

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013833.D
 Acq On : 07 Dec 2019 05:04
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Quant Time: Dec 07 05:46:00 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	537910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	866613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	780920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	385230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	303835	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	252242	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	954535	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
62) 4-Bromofluorobenzene	11.14	95	346799	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	286146	47.793	ug/l	98
3) Chloromethane	1.32	50	322473	48.001	ug/l	100
4) Vinyl Chloride	1.40	62	381887	50.505	ug/l	100
5) Bromomethane	1.63	94	216274	42.590	ug/l	97
6) Chloroethane	1.70	64	213142	49.536	ug/l	96
7) Trichlorofluoromethane	1.92	101	409987	48.830	ug/l	99
8) Diethyl Ether	2.18	74	194559	51.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1290040	251.542	ug/l	99
10) Methyl Iodide	2.50	142	316335	50.991	ug/l	100
11) Tert butyl alcohol	3.04	59	396864	257.503	ug/l	99
12) 1,1-Dichloroethene	2.36	96	265759	51.915	ug/l	100
13) Acrolein	2.28	56	301624	291.613	ug/l	99
14) Allyl chloride	2.72	41	443740	47.766	ug/l	99
15) Acrylonitrile	3.13	53	814618	256.063	ug/l	99
16) Acetone	2.44	43	720193	233.624	ug/l	99
17) Carbon Disulfide	2.56	76	634535	43.482	ug/l	100
18) Methyl Acetate	2.76	43	419927	48.919	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	871897	51.414	ug/l	97
20) Methylene Chloride	2.84	84	292414	49.374	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	271791	48.737	ug/l	97
22) Diisopropyl ether	3.84	45	932442	52.126	ug/l	99
23) Vinyl Acetate	3.80	43	3339842	224.436	ug/l	99
24) 1,1-Dichloroethane	3.69	63	507840	51.933	ug/l	99
25) 2-Butanone	4.66	43	1165934	254.488	ug/l	99
26) 2,2-Dichloropropane	4.57	77	262441	32.437	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	351728	54.921	ug/l	97
28) Bromochloromethane	5.00	49	208960	54.074	ug/l	99
29) Tetrahydrofuran	5.12	42	742434	262.870	ug/l	99
30) Chloroform	5.20	83	495884	50.002	ug/l	96
31) Cyclohexane	5.57	56	441087	47.823	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	418240	50.467	ug/l	100
36) 1,1-Dichloropropene	5.79	75	358465	45.567	ug/l	99
37) Ethyl Acetate	4.82	43	396740	44.955	ug/l	99
38) Carbon Tetrachloride	5.77	117	354116	48.818	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013833.D
 Acq On : 07 Dec 2019 05:04
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Quant Time: Dec 07 05:46:00 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	426073	43.817	ug/l	97
40) Benzene	6.14	78	1154069	48.168	ug/l	99
41) Methacrylonitrile	5.03	41	246693	50.971	ug/l	100
42) 1,2-Dichloroethane	6.18	62	400067	48.961	ug/l	100
43) Isopropyl Acetate	6.43	43	668148	45.987	ug/l	99
44) Trichloroethene	7.21	130	1039501	158.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	298374	49.774	ug/l	97
46) Dibromomethane	7.65	93	193289	47.475	ug/l	98
47) Bromodichloromethane	7.89	83	381412	49.555	ug/l	99
48) Methyl methacrylate	7.76	41	353586	50.088	ug/l	98
49) 1,4-Dioxane	7.73	88	168159	1064.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2333479	255.328	ug/l	99
52) Toluene	8.78	92	719235	48.321	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	394691	45.052	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	444390	46.429	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300708	50.133	ug/l	99
56) Ethyl methacrylate	9.17	69	482735	50.058	ug/l	100
57) 1,3-Dichloropropane	9.37	76	508227	49.157	ug/l	100
59) 2-Hexanone	9.49	43	1798524	252.324	ug/l	99
60) Dibromochloromethane	9.58	129	313186	50.312	ug/l	99
61) 1,2-Dibromoethane	9.67	107	310853	48.523	ug/l	98
64) Tetrachloroethene	9.33	164	347065	59.596	ug/l	99
65) Chlorobenzene	10.14	112	781061	48.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	292093	50.170	ug/l	100
67) Ethyl Benzene	10.25	91	1358166	48.748	ug/l	100
68) m/p-Xylenes	10.35	106	1032432	96.790	ug/l	100
69) o-Xylene	10.70	106	508918	48.919	ug/l	99
70) Styrene	10.71	104	870732	49.756	ug/l	100
71) Bromoform	10.85	173	241157	50.060	ug/l	100
73) Isopropylbenzene	11.01	105	1332545	49.313	ug/l	99
74) N-amyl acetate	10.89	43	564184	45.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	489504	52.235	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	513149	59.224	ug/l	89
77) Bromobenzene	11.25	156	351066	48.090	ug/l	99
78) n-propylbenzene	11.35	91	1459387	48.380	ug/l	99
79) 2-Chlorotoluene	11.42	91	887655	49.054	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1104093	49.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133129	42.036	ug/l	97
82) 4-Chlorotoluene	11.51	91	1002374	47.827	ug/l	100
83) tert-Butylbenzene	11.76	119	1133939	50.379	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1100172	48.946	ug/l	100
85) sec-Butylbenzene	11.94	105	1251582	48.682	ug/l	99
86) p-Isopropyltoluene	12.06	119	1145695	47.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	606032	47.624	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	599945	46.286	ug/l	99
89) n-Butylbenzene	12.39	91	939521	46.057	ug/l	99
90) Hexachloroethane	12.59	117	212001	49.039	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	615799	48.977	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101759	49.864	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	382179	43.615	ug/l	99

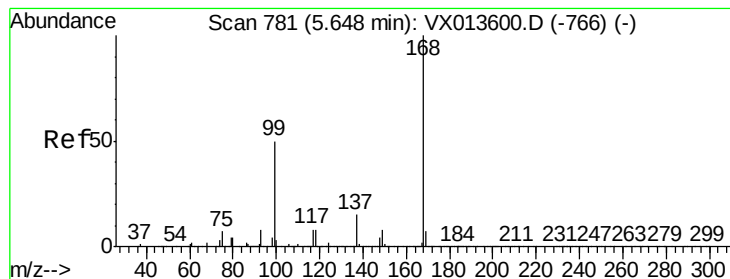
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013833.D
Acq On : 07 Dec 2019 05:04
Operator : JC/SP
Sample : K6185-08MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Quant Time: Dec 07 05:46:00 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)
94) Hexachlorobutadiene	13.78	225	173810	41.291	ug/l	99
95) Naphthalene	13.83	128	1221045	46.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	391020	45.069	ug/l	99

(#) = 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: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

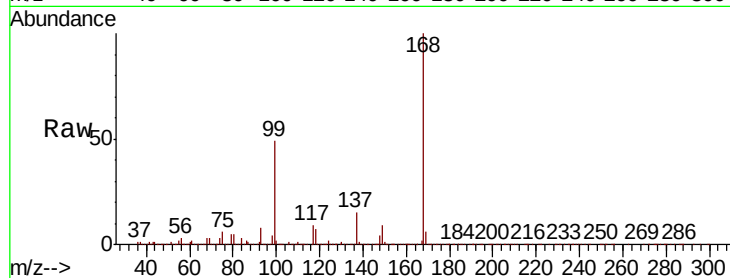
RE131D2-20191204MS

Tot Ion:168 Resp: 537910

Ion Ratio Lower Upper

168 100

99 48.6 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

200000

150000

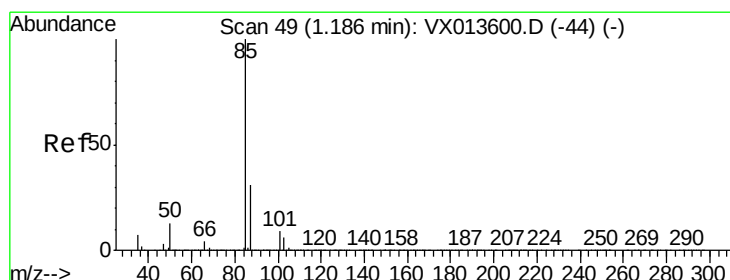
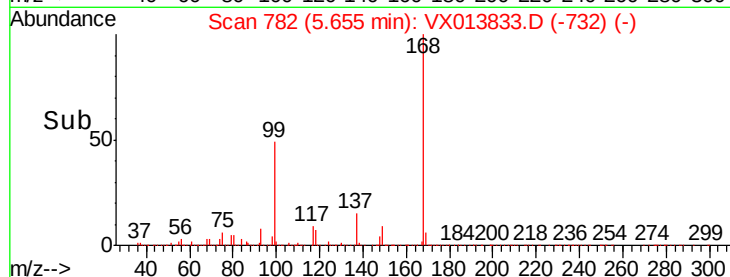
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.793 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013833.D

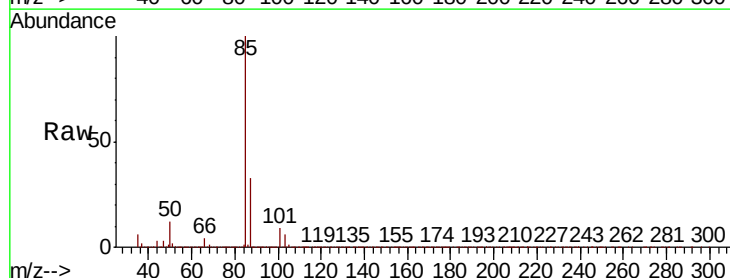
Acq: 07 Dec 2019 05:04

Tgt Ion: 85 Resp: 286146

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

150000

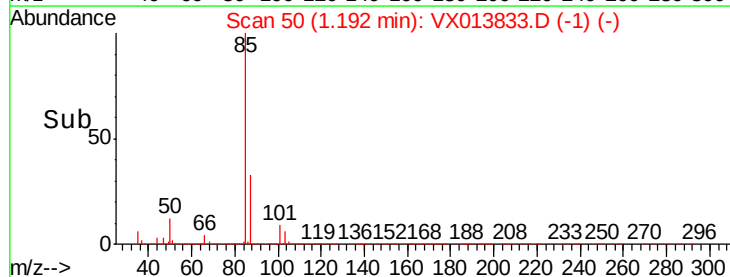
100000

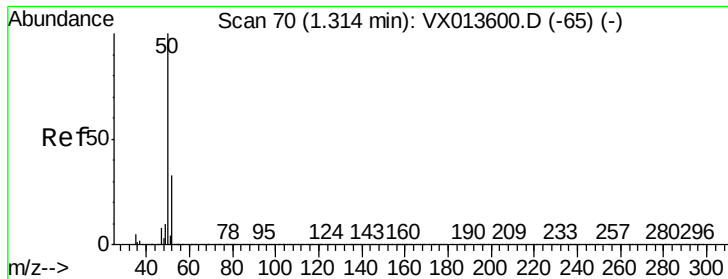
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.001 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

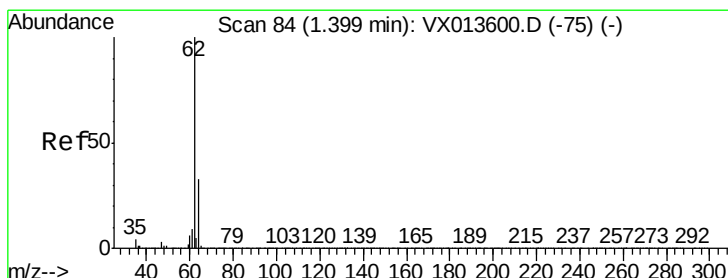
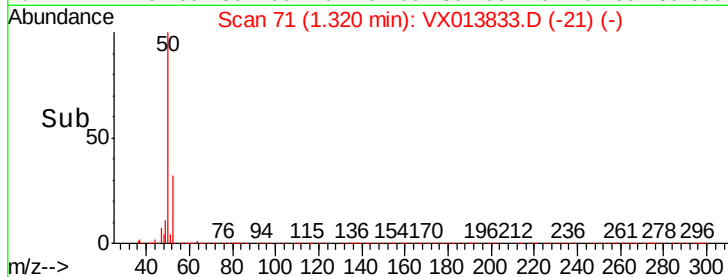
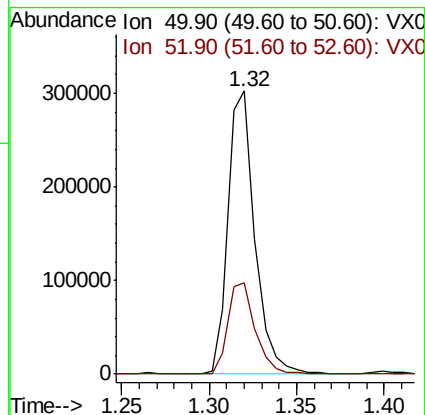
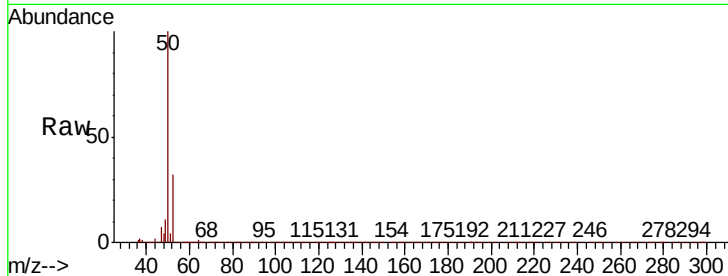
RE131D2-20191204MS

Tot Ion: 50 Resp: 322473

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 50.505 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013833.D

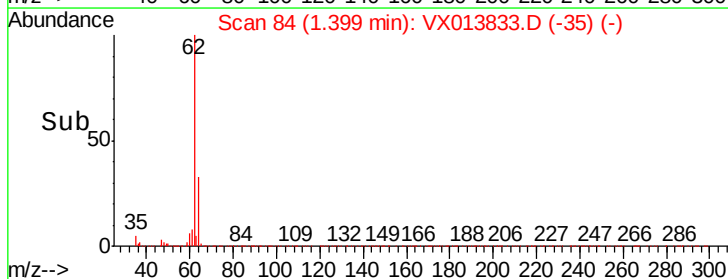
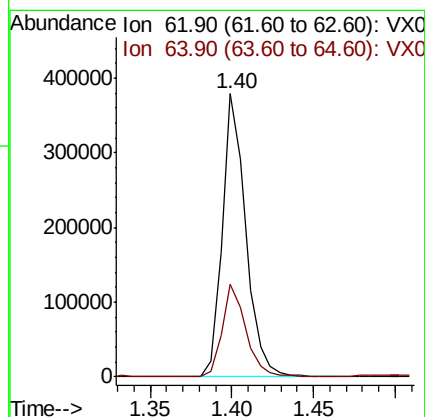
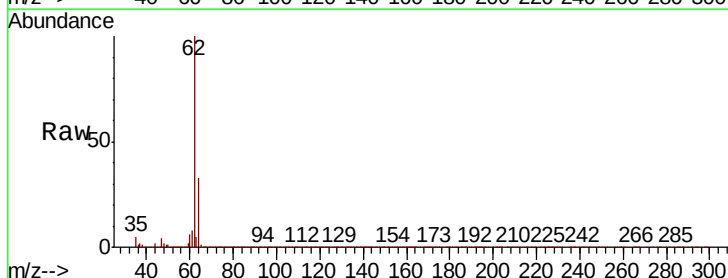
Acq: 07 Dec 2019 05:04

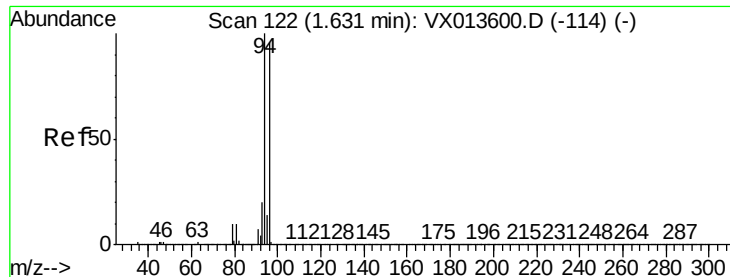
Tgt Ion: 62 Resp: 381887

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 42.590 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

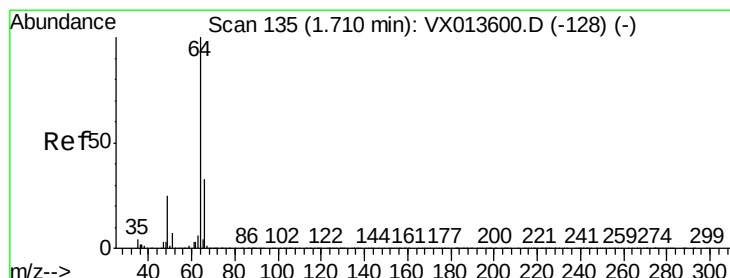
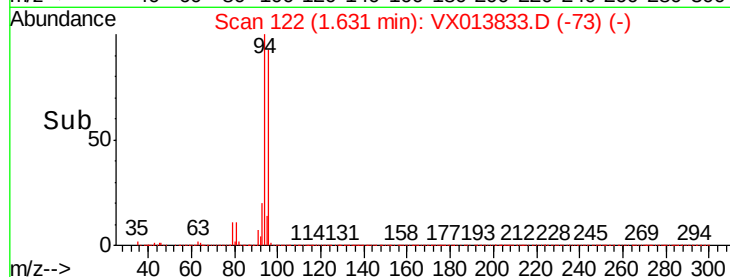
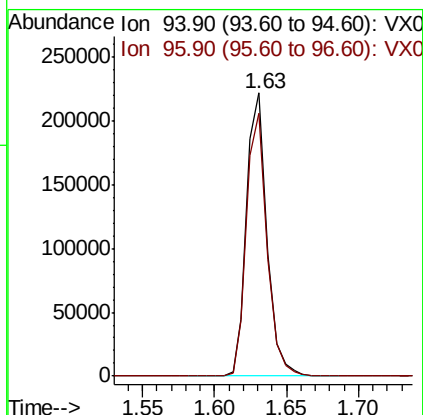
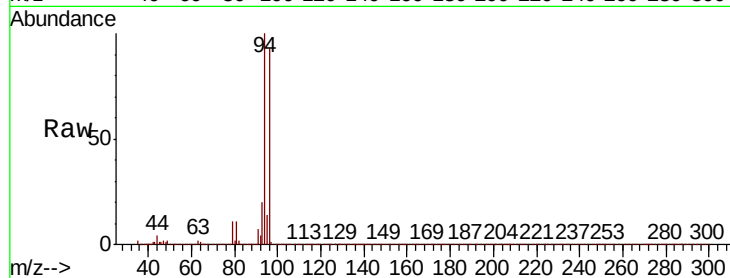
RE131D2-20191204MS

Tot Ion: 94 Resp: 216274

Ion Ratio Lower Upper

94 100

96 92.8 77.0 115.4



#6

Chloroethane

Concen: 49.536 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013833.D

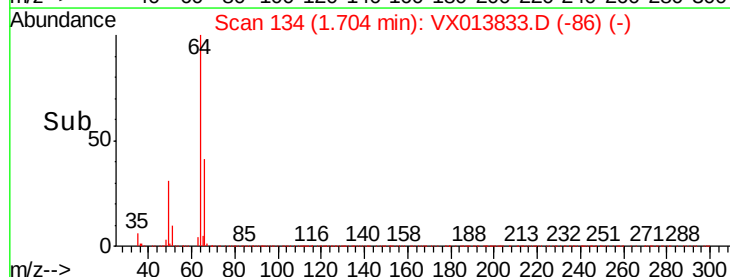
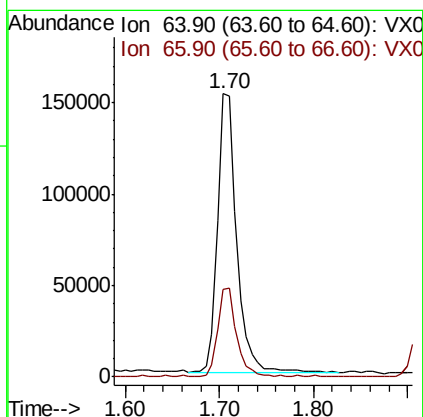
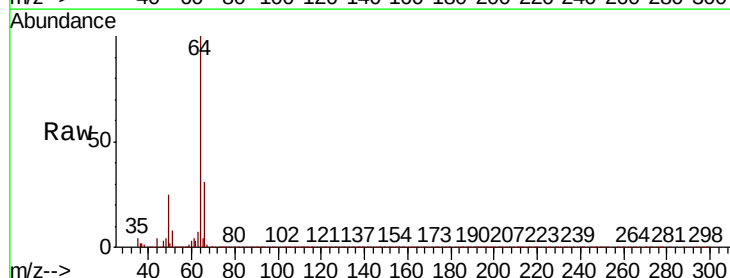
Acq: 07 Dec 2019 05:04

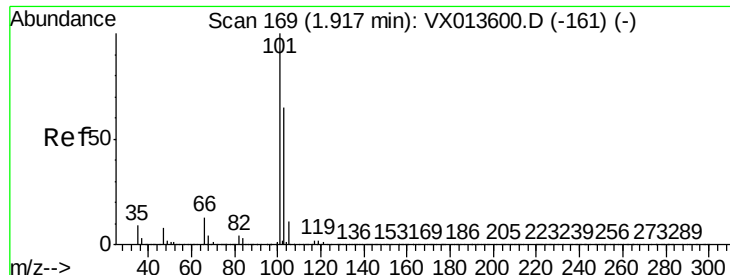
Tgt Ion: 64 Resp: 213142

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



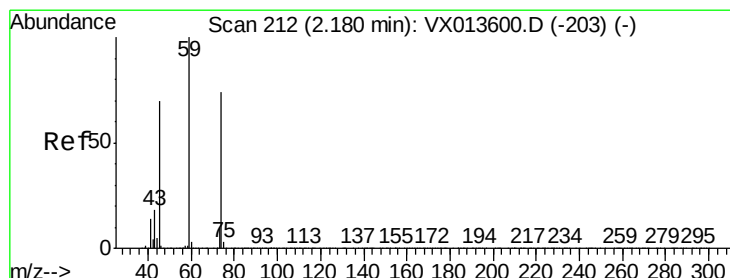
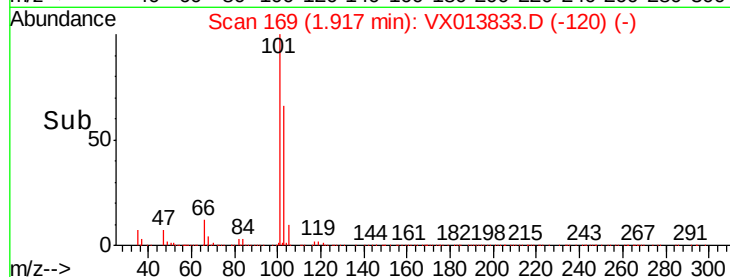
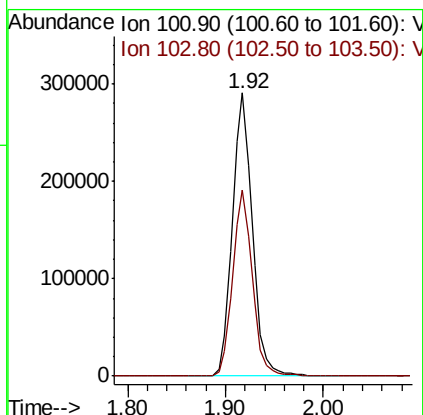
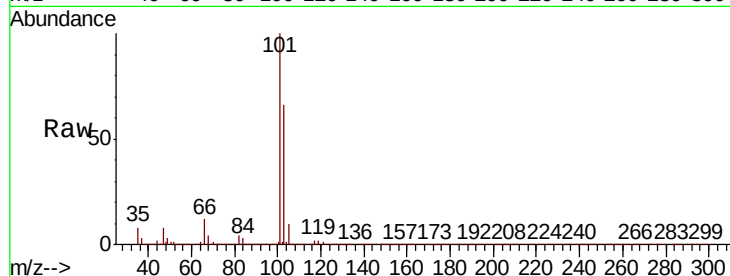


#7

Trichlorofluoromethane
Concen: 48.830 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

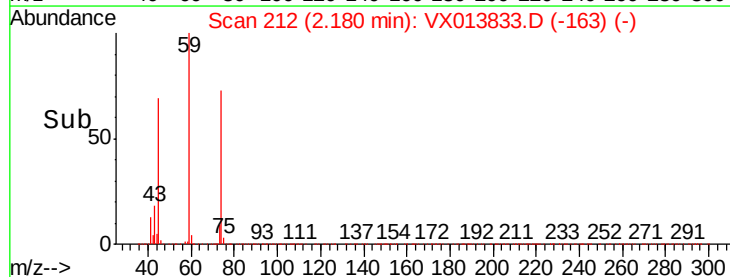
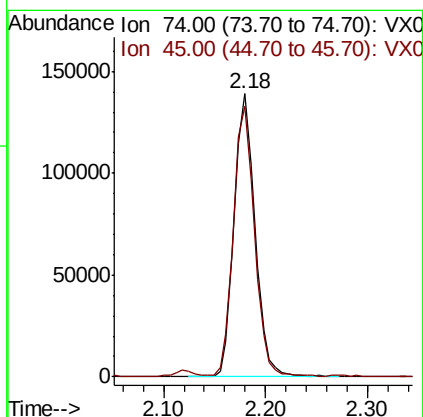
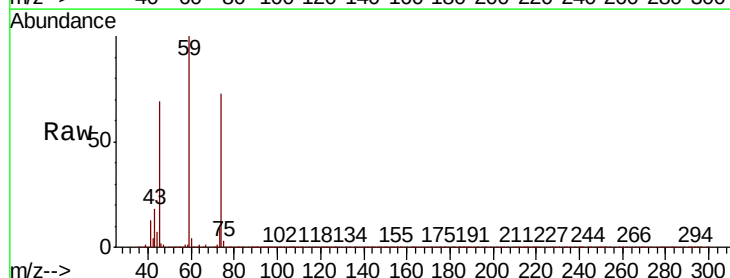
Tot Ion:101 Resp: 409987
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.6

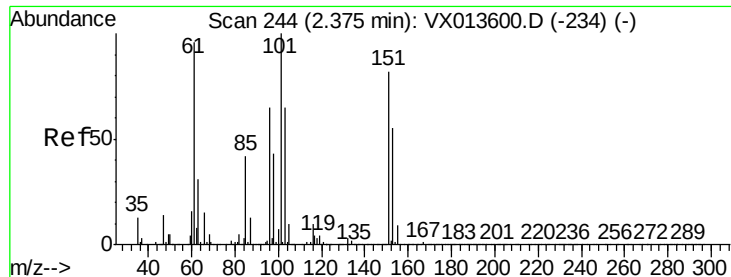


#8

Diethyl Ether
Concen: 51.219 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 74 Resp: 194559
Ion Ratio Lower Upper
74 100
45 97.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 251.542 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

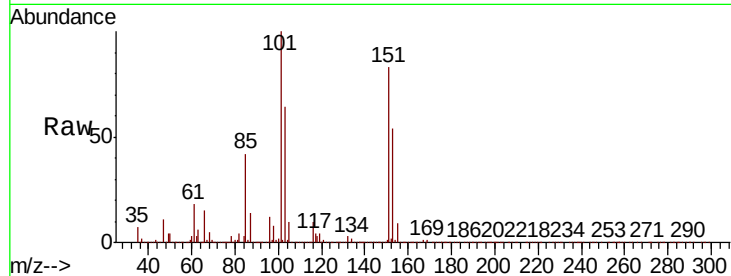
Tot Ion:101 Resp: 1290040

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

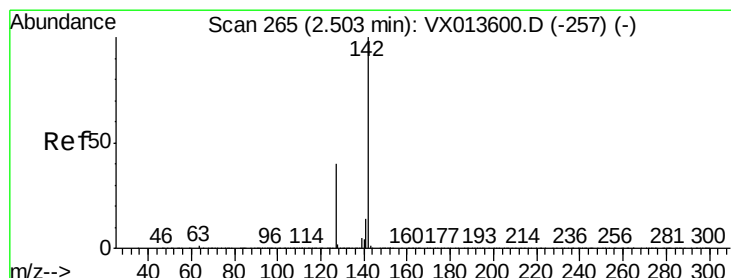
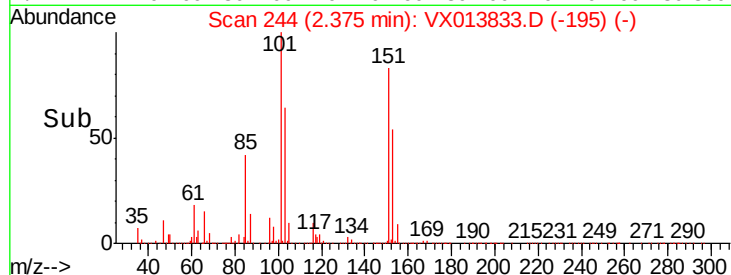
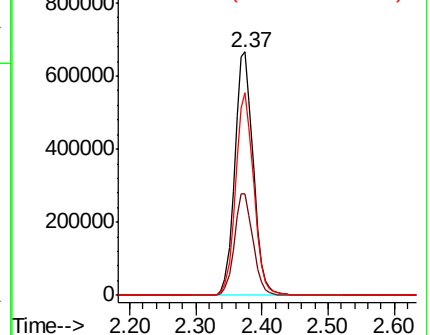
151 81.6 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.991 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

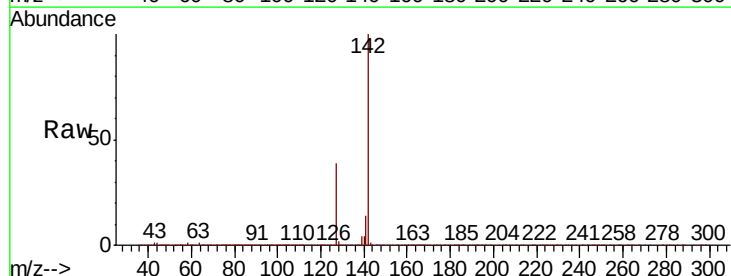
Tgt Ion:142 Resp: 316335

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.4

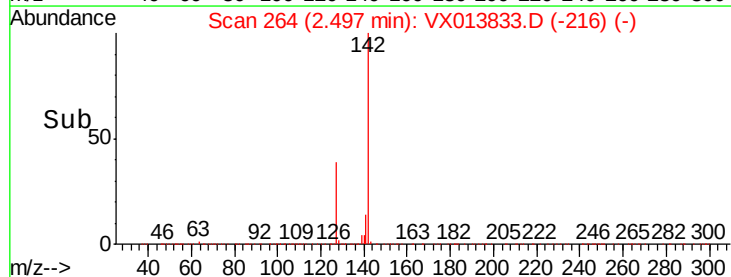
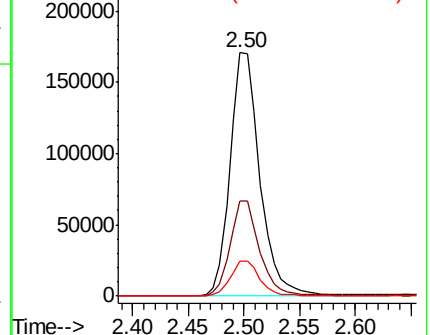
141 14.3 11.6 17.4

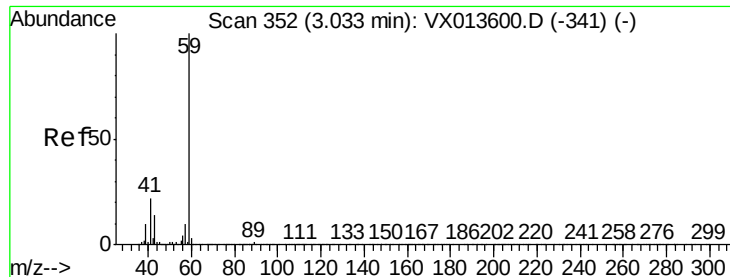


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



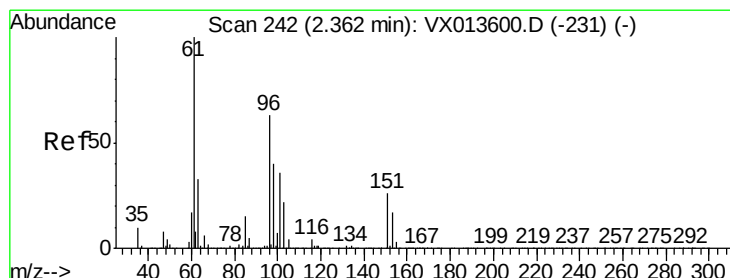
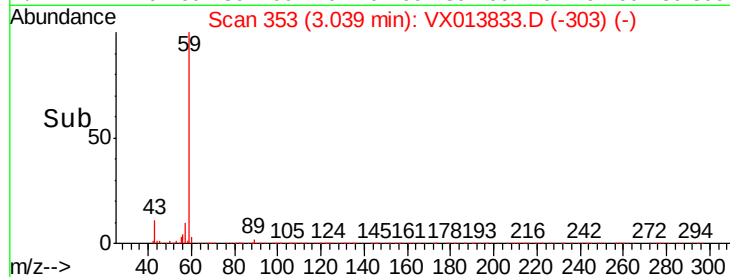
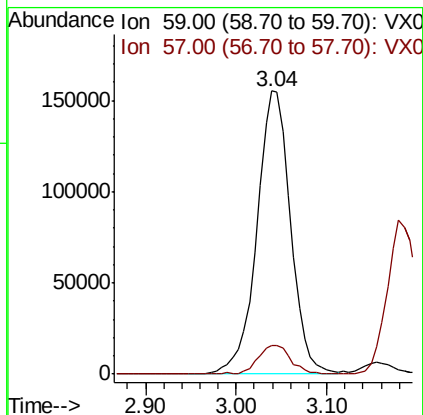
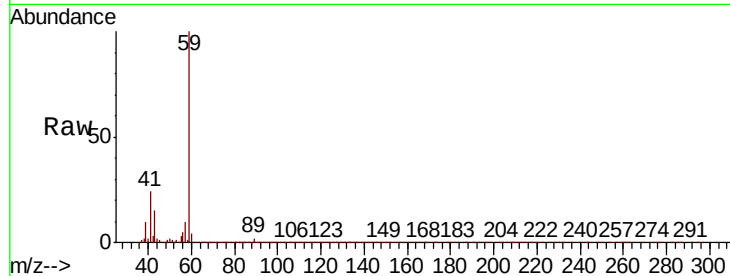


#11

Tert butyl alcohol
Concen: 257.503 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

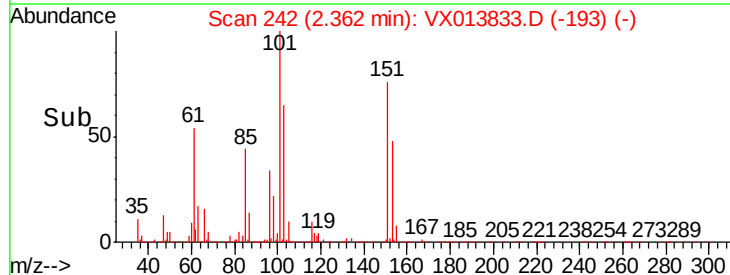
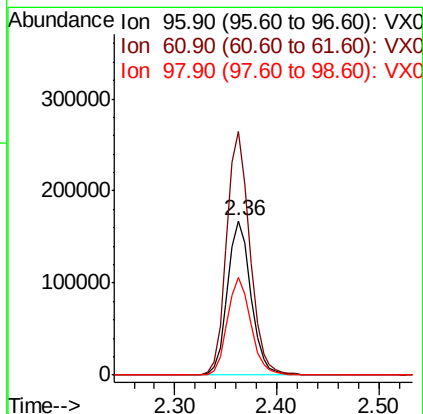
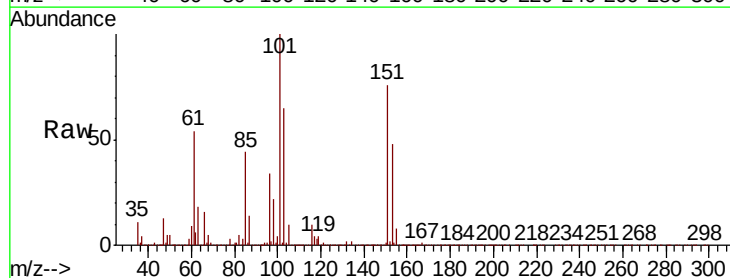
Tot Ion: 59 Resp: 396864
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

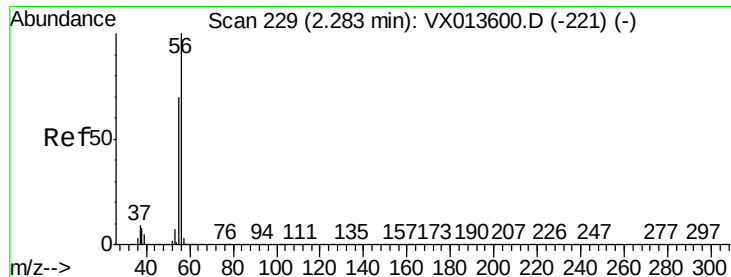


#12

1,1-Dichloroethene
Concen: 51.915 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 96 Resp: 265759
Ion Ratio Lower Upper
96 100
61 157.7 126.6 190.0
98 63.4 50.6 76.0

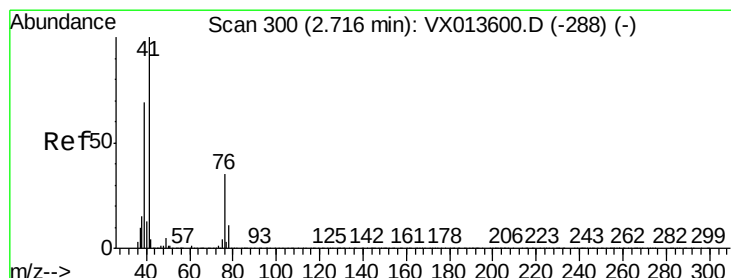
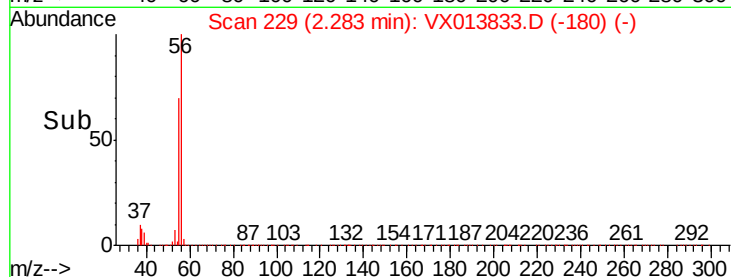
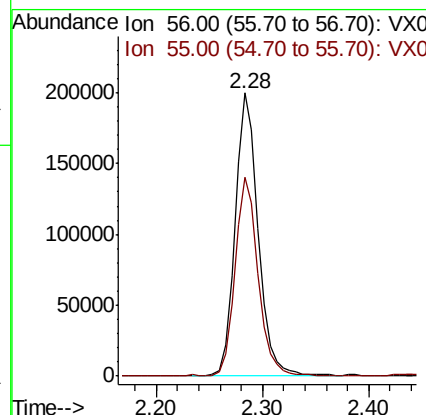
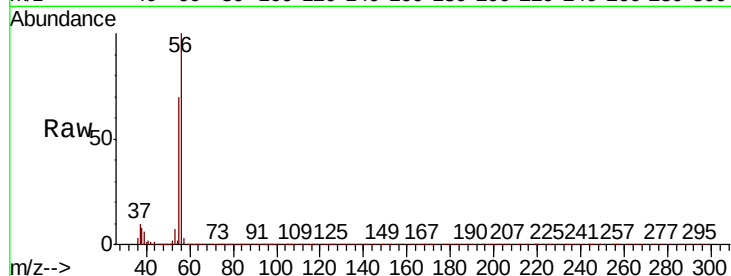




#13
Acrolein
Concen: 291.613 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

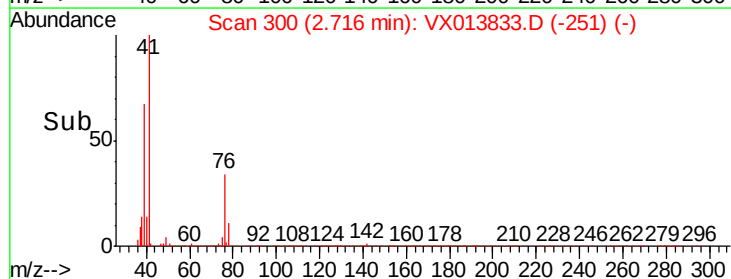
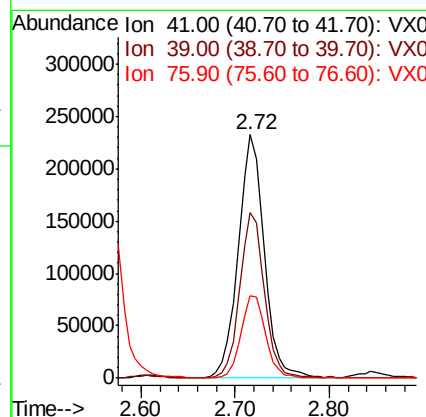
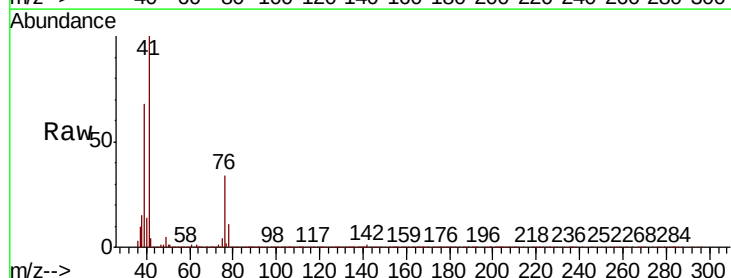
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

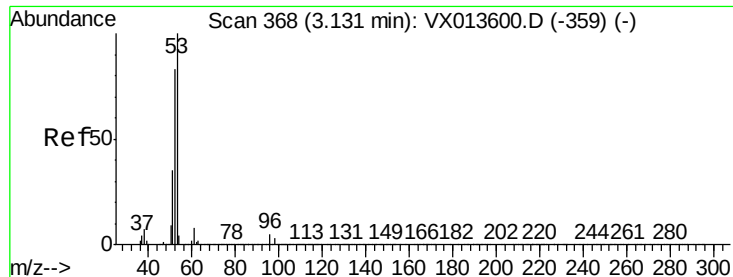
Tot Ion: 56 Resp: 301624
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.4



#14
Allyl chloride
Concen: 47.766 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 41 Resp: 443740
Ion Ratio Lower Upper
41 100
39 65.1 51.7 77.5
76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 256.063 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

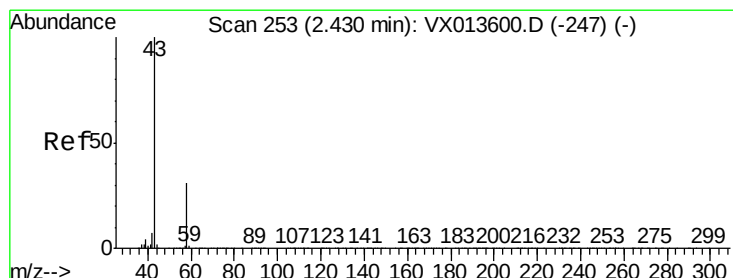
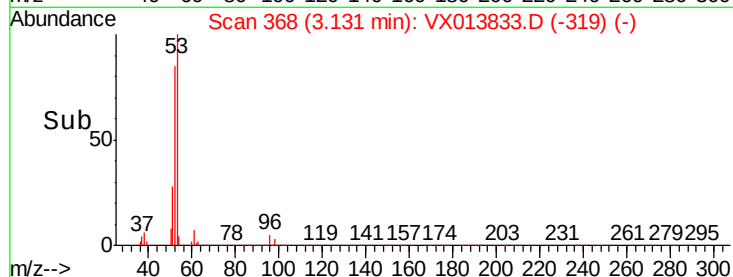
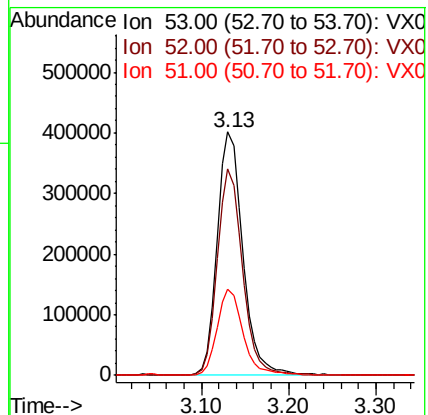
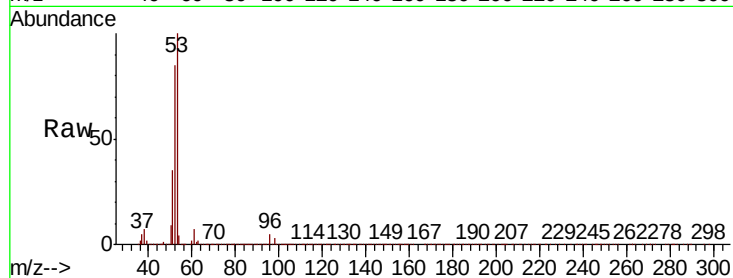
Tot Ion: 53 Resp: 814618

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

51 35.5 29.0 43.6



#16

Acetone

Concen: 233.624 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013833.D

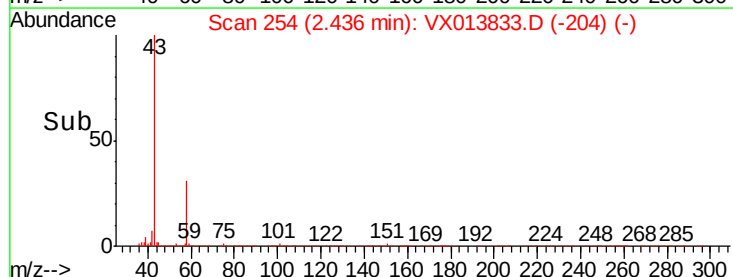
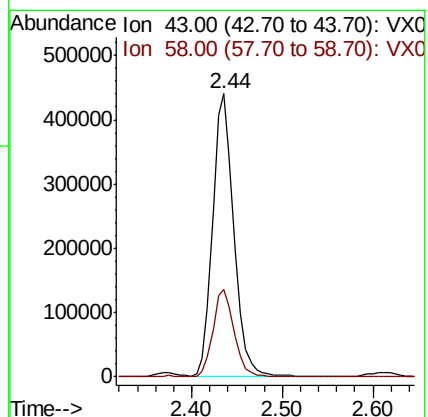
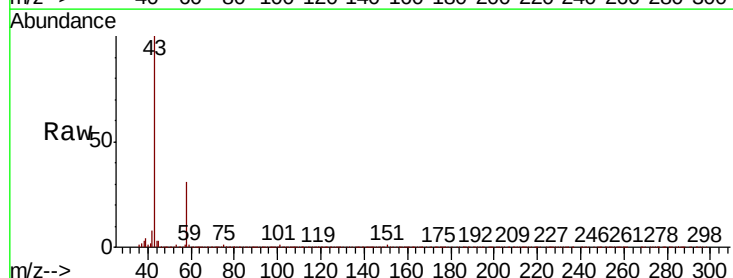
Acq: 07 Dec 2019 05:04

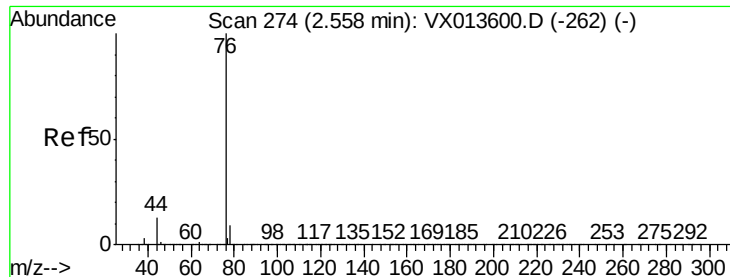
Tgt Ion: 43 Resp: 720193

Ion Ratio Lower Upper

43 100

58 31.1 24.6 36.8





#17

Carbon Disulfide

Concen: 43.482 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

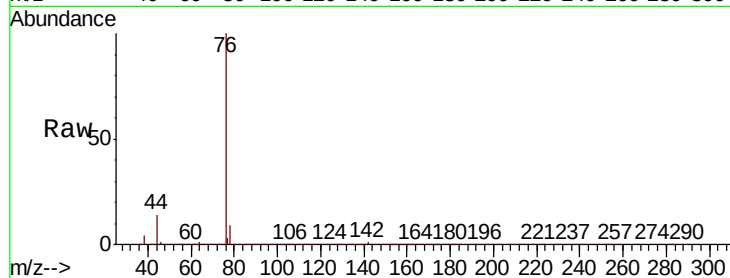
RE131D2-20191204MS

Tot Ion: 76 Resp: 634535

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

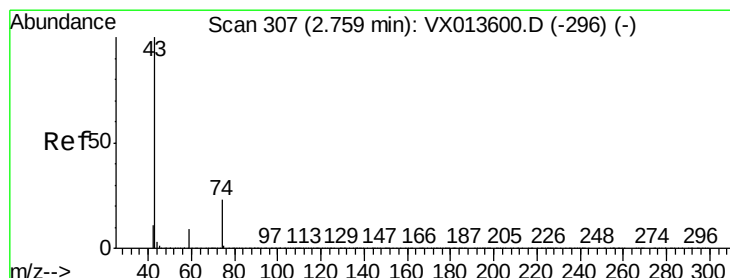
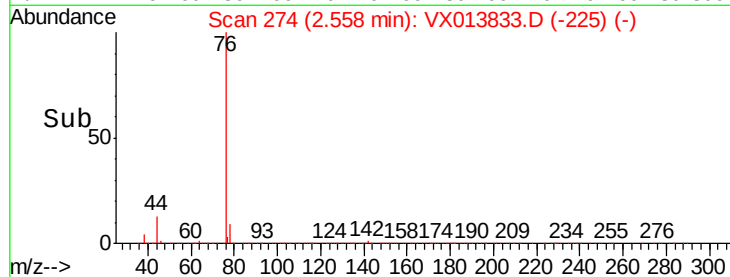
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.919 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013833.D

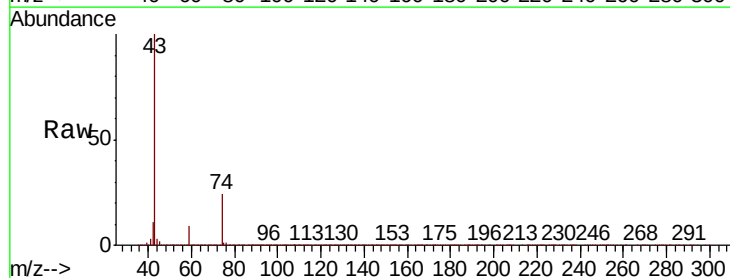
Acq: 07 Dec 2019 05:04

Tgt Ion: 43 Resp: 419927

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

150000

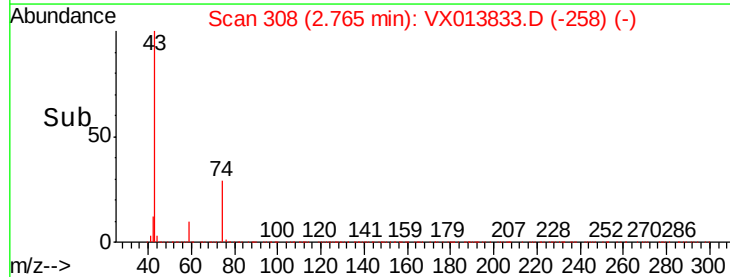
100000

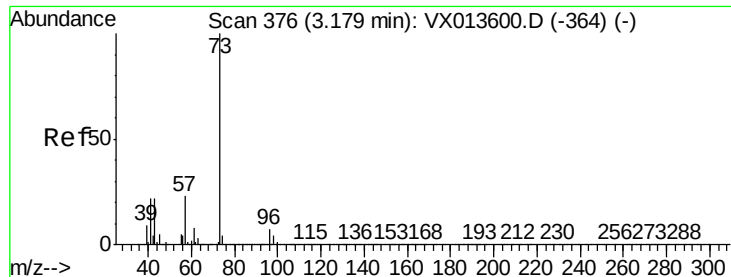
50000

0

Time-->

2.70 2.80 2.90



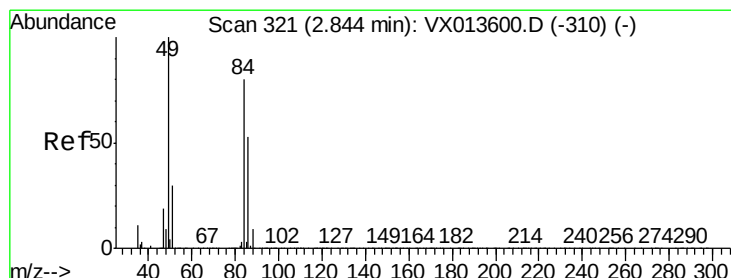
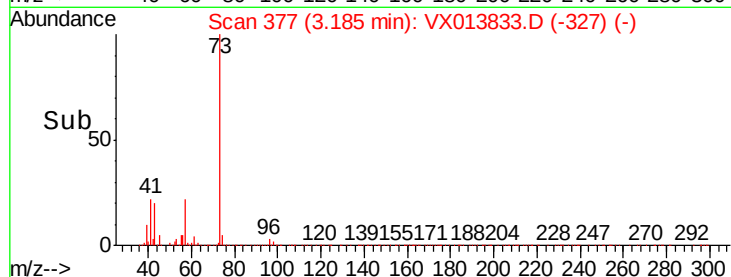
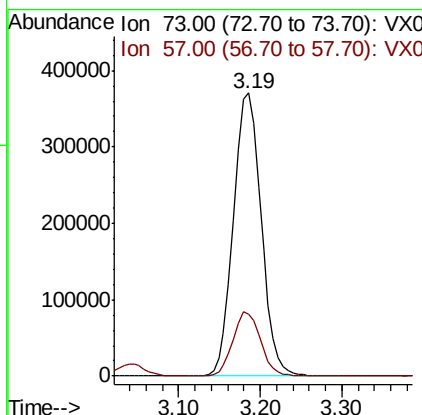
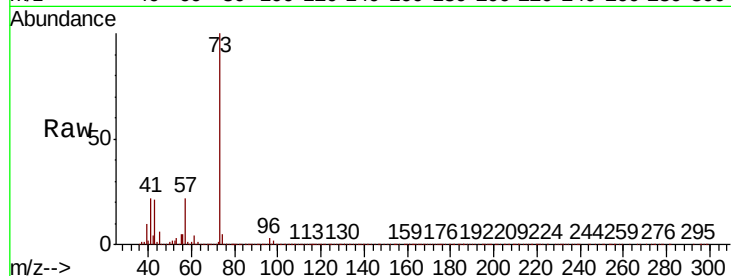


#19

Methyl tert-butyl Ether
 Concen: 51.414 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

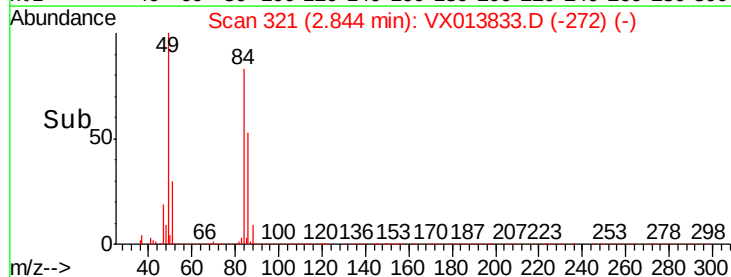
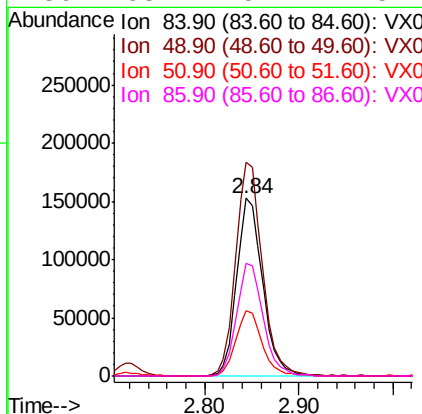
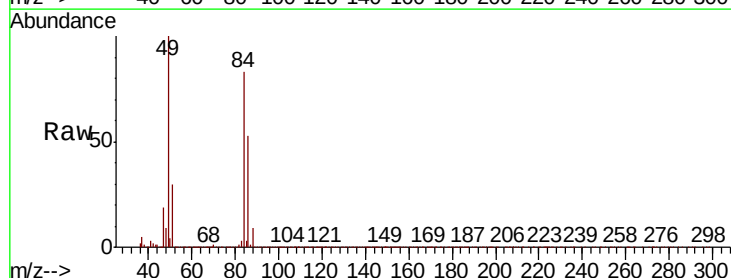
Tot Ion: 73 Resp: 871897
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.3 27.5

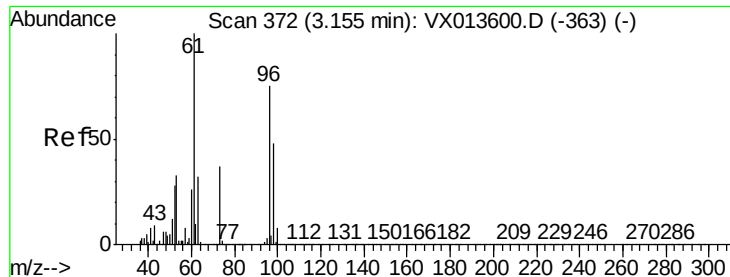


#20

Methylene Chloride
 Concen: 49.374 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 84 Resp: 292414
 Ion Ratio Lower Upper
 84 100
 49 120.0 99.7 149.5
 51 36.4 29.9 44.9
 86 63.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.737 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

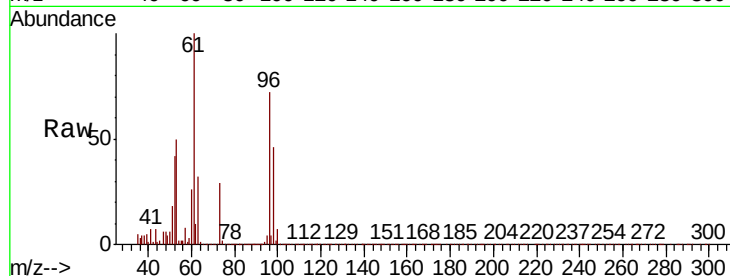
Tot Ion: 96 Resp: 271791

Ion Ratio Lower Upper

96 100

61 137.9 107.2 160.8

98 63.3 51.4 77.0

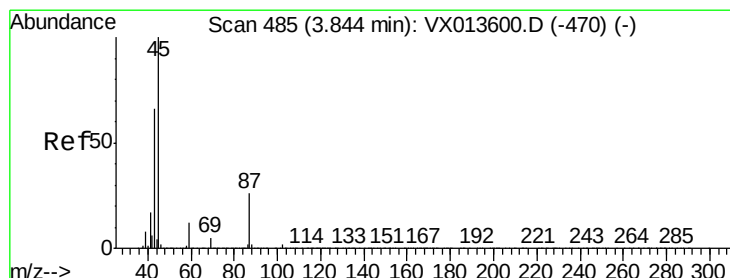
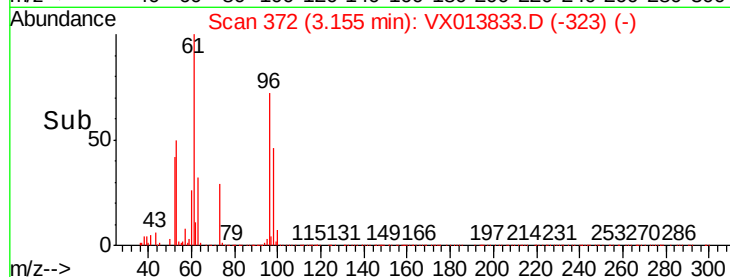
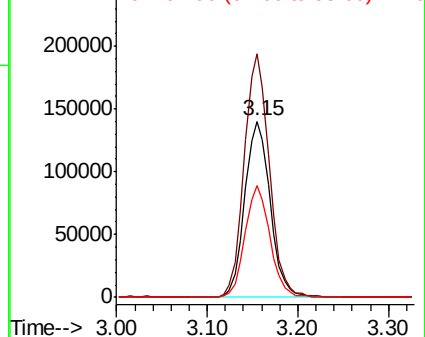


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.126 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion: 45 Resp: 932442

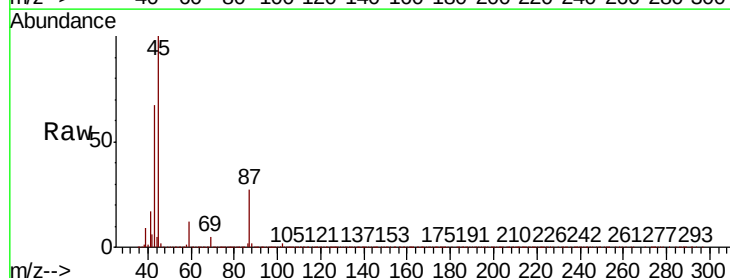
Ion Ratio Lower Upper

45 100

43 66.6 52.6 79.0

87 27.1 21.1 31.7

59 11.9 9.2 13.8



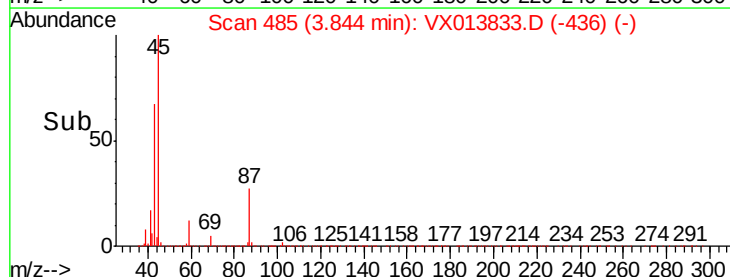
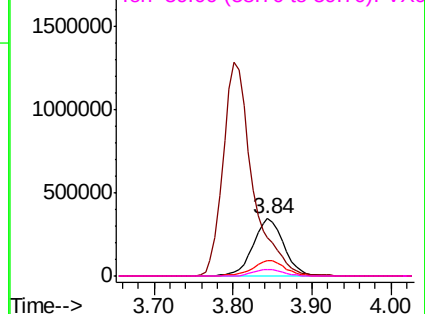
Abundance

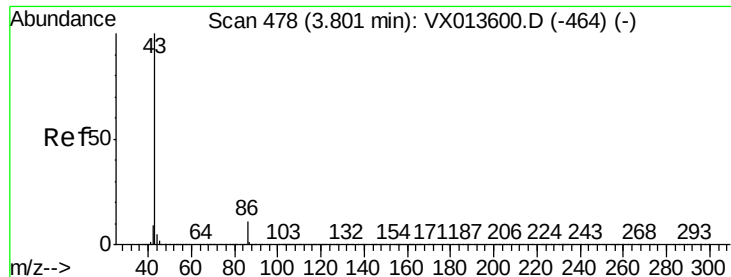
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 224.436 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

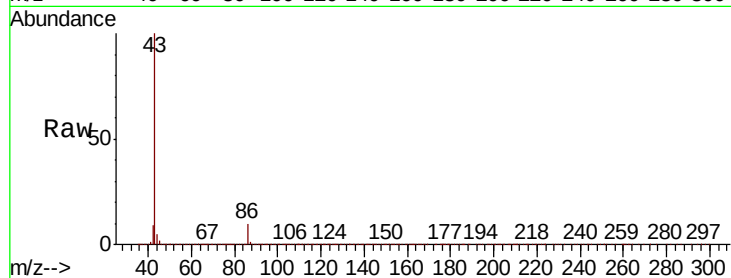
RE131D2-20191204MS

Tot Ion: 43 Resp: 3339842

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

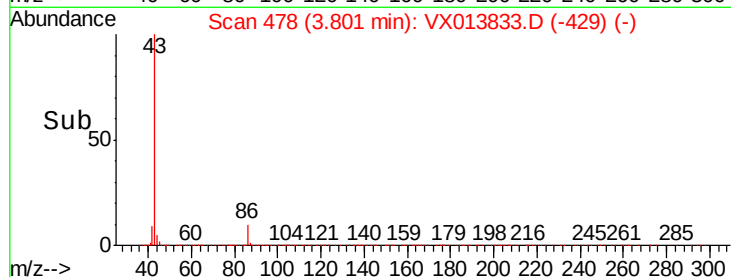
1500000

1000000

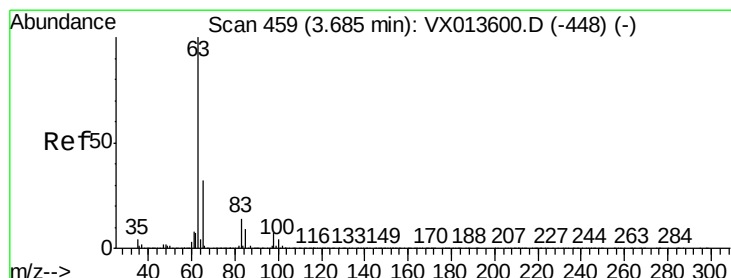
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 51.933 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

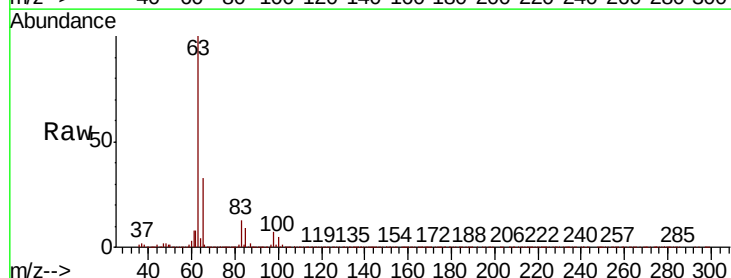
Tgt Ion: 63 Resp: 507840

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

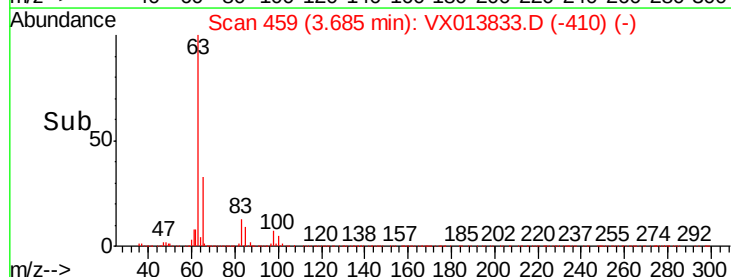
150000

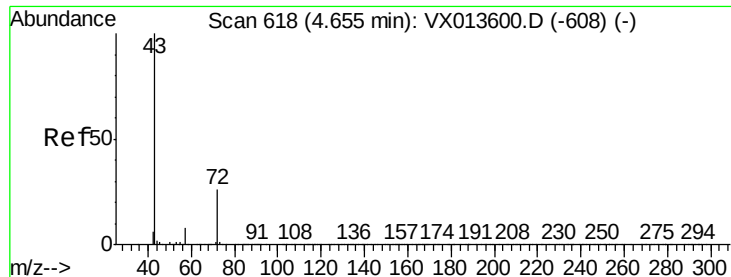
100000

50000

0

Time-->





#25

2-Butanone

Concen: 254.488 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

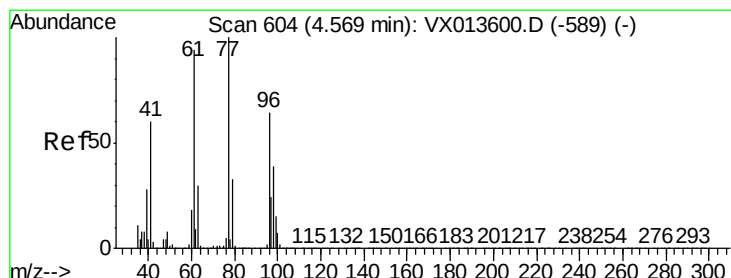
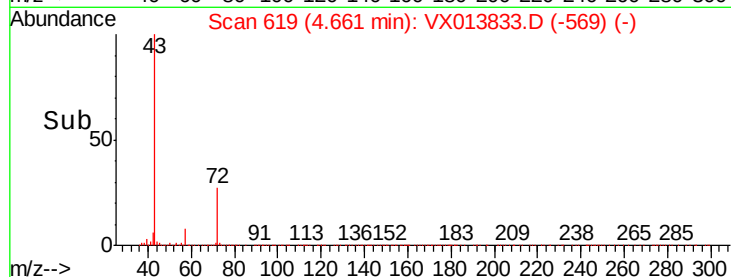
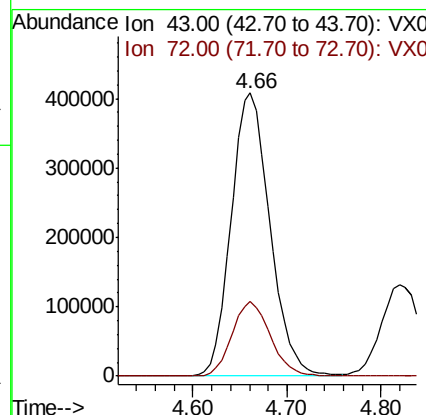
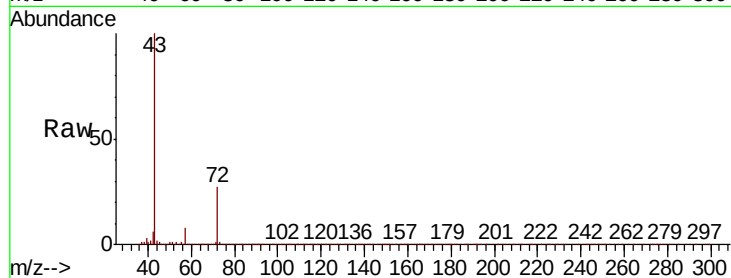
RE131D2-20191204MS

Tot Ion: 43 Resp: 1165934

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 32.437 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013833.D

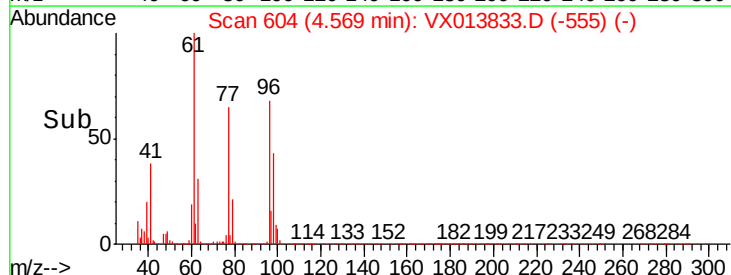
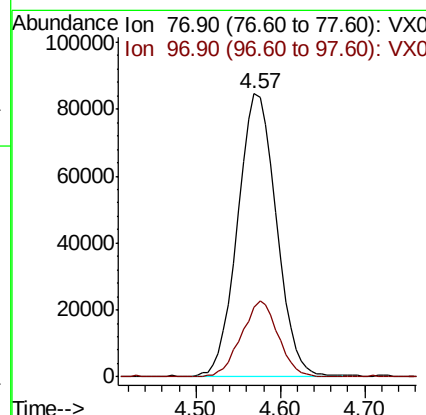
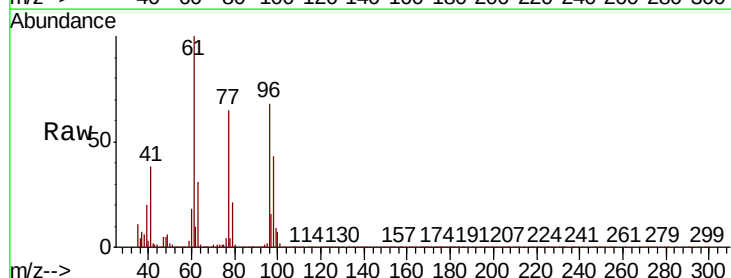
Acq: 07 Dec 2019 05:04

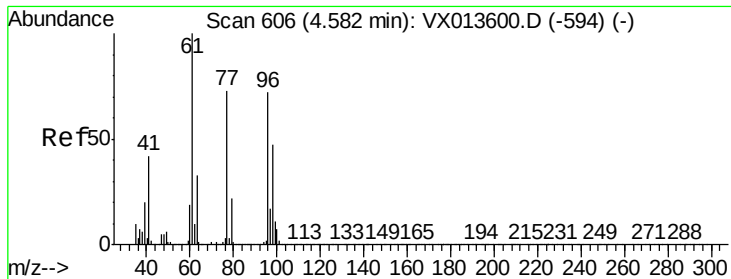
Tgt Ion: 77 Resp: 262441

Ion Ratio Lower Upper

77 100

97 25.9 12.0 36.1



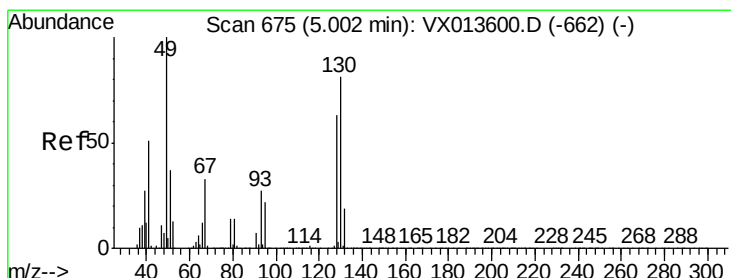
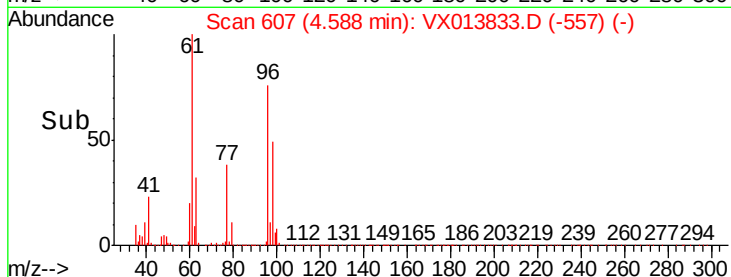
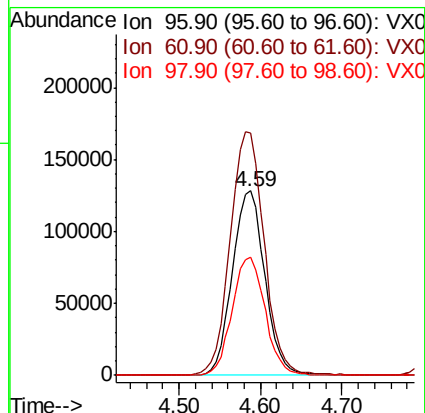
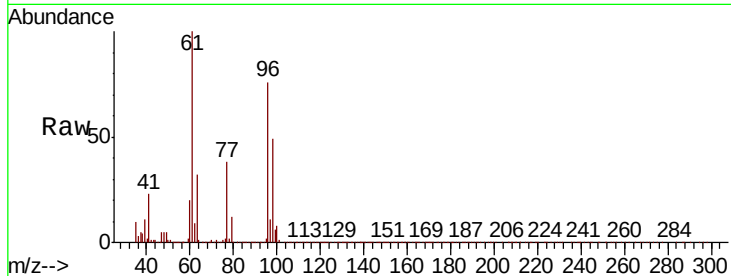


#27

cis-1,2-Dichloroethene
Concen: 54.921 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

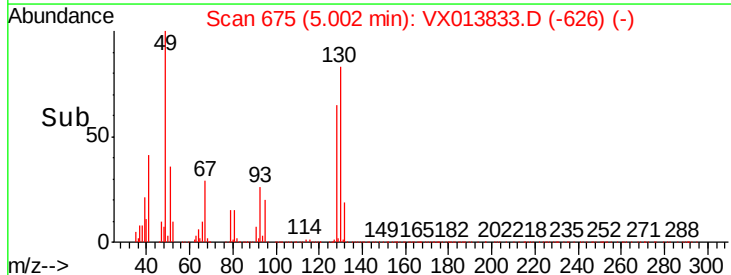
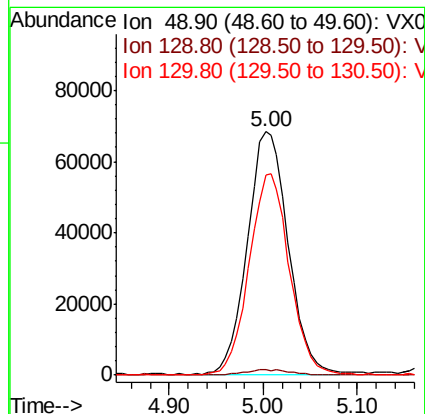
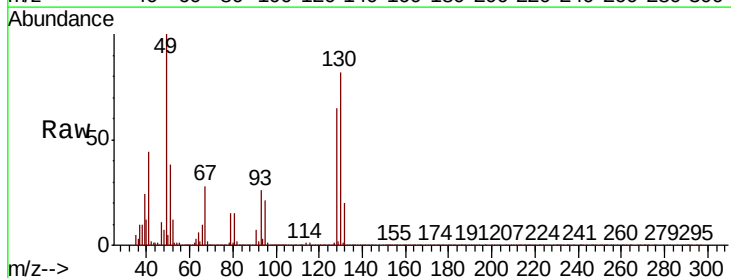
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	286.4
98	64.7	0.0	127.4

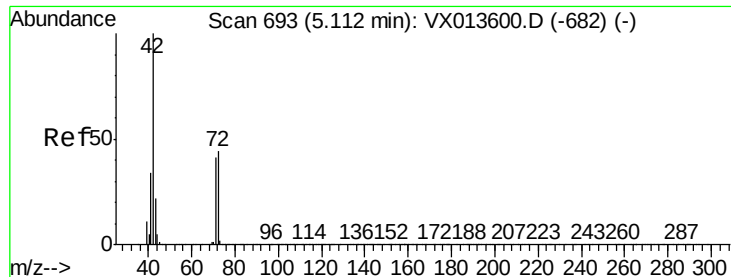


#28

Bromochloromethane
Concen: 54.074 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	80.8	65.4	98.0





#29

Tetrahydrofuran

Concen: 262.870 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

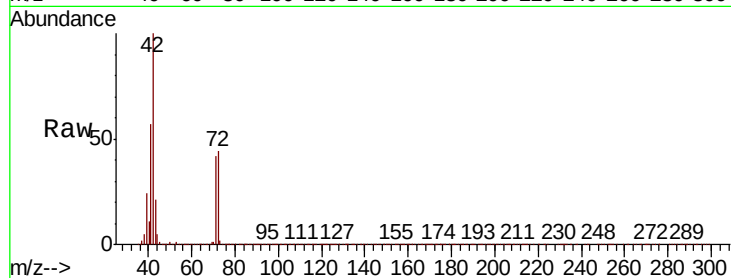
Tot Ion: 42 Resp: 742434

Ion Ratio Lower Upper

42 100

72 45.1 36.3 54.5

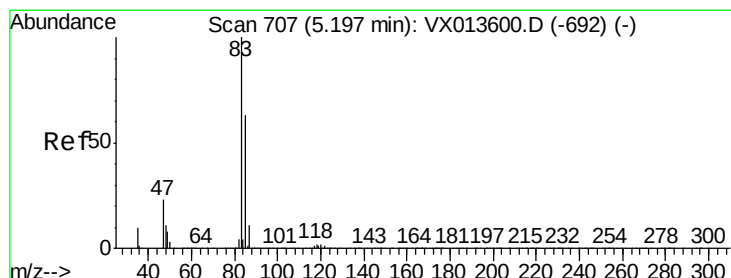
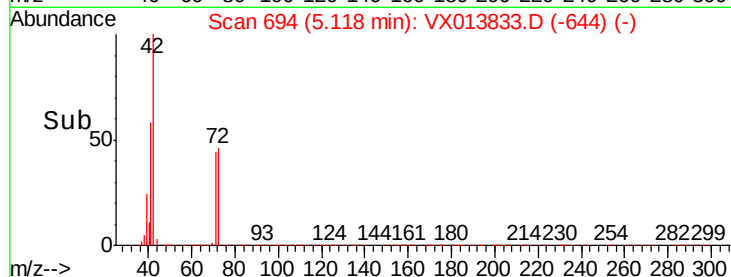
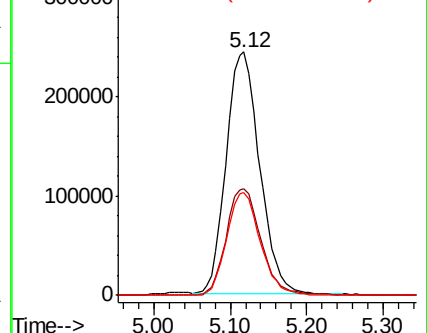
71 42.7 33.2 49.8



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: 50.002 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013833.D

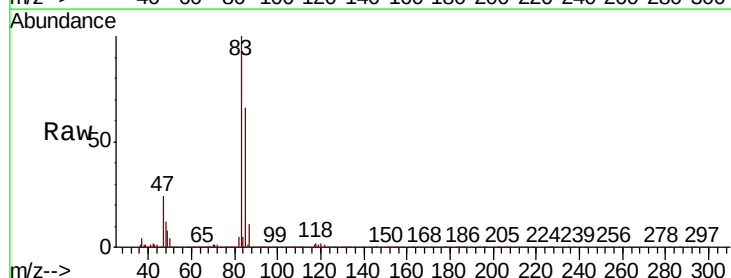
Acq: 07 Dec 2019 05:04

Tgt Ion: 83 Resp: 495884

Ion Ratio Lower Upper

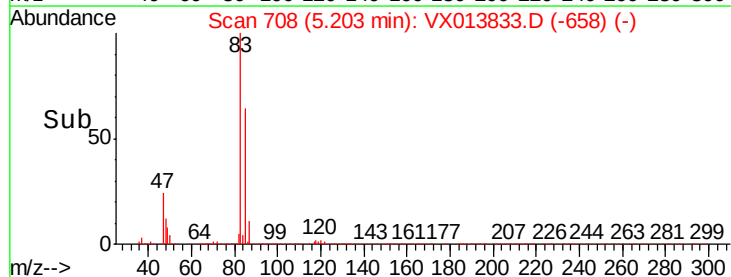
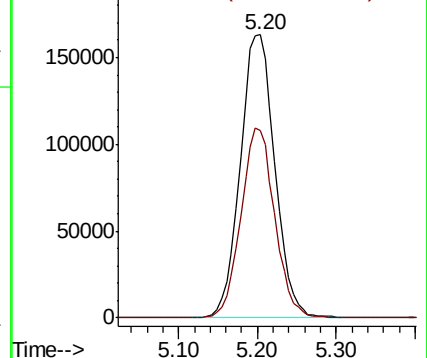
83 100

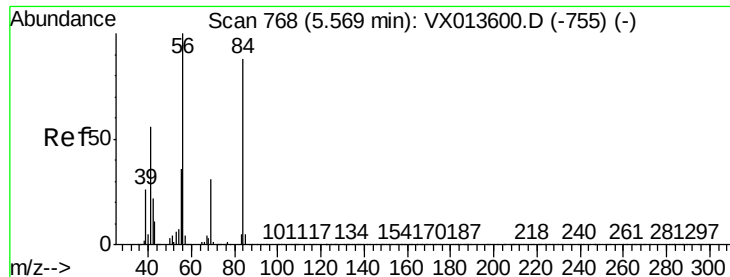
85 65.9 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

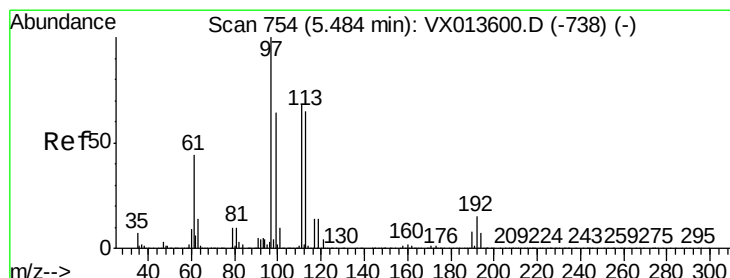
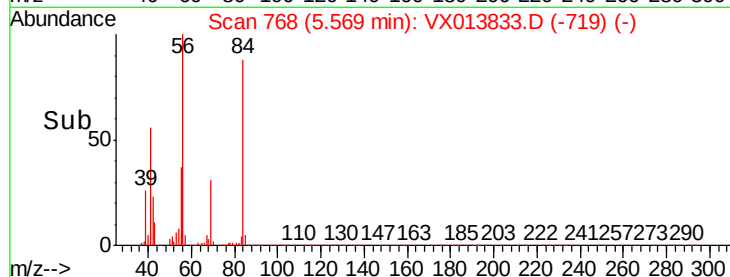
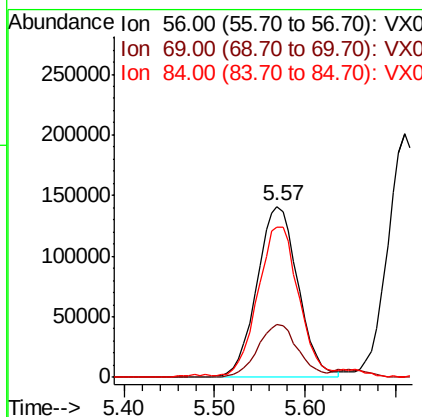
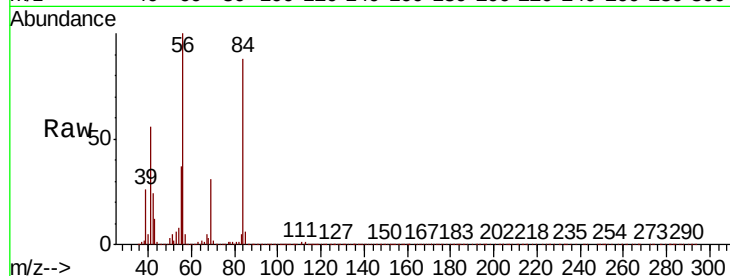




#31
Cyclohexane
Concen: 47.823 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

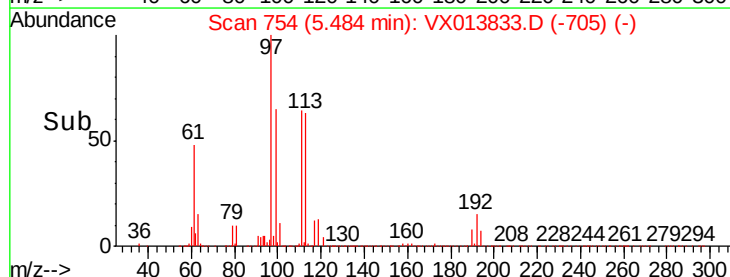
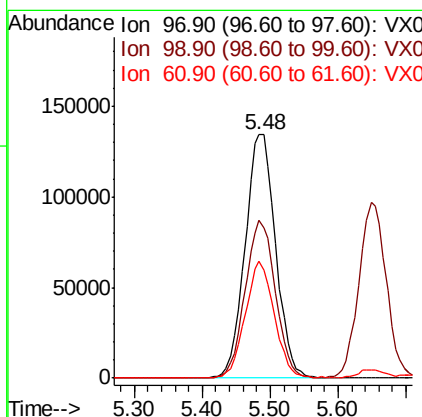
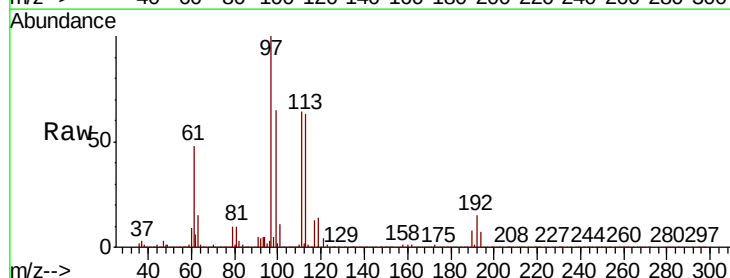
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

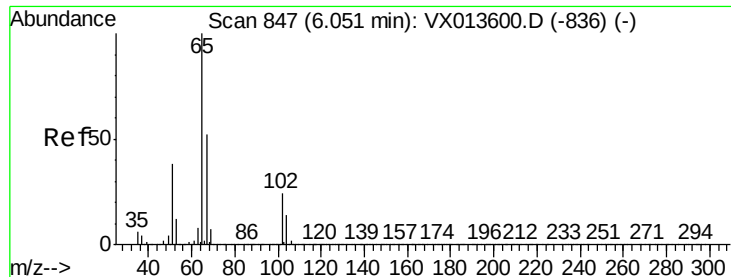
Tot Ion: 56 Resp: 441087
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 86.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.467 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 97 Resp: 418240
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 45.2 36.1 54.1

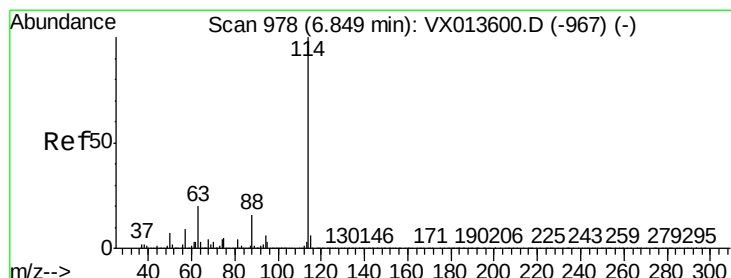
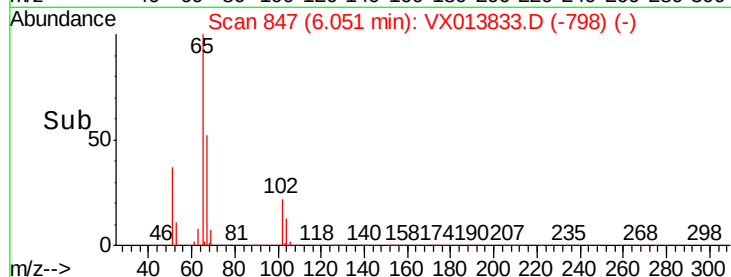
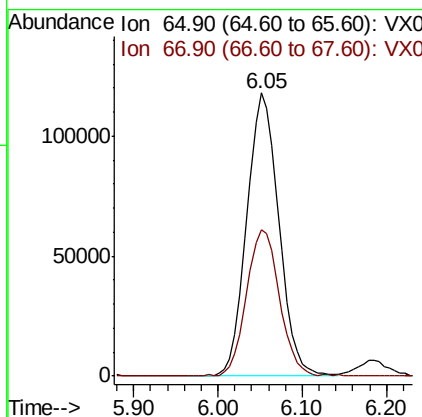
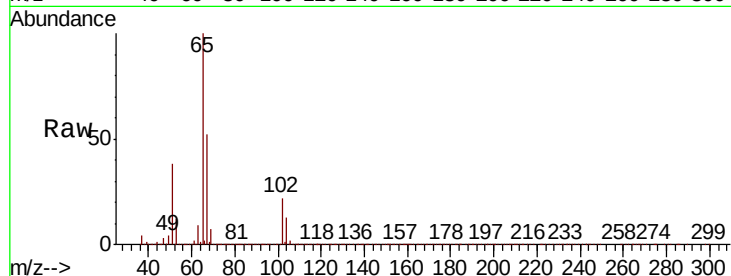




#33
 1,2-Dichloroethane-d4
 Concen: 48.661 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

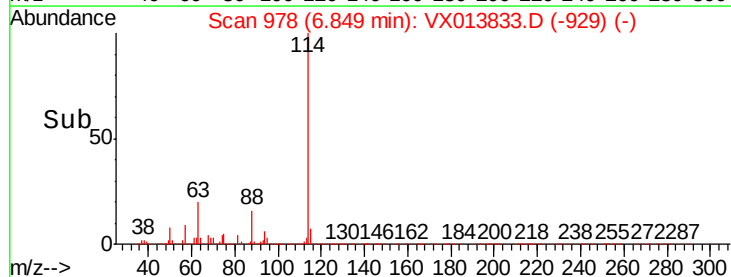
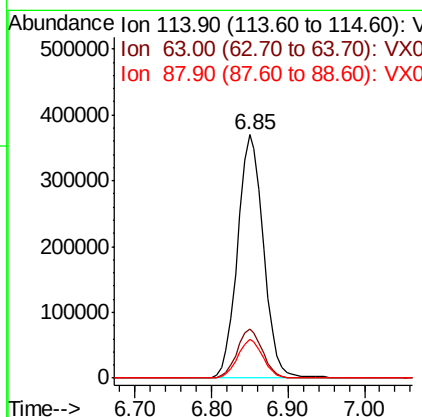
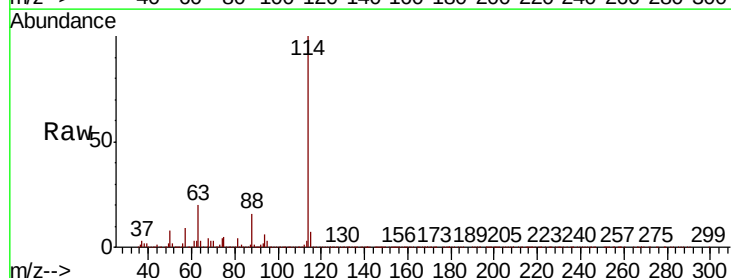
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

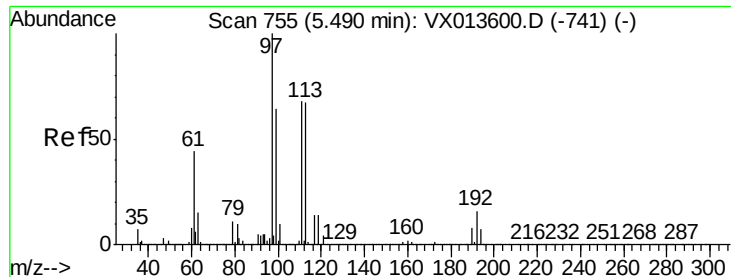
Tot Ion: 65 Resp: 303835
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 114 Resp: 866613
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.082 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

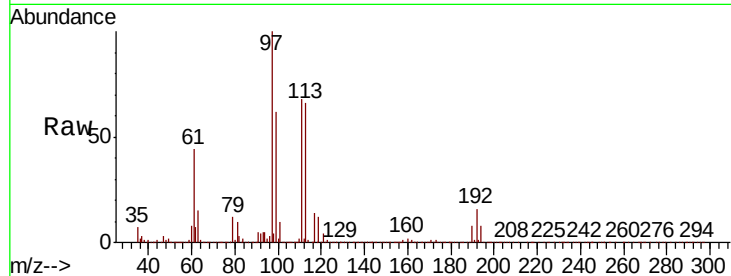
Tot Ion:113 Resp: 252242

Ion Ratio Lower Upper

113 100

111 103.5 83.6 125.4

192 24.0 19.2 28.8

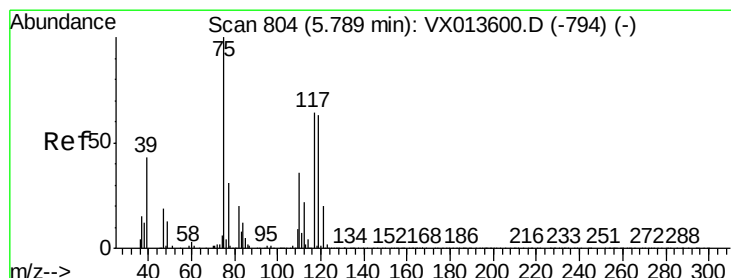
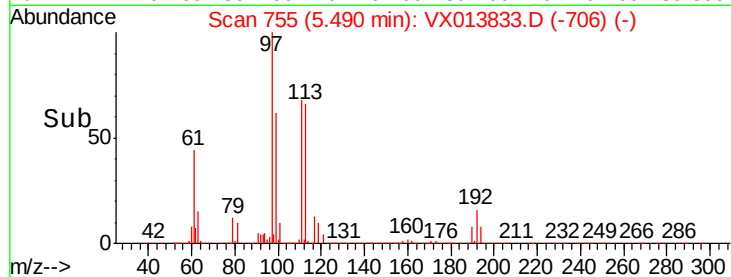
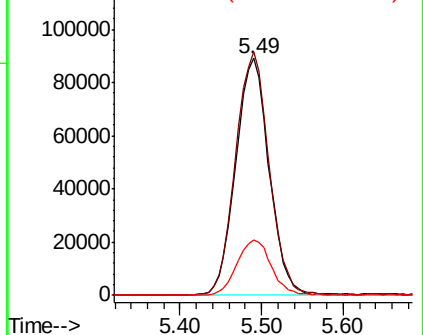


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.567 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

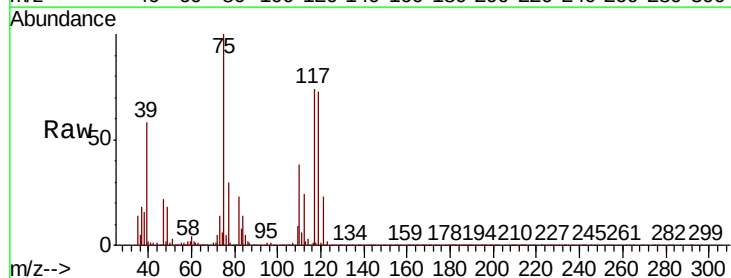
Tgt Ion: 75 Resp: 358465

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

77 30.9 24.5 36.7

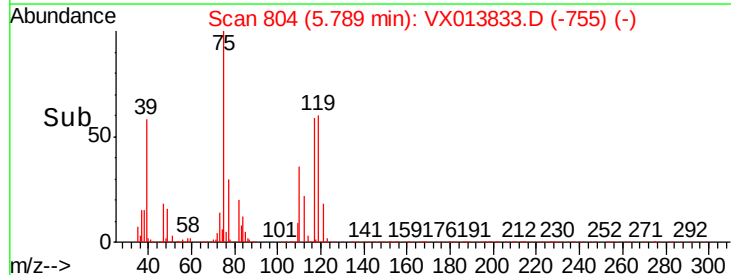
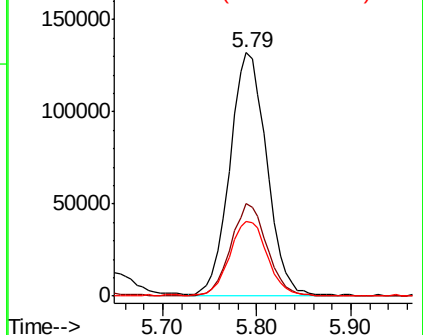


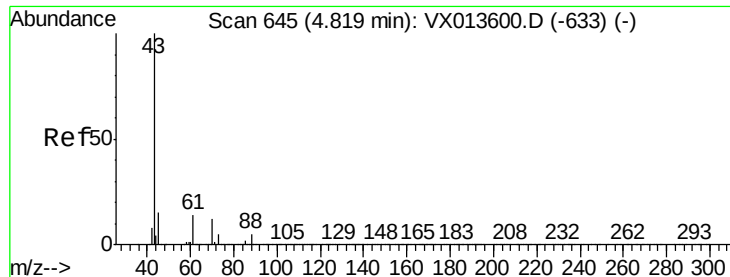
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

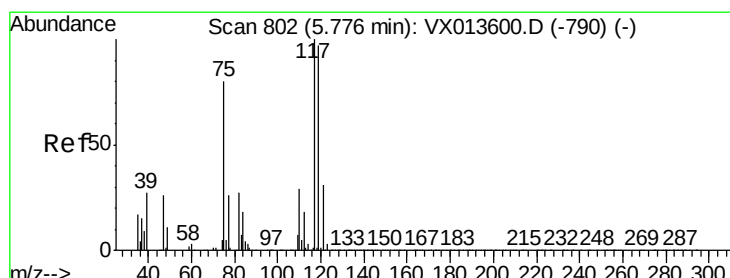
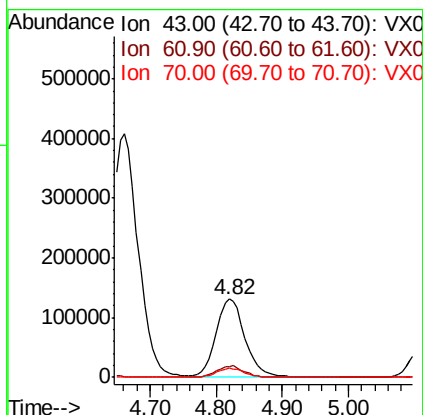
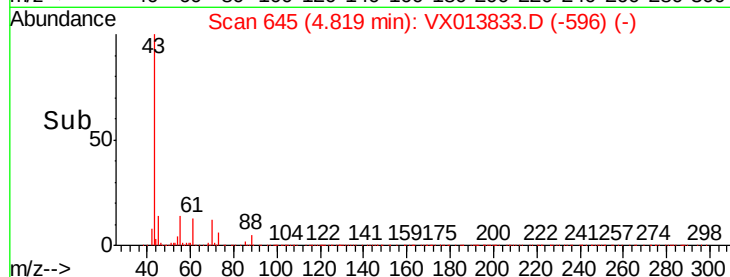
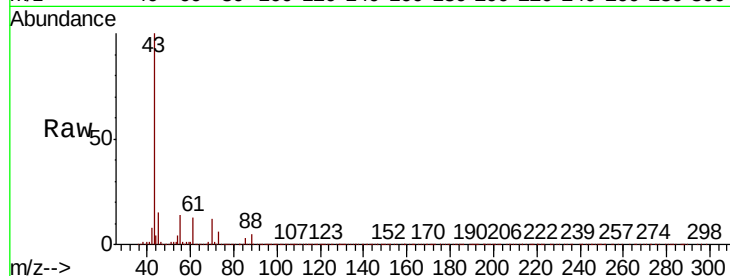




#37
Ethyl Acetate
Concen: 44.955 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

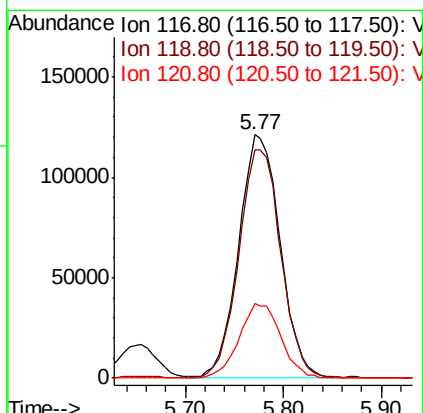
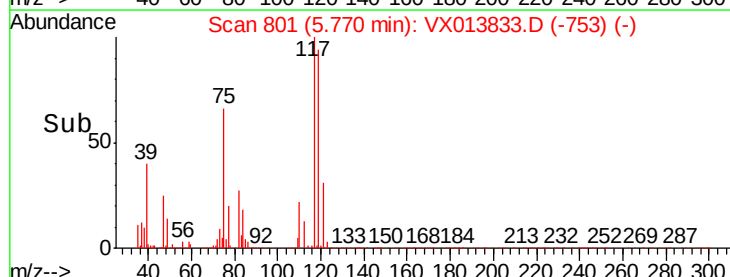
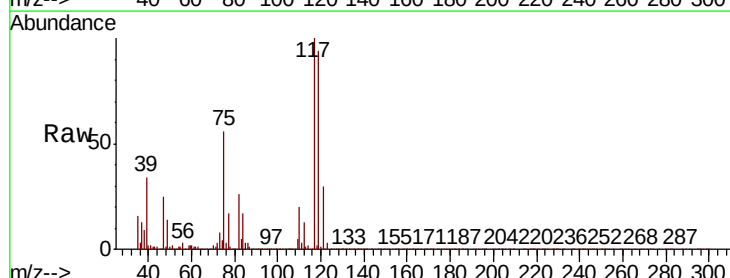
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

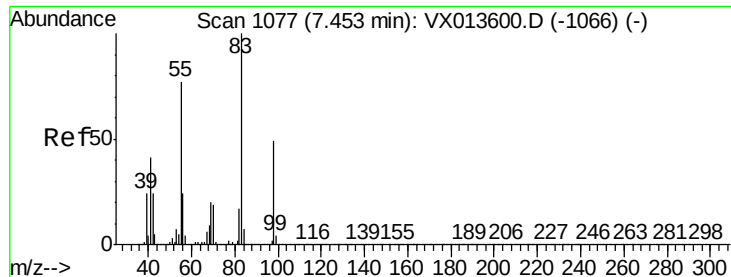
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	11.3	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.818 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
121	30.4	25.0	37.6

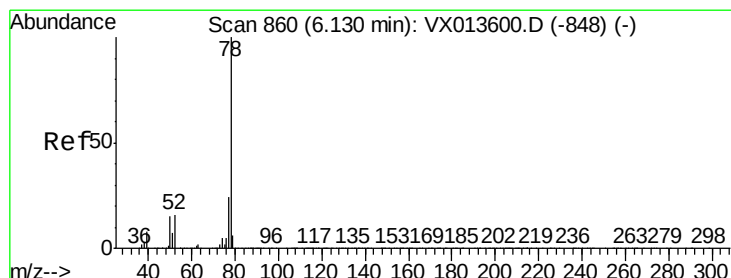
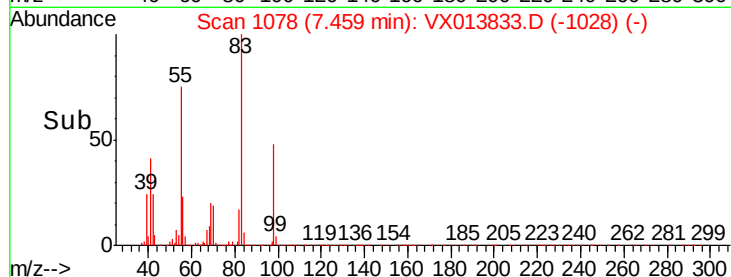
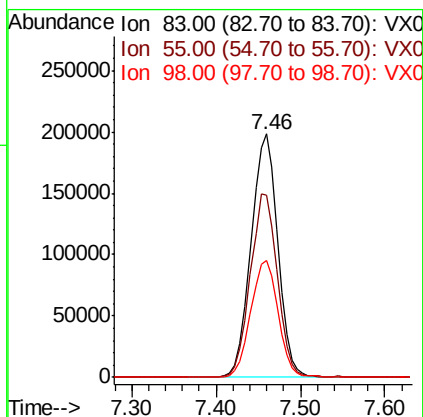
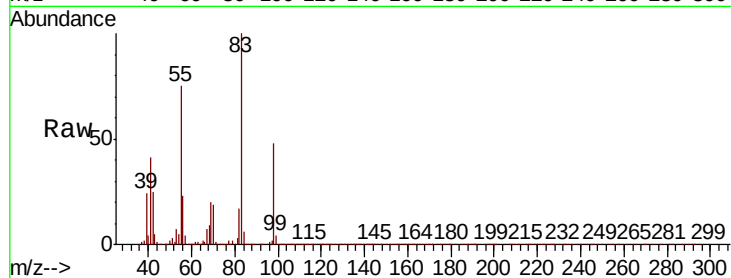




#39
Methvlcvclohexane
Concen: 43.817 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

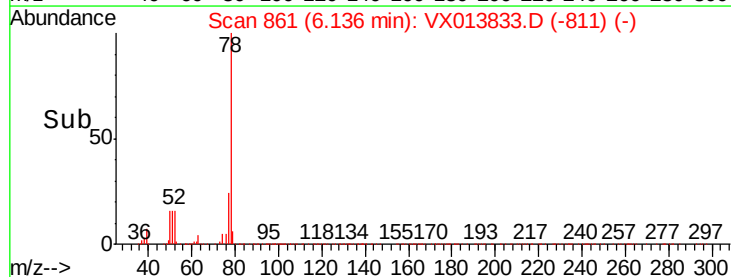
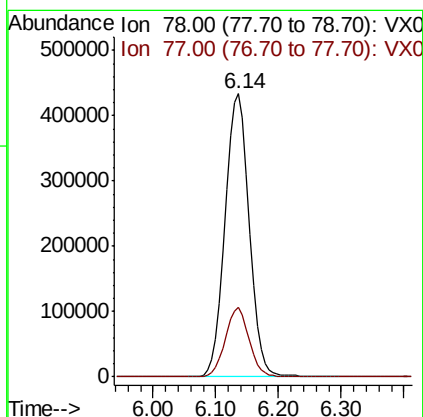
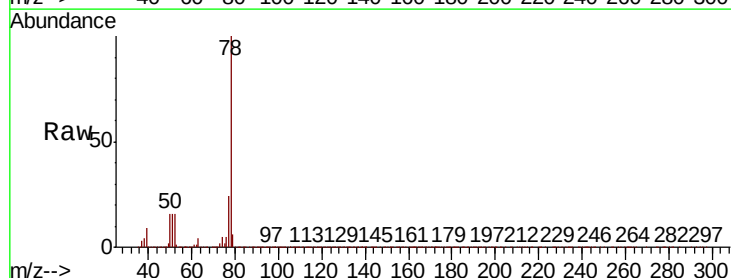
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

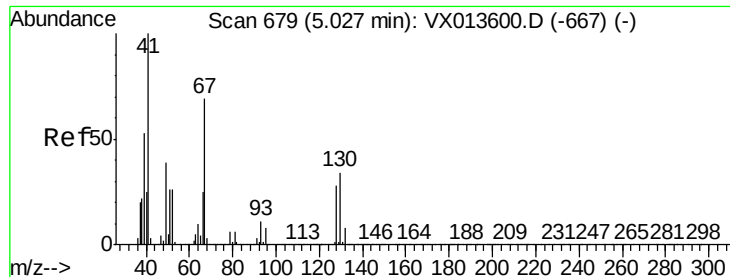
Tot Ion	83	Resp	426073
Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.9	92.9
98	48.1	39.4	59.0



#40
Benzene
Concen: 48.168 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	78	Resp	1154069
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4

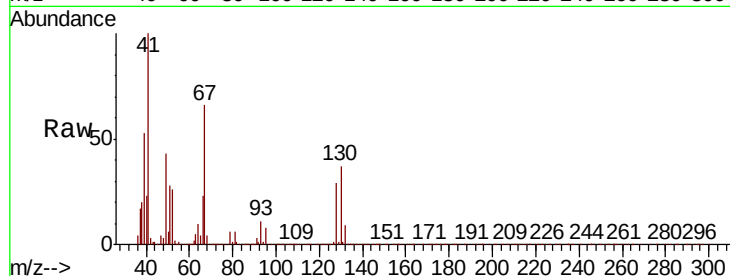




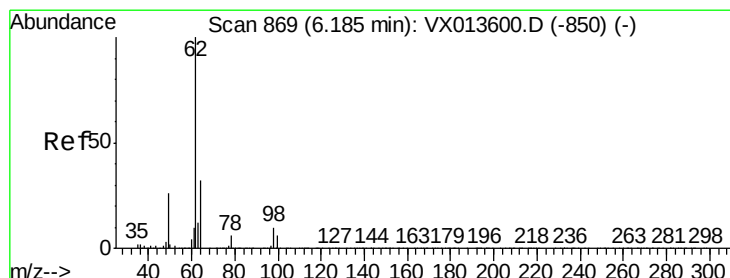
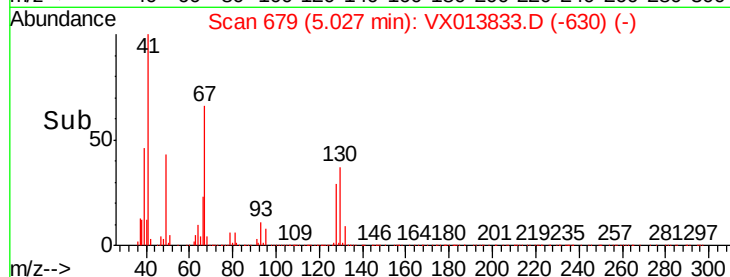
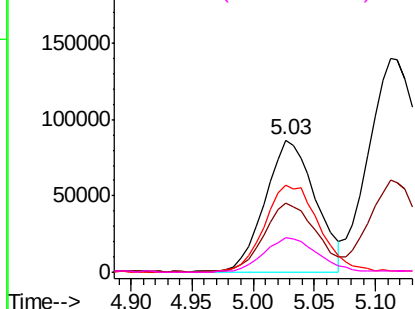
#41
Methacrylonitrile
Concen: 50.971 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion:	41	Resp:	246693
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.9	64.3
67	71.8	57.4	86.0
52	27.6	22.4	33.6

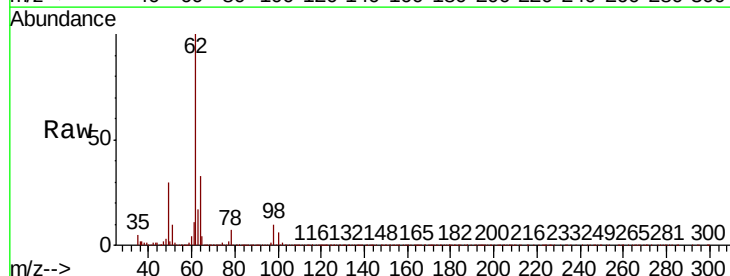


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

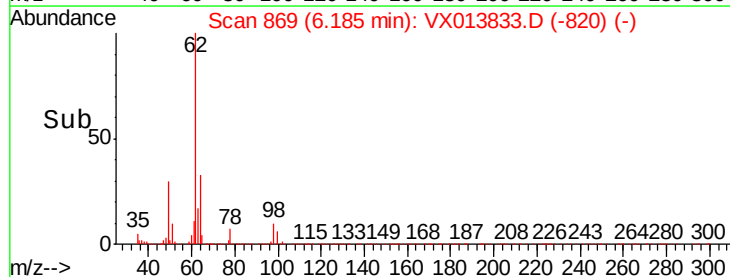
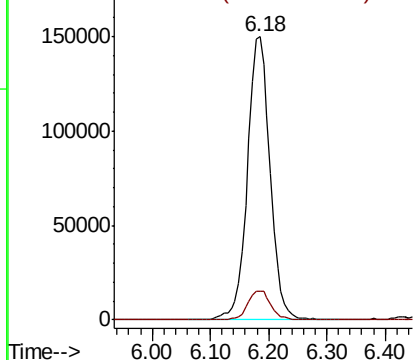


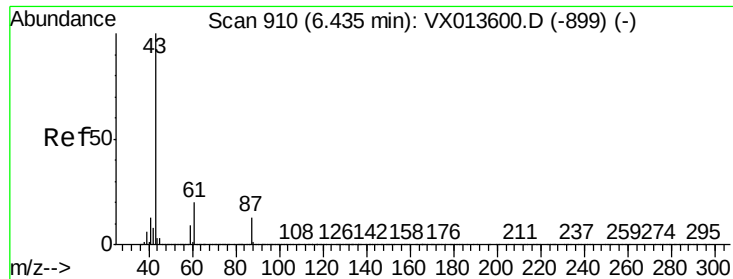
#42
1,2-Dichloroethane
Concen: 48.961 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion:	62	Resp:	400067
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 45.987 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

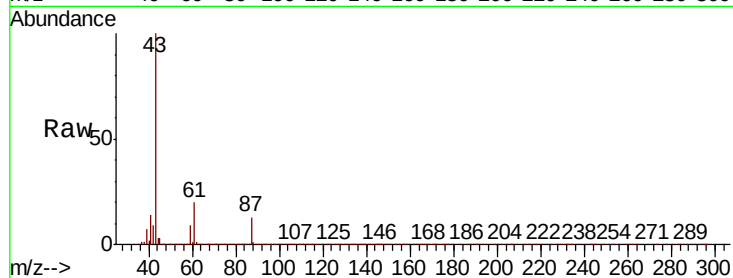
Tot Ion: 43 Resp: 668148

Ion Ratio Lower Upper

43 100

61 20.1 16.3 24.5

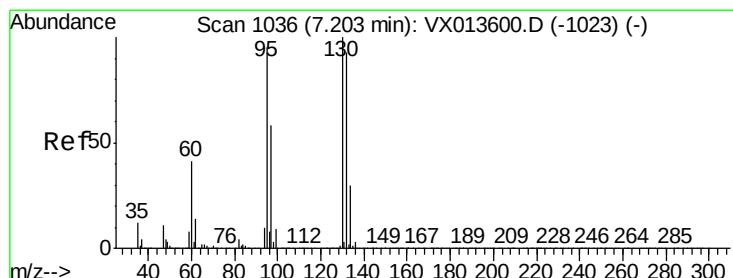
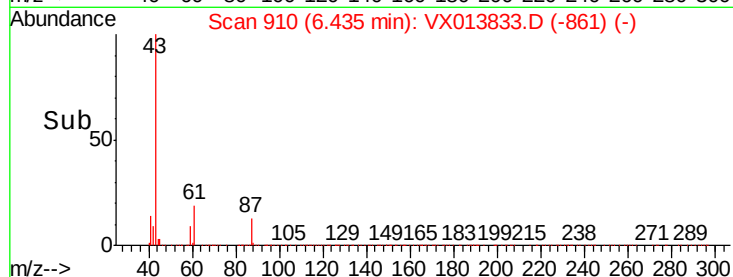
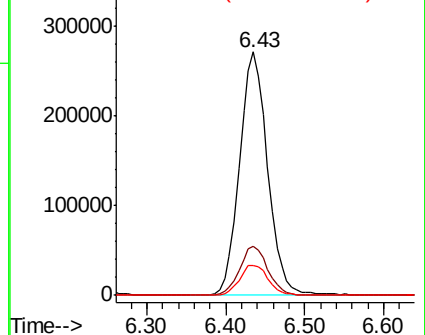
87 12.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 158.086 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013833.D

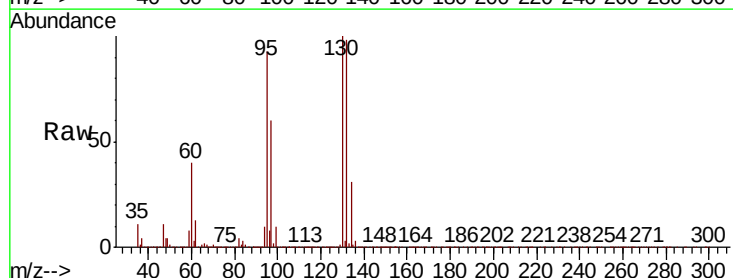
Acq: 07 Dec 2019 05:04

Tgt Ion:130 Resp: 1039501

Ion Ratio Lower Upper

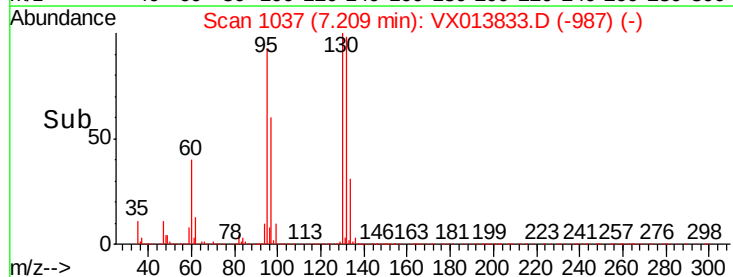
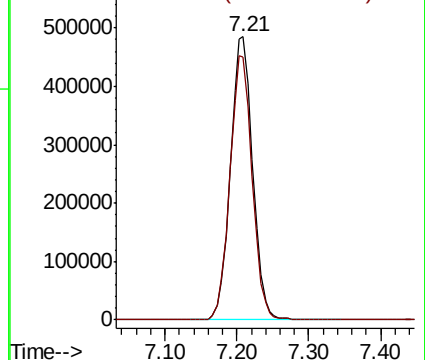
130 100

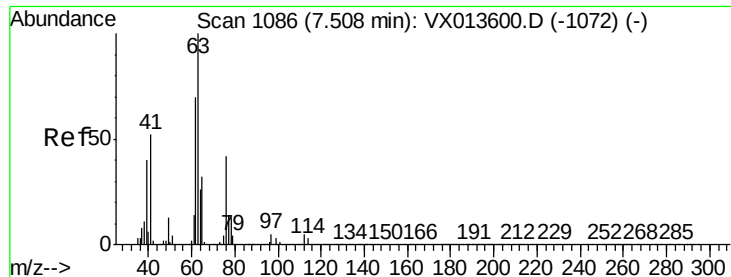
95 93.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

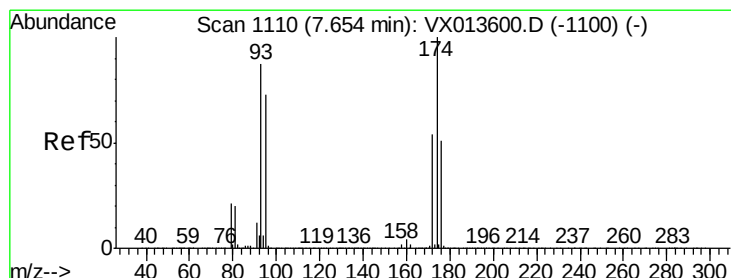
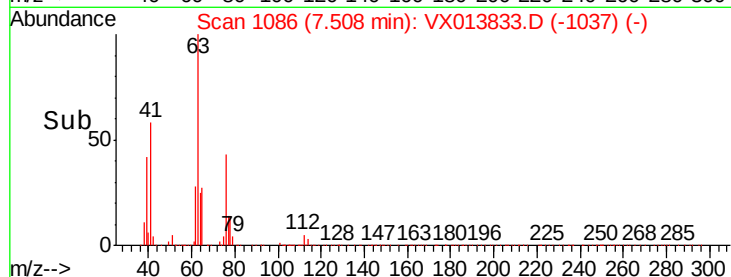
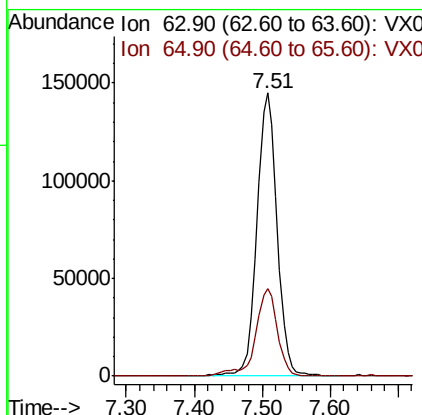
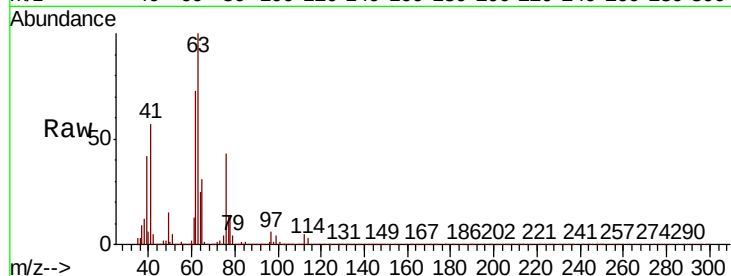




#45
 1,2-Dichloropropane
 Concen: 49.774 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

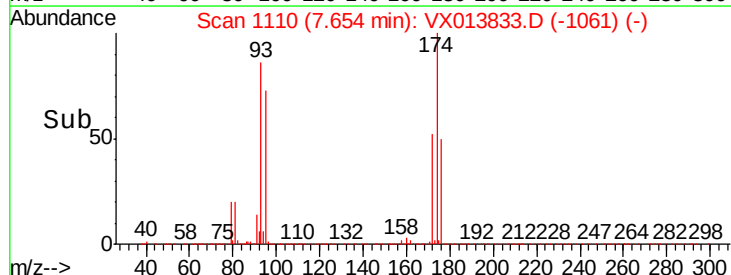
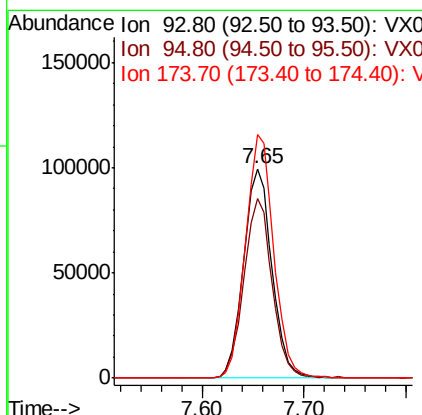
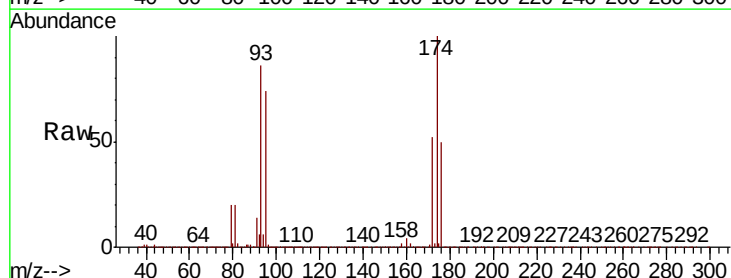
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

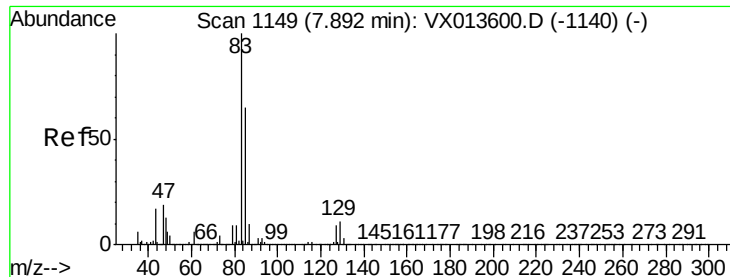
Tot Ion: 63 Resp: 298374
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.5 38.3



#46
 Dibromomethane
 Concen: 47.475 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 93 Resp: 193289
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.2 99.2
 174 115.8 93.4 140.0





#47

Bromodichloromethane

Concen: 49.555 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

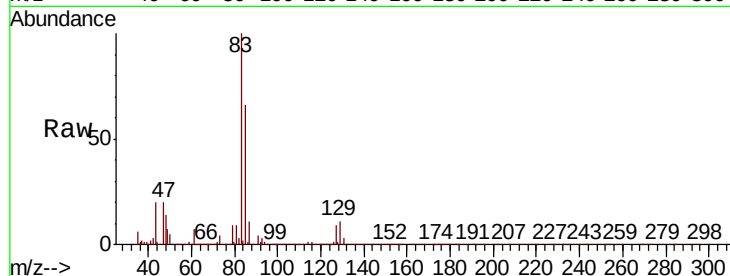
Tot Ion: 83 Resp: 381412

Ion Ratio Lower Upper

83 100

85 65.7 52.1 78.1

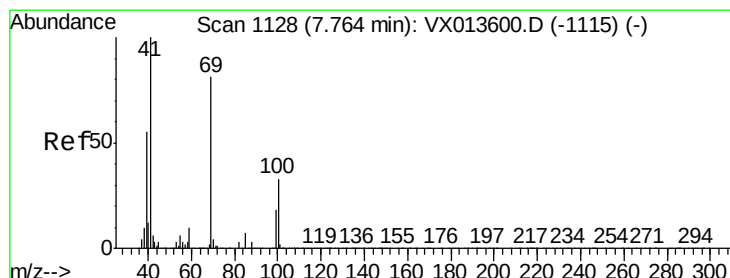
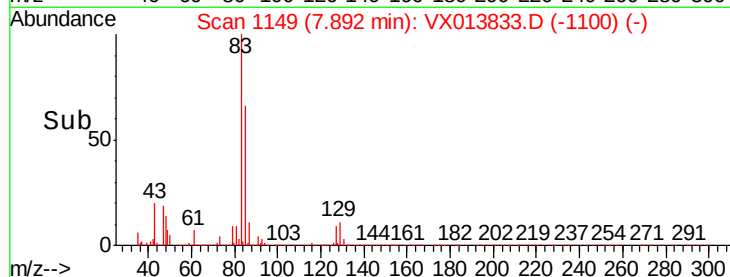
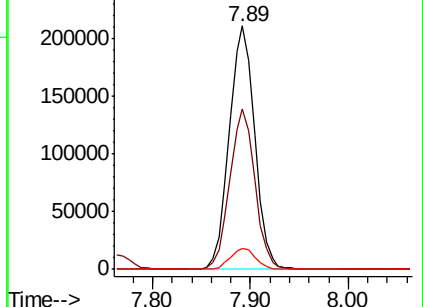
127 8.7 7.0 10.4



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: 50.088 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

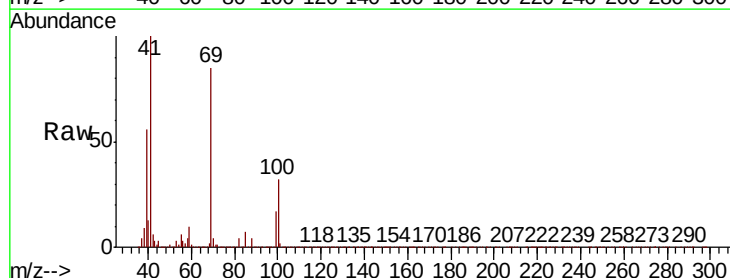
Tgt Ion: 41 Resp: 353586

Ion Ratio Lower Upper

41 100

69 82.8 64.7 97.1

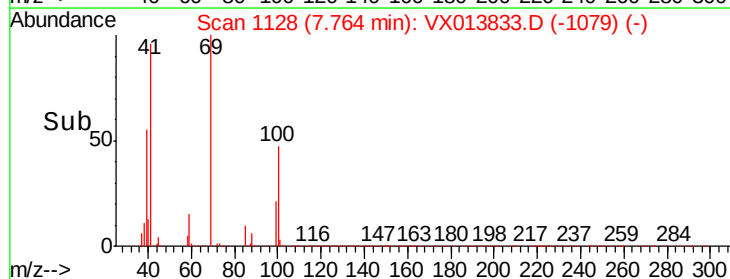
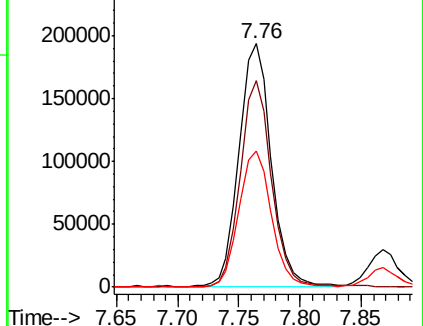
39 56.4 43.8 65.6

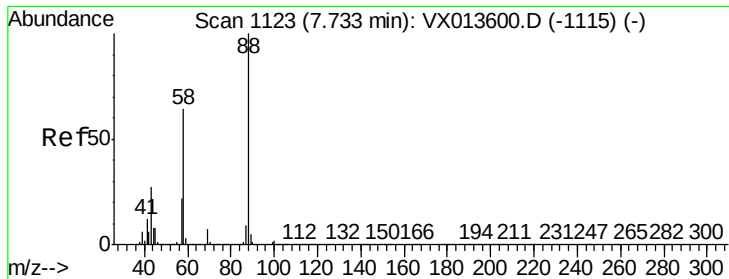


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1064.196 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

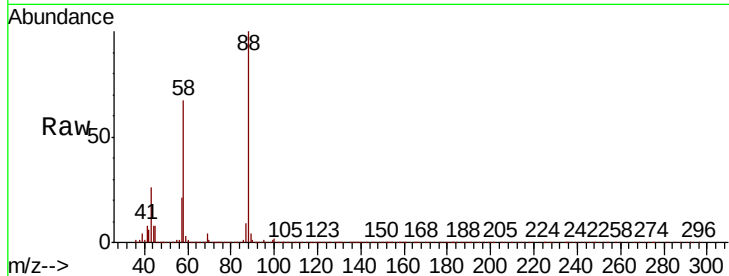
MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 88 Resp: 168159

Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.8	38.6
58	69.0	54.6	82.0

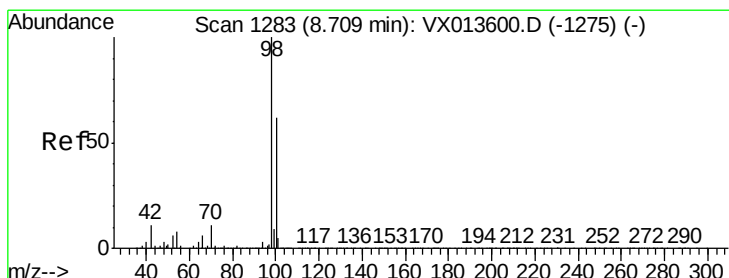
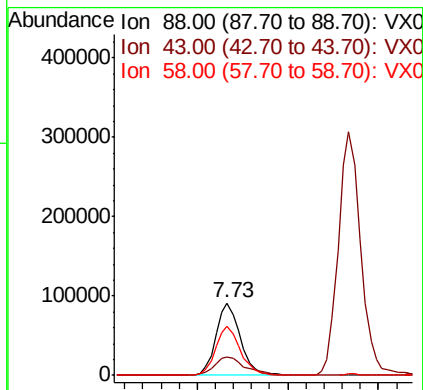
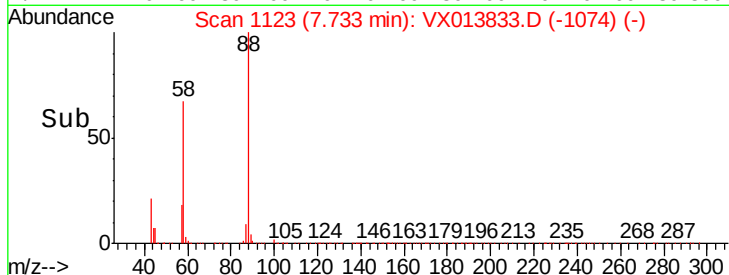


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.730 ug/l

RT: 8.71 min Scan# 1283

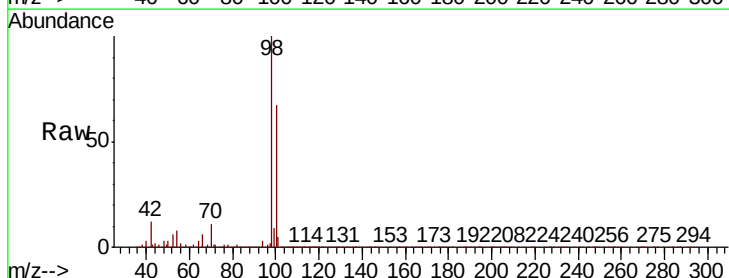
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion: 98 Resp: 954535

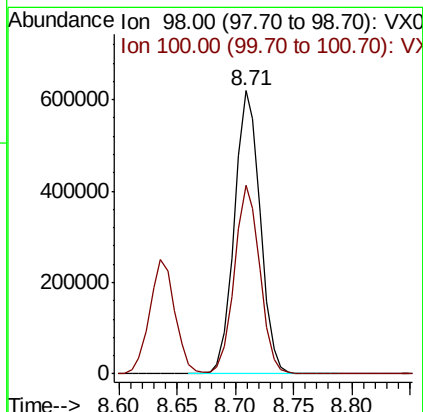
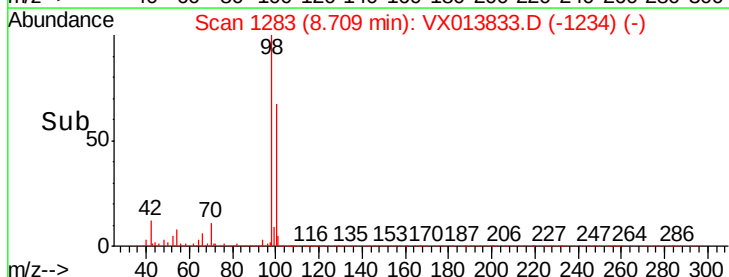
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

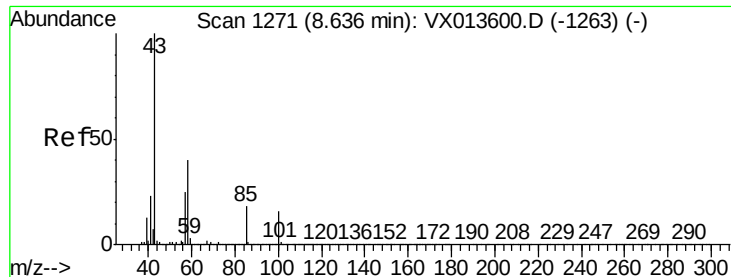


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 255.328 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

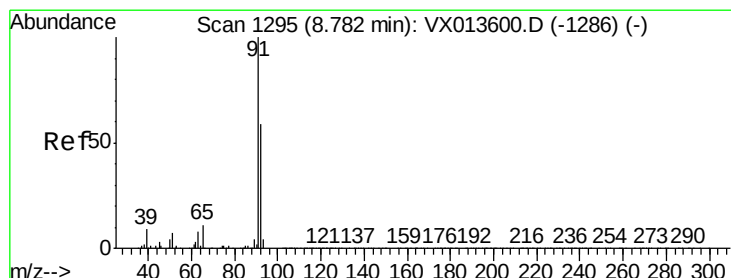
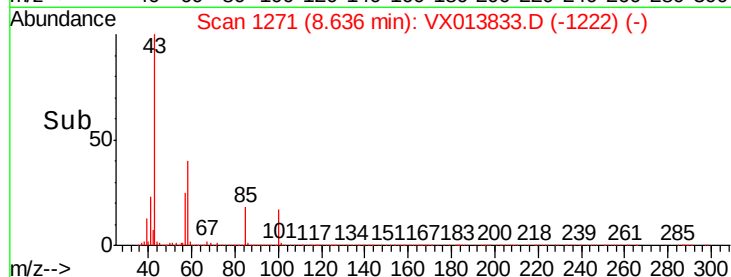
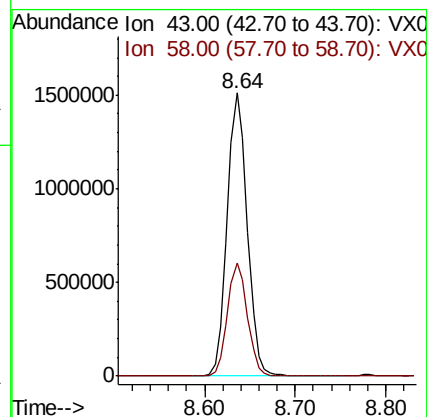
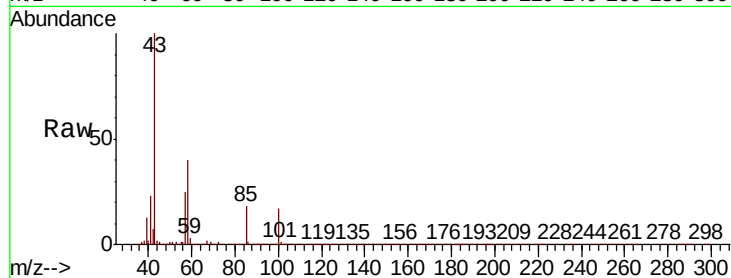
RE131D2-20191204MS

Tot Ion: 43 Resp: 2333479

Ion Ratio Lower Upper

43 100

58 39.7 32.1 48.1



#52

Toluene

Concen: 48.321 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013833.D

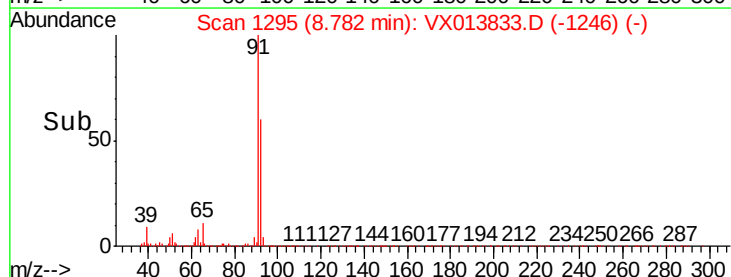
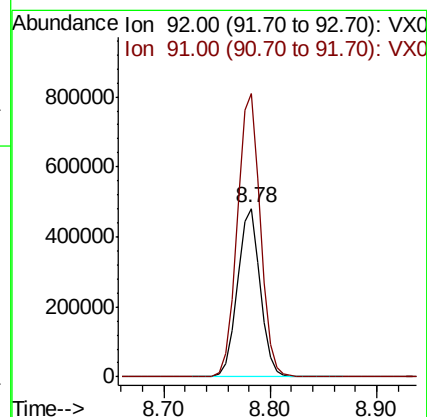
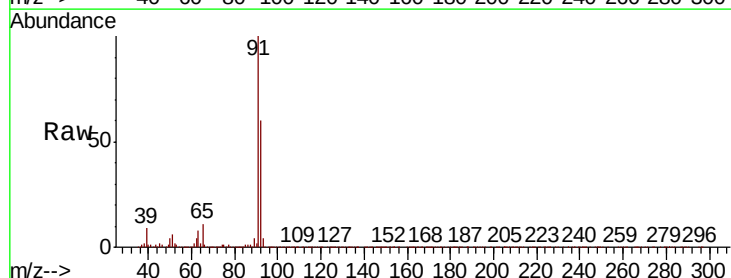
Acq: 07 Dec 2019 05:04

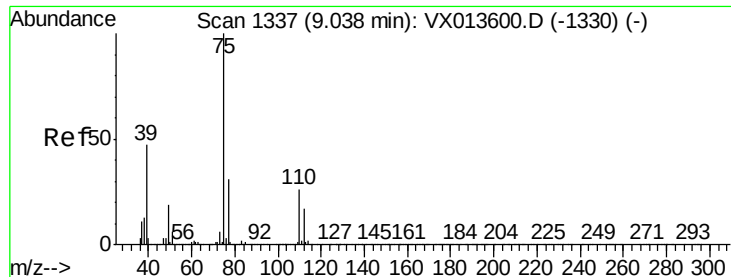
Tgt Ion: 92 Resp: 719235

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 45.052 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

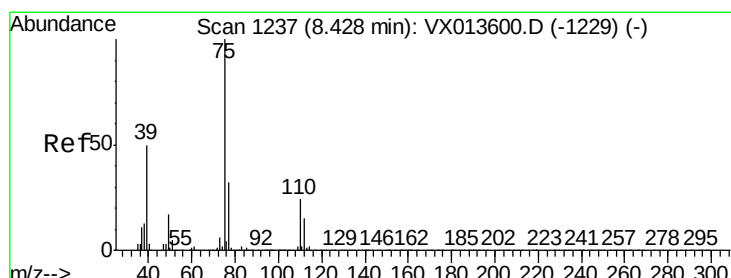
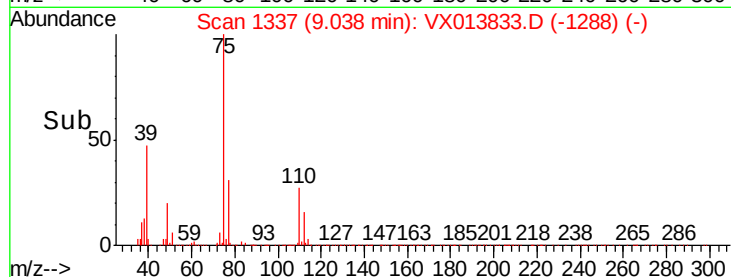
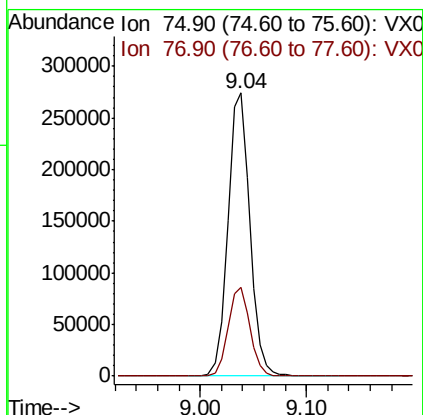
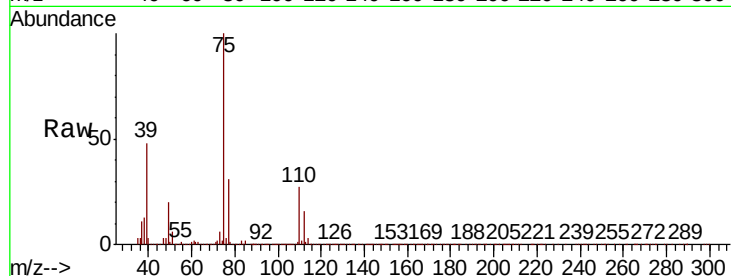
RE131D2-20191204MS

Tot Ion: 75 Resp: 394691

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 46.429 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

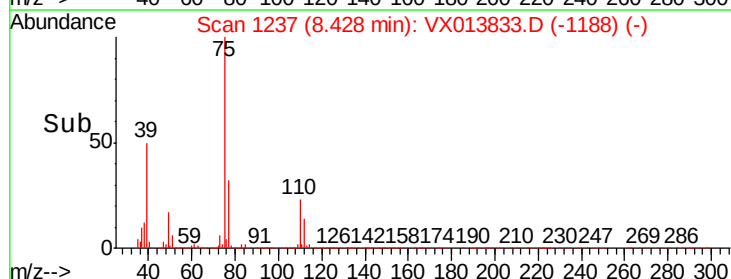
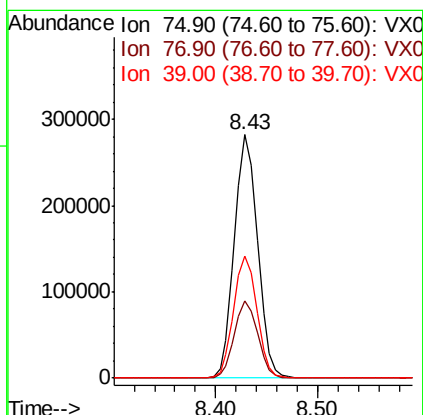
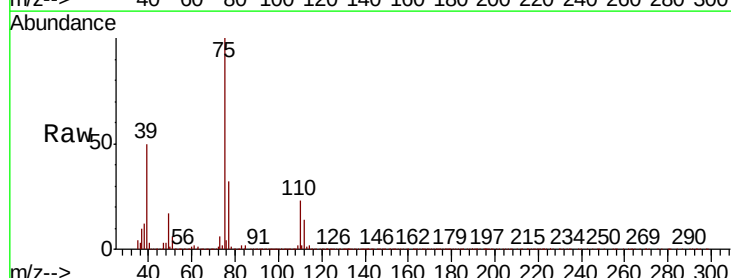
Tgt Ion: 75 Resp: 444390

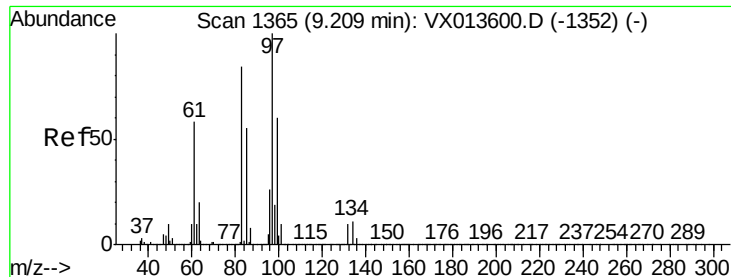
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 50.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.133 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 97 Resp: 300708

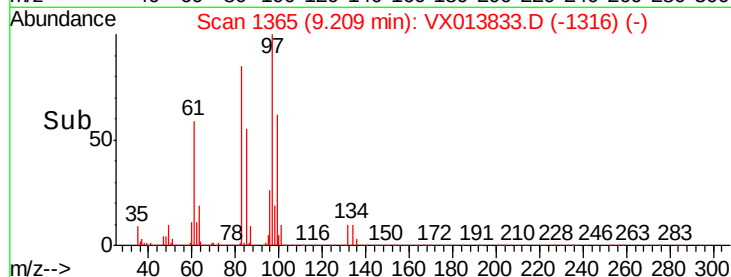
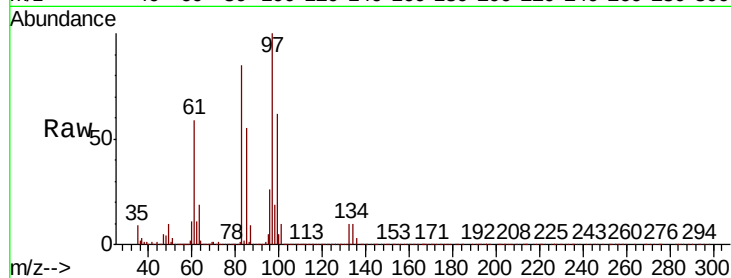
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	55.1	43.6	65.4
99	62.1	48.2	72.4

97 100

83 84.8 67.3 100.9

85 55.1 43.6 65.4

99 62.1 48.2 72.4

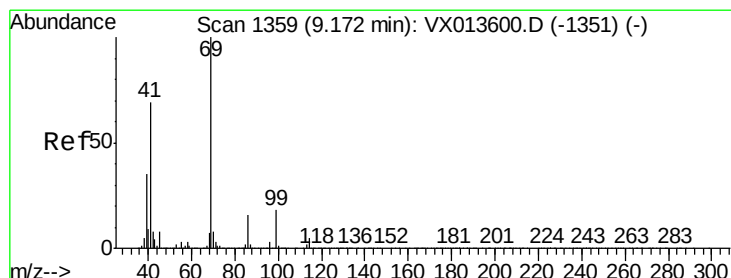
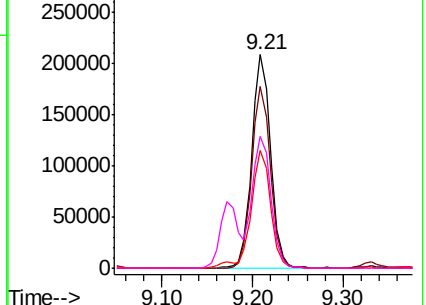


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.058 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

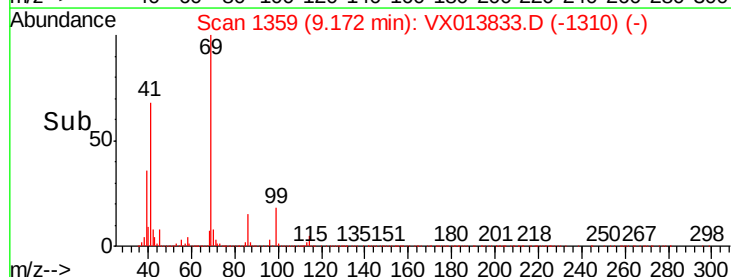
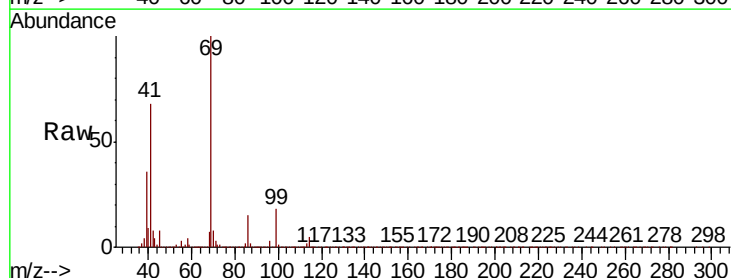
Tgt Ion: 69 Resp: 482735

Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.4
39	36.2	28.7	43.1

69 100

41 68.3 55.0 82.4

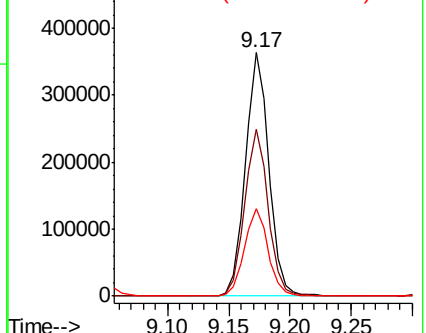
39 36.2 28.7 43.1

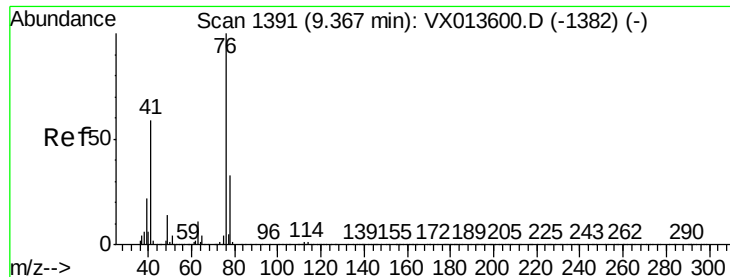


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

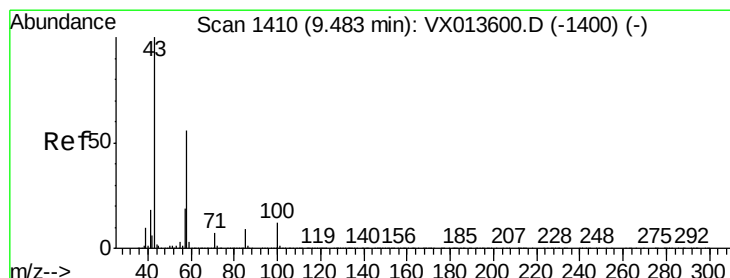
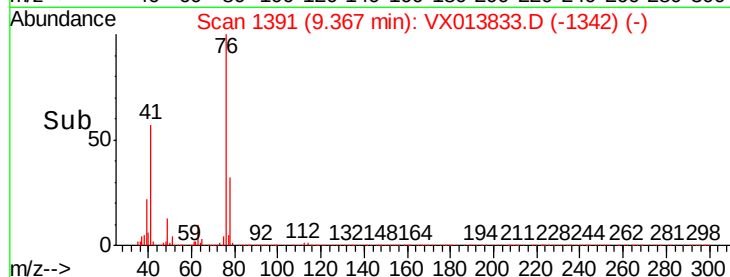
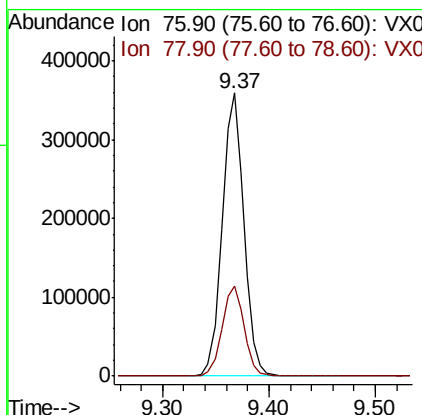
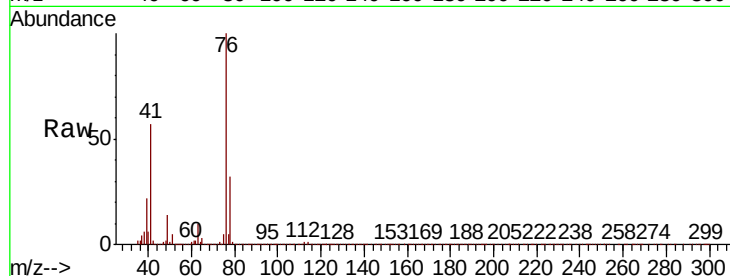




#57
 1,3-Dichloropropane
 Concen: 49.157 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

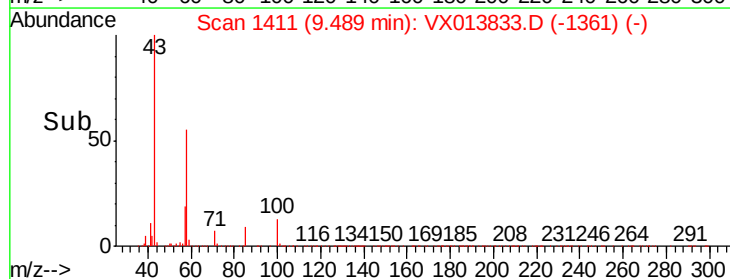
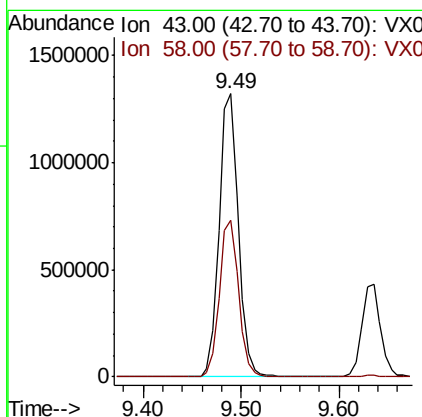
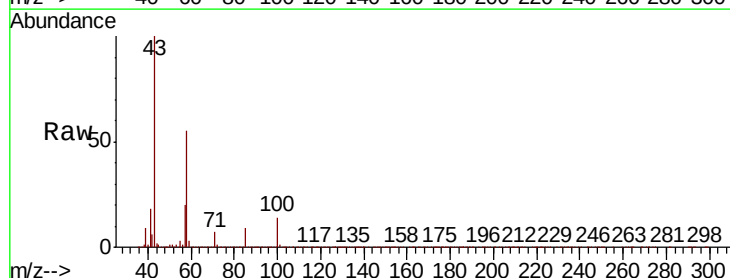
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

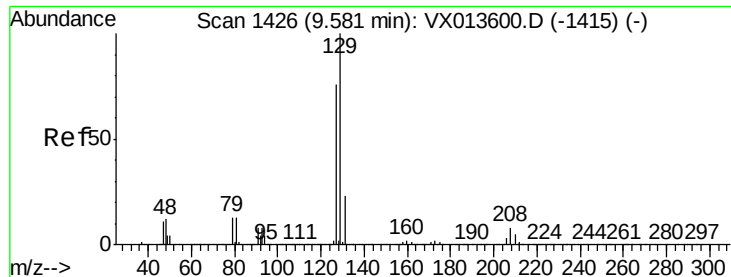
Tot Ion: 76 Resp: 508227
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#59
 2-Hexanone
 Concen: 252.324 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 43 Resp: 1798524
 Ion Ratio Lower Upper
 43 100
 58 55.6 28.1 84.4





#60

Dibromochloromethane

Concen: 50.312 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

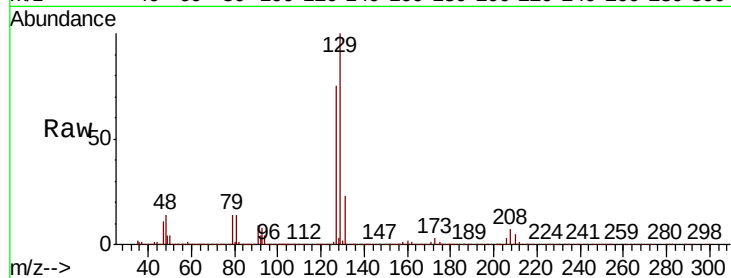
RE131D2-20191204MS

Tot Ion:129 Resp: 313186

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

250000

200000

150000

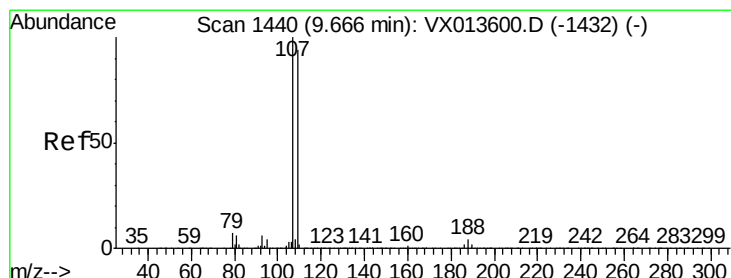
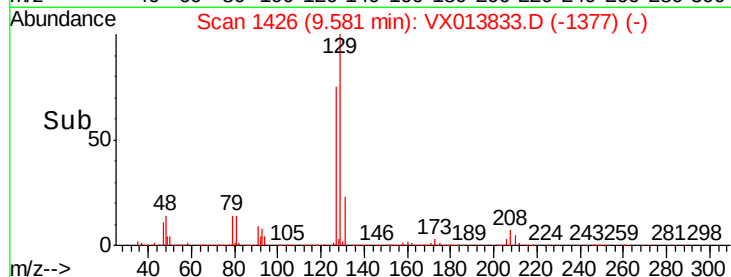
100000

50000

0

Time-->

9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 48.523 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013833.D

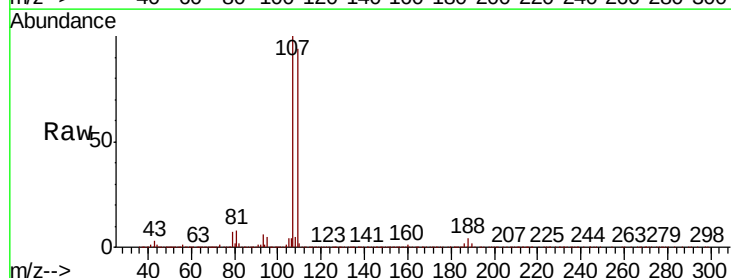
Acq: 07 Dec 2019 05:04

Tgt Ion:107 Resp: 310853

Ion Ratio Lower Upper

107 100

109 93.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

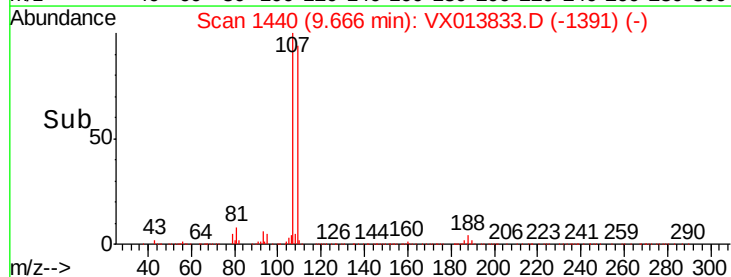
100000

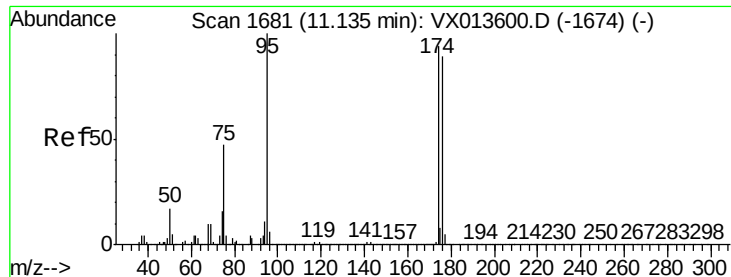
50000

0

Time-->

9.55 9.60 9.65 9.70 9.75

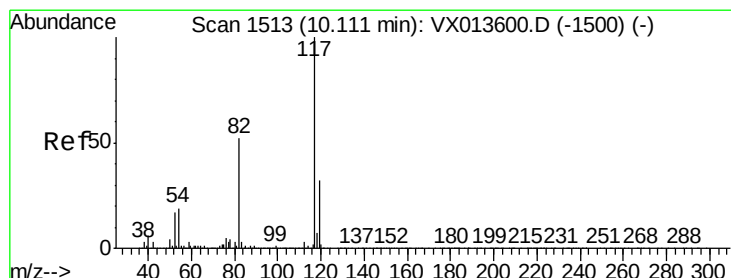
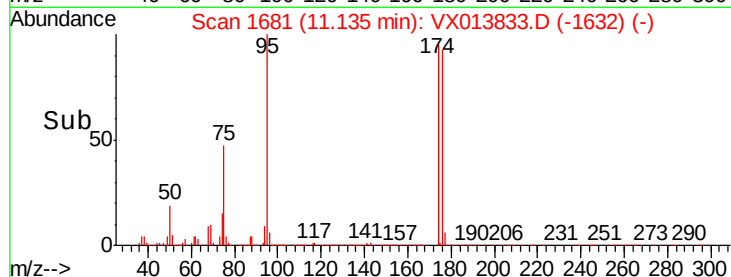
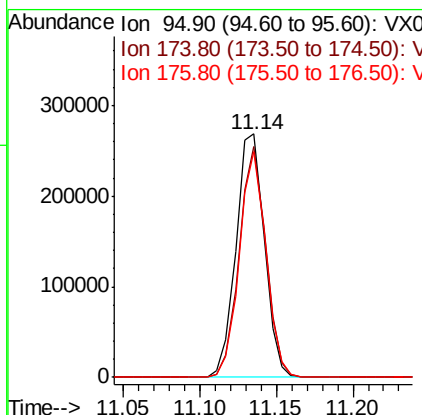
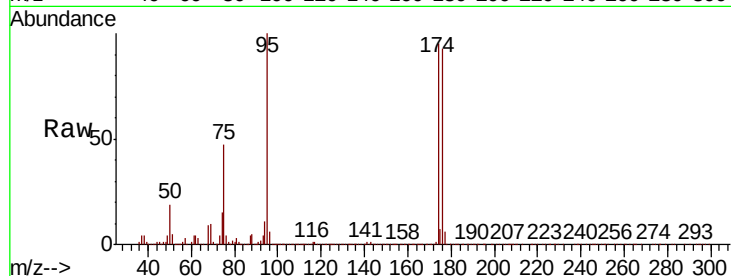




#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

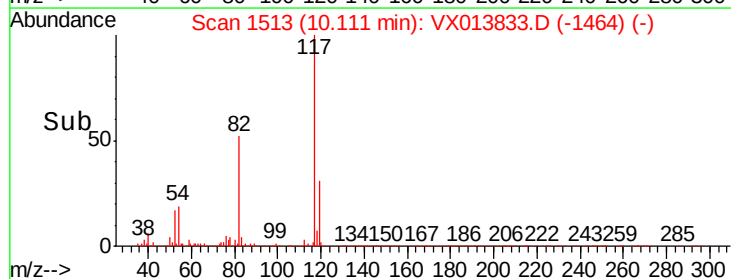
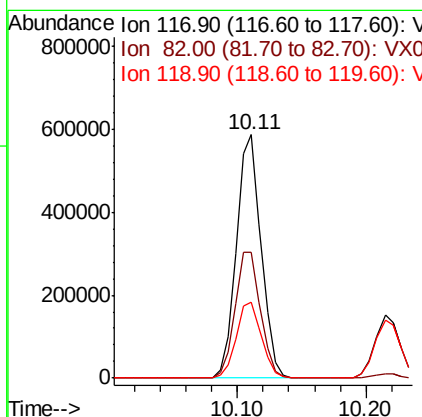
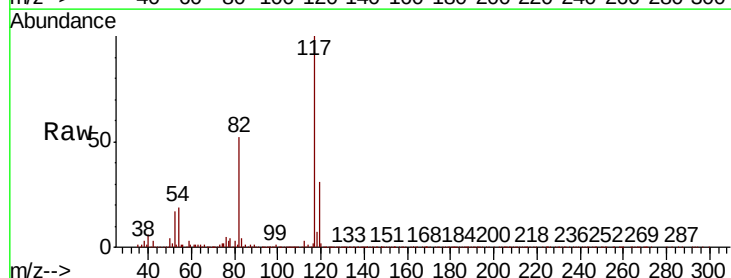
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

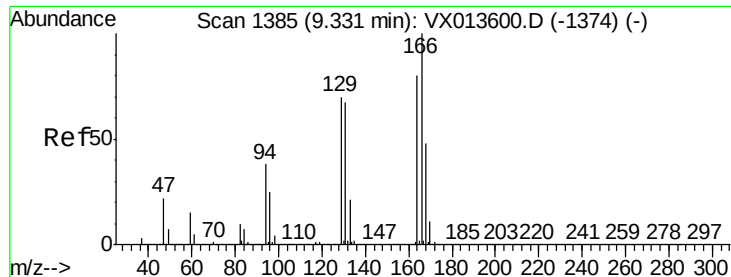
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.0
176	86.6	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	31.0	25.8	38.8





#64

Tetrachloroethene

Concen: 59.596 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:164 Resp: 347065

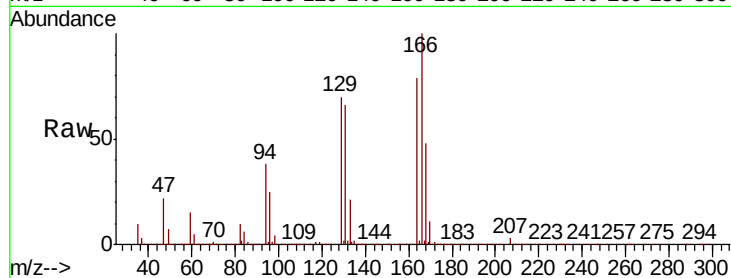
Ion Ratio Lower Upper

164 100

166 125.8 99.7 149.5

129 88.4 70.1 105.1

131 83.4 66.9 100.3

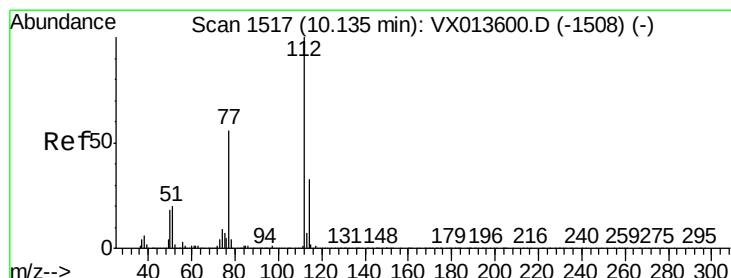
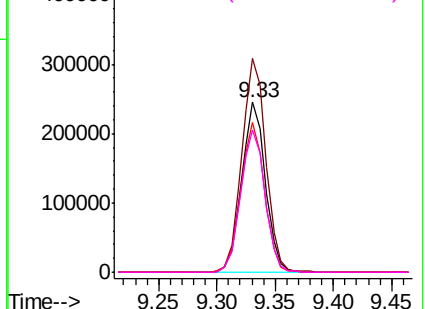
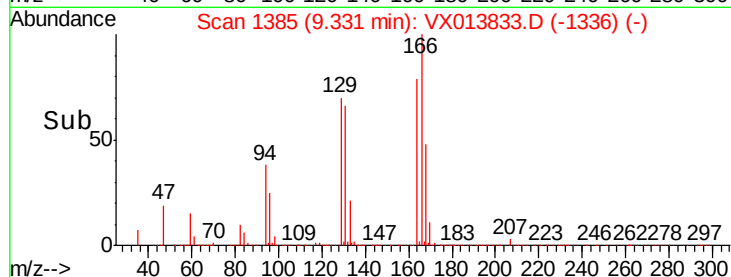


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.173 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013833.D

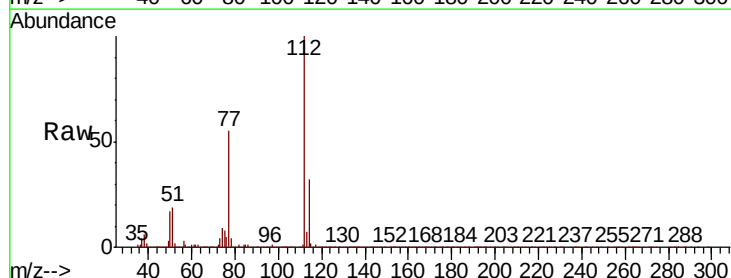
Acq: 07 Dec 2019 05:04

Tgt Ion:112 Resp: 781061

Ion Ratio Lower Upper

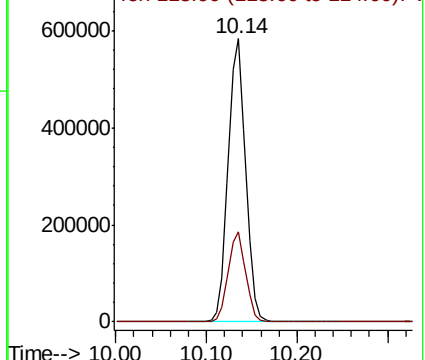
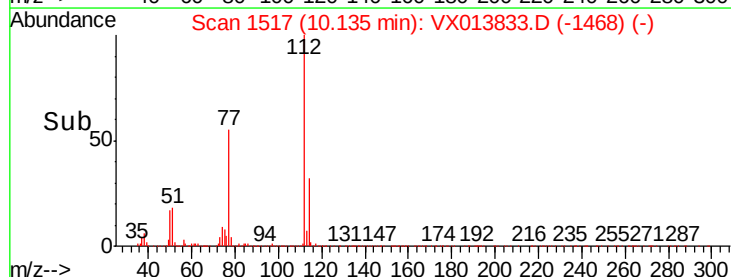
112 100

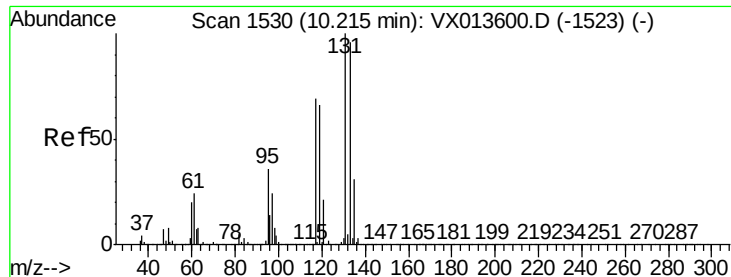
114 31.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

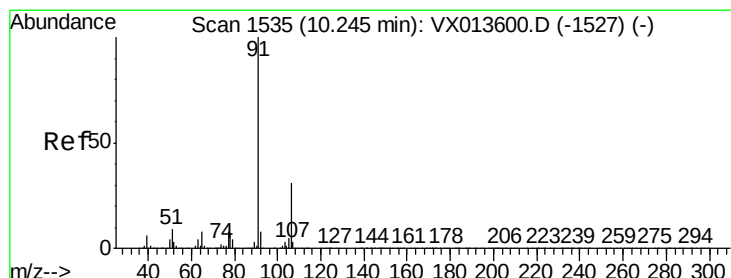
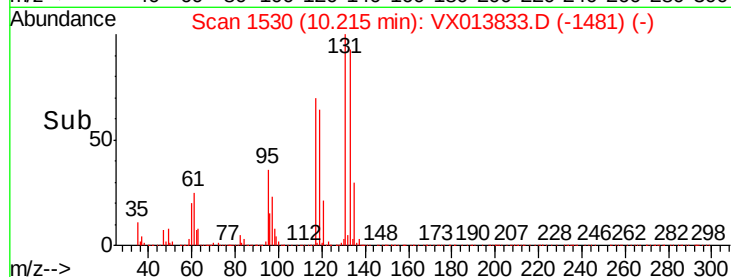
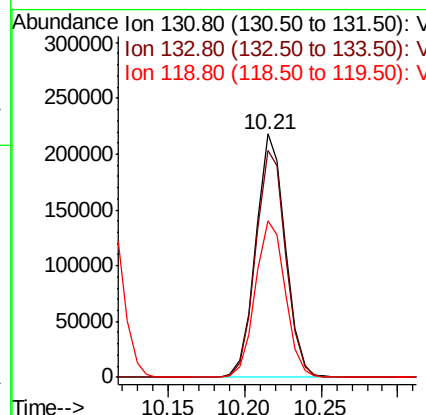
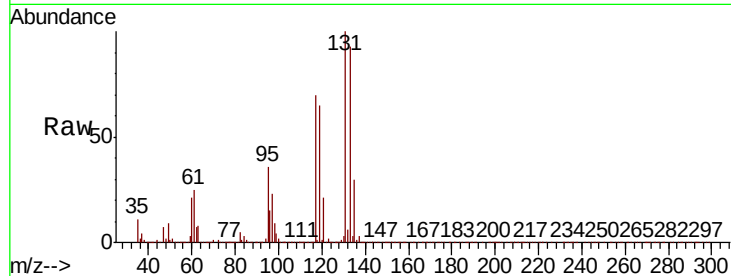




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.170 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

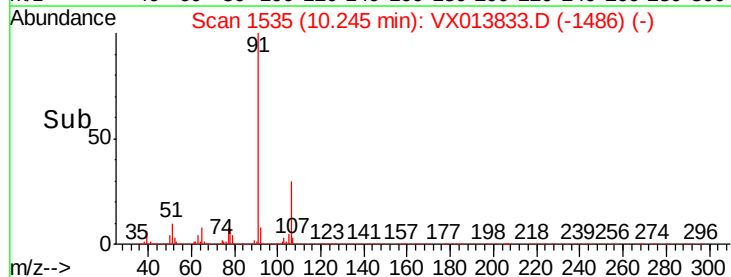
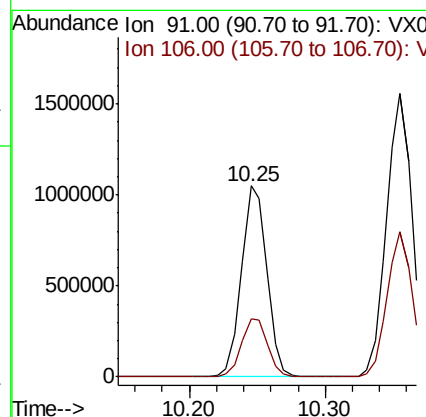
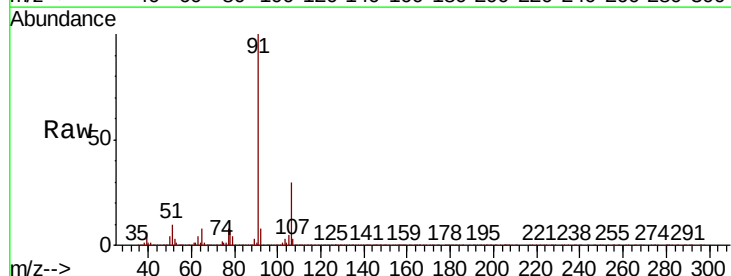
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

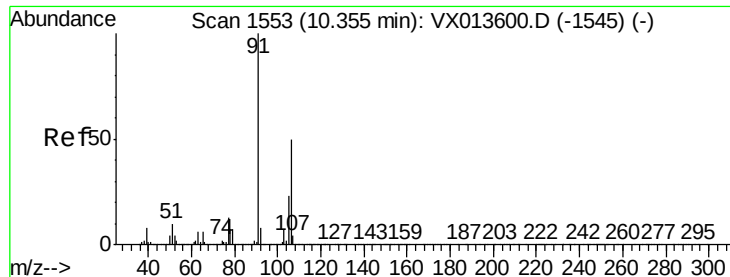
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.7	143.1
119	65.4	32.9	98.6



#67
 Ethyl Benzene
 Concen: 48.748 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.5	36.7





#68

m/p-Xylenes

Concen: 96.790 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

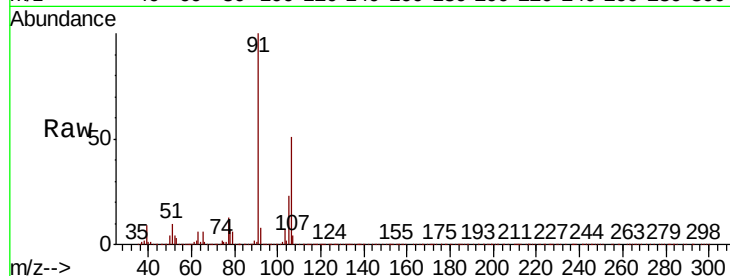
RE131D2-20191204MS

Tot Ion:106 Resp: 1032432

Ion Ratio Lower Upper

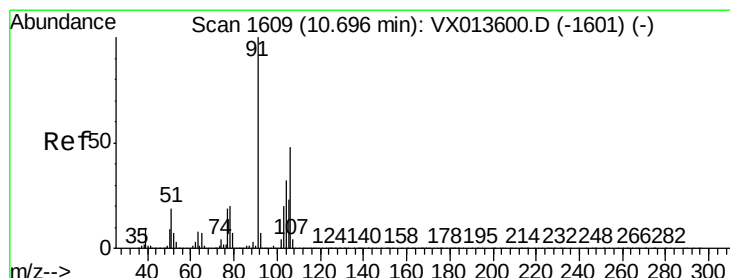
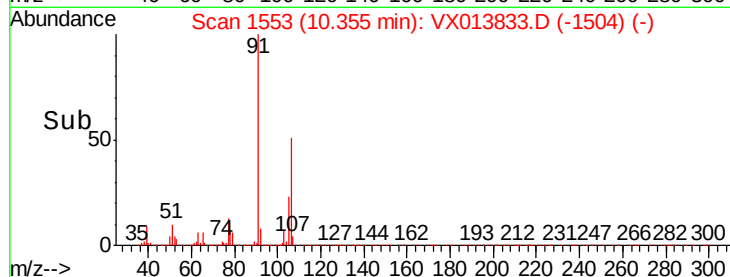
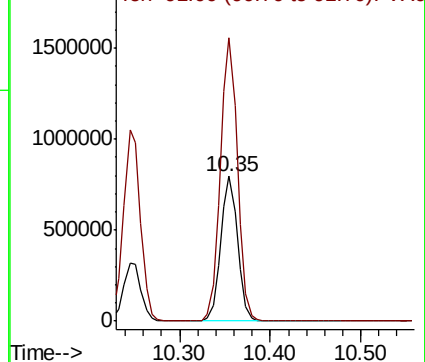
106 100

91 198.6 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.919 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013833.D

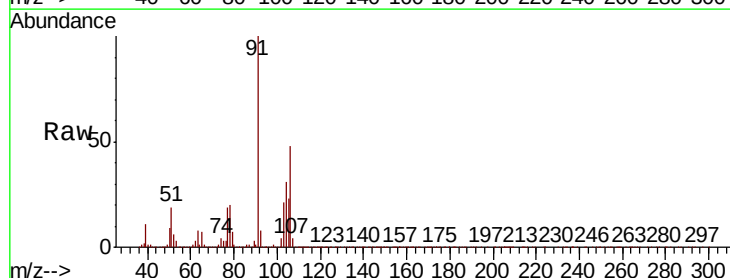
Acq: 07 Dec 2019 05:04

Tgt Ion:106 Resp: 508918

Ion Ratio Lower Upper

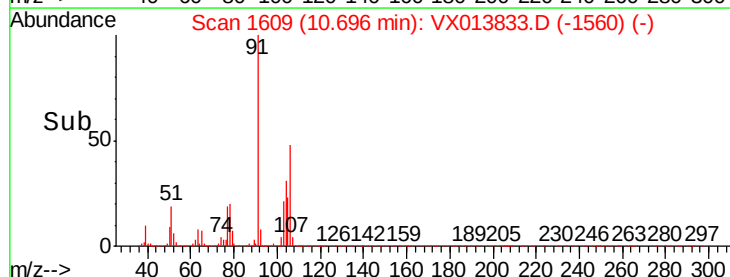
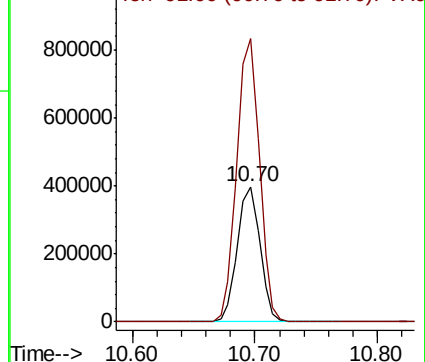
106 100

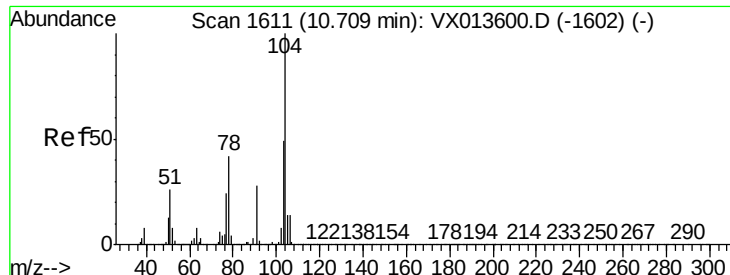
91 210.0 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

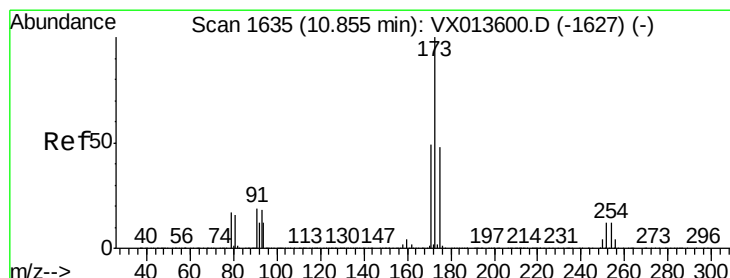
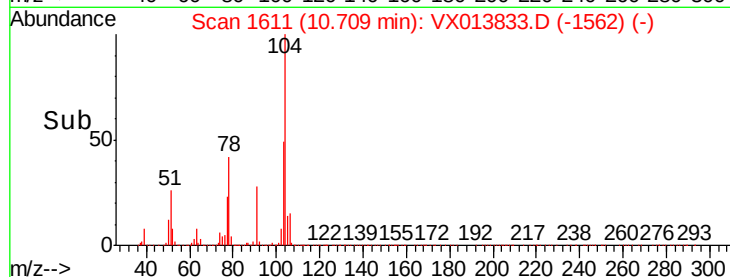
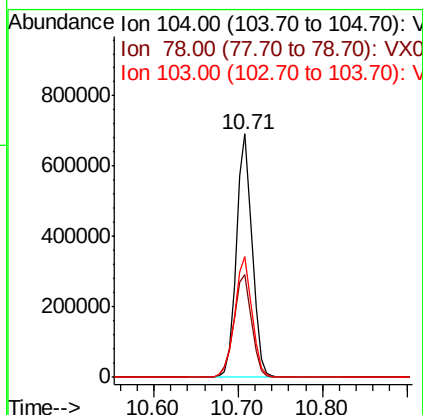
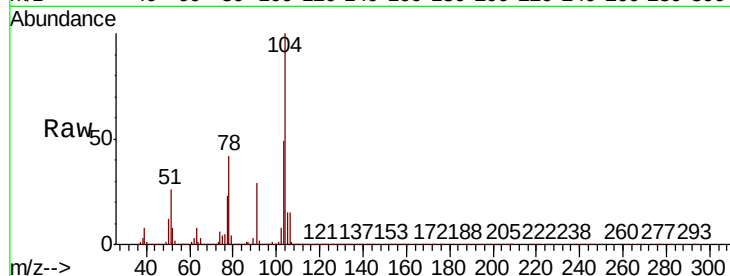




#70
Stvrene
Concen: 49.756 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

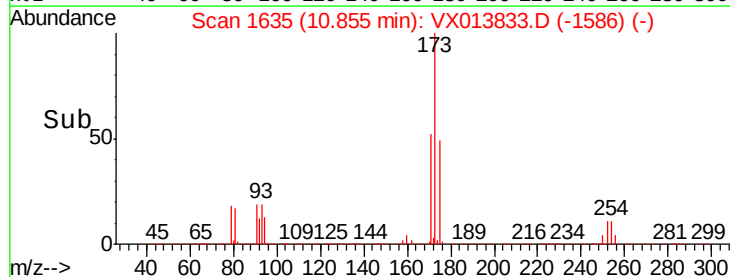
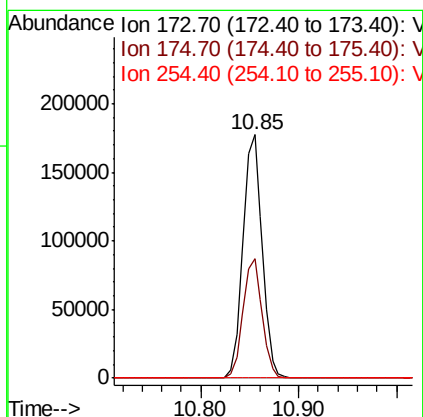
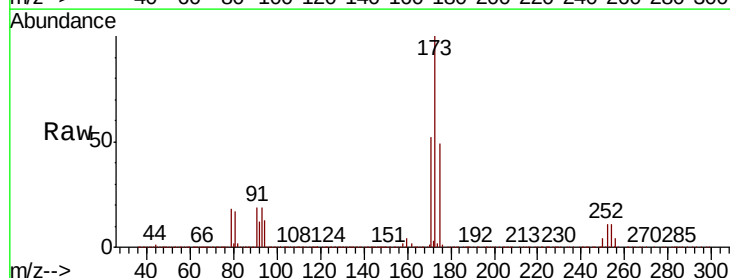
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

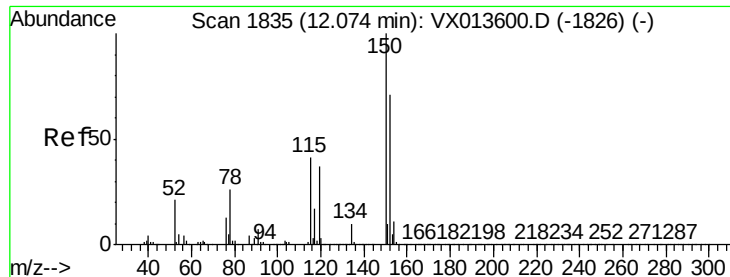
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.6	43.7	65.5



#71
Bromoform
Concen: 50.060 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.3	0.2	0.4



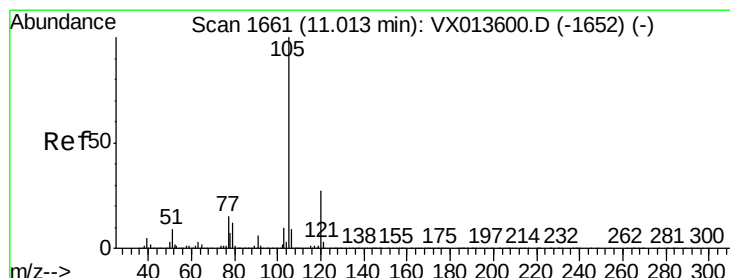
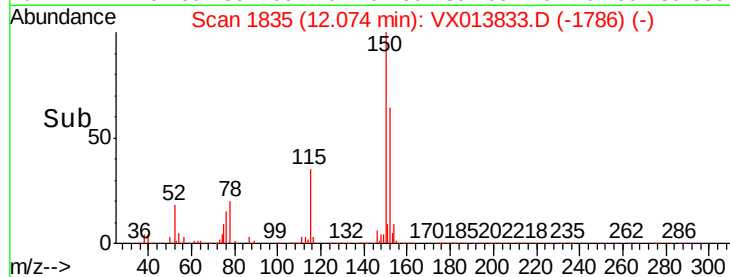
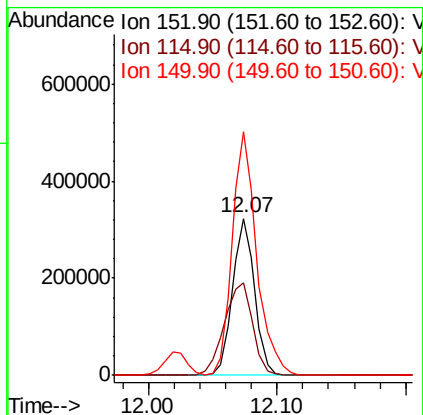
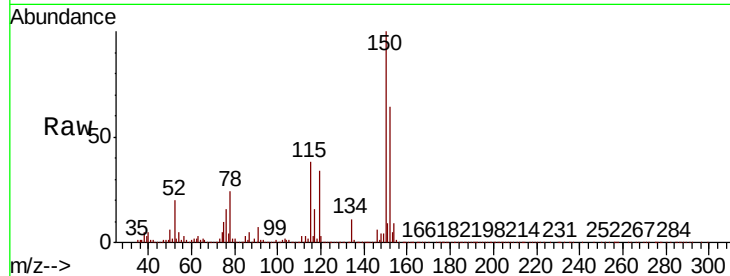


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

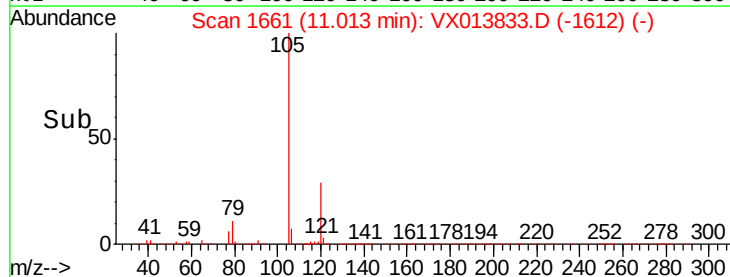
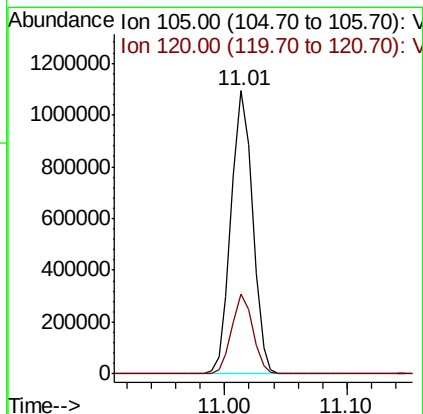
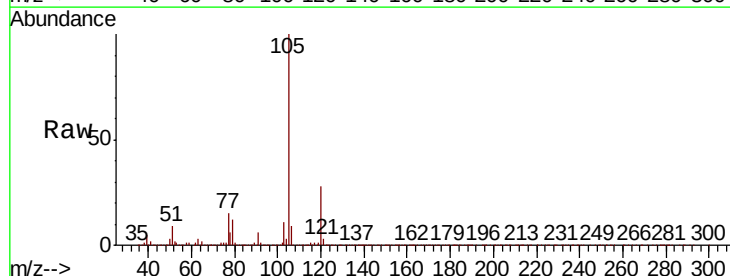
Tot Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.4	115.1
150	171.9	0.0	346.8

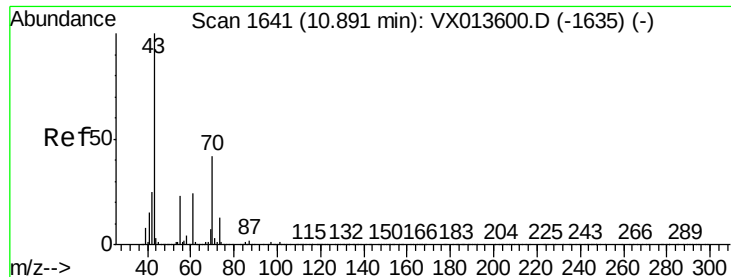


#73

Isopropylbenzene
Concen: 49.313 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.5





#74

N-amvl acetate

Concen: 45.577 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 564184

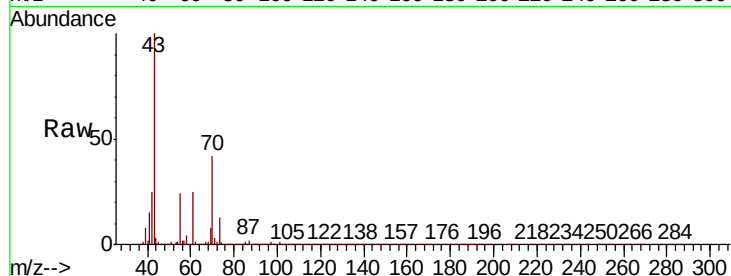
Ion Ratio Lower Upper

43 100

70 44.0 34.3 51.5

55 24.2 18.5 27.7

61 25.2 19.8 29.8

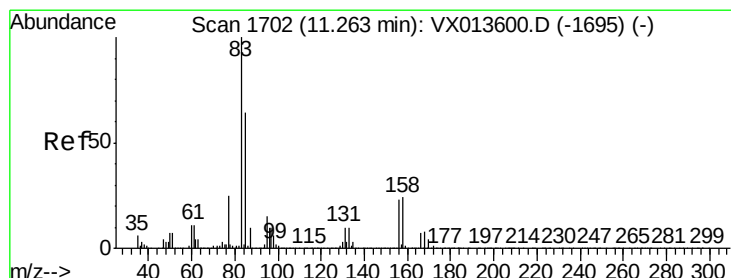
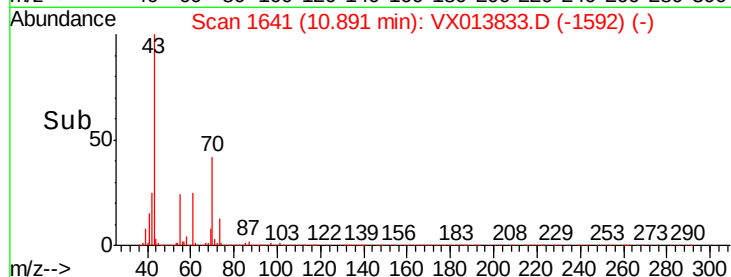
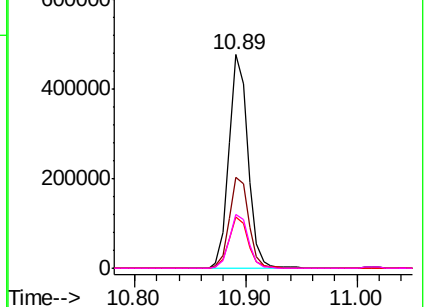


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.235 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

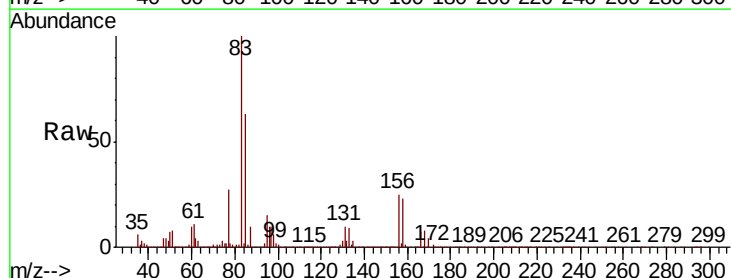
Tgt Ion: 83 Resp: 489504

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

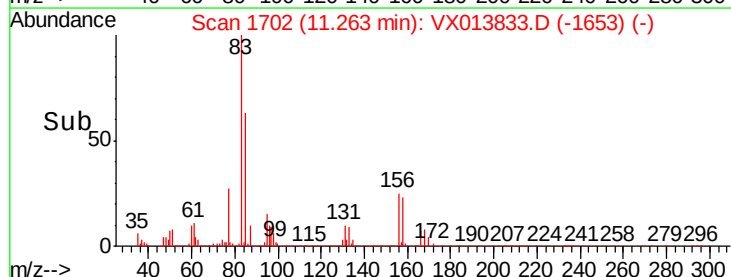
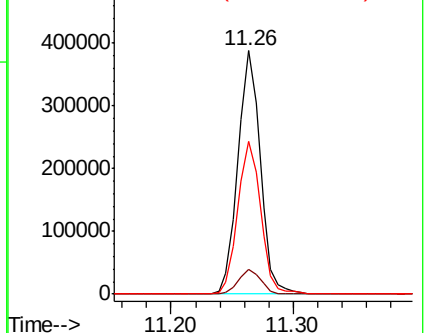
85 64.4 31.8 95.3

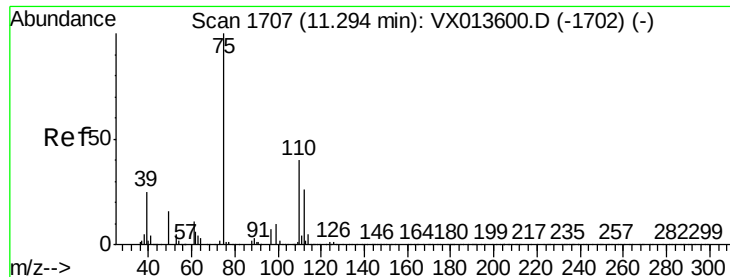


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 59.224 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

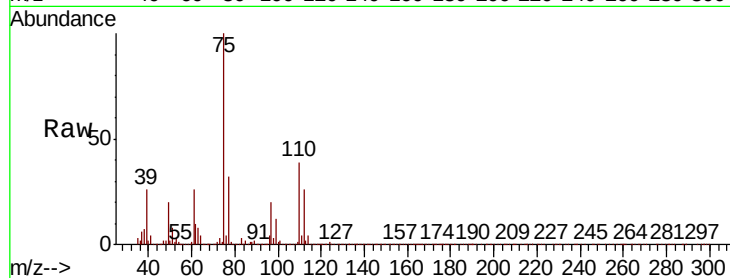
RE131D2-20191204MS

Tot Ion: 75 Resp: 513149

Ion Ratio Lower Upper

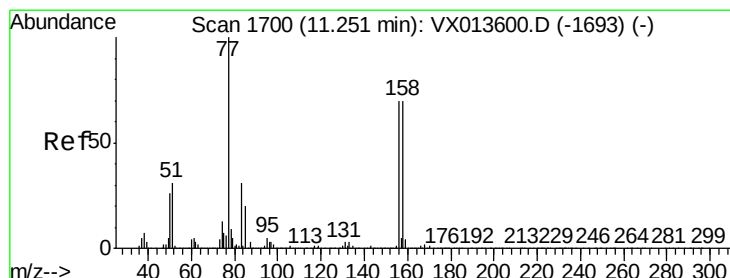
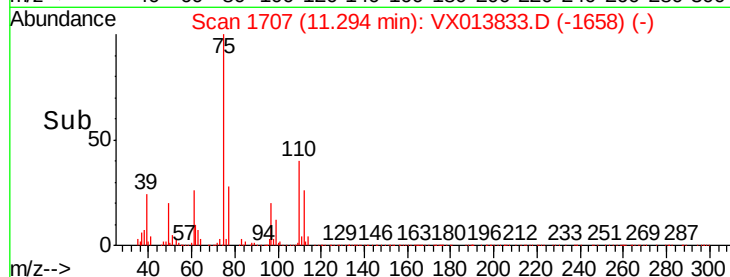
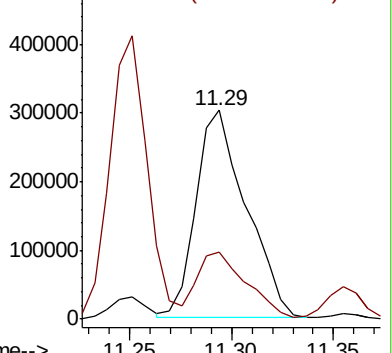
75 100

77 31.7 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: 48.090 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

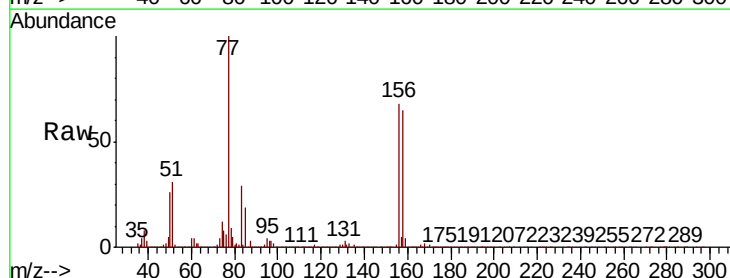
Tgt Ion: 156 Resp: 351066

Ion Ratio Lower Upper

156 100

77 149.9 74.4 223.1

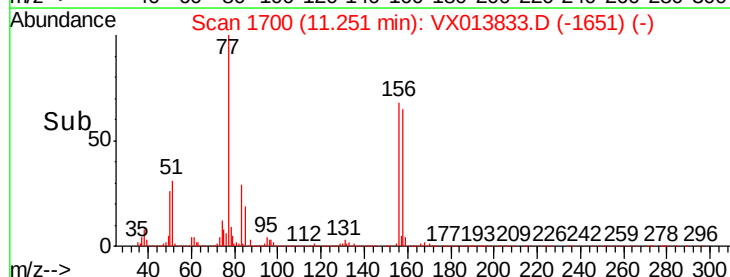
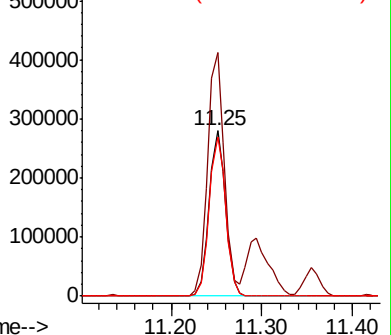
158 97.2 48.9 146.6

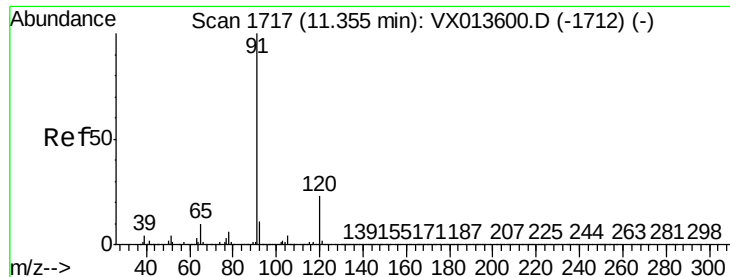


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 48.380 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

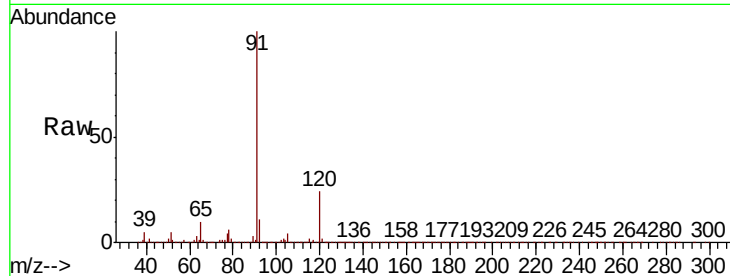
RE131D2-20191204MS

Tot Ion: 91 Resp: 1459387

Ion Ratio Lower Upper

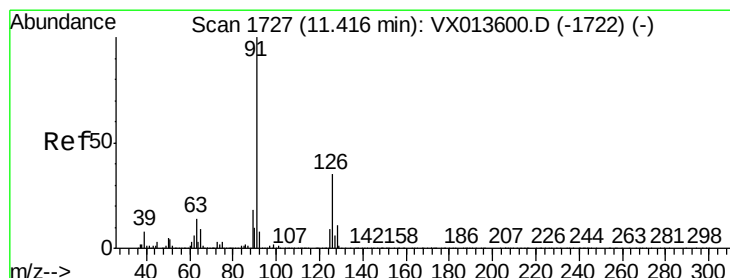
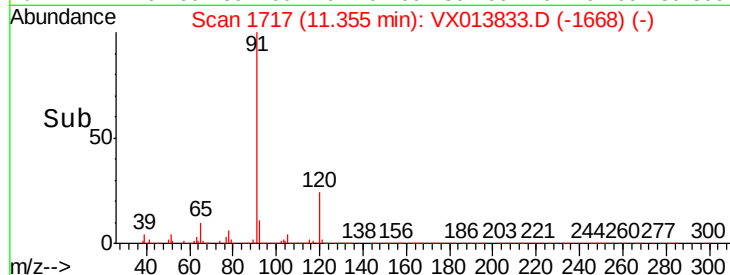
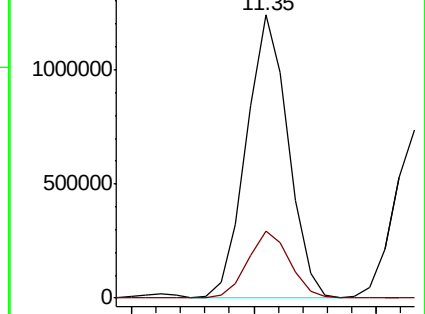
91 100

120 23.8 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: 49.054 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013833.D

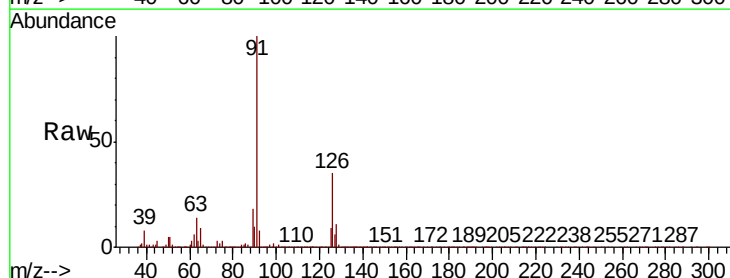
Acq: 07 Dec 2019 05:04

Tgt Ion: 91 Resp: 887655

Ion Ratio Lower Upper

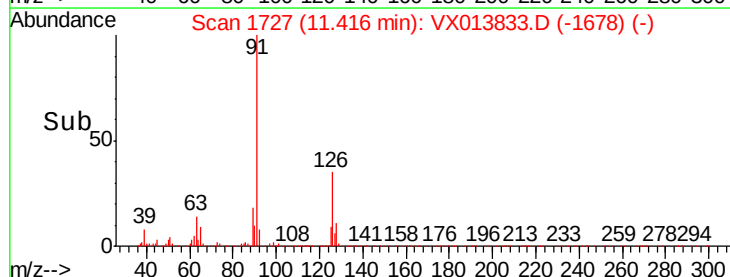
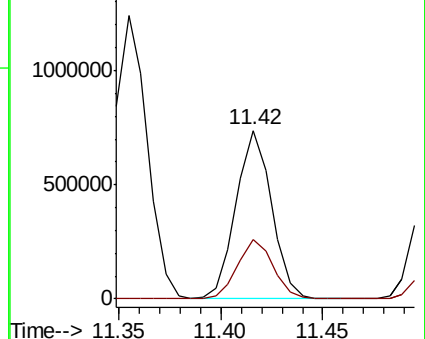
91 100

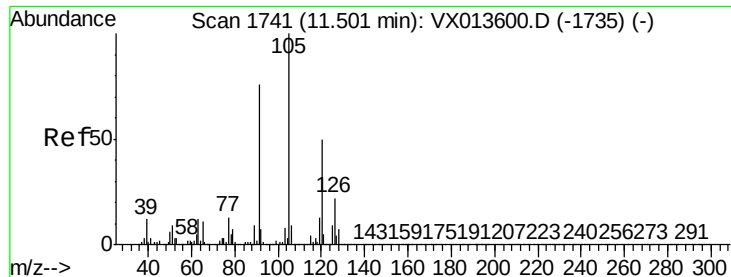
126 35.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

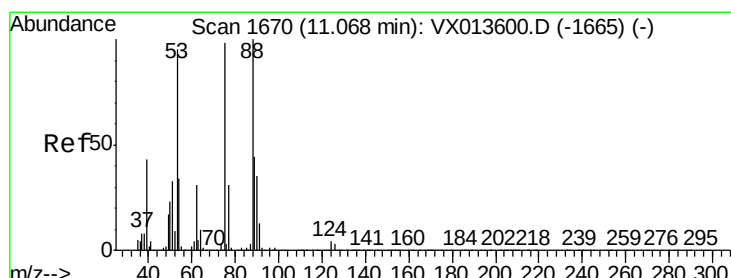
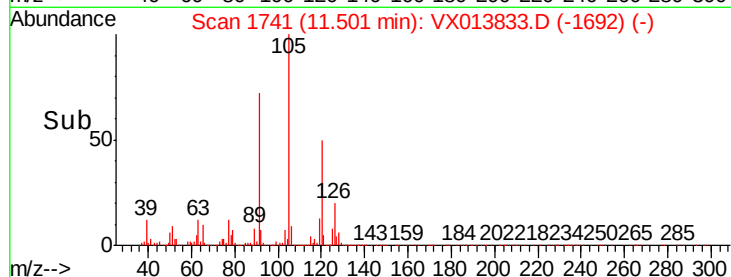
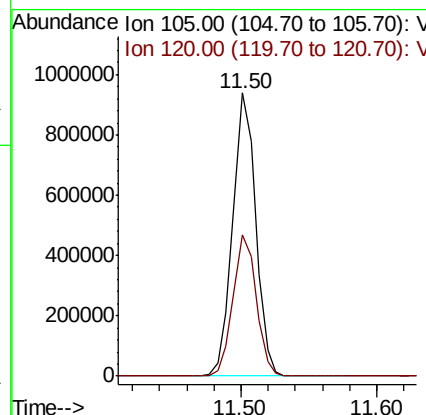
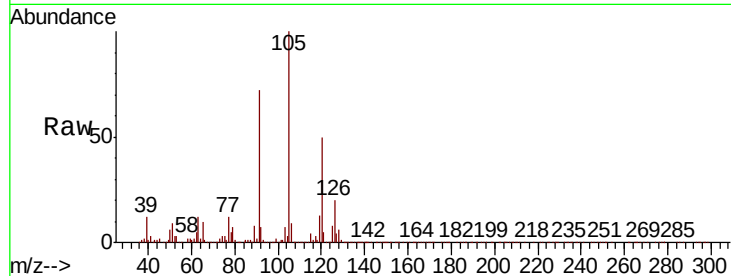




#80
 1,3,5-Trimethylbenzene
 Concen: 49.852 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

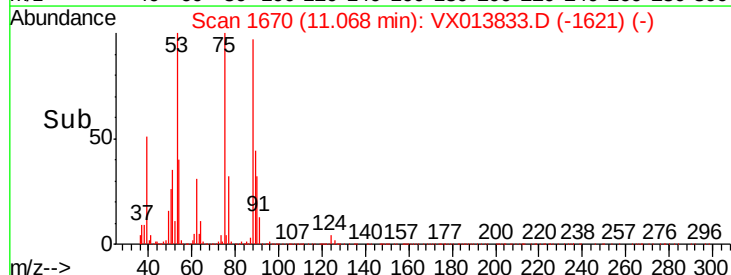
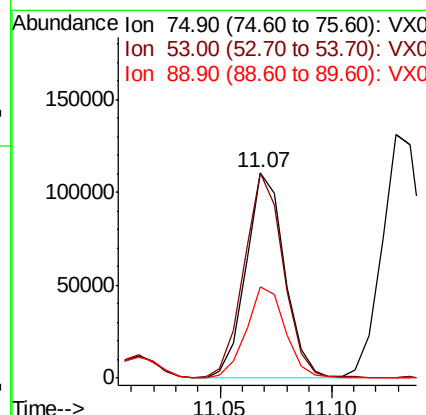
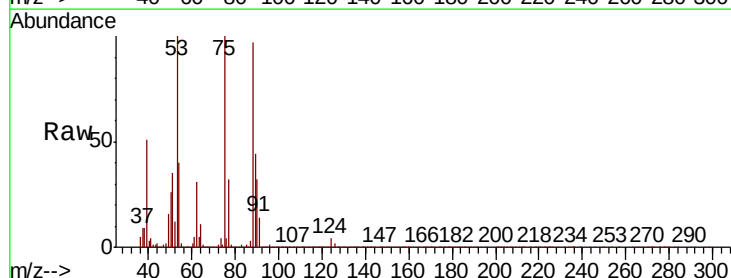
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

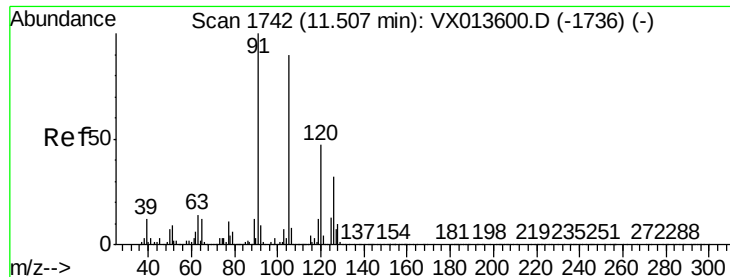
Tot Ion:105 Resp: 1104093
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.036 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 75 Resp: 133129
 Ion Ratio Lower Upper
 75 100
 53 100.9 78.2 117.2
 89 44.9 35.4 53.2

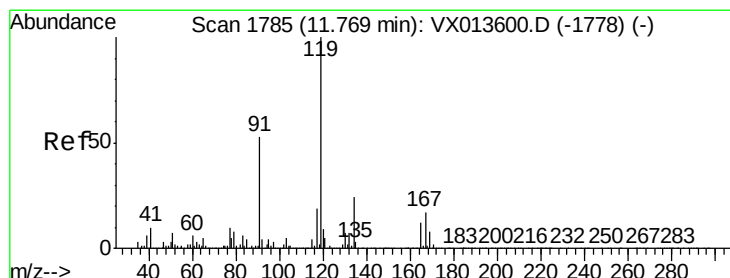
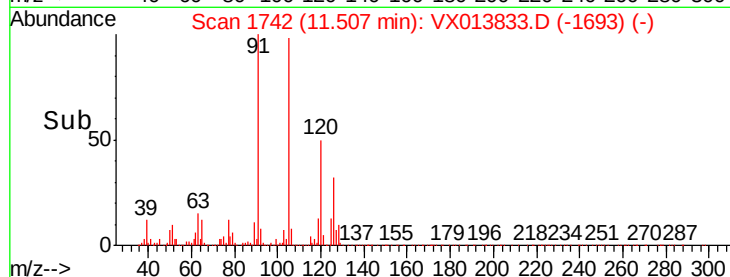
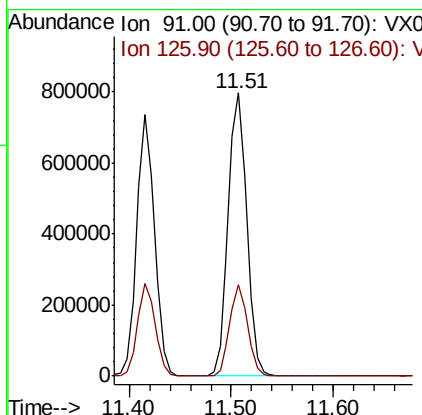
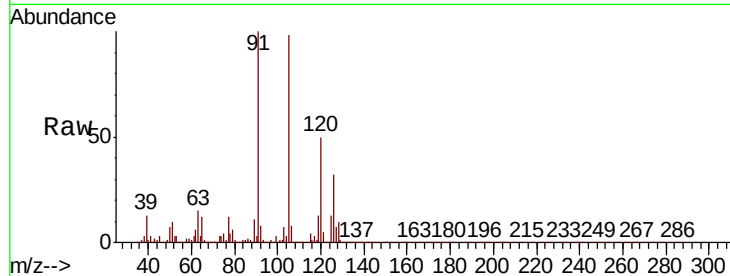




#82
4-Chlorotoluene
Concen: 47.827 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

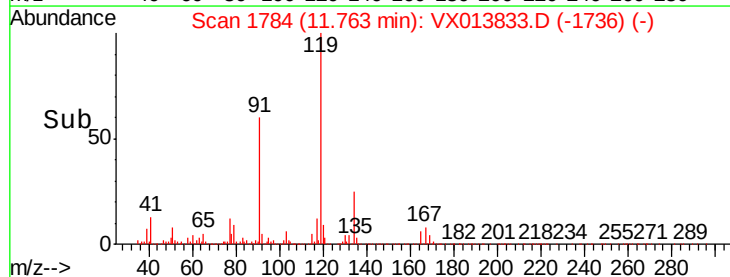
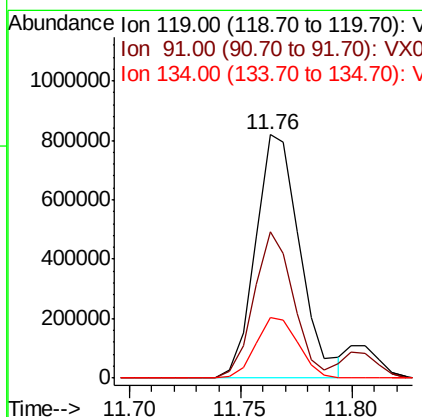
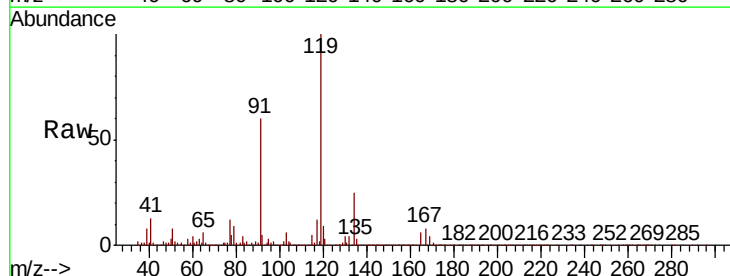
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

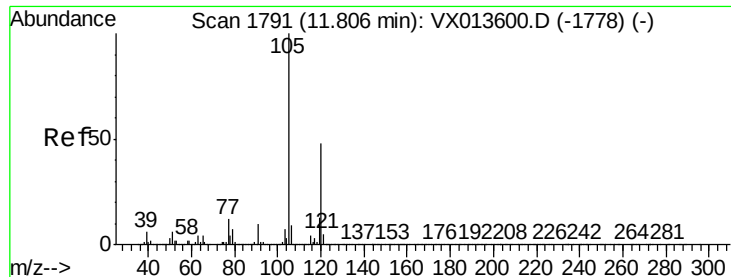
Tot Ion: 91 Resp: 1002374
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0



#83
tert-Butylbenzene
Concen: 50.379 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 119 Resp: 1133939
Ion Ratio Lower Upper
119 100
91 53.7 27.2 81.6
134 23.8 11.7 35.1

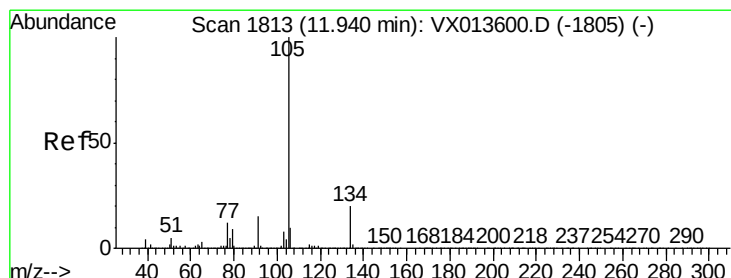
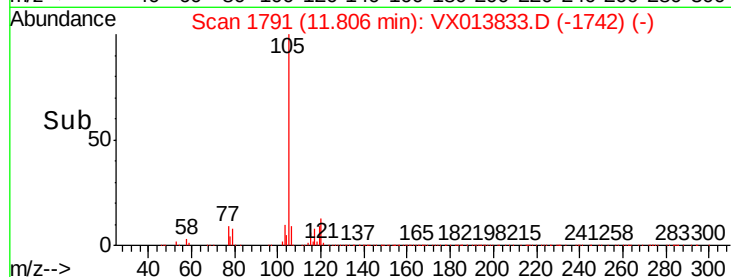
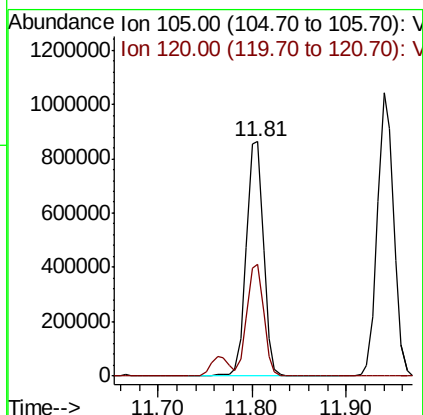
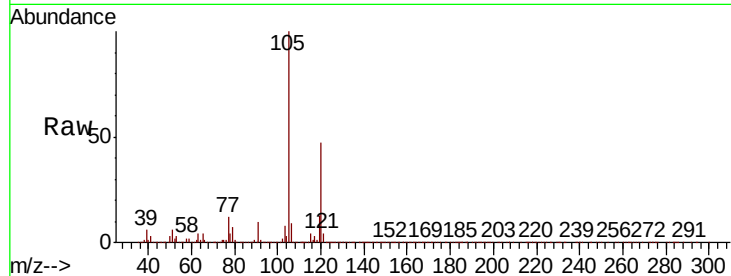




#84
 1,2,4-Trimethylbenzene
 Concen: 48.946 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

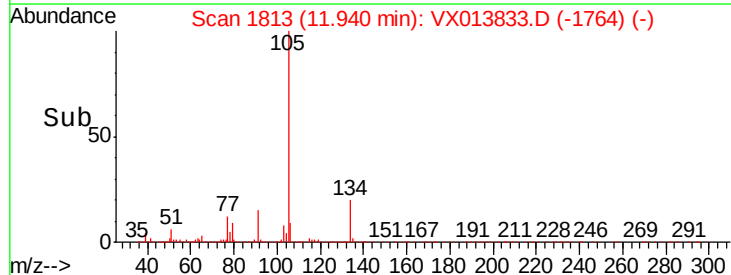
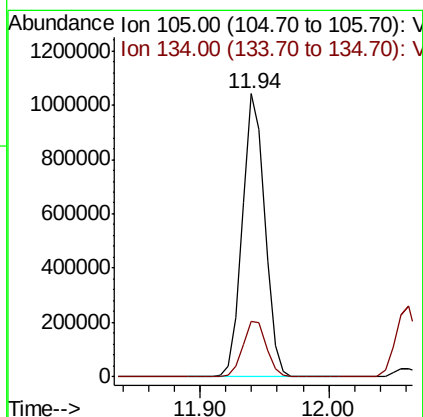
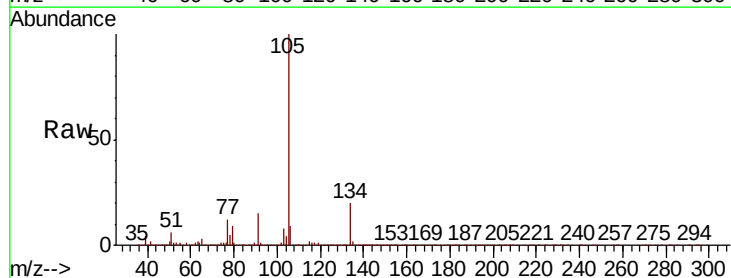
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

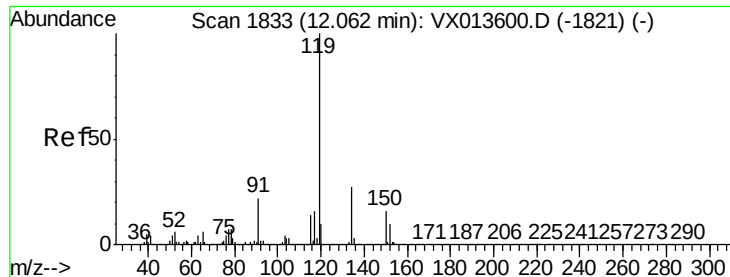
Tot Ion:105 Resp: 1100172
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 48.682 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion:105 Resp: 1251582
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2





#86

p-Isopropyltoluene

Concen: 47.902 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

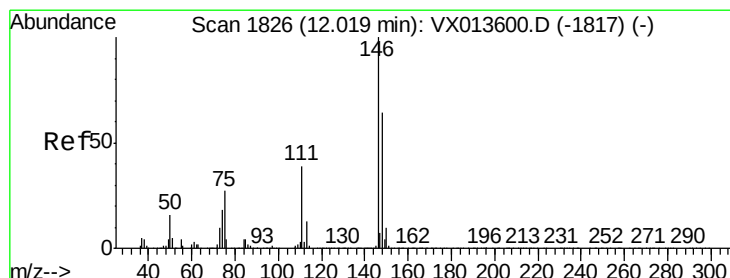
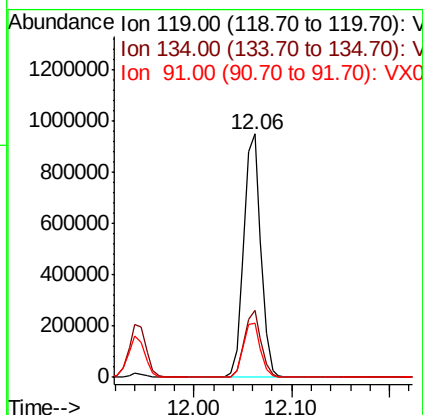
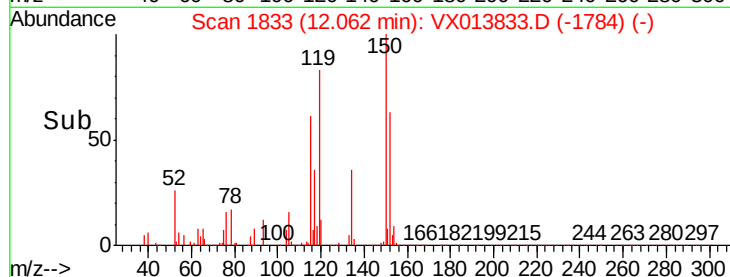
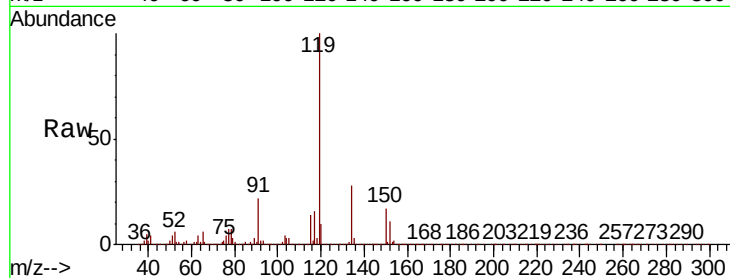
Tot Ion:119 Resp: 1145695

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.5 11.3 33.8



#87

1,3-Dichlorobenzene

Concen: 47.624 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

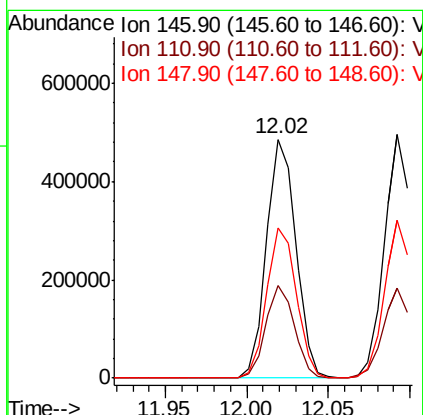
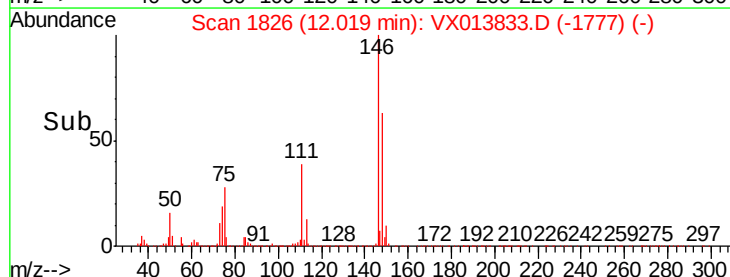
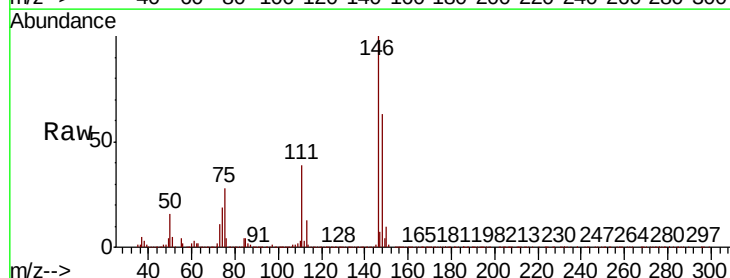
Tgt Ion:146 Resp: 606032

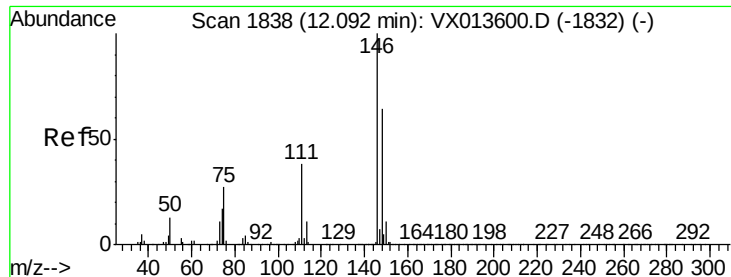
Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 63.4 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 46.286 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

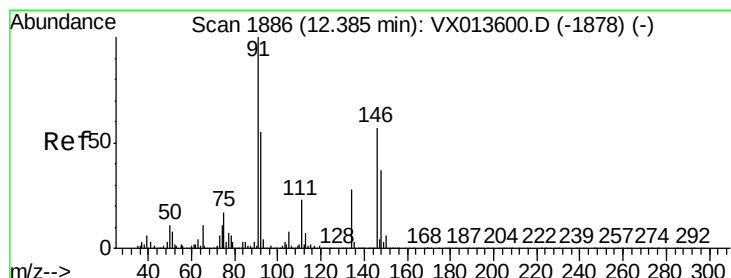
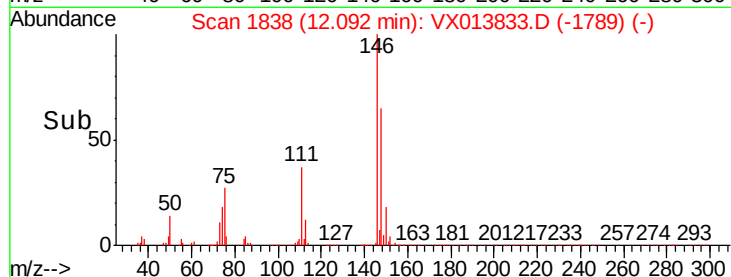
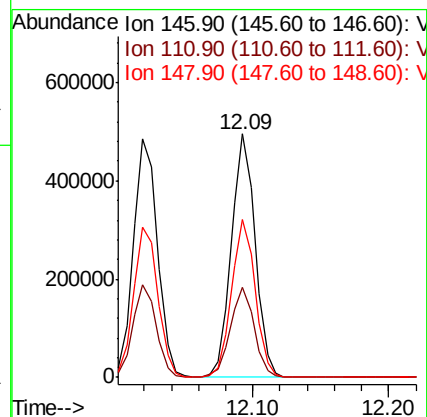
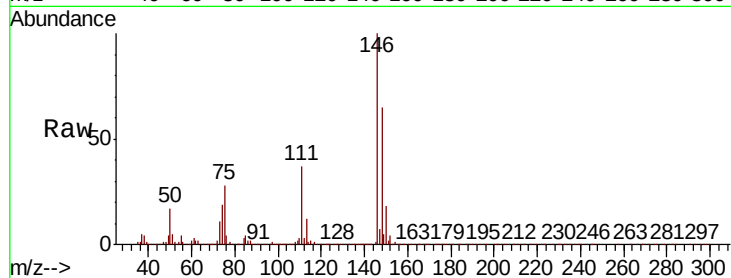
Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:146	Resp:	599945
Ion Ratio	Lower	Upper
146	100	
111	37.1	18.9 56.9
148	64.4	31.9 95.5



#89

n-Butylbenzene

Concen: 46.057 ug/l

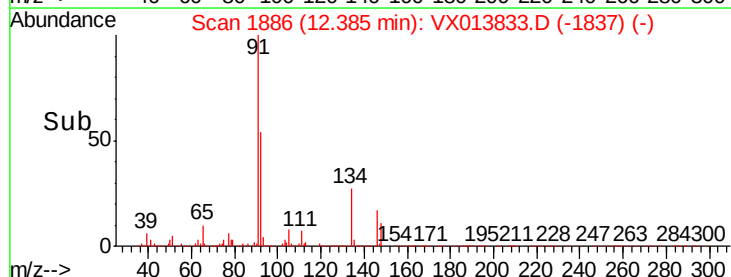
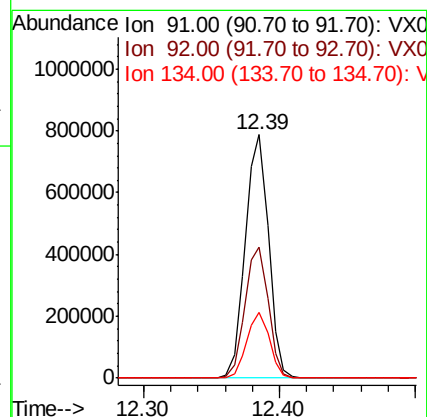
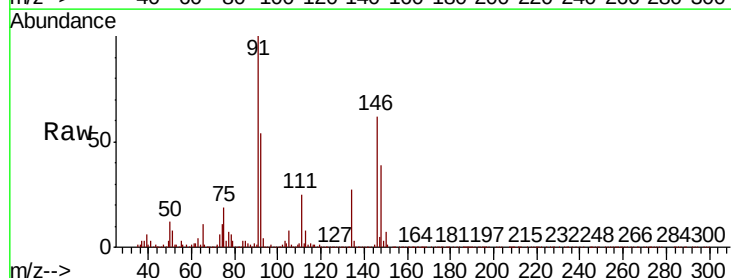
RT: 12.39 min Scan# 1886

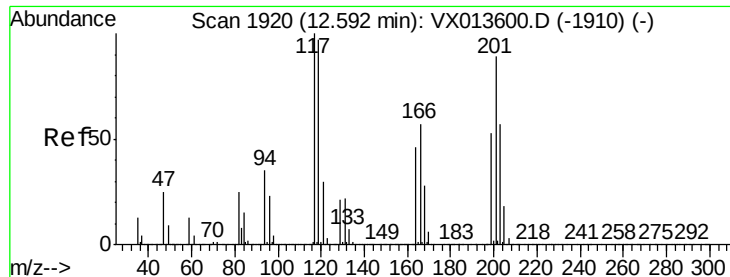
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion: 91	Resp:	939521
Ion Ratio	Lower	Upper
91	100	
92	54.1	27.4 82.2
134	26.6	13.5 40.4





#90

Hexachloroethane

Concen: 49.039 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

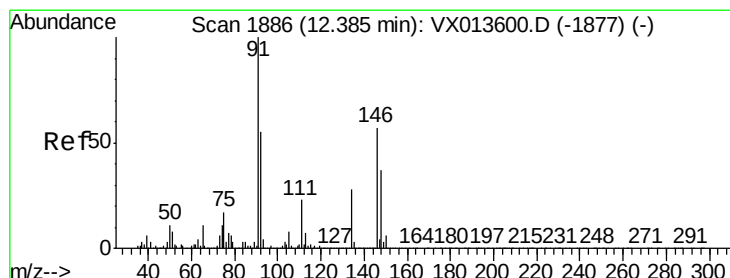
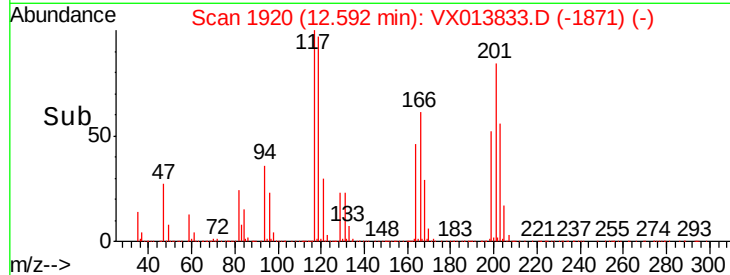
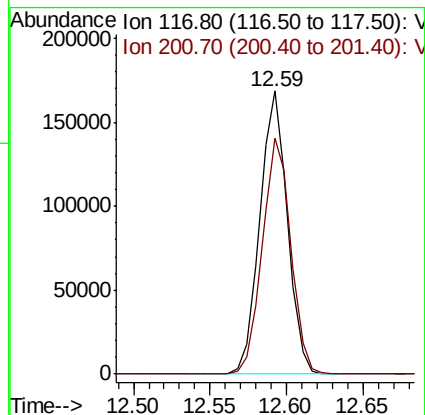
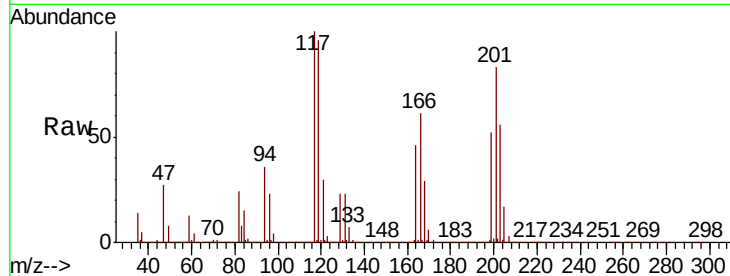
RE131D2-20191204MS

Tot Ion:117 Resp: 212001

Ion Ratio Lower Upper

117 100

201 86.1 44.1 132.4



#91

1,2-Dichlorobenzene

Concen: 48.977 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

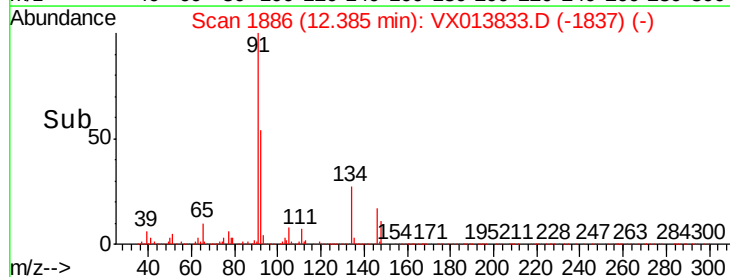
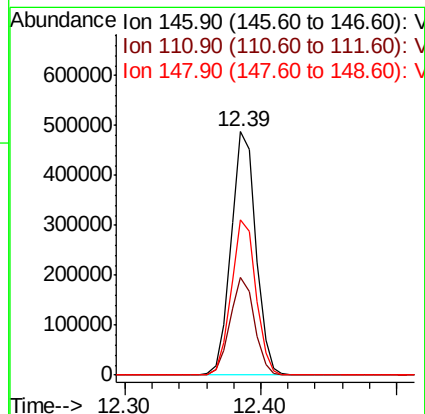
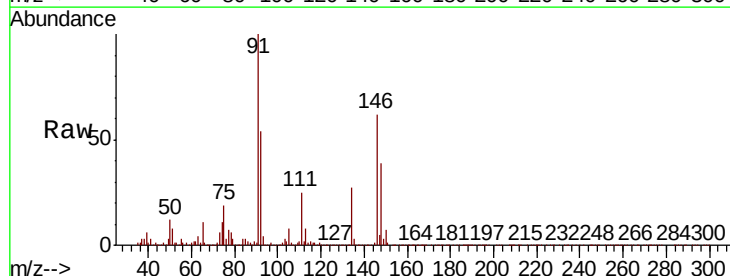
Tgt Ion:146 Resp: 615799

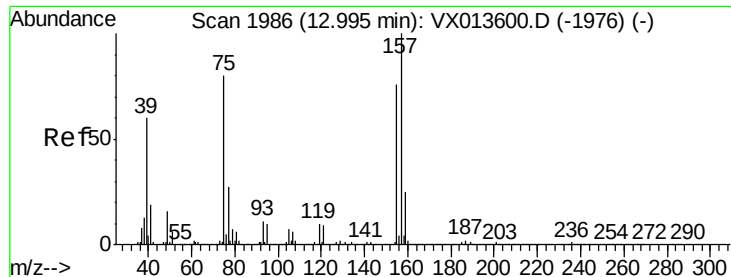
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 63.5 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.864 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

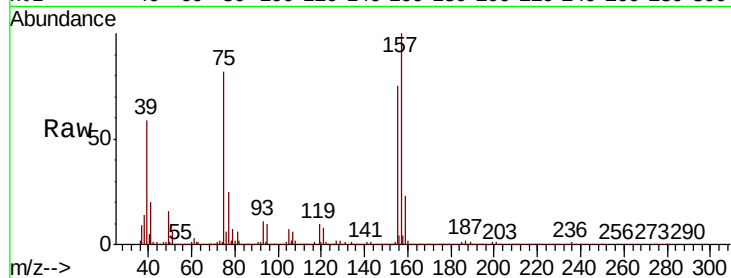
Tot Ion: 75 Resp: 101759

Ion Ratio Lower Upper

75 100

155 95.5 47.6 142.8

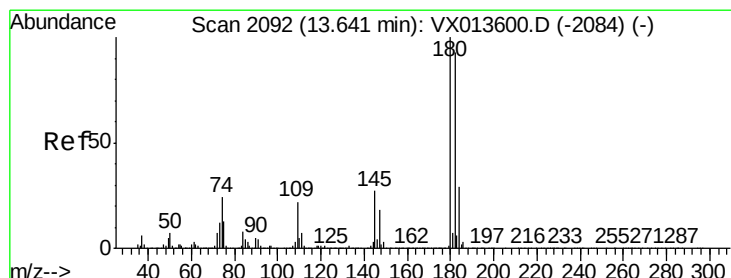
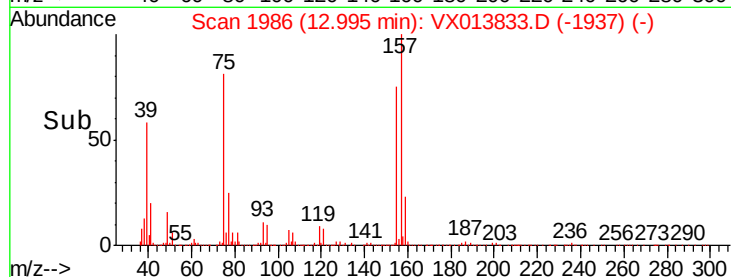
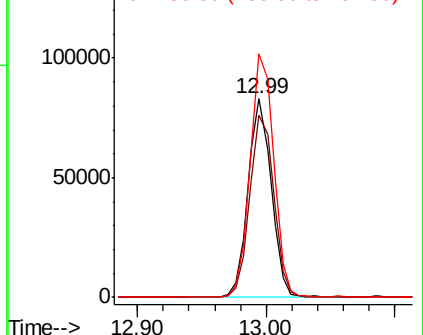
157 126.1 62.1 186.2



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: 43.615 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

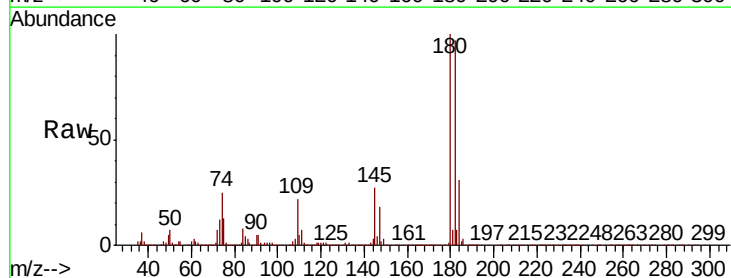
Tgt Ion:180 Resp: 382179

Ion Ratio Lower Upper

180 100

182 95.0 47.2 141.6

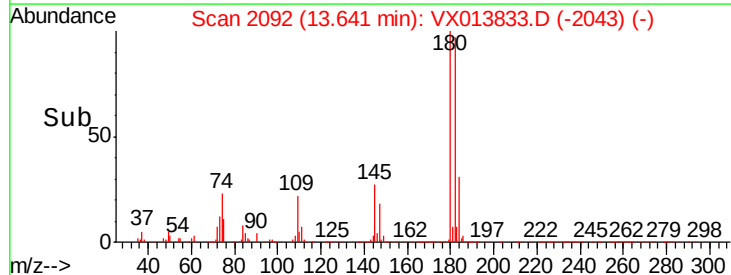
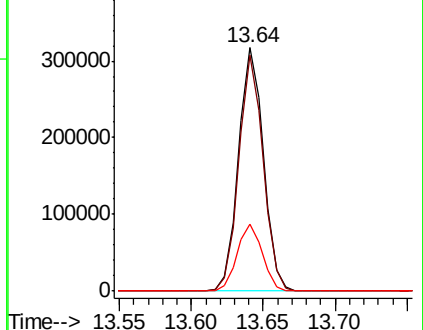
145 28.1 13.8 41.4

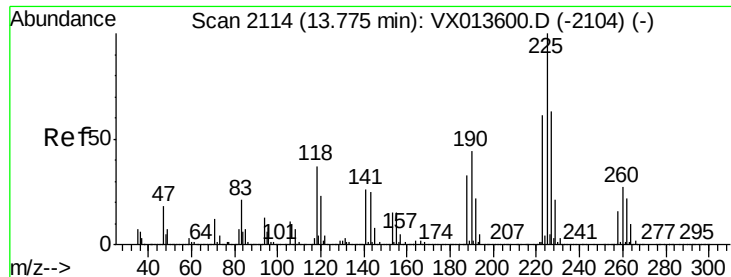


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 41.291 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

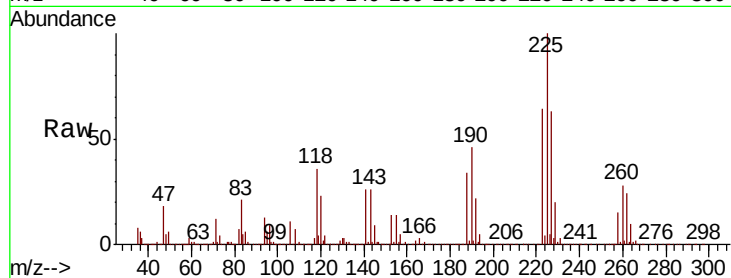
Tot Ion:225 Resp: 173810

Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.5

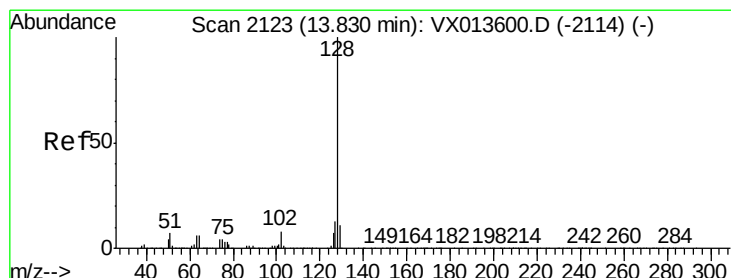
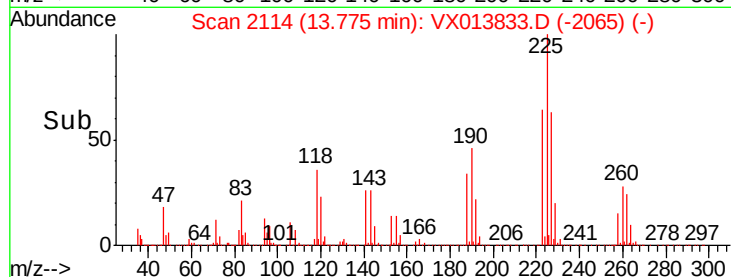
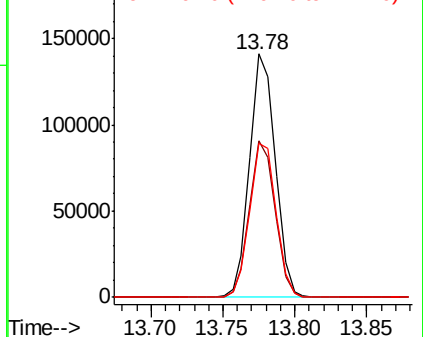
227 65.1 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.792 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

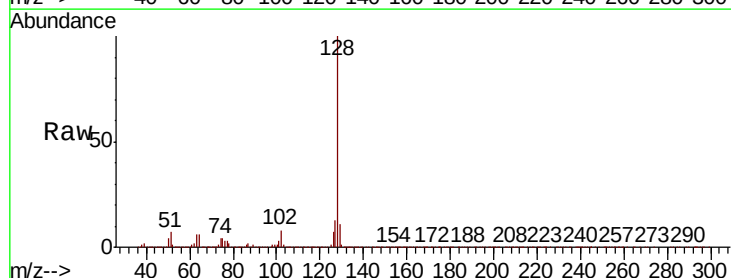
Tgt Ion:128 Resp: 1221045

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

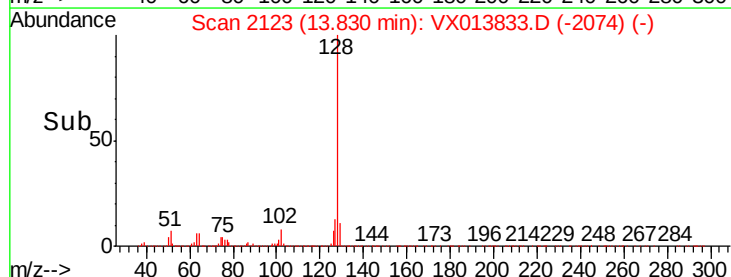
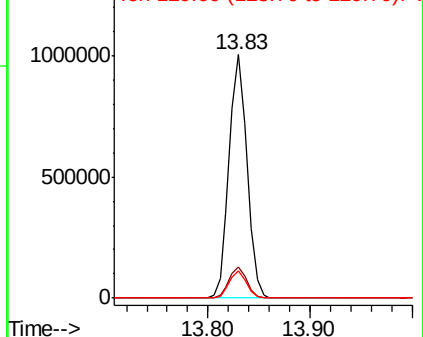
129 11.0 8.7 13.1

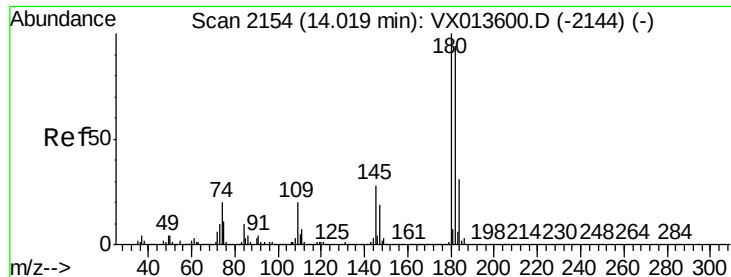


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 45.069 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.6	142.8
145	29.7	15.0	45.0

