

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013808.D
 Acq On : 06 Dec 2019 18:35
 Operator : JC/SP
 Sample : K6184-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Quant Time: Dec 07 02:39:59 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	592578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	922715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	314279	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.48	113	264018	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	985355	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
62) 4-Bromofluorobenzene	11.14	95	363093	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	302130	45.807	ug/l	98
3) Chloromethane	1.32	50	331011	44.726	ug/l	98
4) Vinyl Chloride	1.40	62	400638	48.097	ug/l	100
5) Bromomethane	1.63	94	230234	41.157	ug/l	98
6) Chloroethane	1.70	64	220654	46.551	ug/l	99
7) Trichlorofluoromethane	1.92	101	430495	46.542	ug/l	99
8) Diethyl Ether	2.18	74	203777	48.697	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259546	45.940	ug/l	99
10) Methyl Iodide	2.50	142	327463	47.915	ug/l	99
11) Tert butyl alcohol	3.04	59	426047	250.936	ug/l	99
12) 1,1-Dichloroethene	2.36	96	263247	46.680	ug/l	99
13) Acrolein	2.28	56	249304	220.292	ug/l	100
14) Allyl chloride	2.72	41	482435	47.140	ug/l	99
15) Acrylonitrile	3.13	53	876882	250.207	ug/l	100
16) Acetone	2.44	43	768796	226.383	ug/l	98
17) Carbon Disulfide	2.56	76	679134	42.245	ug/l	99
18) Methyl Acetate	2.76	43	477566	50.501	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	915470	49.003	ug/l	98
20) Methylene Chloride	2.84	84	303020	46.445	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	285731	46.510	ug/l	99
22) Diisopropyl ether	3.84	45	975726	49.514	ug/l	99
23) Vinyl Acetate	3.80	43	3796126	231.564	ug/l	100
24) 1,1-Dichloroethane	3.69	63	524256	48.666	ug/l	99
25) 2-Butanone	4.66	43	1254753	248.609	ug/l	100
26) 2,2-Dichloropropane	4.57	77	363735	40.810	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	332321	47.103	ug/l	98
28) Bromochloromethane	5.01	49	217795	51.161	ug/l	99
29) Tetrahydrofuran	5.11	42	809050	260.029	ug/l	99
30) Chloroform	5.20	83	520311	47.625	ug/l	99
31) Cyclohexane	5.57	56	454408	44.722	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	430910	47.199	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381700	45.571	ug/l	99
37) Ethyl Acetate	4.82	43	444227	47.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	364028	47.133	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	456798	44.120	ug/l	97
40) Benzene	6.13	78	1199070	47.003	ug/l	100
41) Methacrylonitrile	5.03	41	262940	51.024	ug/l	98
42) 1,2-Dichloroethane	6.18	62	414894	47.689	ug/l	99
43) Isopropyl Acetate	6.43	43	724795	46.853	ug/l	99
44) Trichloroethene	7.21	130	357483	51.060	ug/l	94
45) 1,2-Dichloropropane	7.51	63	311674	48.832	ug/l	98
46) Dibromomethane	7.65	93	204464	47.167	ug/l	99
47) Bromodichloromethane	7.89	83	399238	48.717	ug/l	99
48) Methyl methacrylate	7.76	41	376056	50.032	ug/l	98
49) 1,4-Dioxane	7.73	88	172608	1025.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2478868	254.745	ug/l	100
52) Toluene	8.78	92	744117	46.953	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	433094	46.430	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	480639	47.163	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	316192	49.510	ug/l	98
56) Ethyl methacrylate	9.17	69	509726	49.643	ug/l	99
57) 1,3-Dichloropropane	9.37	76	524611	47.657	ug/l	100
59) 2-Hexanone	9.49	43	1936323	255.139	ug/l	99
60) Dibromochloromethane	9.57	129	323489	48.808	ug/l	99
61) 1,2-Dibromoethane	9.67	107	329349	48.285	ug/l	98
64) Tetrachloroethene	9.33	164	273076	44.071	ug/l	96
65) Chlorobenzene	10.14	112	810498	46.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	300238	48.467	ug/l	98
67) Ethyl Benzene	10.25	91	1410472	47.580	ug/l	98
68) m/p-Xylenes	10.35	106	1079368	95.103	ug/l	100
69) o-Xylene	10.70	106	534365	48.276	ug/l	99
70) Styrene	10.71	104	905343	48.622	ug/l	99
71) Bromoform	10.85	173	259573	50.642	ug/l	100
73) Isopropylbenzene	11.01	105	1386104	48.695	ug/l	100
74) N-amyl acetate	10.89	43	642694	49.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	515612	52.233	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	564066	61.802	ug/l	89
77) Bromobenzene	11.25	156	365318	47.507	ug/l	98
78) n-propylbenzene	11.35	91	1553336	48.885	ug/l	100
79) 2-Chlorotoluene	11.42	91	919351	48.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1155262	49.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	160912	48.234	ug/l	99
82) 4-Chlorotoluene	11.51	91	1047182	47.433	ug/l	100
83) tert-Butylbenzene	11.76	119	1175070	49.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1155380	48.797	ug/l	99
85) sec-Butylbenzene	11.94	105	1319792	48.734	ug/l	100
86) p-Isopropyltoluene	12.06	119	1228632	48.767	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	630186	47.012	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	632390	46.317	ug/l	99
89) n-Butylbenzene	12.39	91	1008648	46.940	ug/l	99
90) Hexachloroethane	12.59	117	224539	49.308	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	641265	48.418	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110065	51.201	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	401750	43.525	ug/l	98

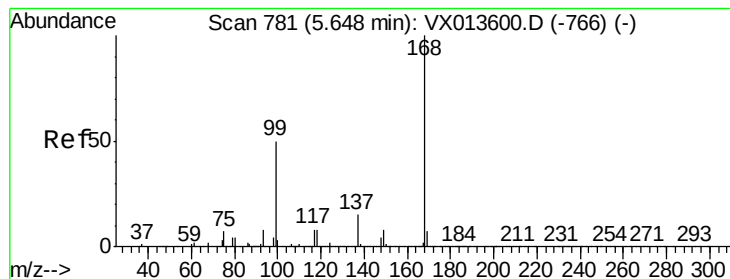
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	192646	43.447	ug/l	98
95) Naphthalene	13.83	128	1320765	48.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	411835	45.063	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: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

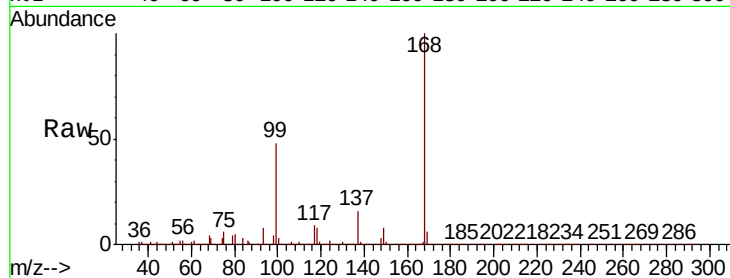
RE134D1-20191202MS

Tot Ion:168 Resp: 592578

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

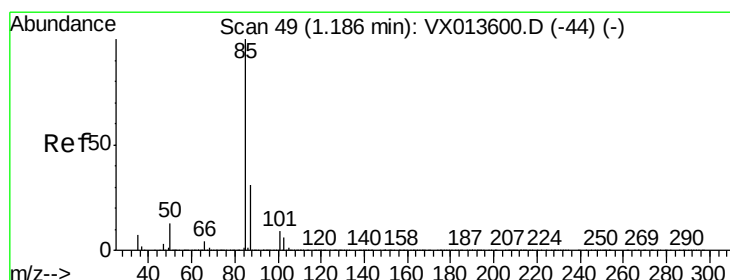
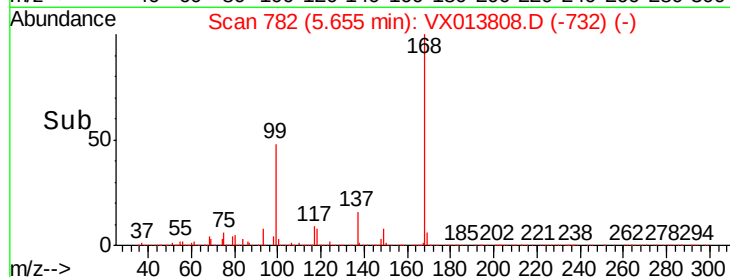
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.807 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013808.D

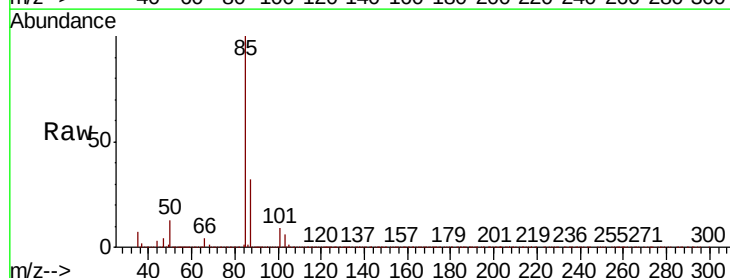
Acq: 06 Dec 2019 18:35

Tgt Ion: 85 Resp: 302130

Ion Ratio Lower Upper

85 100

87 32.3 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

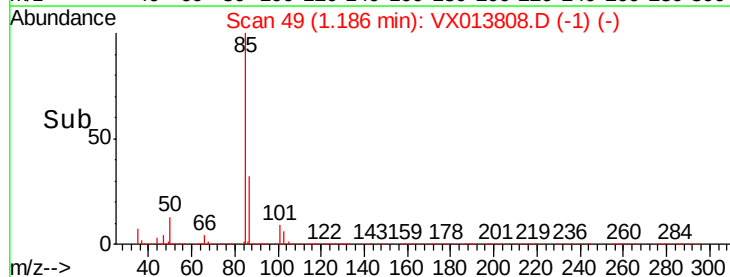
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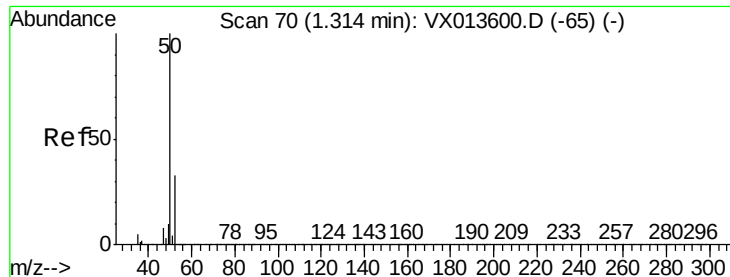
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.726 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

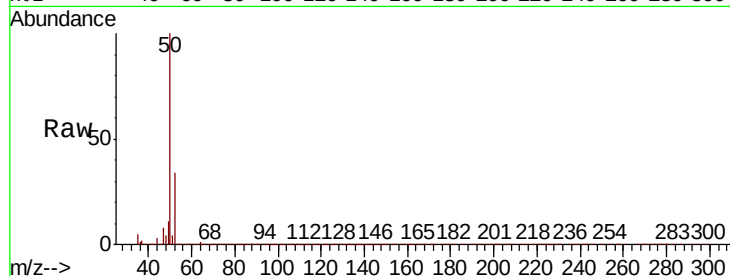
RE134D1-20191202MS

Tot Ion: 50 Resp: 331011

Ion Ratio Lower Upper

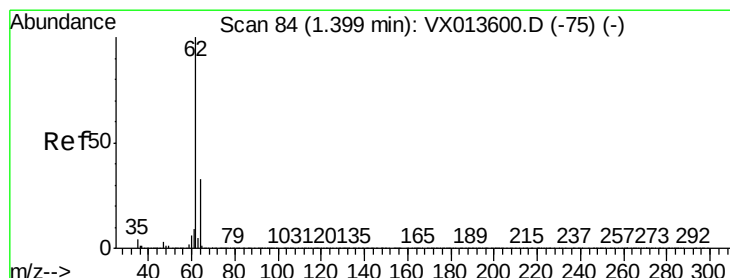
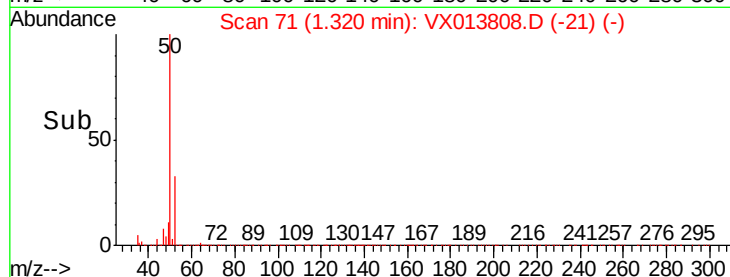
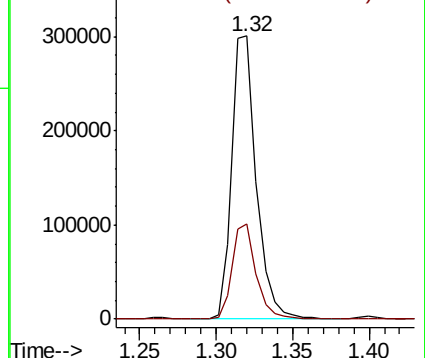
50 100

52 33.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.097 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013808.D

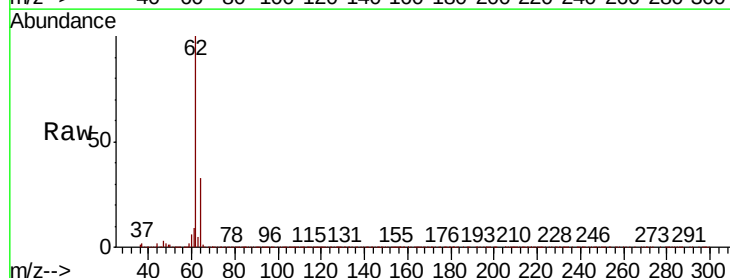
Acq: 06 Dec 2019 18:35

Tgt Ion: 62 Resp: 400638

Ion Ratio Lower Upper

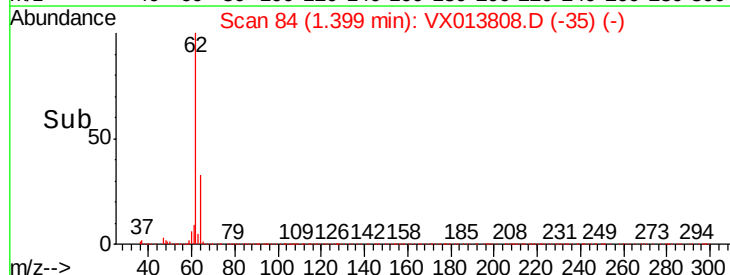
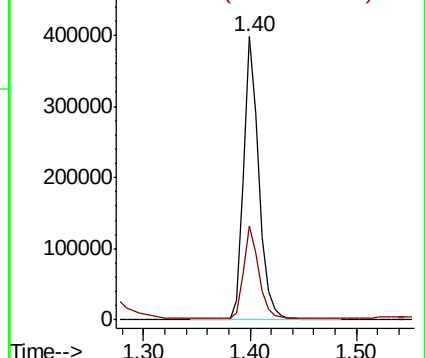
62 100

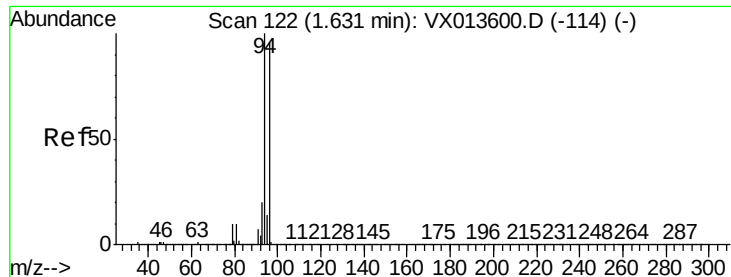
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.157 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

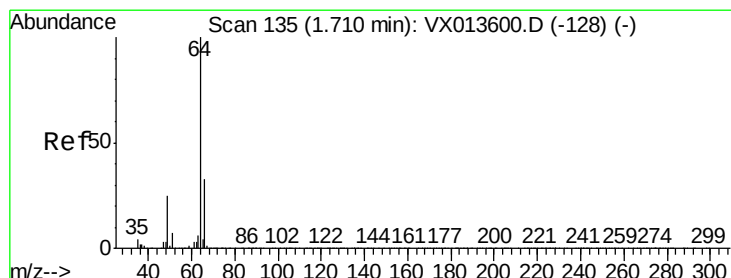
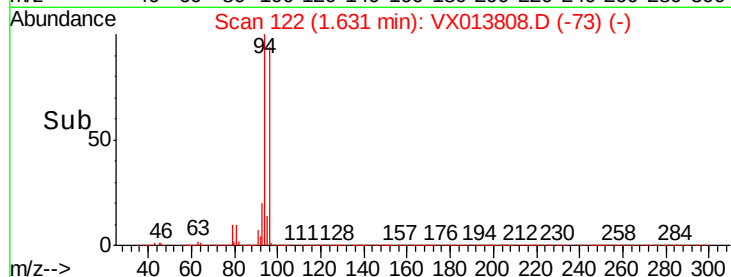
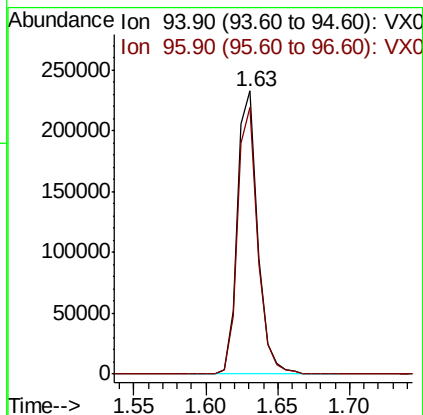
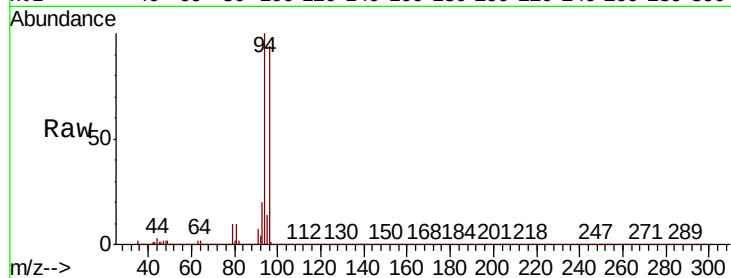
RE134D1-20191202MS

Tot Ion: 94 Resp: 230234

Ion Ratio Lower Upper

94 100

96 94.1 77.0 115.4



#6

Chloroethane

Concen: 46.551 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013808.D

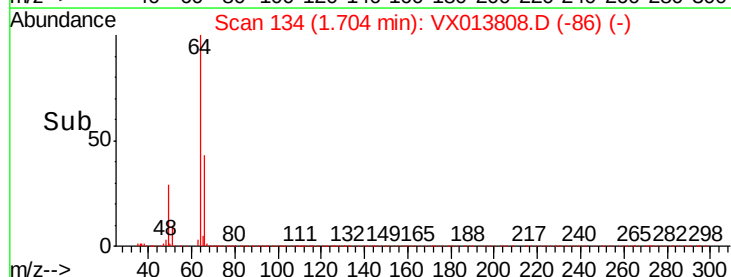
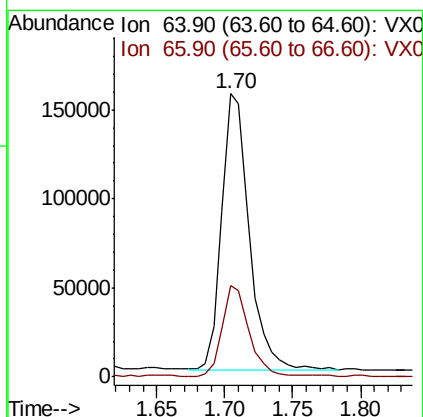
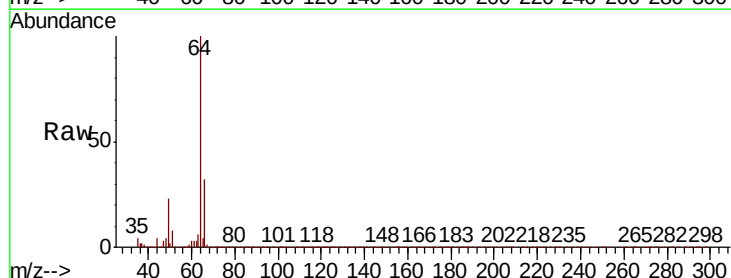
Acq: 06 Dec 2019 18:35

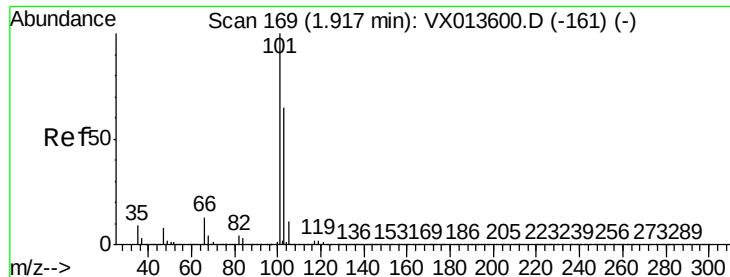
Tgt Ion: 64 Resp: 220654

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1



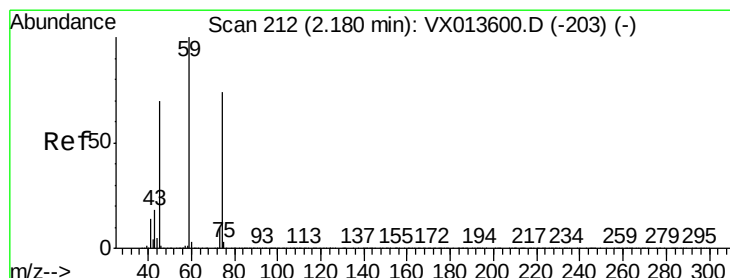
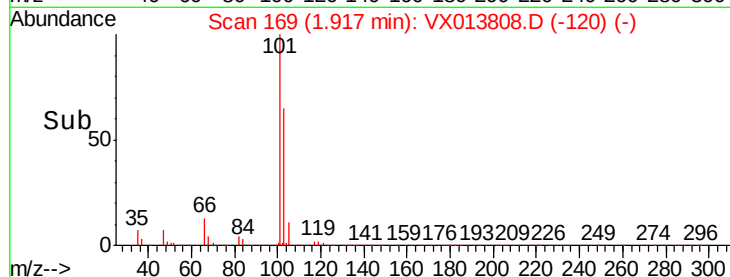
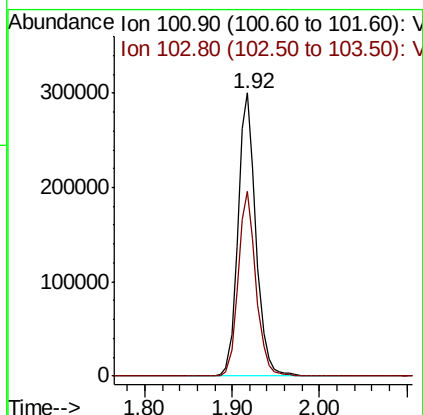
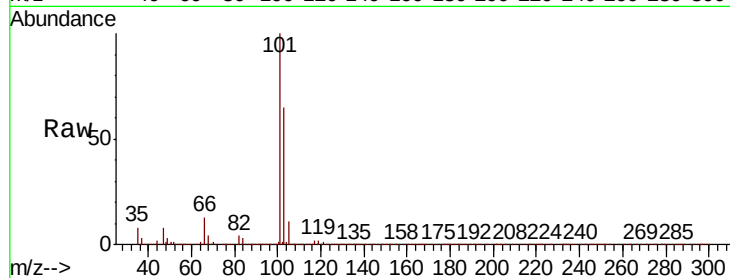


#7

Trichlorofluoromethane
Concen: 46.542 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

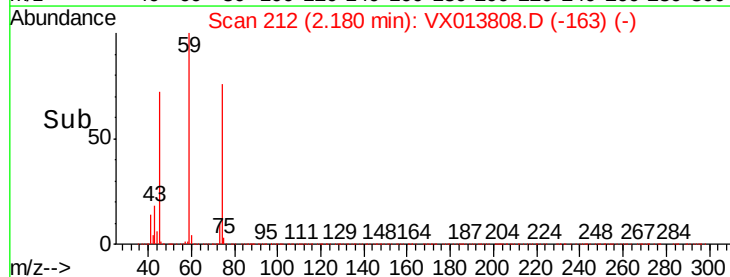
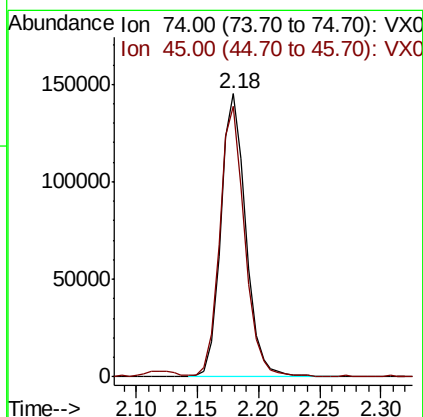
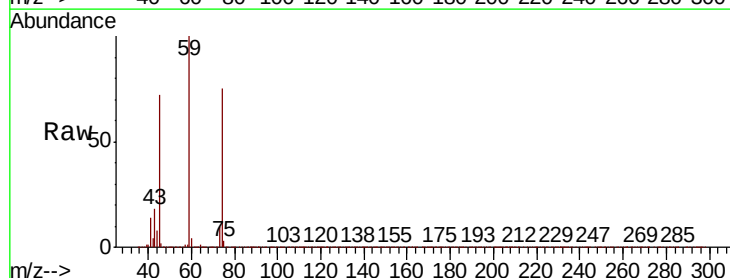
Tot Ion:101 Resp: 430495
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

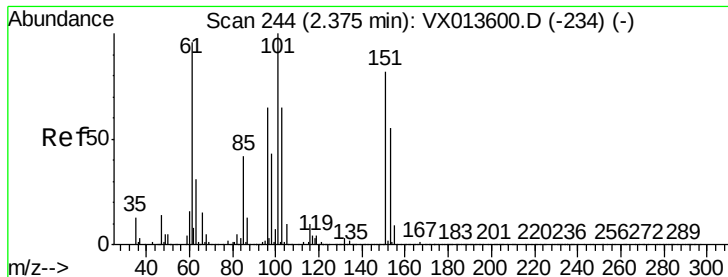


#8

Diethyl Ether
Concen: 48.697 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 74 Resp: 203777
Ion Ratio Lower Upper
74 100
45 95.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.940 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

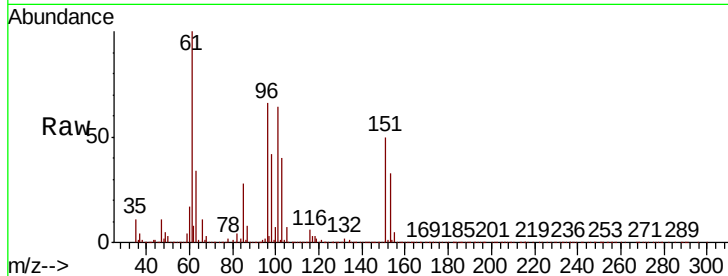
Tot Ion:101 Resp: 259546

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

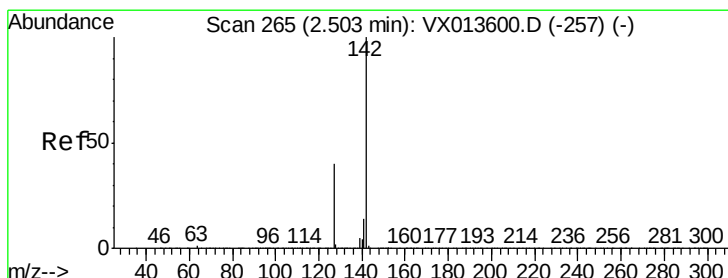
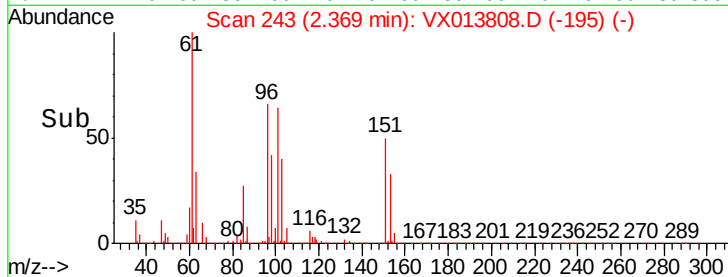
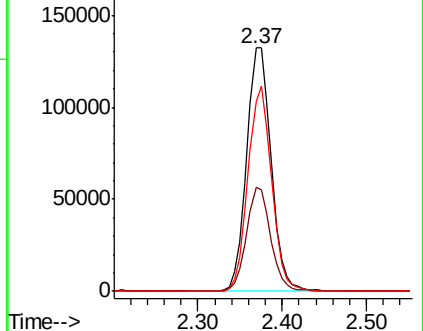
151 81.6 64.2 96.2



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: 47.915 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

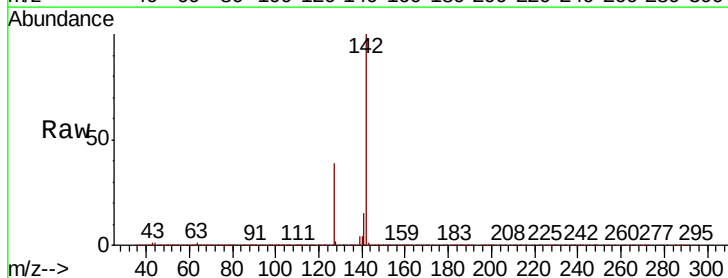
Tgt Ion:142 Resp: 327463

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

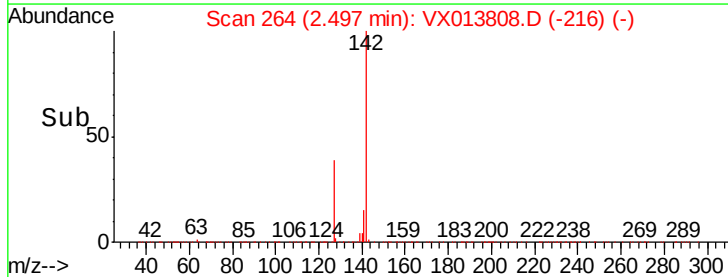
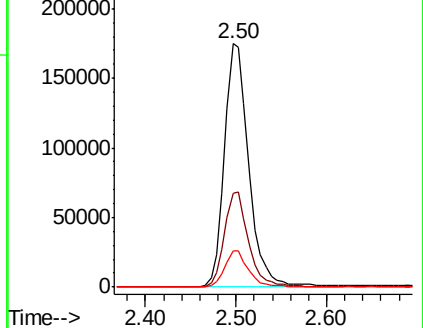
141 14.6 11.6 17.4

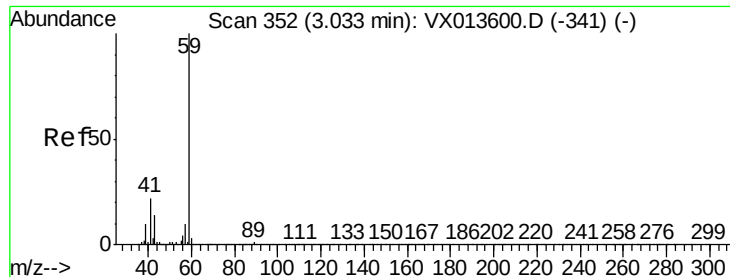


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



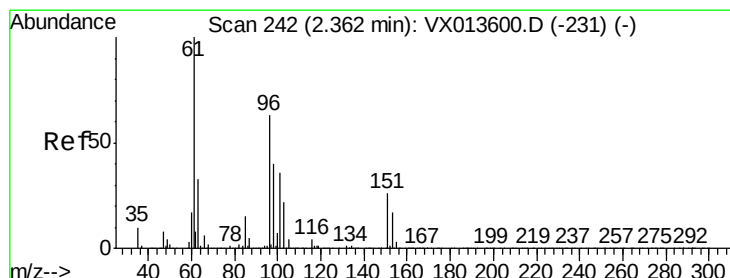
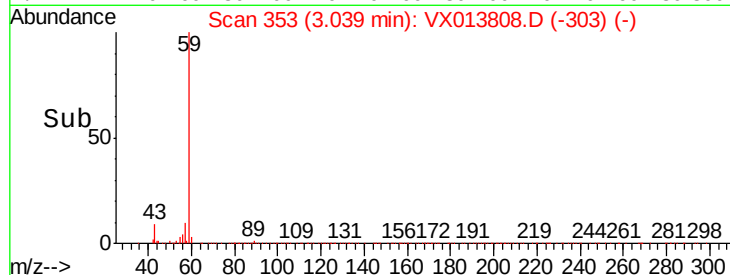
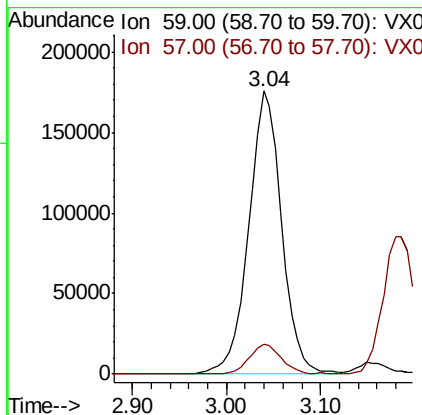
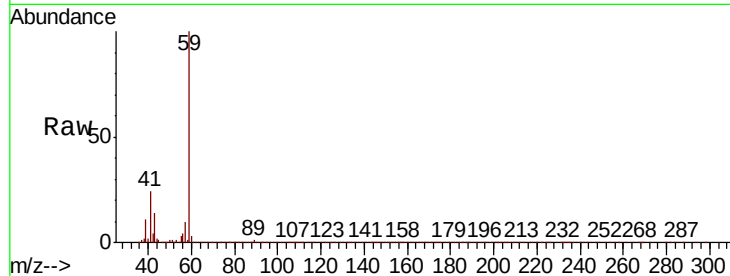


#11

Tert butyl alcohol
Concen: 250.936 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

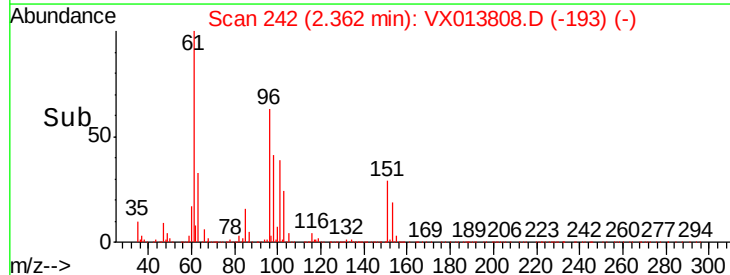
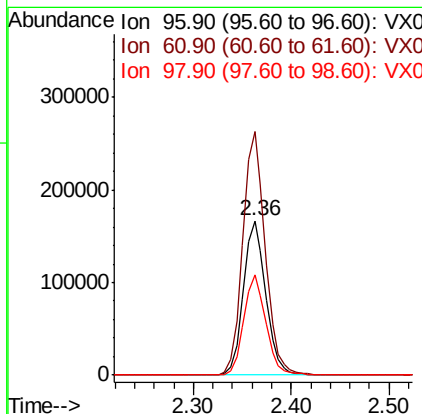
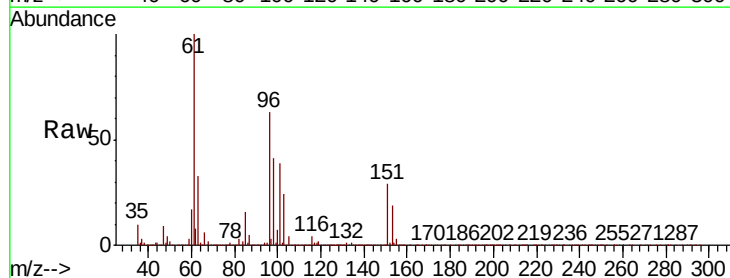
Tot Ion: 59 Resp: 426047
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

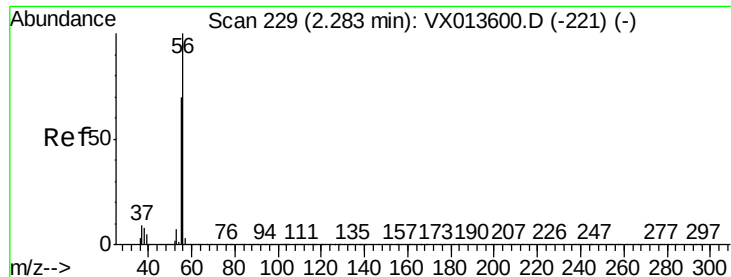


#12

1,1-Dichloroethene
Concen: 46.680 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 96 Resp: 263247
Ion Ratio Lower Upper
96 100
61 157.6 126.6 190.0
98 64.9 50.6 76.0





#13

Acrolein

Concen: 220.292 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

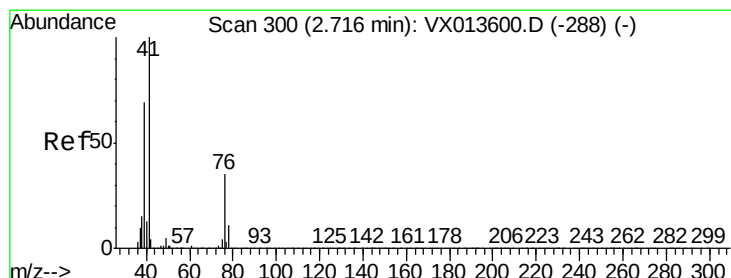
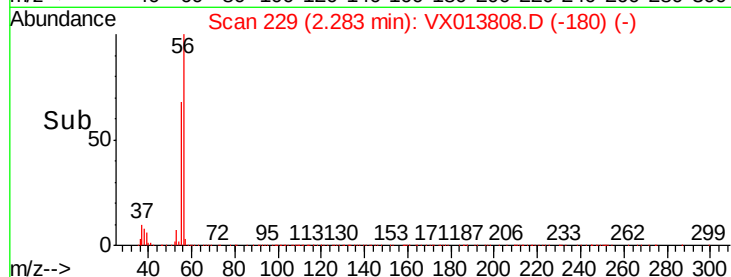
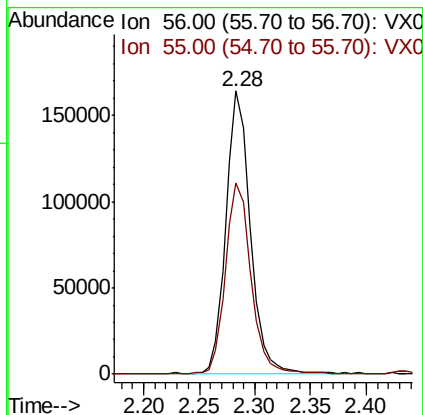
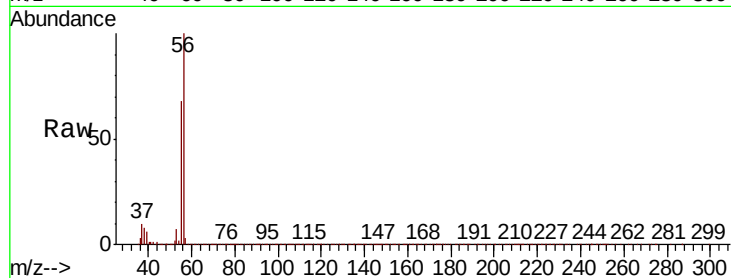
RE134D1-20191202MS

Tot Ion: 56 Resp: 249304

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4



#14

Allyl chloride

Concen: 47.140 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

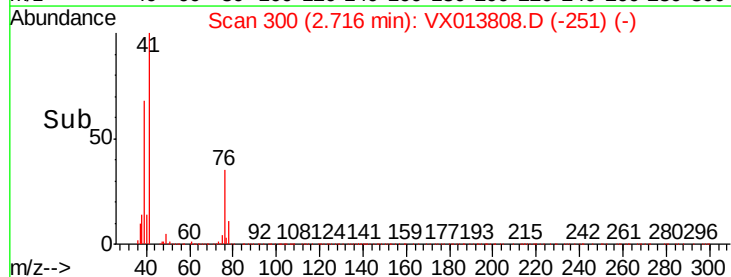
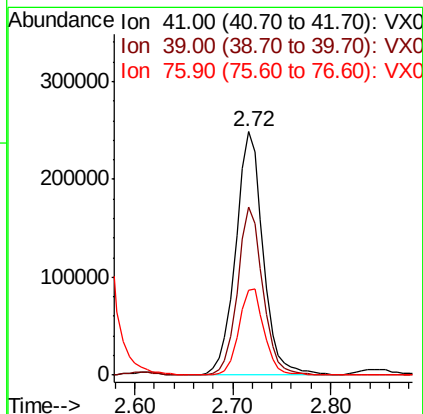
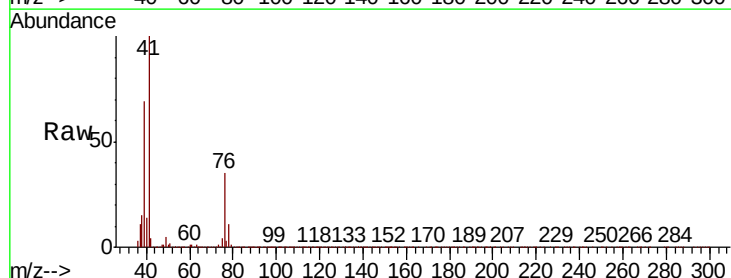
Tgt Ion: 41 Resp: 482435

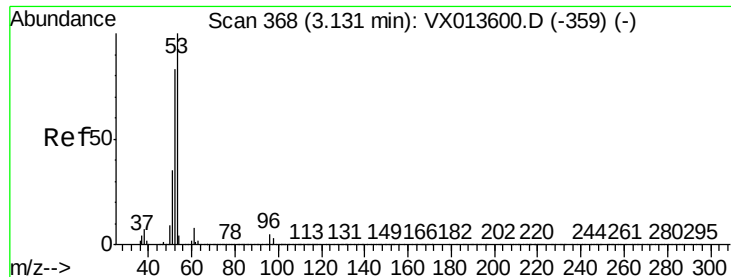
Ion Ratio Lower Upper

41 100

39 63.3 51.7 77.5

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 250.207 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

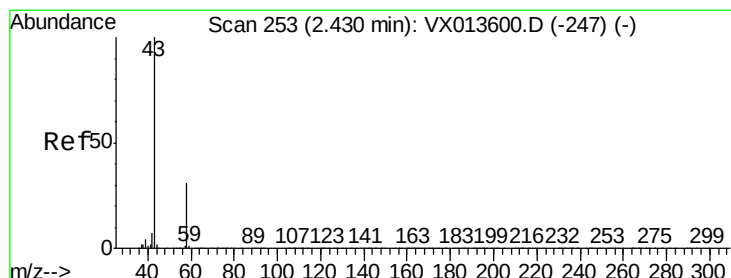
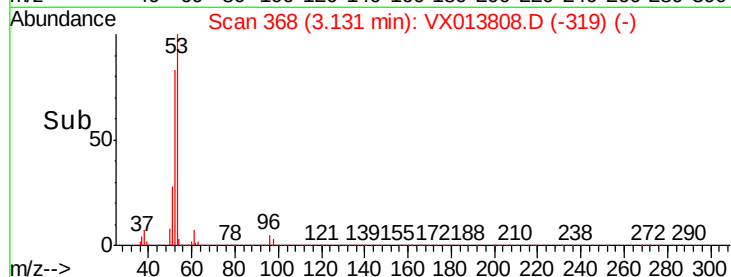
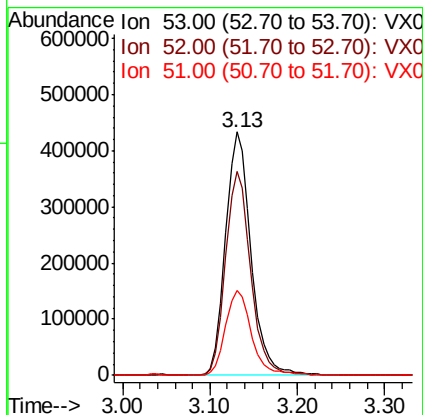
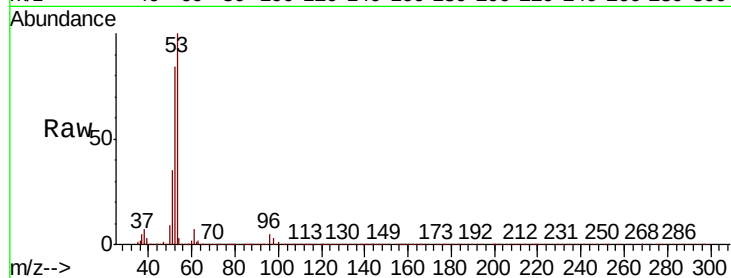
Tot Ion: 53 Resp: 876882

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.6	29.0	43.6

53 100

52 82.6 66.2 99.2

51 35.6 29.0 43.6



#16

Acetone

Concen: 226.383 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013808.D

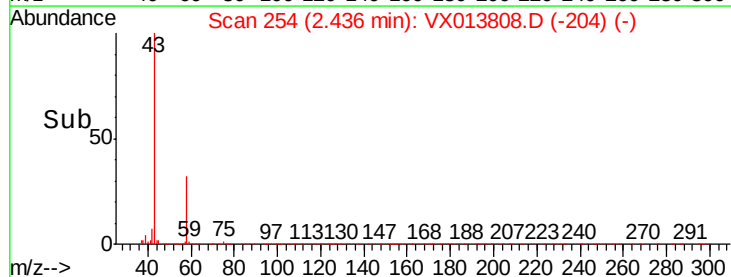
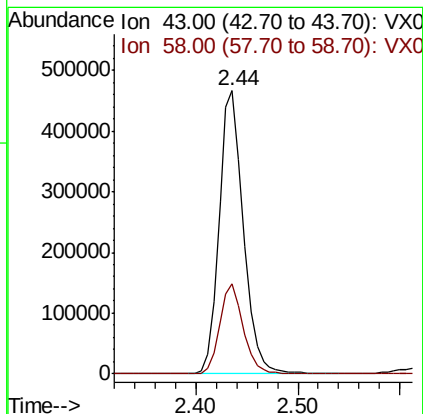
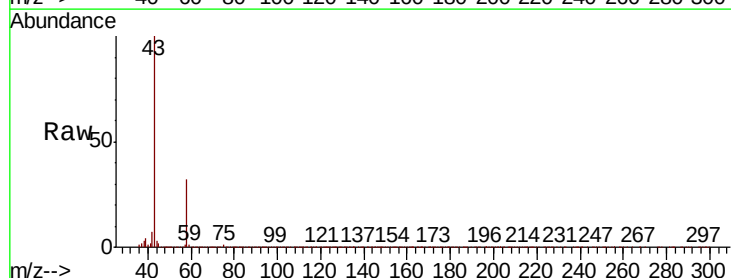
Acq: 06 Dec 2019 18:35

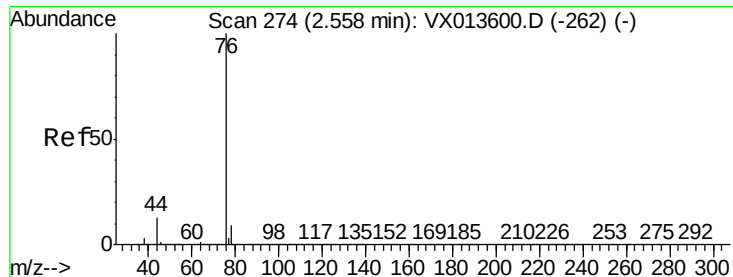
Tgt Ion: 43 Resp: 768796

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.6	36.8

43 100

58 31.8 24.6 36.8

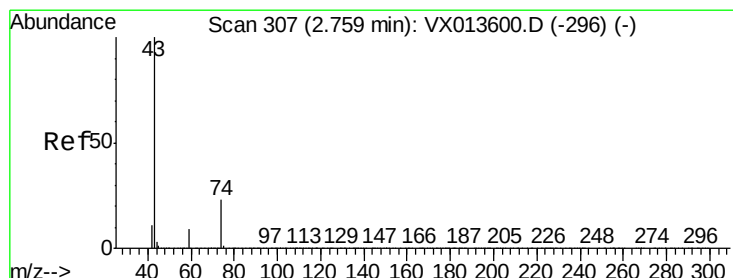
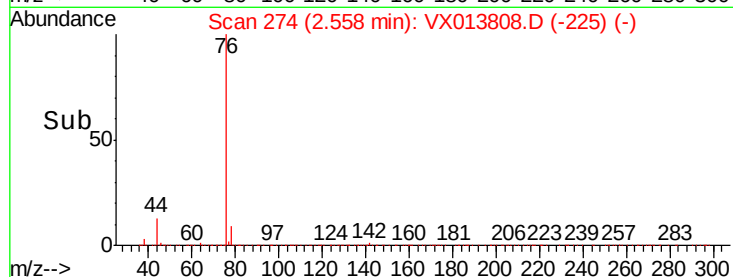
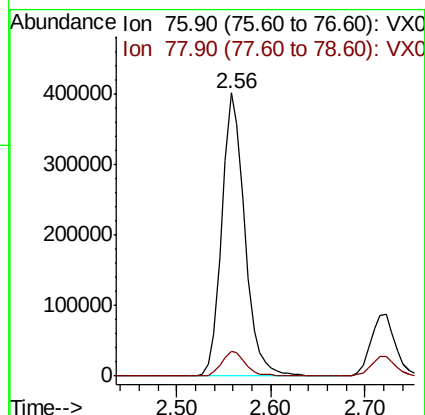
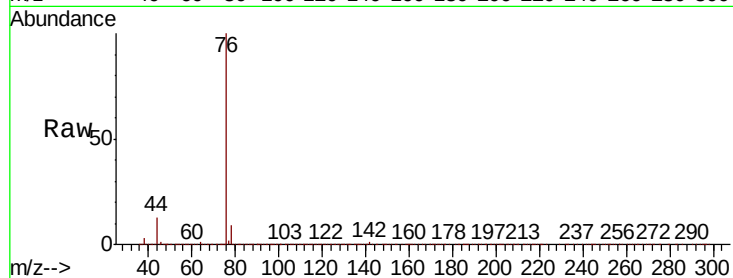




#17
Carbon Disulfide
Concen: 42.245 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

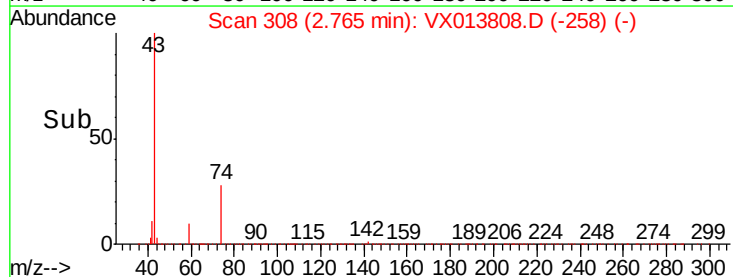
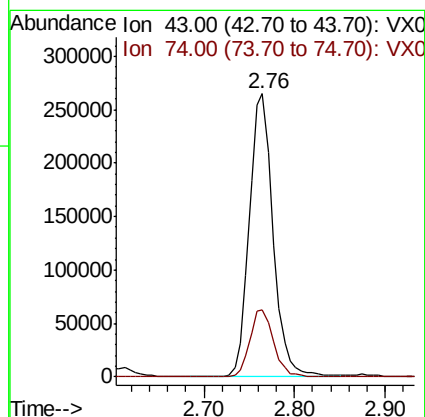
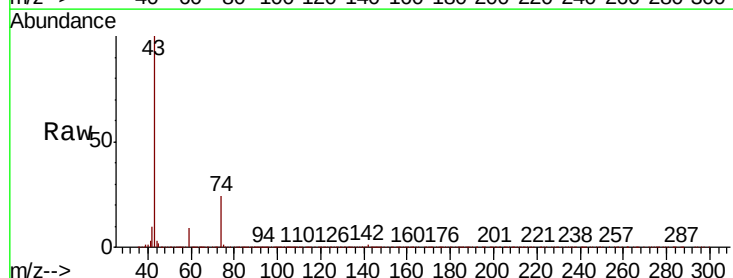
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

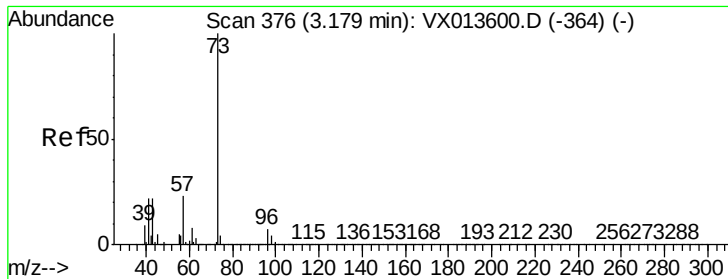
Tot Ion: 76 Resp: 679134
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 50.501 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 43 Resp: 477566
Ion Ratio Lower Upper
43 100
74 24.1 19.5 29.3

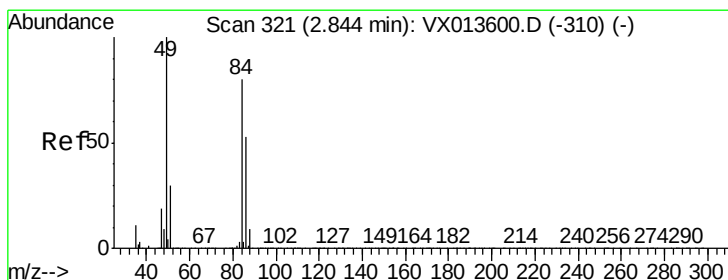
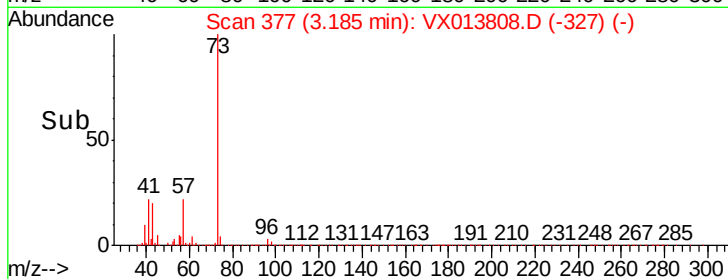
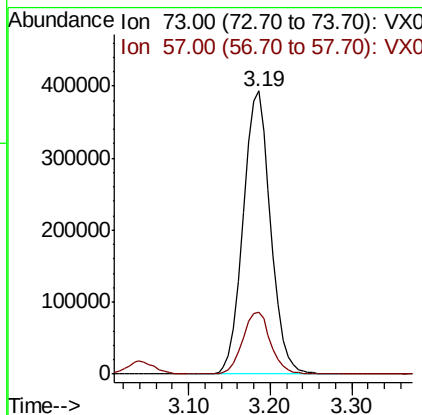
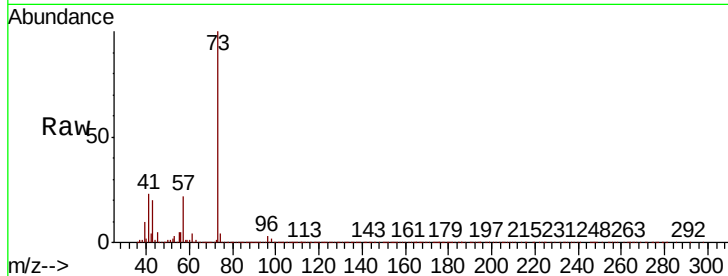




#19
Methyl tert-butyl Ether
Concen: 49.003 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

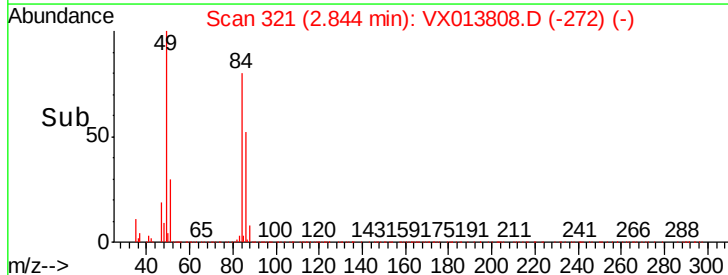
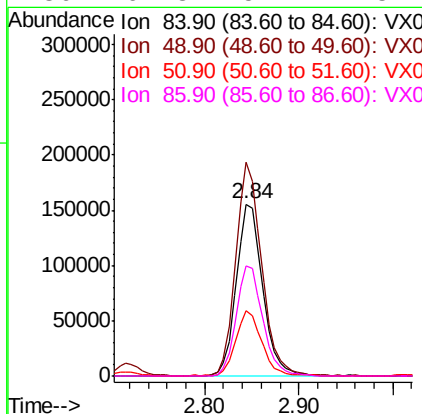
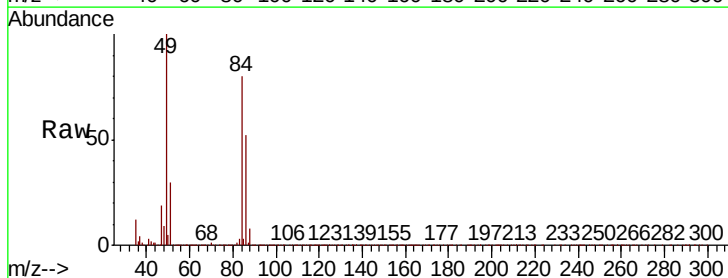
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

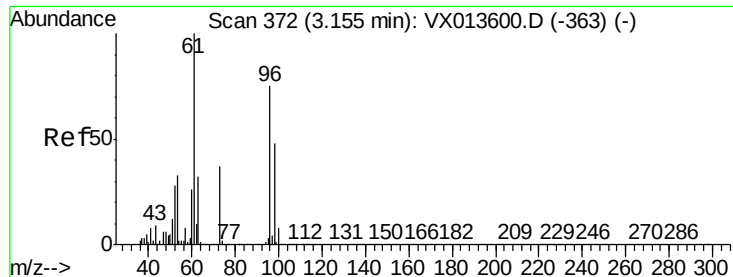
Tot Ion: 73 Resp: 915470
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 46.445 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 84 Resp: 303020
Ion Ratio Lower Upper
84 100
49 124.2 99.7 149.5
51 37.6 29.9 44.9
86 64.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.510 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

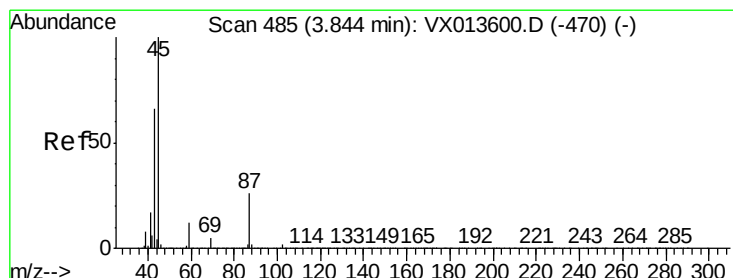
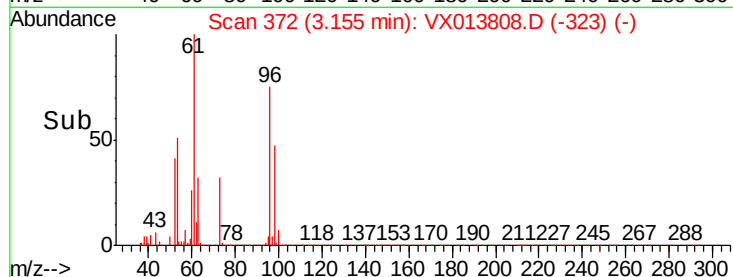
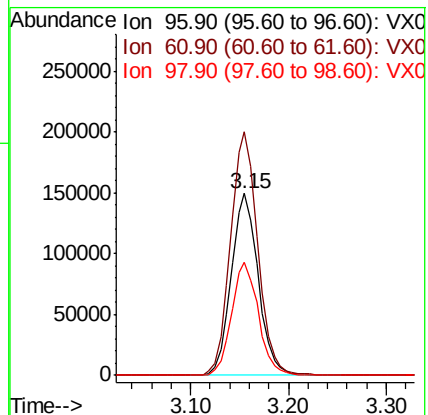
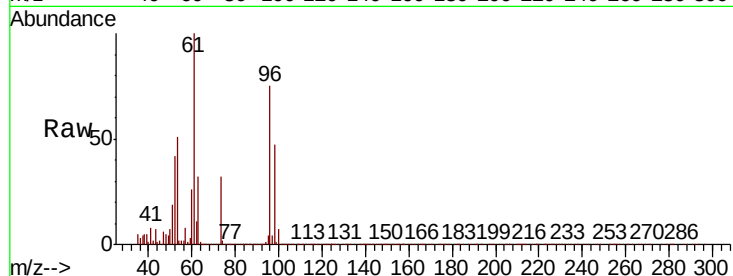
Tot Ion: 96 Resp: 285731

Ion Ratio Lower Upper

96 100

61 133.6 107.2 160.8

98 62.2 51.4 77.0



#22

Diisopropyl ether

Concen: 49.514 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion: 45 Resp: 975726

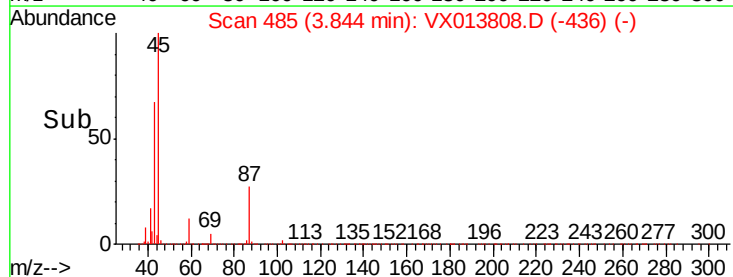
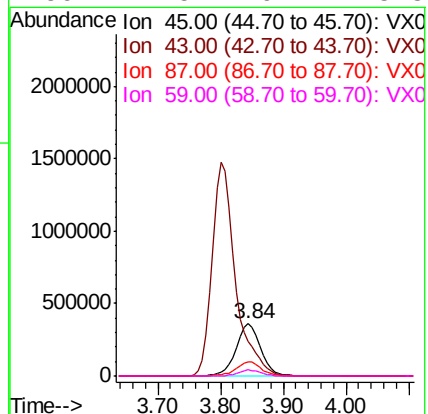
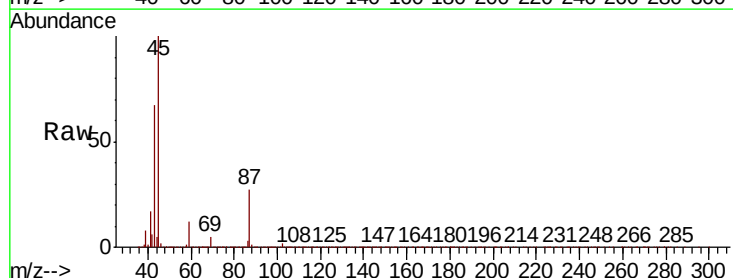
Ion Ratio Lower Upper

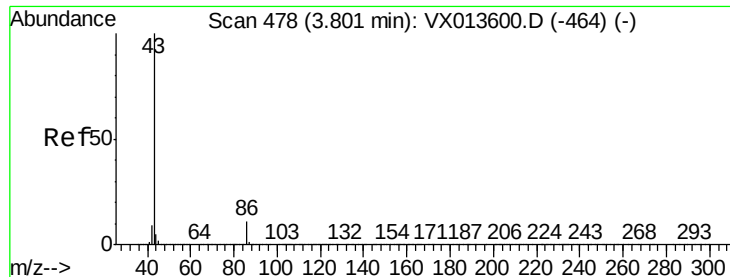
45 100

43 66.7 52.6 79.0

87 26.6 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 231.564 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

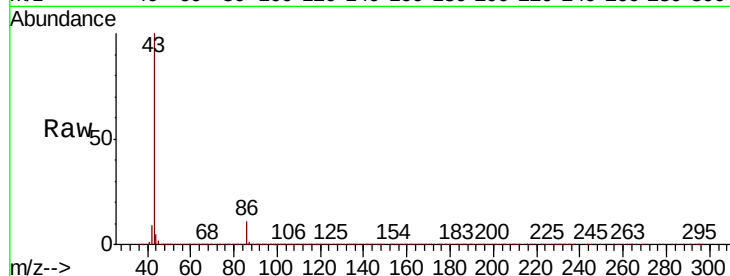
RE134D1-20191202MS

Tot Ion: 43 Resp: 3796126

Ion Ratio Lower Upper

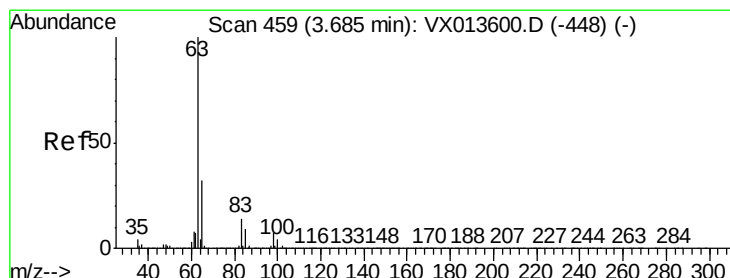
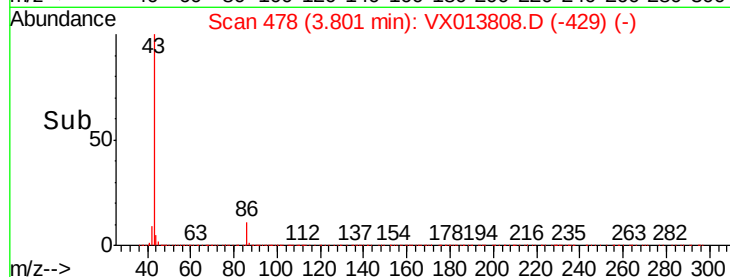
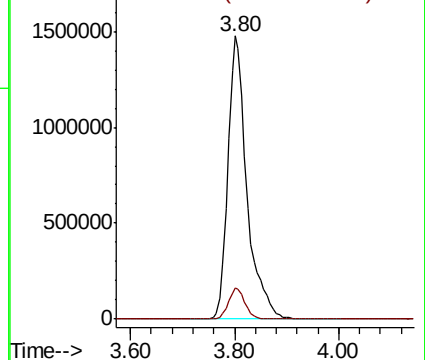
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.666 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

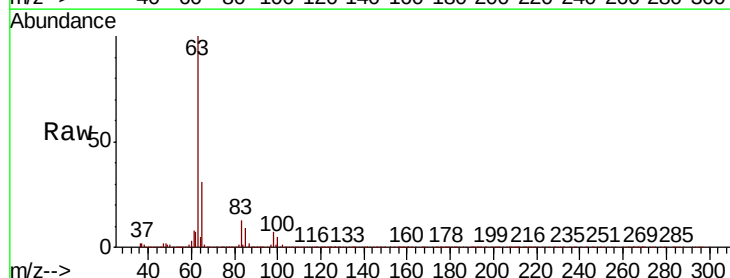
Tgt Ion: 63 Resp: 524256

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

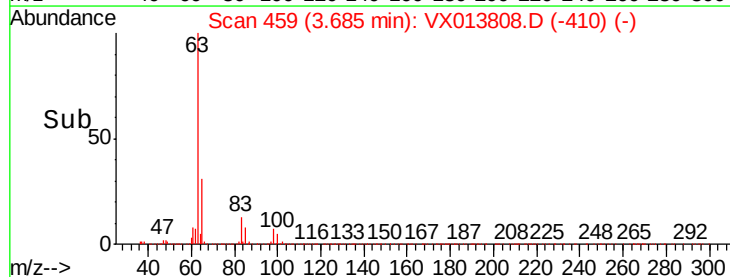
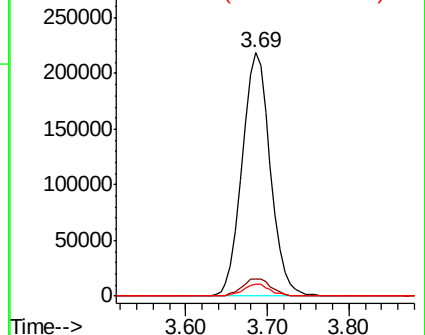
100 4.9 2.1 6.3

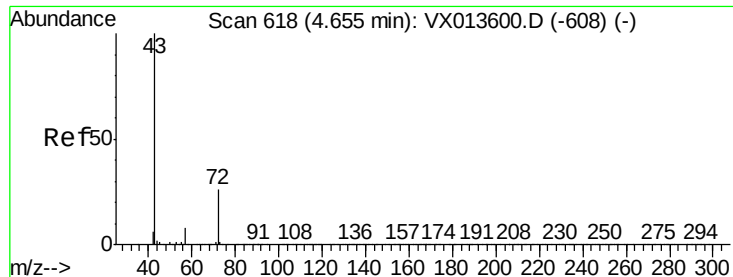


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.609 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

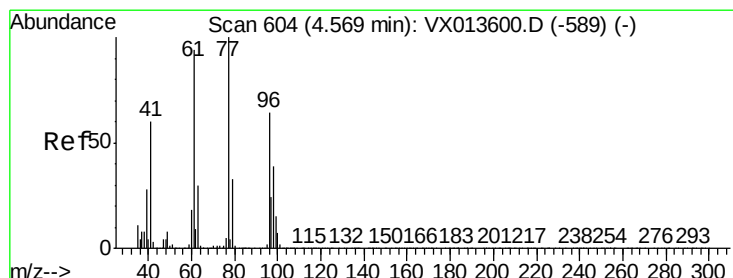
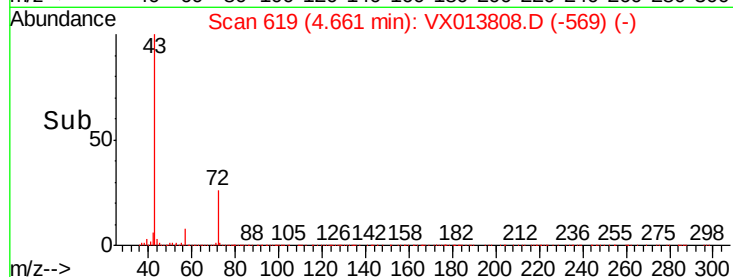
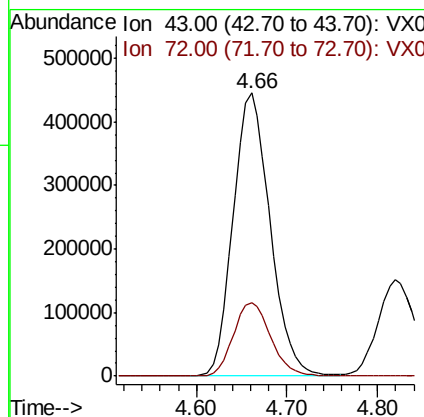
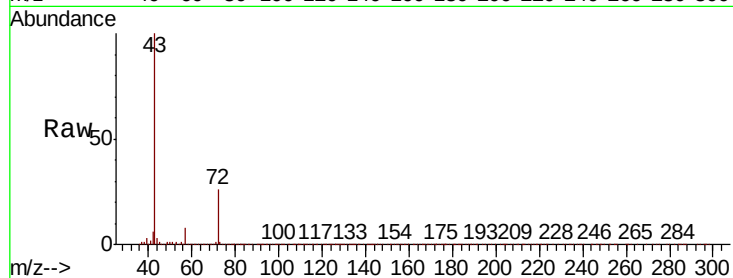
RE134D1-20191202MS

Tot Ion: 43 Resp: 1254753

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 40.810 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013808.D

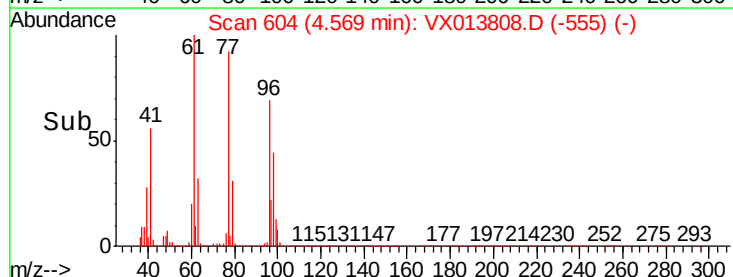
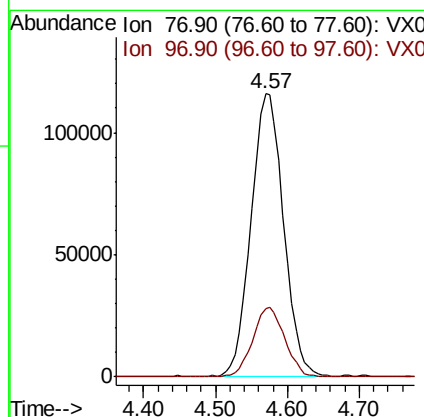
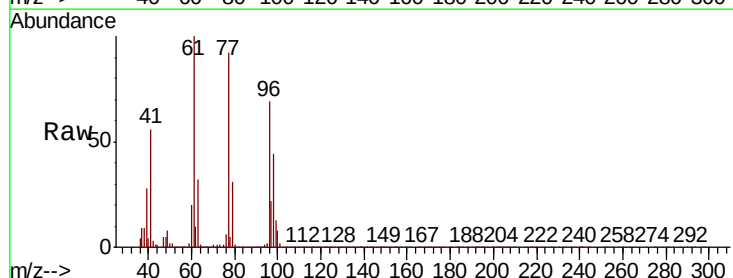
Acq: 06 Dec 2019 18:35

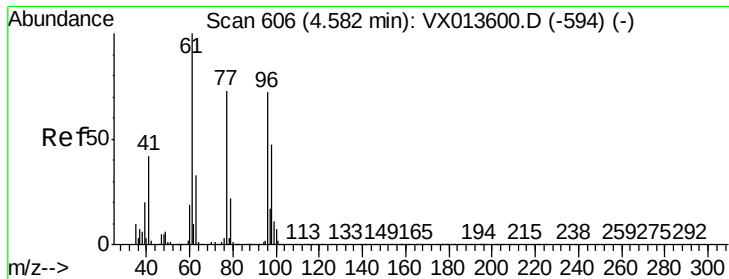
Tgt Ion: 77 Resp: 363735

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1



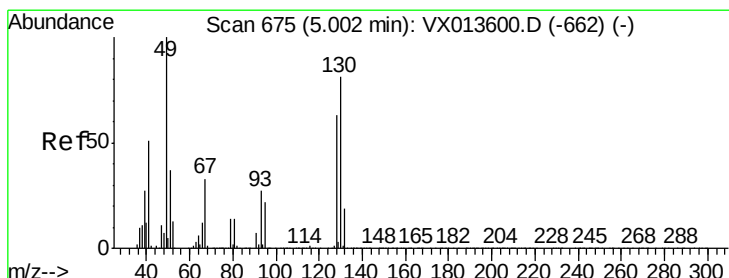
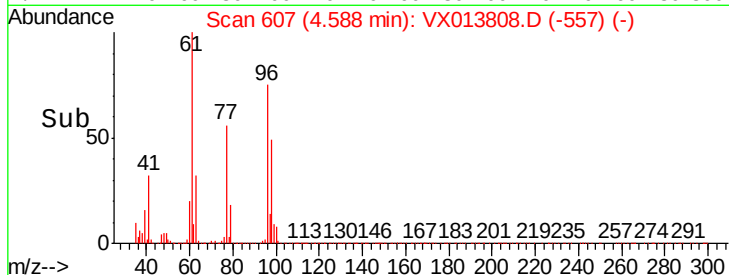
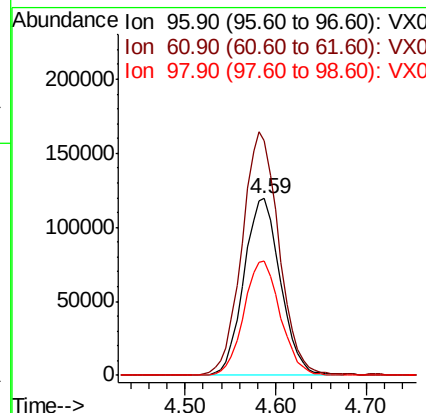
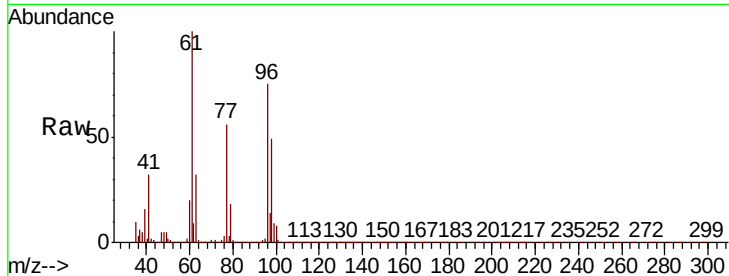


#27

cis-1,2-Dichloroethene
Concen: 47.103 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

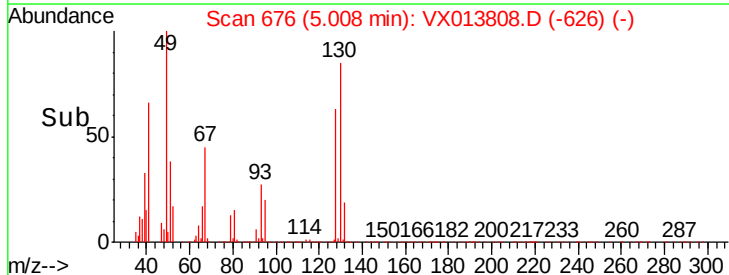
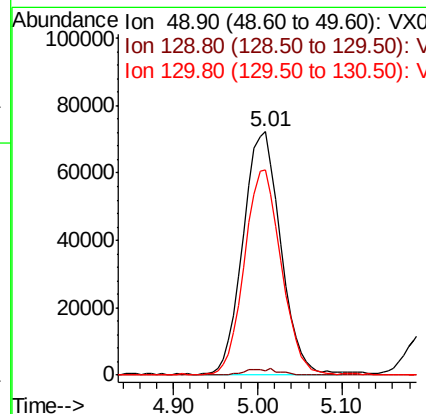
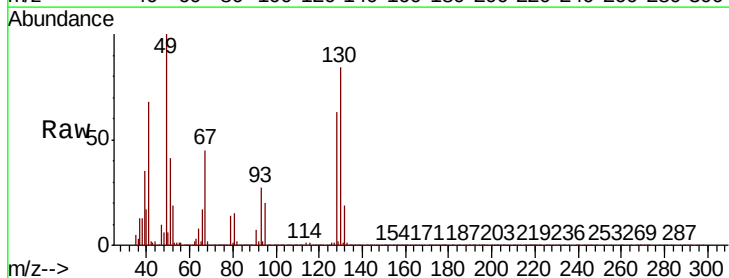
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	286.4
98	64.5	0.0	127.4

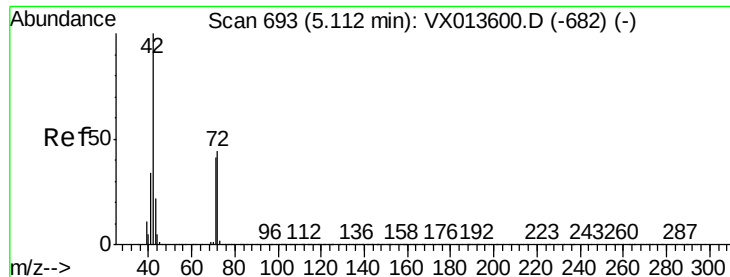


#28

Bromochloromethane
Concen: 51.161 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 260.029 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

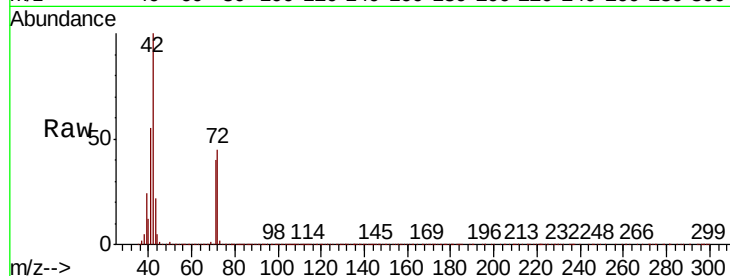
Tot Ion: 42 Resp: 809050

Ion Ratio Lower Upper

42 100

72 45.2 36.3 54.5

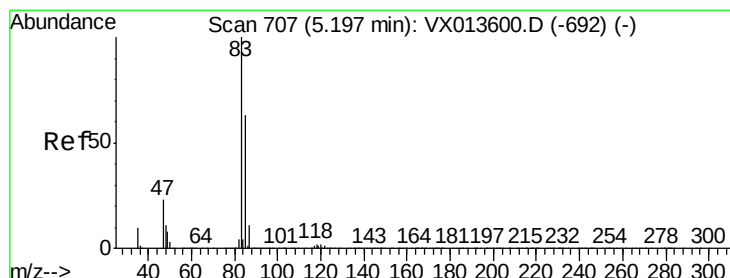
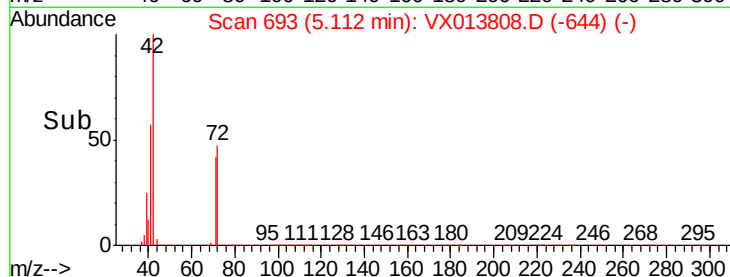
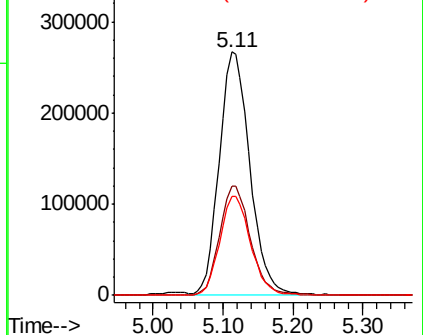
71 40.9 33.2 49.8



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: 47.625 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013808.D

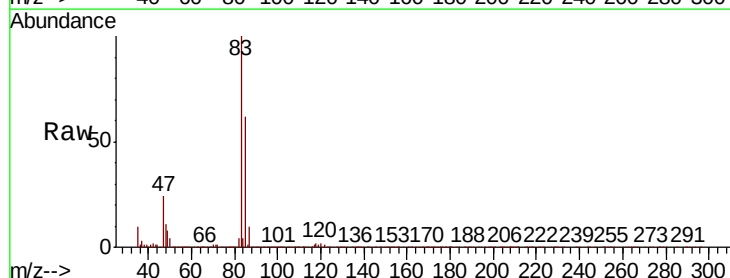
Acq: 06 Dec 2019 18:35

Tgt Ion: 83 Resp: 520311

Ion Ratio Lower Upper

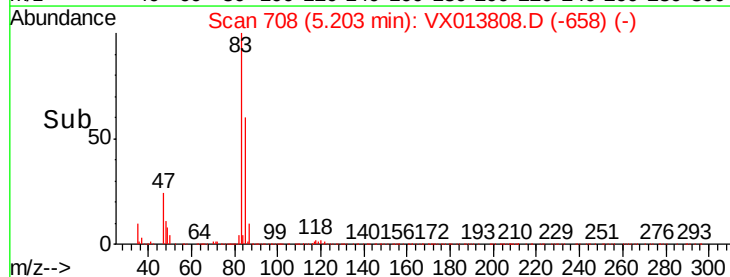
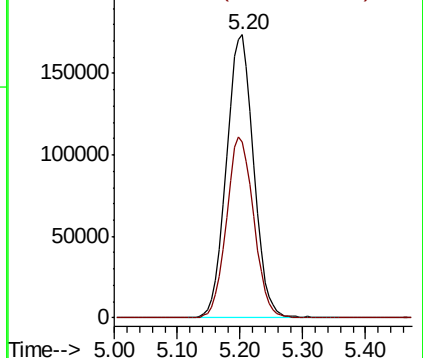
83 100

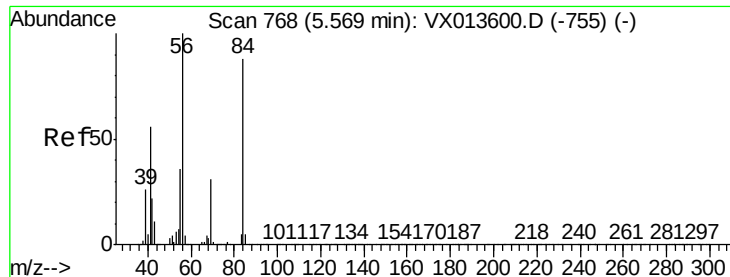
85 62.2 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

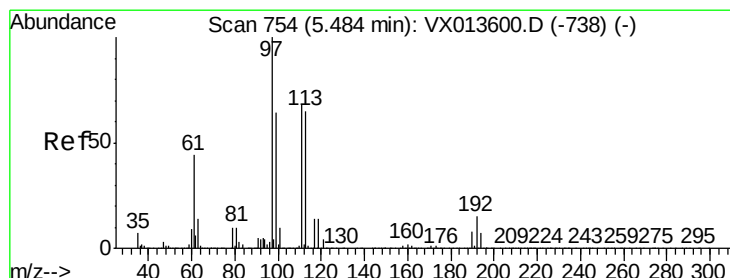
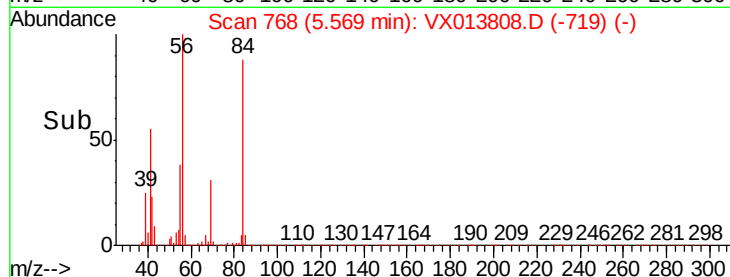
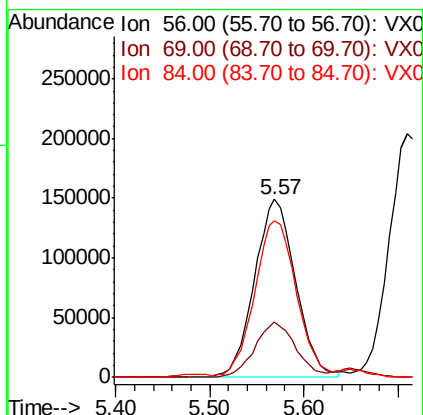
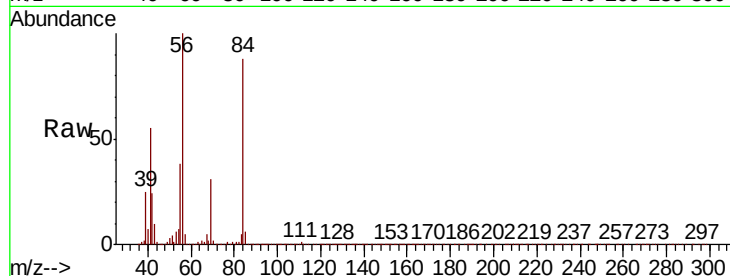




#31
Cyclohexane
Concen: 44.722 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

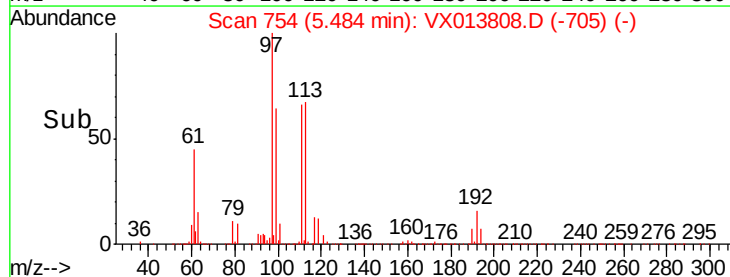
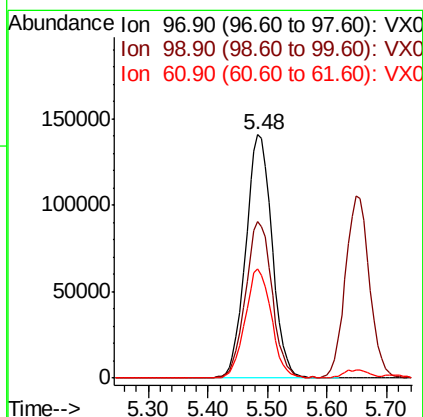
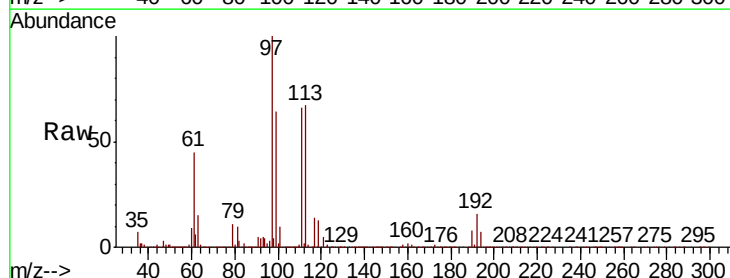
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

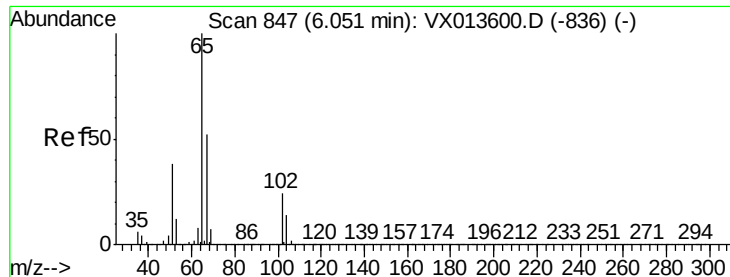
Tot Ion: 56 Resp: 454408
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 86.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.199 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 97 Resp: 430910
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.690 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

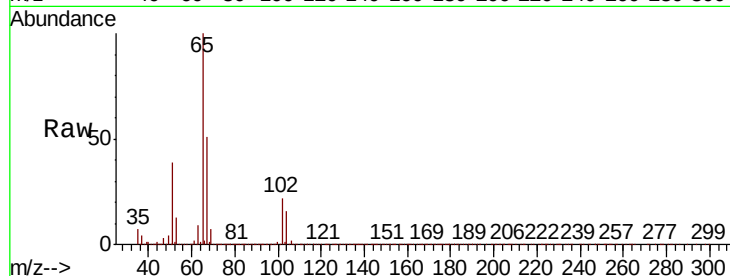
RE134D1-20191202MS

Tot Ion: 65 Resp: 314279

Ion Ratio Lower Upper

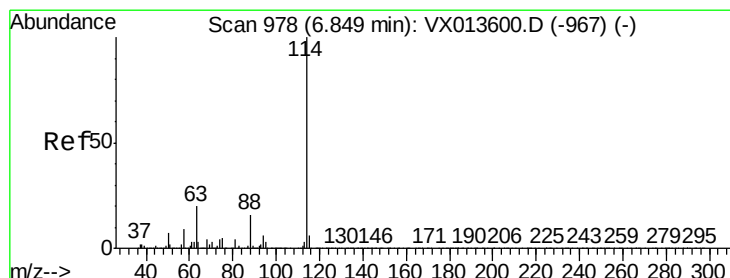
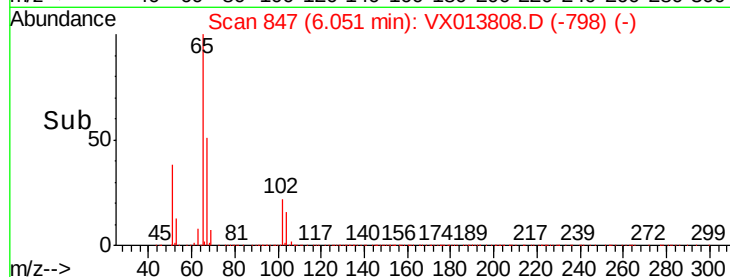
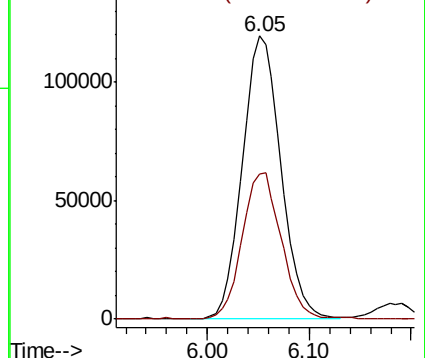
65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

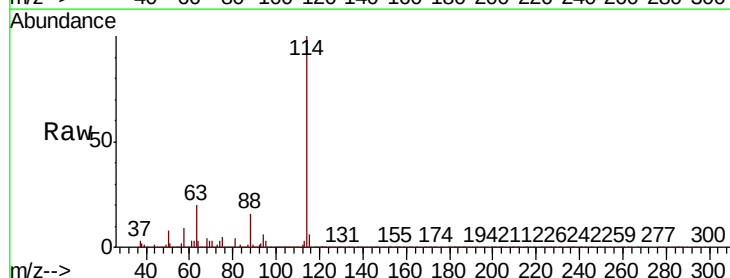
Tgt Ion: 114 Resp: 922715

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

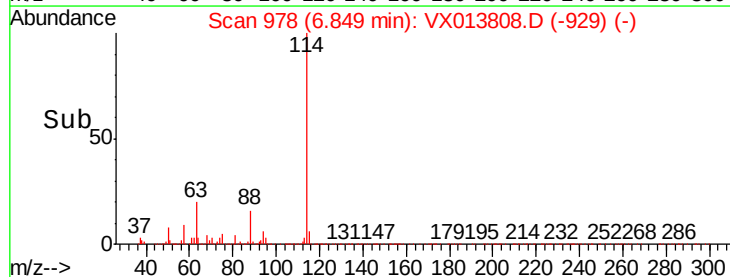
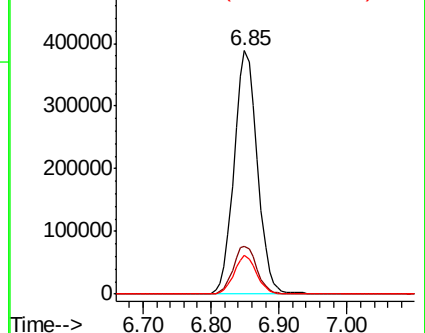
88 16.0 0.0 31.4

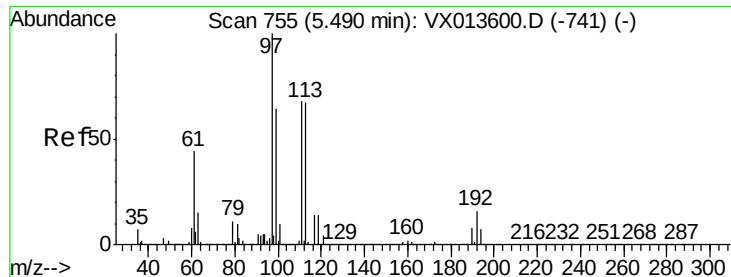


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

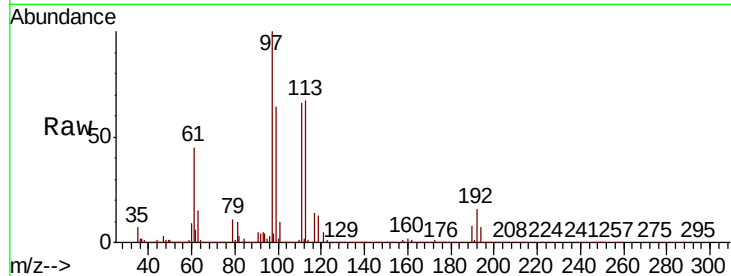
Tot Ion:113 Resp: 264018

Ion Ratio Lower Upper

113 100

111 101.8 83.6 125.4

192 23.5 19.2 28.8

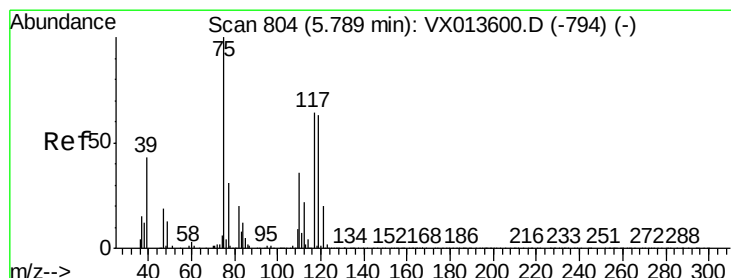
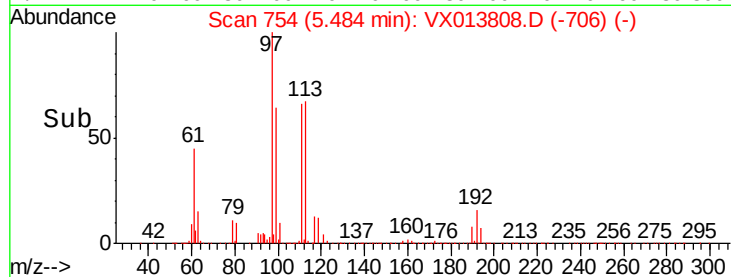
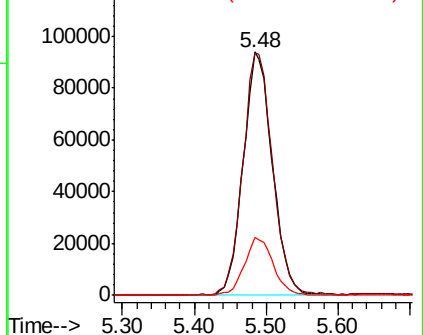


Abundance

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: 45.571 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

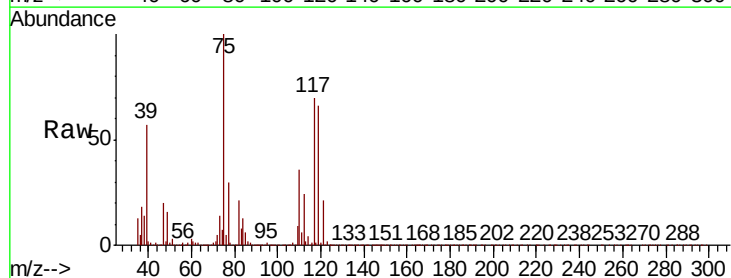
Tgt Ion: 75 Resp: 381700

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.1

77 30.4 24.5 36.7

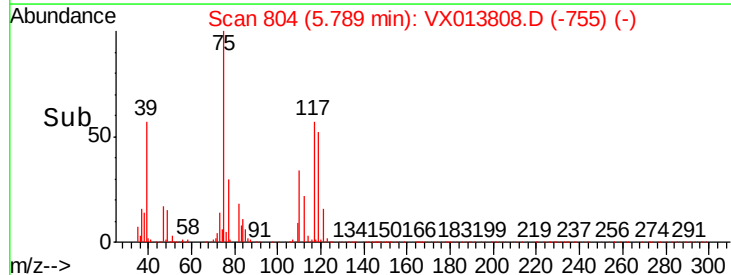
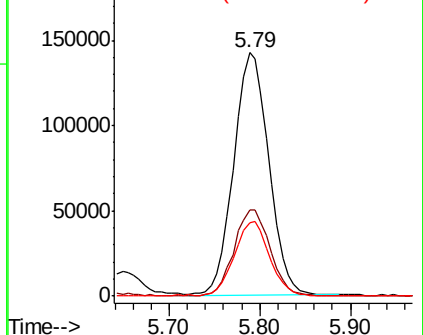


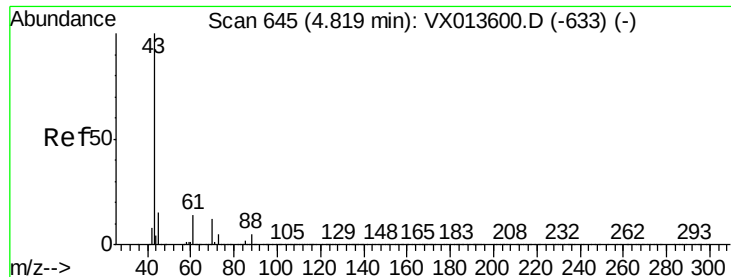
Abundance

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

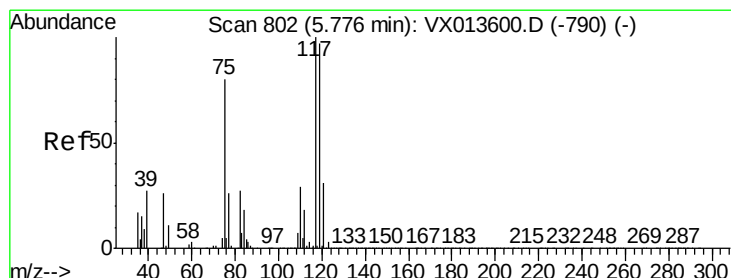
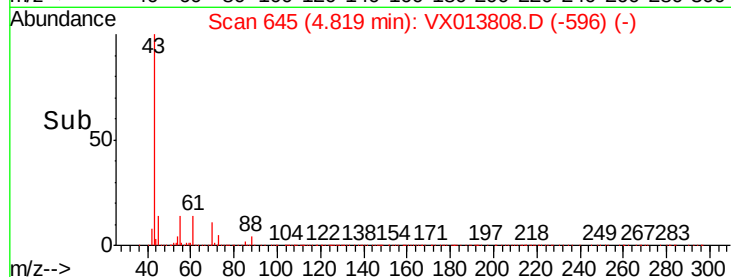
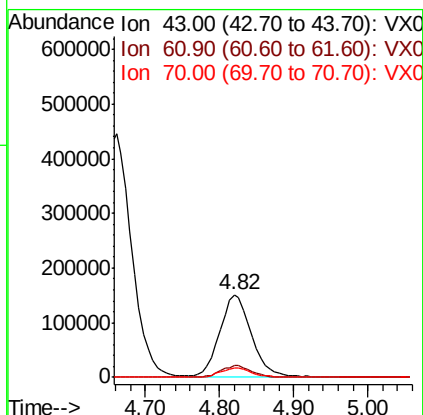
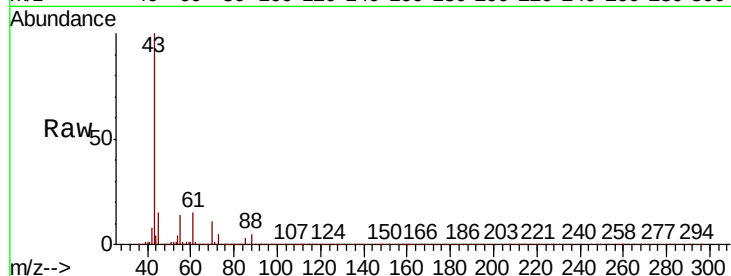




#37
Ethyl Acetate
Concen: 47.276 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

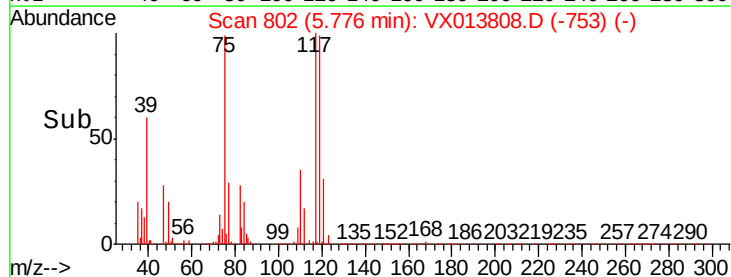
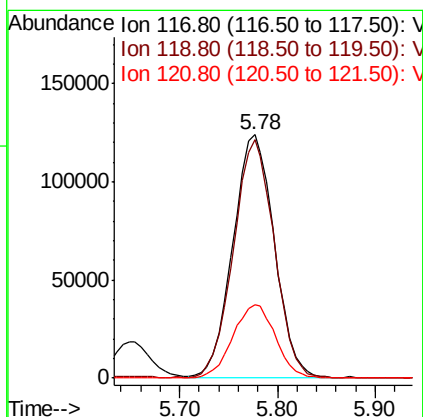
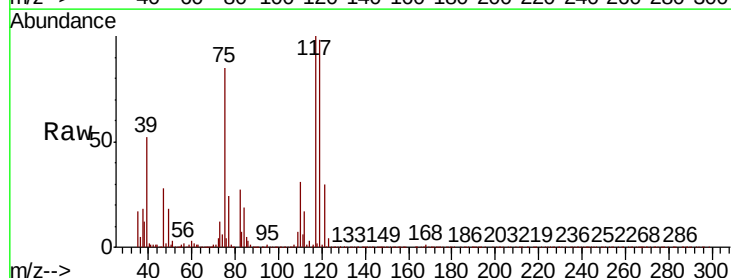
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

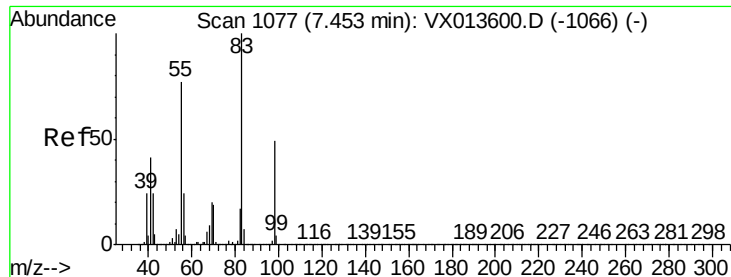
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 47.133 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.5	116.3
121	30.2	25.0	37.6

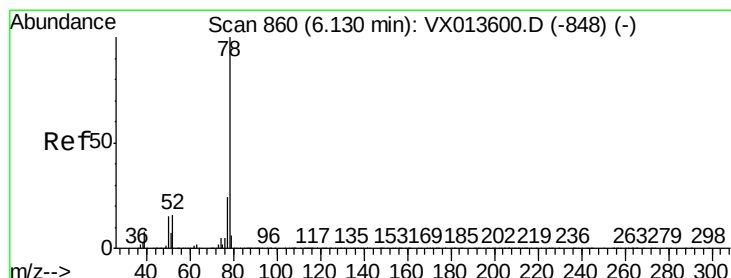
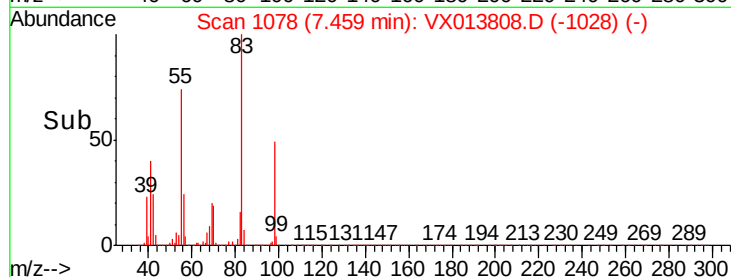
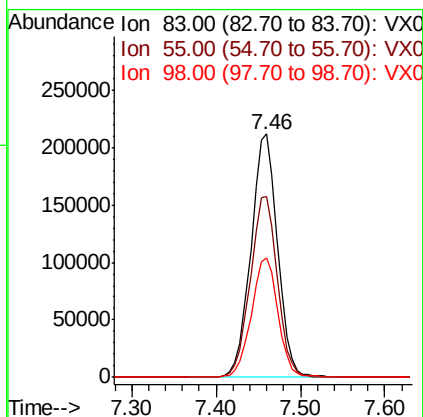
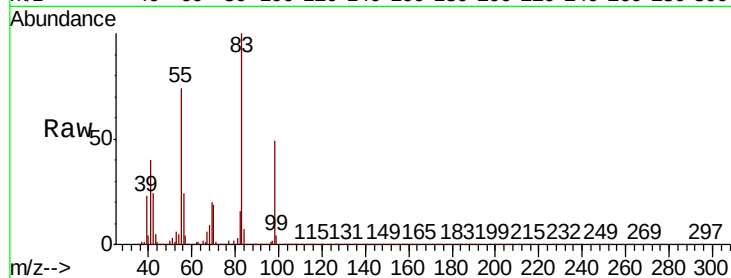




#39
Methylvlcyclohexane
Concen: 44.120 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

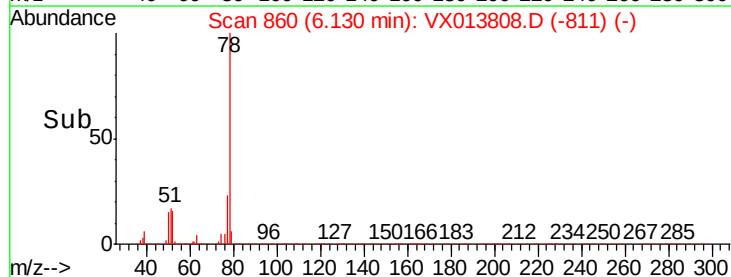
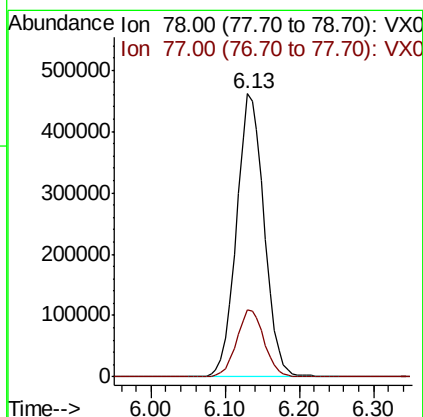
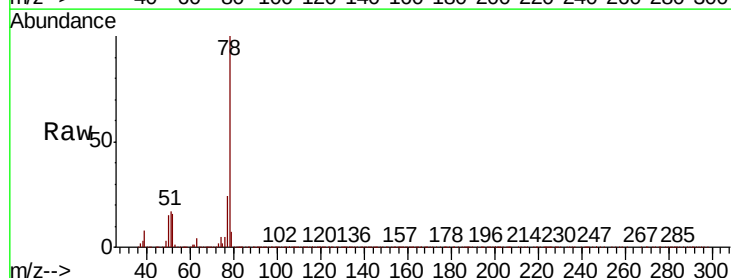
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

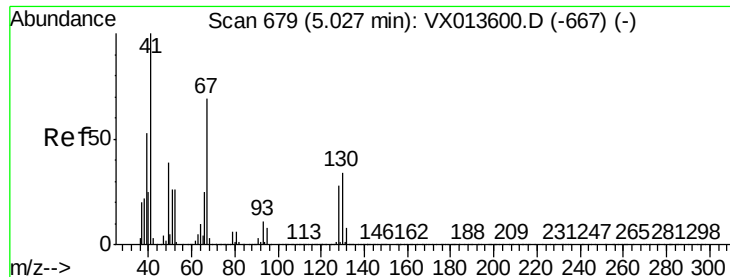
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.9	92.9
98	48.8	39.4	59.0



#40
Benzene
Concen: 47.003 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4

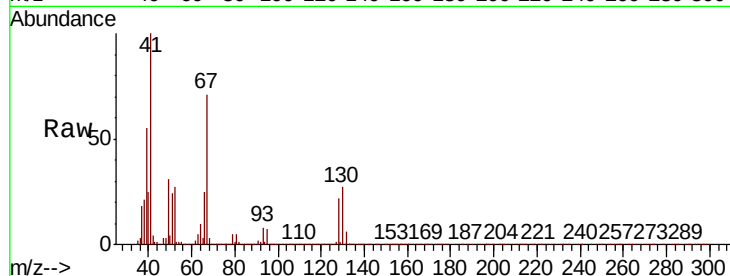




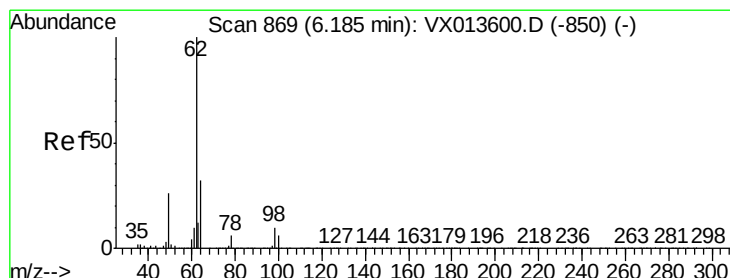
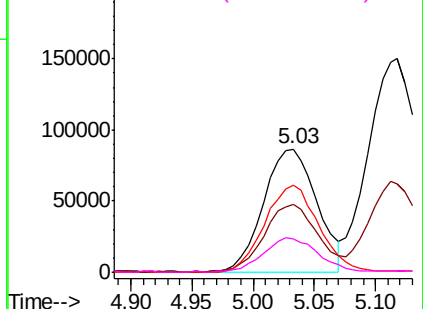
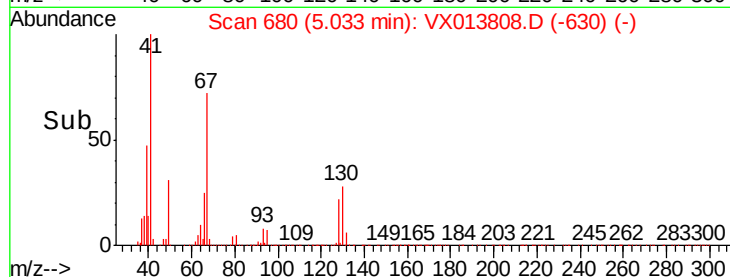
#41
Methacrylonitrile
Concen: 51.024 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion:	41	Resp:	262940
Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.9	64.3
67	71.9	57.4	86.0
52	28.0	22.4	33.6

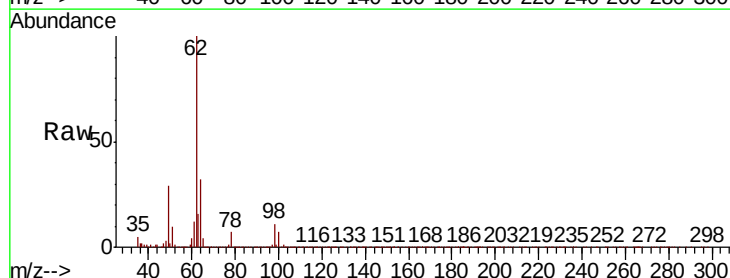


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

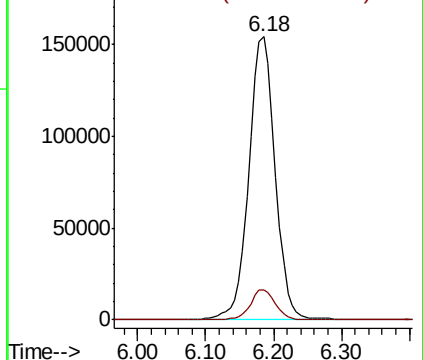
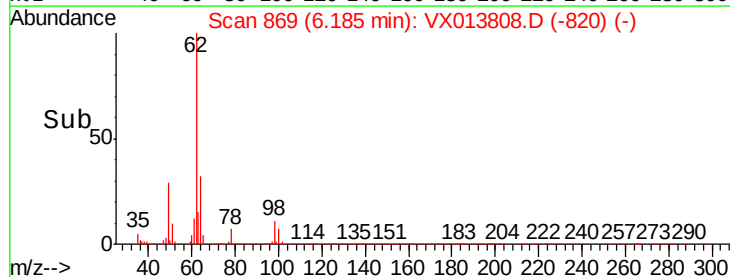


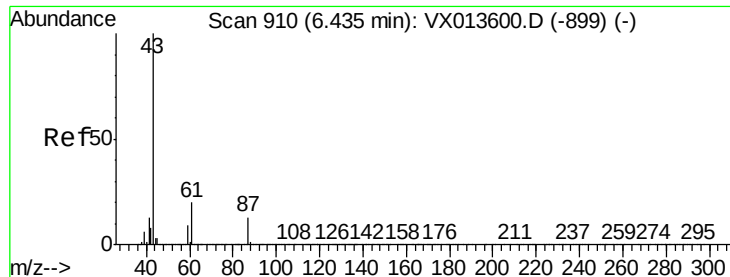
#42
1,2-Dichloroethane
Concen: 47.689 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion:	62	Resp:	414894
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 46.853 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

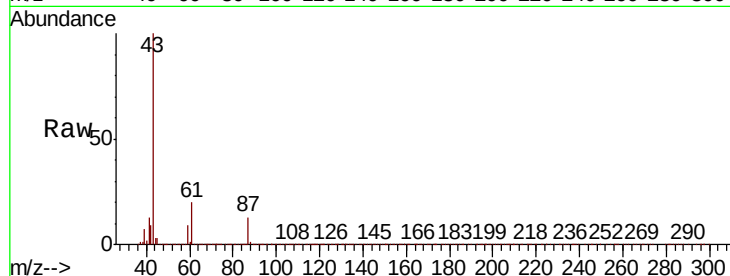
Tot Ion: 43 Resp: 724795

Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

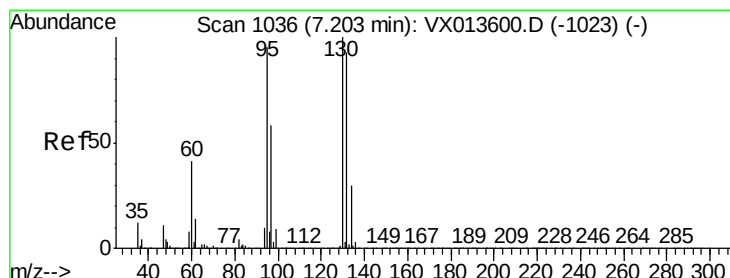
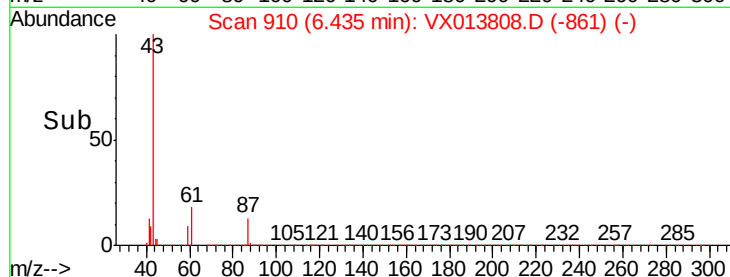
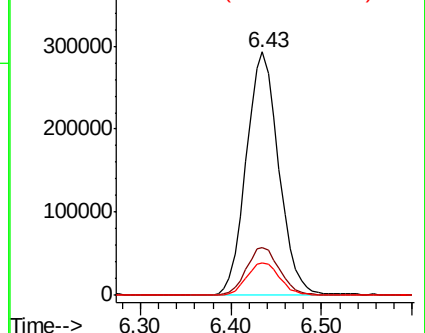
87 13.7 10.8 16.2



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: 51.060 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013808.D

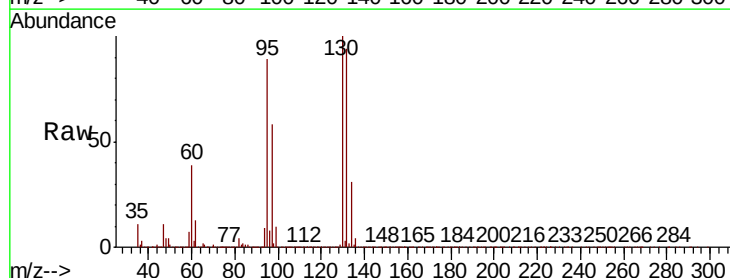
Acq: 06 Dec 2019 18:35

Tgt Ion: 130 Resp: 357483

Ion Ratio Lower Upper

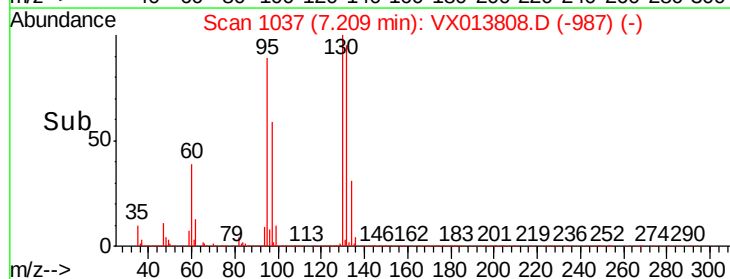
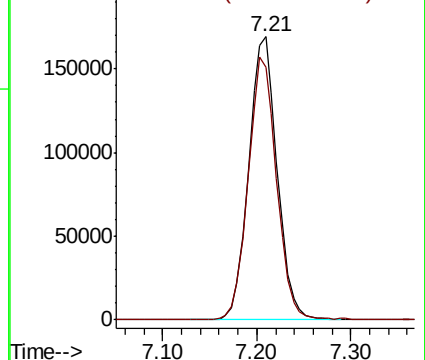
130 100

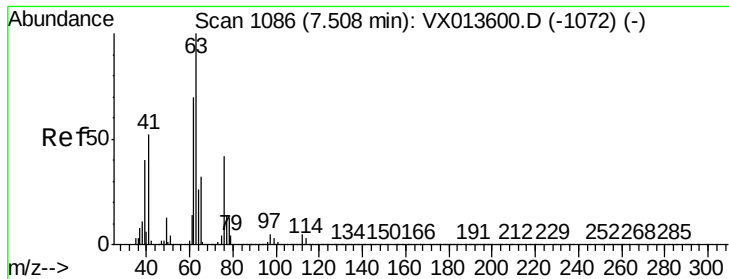
95 89.2 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

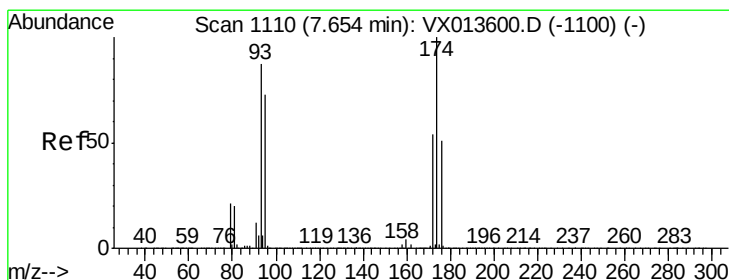
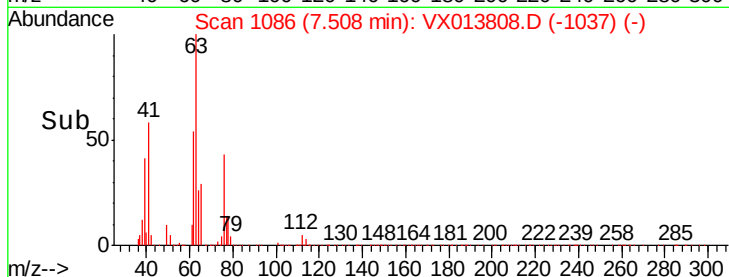
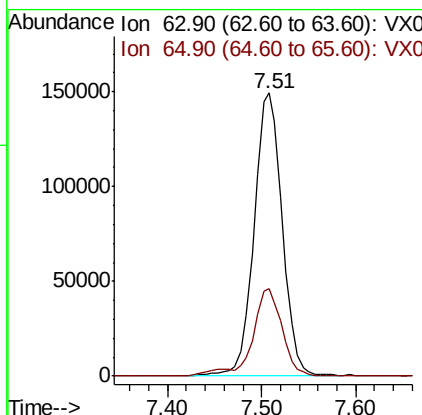
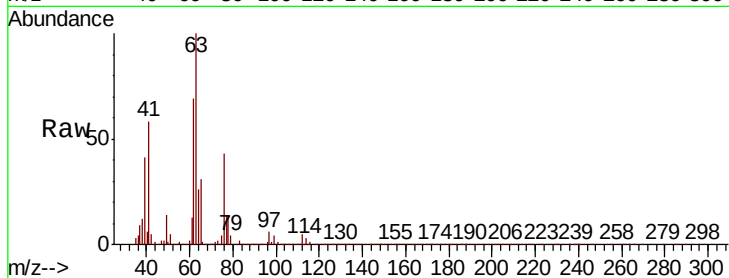




#45
 1,2-Dichloropropane
 Concen: 48.832 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

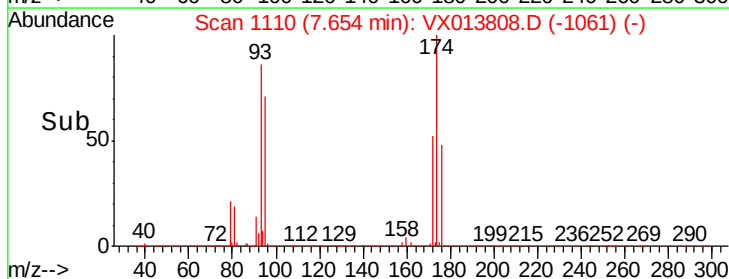
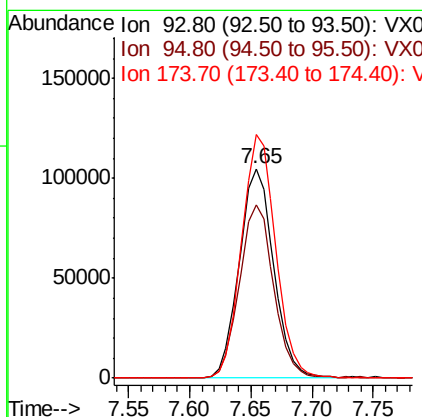
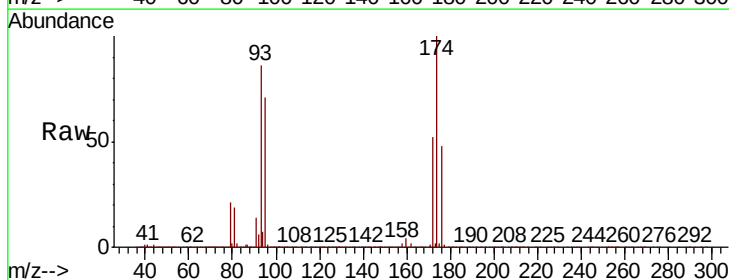
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

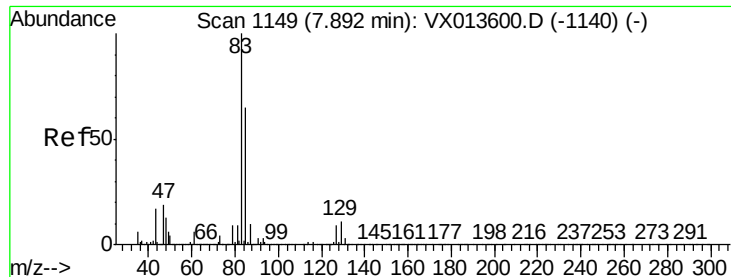
Tot Ion: 63 Resp: 311674
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.5 38.3



#46
 Dibromomethane
 Concen: 47.167 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion: 93 Resp: 204464
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.2
 174 115.6 93.4 140.0

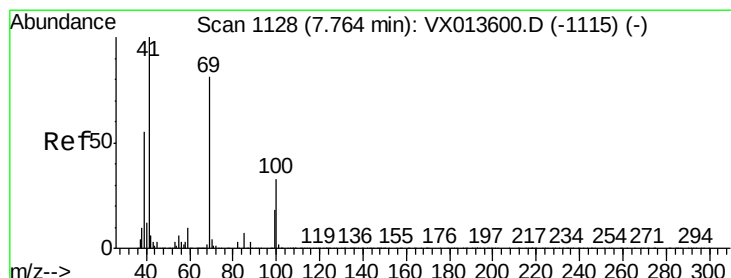
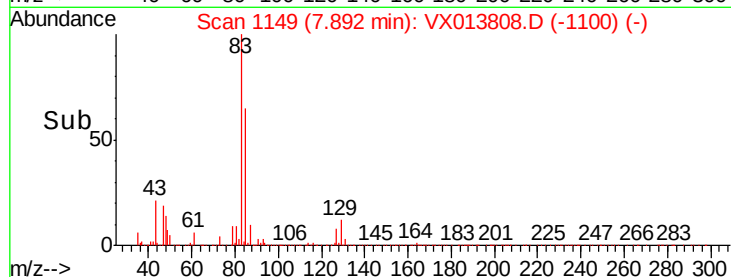
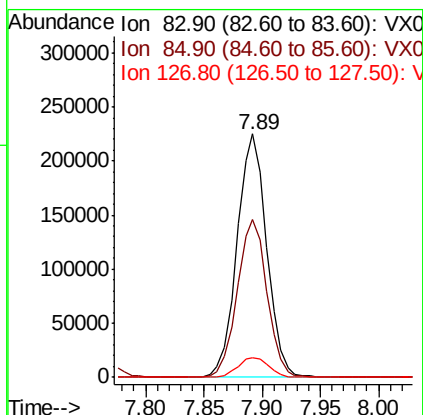
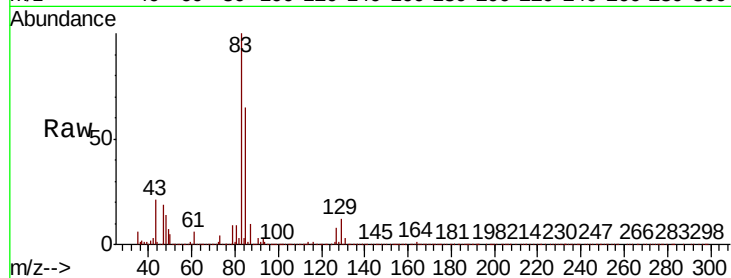




#47
Bromodichloromethane
Concen: 48.717 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

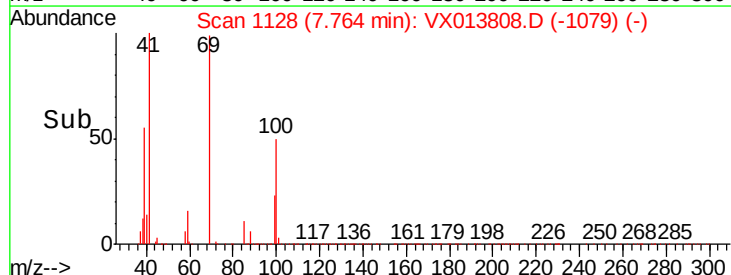
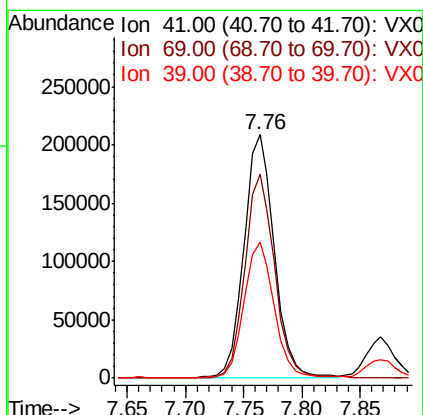
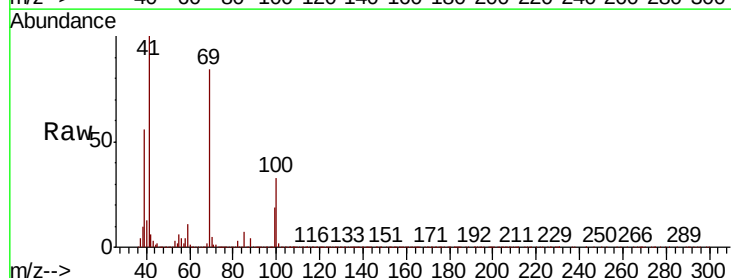
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

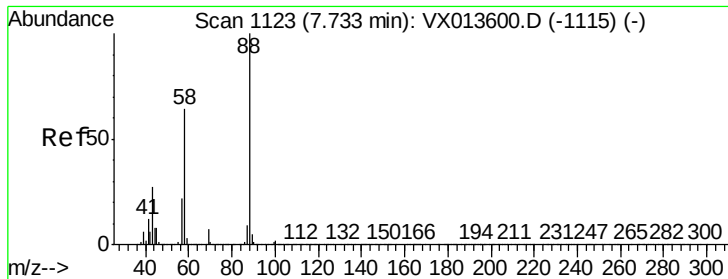
Tot Ion	83	Resp	399238
Ion Ratio	100		
Lower	52.1		
Upper	78.1		
85	64.8		
127	8.2		
	7.0		
	10.4		



#48
Methyl methacrylate
Concen: 50.032 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	41	Resp	376056
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>64.7</td> <td></td> <td></td>	64.7		
Upper <td>97.1</td> <td></td> <td></td>	97.1		
69	82.8		
39	55.5		
	43.8		
	65.6		





#49

1,4-Dioxane

Concen: 1025.935 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

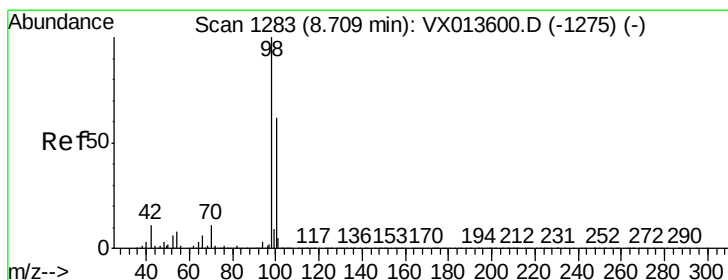
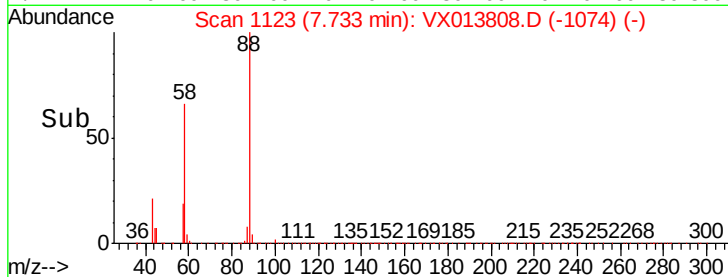
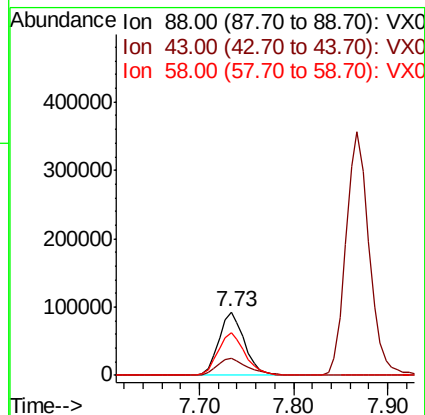
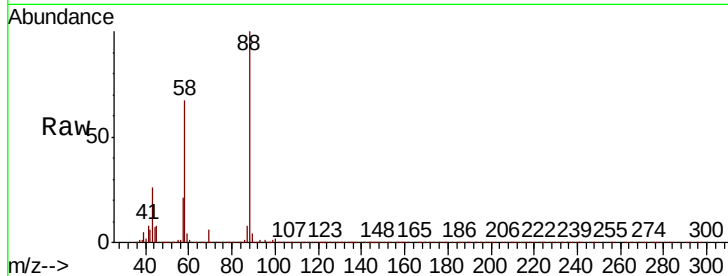
Tot Ion: 88 Resp: 172608

Ion Ratio Lower Upper

88 100

43 31.7 25.8 38.6

58 70.5 54.6 82.0



#50

Toluene-d8

Concen: 44.336 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013808.D

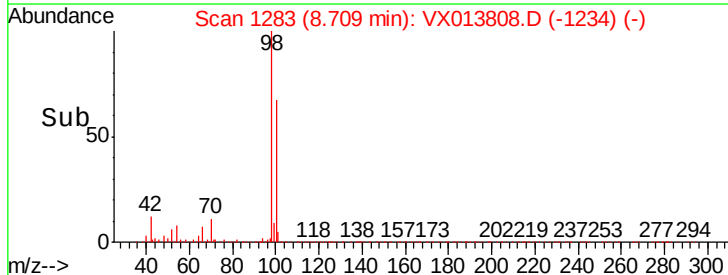
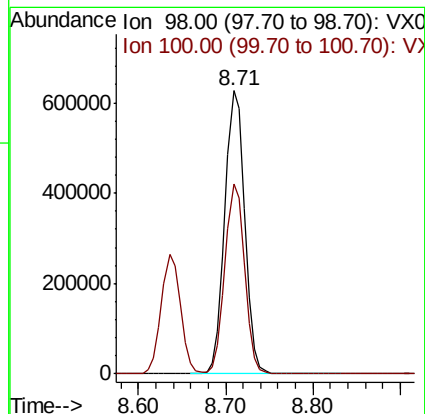
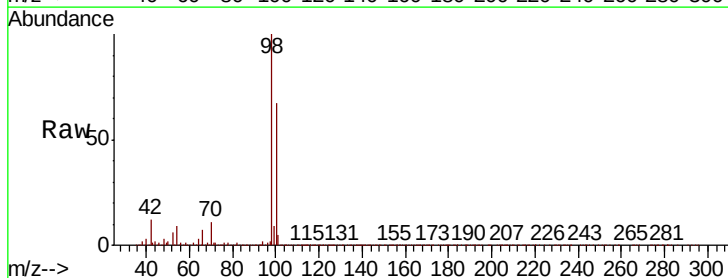
Acq: 06 Dec 2019 18:35

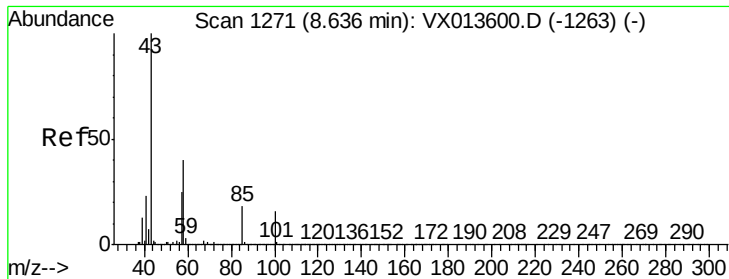
Tgt Ion: 98 Resp: 985355

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 254.745 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

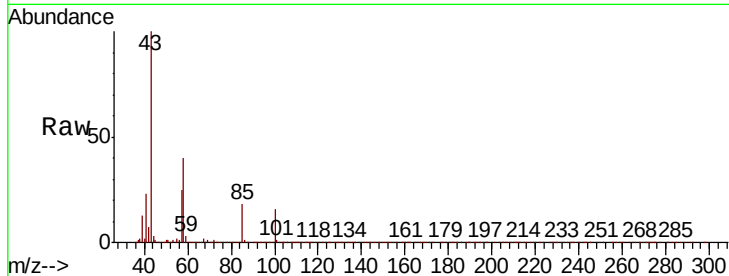
RE134D1-20191202MS

Tot Ion: 43 Resp: 2478868

Ion Ratio Lower Upper

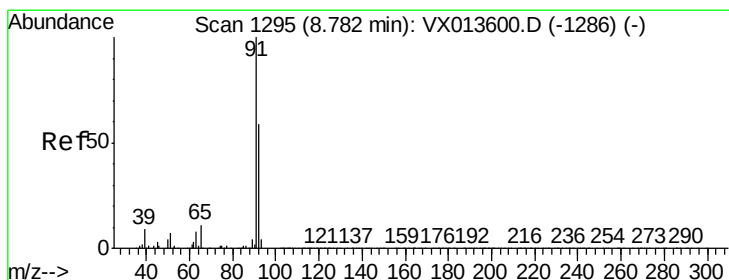
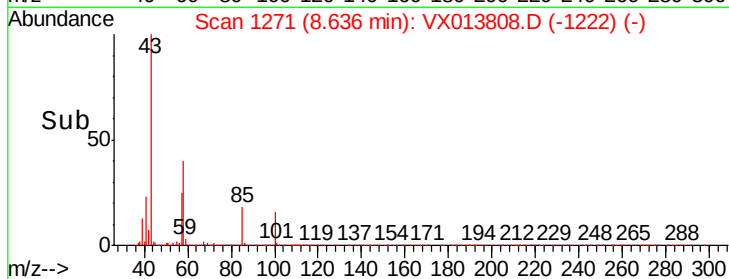
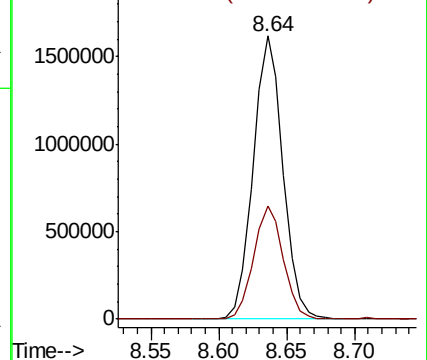
43 100

58 40.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.953 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013808.D

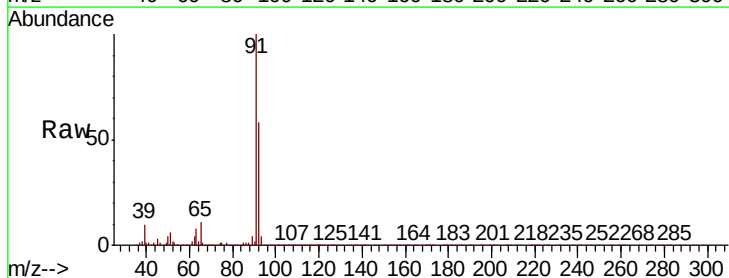
Acq: 06 Dec 2019 18:35

Tgt Ion: 92 Resp: 744117

Ion Ratio Lower Upper

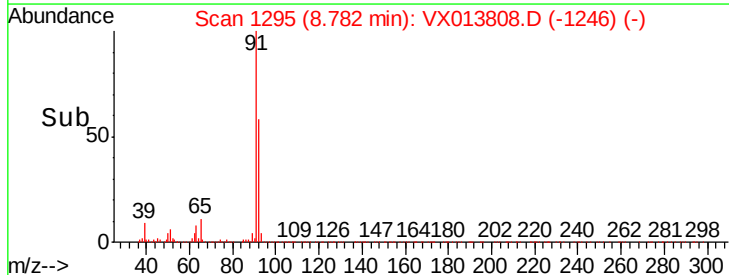
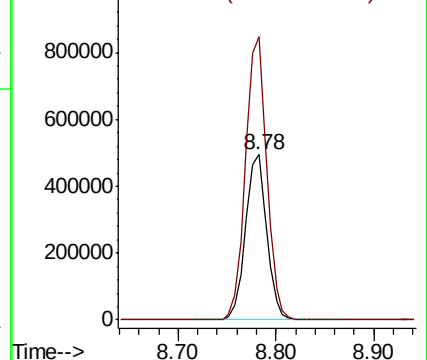
92 100

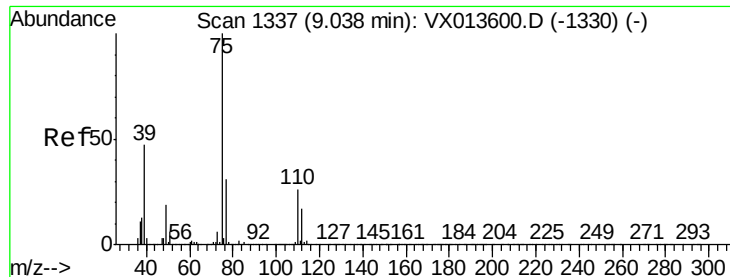
91 171.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.430 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

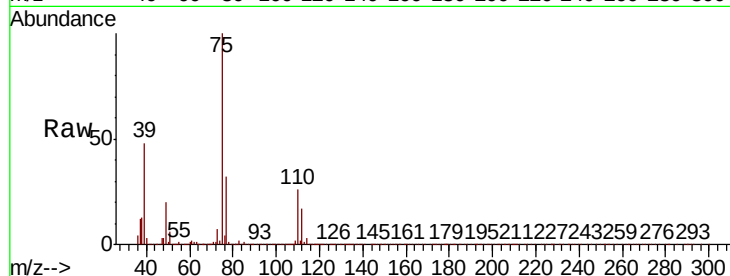
RE134D1-20191202MS

Tot Ion: 75 Resp: 433094

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

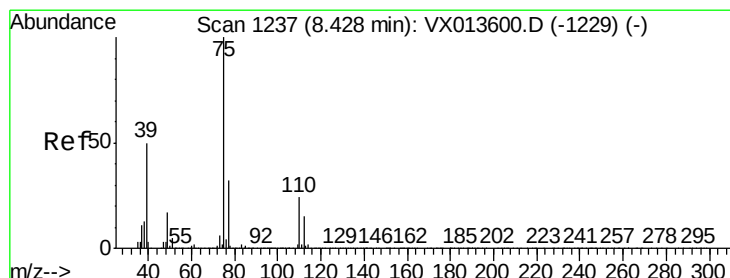
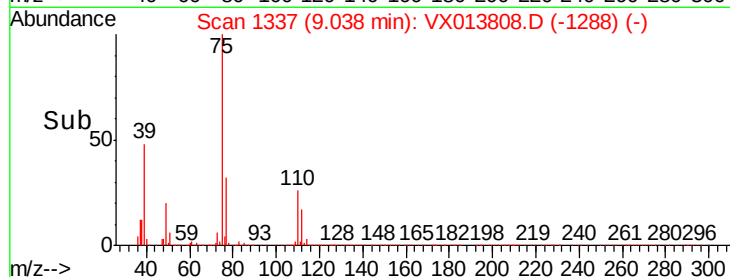
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.163 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

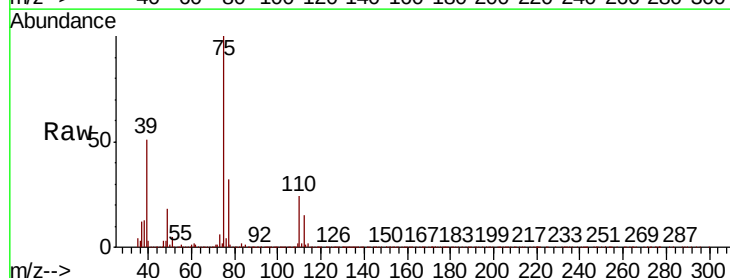
Tgt Ion: 75 Resp: 480639

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 51.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

400000

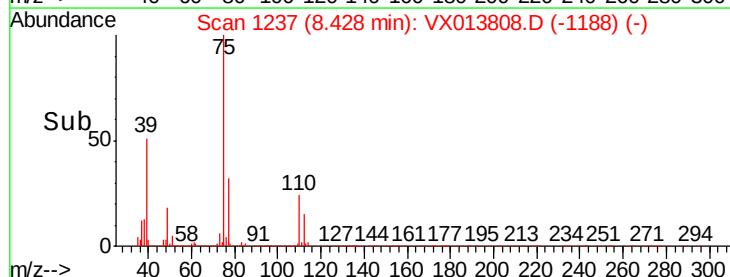
300000

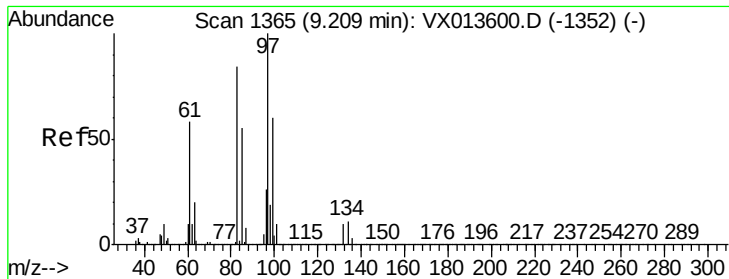
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.510 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 97 Resp: 316192

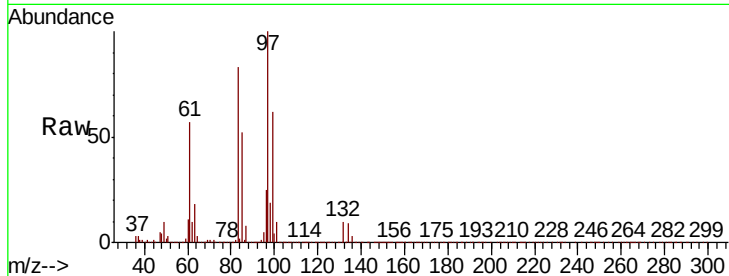
Ion Ratio Lower Upper

97 100

83 83.3 67.3 100.9

85 52.1 43.6 65.4

99 61.4 48.2 72.4

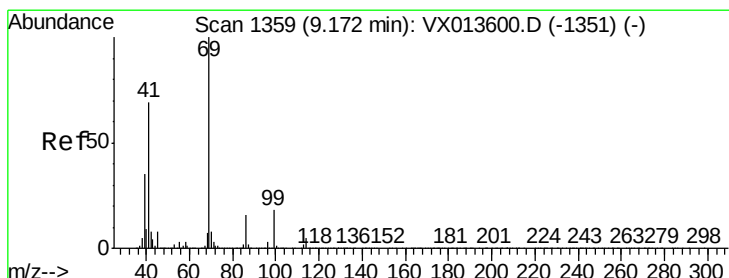
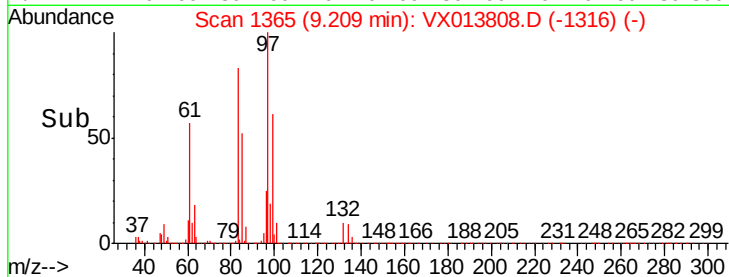
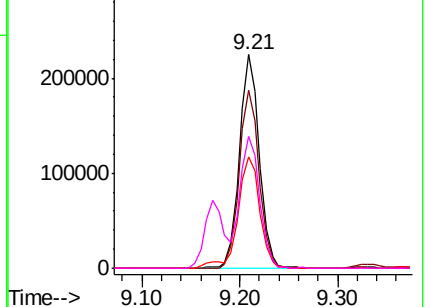


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 49.643 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

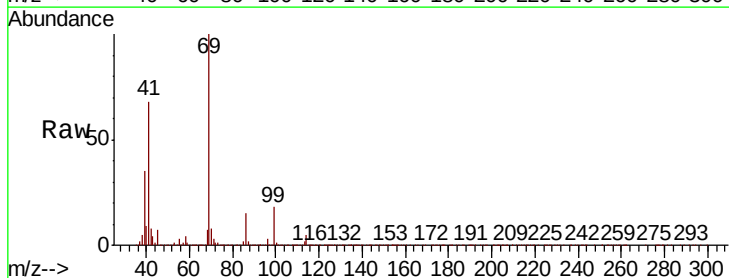
Tgt Ion: 69 Resp: 509726

Ion Ratio Lower Upper

69 100

41 68.2 55.0 82.4

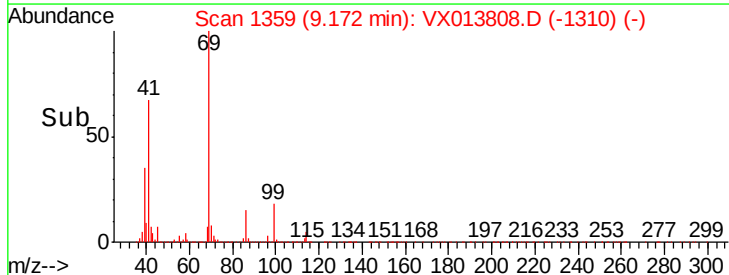
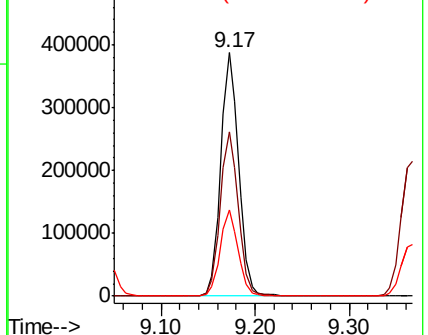
39 35.1 28.7 43.1

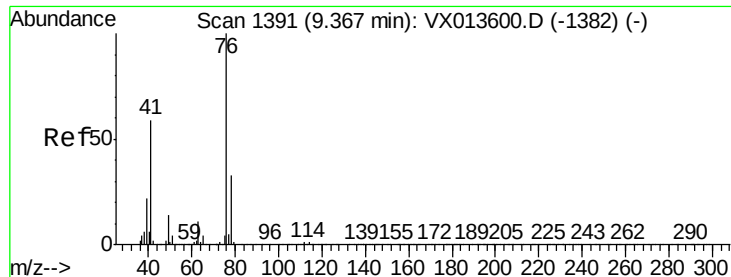


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.657 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

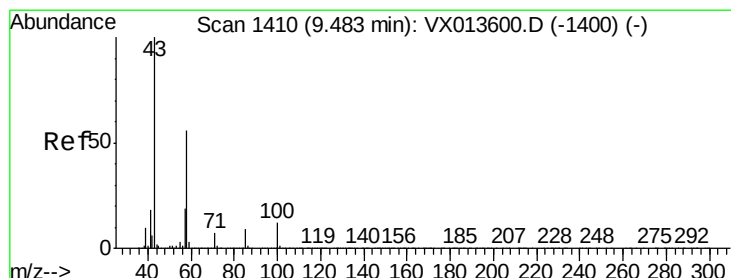
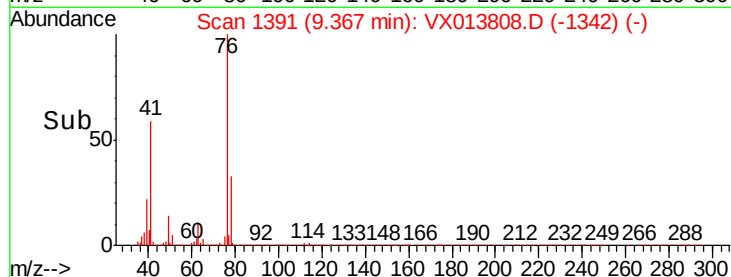
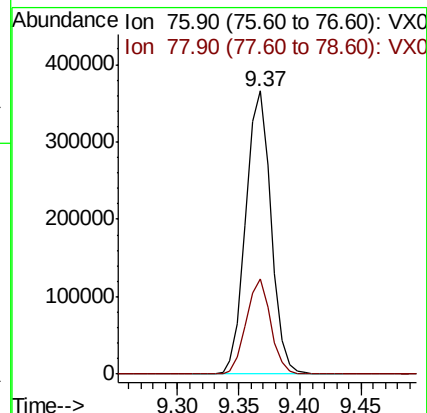
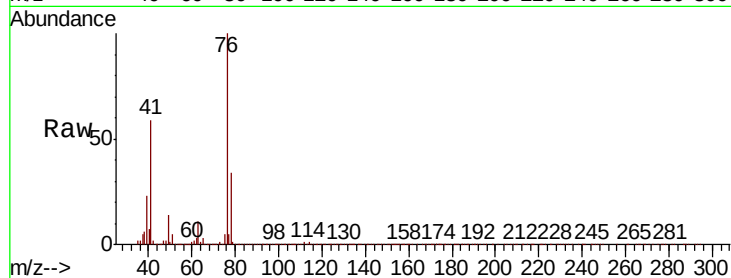
RE134D1-20191202MS

Tot Ion: 76 Resp: 524611

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#59

2-Hexanone

Concen: 255.139 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013808.D

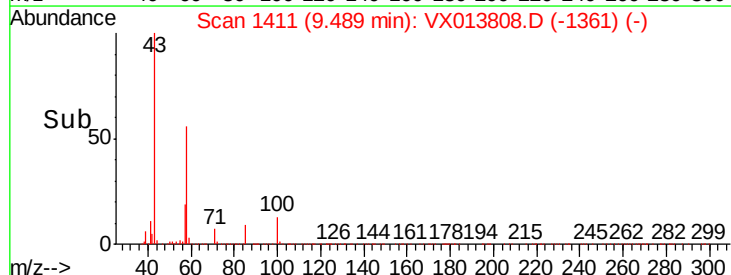
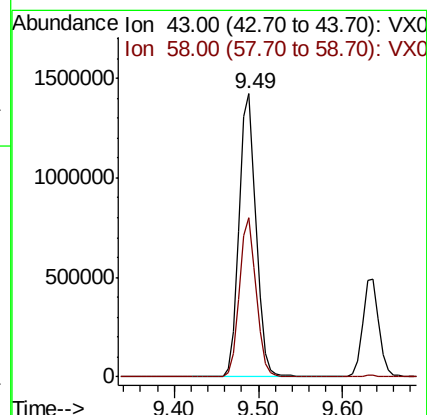
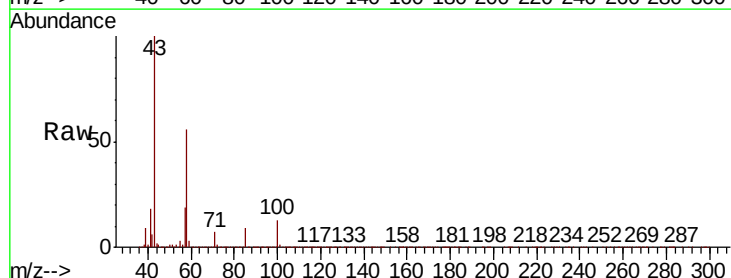
Acq: 06 Dec 2019 18:35

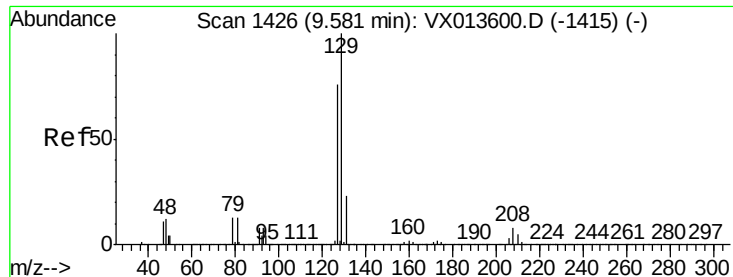
Tgt Ion: 43 Resp: 1936323

Ion Ratio Lower Upper

43 100

58 55.5 28.1 84.4





#60

Dibromochloromethane

Concen: 48.808 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

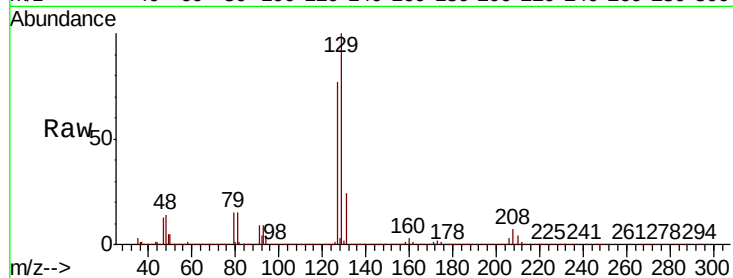
RE134D1-20191202MS

Tot Ion:129 Resp: 323489

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

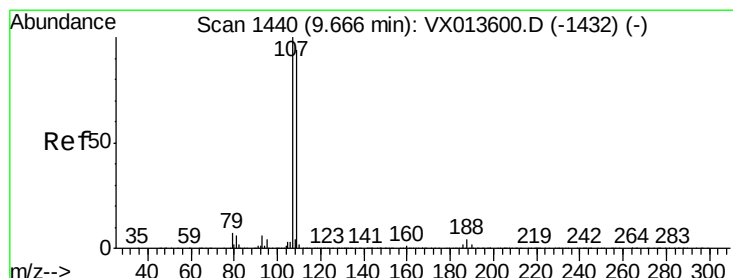
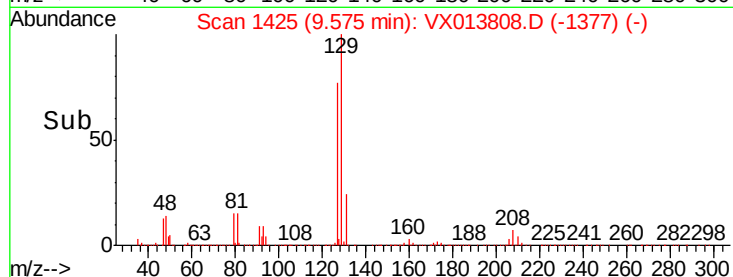
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 48.285 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013808.D

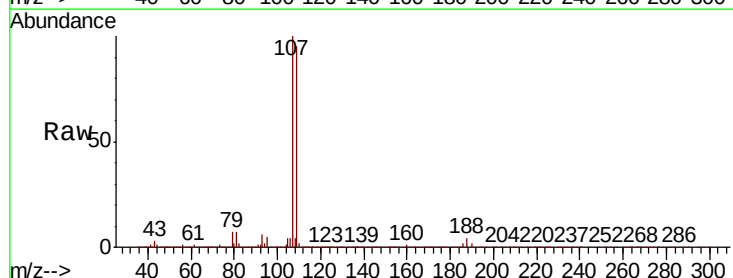
Acq: 06 Dec 2019 18:35

Tgt Ion:107 Resp: 329349

Ion Ratio Lower Upper

107 100

109 93.0 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

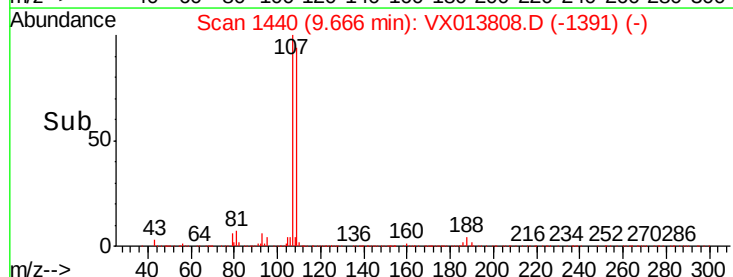
150000

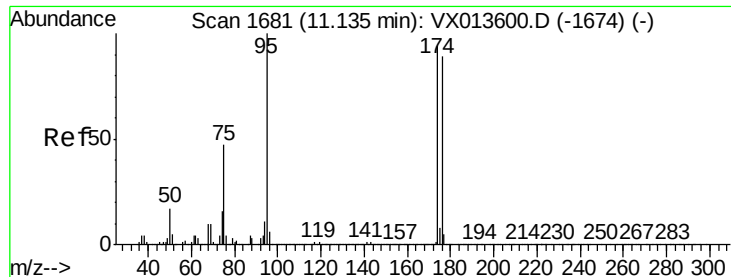
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.306 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

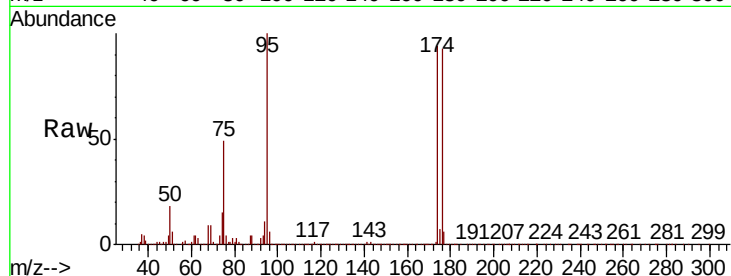
Tot Ion: 95 Resp: 363093

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

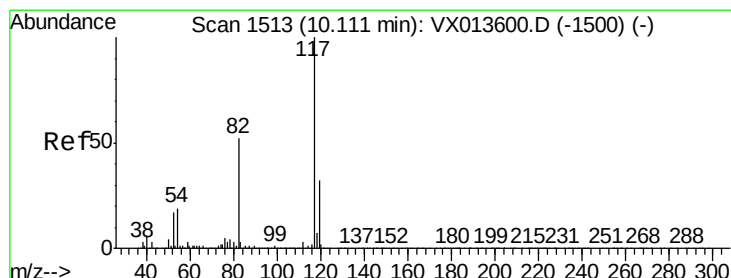
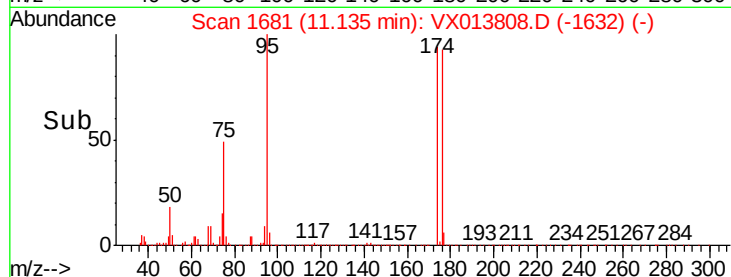
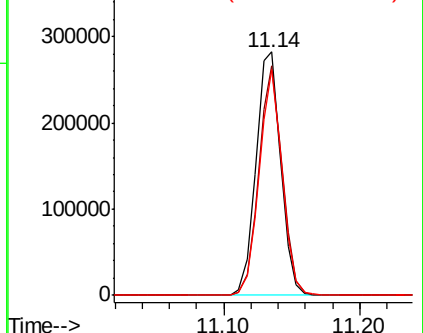
176 85.9 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

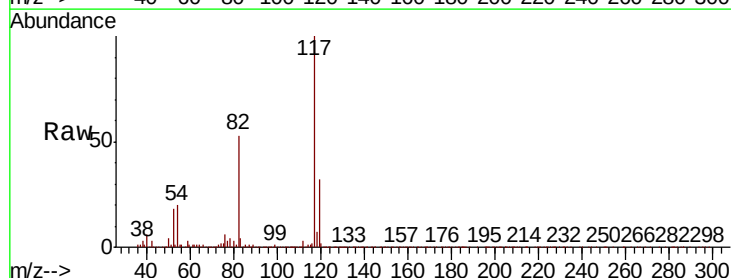
Tgt Ion: 117 Resp: 830898

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

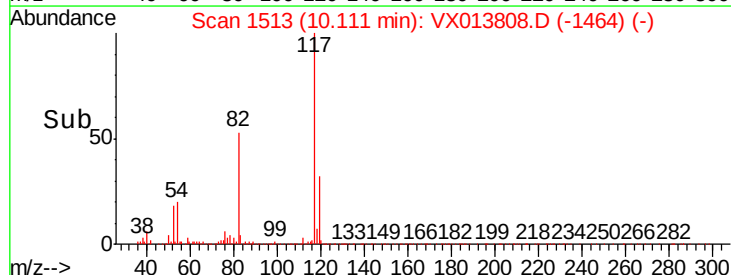
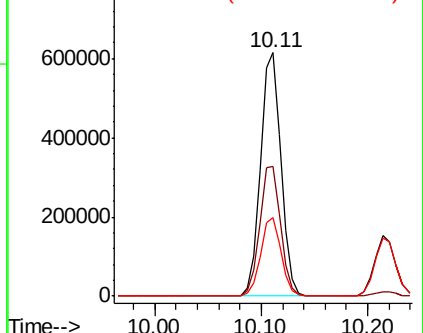
119 32.0 25.8 38.8

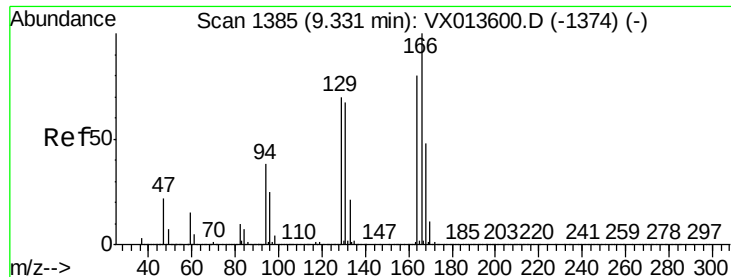


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

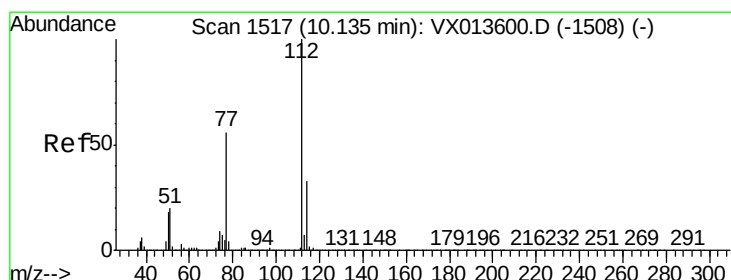
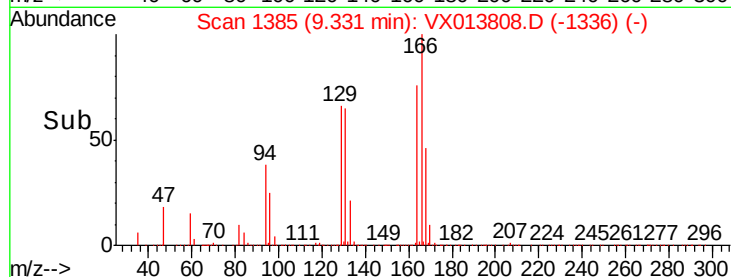
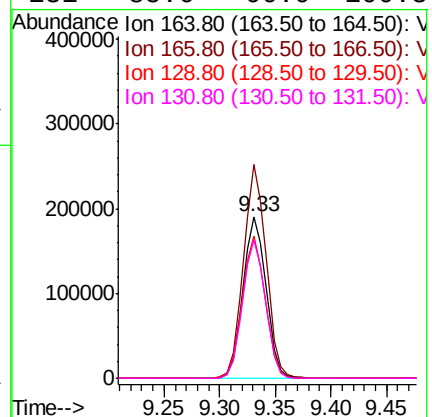
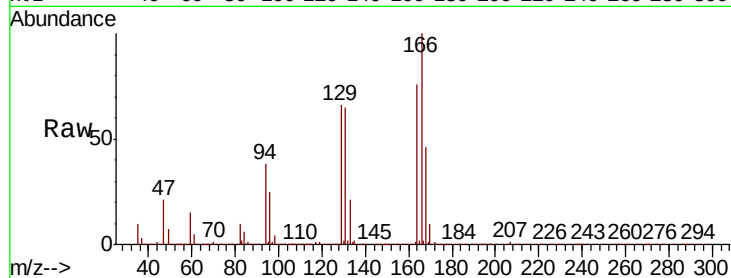




#64
Tetrachloroethene
Concen: 44.071 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

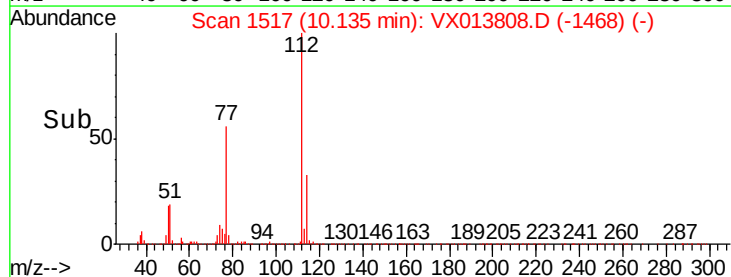
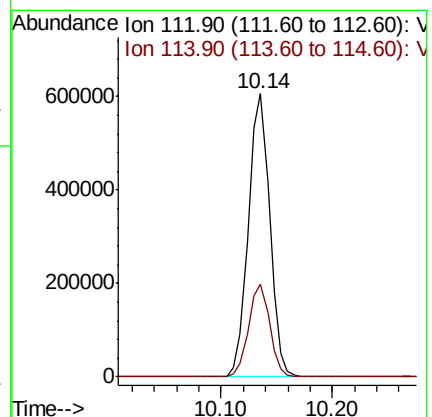
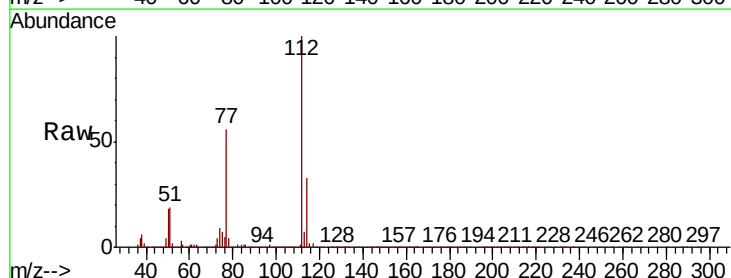
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

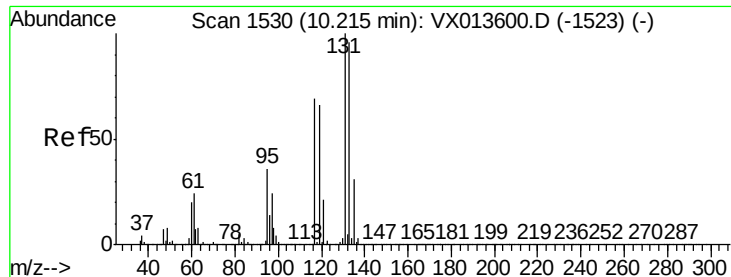
Tot Ion:	164	Resp:	273076
Ion	Ratio	Lower	Upper
164	100		
166	132.4	99.7	149.5
129	87.9	70.1	105.1
131	85.6	66.9	100.3



#65
Chlorobenzene
Concen: 46.982 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion:	112	Resp:	810498
Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.1	39.1





#66

1,1,1,2-Tetrachloroethane

Concen: 48.467 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

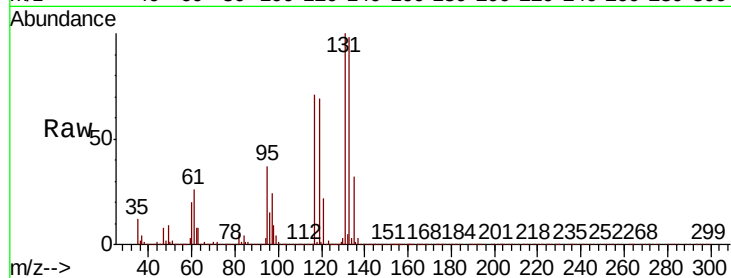
Tot Ion:131 Resp: 300238

Ion Ratio Lower Upper

131 100

133 97.0 47.7 143.1

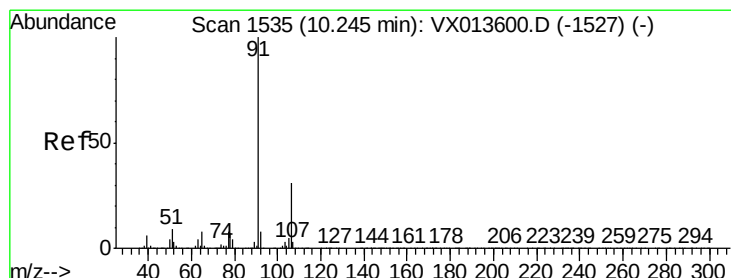
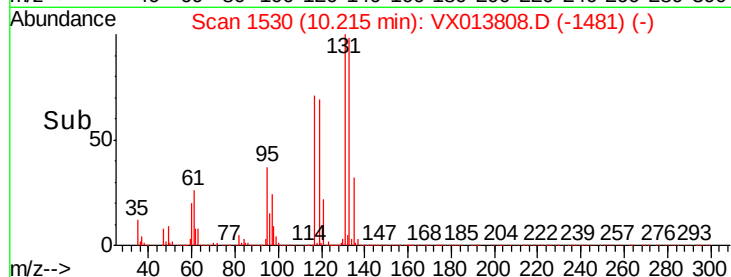
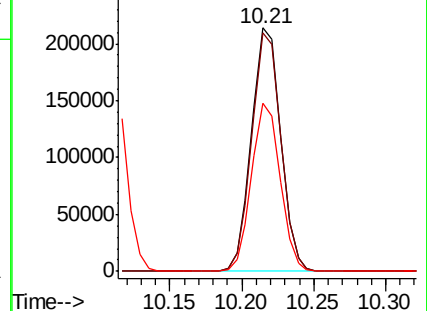
119 67.4 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.580 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013808.D

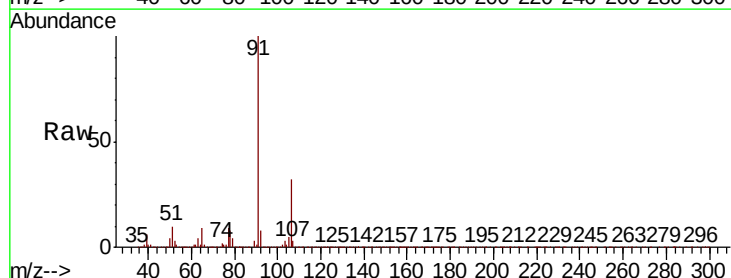
Acq: 06 Dec 2019 18:35

Tgt Ion: 91 Resp: 1410472

Ion Ratio Lower Upper

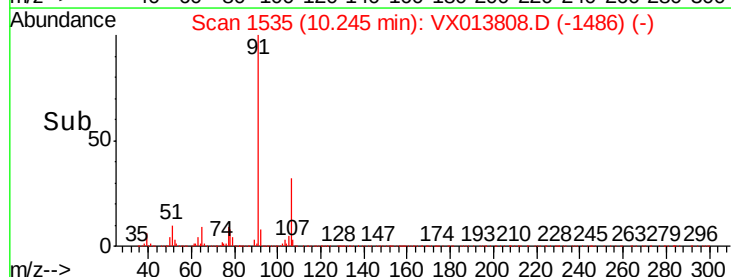
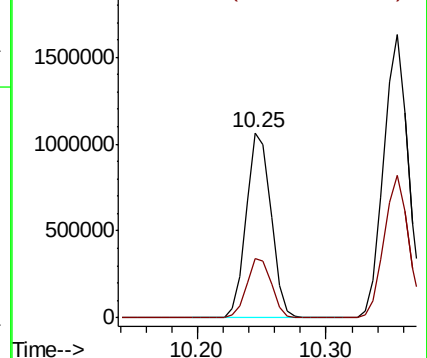
91 100

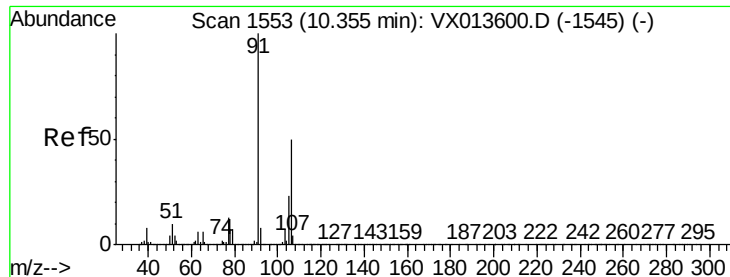
106 31.9 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 95.103 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

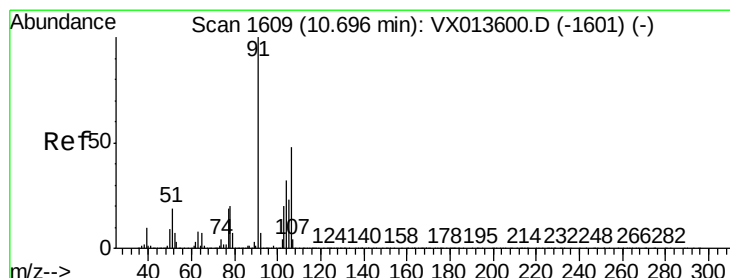
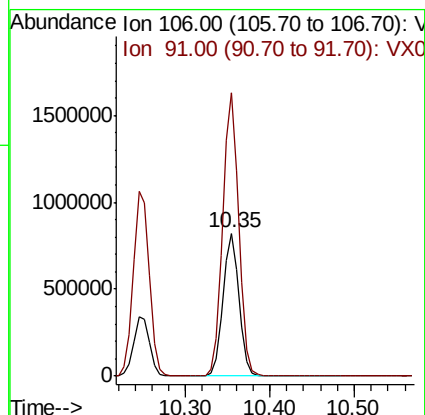
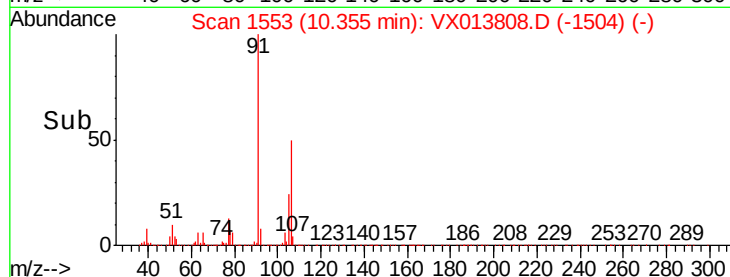
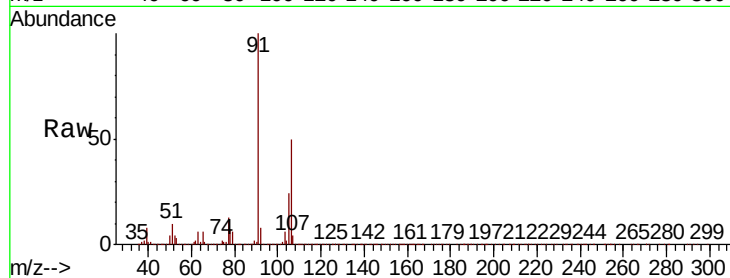
RE134D1-20191202MS

Tot Ion:106 Resp: 1079368

Ion Ratio Lower Upper

106 100

91 198.5 159.0 238.4



#69

o-Xylene

Concen: 48.276 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013808.D

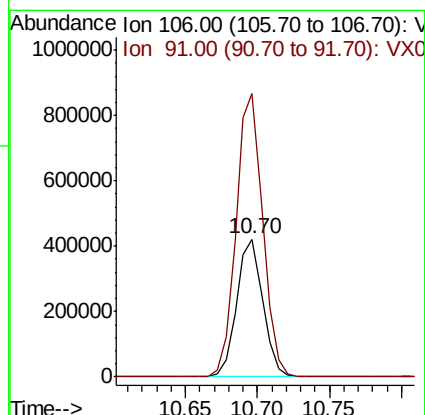
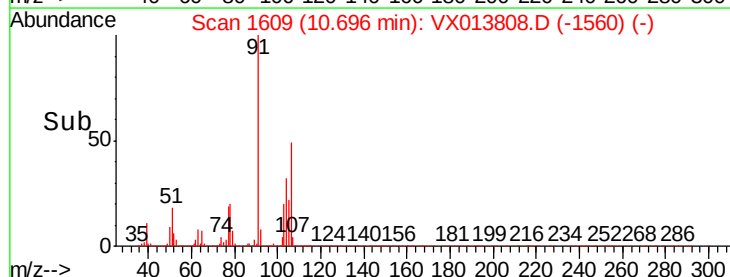
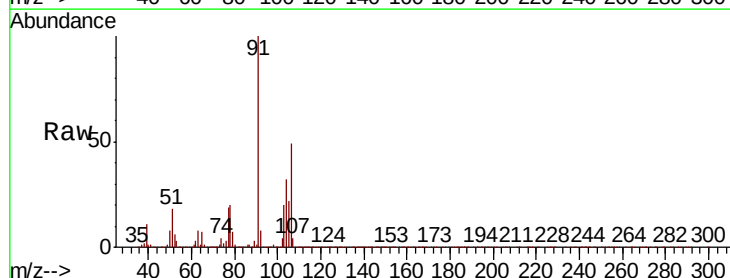
Acq: 06 Dec 2019 18:35

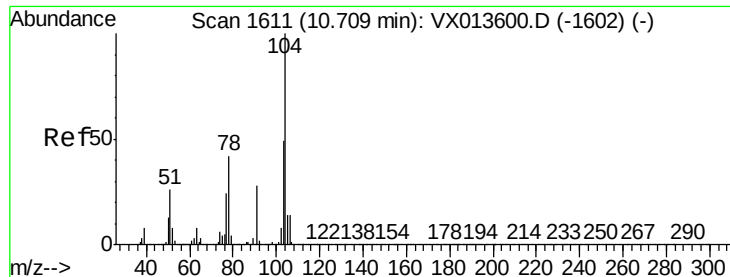
Tgt Ion:106 Resp: 534365

Ion Ratio Lower Upper

106 100

91 209.1 104.1 312.2

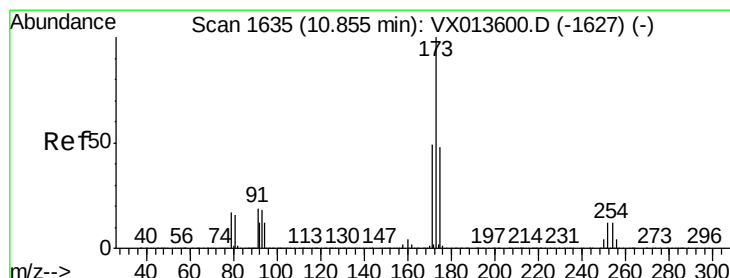
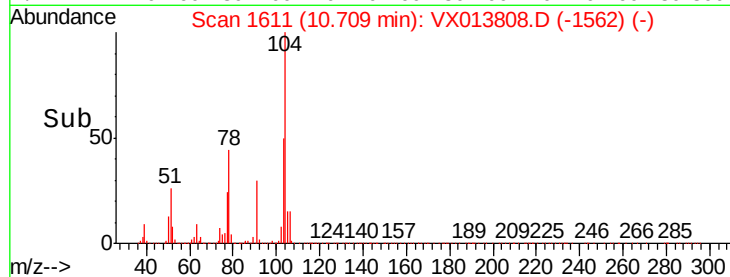
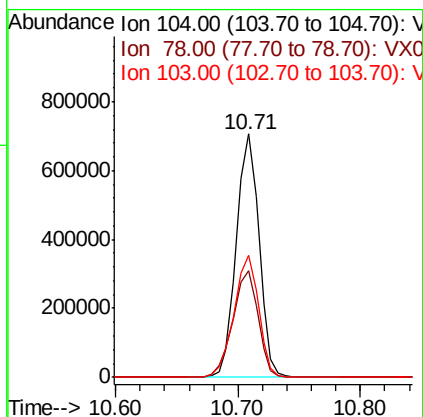
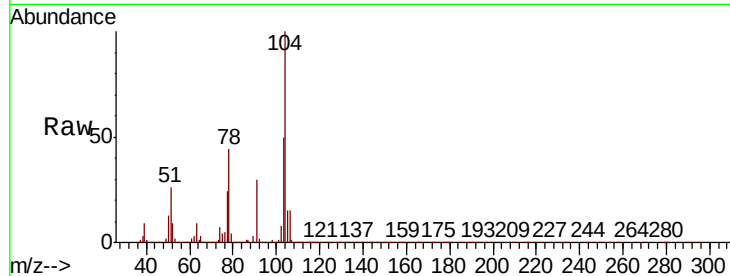




#70
Stvrene
Concen: 48.622 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

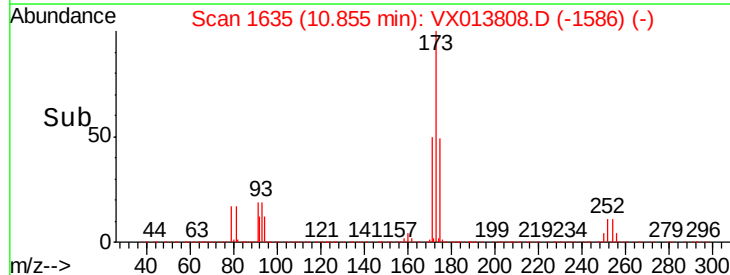
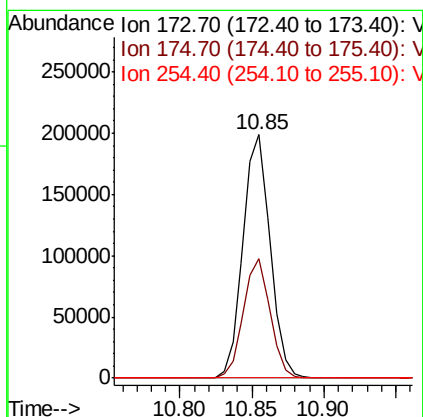
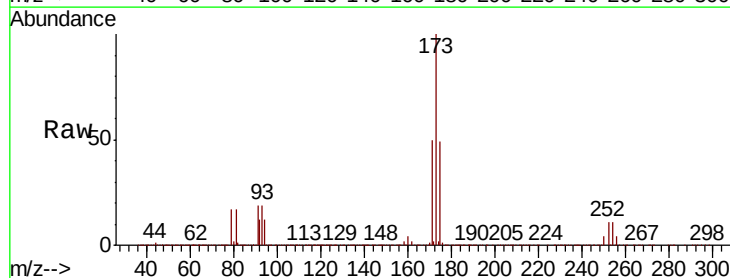
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

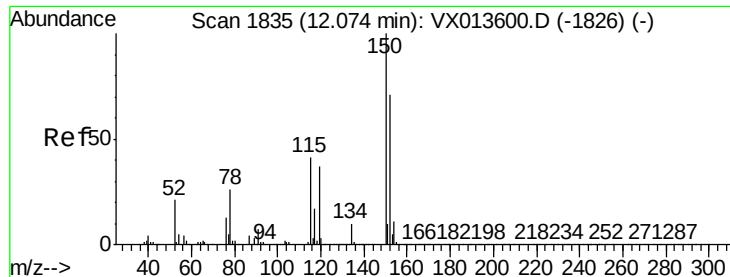
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.2	43.7	65.5



#71
Bromoform
Concen: 50.642 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.4	0.2	0.4



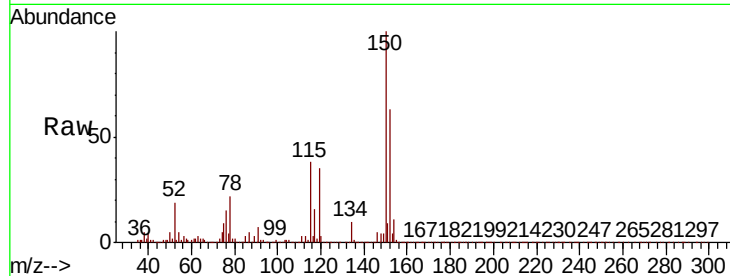


#72

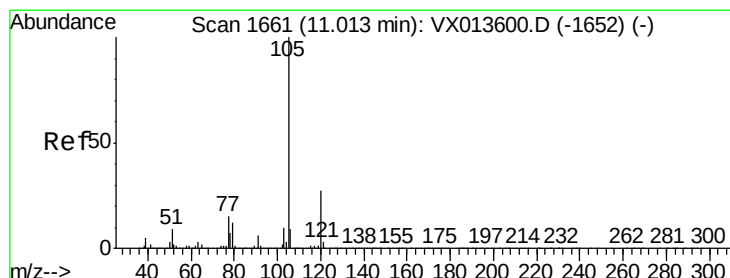
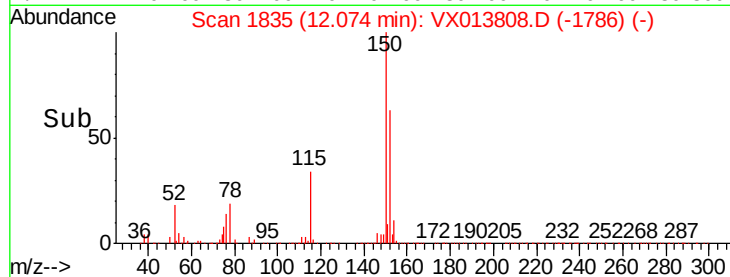
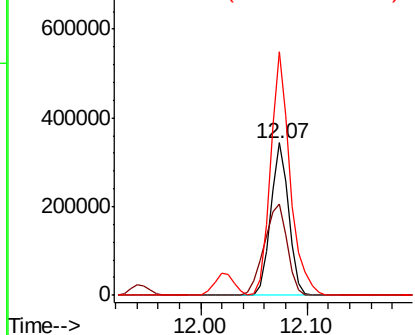
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.2	38.4	115.1
150	172.2	0.0	346.8



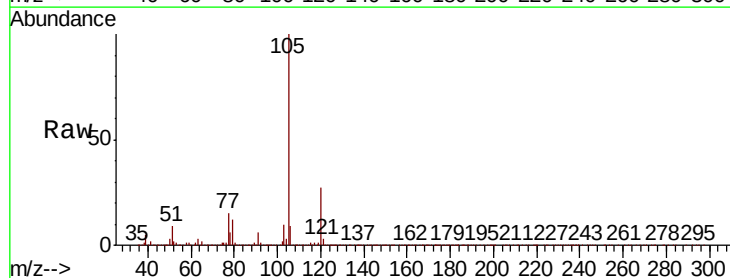
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



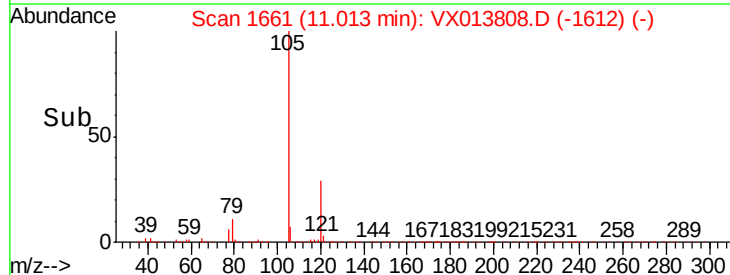
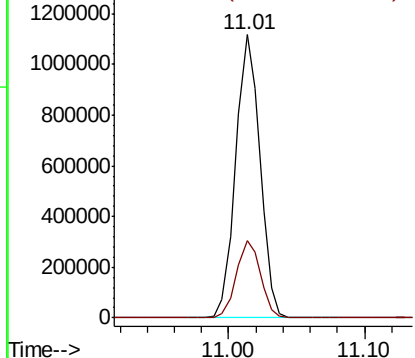
#73

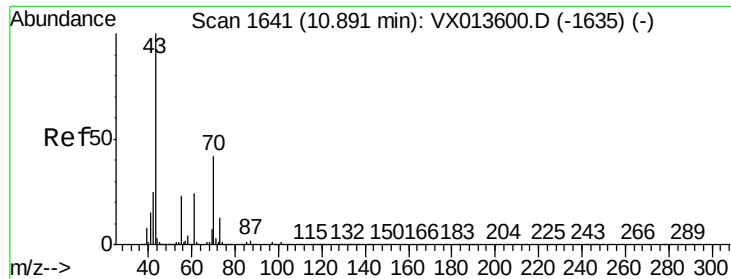
Isopropylbenzene
Concen: 48.695 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

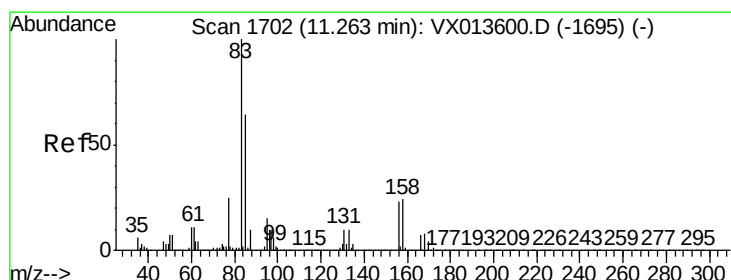
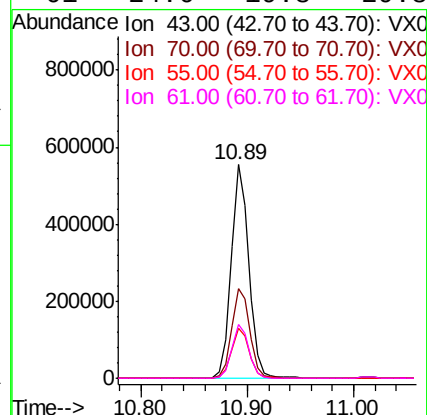
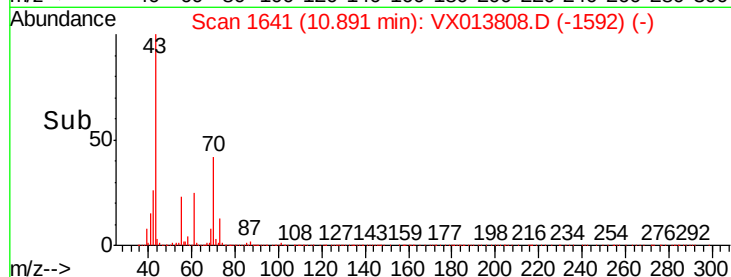
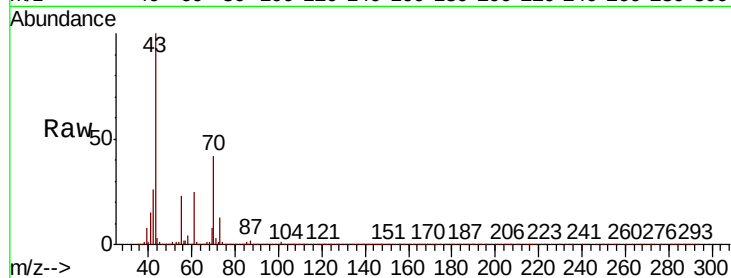




#74
N-amvl acetate
Concen: 49.289 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

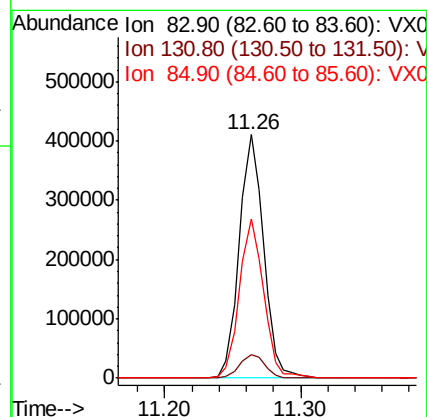
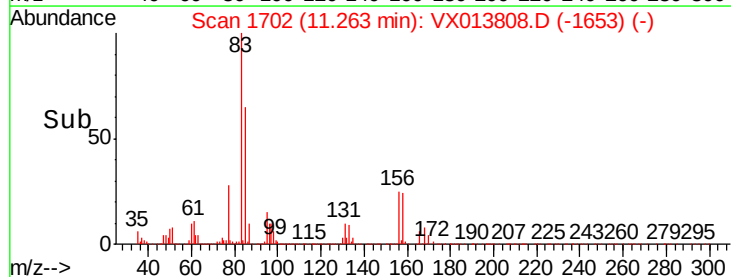
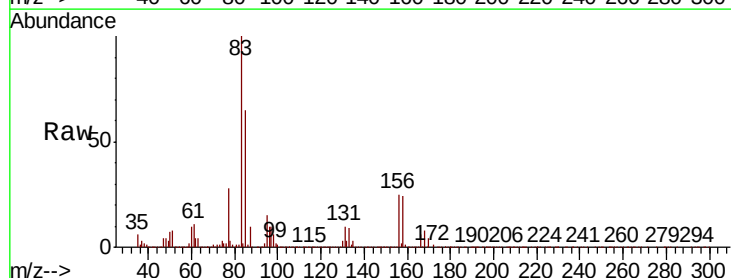
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

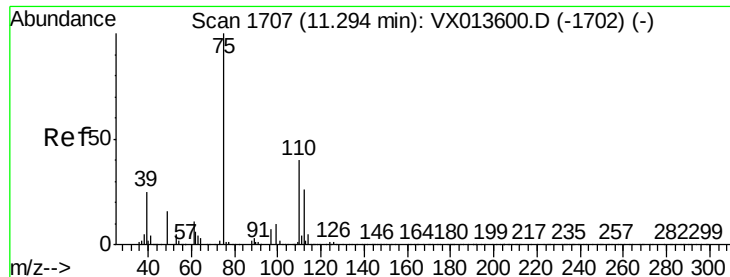
Tot Ion:	43	Resp:	642694
Ion	Ratio	Lower	Upper
43	100		
70	43.2	34.3	51.5
55	23.6	18.5	27.7
61	24.6	19.8	29.8



#75
1,1,2,2-Tetrachloroethane
Concen: 52.233 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion:	83	Resp:	515612
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.5	31.8	95.3





#76

1,2,3-Trichloropropane

Concen: 61.802 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

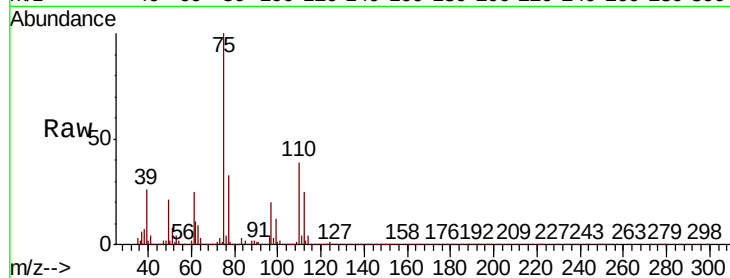
RE134D1-20191202MS

Tot Ion: 75 Resp: 564066

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX013600.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX013600.D (-1702) (-)

500000

400000

300000

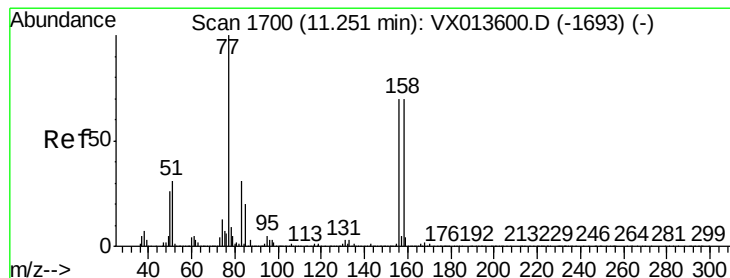
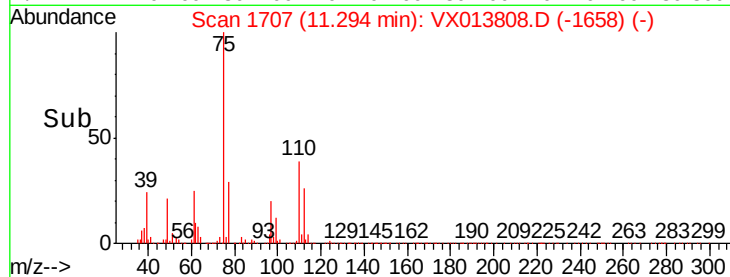
200000

100000

0

11.25 11.30 11.35

Time-->



#77

Bromobenzene

Concen: 47.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

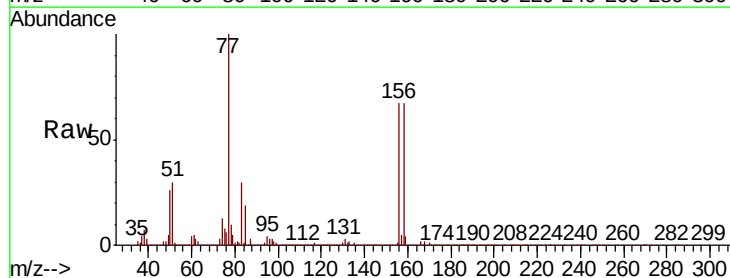
Tgt Ion: 156 Resp: 365318

Ion Ratio Lower Upper

156 100

77 151.5 74.4 223.1

158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): VX013600.D (-1693) (-)

Ion 77.00 (76.70 to 77.70): VX013600.D (-1693) (-)

Ion 157.80 (157.50 to 158.50): VX013600.D (-1693) (-)

500000

400000

300000

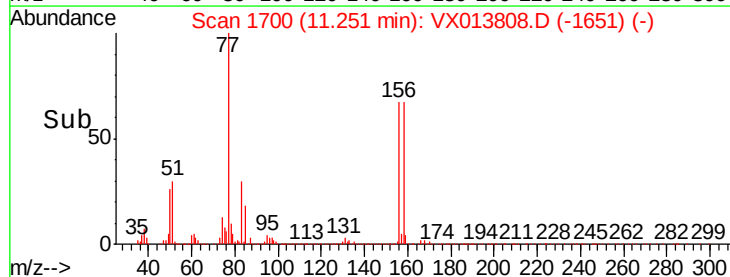
200000

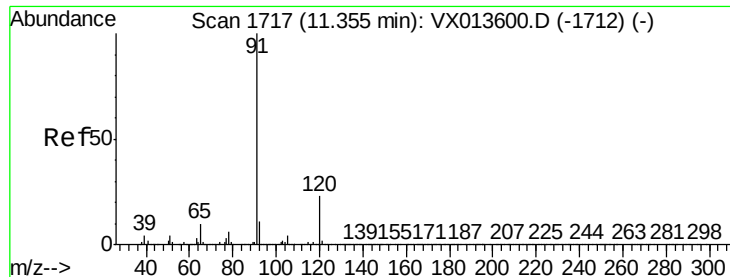
100000

0

11.20 11.30

Time-->





#78

n-propylbenzene

Concen: 48.885 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

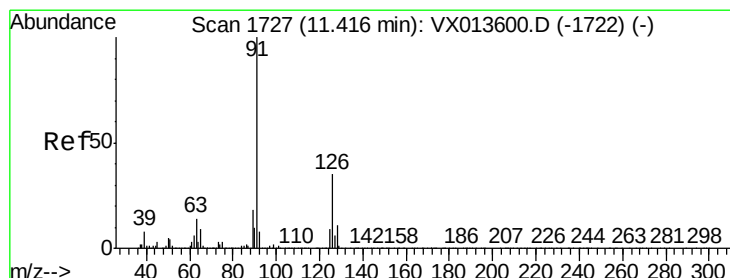
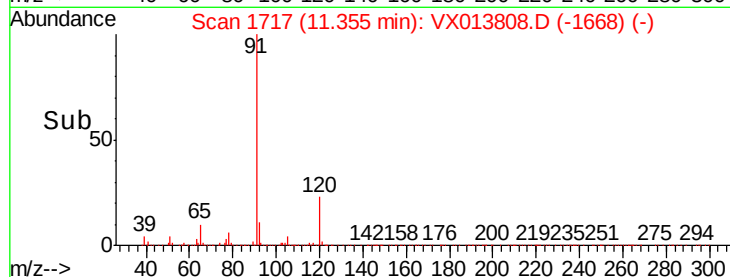
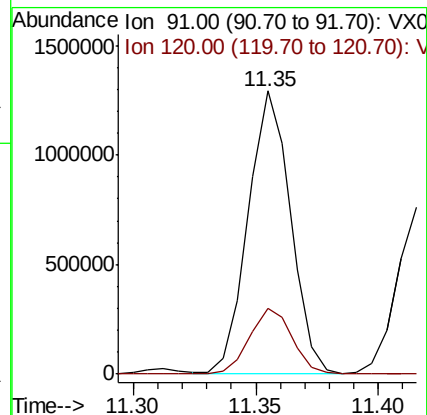
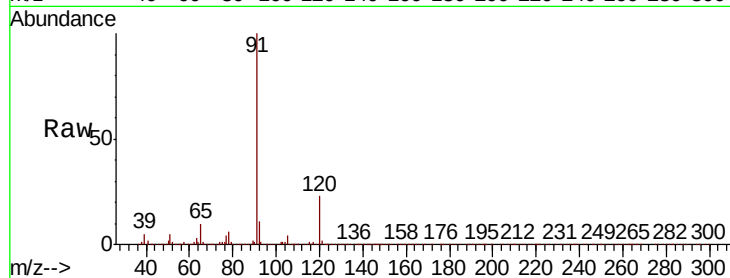
RE134D1-20191202MS

Tot Ion: 91 Resp: 1553336

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#79

2-Chlorotoluene

Concen: 48.232 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013808.D

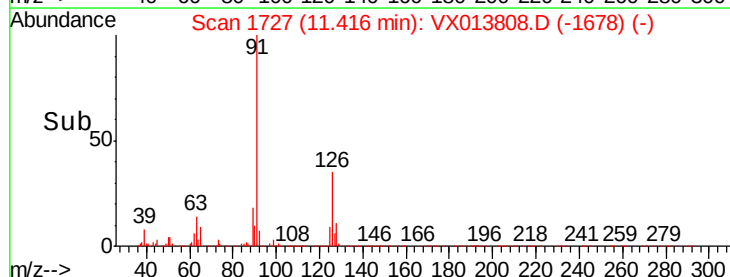
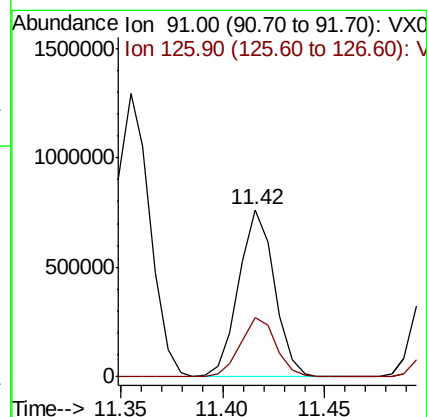
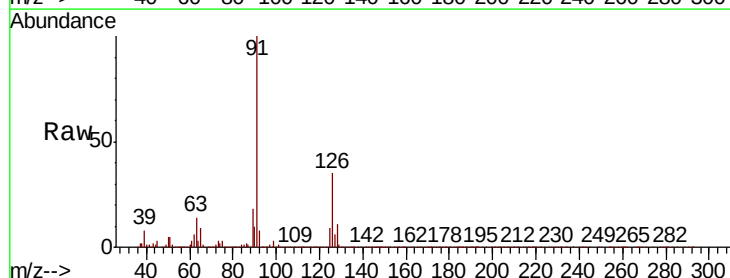
Acq: 06 Dec 2019 18:35

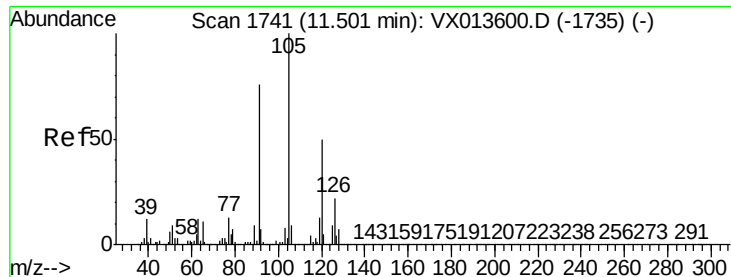
Tgt Ion: 91 Resp: 919351

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5

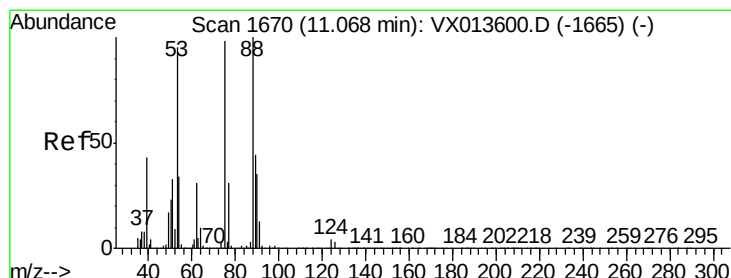
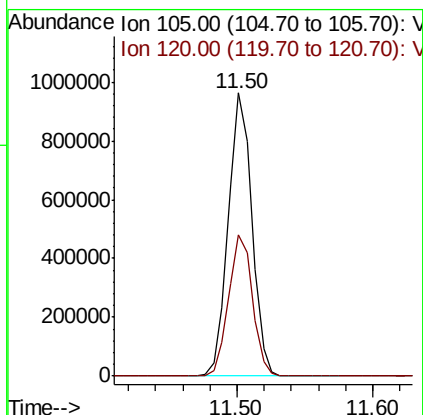
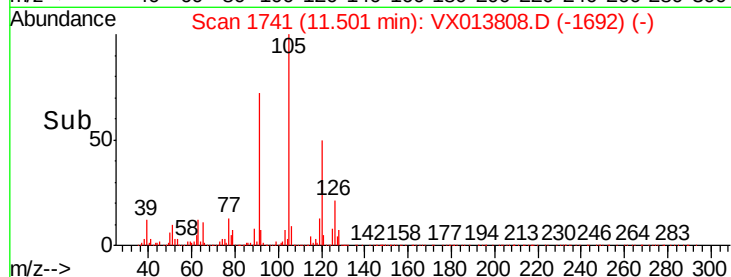
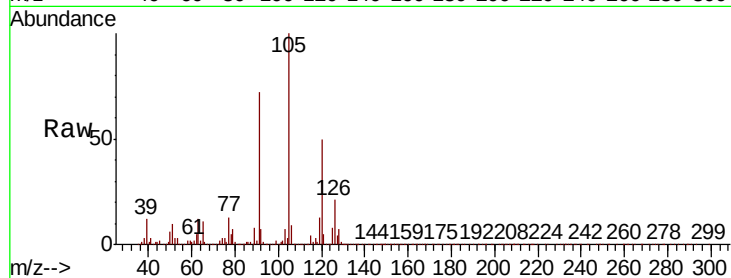




#80
 1,3,5-Trimethylbenzene
 Concen: 49.520 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

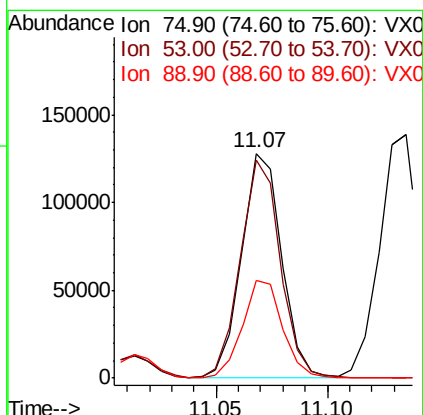
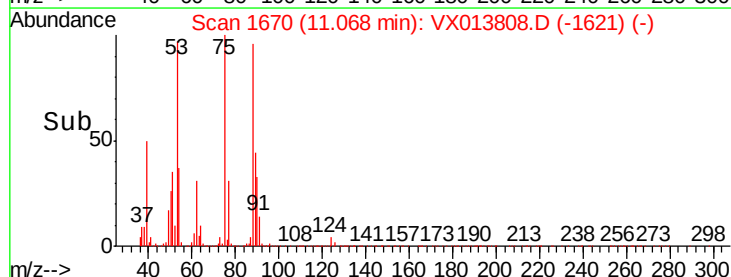
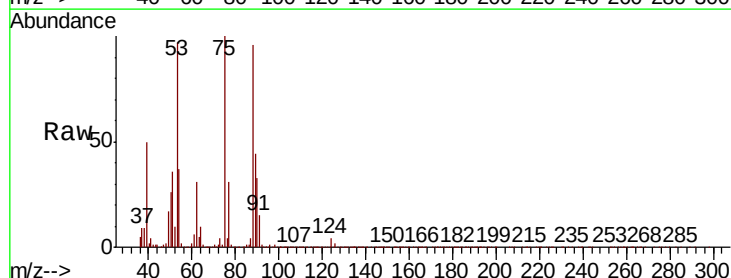
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

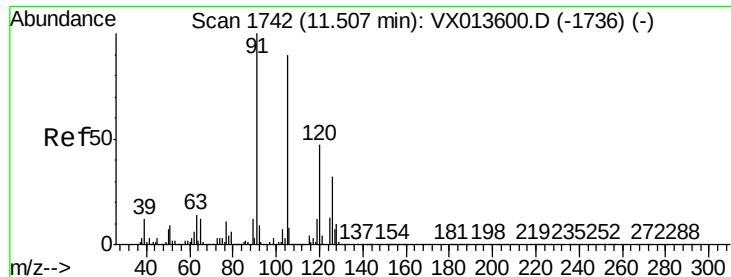
Tot Ion:105 Resp: 1155262
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.234 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion: 75 Resp: 160912
 Ion Ratio Lower Upper
 75 100
 53 96.3 78.2 117.2
 89 44.0 35.4 53.2

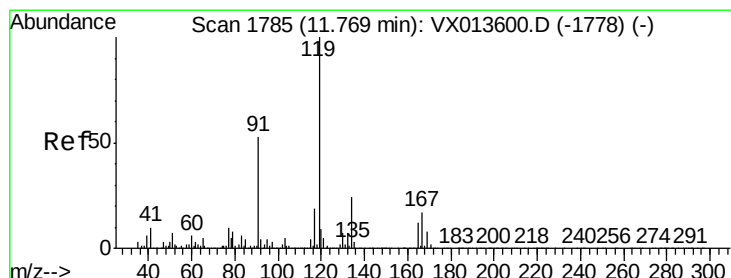
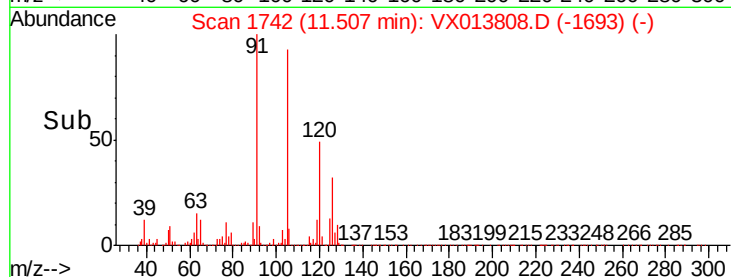
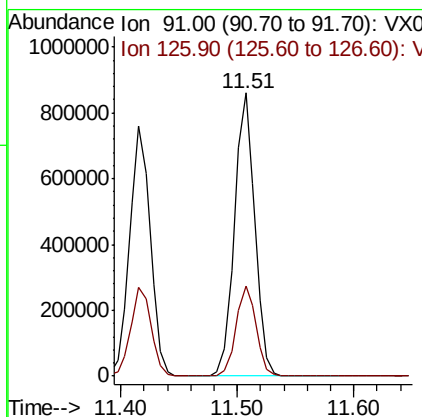
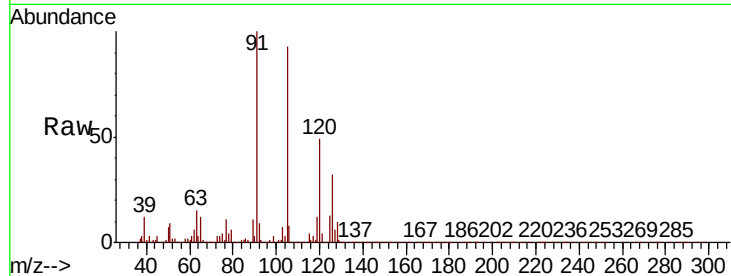




#82
4-Chlorotoluene
Concen: 47.433 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

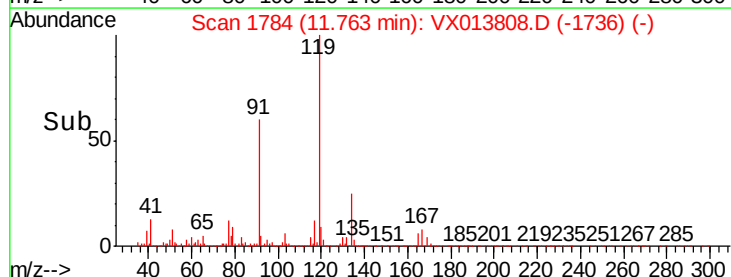
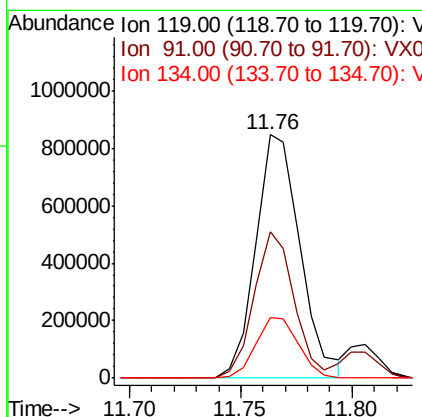
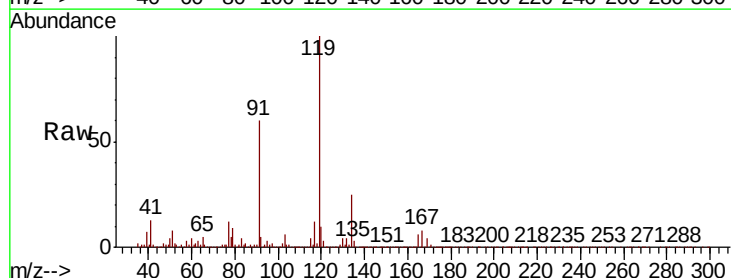
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

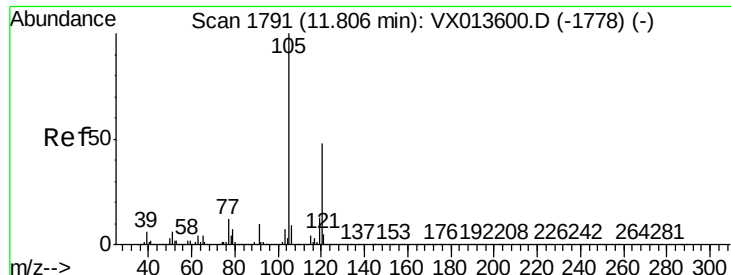
Tot Ion: 91 Resp: 1047182
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.0



#83
tert-Butylbenzene
Concen: 49.561 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 119 Resp: 1175070
Ion Ratio Lower Upper
119 100
91 54.2 27.2 81.6
134 24.0 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 48.797 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

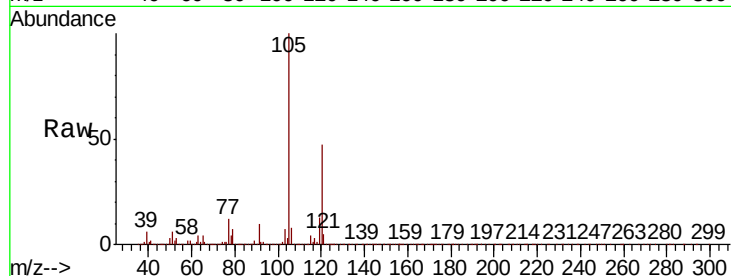
RE134D1-20191202MS

Tot Ion:105 Resp: 1155380

Ion Ratio Lower Upper

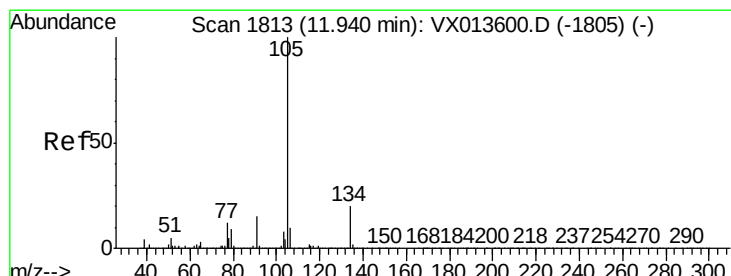
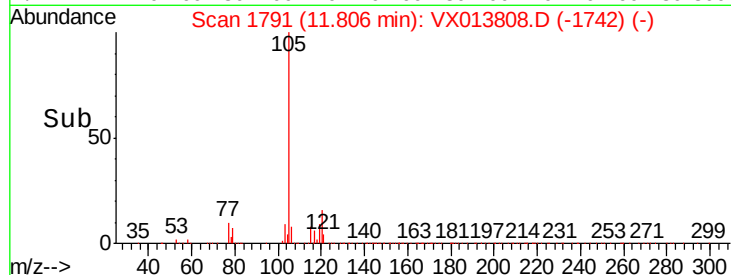
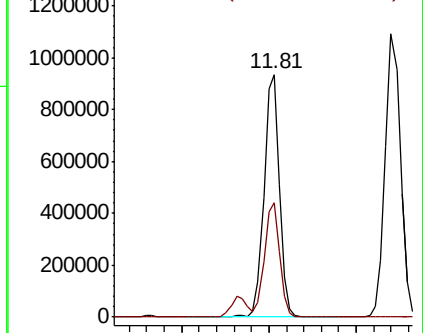
105 100

120 46.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 48.734 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013808.D

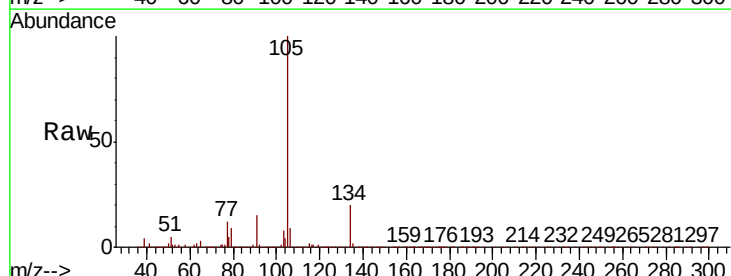
Acq: 06 Dec 2019 18:35

Tgt Ion:105 Resp: 1319792

Ion Ratio Lower Upper

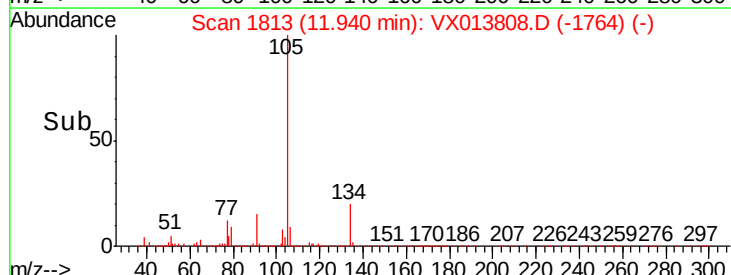
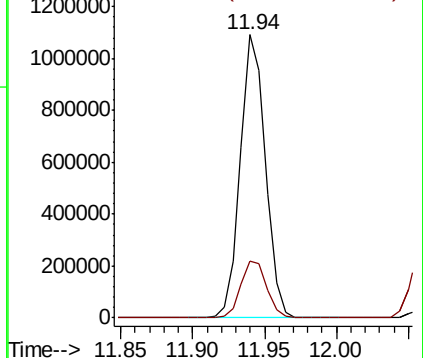
105 100

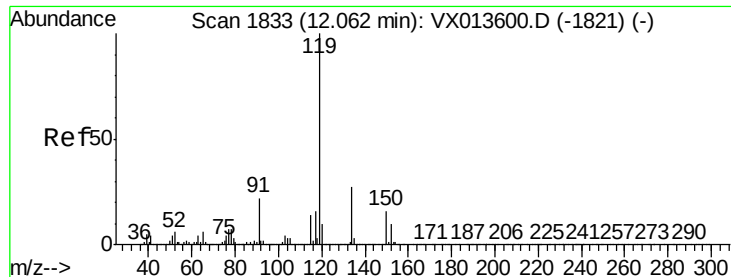
134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

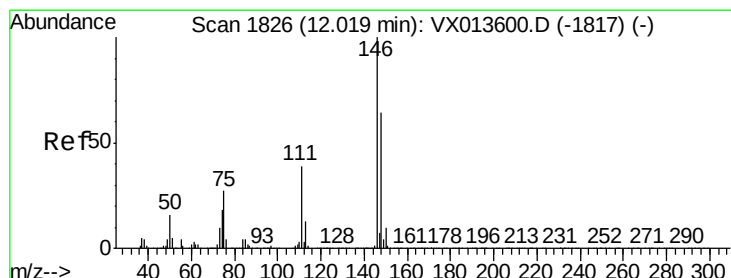
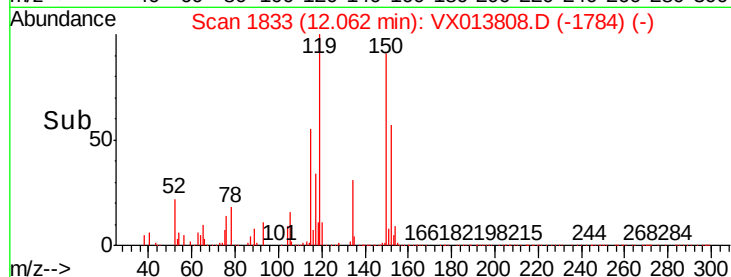
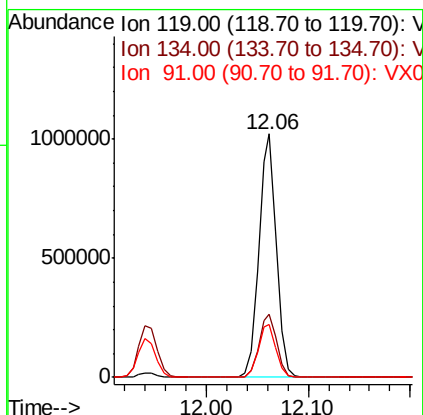
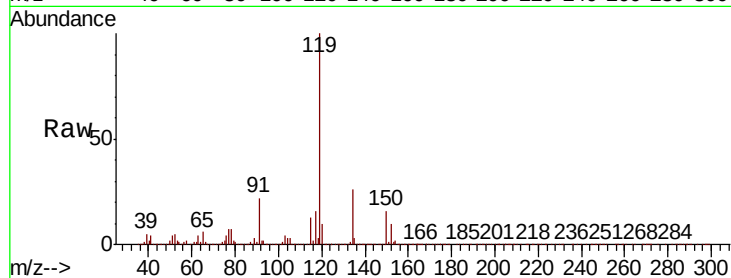




#86
p-Isopropyltoluene
Concen: 48.767 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

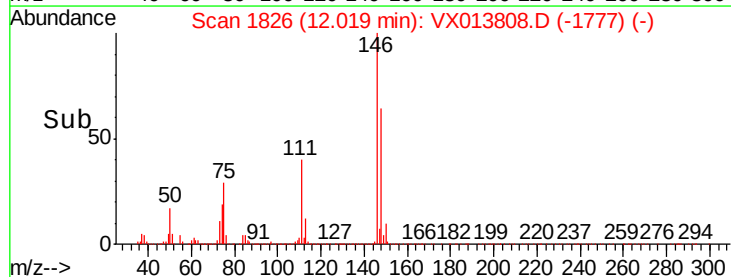
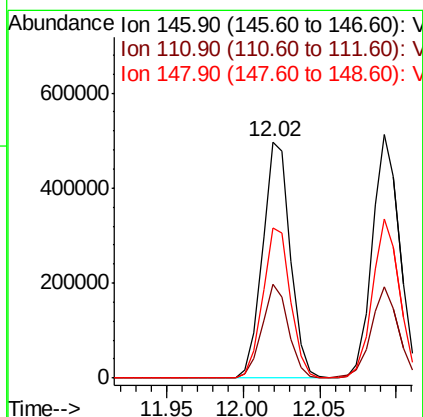
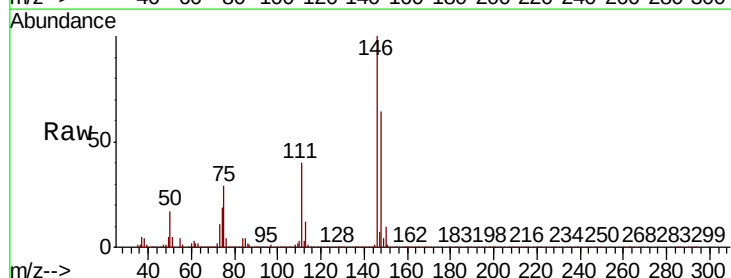
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

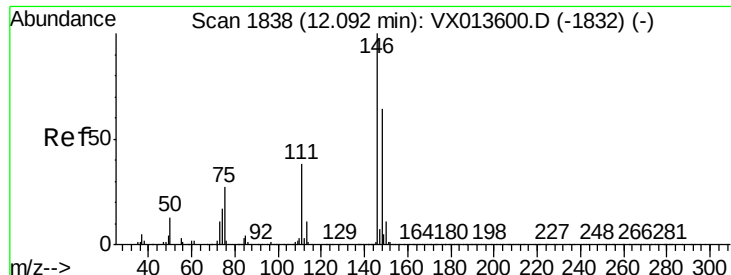
Tot Ion:119 Resp: 1228632
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 22.0 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 47.012 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion:146 Resp: 630186
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 63.6 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 46.317 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

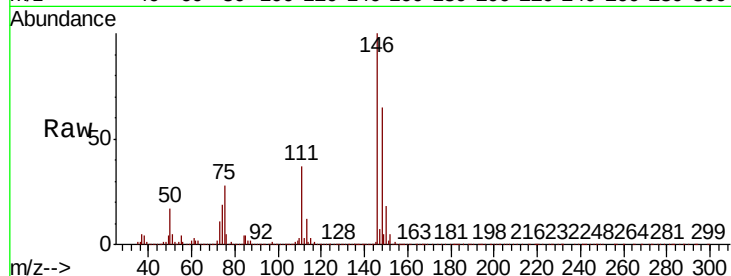
Tot Ion:146 Resp: 632390

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.9

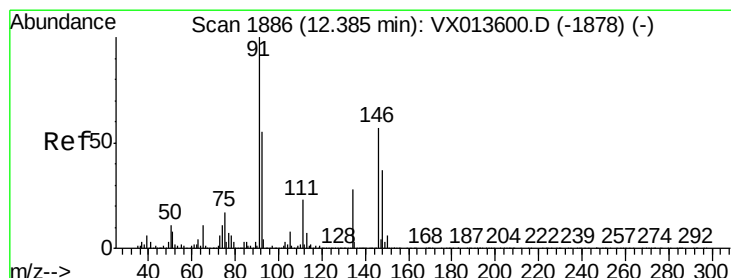
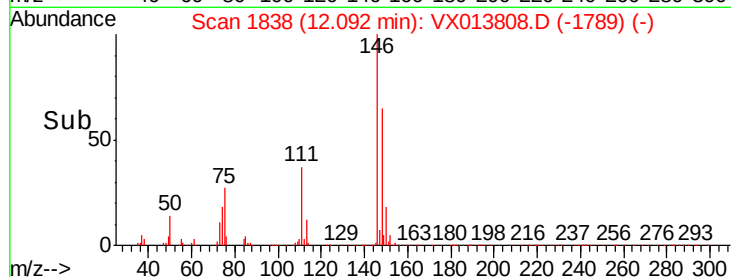
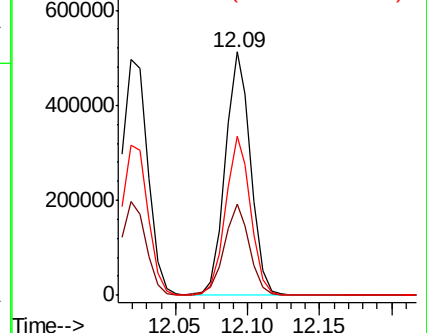
148 64.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.940 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

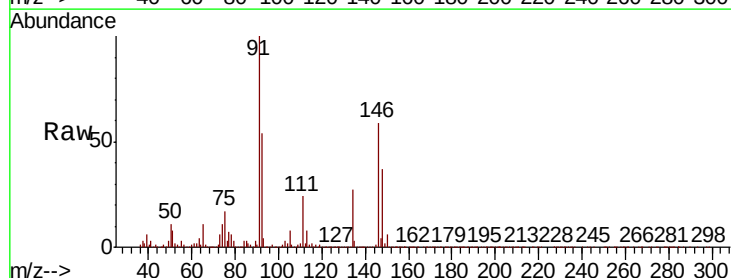
Tgt Ion: 91 Resp: 1008648

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

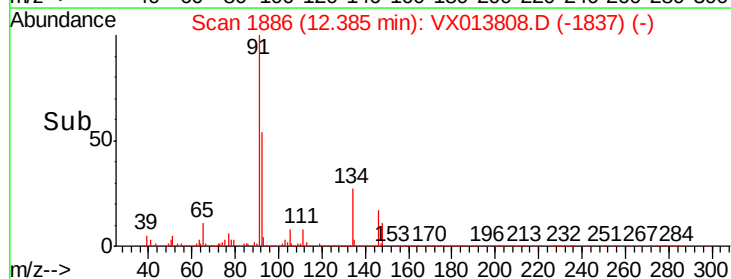
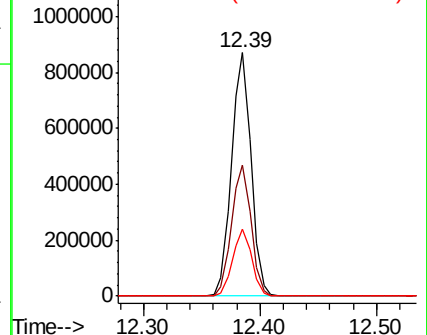
134 27.0 13.5 40.4

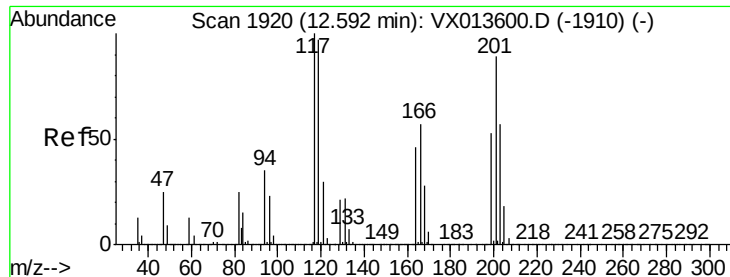


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

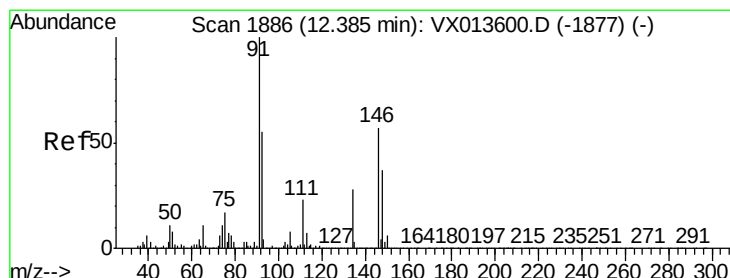
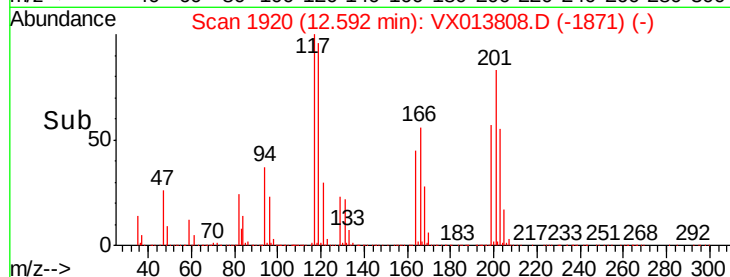
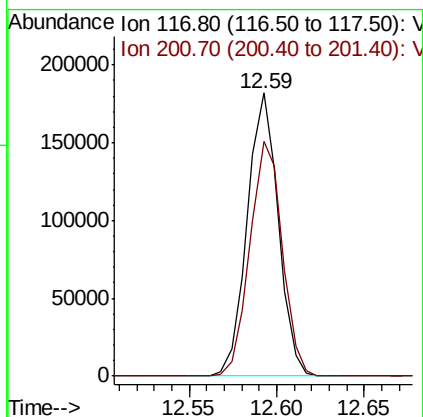
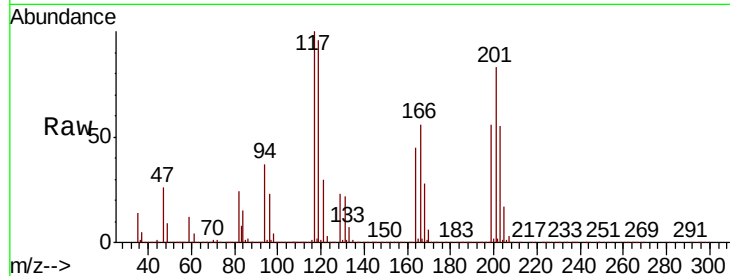




#90
Hexachloroethane
Concen: 49.308 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

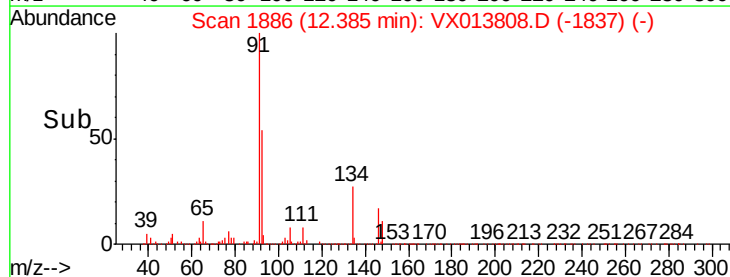
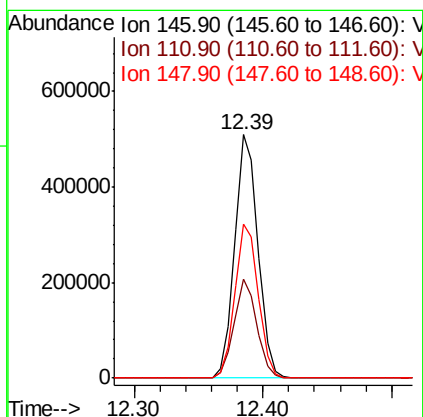
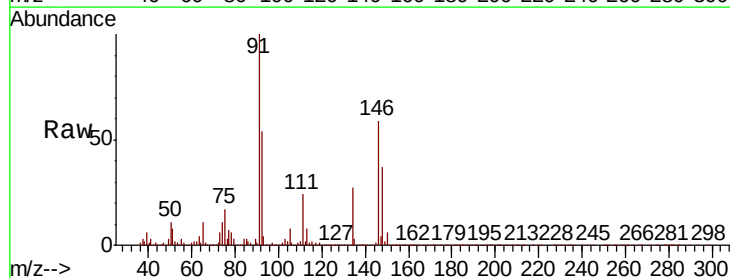
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

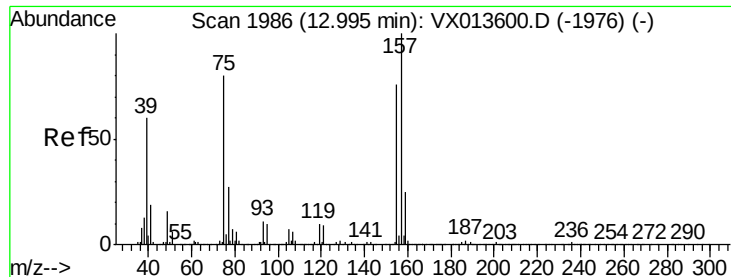
Tot Ion:117 Resp: 224539
Ion Ratio Lower Upper
117 100
201 86.4 44.1 132.4



#91
1,2-Dichlorobenzene
Concen: 48.418 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion:146 Resp: 641265
Ion Ratio Lower Upper
146 100
111 39.7 19.6 58.7
148 63.7 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.201 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

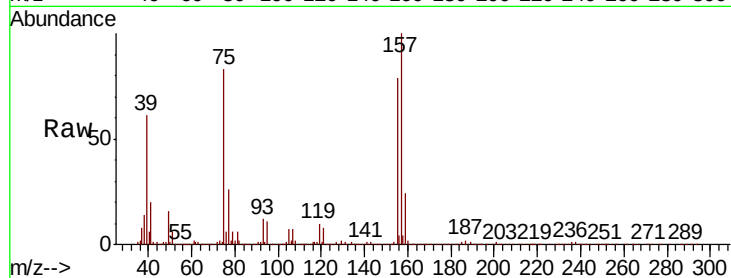
MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 75 Resp: 110065

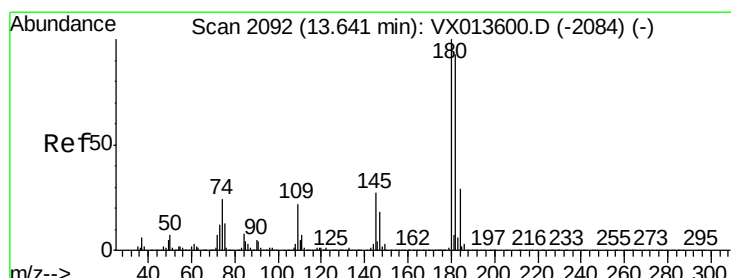
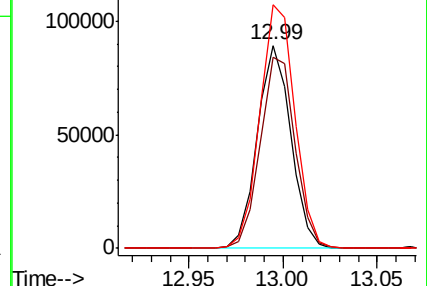
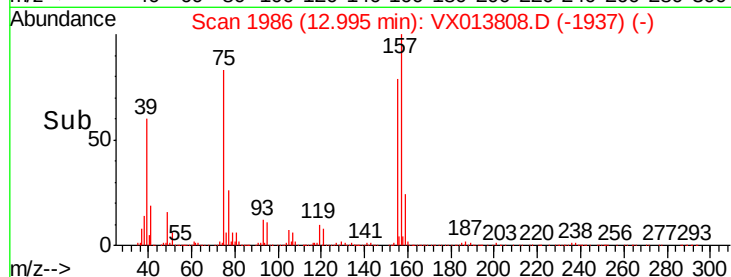
Ion	Ratio	Lower	Upper
75	100		
155	98.5	47.6	142.8
157	125.4	62.1	186.2



Abundance Ion 74.90 (74.60 to 75.60): VX013808.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013808.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013808.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 43.525 ug/l

RT: 13.64 min Scan# 2092

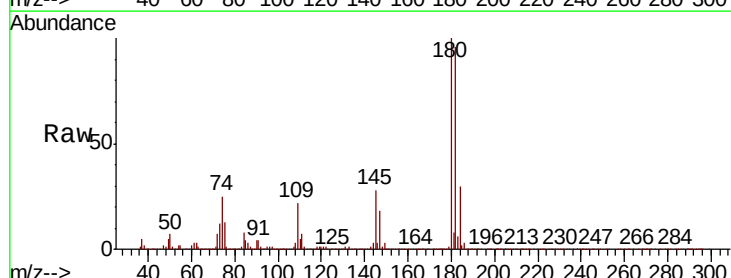
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion: 180 Resp: 401750

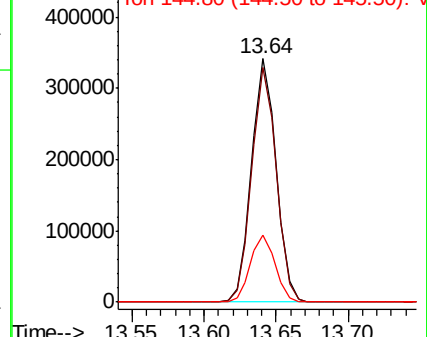
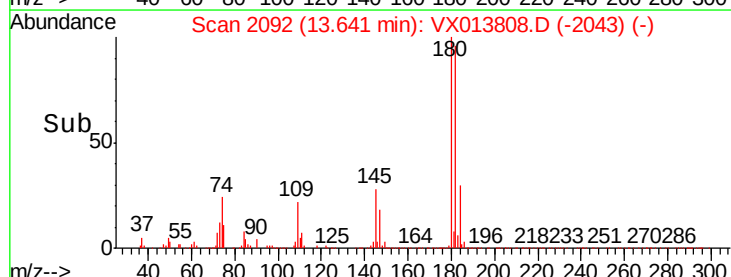
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.2	141.6
145	28.0	13.8	41.4

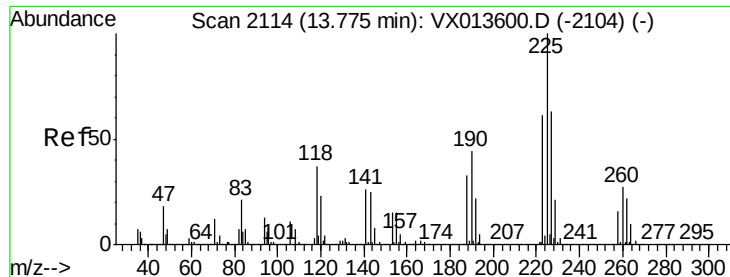


Abundance Ion 179.80 (179.50 to 180.50): VX013808.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013808.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013808.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 43.447 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

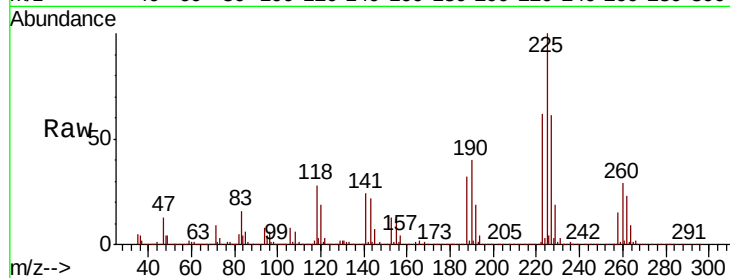
Tot Ion:225 Resp: 192646

Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.5

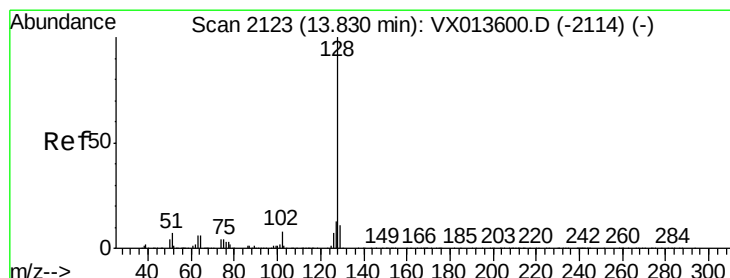
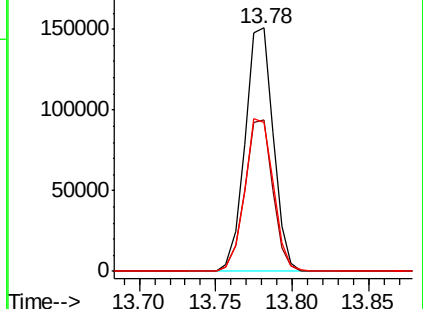
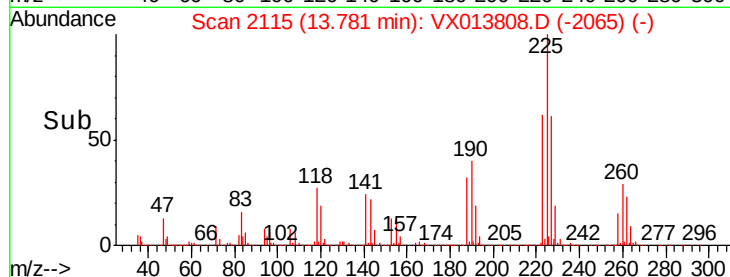
227 63.3 32.1 96.3



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: 48.048 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

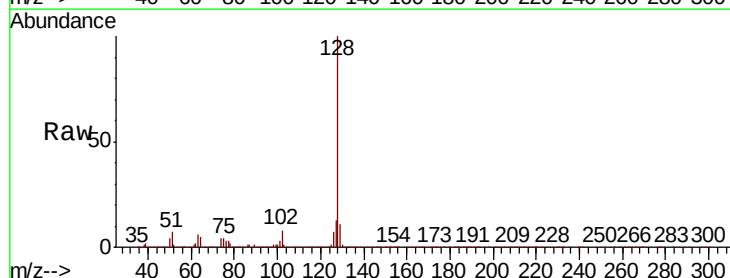
Tgt Ion:128 Resp: 1320765

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

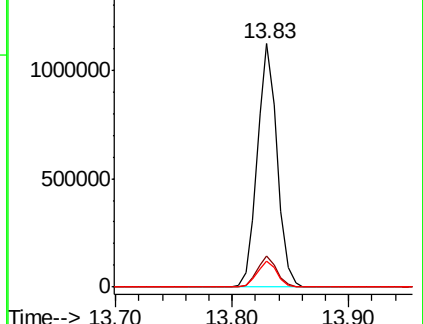
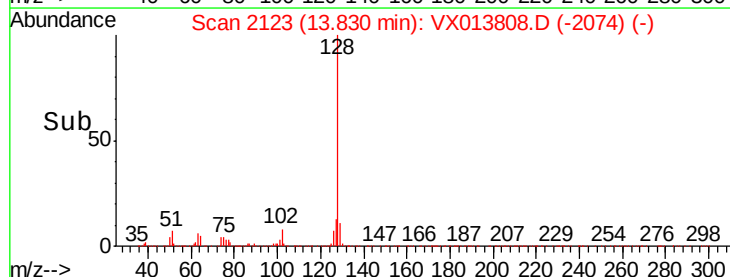
129 10.7 8.7 13.1

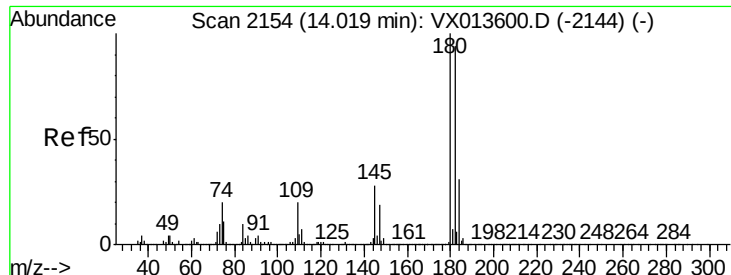


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

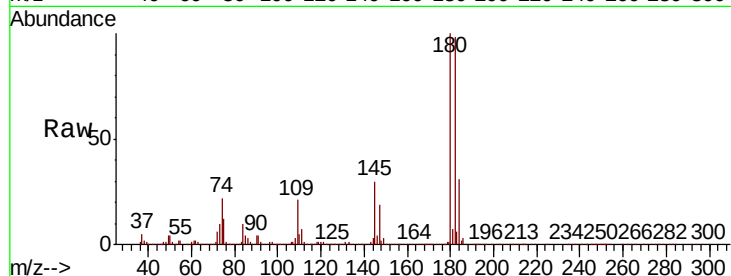




#96
 1,2,3-Trichlorobenzene
 Concen: 45.063 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	30.5	15.0	45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

