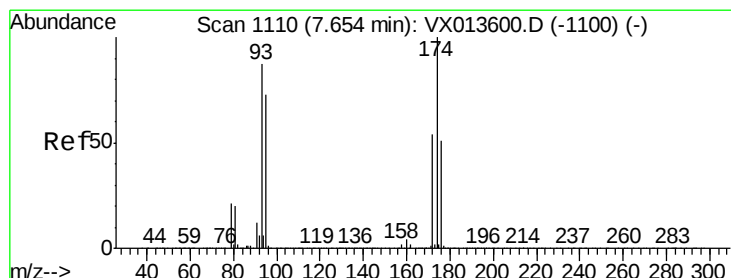
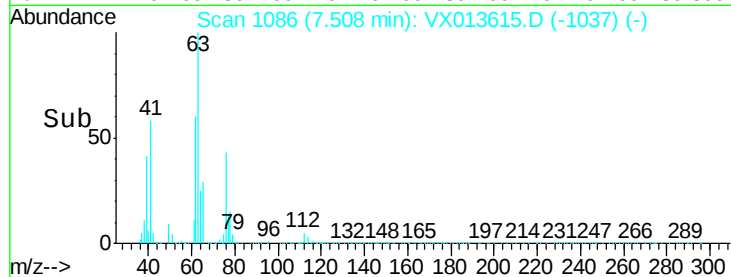
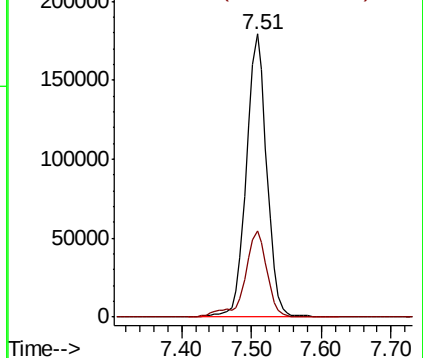
63 100

65 30.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.820 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

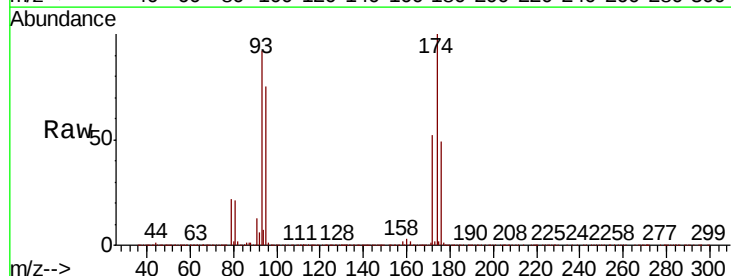
Tgt Ion: 93 Resp: 240032

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

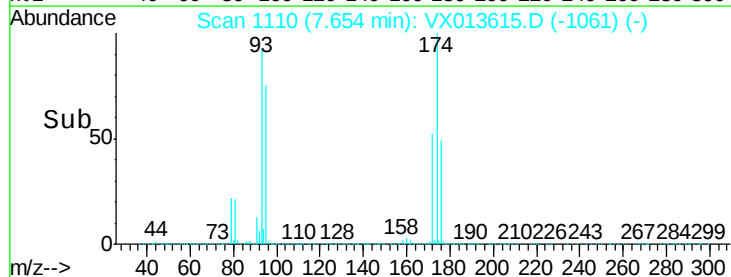
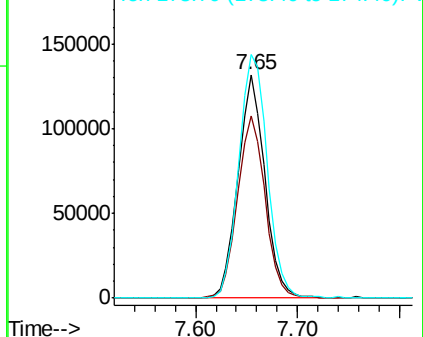
174 116.7 93.4 140.0

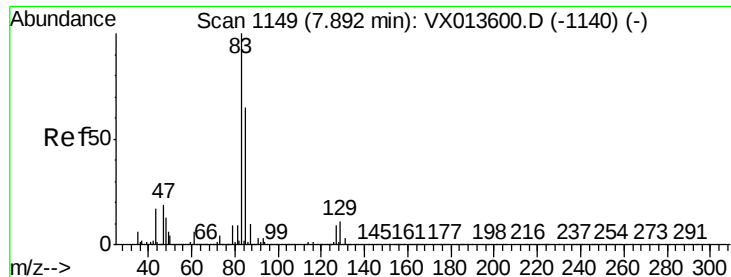


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.968 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

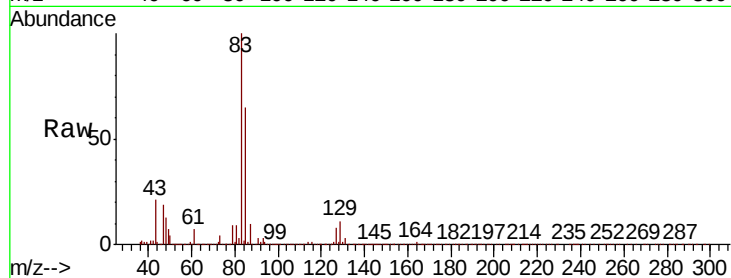
Tot Ion: 83 Resp: 464442

Ion Ratio Lower Upper

83 100

85 64.5 52.1 78.1

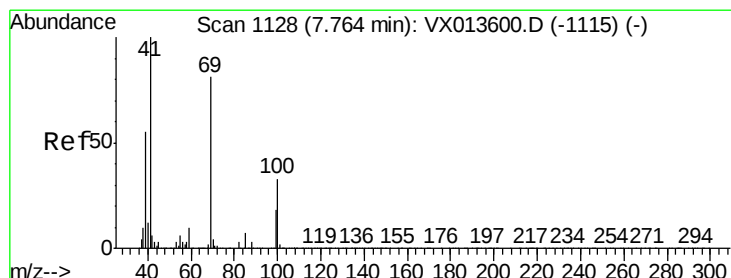
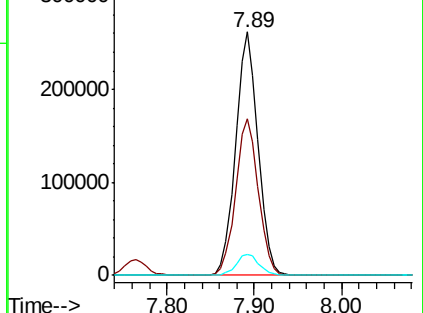
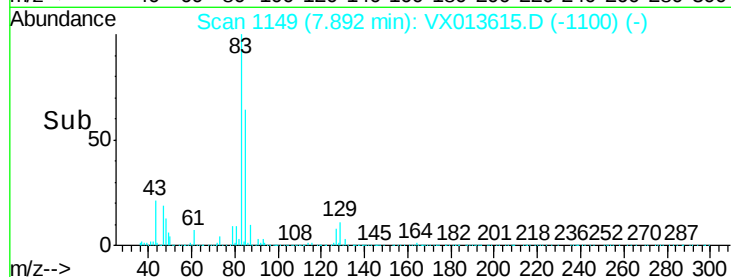
127 8.4 7.0 10.4



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: 52.130 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

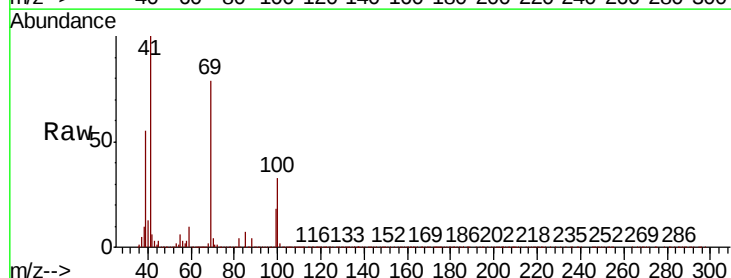
Tgt Ion: 41 Resp: 444418

Ion Ratio Lower Upper

41 100

69 81.8 64.7 97.1

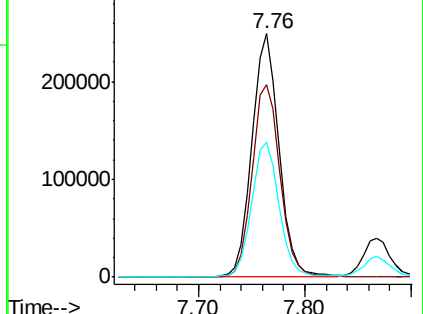
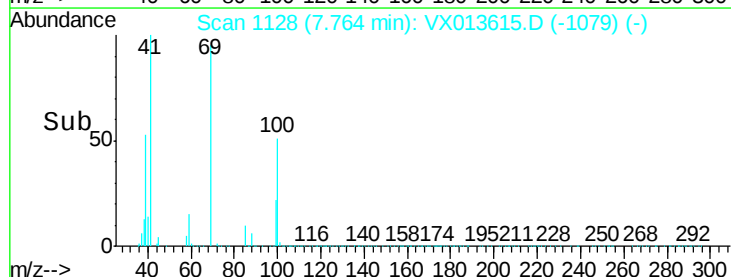
39 56.2 43.8 65.6

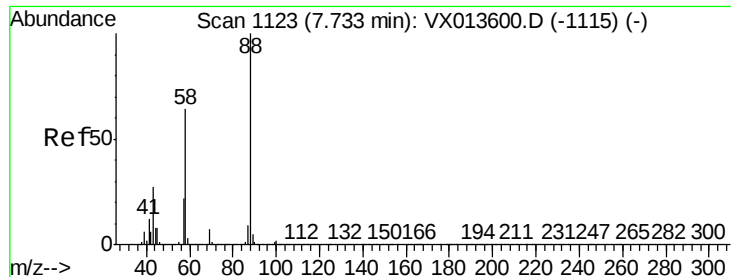


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

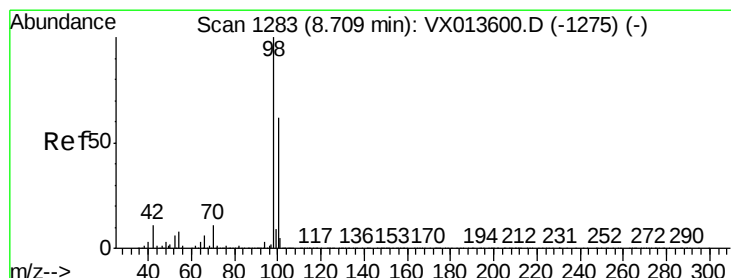
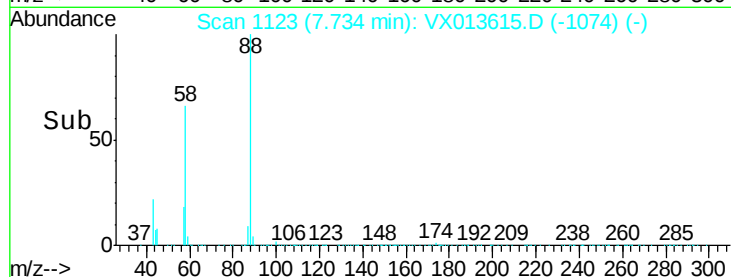
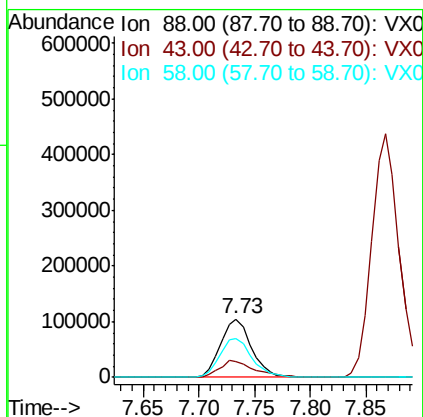
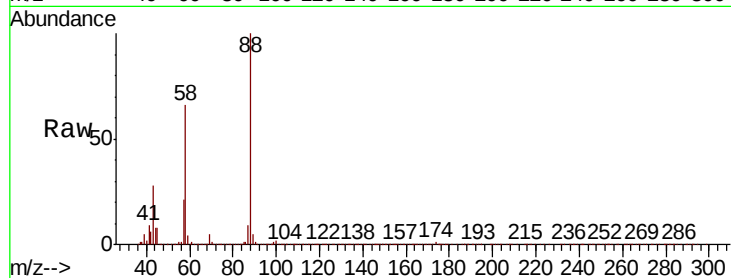




#49
1,4-Dioxane
Concen: 1048.866 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

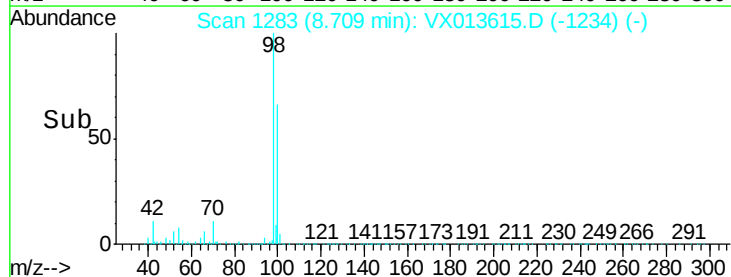
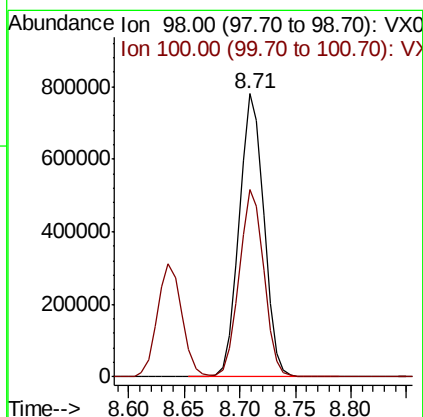
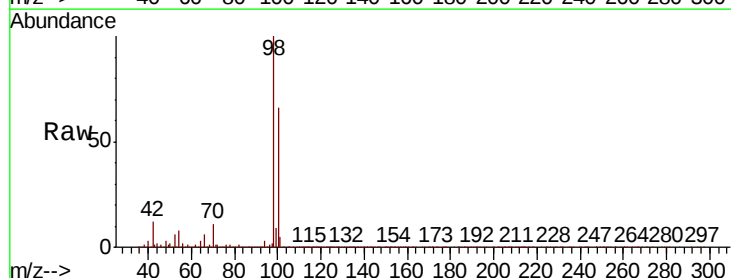
Instrument :
MSVOA_X
ClientSampled :

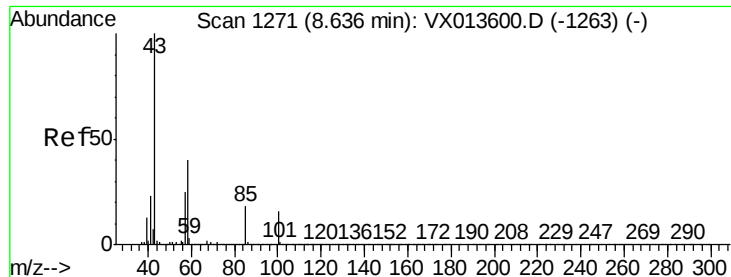
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.6
58	69.5	54.6	82.0



#50
Toluene-d8
Concen: 47.552 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 257.875 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

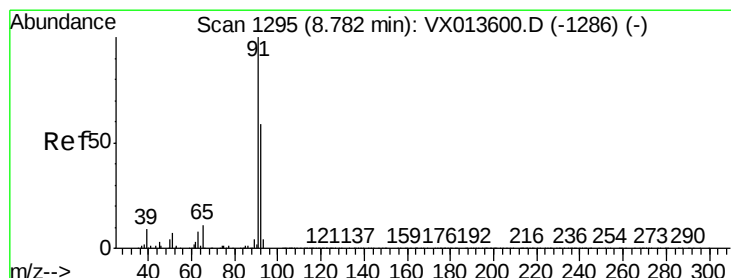
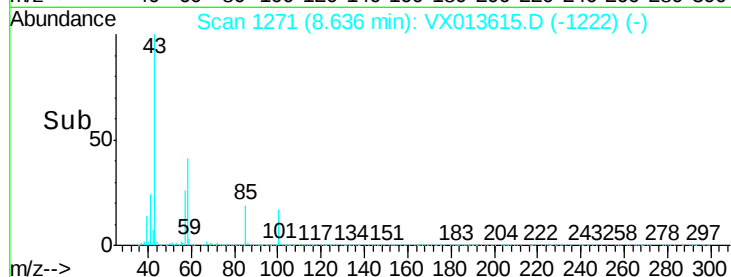
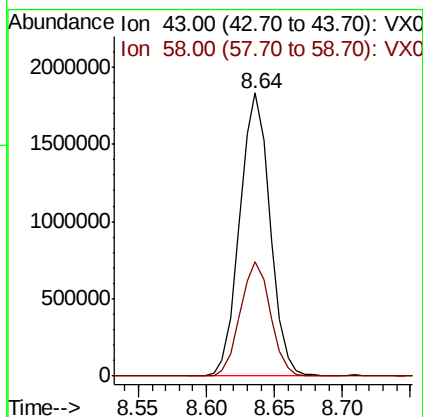
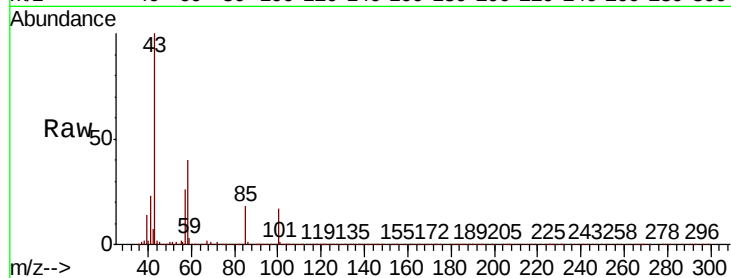
ClientSampleId :

Tot Ion: 43 Resp: 2846108

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



#52

Toluene

Concen: 49.452 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013615.D

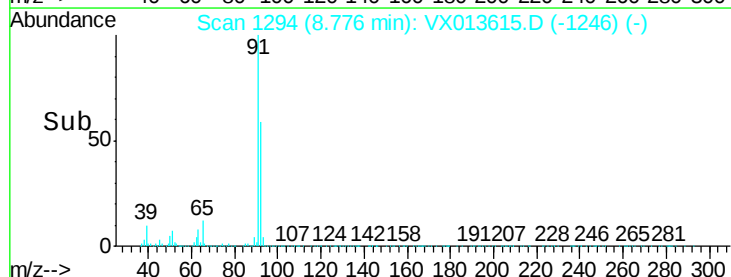
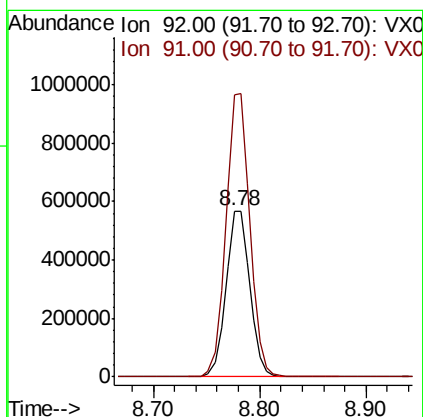
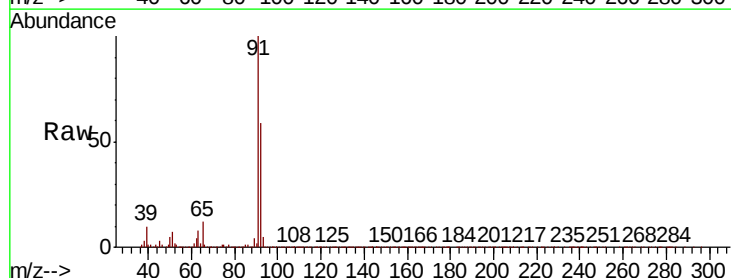
Acq: 26 Nov 2019 22:02

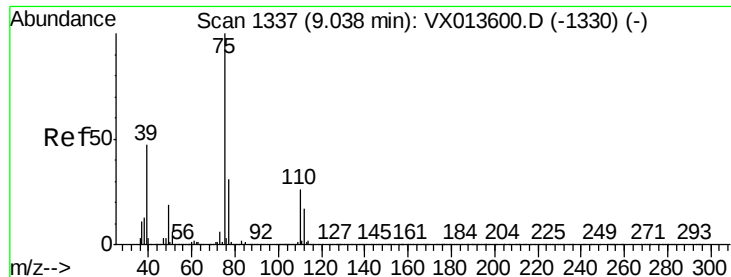
Tgt Ion: 92 Resp: 888895

Ion Ratio Lower Upper

92 100

91 170.8 136.2 204.2

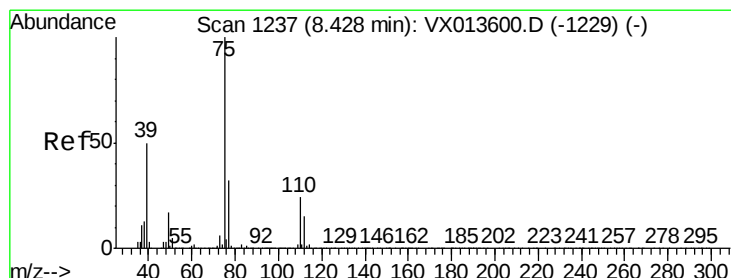
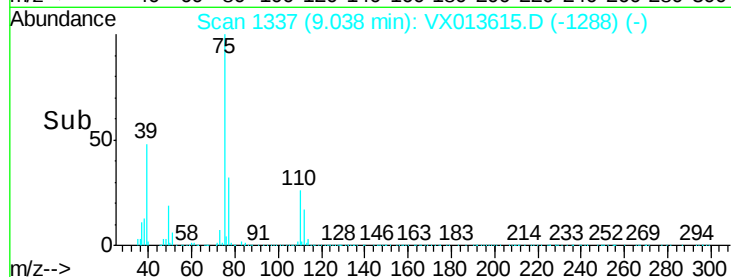
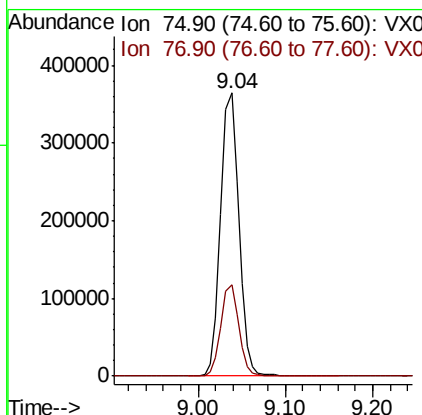
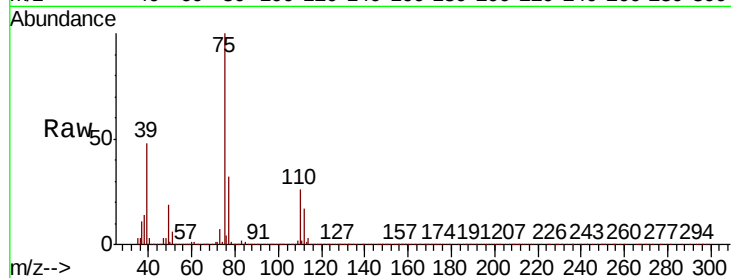




#53
t-1,3-Dichloropropene
Concen: 49.951 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

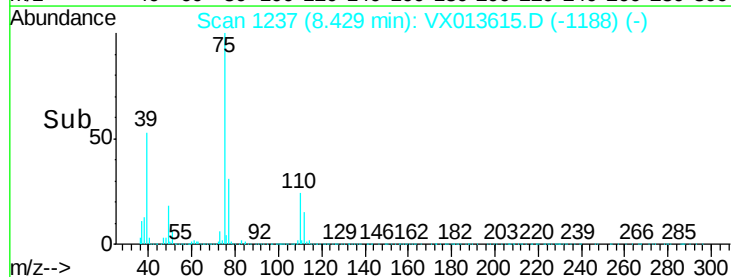
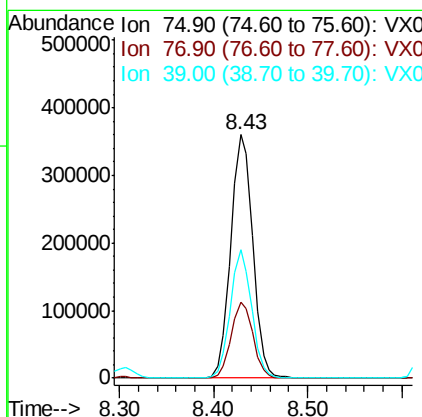
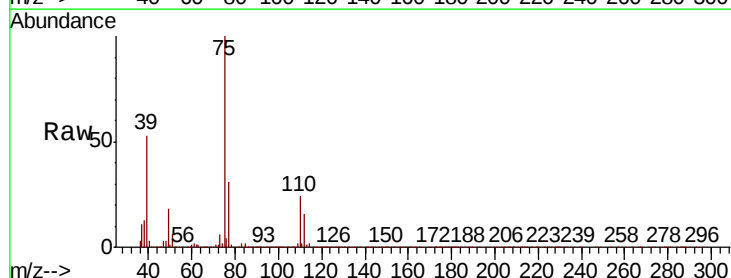
Instrument :
MSVOA_X
ClientSampleId :

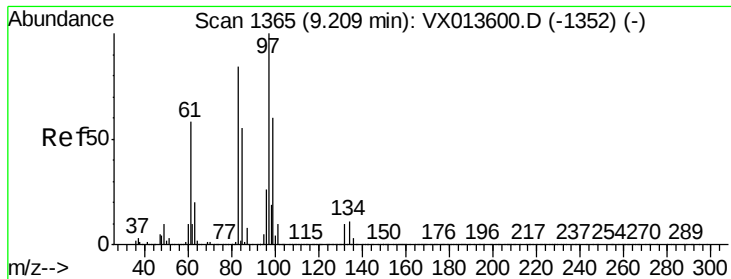
Tot Ion: 75 Resp: 528477
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 50.466 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion: 75 Resp: 583318
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 52.8 39.9 59.9

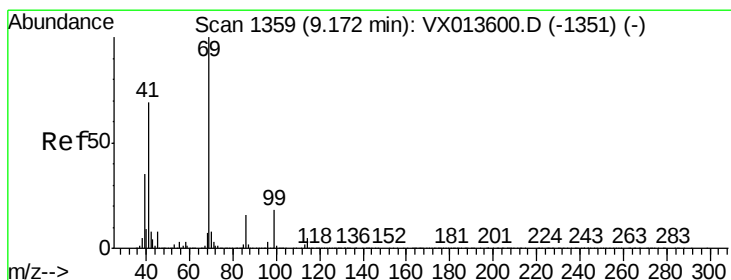
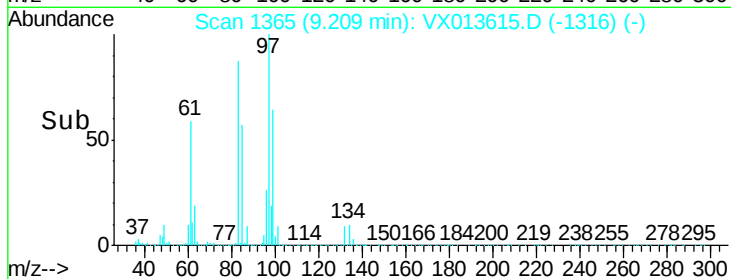
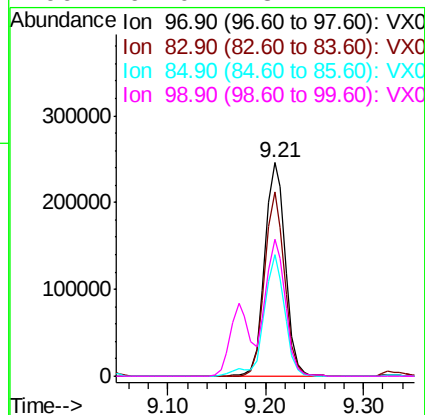
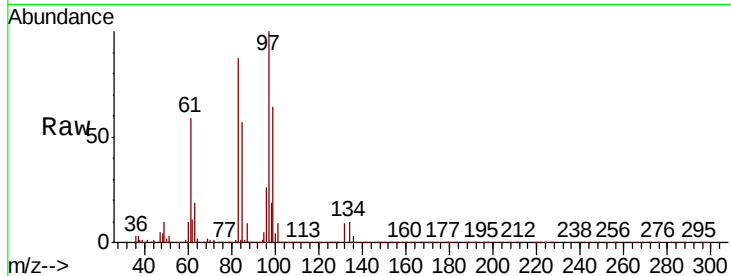




#55
 1,1,2-Trichloroethane
 Concen: 50.136 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

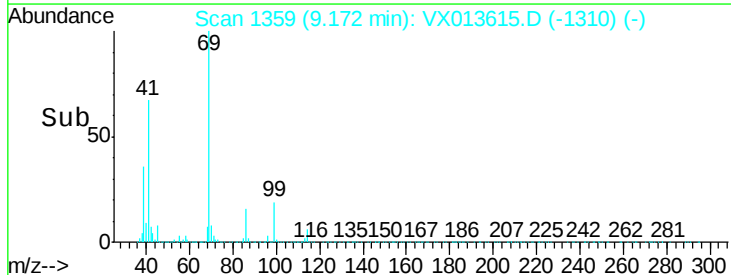
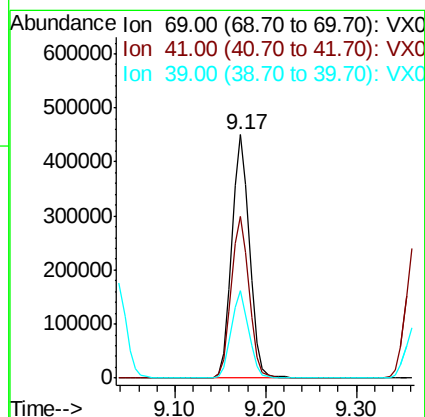
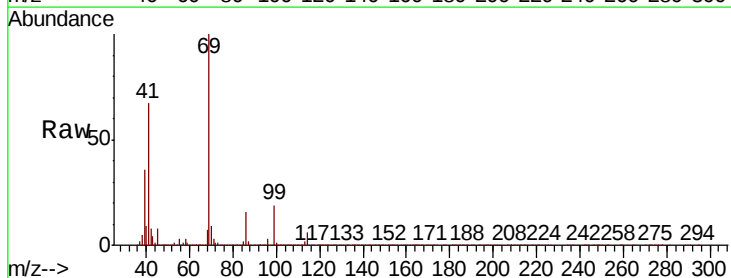
Instrument :
 MSVOA_X
 ClientSampleId :

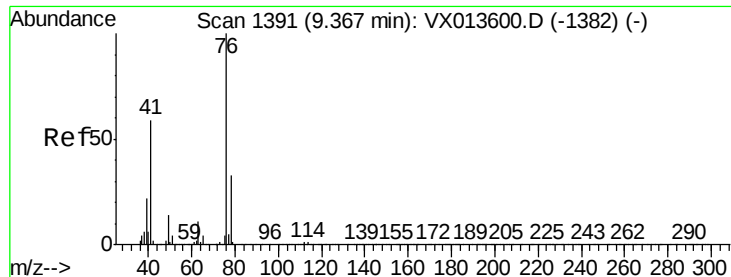
Tot Ion:	97	Resp:	363162
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.3	100.9
85	56.8	43.6	65.4
99	64.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.209 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion:	69	Resp:	608015
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.0	82.4
39	35.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 48.889 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

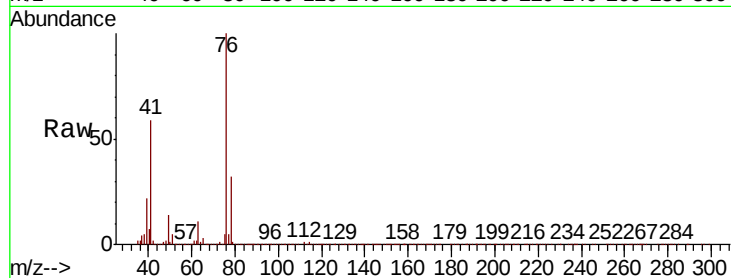
ClientSampleId :

Tot Ion: 76 Resp: 610413

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

300000

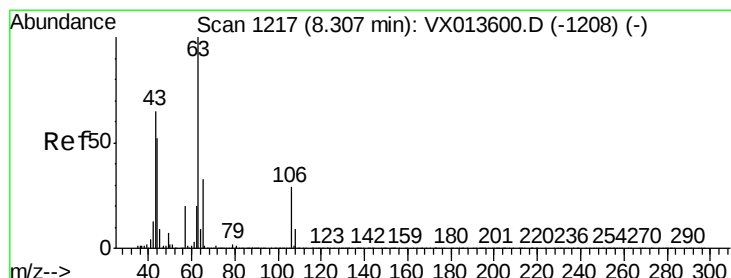
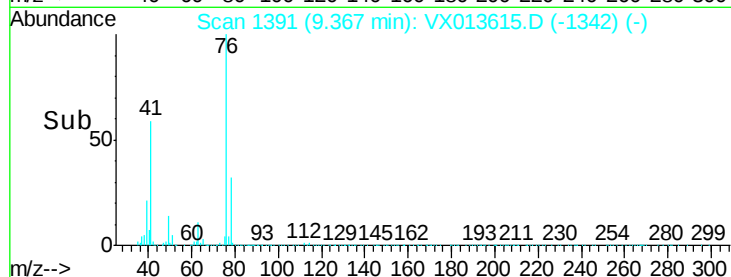
200000

100000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 253.325 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013615.D

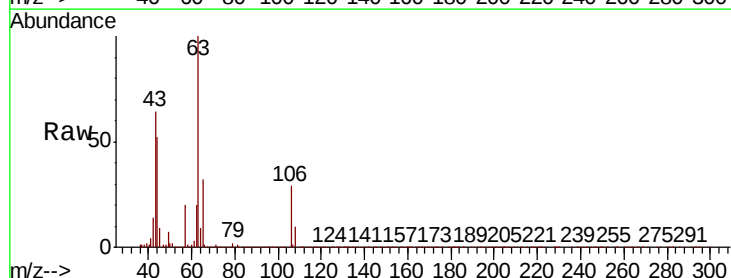
Acq: 26 Nov 2019 22:02

Tgt Ion: 63 Resp: 1156696

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

800000

600000

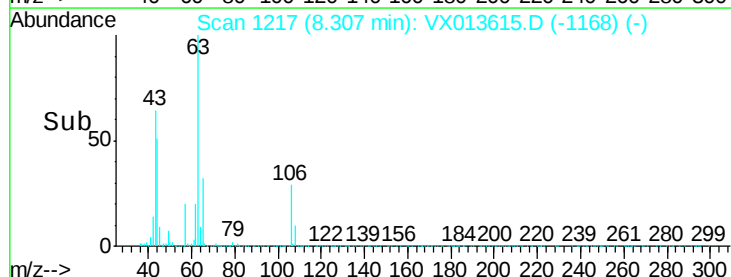
400000

200000

0

Time-->

8.20 8.30 8.40

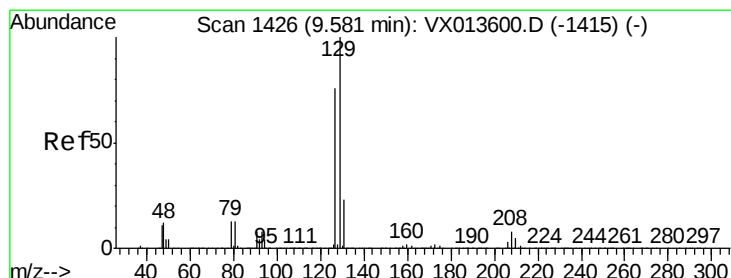
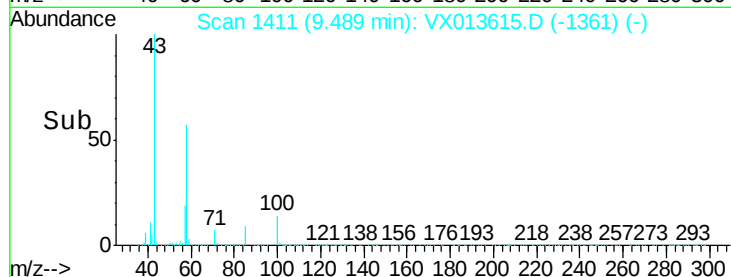
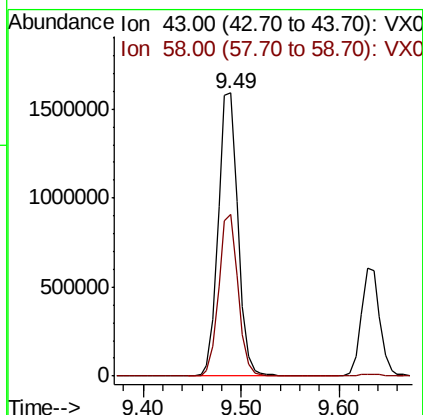
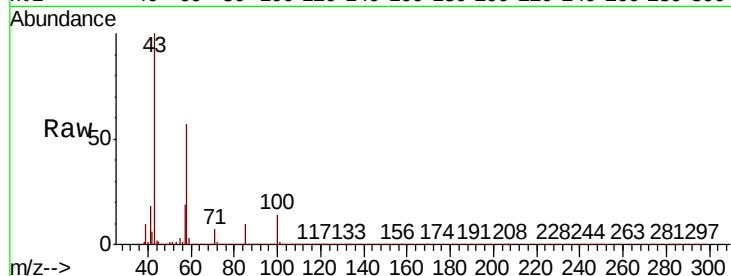




#59
2-Hexanone
Concen: 257.545 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

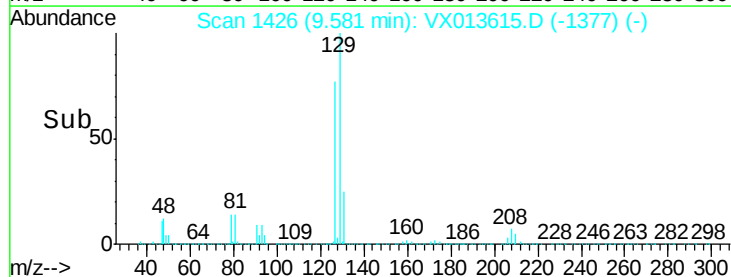
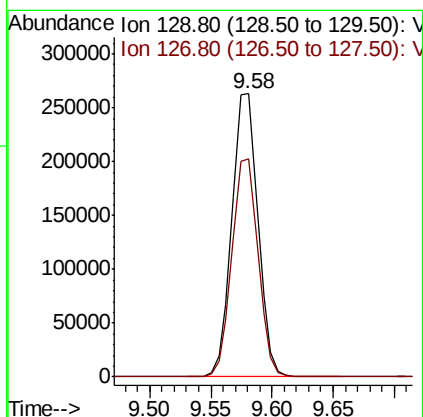
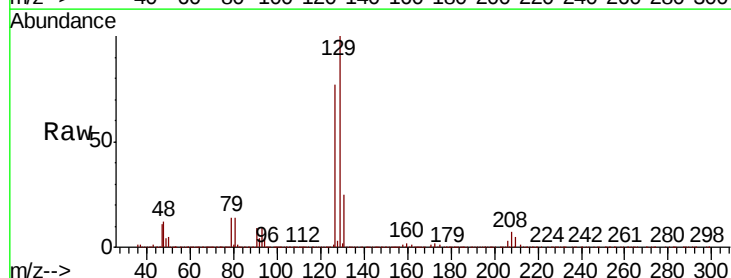
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2216908
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4



#60
Dibromochloromethane
Concen: 51.632 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion:129 Resp: 388139
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.410 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

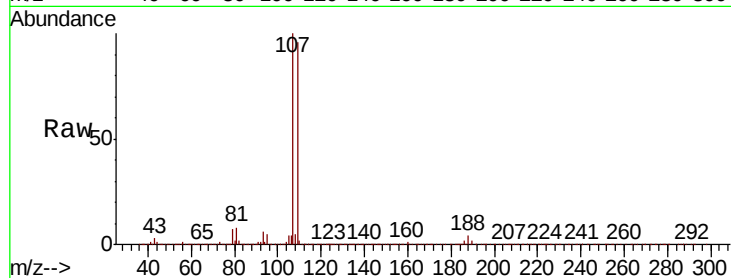
ClientSampleId :

Tot Ion: 107 Resp: 382260

Ion Ratio Lower Upper

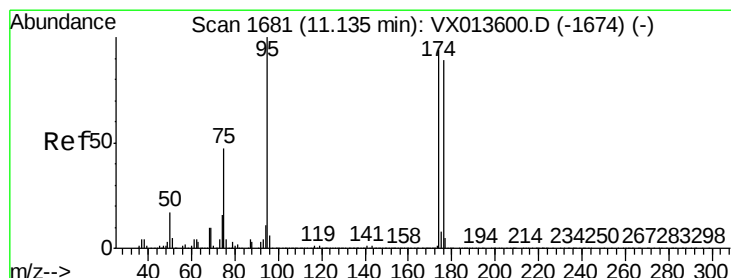
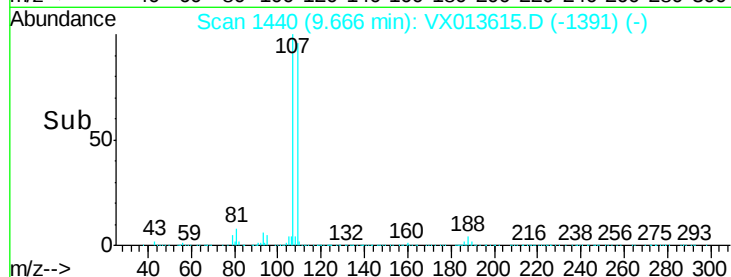
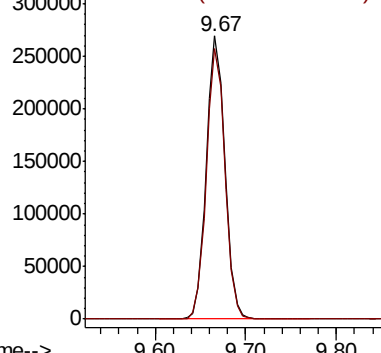
107 100

109 95.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.110 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

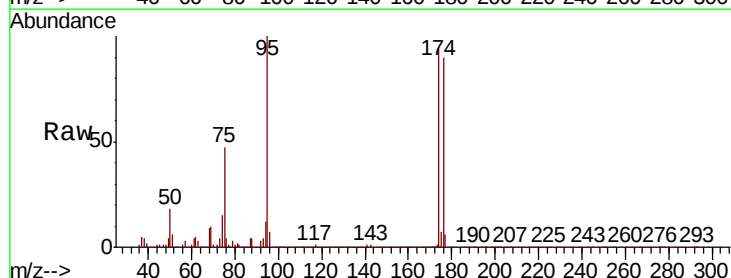
Tgt Ion: 95 Resp: 428226

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

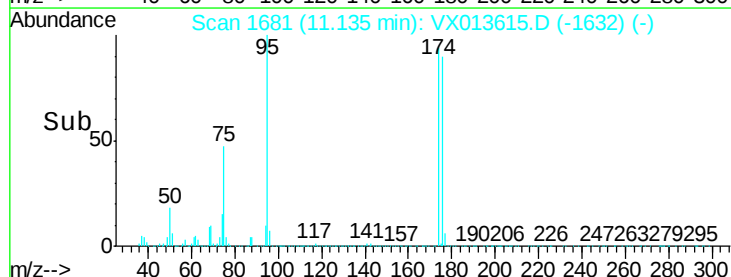
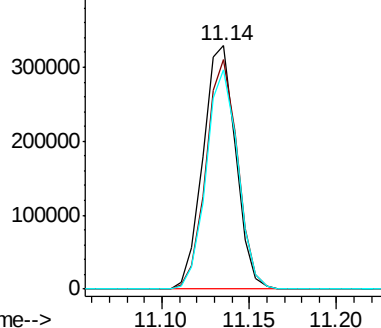
176 87.4 0.0 173.6

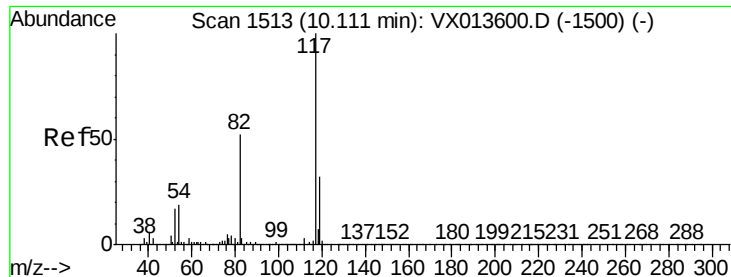


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

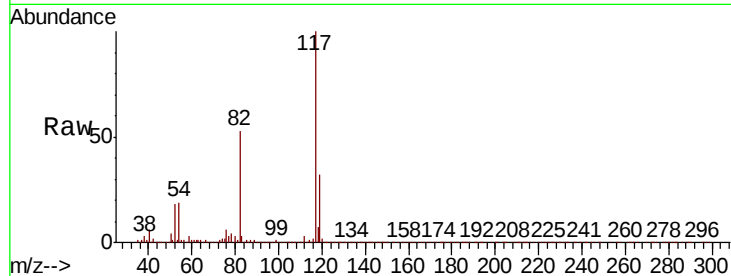
Tot Ion:117 Resp: 942864

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

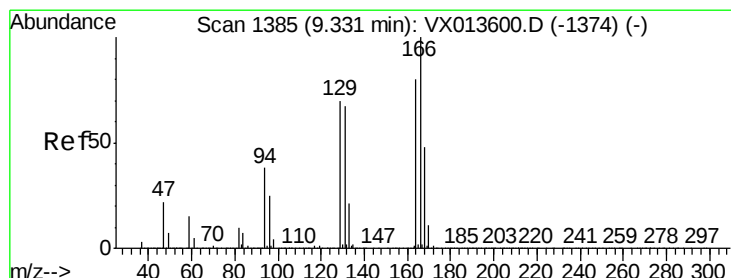
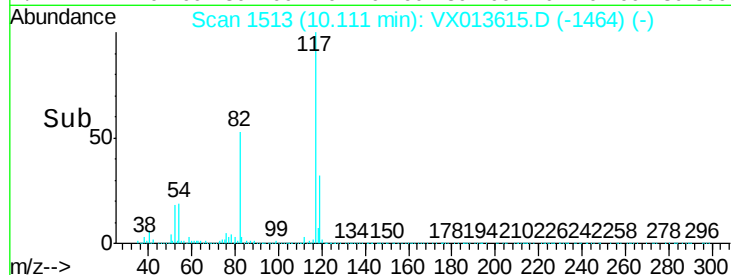
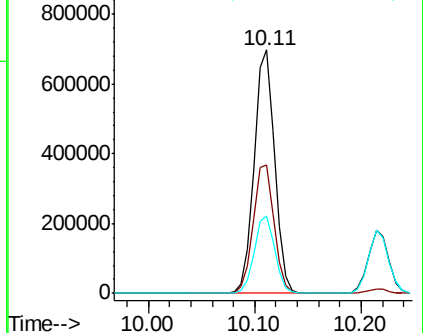
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.227 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Tgt Ion:164 Resp: 346127

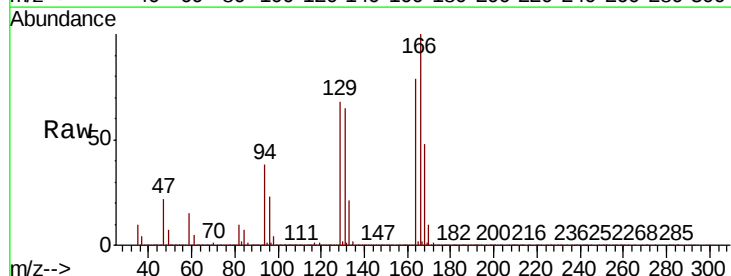
Ion Ratio Lower Upper

164 100

166 126.1 99.7 149.5

129 85.6 70.1 105.1

131 81.6 66.9 100.3

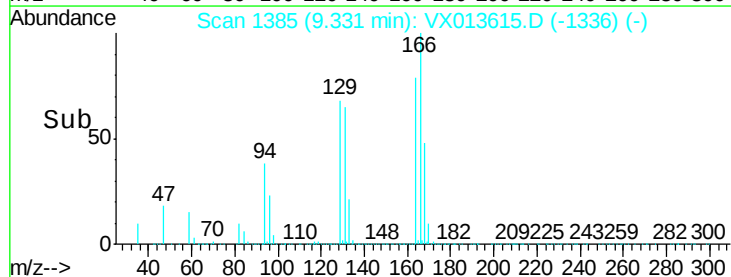
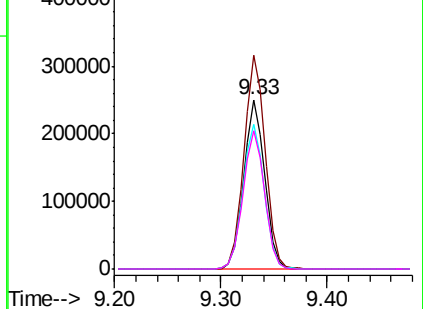


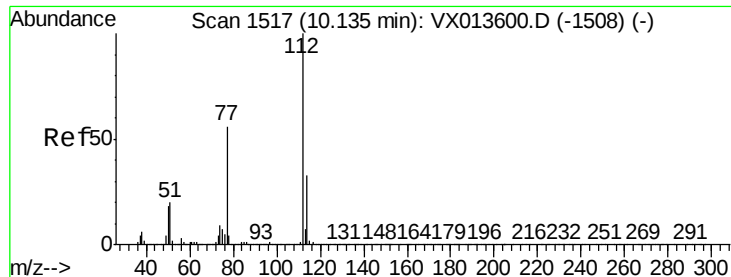
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.043 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

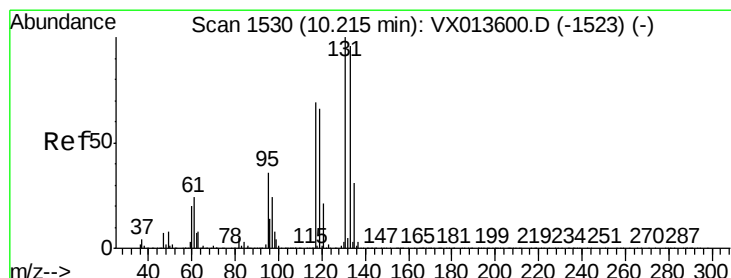
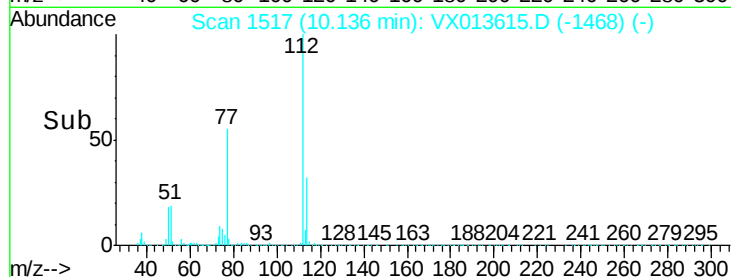
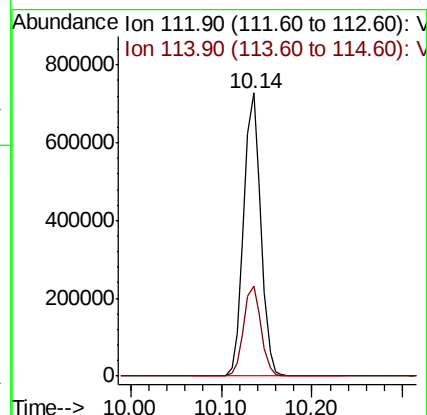
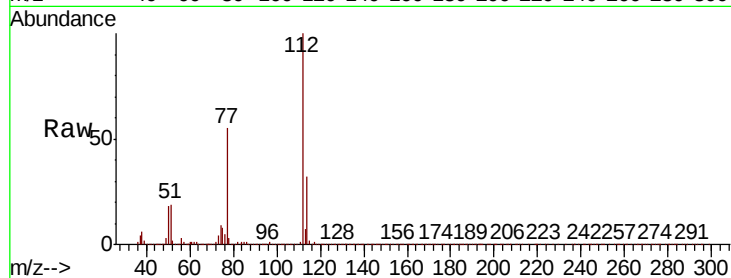
ClientSampleId :

Tot Ion:112 Resp: 960065

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.489 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

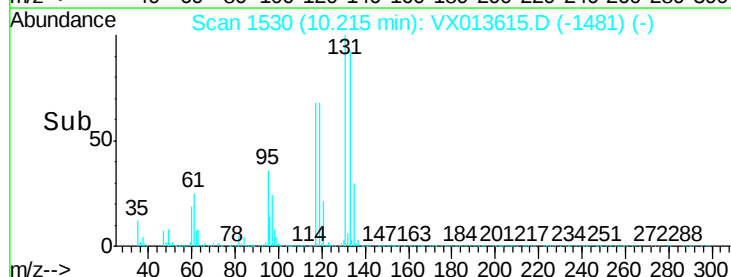
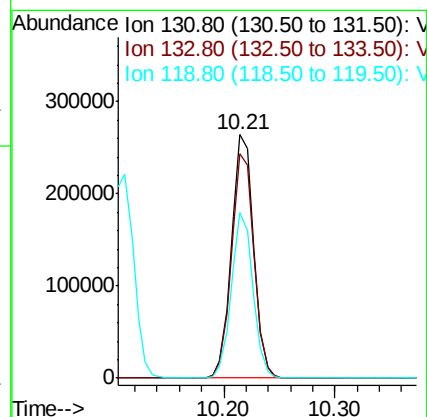
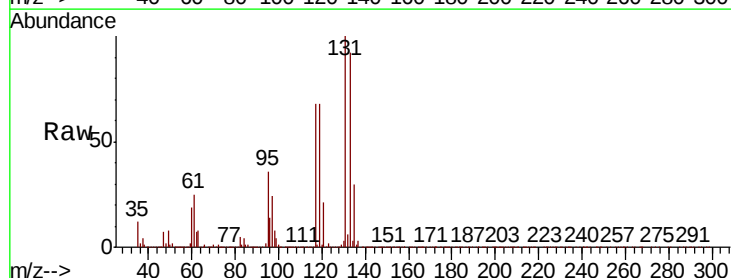
Tgt Ion:131 Resp: 361938

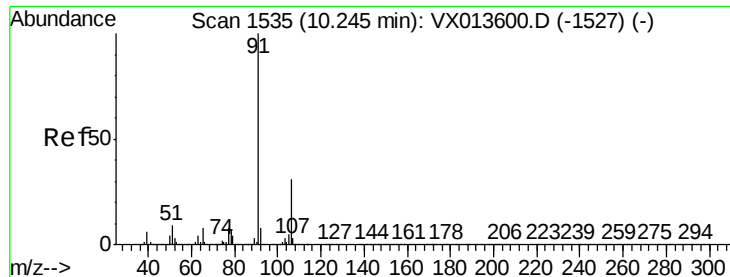
Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

119 66.1 32.9 98.6





#67

Ethyl Benzene

Concen: 50.499 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

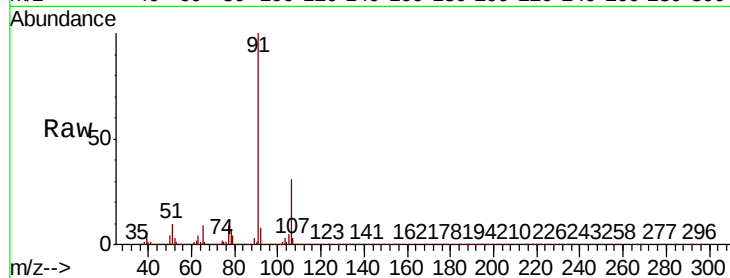
ClientSampleId :

Tot Ion: 91 Resp: 1698731

Ion Ratio Lower Upper

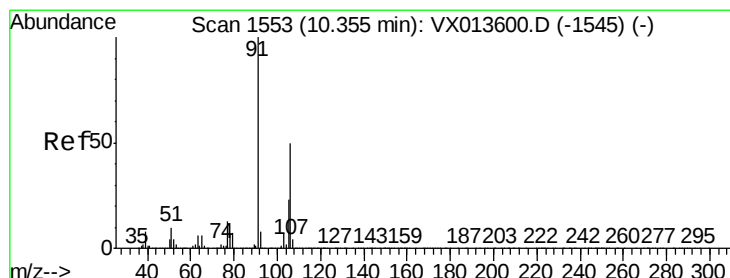
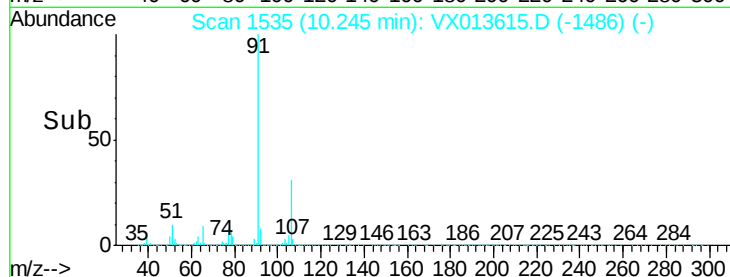
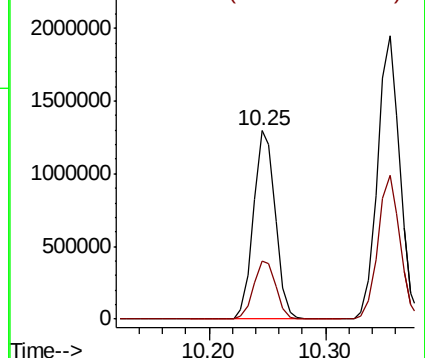
91 100

106 31.0 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.245 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013615.D

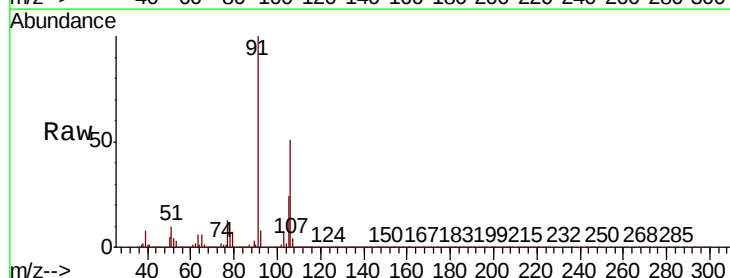
Acq: 26 Nov 2019 22:02

Tgt Ion:106 Resp: 1303910

Ion Ratio Lower Upper

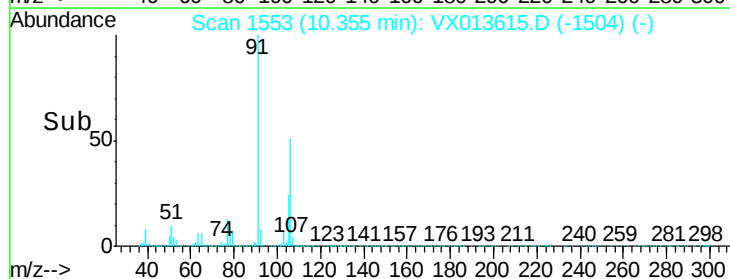
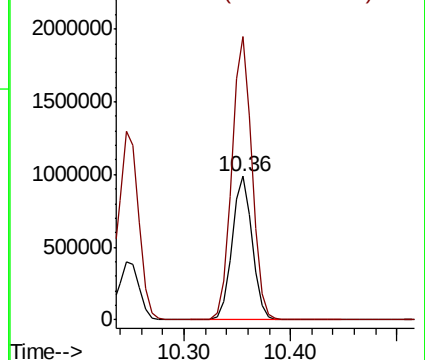
106 100

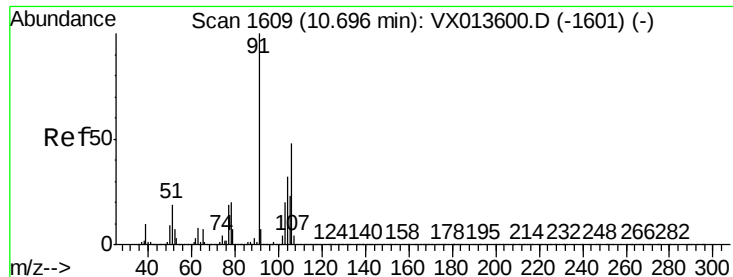
91 197.7 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

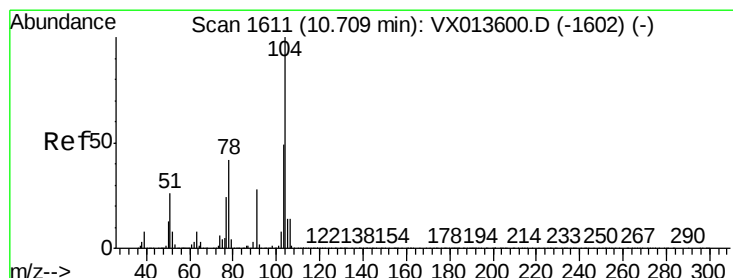
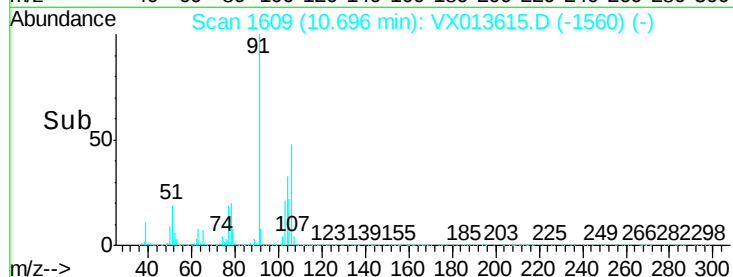
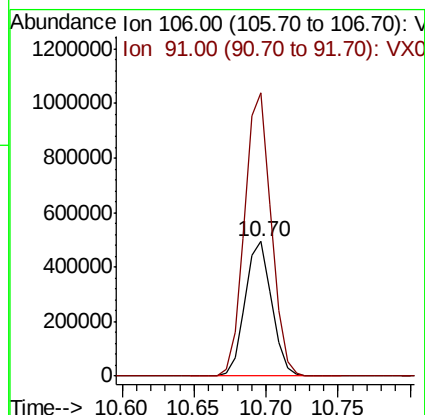
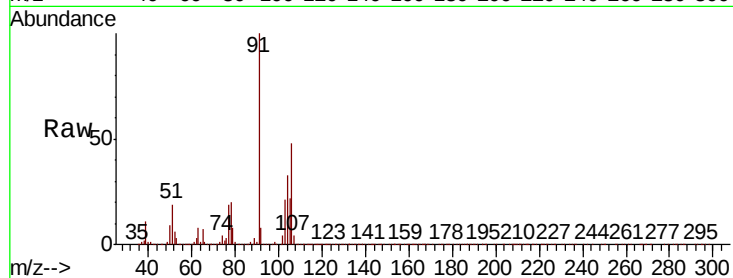




#69
o-Xylene
Concen: 50.071 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

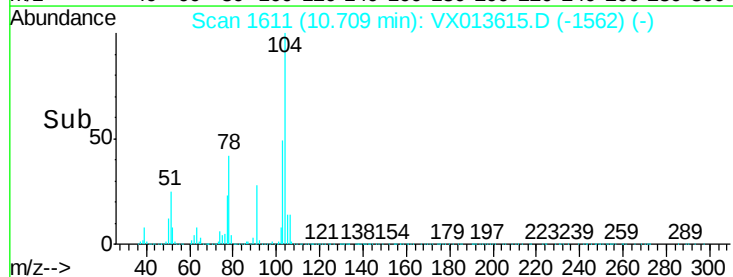
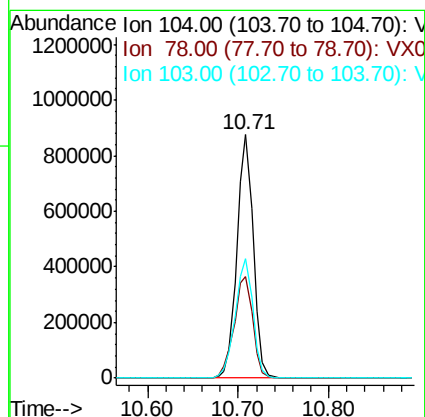
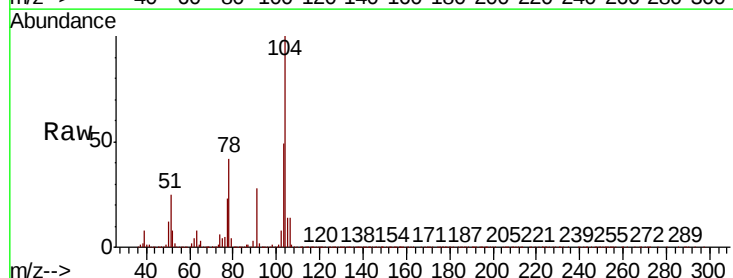
Instrument :
MSVOA_X
ClientSampled :

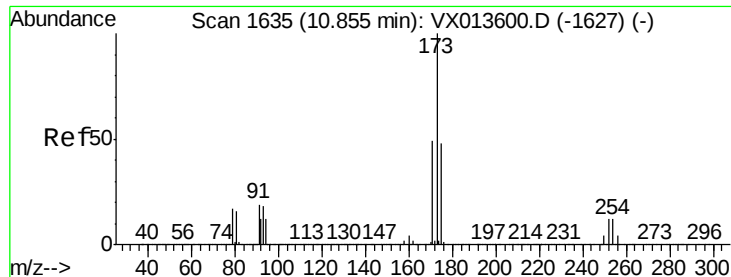
Tot Ion:106 Resp: 628921
Ion Ratio Lower Upper
106 100
91 211.1 104.1 312.2



#70
Styrene
Concen: 51.699 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion:104 Resp: 1092354
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 53.6 43.7 65.5





#71

Bromoform

Concen: 51.924 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

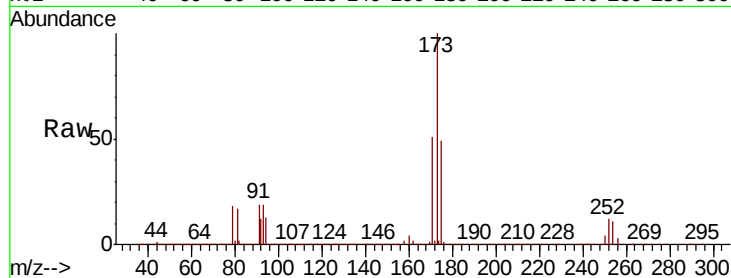
Tot Ion:173 Resp: 302005

Ion Ratio Lower Upper

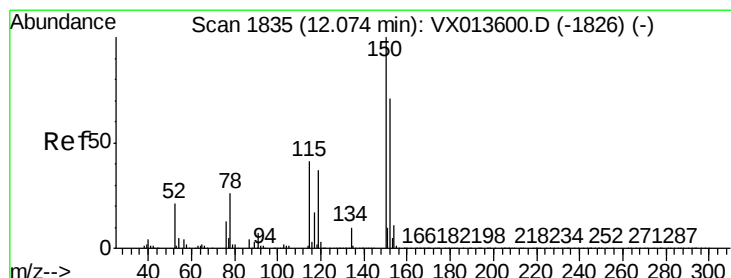
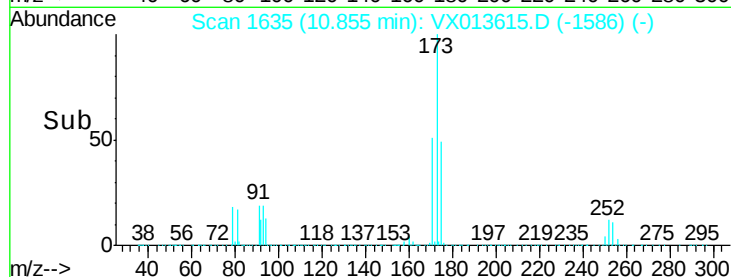
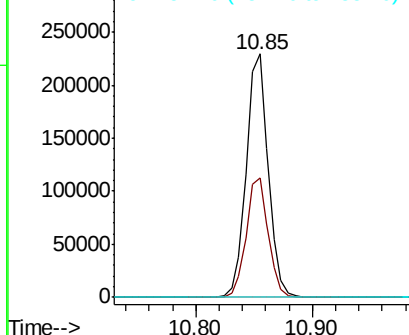
173 100

175 49.2 24.3 72.8

254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

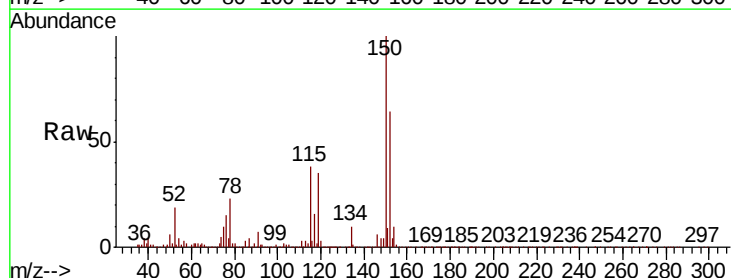
Tgt Ion:152 Resp: 480409

Ion Ratio Lower Upper

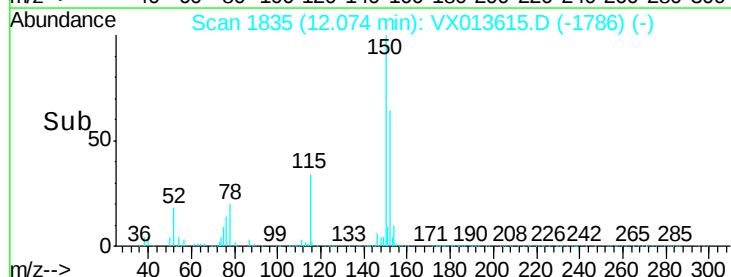
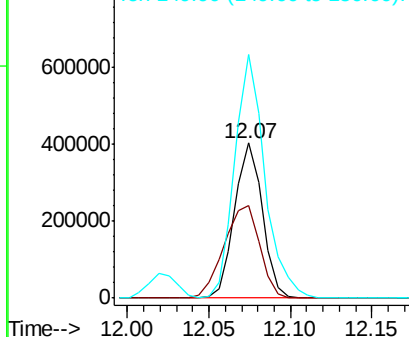
152 100

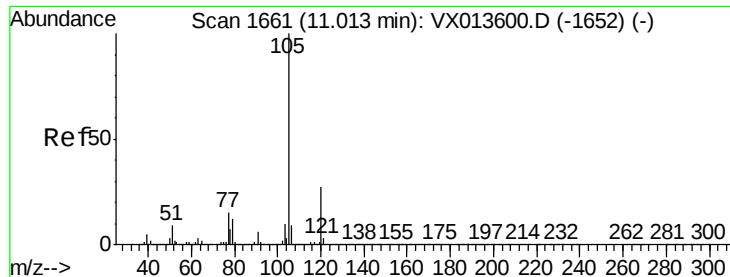
115 76.7 38.4 115.1

150 170.0 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.020 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

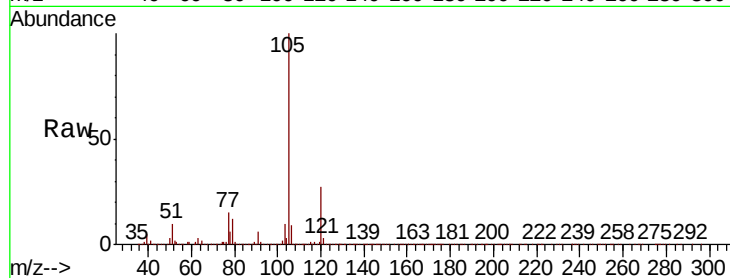
ClientSampleId :

Tot Ion:105 Resp: 1651904

Ion Ratio Lower Upper

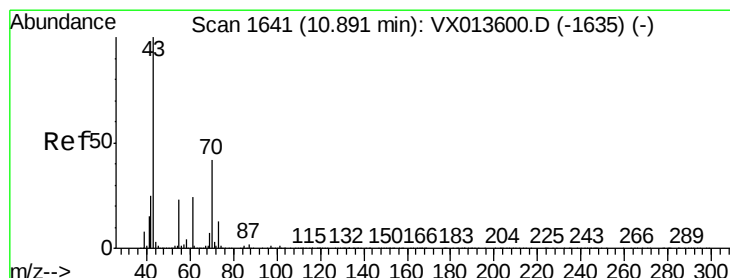
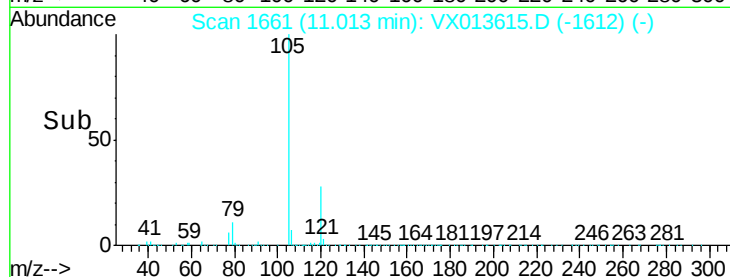
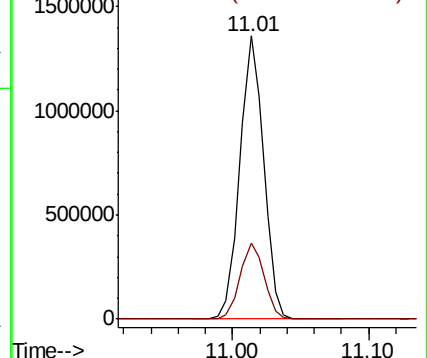
105 100

120 27.1 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: 51.147 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Tgt Ion: 43 Resp: 789560

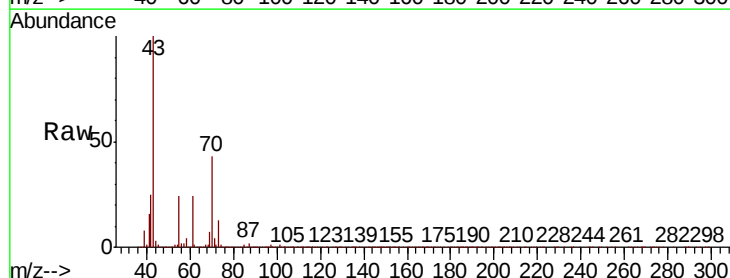
Ion Ratio Lower Upper

43 100

70 43.9 34.3 51.5

55 23.9 18.5 27.7

61 25.0 19.8 29.8

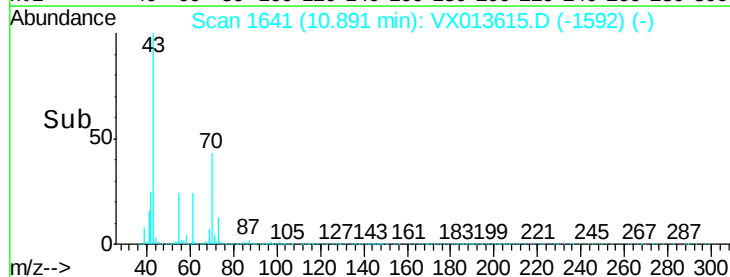
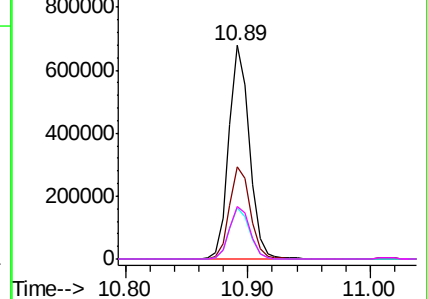


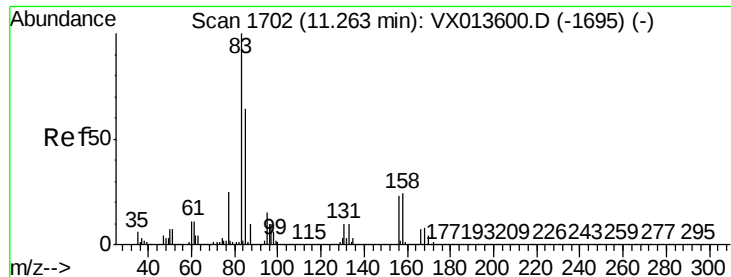
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.285 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

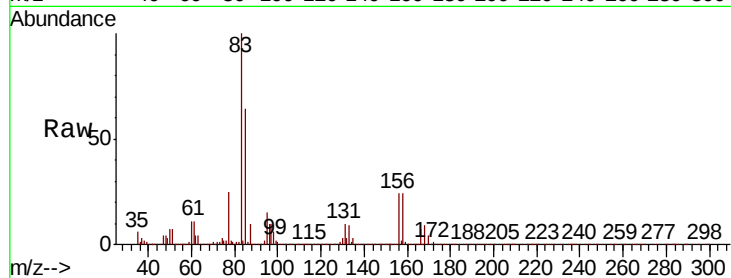
Tot Ion: 83 Resp: 587658

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

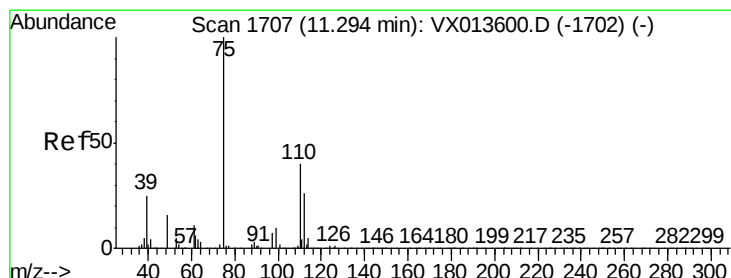
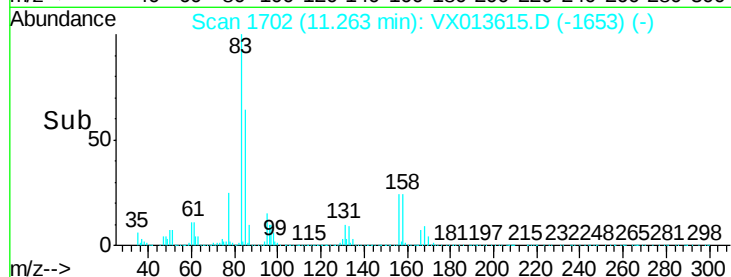
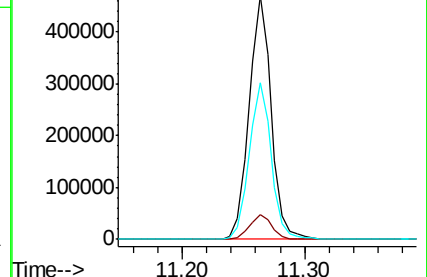
85 64.3 31.8 95.3



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: 62.570 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013615.D

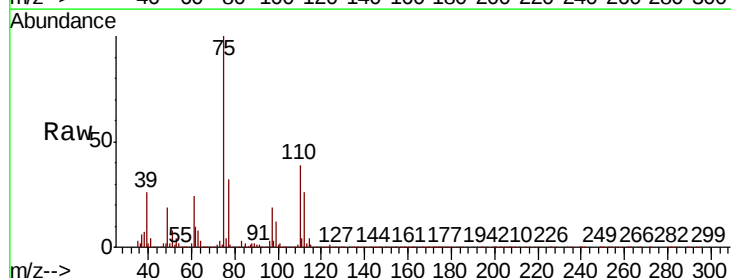
Acq: 26 Nov 2019 22:02

Tgt Ion: 75 Resp: 676088

Ion Ratio Lower Upper

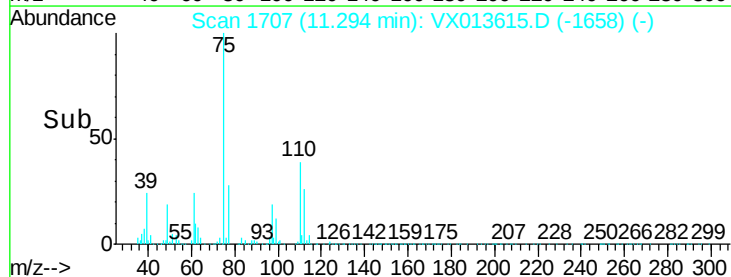
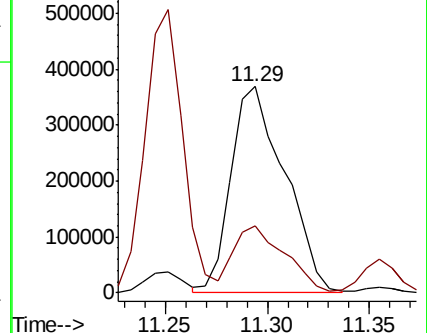
75 100

77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.734 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

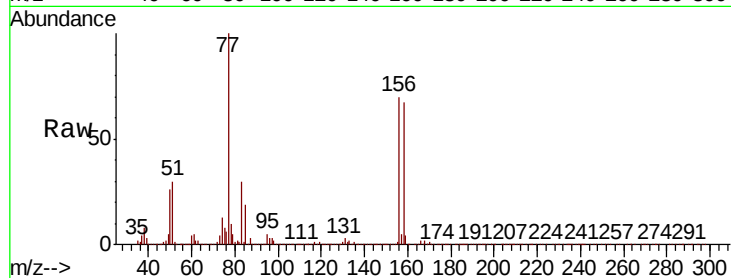
Tot Ion:156 Resp: 443665

Ion Ratio Lower Upper

156 100

77 146.8 74.4 223.1

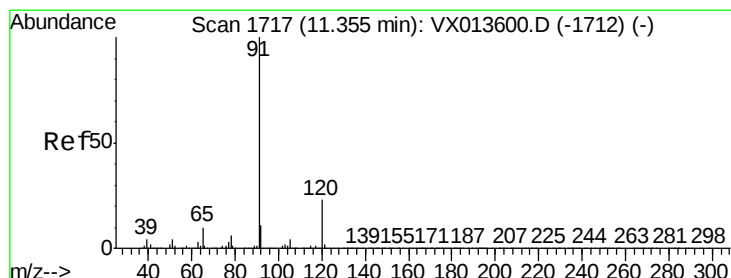
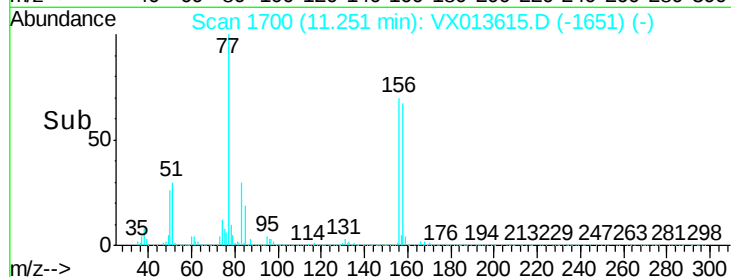
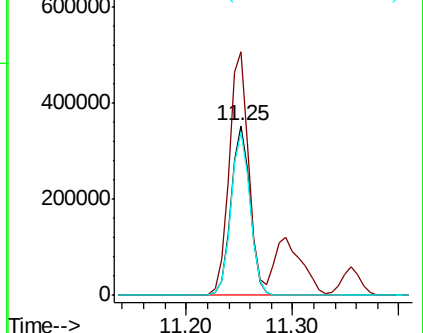
158 96.6 48.9 146.6



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: 49.536 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013615.D

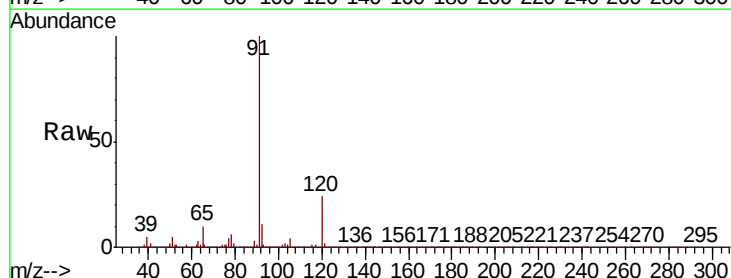
Acq: 26 Nov 2019 22:02

Tgt Ion: 91 Resp: 1863462

Ion Ratio Lower Upper

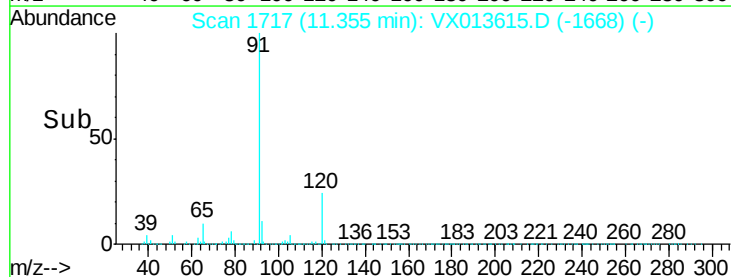
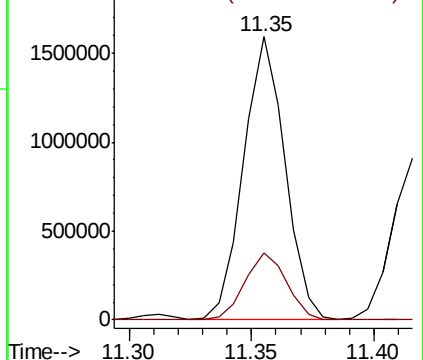
91 100

120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.032 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

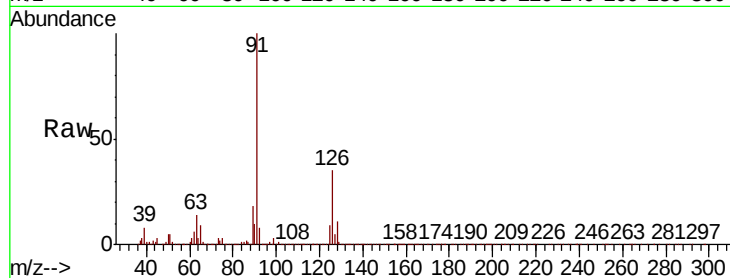
ClientSampleId :

Tot Ion: 91 Resp: 1106456

Ion Ratio Lower Upper

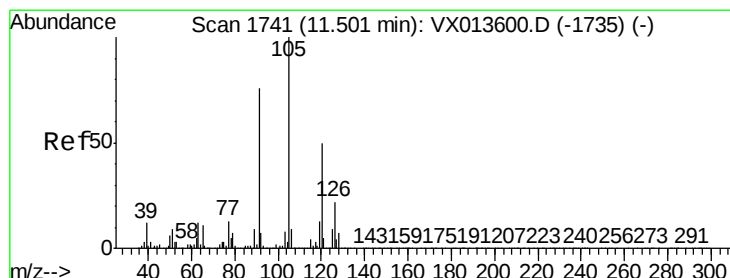
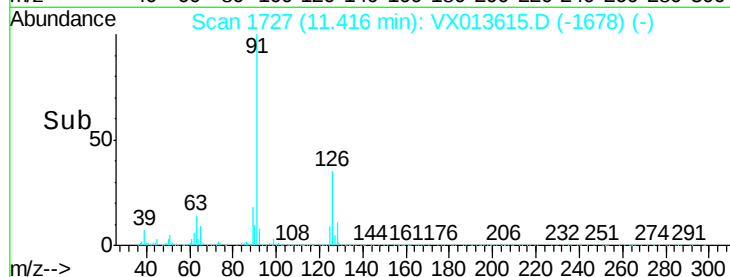
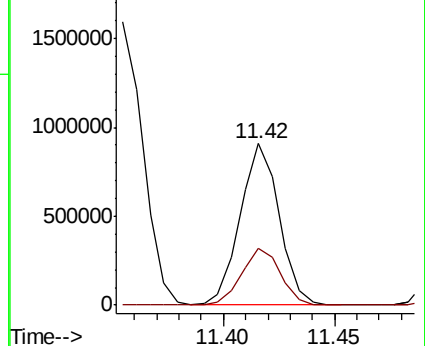
91 100

126 35.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013615.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013615.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.139 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013615.D

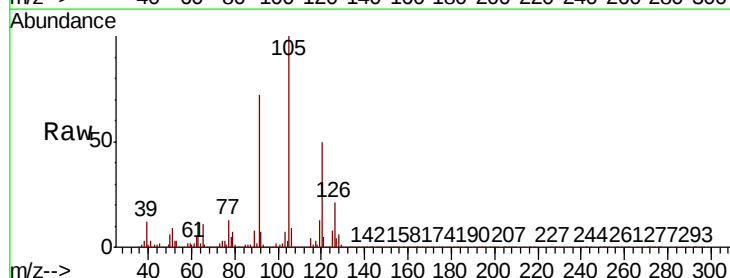
Acq: 26 Nov 2019 22:02

Tgt Ion: 105 Resp: 1384791

Ion Ratio Lower Upper

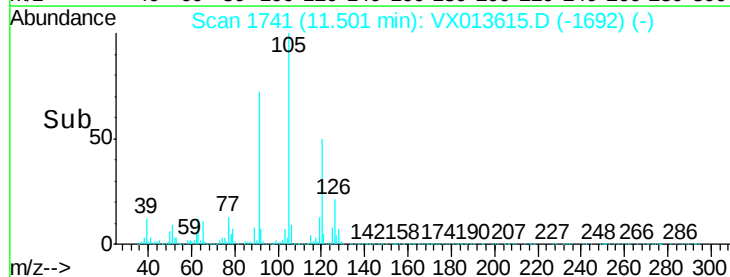
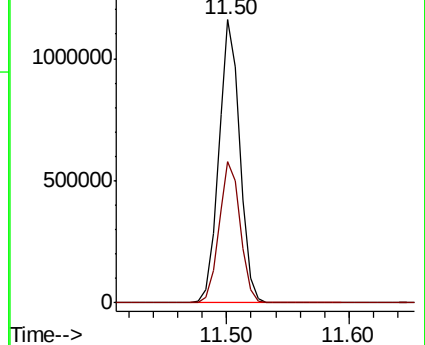
105 100

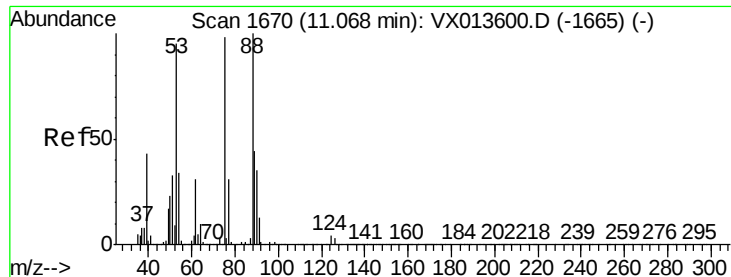
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013615.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013615.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

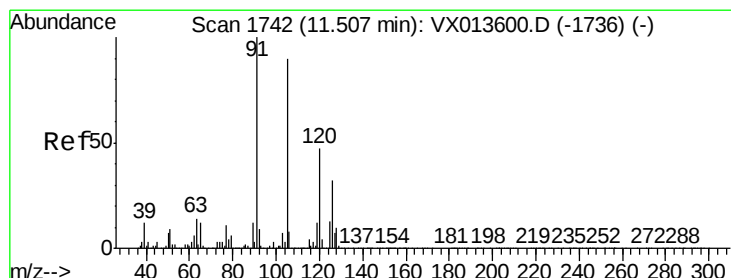
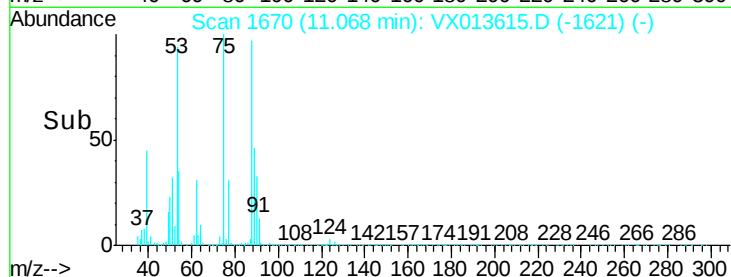
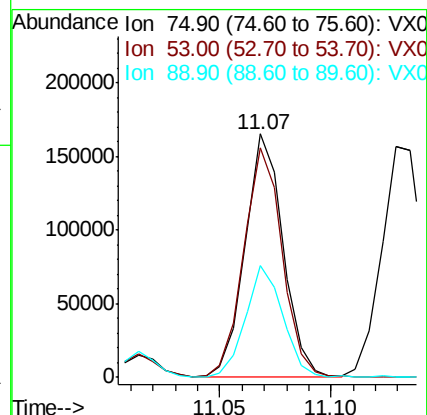
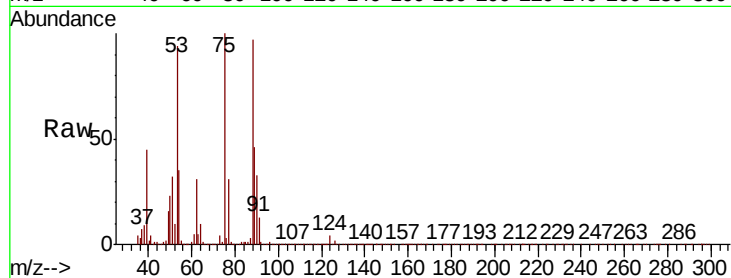
Tot Ion: 75 Resp: 196683

Ion Ratio Lower Upper

75 100

53 95.3 78.2 117.2

89 45.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 48.526 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013615.D

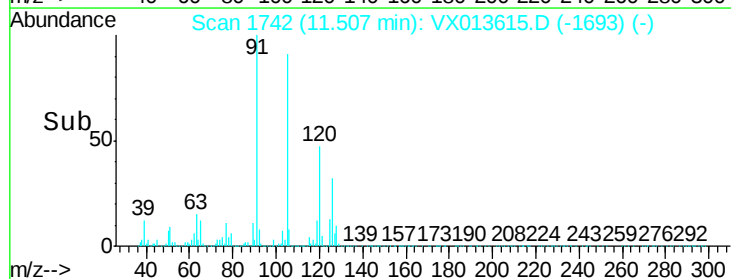
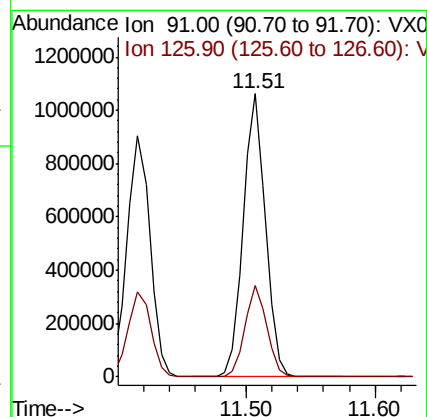
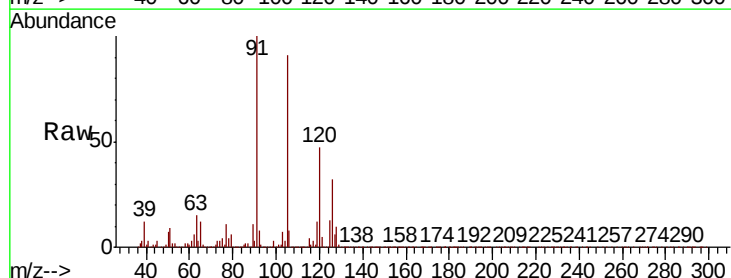
Acq: 26 Nov 2019 22:02

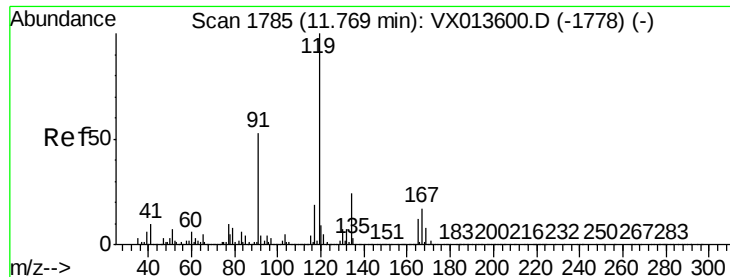
Tgt Ion: 91 Resp: 1268309

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0





#83

tert-Butylbenzene

Concen: 49.909 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

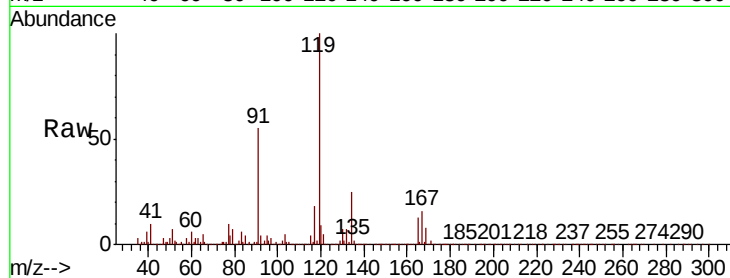
Tot Ion:119 Resp: 1400910

Ion Ratio Lower Upper

119 100

91 54.4 27.2 81.6

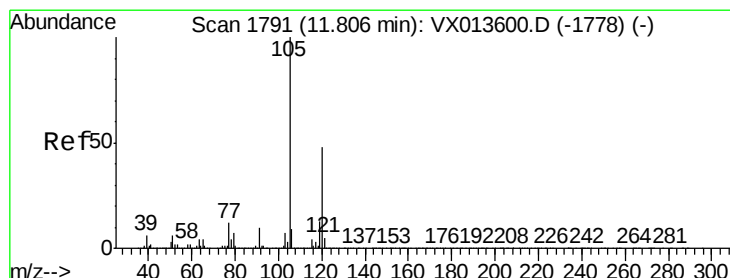
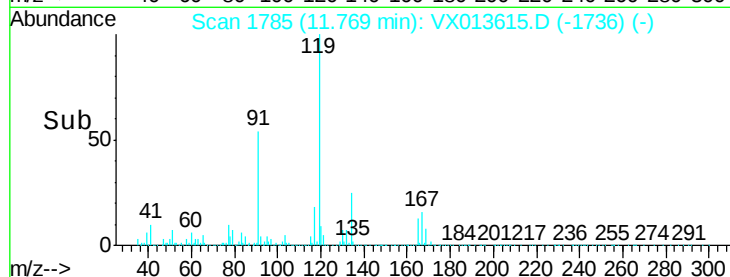
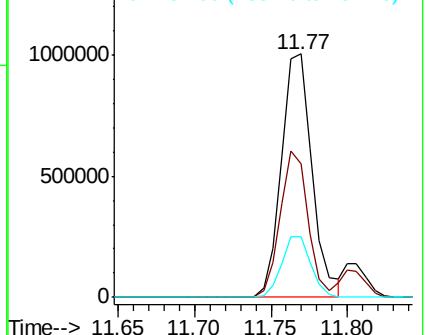
134 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.161 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013615.D

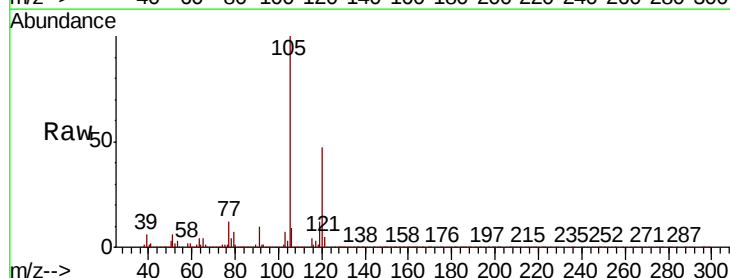
Acq: 26 Nov 2019 22:02

Tgt Ion:105 Resp: 1406041

Ion Ratio Lower Upper

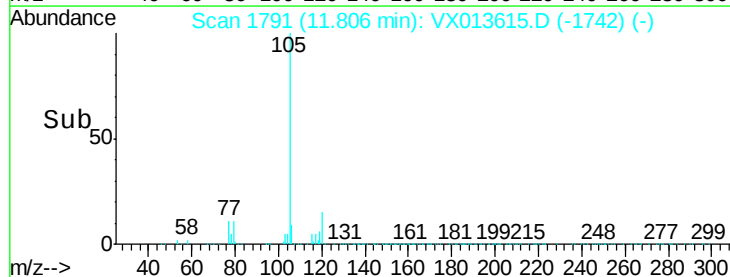
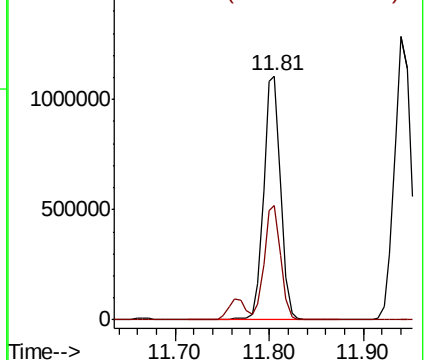
105 100

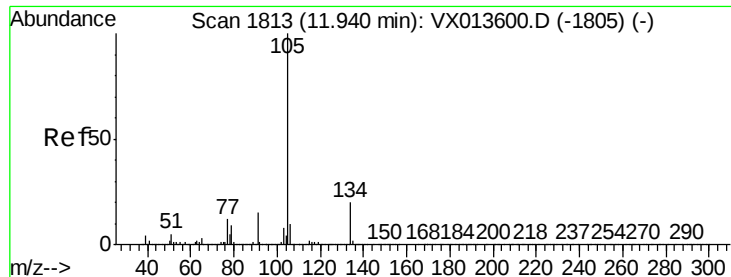
120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.548 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

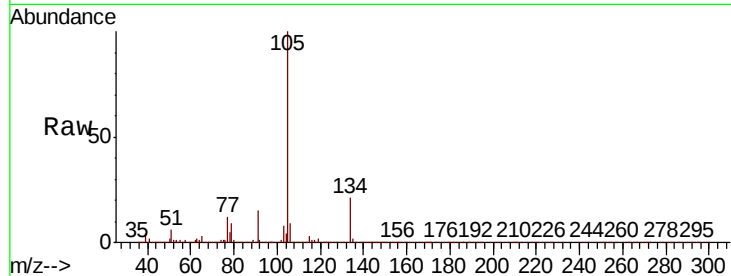
ClientSampled :

Tot Ion:105 Resp: 1588575

Ion Ratio Lower Upper

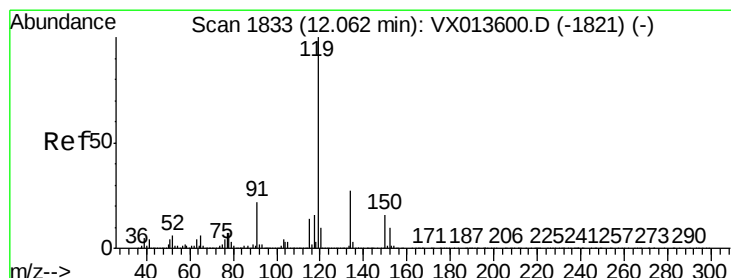
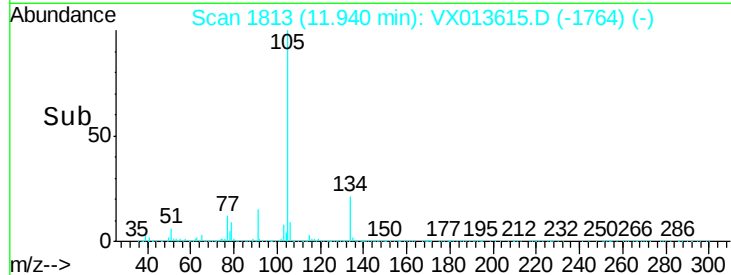
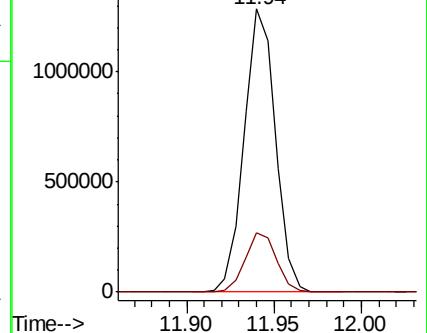
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.927 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

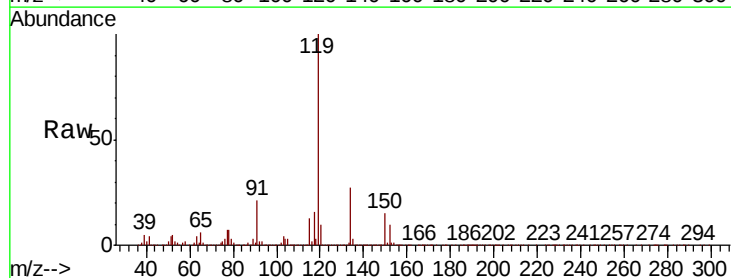
Tgt Ion:119 Resp: 1489142

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

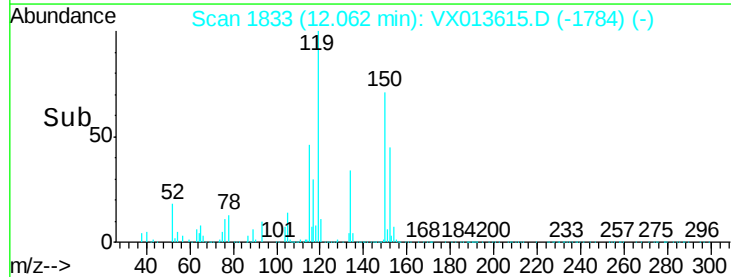
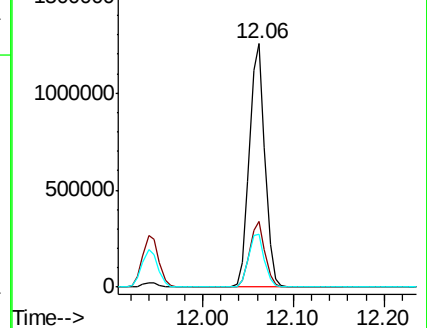
91 22.2 11.3 33.8

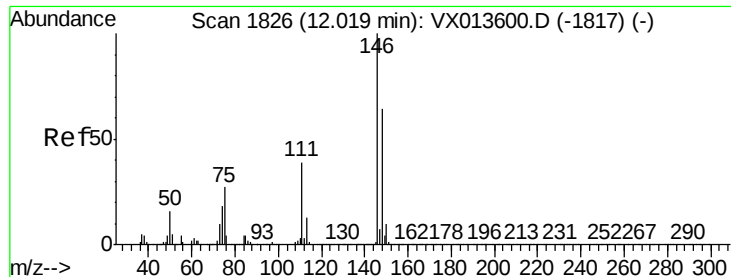


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

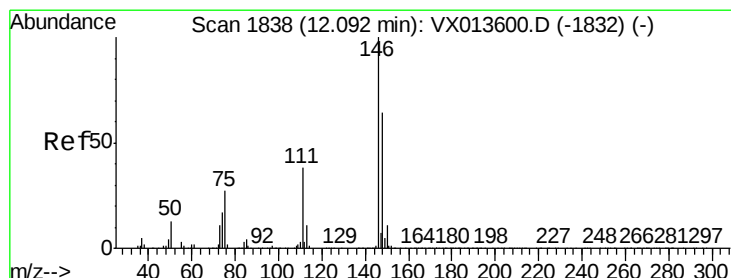
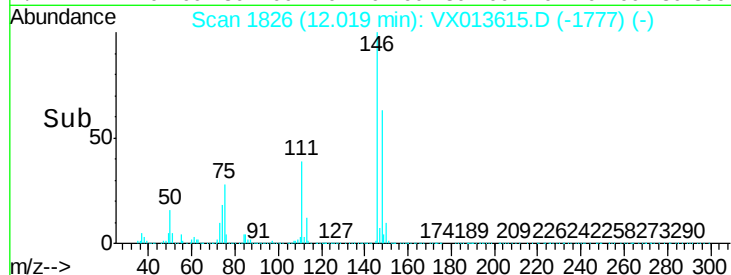
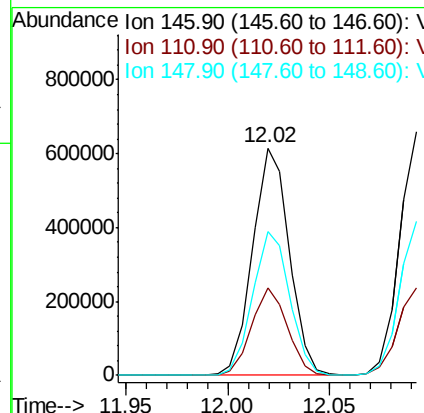
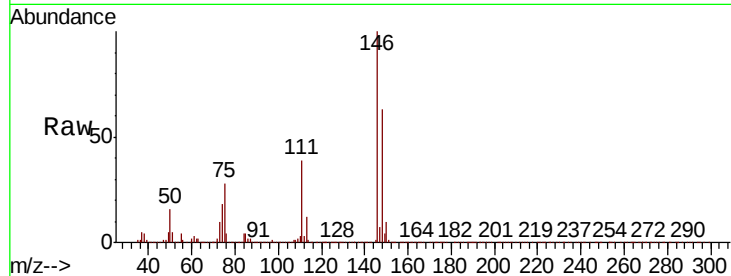




#87
 1,3-Dichlorobenzene
 Concen: 48.496 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

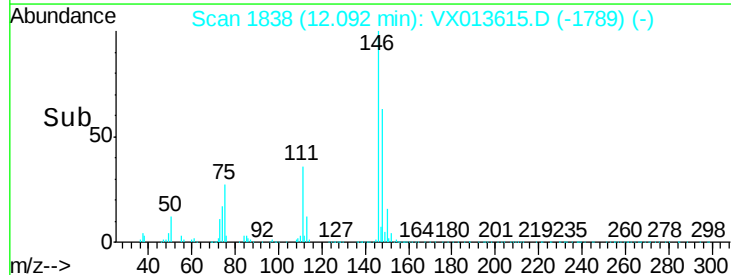
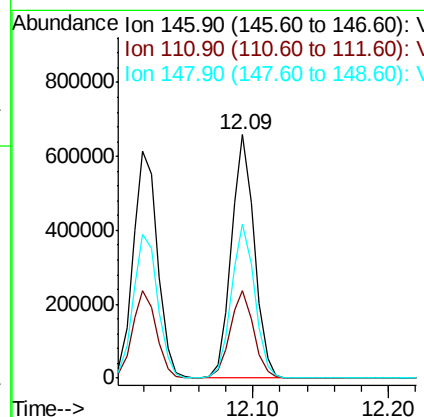
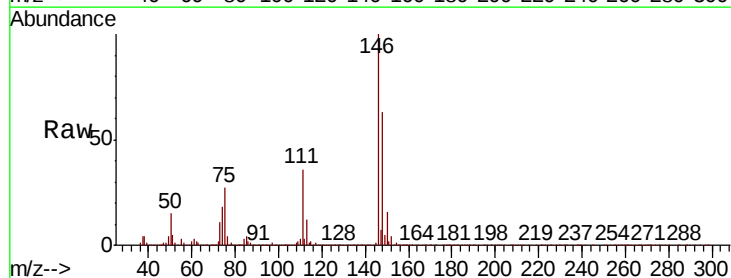
Instrument :
 MSVOA_X
 ClientSampleId :

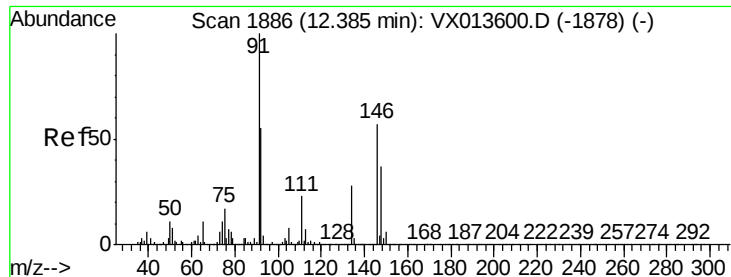
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.377 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	64.4	31.9	95.5

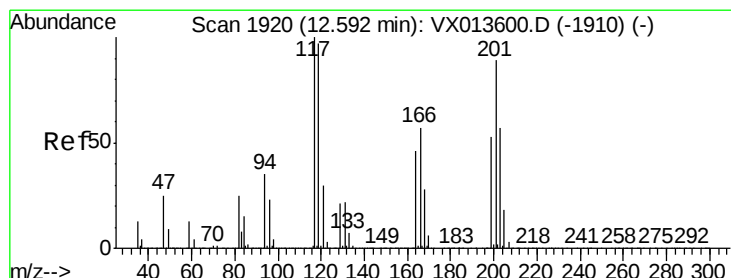
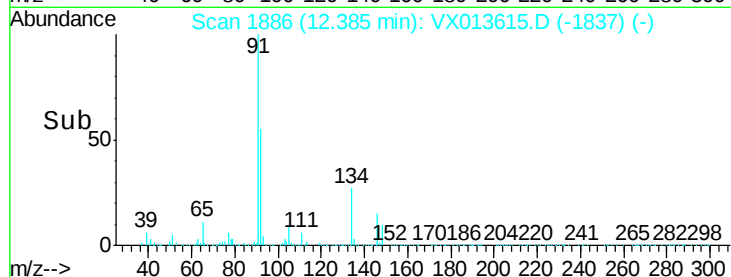
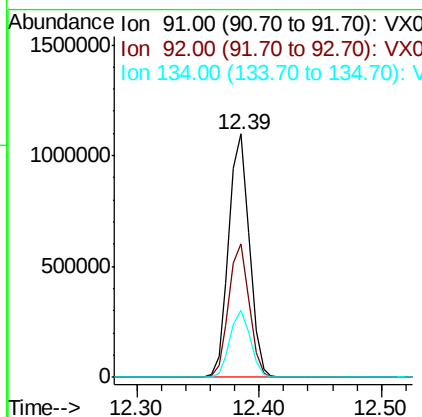
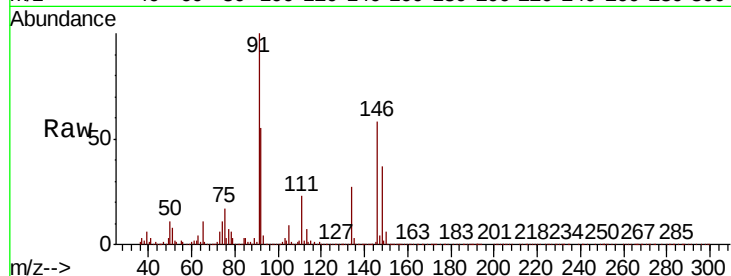




#89
n-Butylbenzene
Concen: 50.135 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

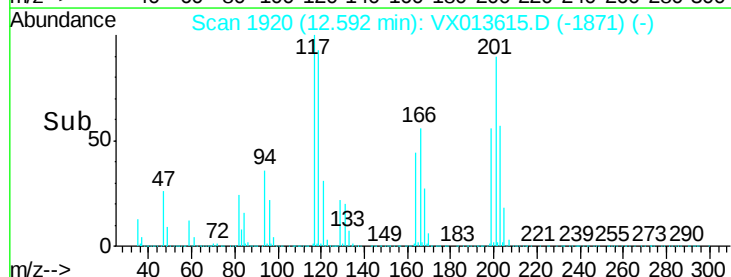
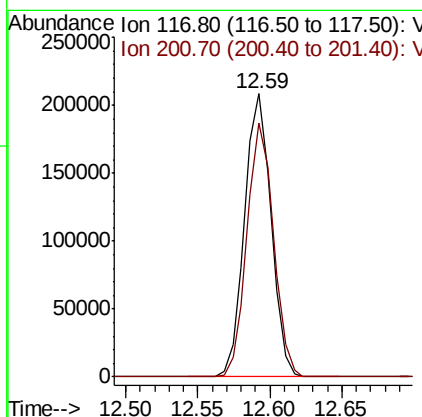
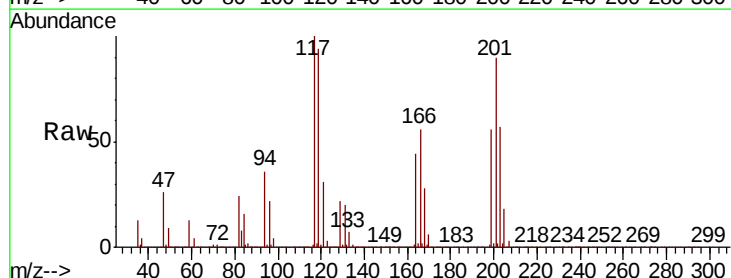
Instrument :
MSVOA_X
ClientSampled :

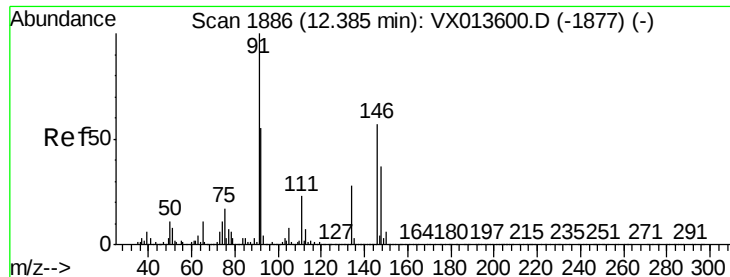
Tot Ion: 91 Resp: 1275386
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.1 13.5 40.4



#90
Hexachloroethane
Concen: 49.084 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion: 117 Resp: 264623
Ion Ratio Lower Upper
117 100
201 89.8 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 49.069 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

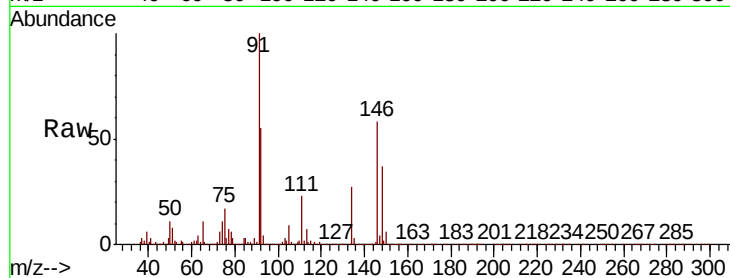
Tot Ion:146 Resp: 769392

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

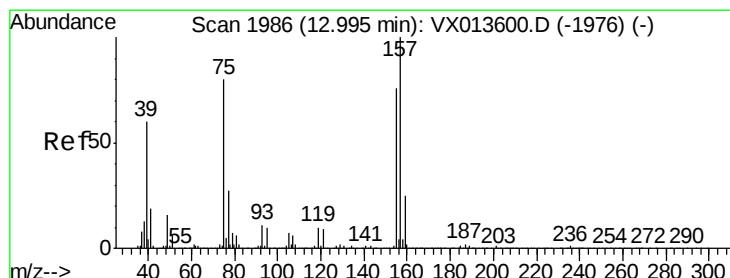
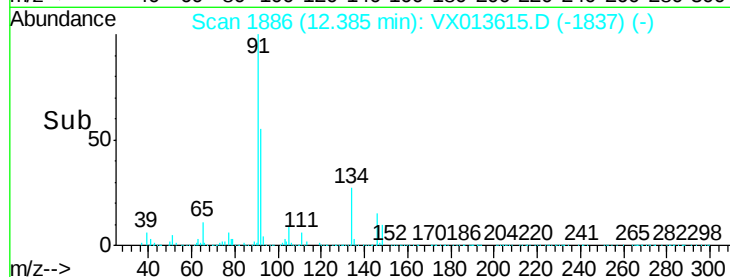
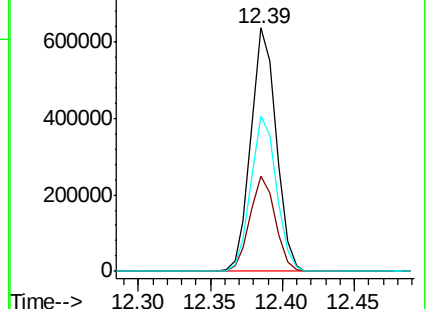
148 64.8 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.503 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013615.D

Acq: 26 Nov 2019 22:02

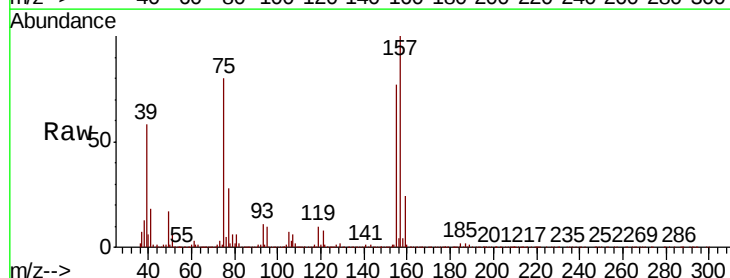
Tgt Ion: 75 Resp: 131071

Ion Ratio Lower Upper

75 100

155 99.1 47.6 142.8

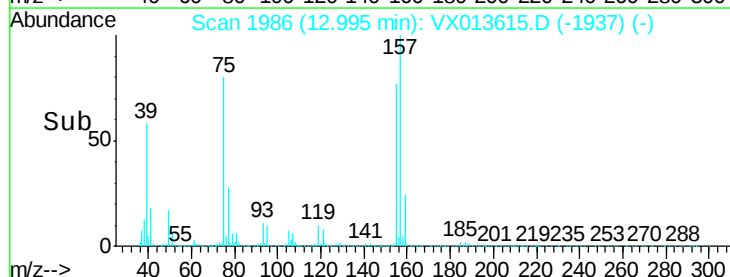
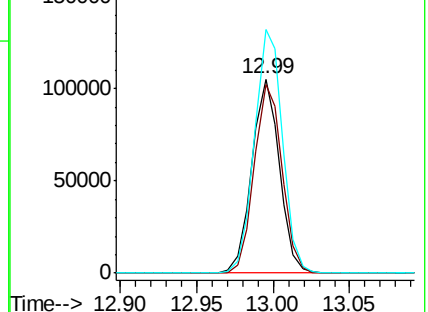
157 128.8 62.1 186.2

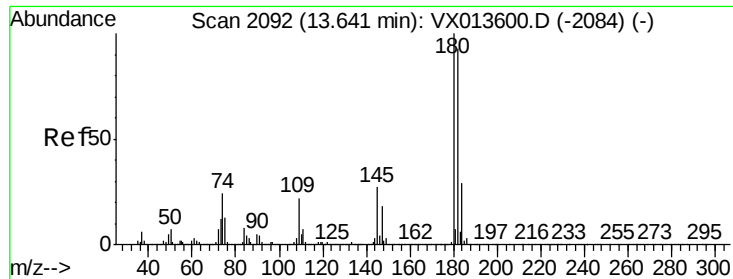


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

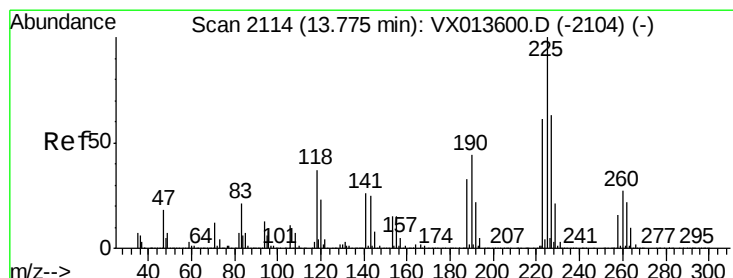
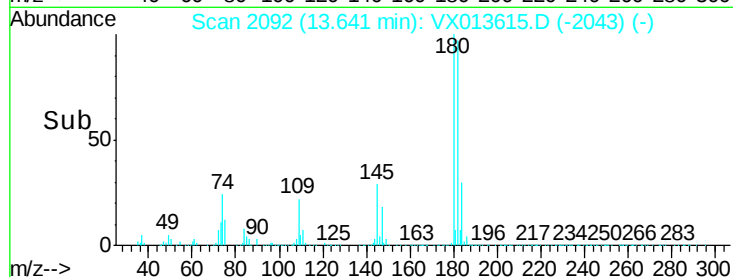
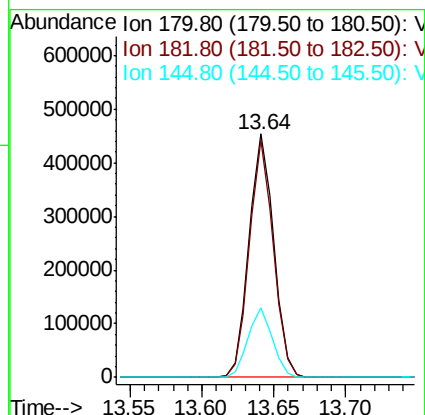
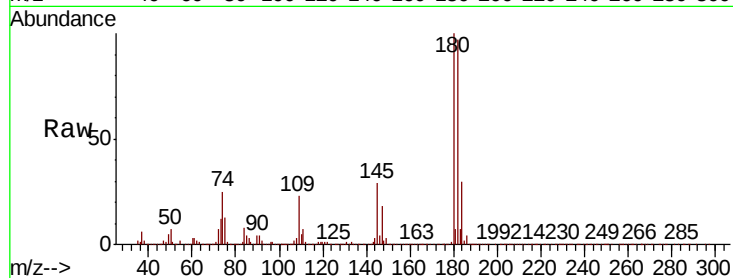




#93
 1,2,4-Trichlorobenzene
 Concen: 48.814 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

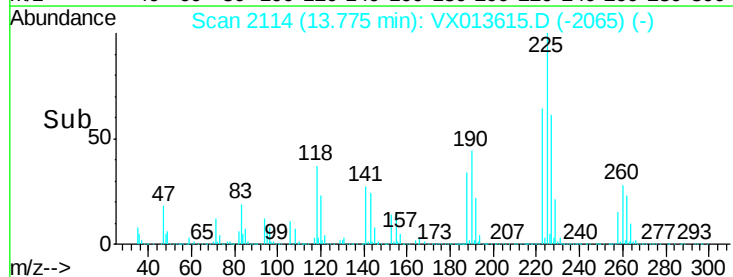
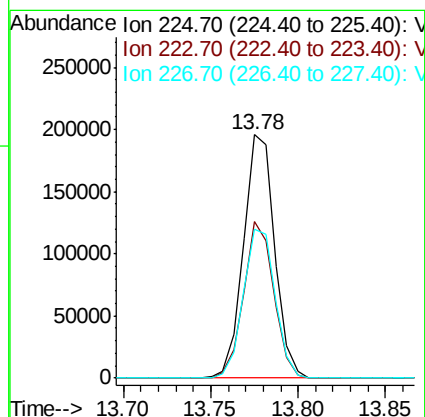
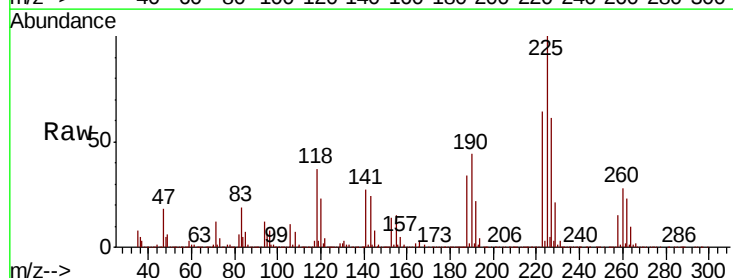
Instrument :
 MSVOA_X
 ClientSampleId :

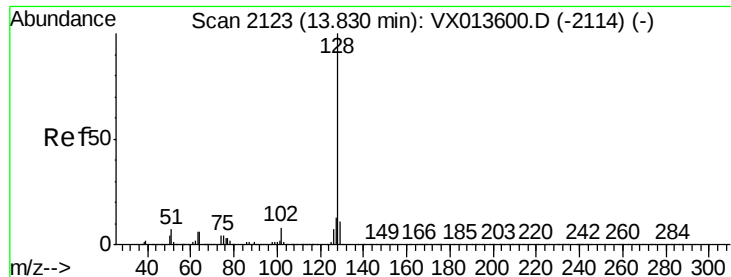
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.2	141.6
145	28.5	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 46.028 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013615.D
 Acq: 26 Nov 2019 22:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	62.8	32.1	96.3

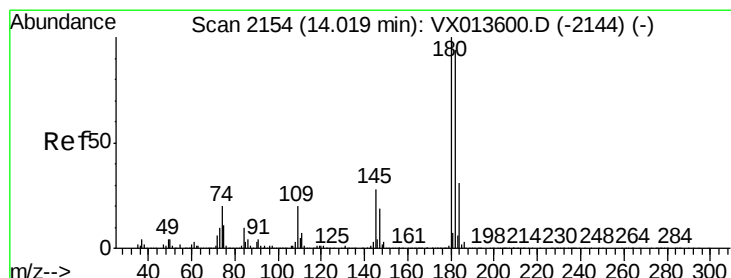
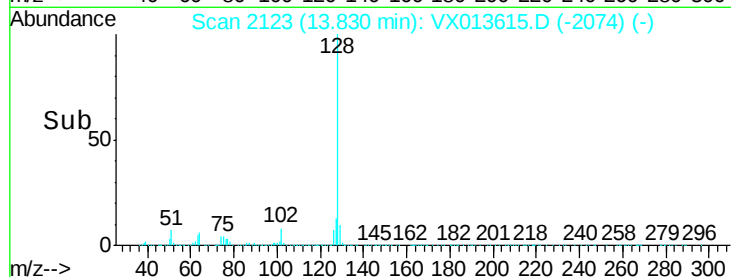
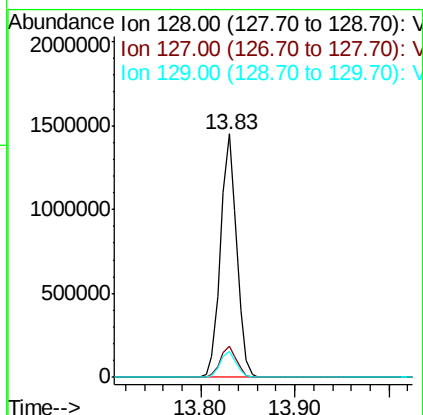
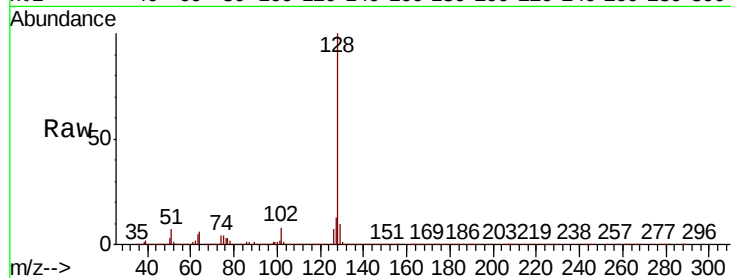




#95
Naphthalene
Concen: 52.874 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1720661
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.902 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013615.D
Acq: 26 Nov 2019 22:02

Tgt Ion:180 Resp: 539924
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 30.0 15.0 45.0

