

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX013867.D
 Acq On : 09 Dec 2019 21:37
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Quant Time: Dec 12 08:14:33 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	548010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	858691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	776433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	381527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	286843	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	5.48	113	238255	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	906532	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.14	95	326219	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	276584	45.344	ug/l	98
3) Chloromethane	1.32	50	310444	45.358	ug/l	100
4) Vinyl Chloride	1.40	62	364670	47.339	ug/l	97
5) Bromomethane	1.63	94	236459	45.707	ug/l	99
6) Chloroethane	1.71	64	203739	46.478	ug/l	99
7) Trichlorofluoromethane	1.92	101	393268	45.975	ug/l	99
8) Diethyl Ether	2.18	74	183538	47.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1283411	245.638	ug/l	99
10) Methyl Iodide	2.50	142	288669	45.674	ug/l	98
11) Tert butyl alcohol	3.04	59	395277	251.746	ug/l	99
12) 1,1-Dichloroethene	2.36	96	252794	48.472	ug/l	98
13) Acrolein	2.28	56	306344	290.736	ug/l	100
14) Allyl chloride	2.72	41	442861	46.792	ug/l	99
15) Acrylonitrile	3.13	53	823573	254.107	ug/l	99
16) Acetone	2.44	43	710822	226.334	ug/l	98
17) Carbon Disulfide	2.56	76	613200	41.245	ug/l	99
18) Methyl Acetate	2.76	43	438347	50.124	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	839584	48.596	ug/l	100
20) Methylene Chloride	2.85	84	280960	46.566	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	259873	45.741	ug/l	98
22) Diisopropyl ether	3.84	45	911066	49.993	ug/l	98
23) Vinyl Acetate	3.80	43	3482216	229.691	ug/l	99
24) 1,1-Dichloroethane	3.69	63	494046	49.591	ug/l	98
25) 2-Butanone	4.66	43	1162554	249.074	ug/l	100
26) 2,2-Dichloropropane	4.57	77	316598	38.410	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	341573	52.352	ug/l	98
28) Bromochloromethane	5.00	49	200955	51.044	ug/l	97
29) Tetrahydrofuran	5.12	42	746989	259.608	ug/l	99
30) Chloroform	5.20	83	474994	47.013	ug/l	96
31) Cyclohexane	5.57	56	425019	45.231	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	398886	47.244	ug/l	99
36) 1,1-Dichloropropene	5.79	75	352061	45.166	ug/l	99
37) Ethyl Acetate	4.82	43	412980	47.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	343362	47.772	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	414042	42.972	ug/l	99
40) Benzene	6.14	78	1106631	46.614	ug/l	100
41) Methacrylonitrile	5.03	41	247592	51.628	ug/l	98
42) 1,2-Dichloroethane	6.19	62	382627	47.259	ug/l	100
43) Isopropyl Acetate	6.43	43	671015	46.610	ug/l	100
44) Trichloroethene	7.21	130	1029563	158.019	ug/l	99
45) 1,2-Dichloropropane	7.51	63	291345	49.050	ug/l	97
46) Dibromomethane	7.65	93	187885	46.574	ug/l	99
47) Bromodichloromethane	7.89	83	368937	48.377	ug/l	98
48) Methyl methacrylate	7.76	41	349480	49.963	ug/l	100
49) 1,4-Dioxane	7.73	88	165191	1055.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2295717	253.514	ug/l	100
52) Toluene	8.78	92	687531	46.617	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	400034	46.083	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438201	46.205	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288645	48.566	ug/l	99
56) Ethyl methacrylate	9.17	69	467776	48.954	ug/l	99
57) 1,3-Dichloropropane	9.37	76	483904	47.236	ug/l	100
59) 2-Hexanone	9.49	43	1782864	252.434	ug/l	98
60) Dibromochloromethane	9.57	129	295614	47.928	ug/l	98
61) 1,2-Dibromoethane	9.67	107	297522	46.871	ug/l	99
64) Tetrachloroethene	9.33	164	339793	58.684	ug/l	99
65) Chlorobenzene	10.14	112	745089	46.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	277335	47.910	ug/l	99
67) Ethyl Benzene	10.25	91	1301237	46.974	ug/l	98
68) m/p-Xylenes	10.35	106	993841	93.710	ug/l	99
69) o-Xylene	10.70	106	486129	46.999	ug/l	100
70) Stvrene	10.71	104	822533	47.273	ug/l	99
71) Bromoform	10.85	173	232859	48.617	ug/l #	98
73) Isopropylbenzene	11.01	105	1271846	47.523	ug/l	100
74) N-amyl acetate	10.89	43	568954	46.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	471239	50.774	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	519953	60.592	ug/l	88
77) Bromobenzene	11.25	156	335564	46.413	ug/l	98
78) n-propylbenzene	11.35	91	1410505	47.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	840989	46.927	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1037263	47.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	142460	45.418	ug/l	100
82) 4-Chlorotoluene	11.51	91	959404	46.221	ug/l	99
83) tert-Butylbenzene	11.76	119	1078051	48.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1059685	47.602	ug/l	100
85) sec-Butylbenzene	11.94	105	1204382	47.301	ug/l	100
86) p-Isopropyltoluene	12.06	119	1092510	46.122	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	568766	45.129	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	571229	44.498	ug/l	99
89) n-Butylbenzene	12.39	91	907099	44.899	ug/l	100
90) Hexachloroethane	12.59	117	202834	47.374	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	583650	46.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100888	49.917	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	366629	42.246	ug/l	99

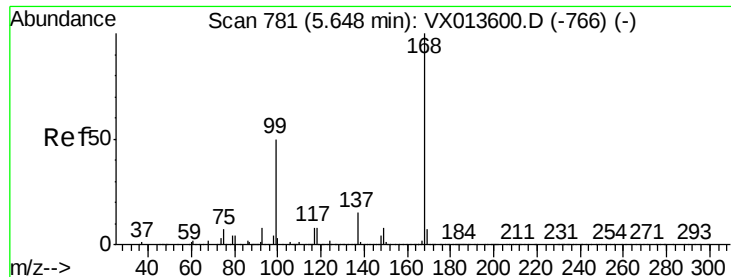
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173739	41.675	ug/l	99
95) Naphthalene	13.83	128	1179509	45.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383305	44.608	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

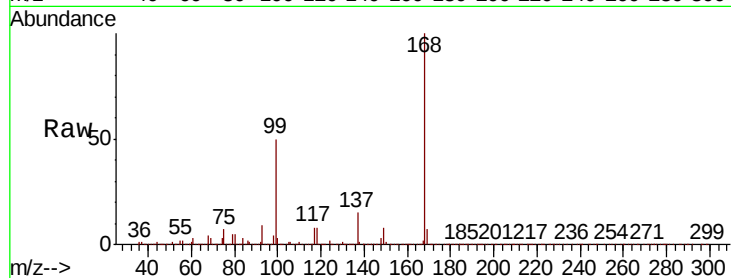
RE131D2-20191204MSD

Tot Ion:168 Resp: 548010

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

100000

50000

0

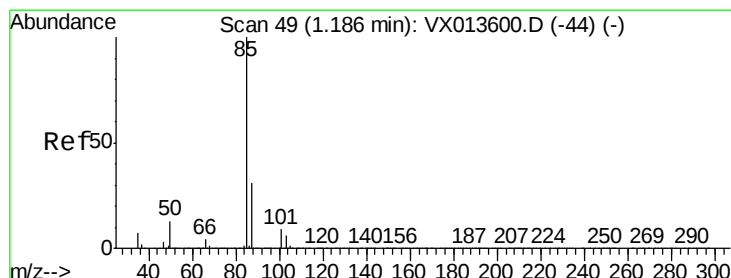
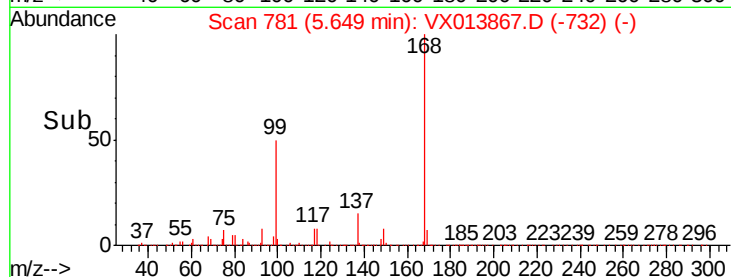
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.344 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013867.D

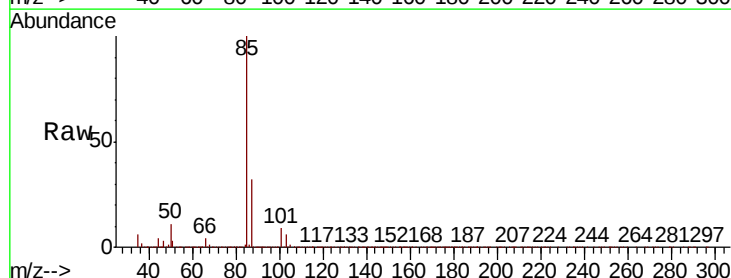
Acq: 09 Dec 2019 21:37

Tgt Ion: 85 Resp: 276584

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

250000

200000

150000

100000

50000

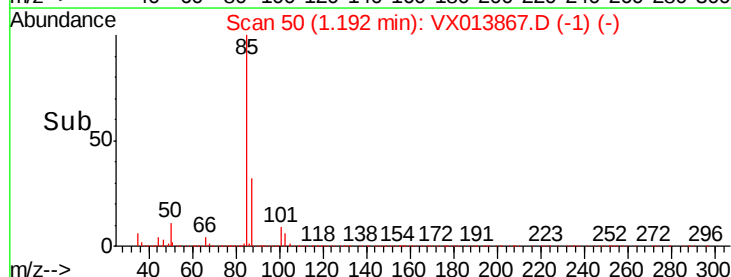
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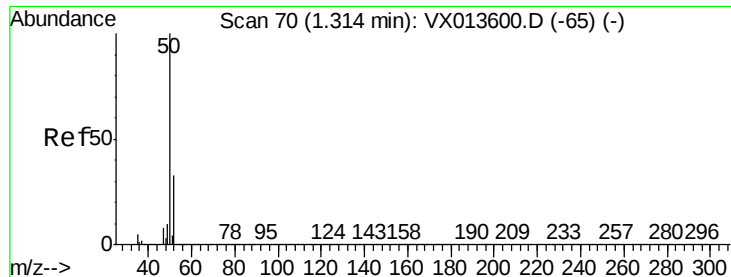
1.10

1.20

1.30

Time-->

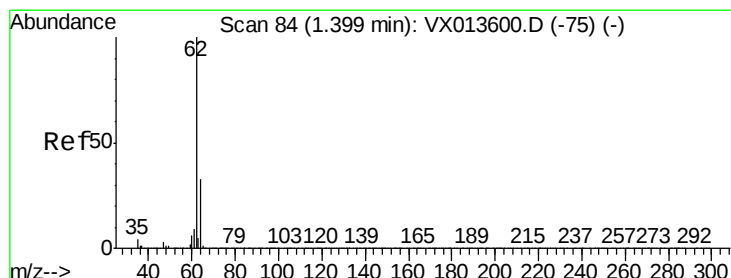
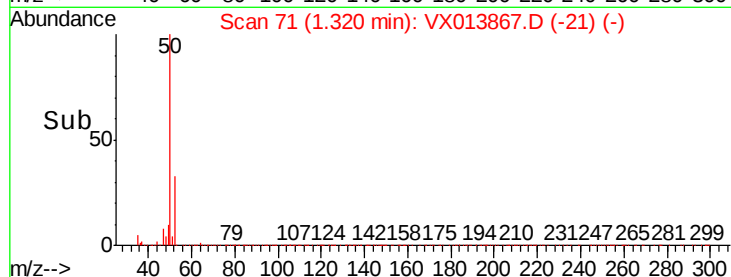
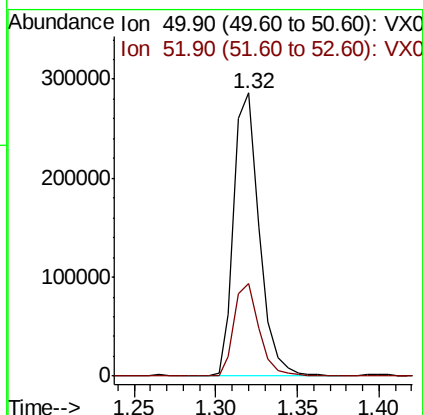
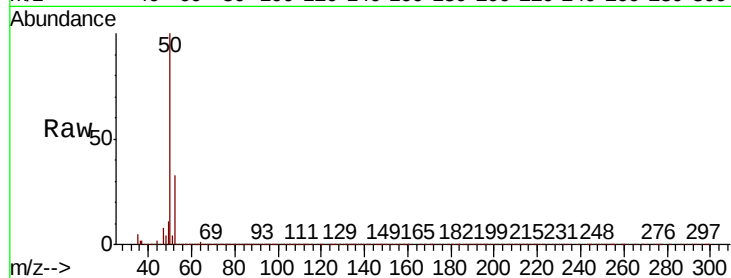




#3
Chloromethane
Concen: 45.358 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

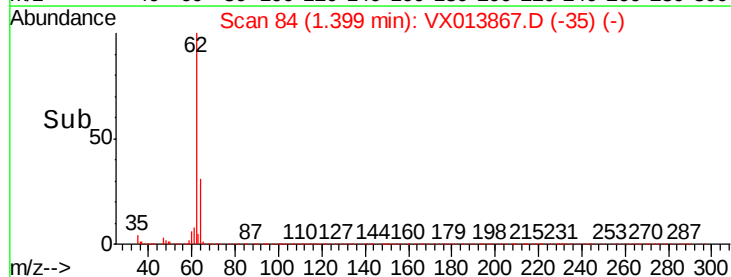
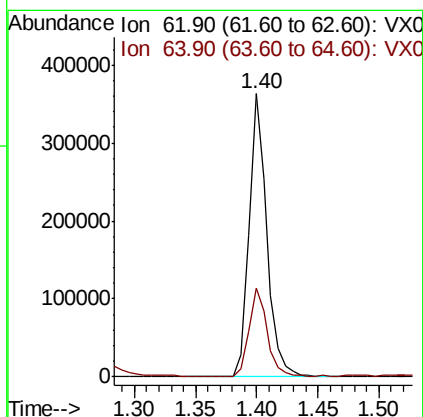
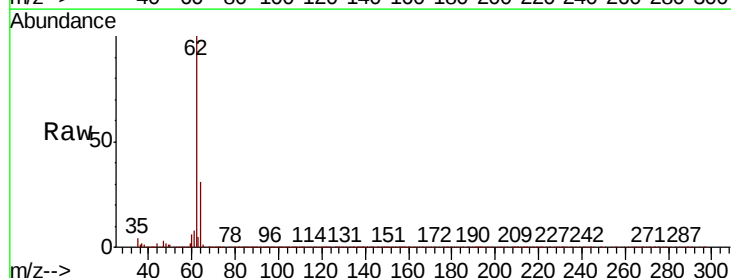
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion: 50 Resp: 310444
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 47.339 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 62 Resp: 364670
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0





#5

Bromomethane

Concen: 45.707 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

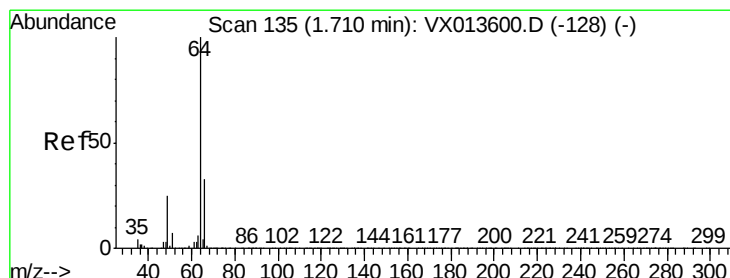
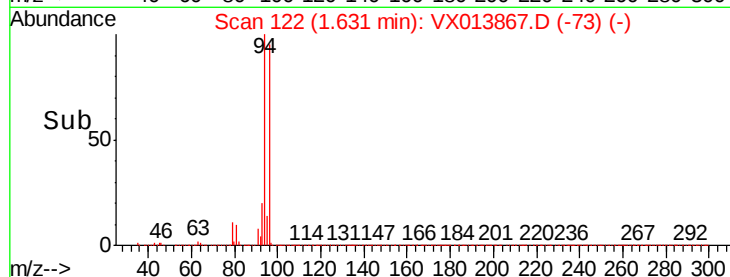
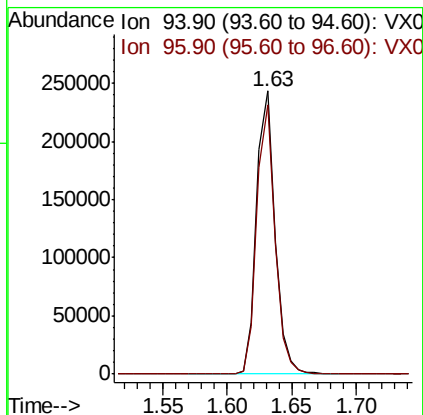
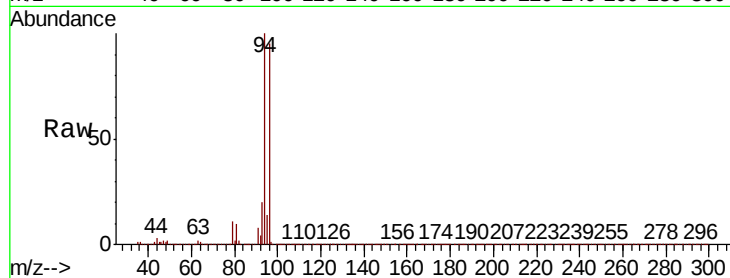
RE131D2-20191204MSD

Tot Ion: 94 Resp: 236459

Ion Ratio Lower Upper

94 100

96 95.0 77.0 115.4



#6

Chloroethane

Concen: 46.478 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013867.D

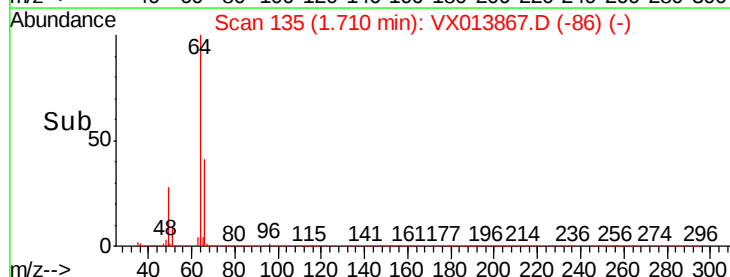
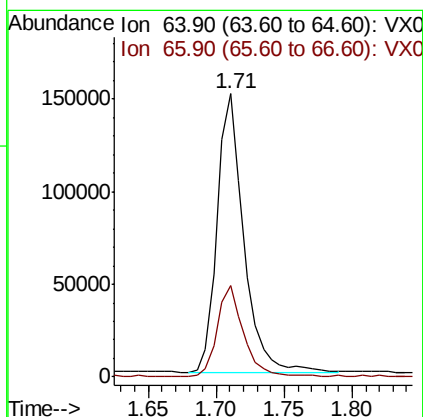
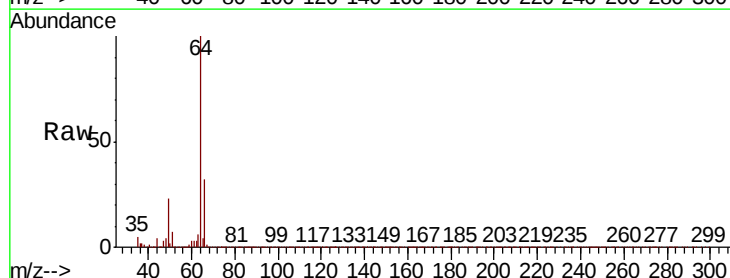
Acq: 09 Dec 2019 21:37

Tgt Ion: 64 Resp: 203739

Ion Ratio Lower Upper

64 100

66 32.6 26.7 40.1



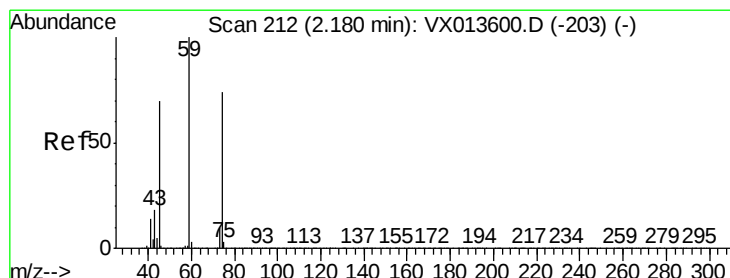
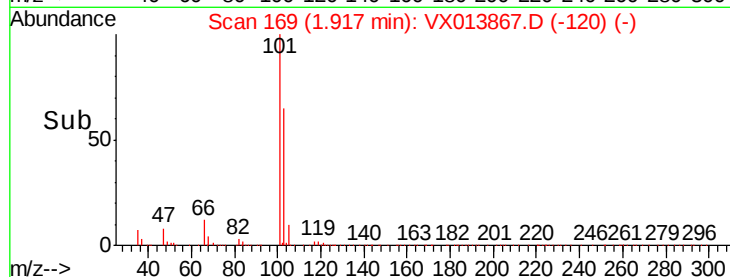
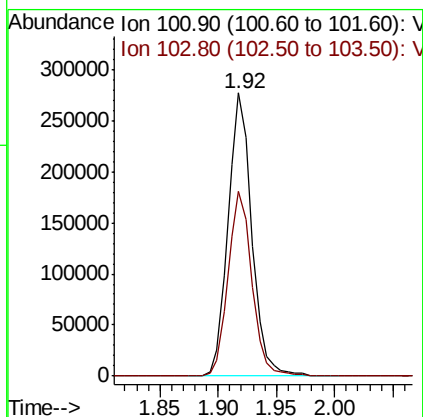
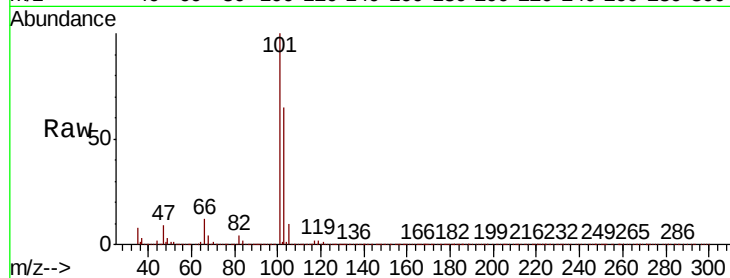


#7

Trichlorofluoromethane
Concen: 45.975 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

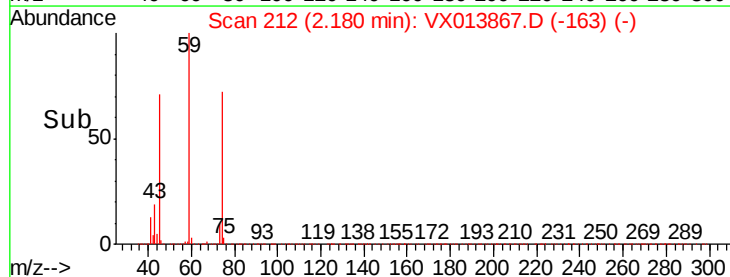
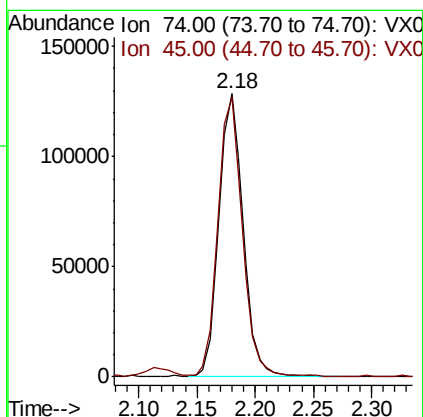
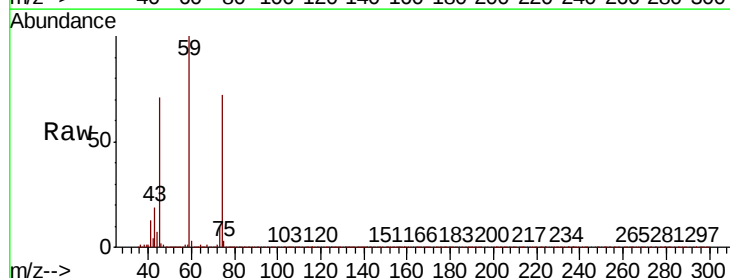
Tot Ion:101 Resp: 393268
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

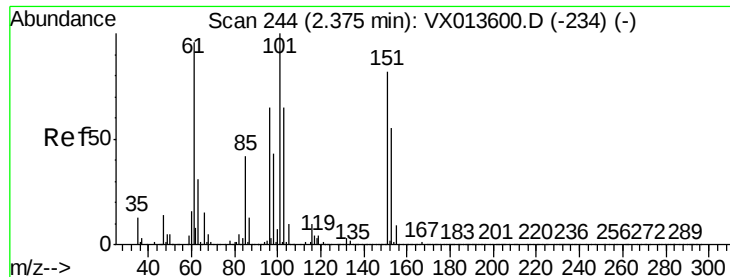


#8

Diethyl Ether
Concen: 47.428 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 74 Resp: 183538
Ion Ratio Lower Upper
74 100
45 99.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 245.638 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

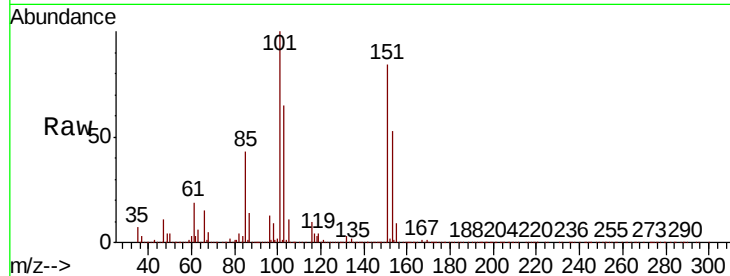
Tot Ion:101 Resp: 1283411

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

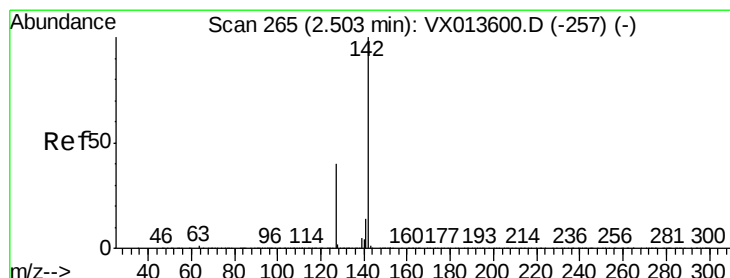
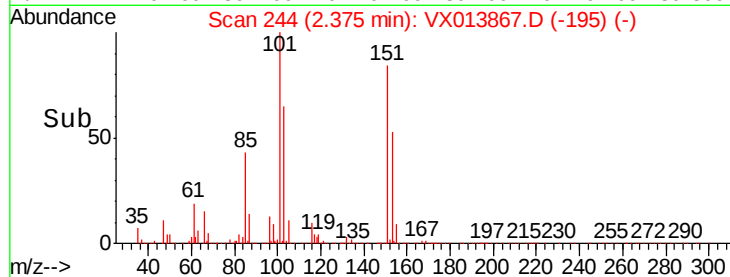
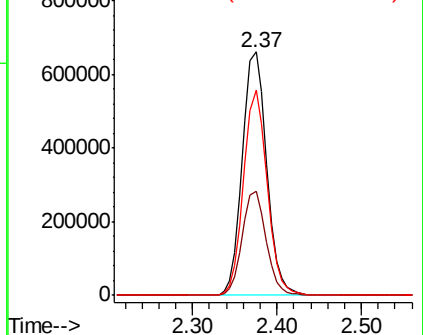
151 81.7 64.2 96.2



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: 45.674 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

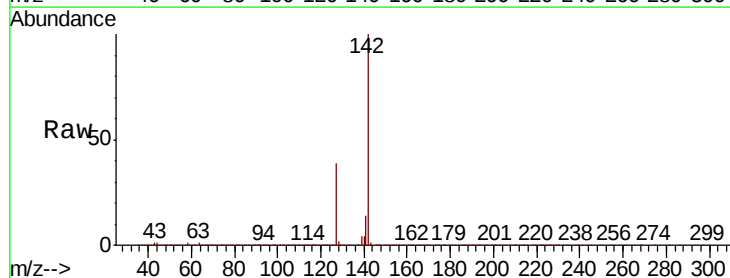
Tgt Ion:142 Resp: 288669

Ion Ratio Lower Upper

142 100

127 39.8 31.0 46.4

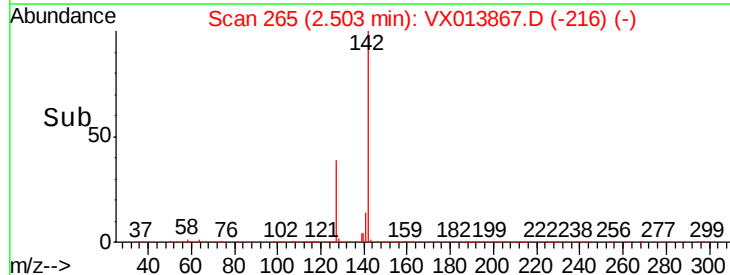
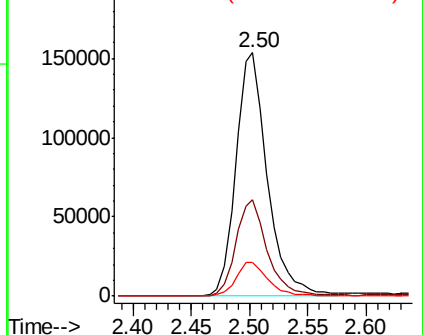
141 14.1 11.6 17.4



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

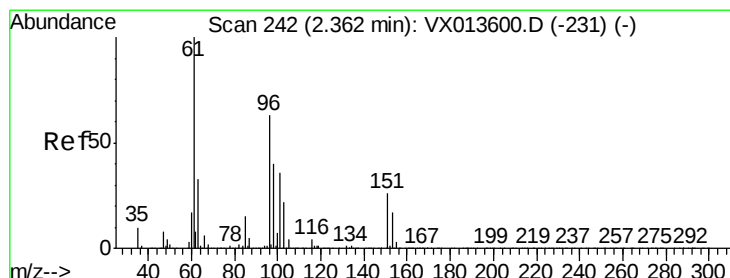
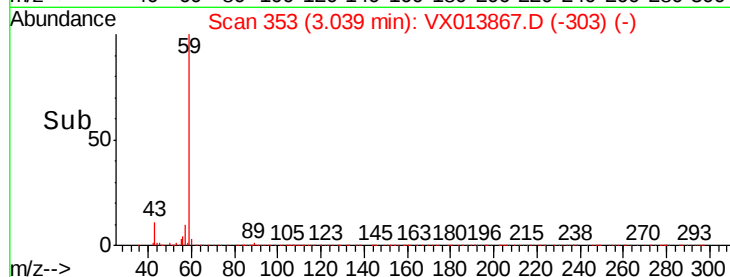
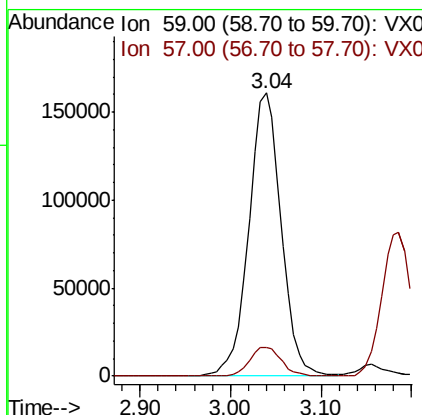
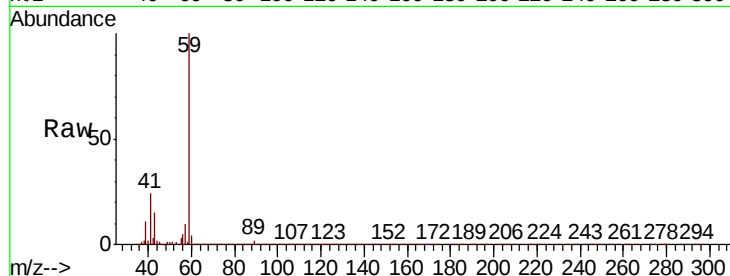




#11
Tert butyl alcohol
Concen: 251.746 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

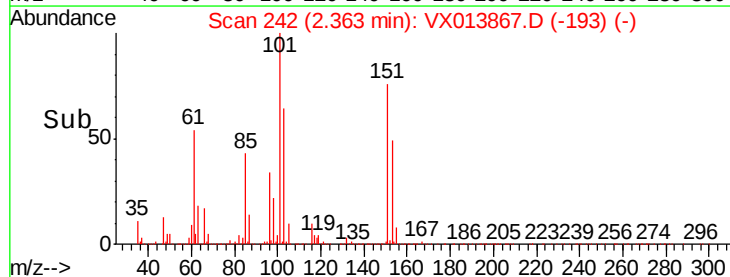
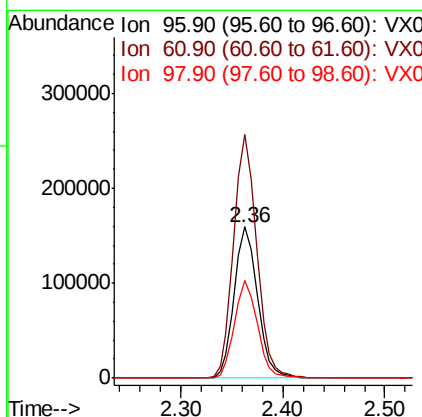
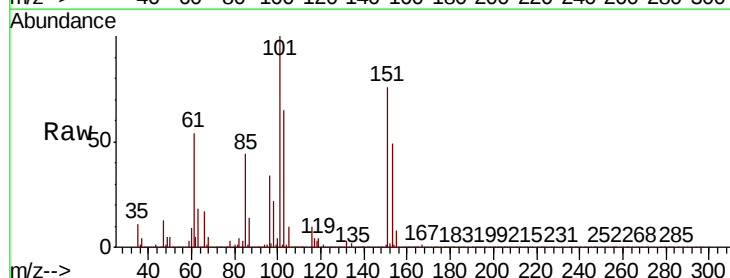
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

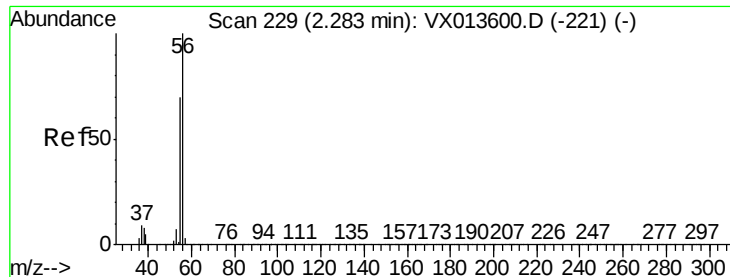
Tot Ion: 59 Resp: 395277
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.472 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 96 Resp: 252794
Ion Ratio Lower Upper
96 100
61 160.9 126.6 190.0
98 64.2 50.6 76.0

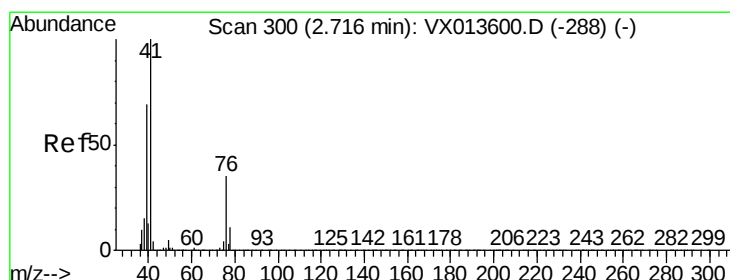
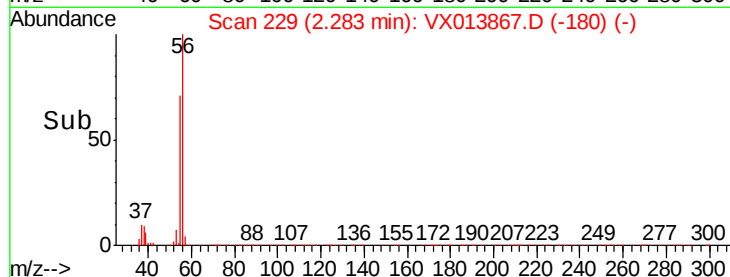
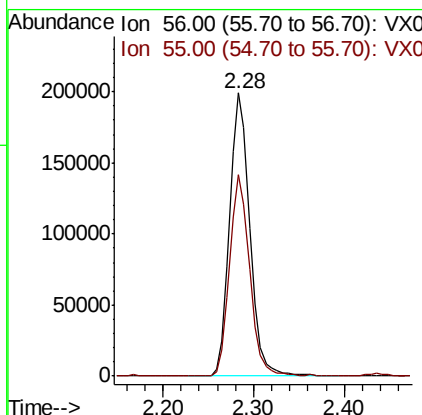
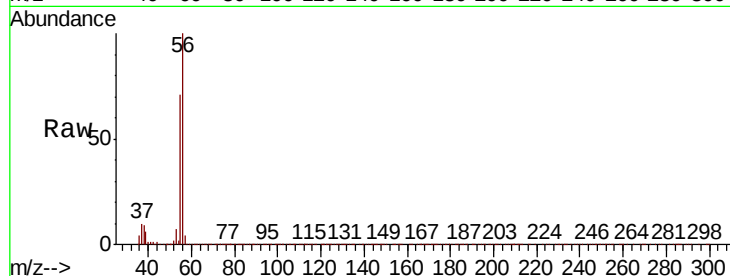




#13
Acrolein
Concen: 290.736 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

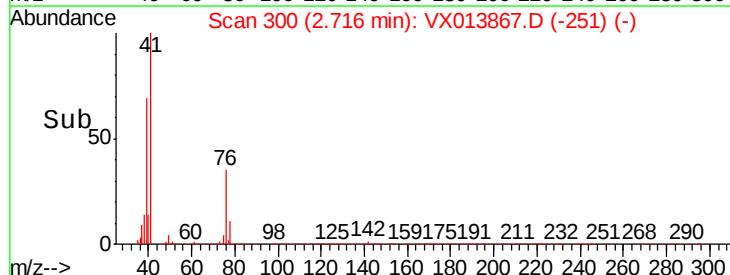
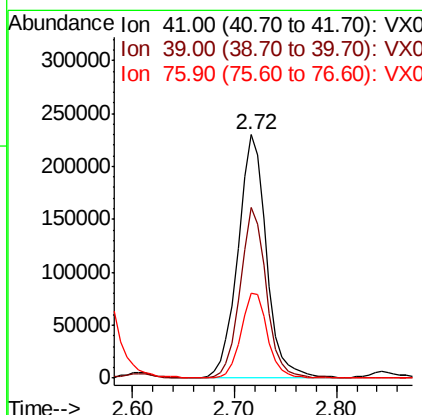
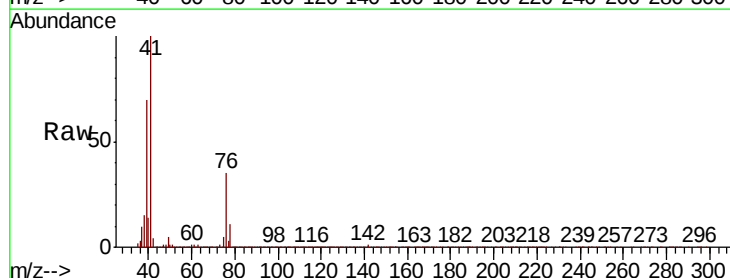
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

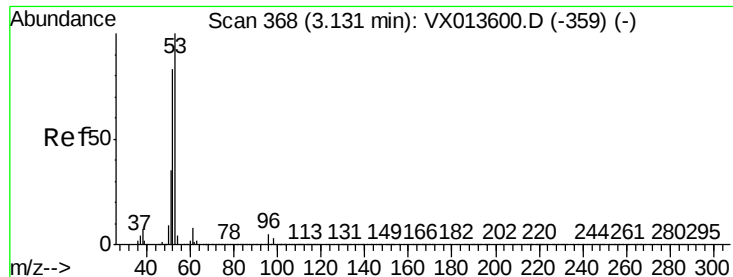
Tot Ion: 56 Resp: 306344
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 46.792 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 41 Resp: 442861
Ion Ratio Lower Upper
41 100
39 64.0 51.7 77.5
76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 254.107 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

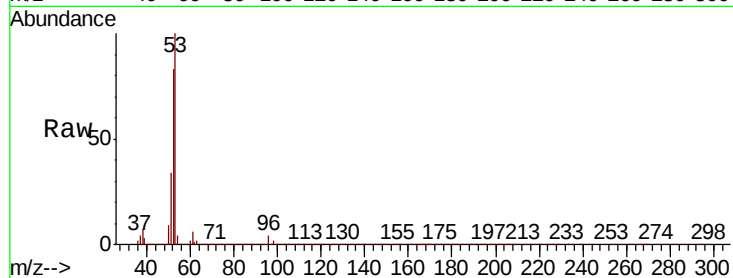
MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 53 Resp: 823573

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	34.9	29.0	43.6

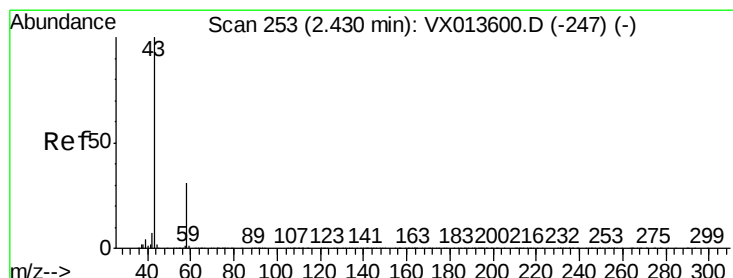
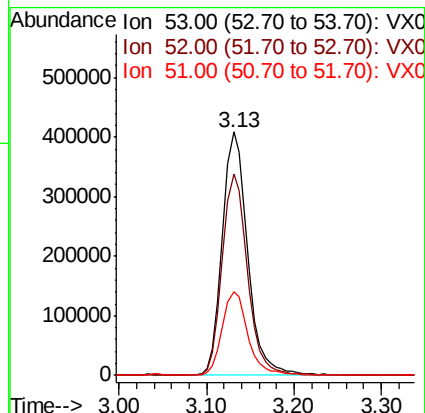
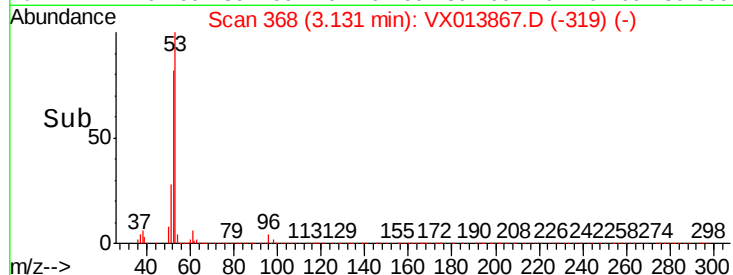


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.334 ug/l

RT: 2.44 min Scan# 254

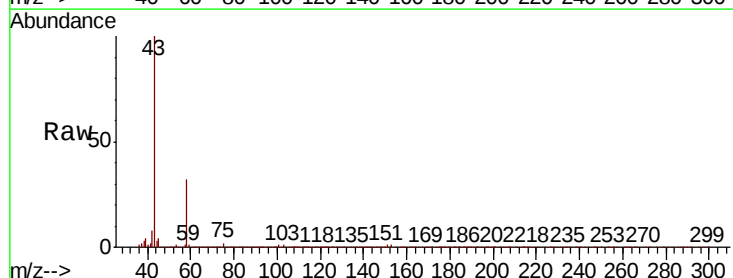
Delta R.T. 0.01 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Tgt Ion: 43 Resp: 710822

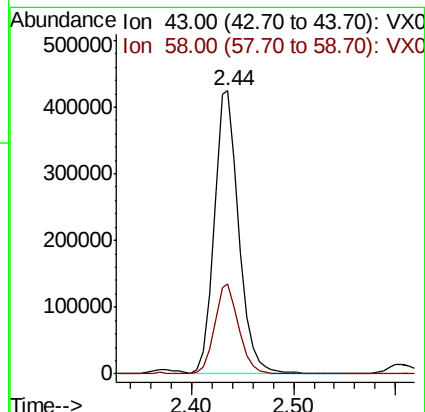
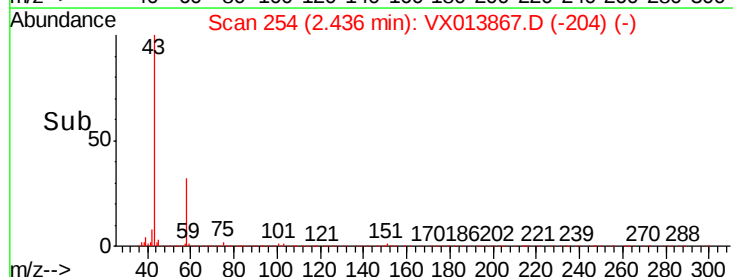
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	36.8

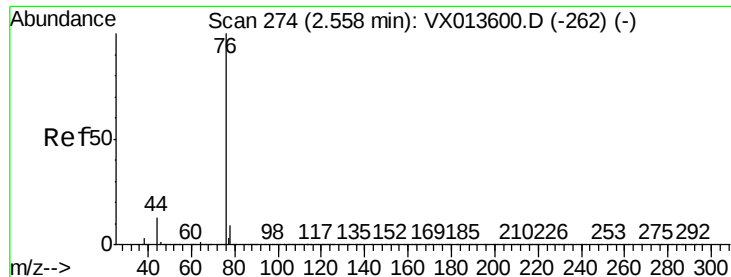


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.245 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

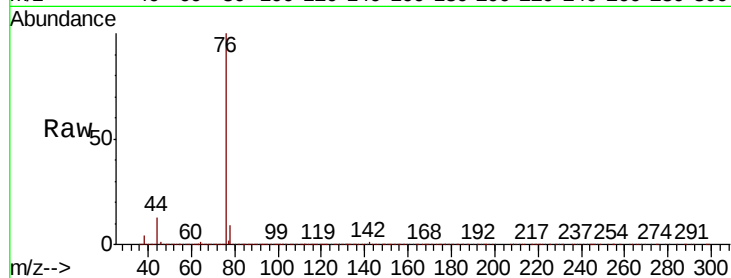
RE131D2-20191204MSD

Tot Ion: 76 Resp: 613200

Ion Ratio Lower Upper

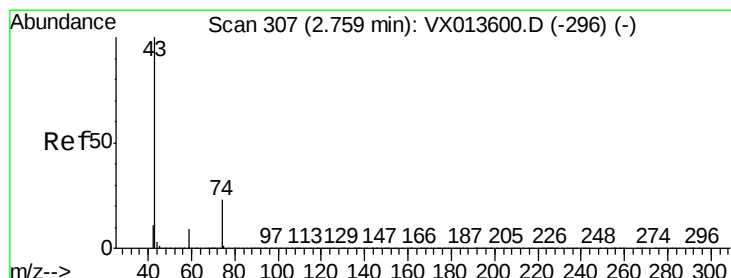
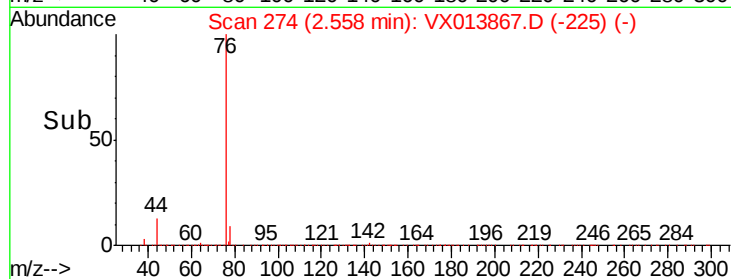
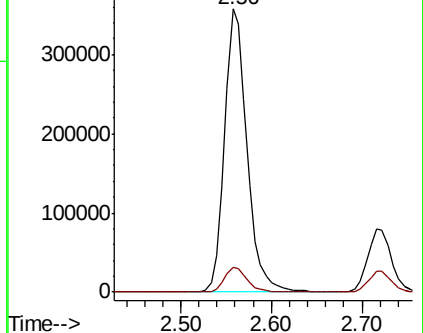
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.124 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013867.D

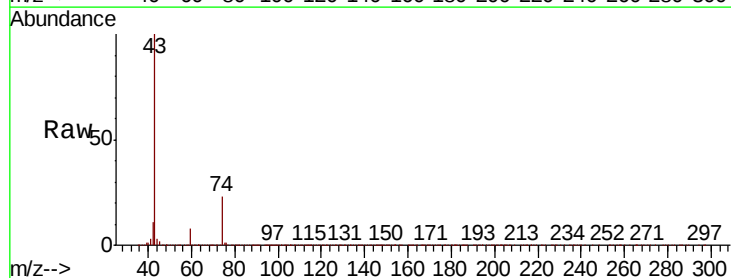
Acq: 09 Dec 2019 21:37

Tgt Ion: 43 Resp: 438347

Ion Ratio Lower Upper

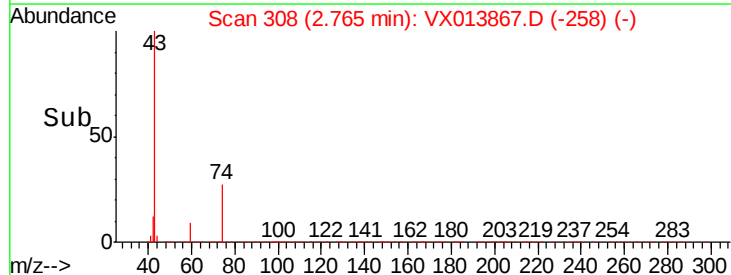
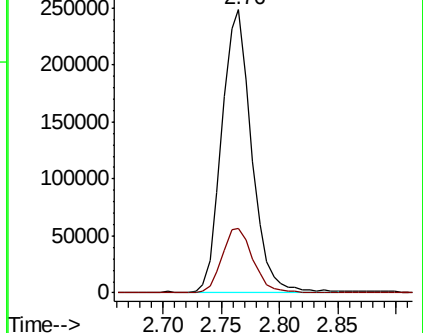
43 100

74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



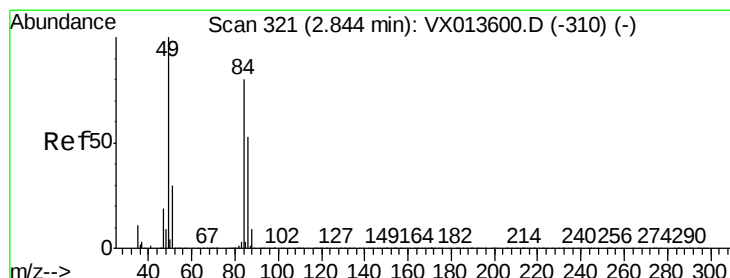
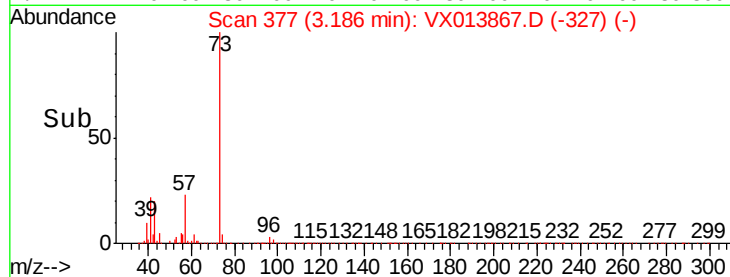
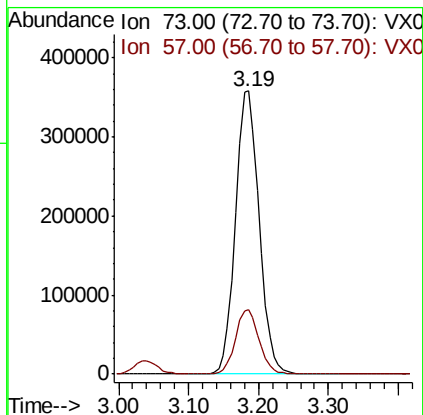
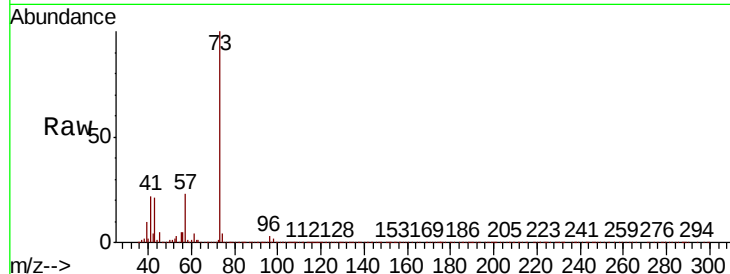


#19

Methyl tert-butyl Ether
 Concen: 48.596 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

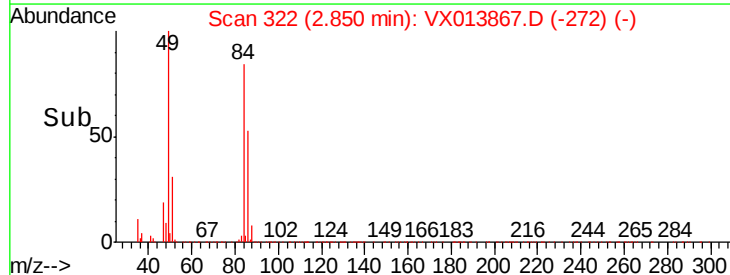
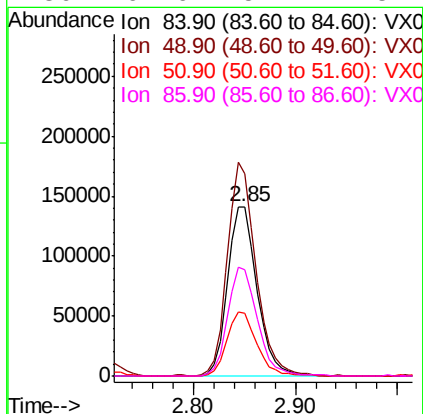
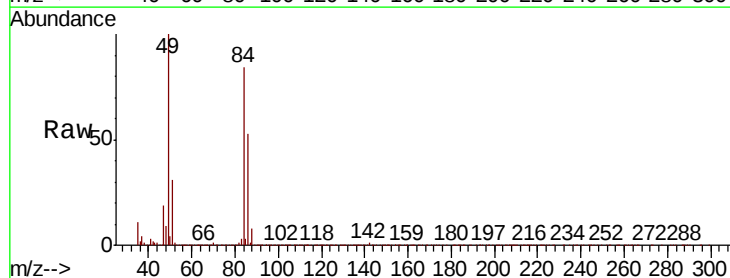
Tot Ion: 73 Resp: 839584
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.3 27.5

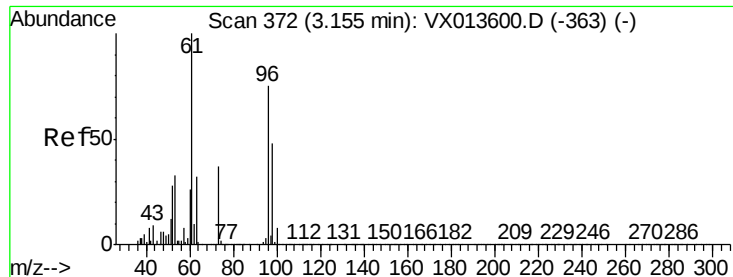


#20

Methylene Chloride
 Concen: 46.566 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 84 Resp: 280960
 Ion Ratio Lower Upper
 84 100
 49 119.0 99.7 149.5
 51 37.1 29.9 44.9
 86 62.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 45.741 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

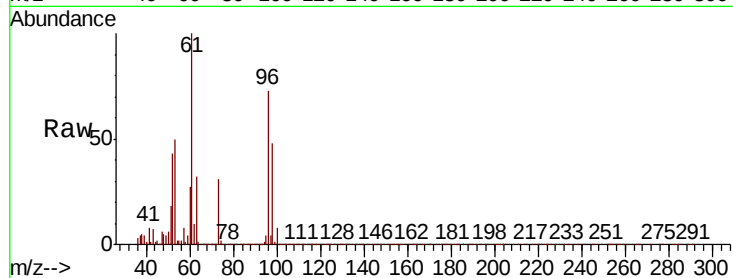
Tot Ion: 96 Resp: 259873

Ion Ratio Lower Upper

96 100

61 136.1 107.2 160.8

98 65.2 51.4 77.0

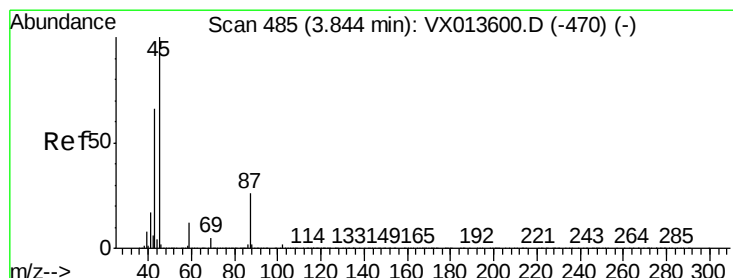
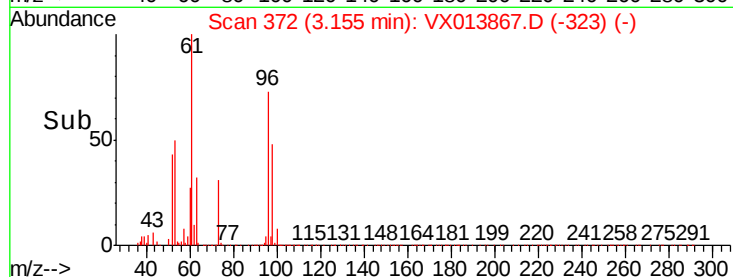
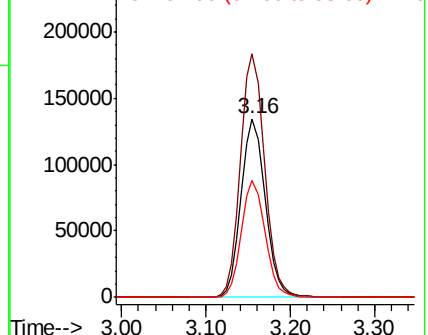


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.993 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Tgt Ion: 45 Resp: 911066

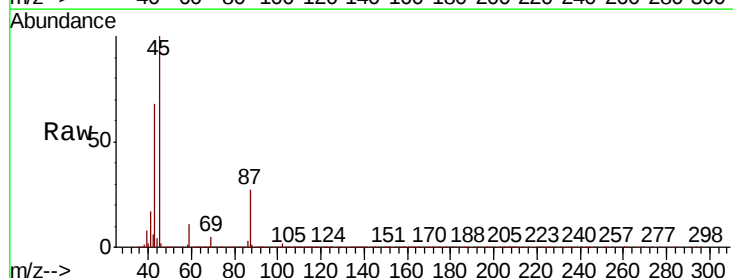
Ion Ratio Lower Upper

45 100

43 67.7 52.6 79.0

87 26.7 21.1 31.7

59 11.1 9.2 13.8



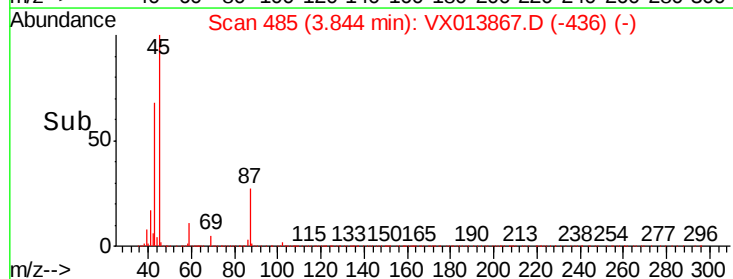
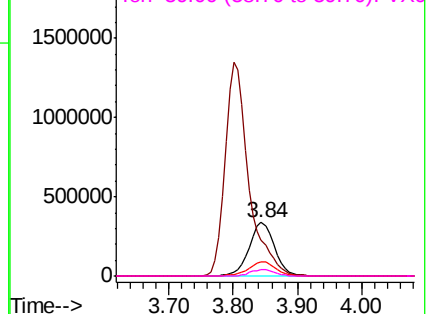
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 229.691 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

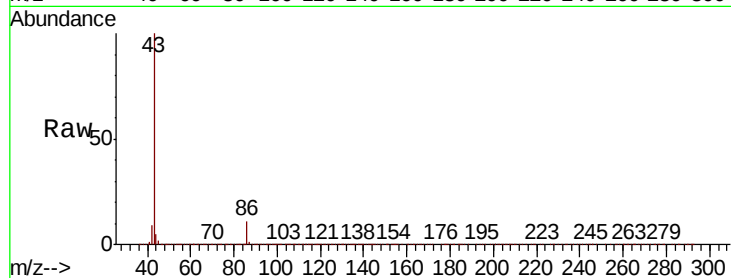
RE131D2-20191204MSD

Tot Ion: 43 Resp: 3482216

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

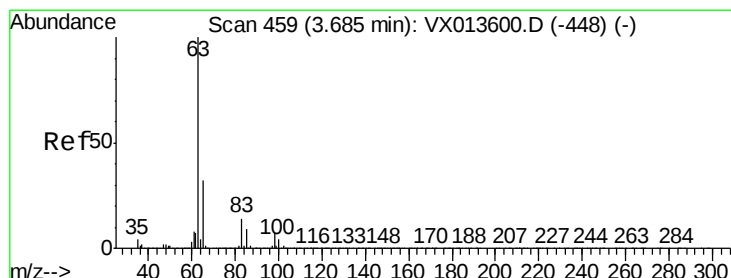
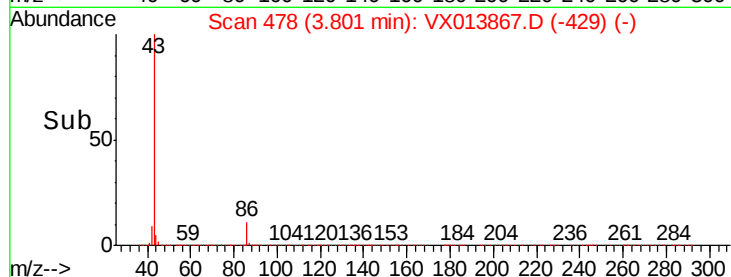
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.591 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

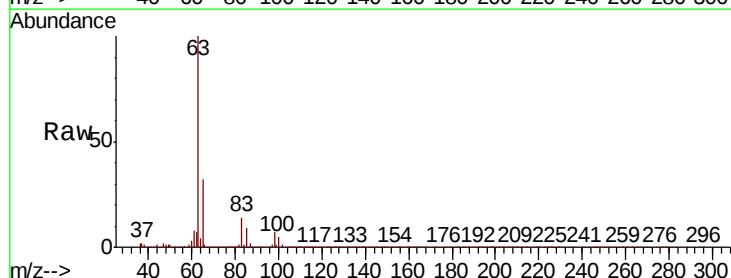
Tgt Ion: 63 Resp: 494046

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

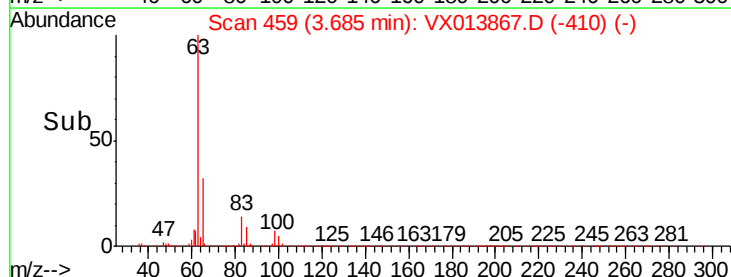
150000

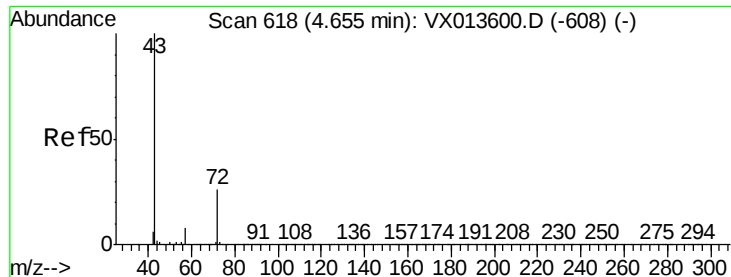
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.074 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

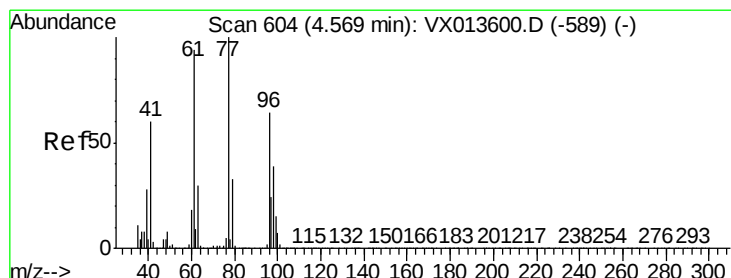
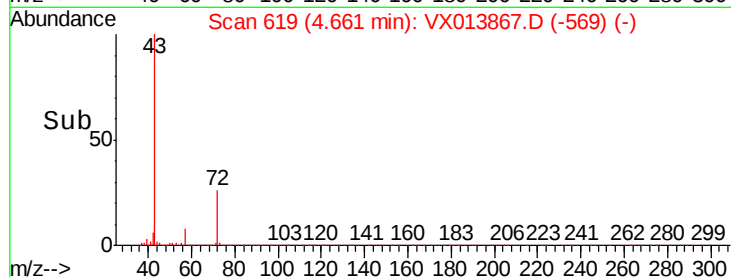
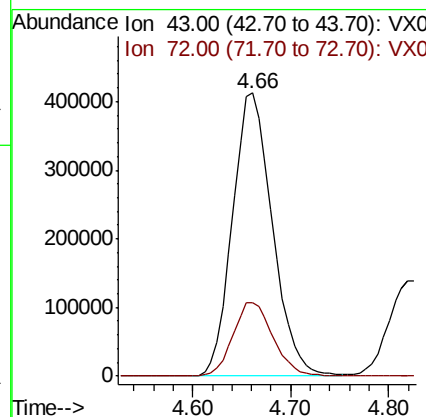
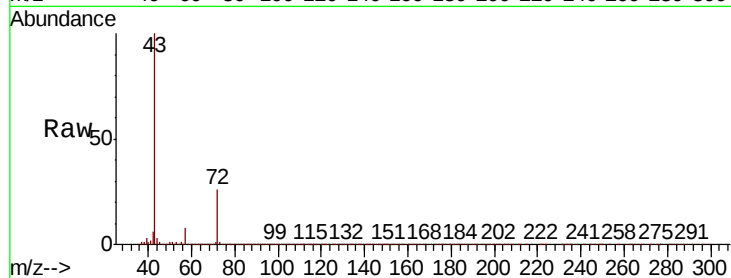
RE131D2-20191204MSD

Tot Ion: 43 Resp: 1162554

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 38.410 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013867.D

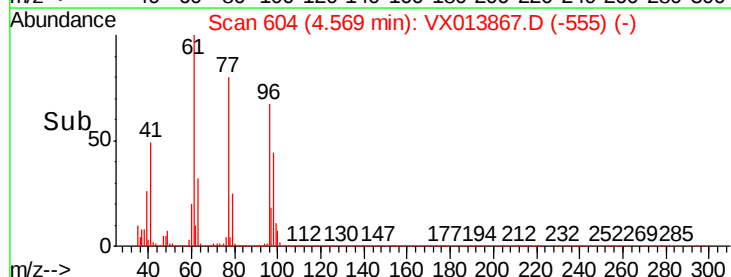
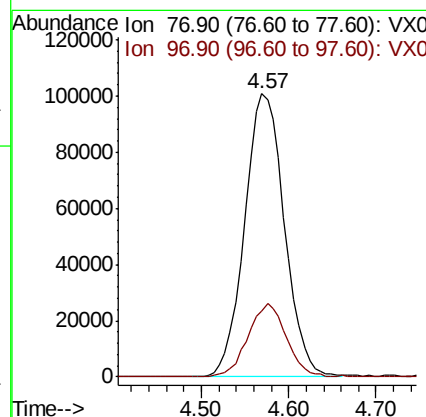
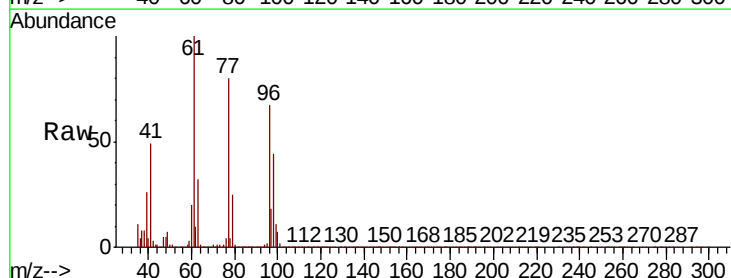
Acq: 09 Dec 2019 21:37

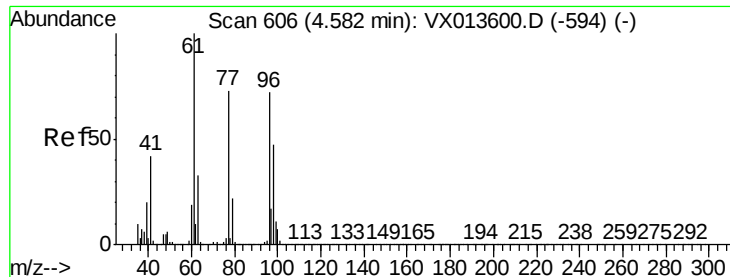
Tgt Ion: 77 Resp: 316598

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1



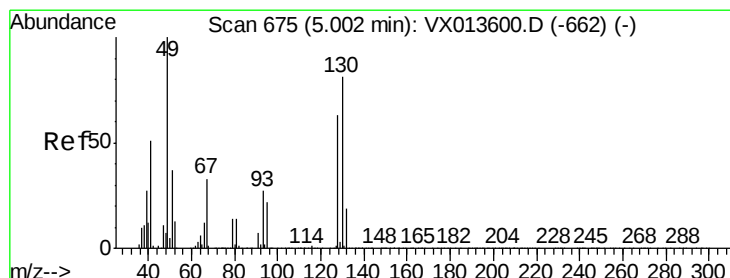
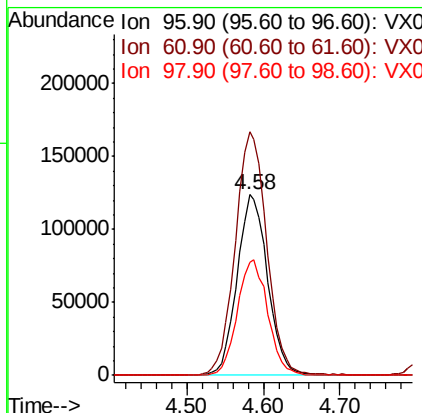
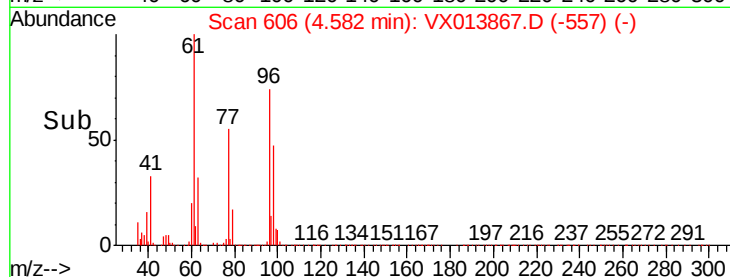
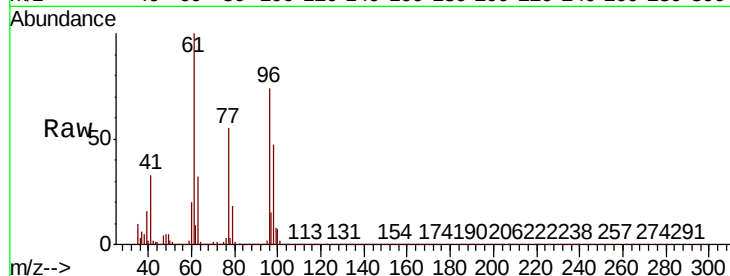


#27

cis-1,2-Dichloroethene
Concen: 52.352 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

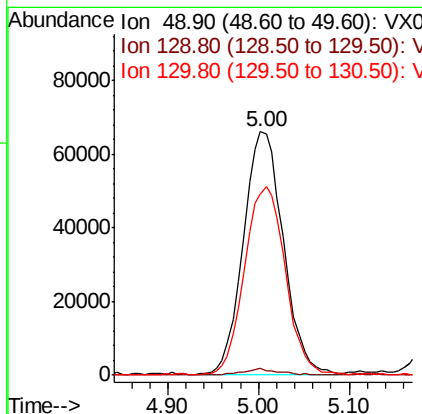
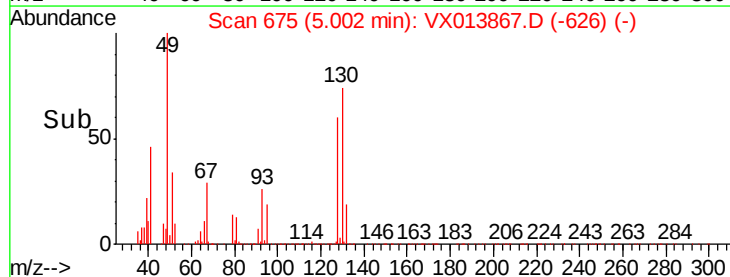
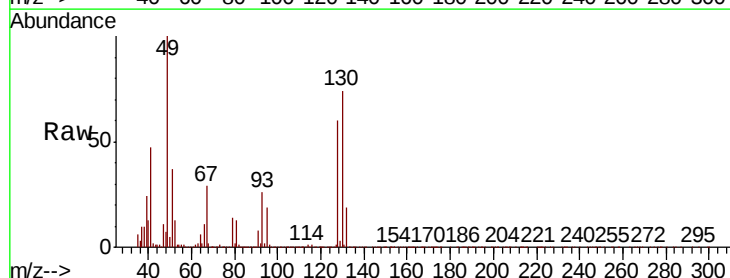
Tot Ion: 96 Resp: 341573
Ion Ratio Lower Upper
96 100
61 138.9 0.0 286.4
98 63.8 0.0 127.4

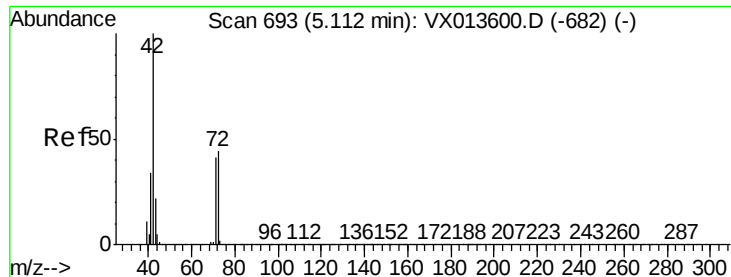


#28

Bromochloromethane
Concen: 51.044 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 49 Resp: 200955
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 78.8 65.4 98.0

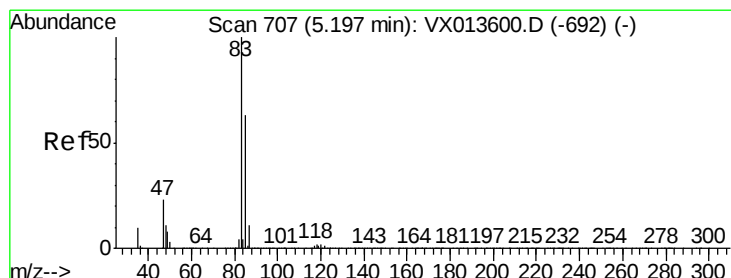
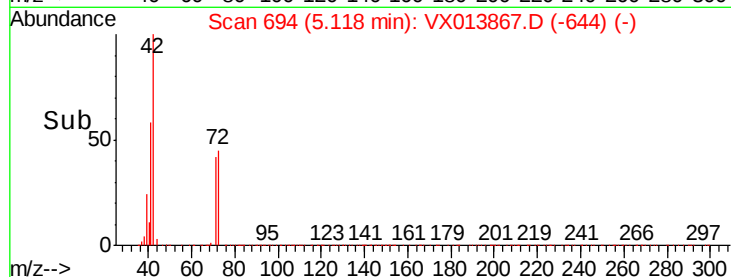
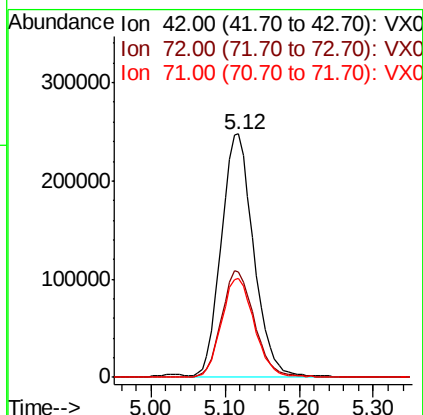
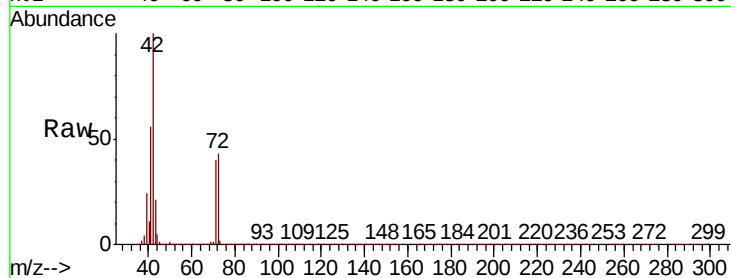




#29
Tetrahydrofuran
Concen: 259.608 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

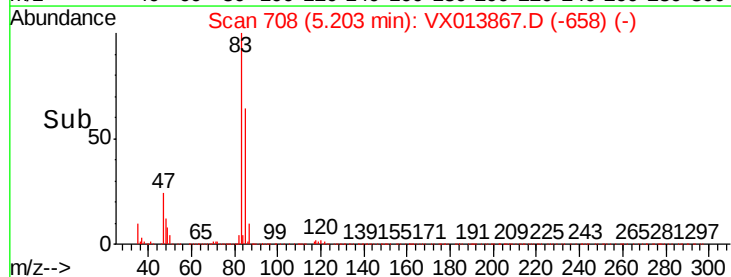
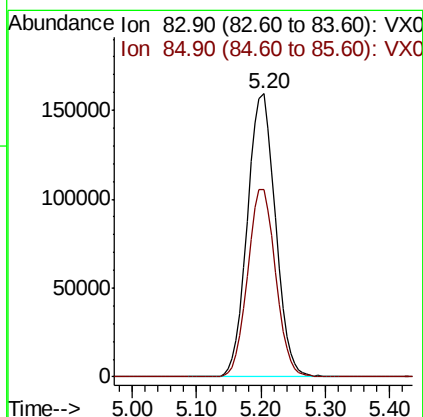
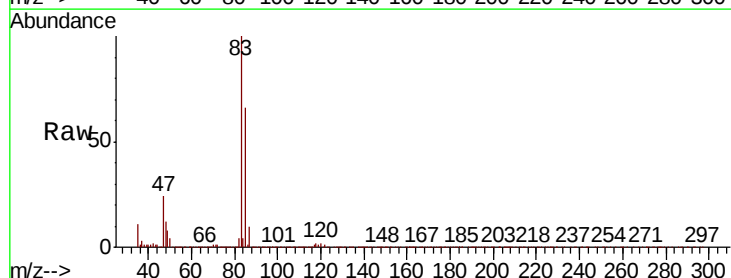
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion: 42 Resp: 746989
Ion Ratio Lower Upper
42 100
72 44.8 36.3 54.5
71 41.7 33.2 49.8



#30
Chloroform
Concen: 47.013 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 83 Resp: 474994
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4

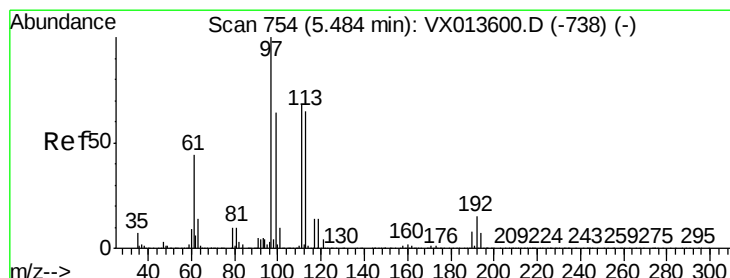
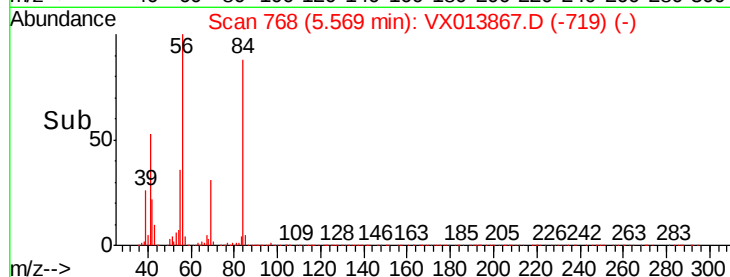
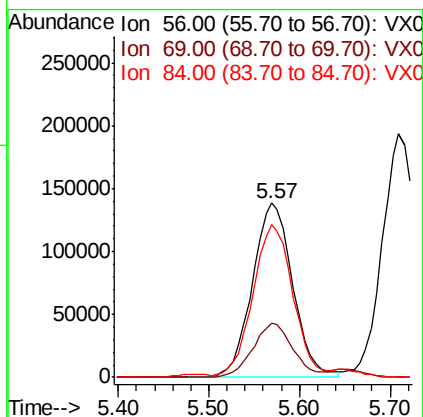
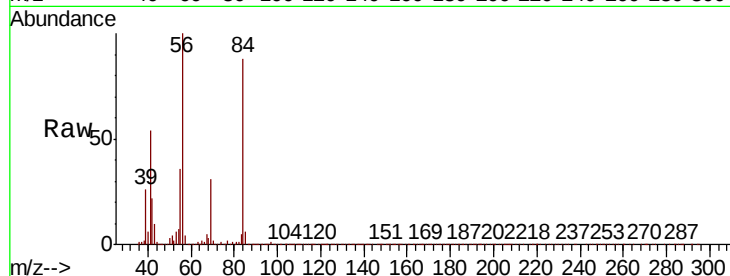




#31
Cyclohexane
Concen: 45.231 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

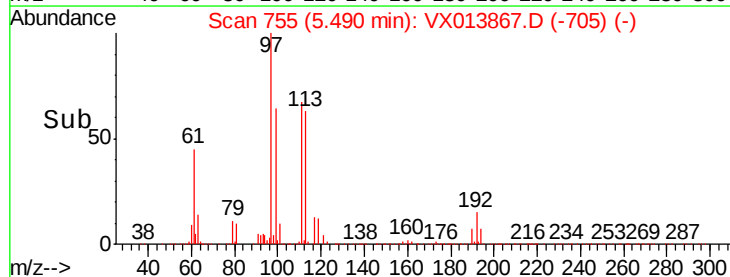
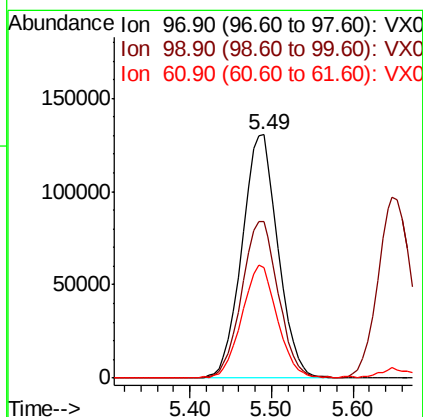
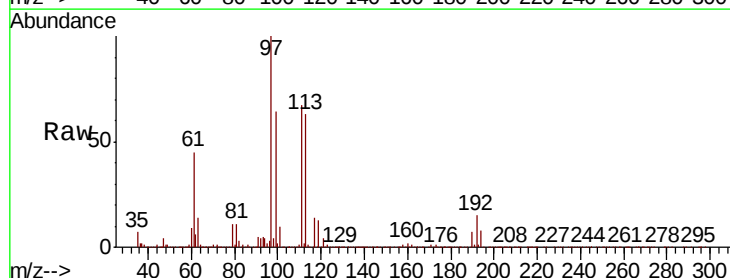
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

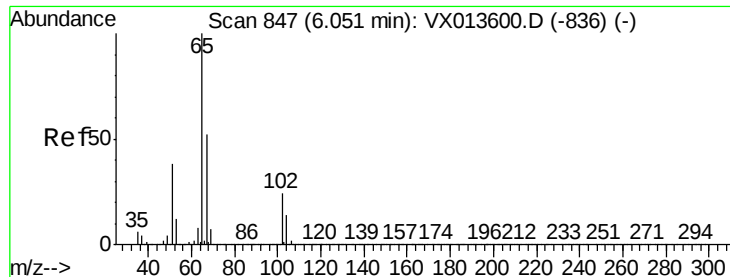
Tot Ion: 56 Resp: 425019
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 86.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.244 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 97 Resp: 398886
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 45.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.093 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

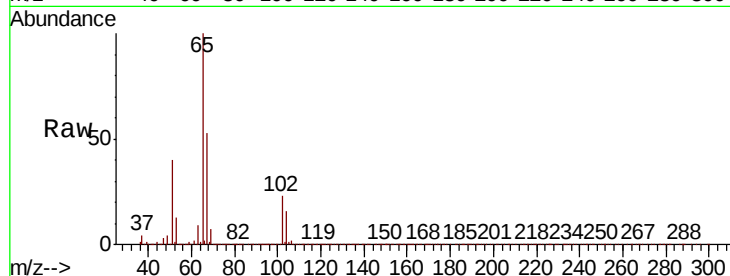
RE131D2-20191204MSD

Tot Ion: 65 Resp: 286843

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

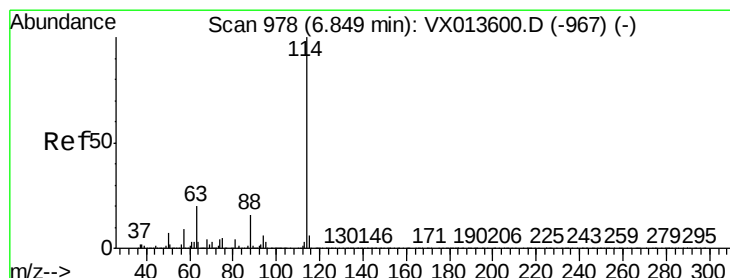
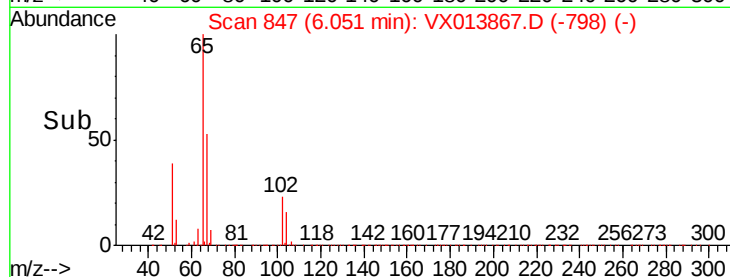
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

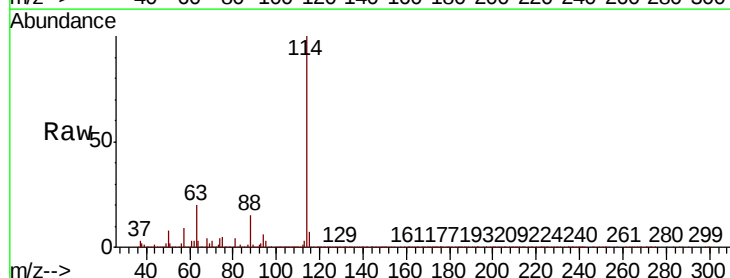
Tgt Ion: 114 Resp: 858691

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.3 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

6.85

500000

400000

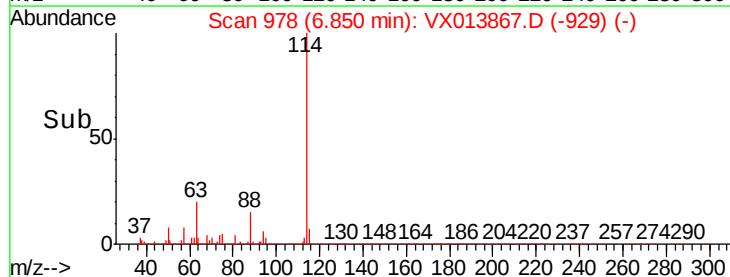
300000

200000

100000

0

Time-->

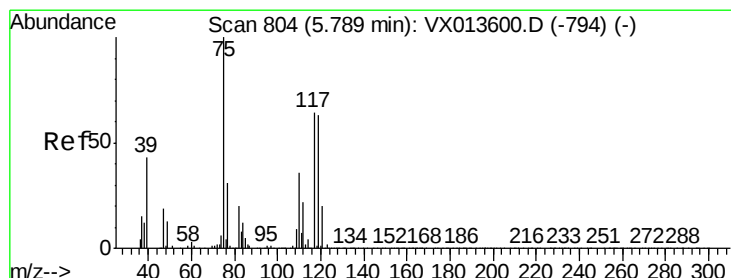
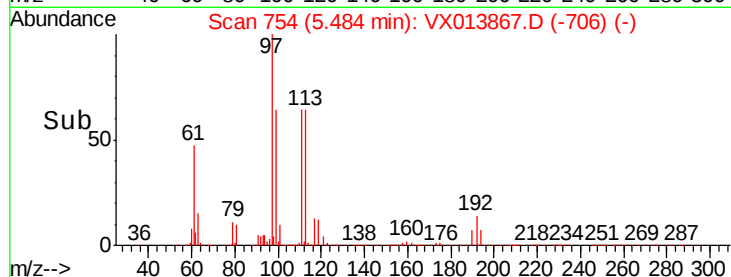
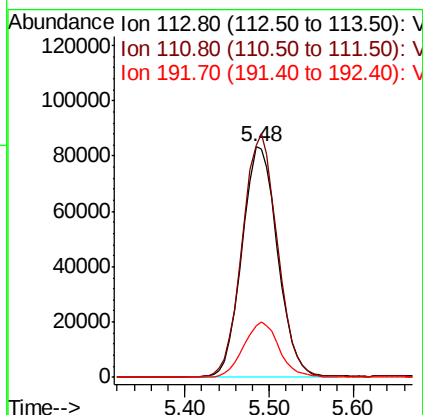
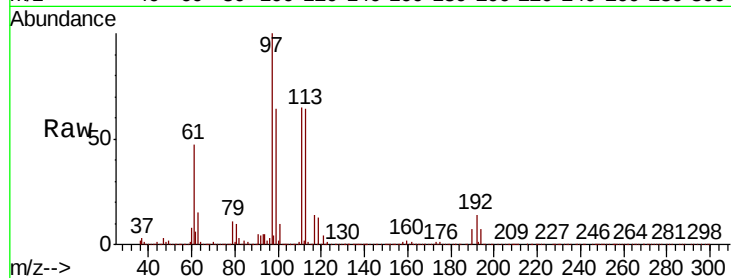




#35
Dibromofluoromethane
Concen: 44.882 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

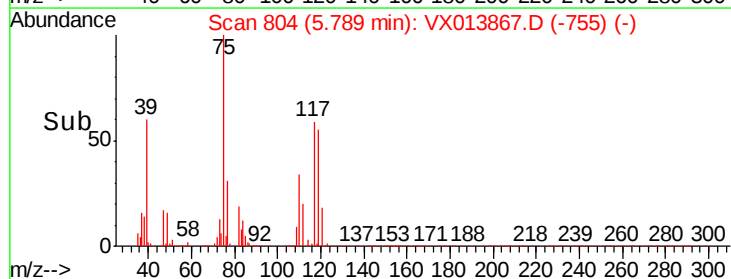
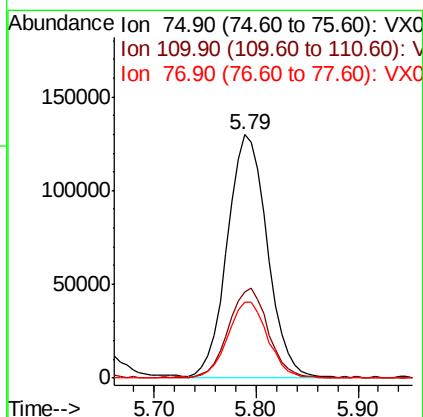
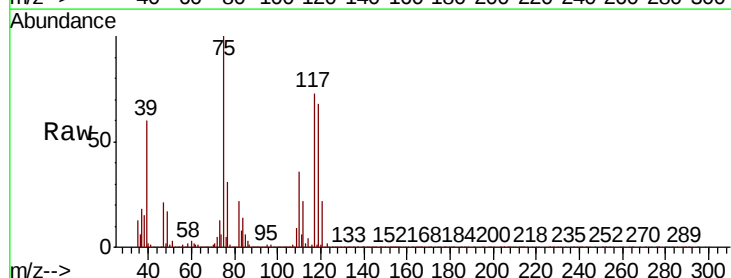
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

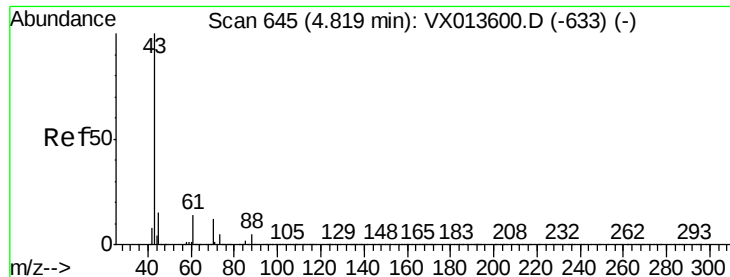
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.6	125.4
192	24.0	19.2	28.8



#36
1,1-Dichloropropene
Concen: 45.166 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.8	24.5	36.7

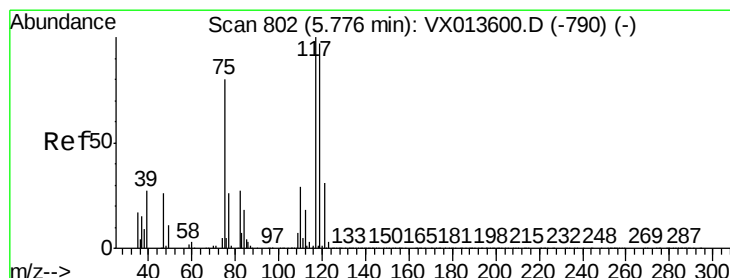
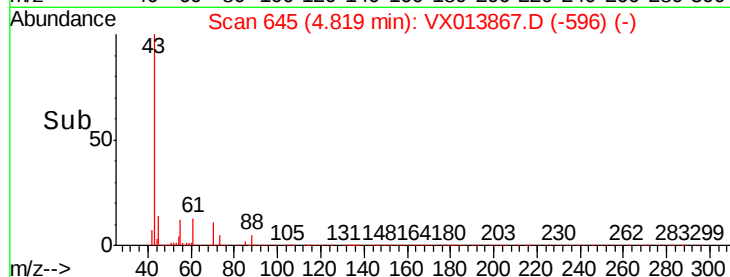
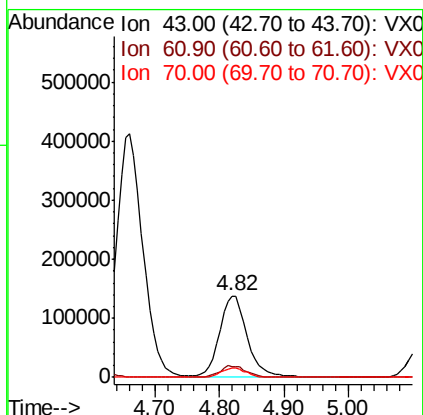
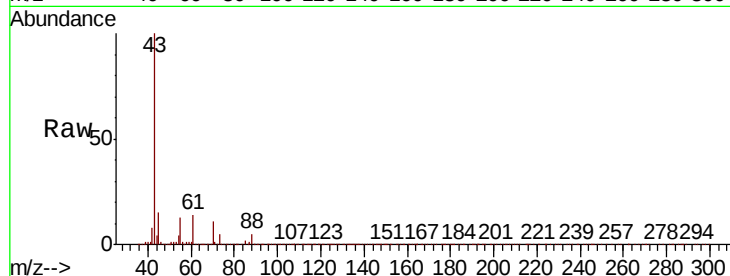




#37
Ethyl Acetate
Concen: 47.227 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

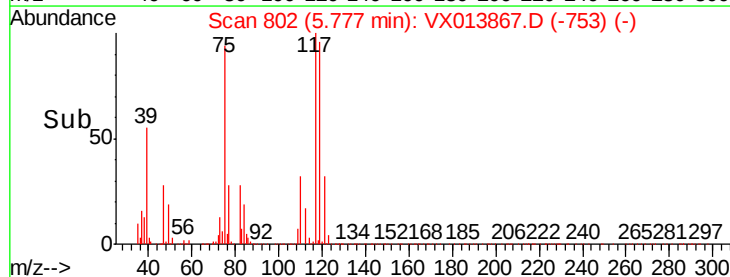
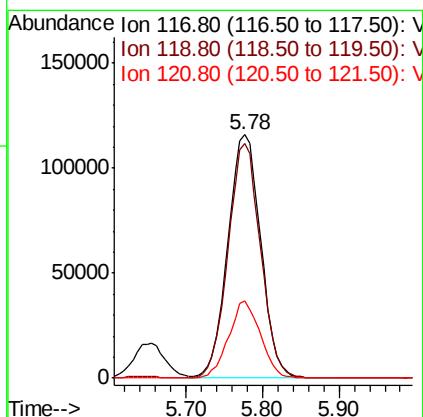
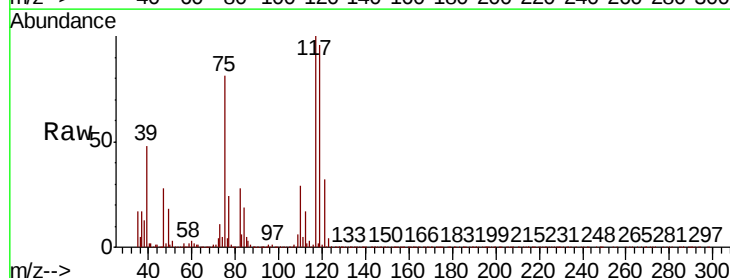
Instrument :
MSVOA_X
ClientSampleID :
RE131D2-20191204MSD

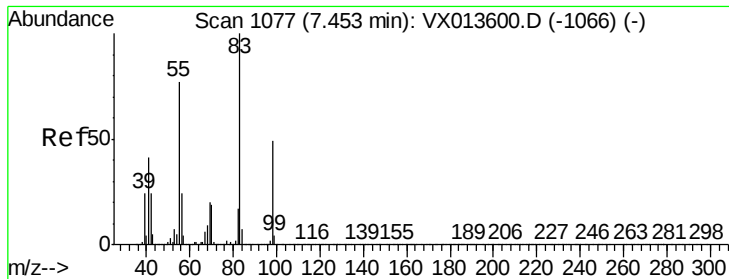
Tot Ion: 43 Resp: 412980
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 47.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 117 Resp: 343362
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 31.6 25.0 37.6

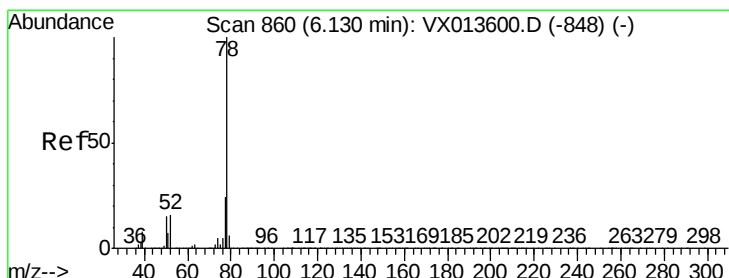
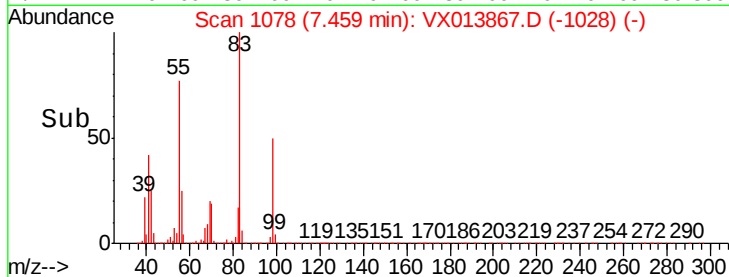
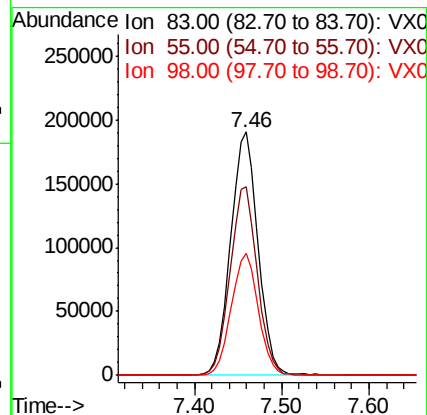
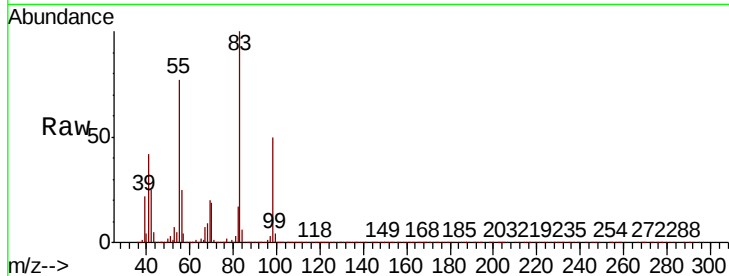




#39
Methvlcvclohexane
Concen: 42.972 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

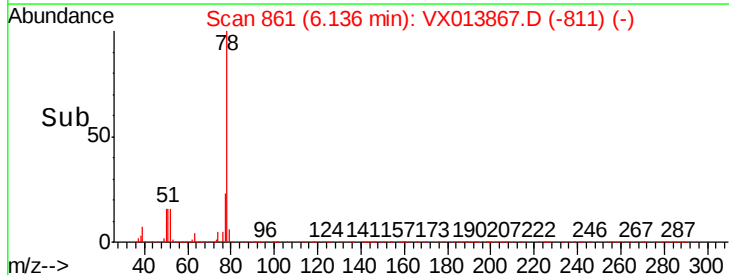
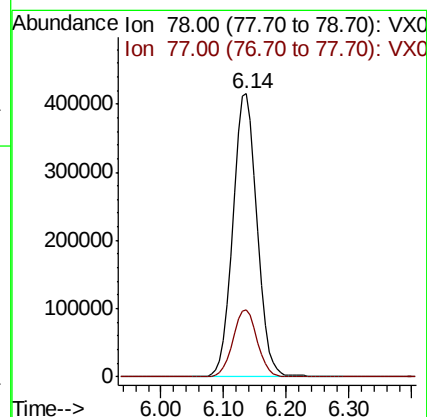
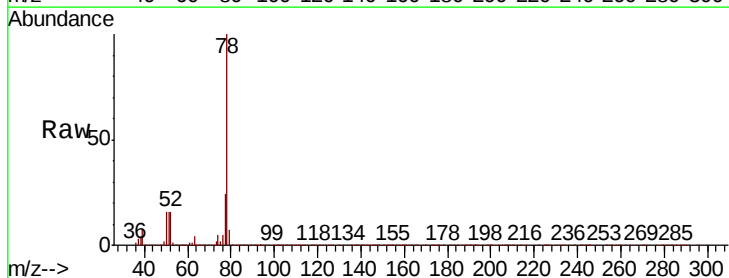
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

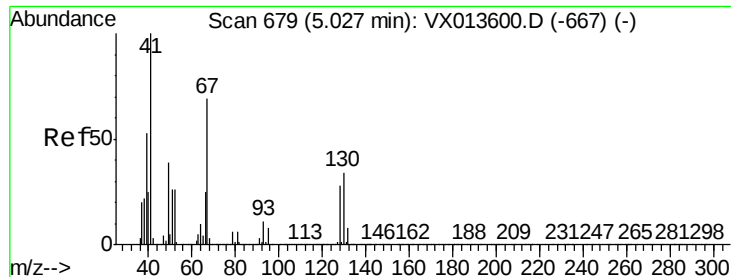
Tot Ion	83	Resp	414042
Ion Ratio	Lower	Upper	
83	100		
55	77.4	61.9	92.9
98	50.1	39.4	59.0



#40
Benzene
Concen: 46.614 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	78	Resp	1106631
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.0	28.4

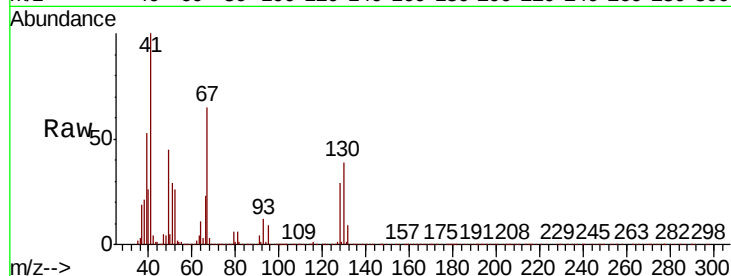




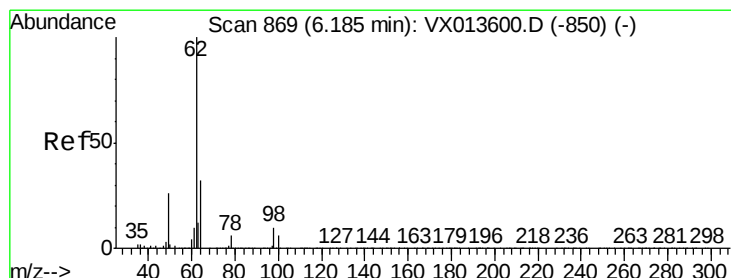
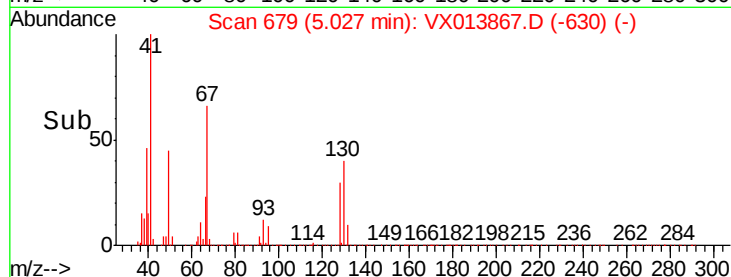
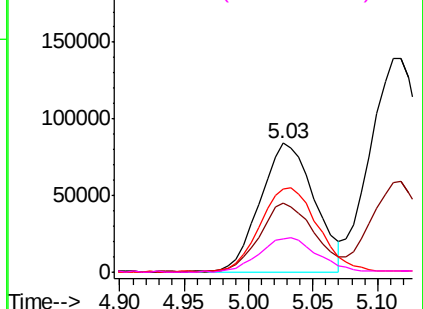
#41
Methacrylonitrile
Concen: 51.628 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion:	41	Resp:	247592
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.9	64.3
67	69.5	57.4	86.0
52	28.2	22.4	33.6

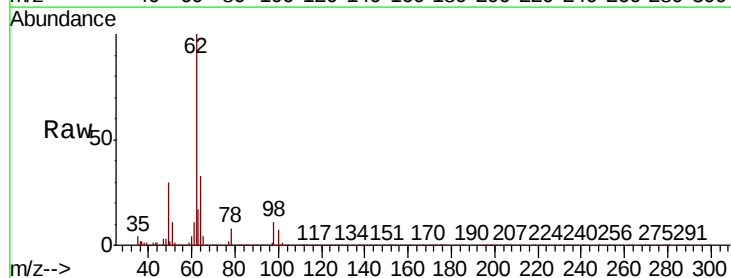


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

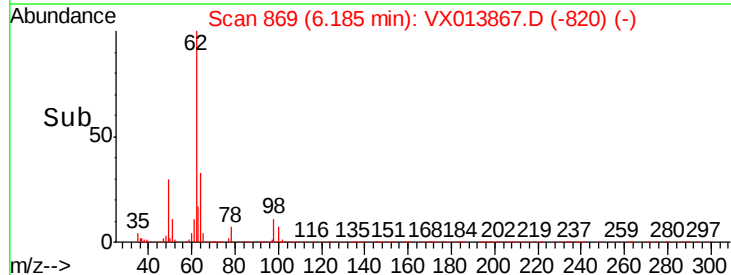
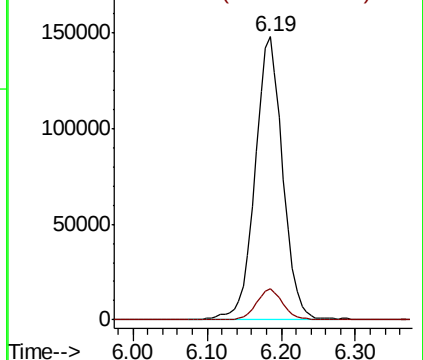


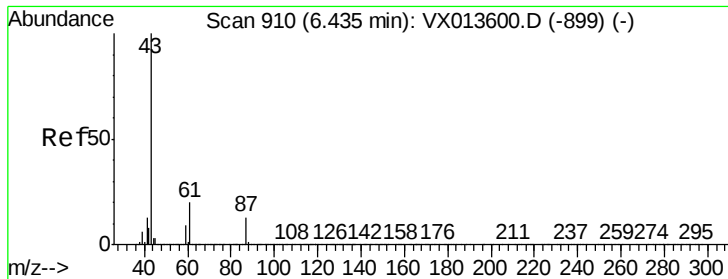
#42
1,2-Dichloroethane
Concen: 47.259 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:	62	Resp:	382627
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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



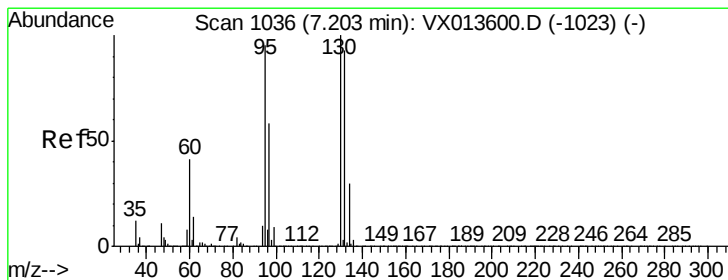
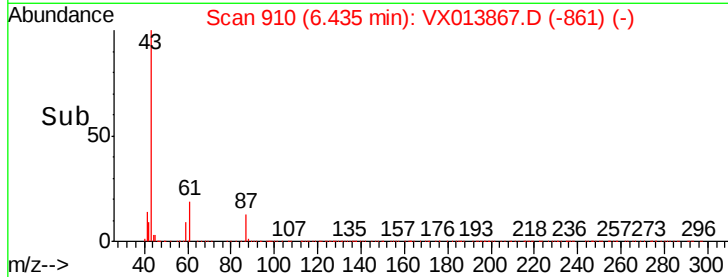
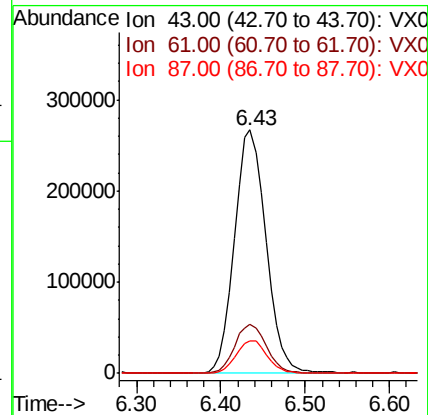
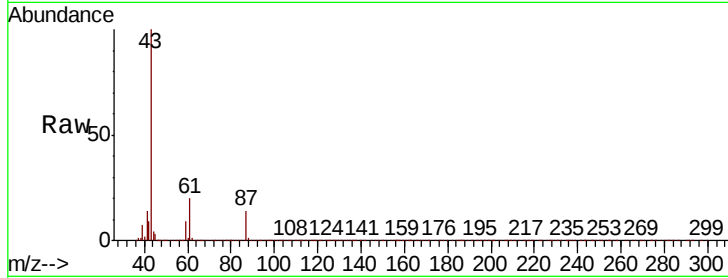


#43

Isopropyl Acetate
 Concen: 46.610 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

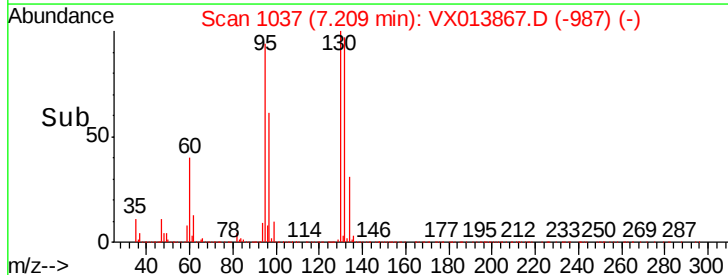
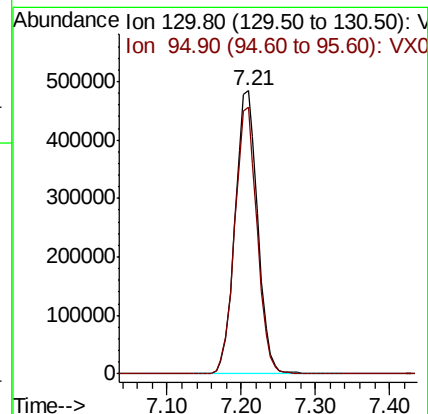
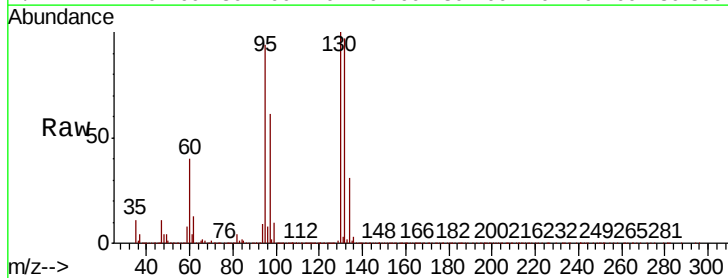
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.3	10.8	16.2

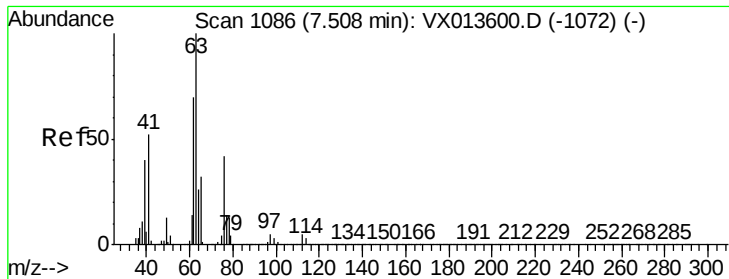


#44

Trichloroethene
 Concen: 158.019 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.050 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

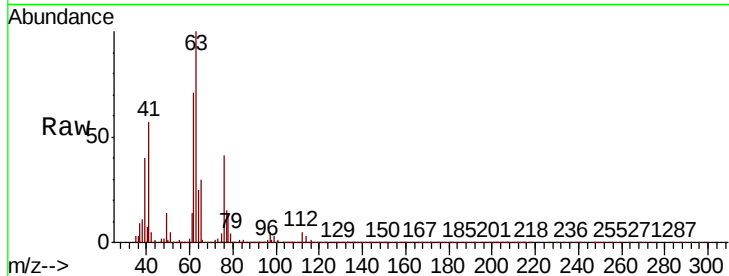
RE131D2-20191204MSD

Tot Ion: 63 Resp: 291345

Ion Ratio Lower Upper

63 100

65 30.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

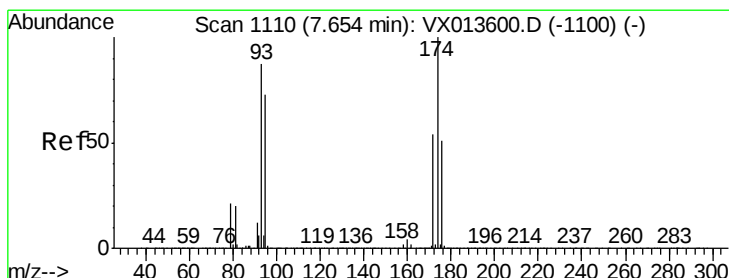
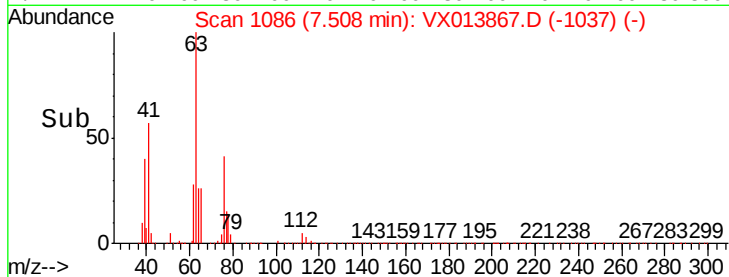
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 46.574 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

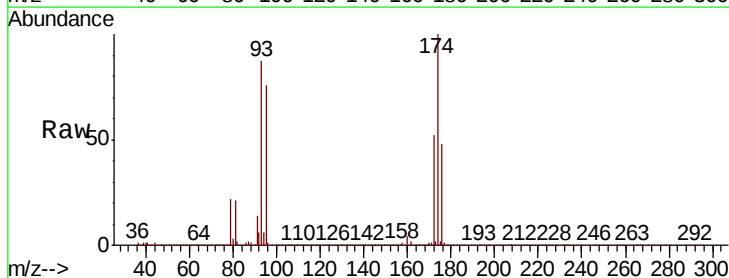
Tgt Ion: 93 Resp: 187885

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

174 115.9 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

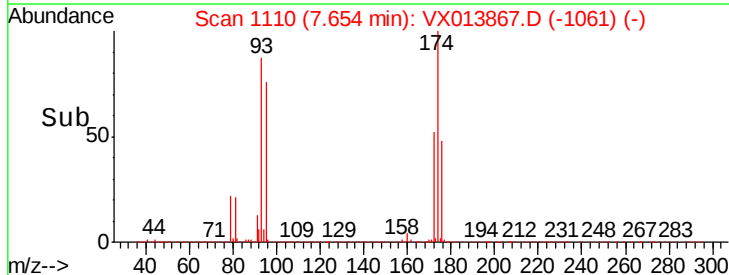
150000

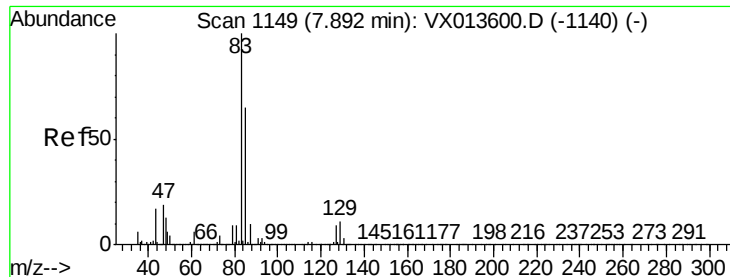
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 48.377 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

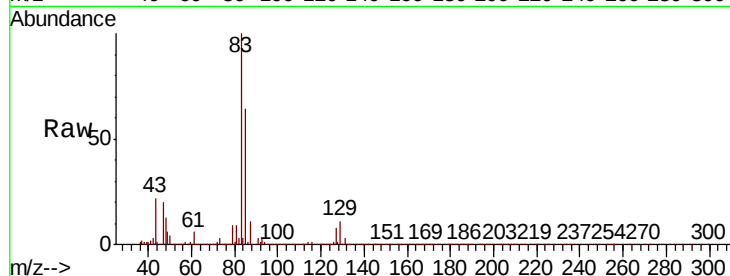
Tot Ion: 83 Resp: 368937

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

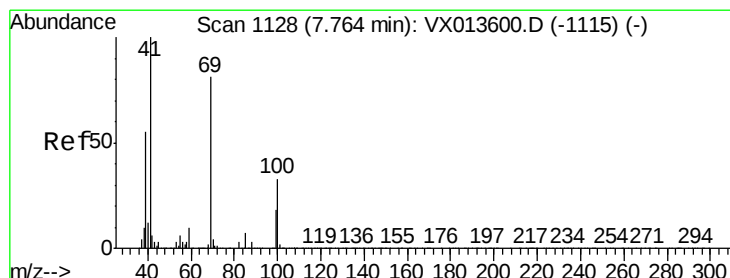
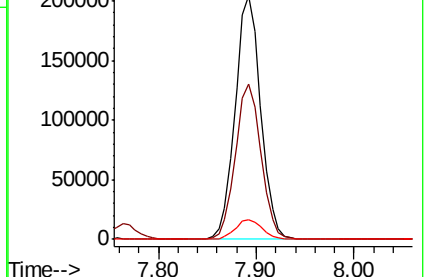
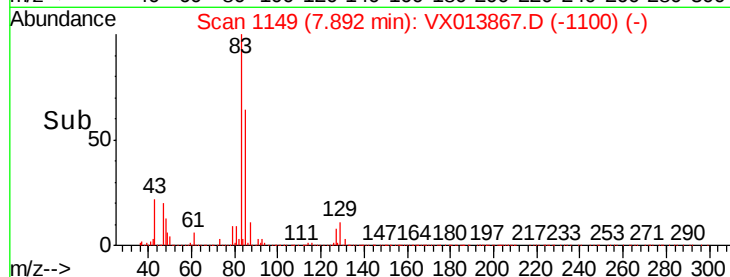
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.963 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

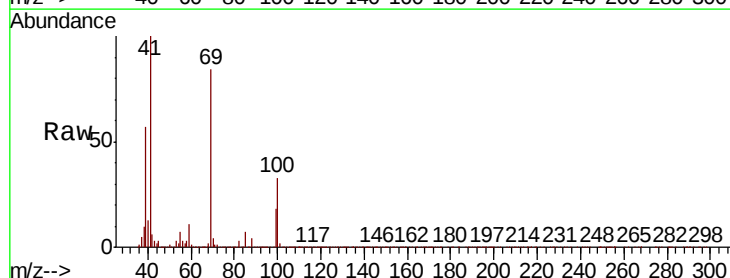
Tgt Ion: 41 Resp: 349480

Ion Ratio Lower Upper

41 100

69 81.3 64.7 97.1

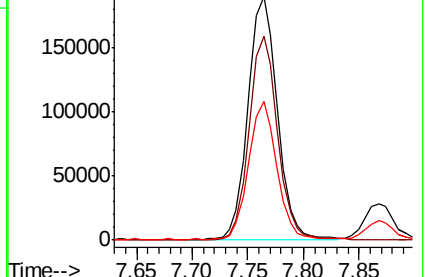
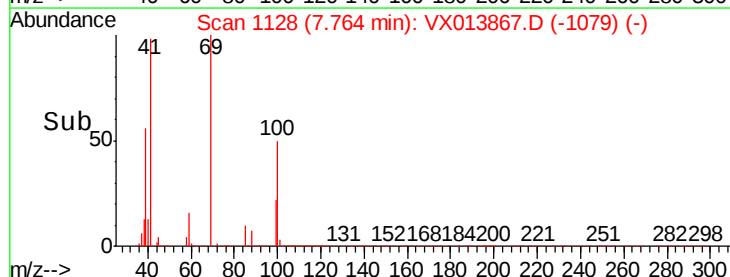
39 54.7 43.8 65.6

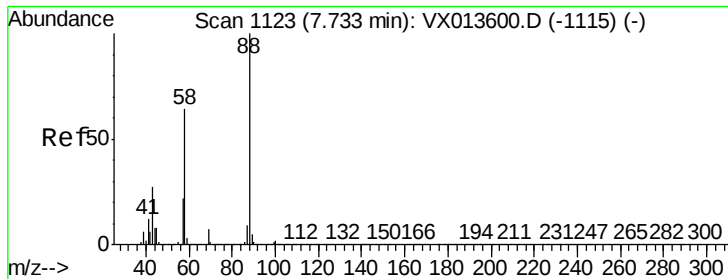


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1055.057 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

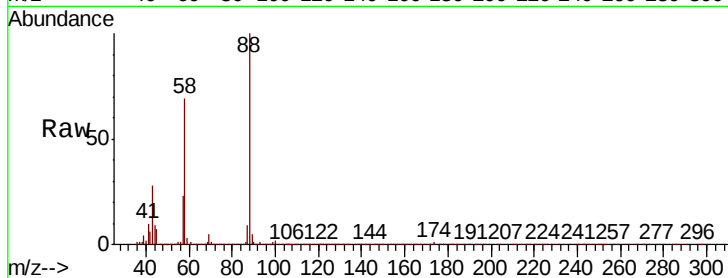
Tot Ion: 88 Resp: 165191

Ion Ratio Lower Upper

88 100

43 31.8 25.8 38.6

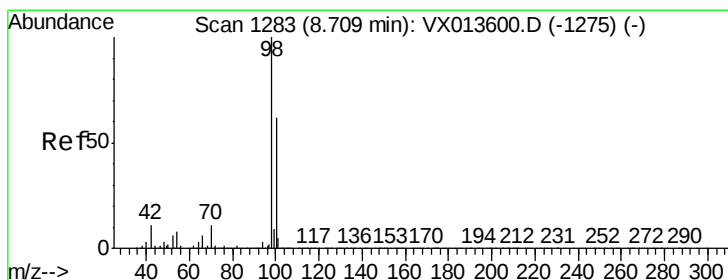
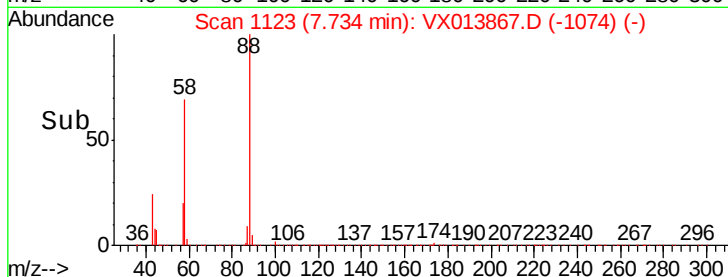
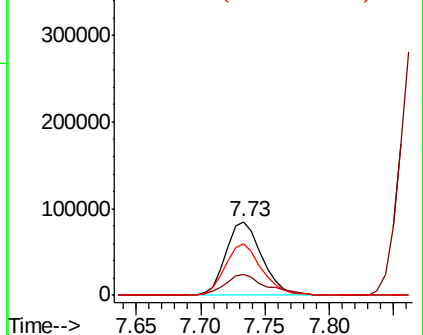
58 70.7 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 43.831 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013867.D

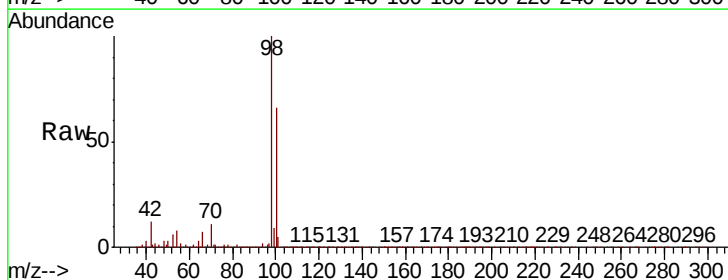
Acq: 09 Dec 2019 21:37

Tgt Ion: 98 Resp: 906532

Ion Ratio Lower Upper

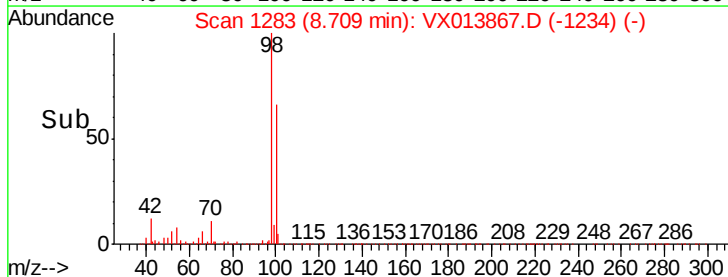
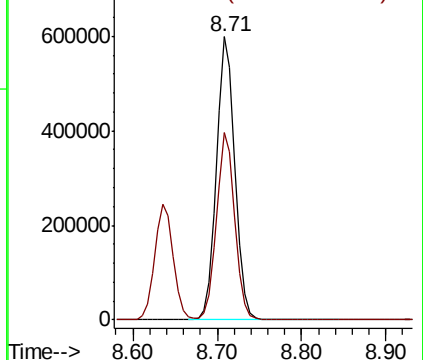
98 100

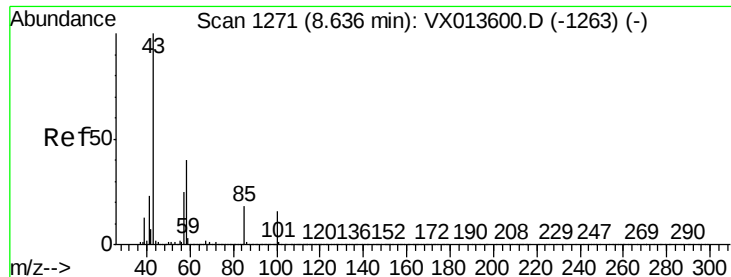
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 253.514 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

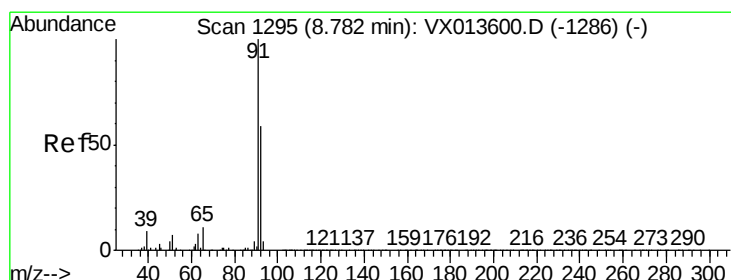
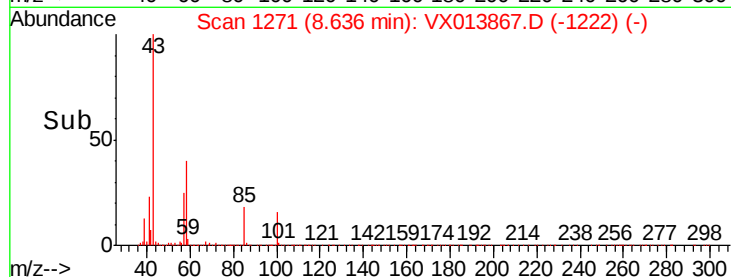
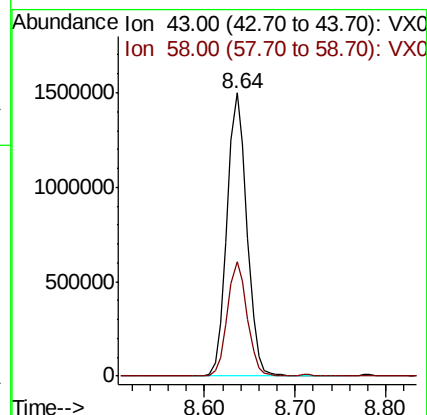
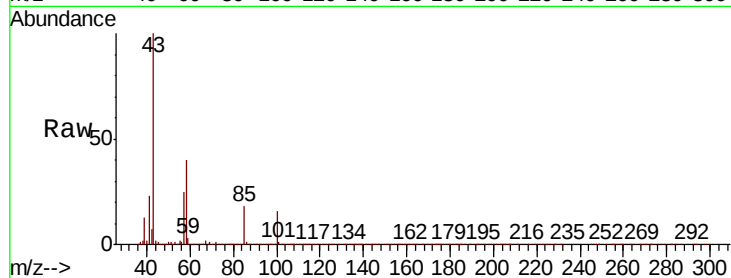
RE131D2-20191204MSD

Tot Ion: 43 Resp: 2295717

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 46.617 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013867.D

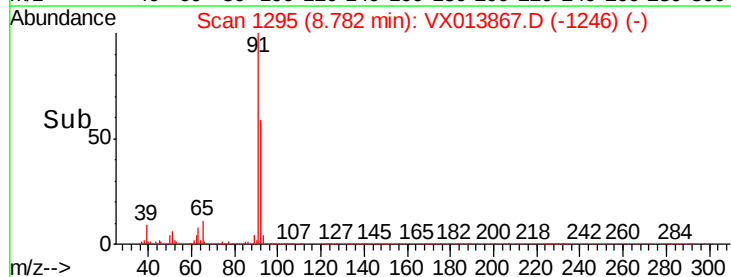
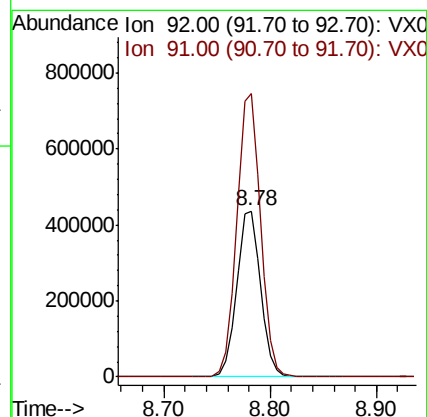
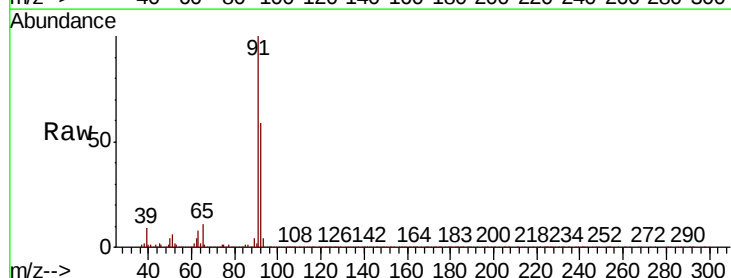
Acq: 09 Dec 2019 21:37

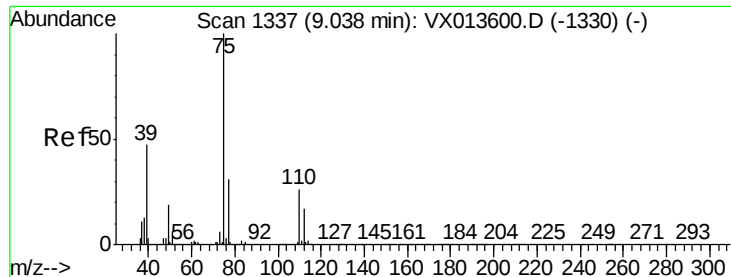
Tgt Ion: 92 Resp: 687531

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 46.083 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

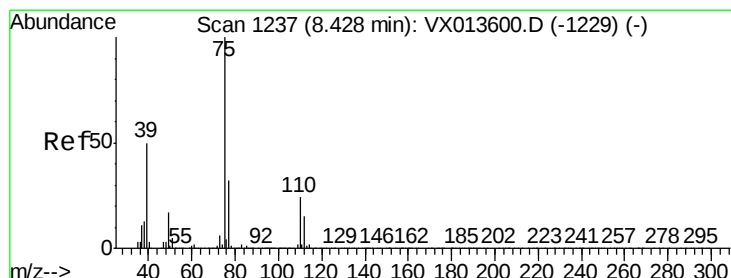
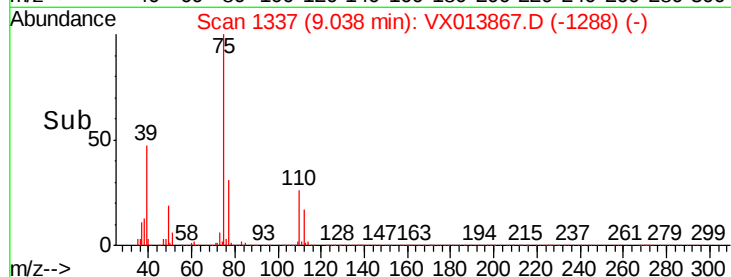
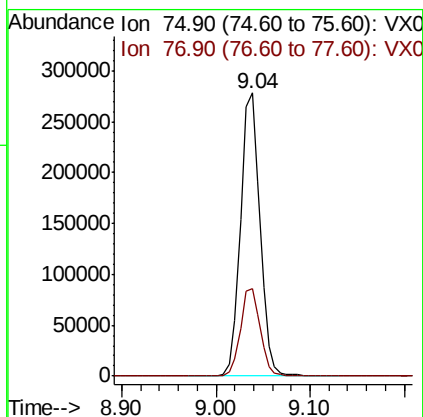
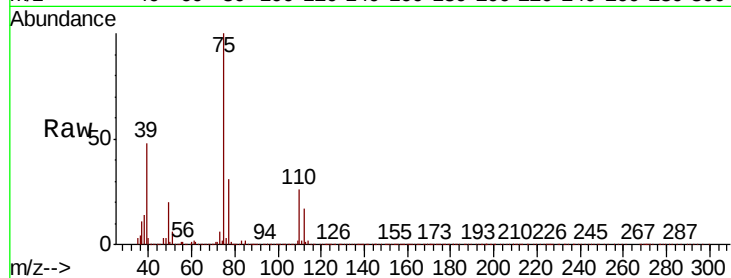
RE131D2-20191204MSD

Tot Ion: 75 Resp: 400034

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 46.205 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

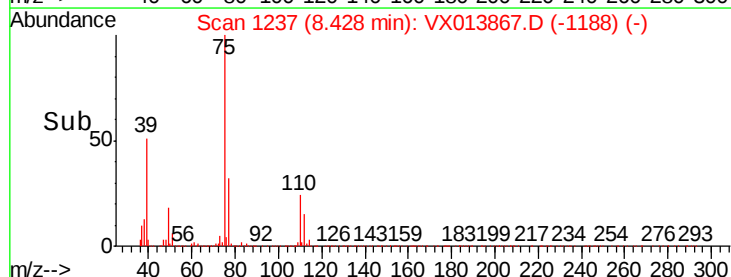
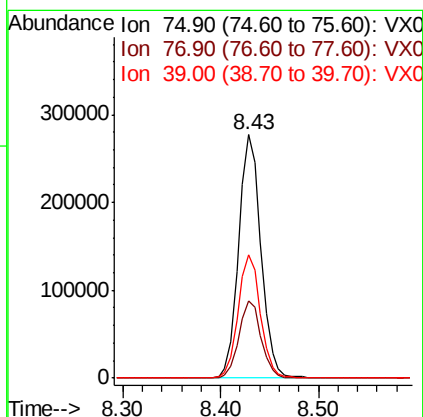
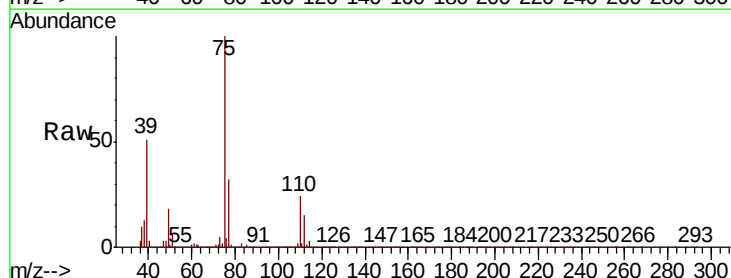
Tgt Ion: 75 Resp: 438201

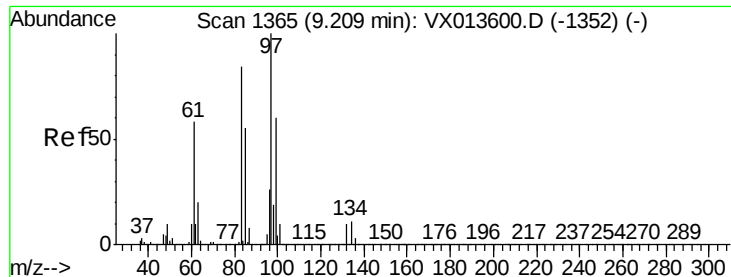
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 50.7 39.9 59.9

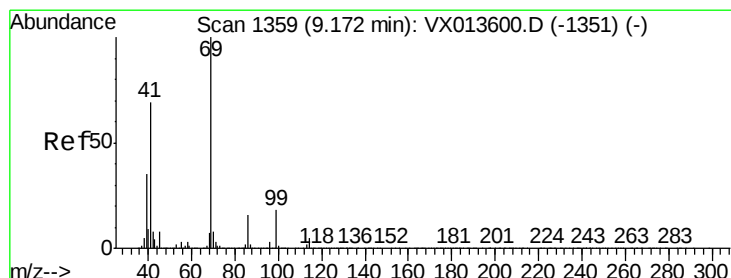
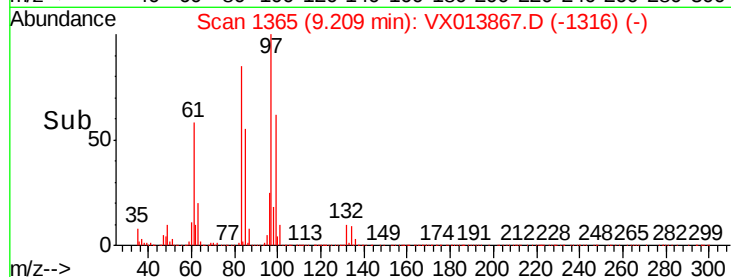
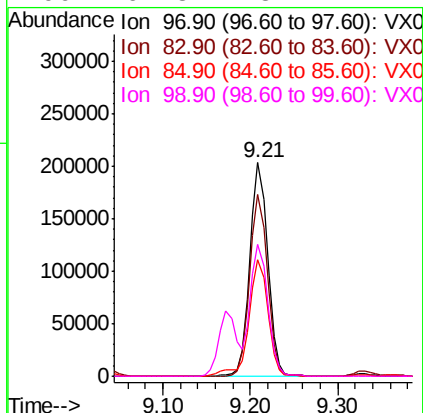
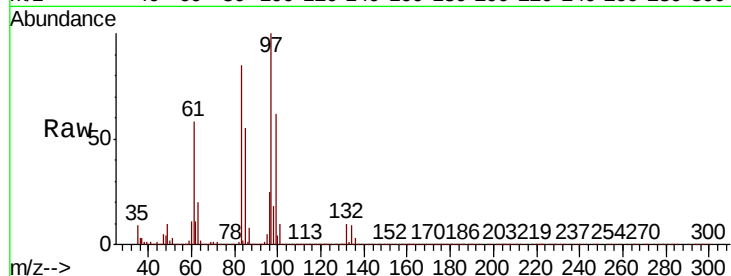




#55
 1,1,2-Trichloroethane
 Concen: 48.566 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

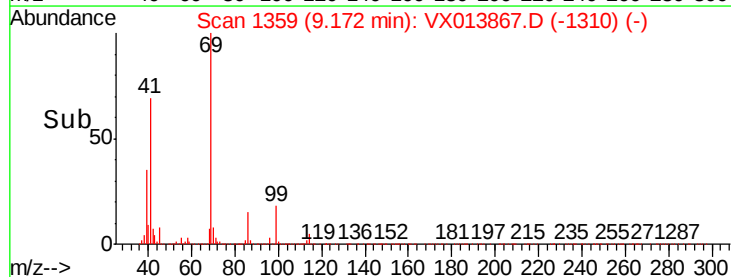
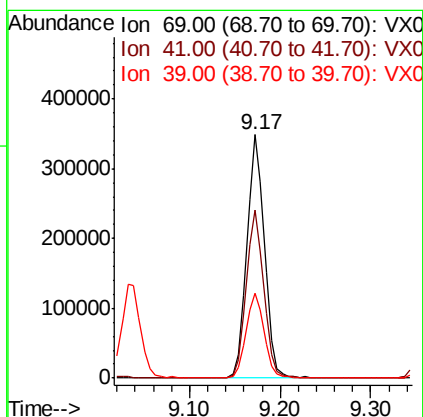
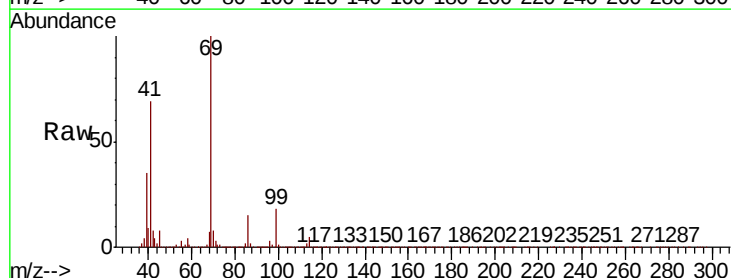
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

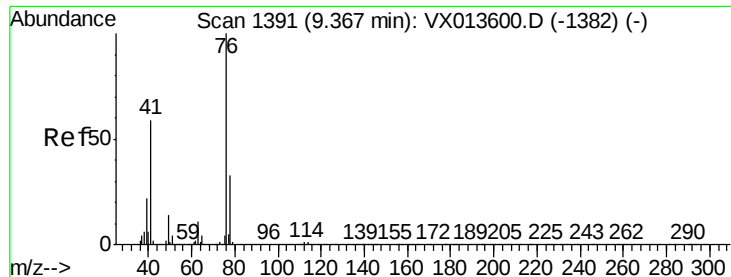
Tot Ion:	97	Resp:	288645
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	54.5	43.6	65.4
99	61.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 48.954 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion:	69	Resp:	467776
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.4
39	35.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.236 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

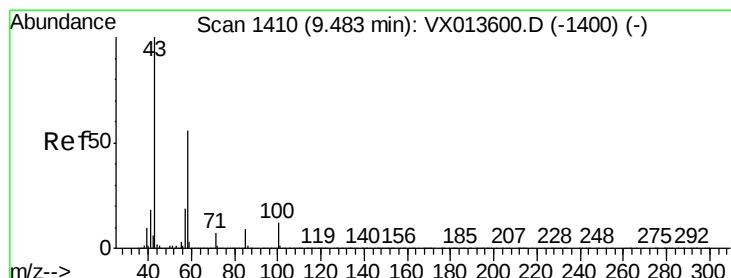
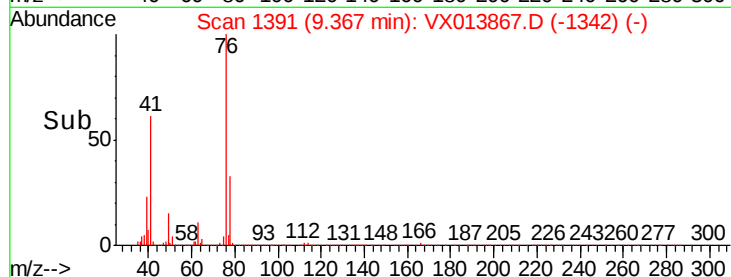
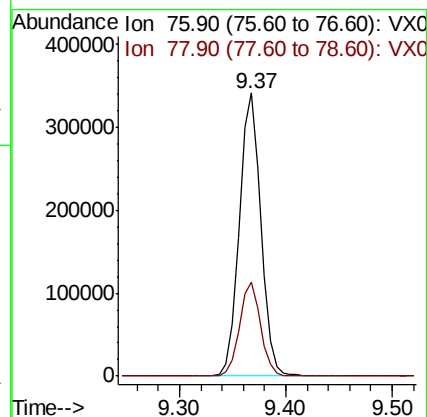
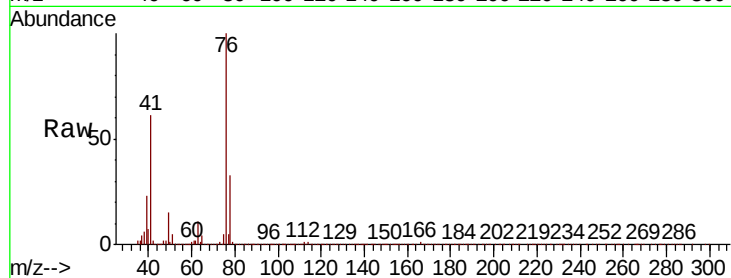
RE131D2-20191204MSD

Tot Ion: 76 Resp: 483904

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#59

2-Hexanone

Concen: 252.434 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013867.D

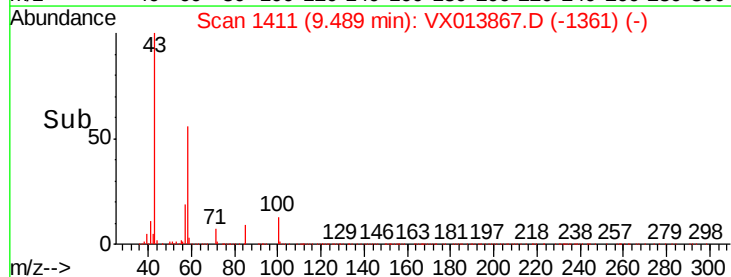
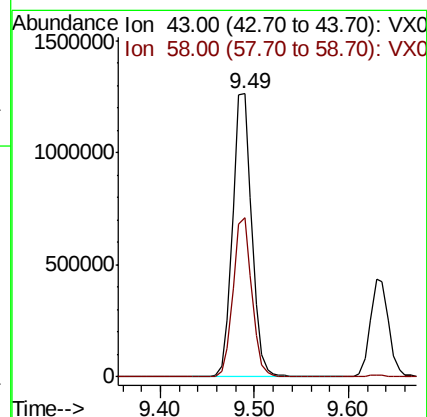
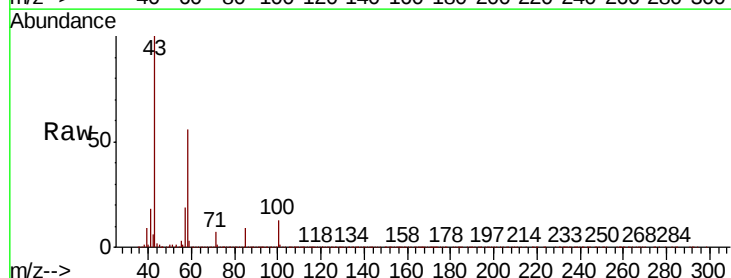
Acq: 09 Dec 2019 21:37

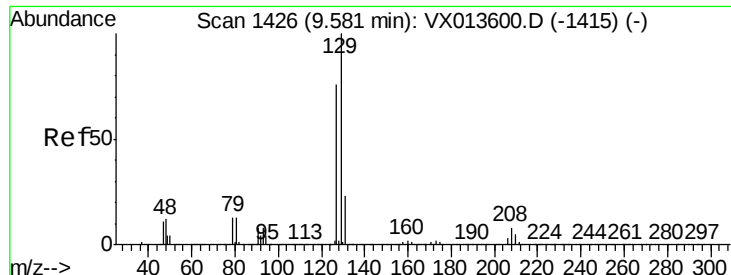
Tgt Ion: 43 Resp: 1782864

Ion Ratio Lower Upper

43 100

58 55.1 28.1 84.4





#60

Dibromochloromethane

Concen: 47.928 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

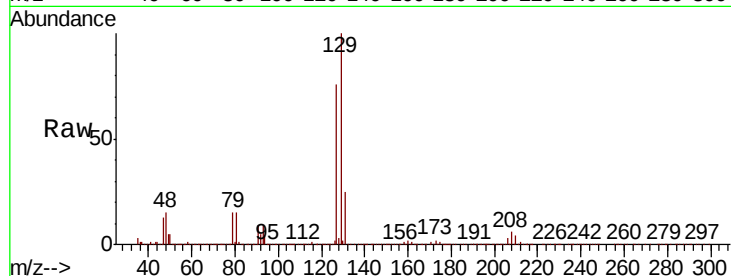
RE131D2-20191204MSD

Tot Ion:129 Resp: 295614

Ion Ratio Lower Upper

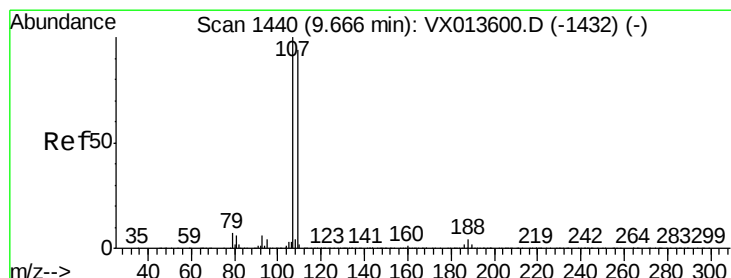
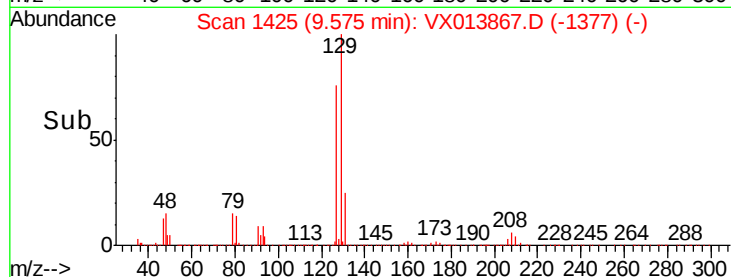
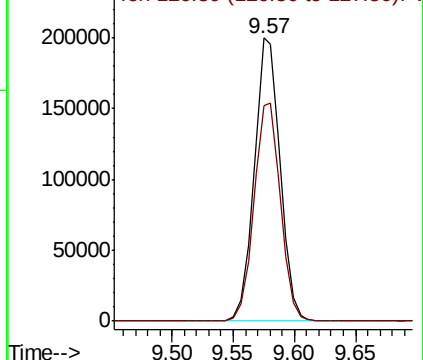
129 100

127 78.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 46.871 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013867.D

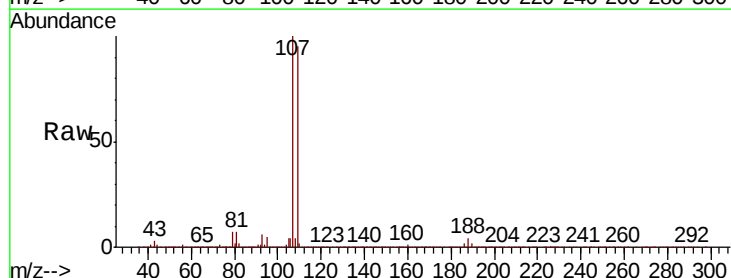
Acq: 09 Dec 2019 21:37

Tgt Ion:107 Resp: 297522

Ion Ratio Lower Upper

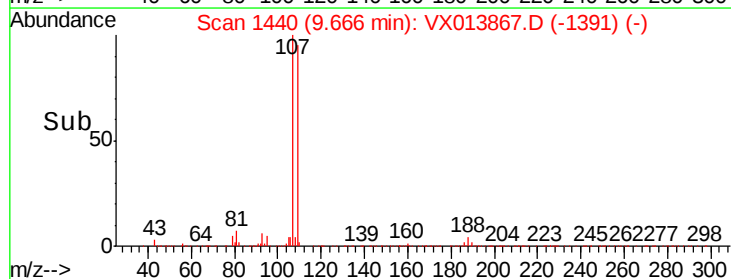
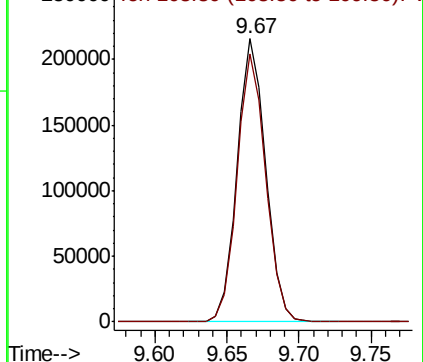
107 100

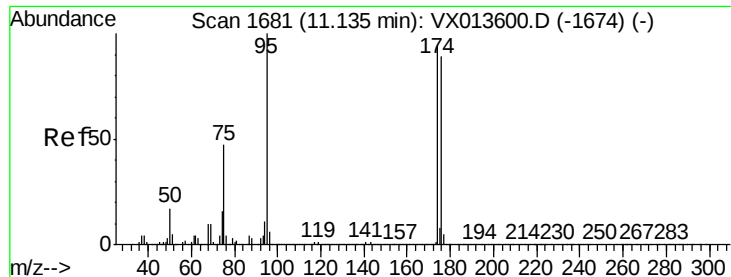
109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 43.740 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

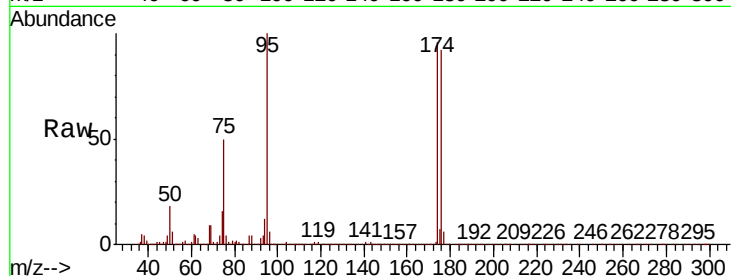
Tot Ion: 95 Resp: 326219

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

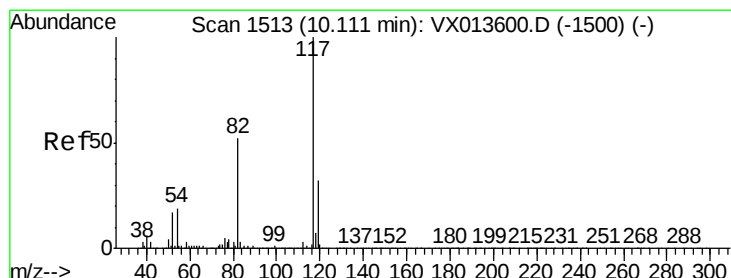
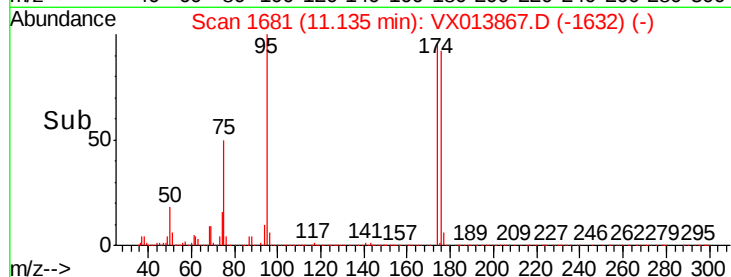
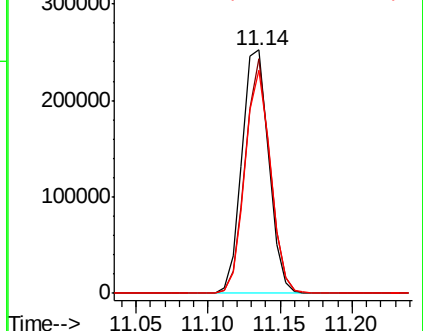
176 87.3 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

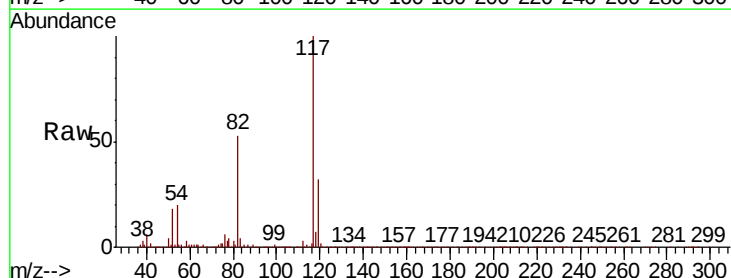
Tgt Ion: 117 Resp: 776433

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

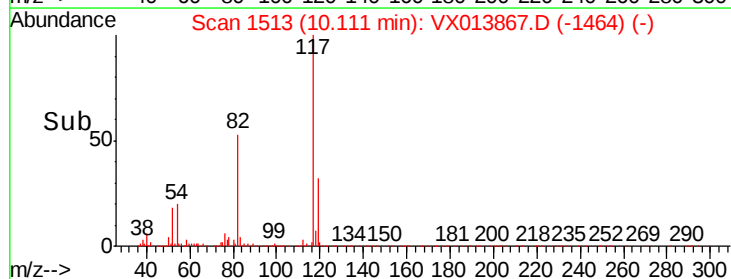
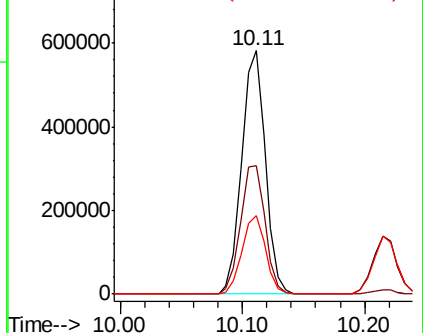
119 32.2 25.8 38.8

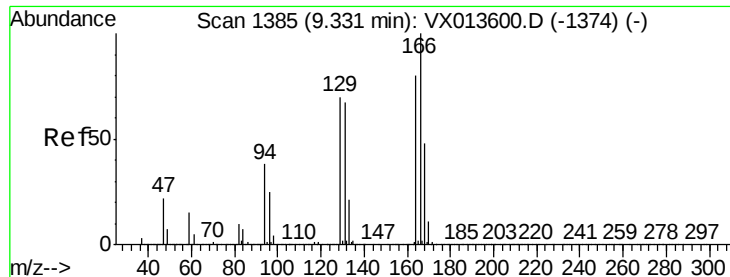


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

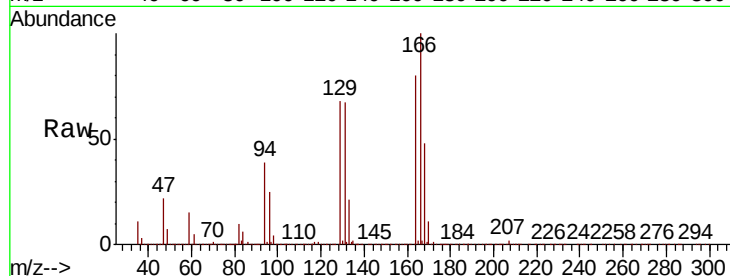




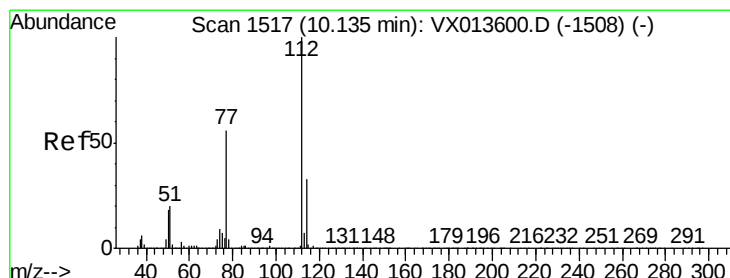
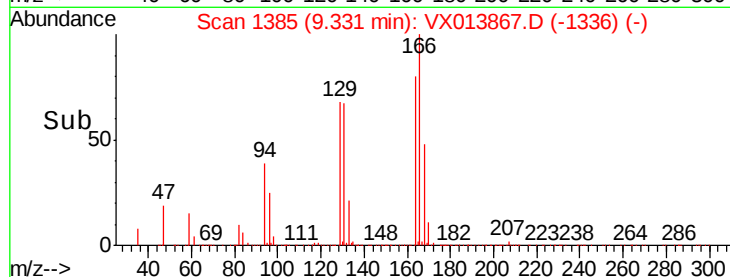
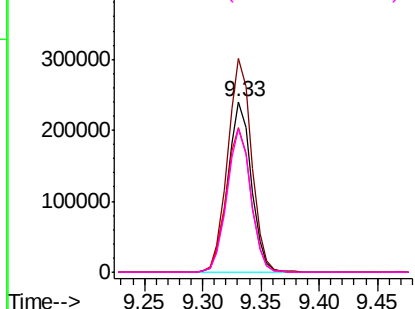
#64
Tetrachloroethene
Concen: 58.684 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.7	149.5
129	84.8	70.1	105.1
131	83.8	66.9	100.3

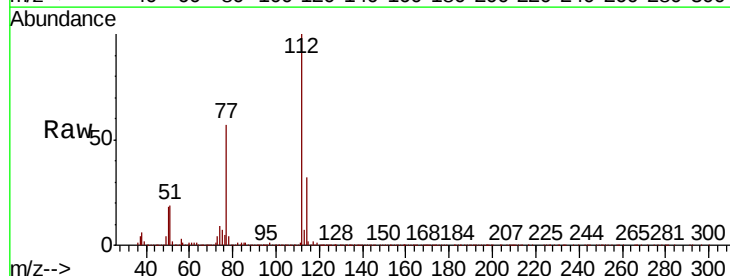


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

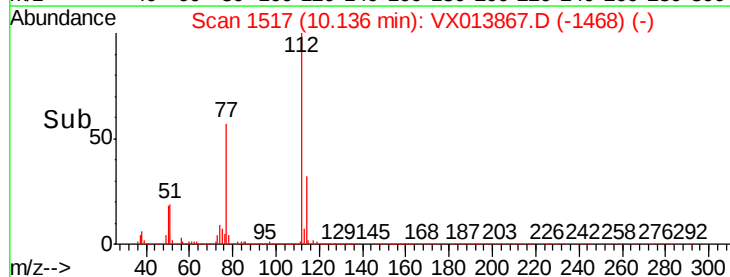
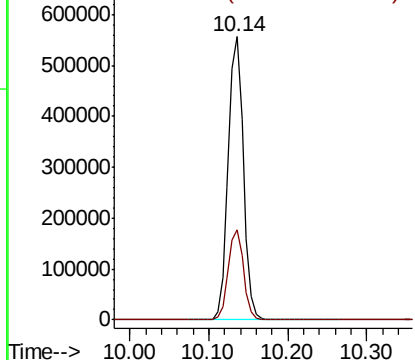


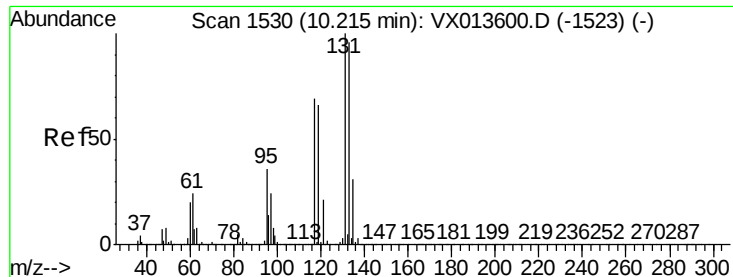
#65
Chlorobenzene
Concen: 46.220 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 47.910 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

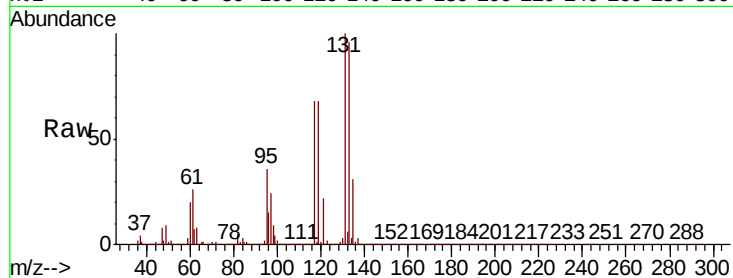
Tot Ion:131 Resp: 277335

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

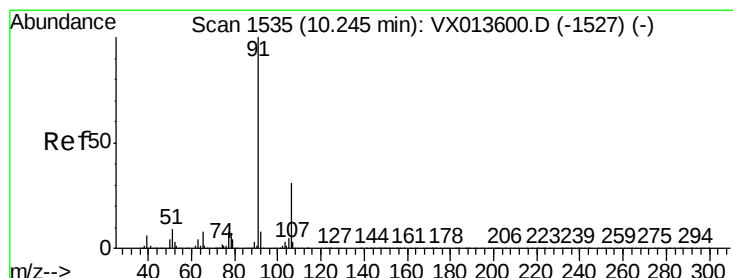
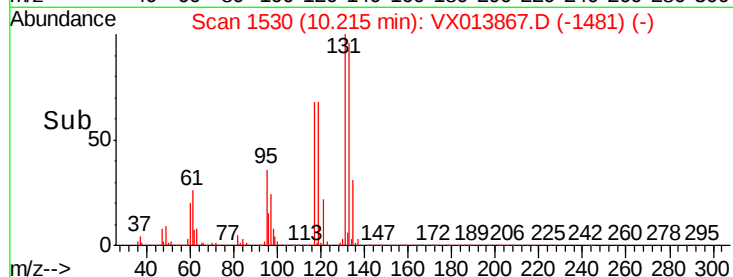
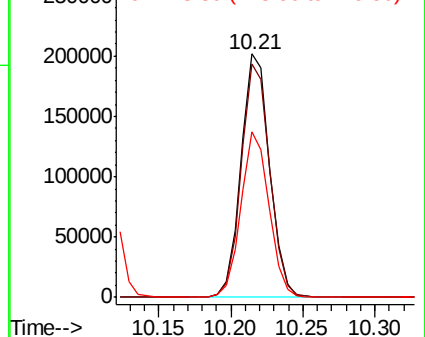
119 66.4 32.9 98.6



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: 46.974 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013867.D

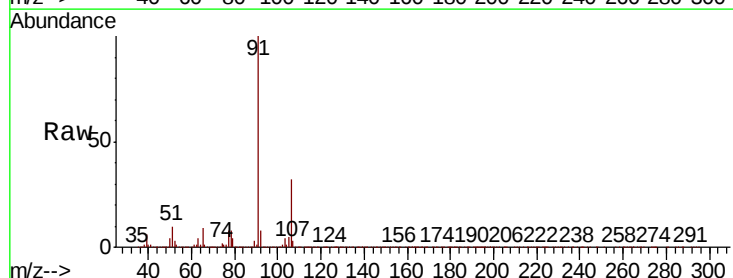
Acq: 09 Dec 2019 21:37

Tgt Ion: 91 Resp: 1301237

Ion Ratio Lower Upper

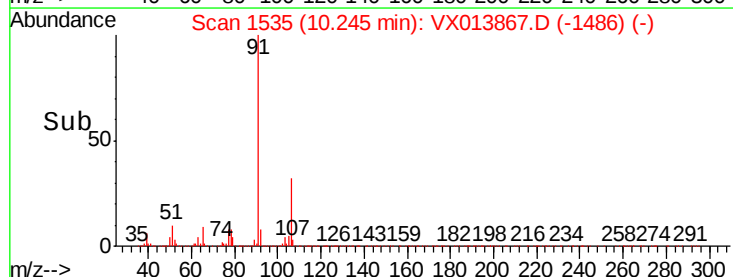
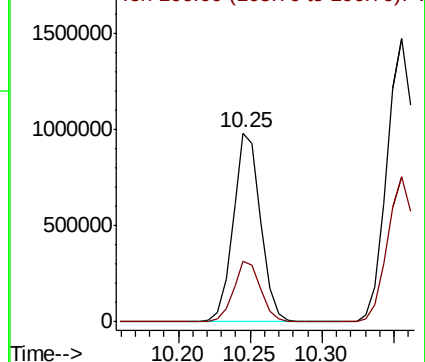
91 100

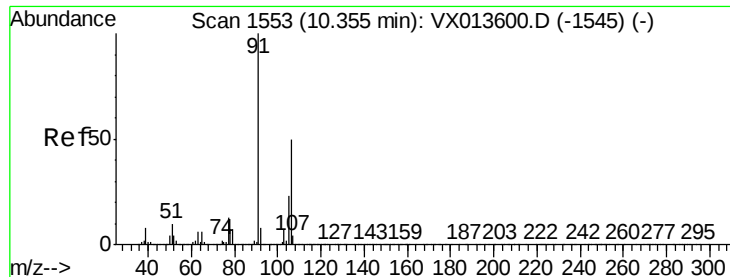
106 31.9 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 93.710 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

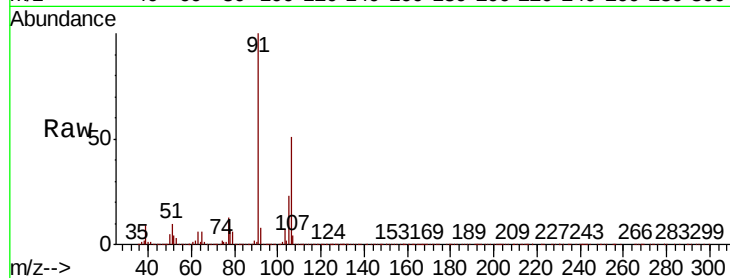
RE131D2-20191204MSD

Tot Ion:106 Resp: 993841

Ion Ratio Lower Upper

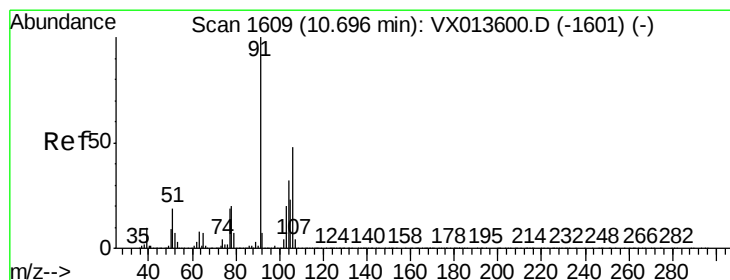
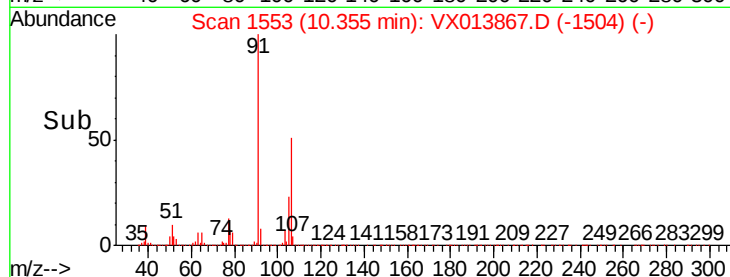
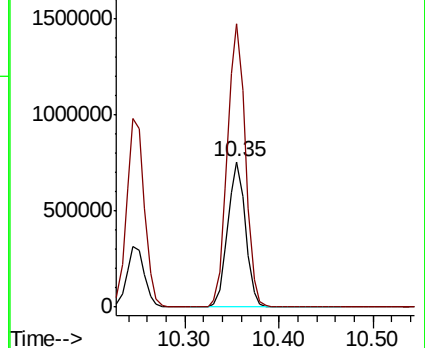
106 100

91 197.2 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.999 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013867.D

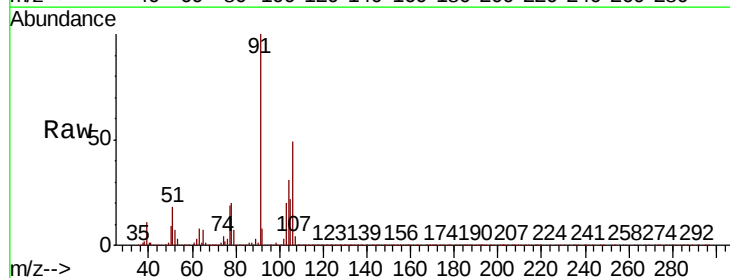
Acq: 09 Dec 2019 21:37

Tgt Ion:106 Resp: 486129

Ion Ratio Lower Upper

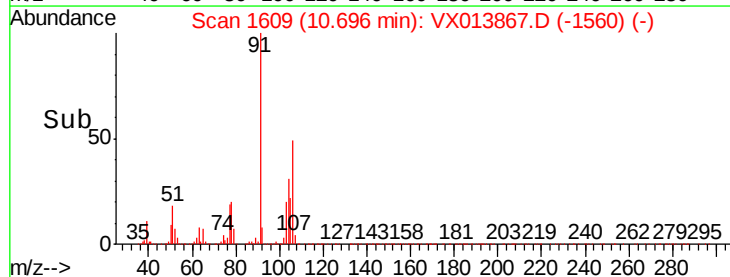
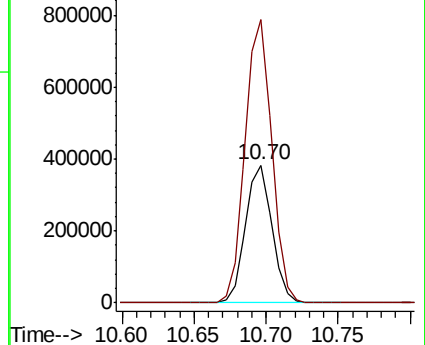
106 100

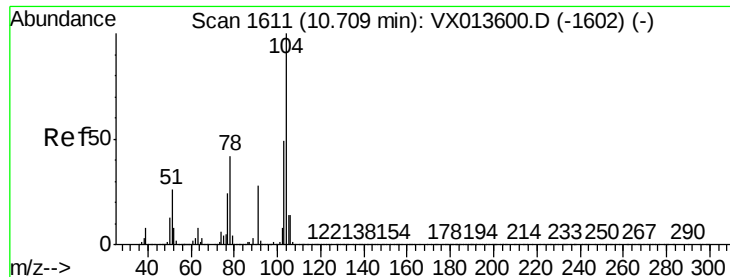
91 208.2 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

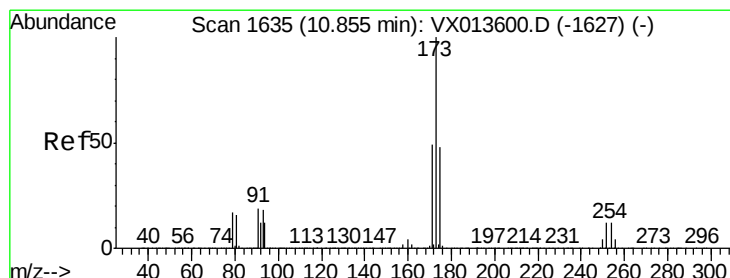
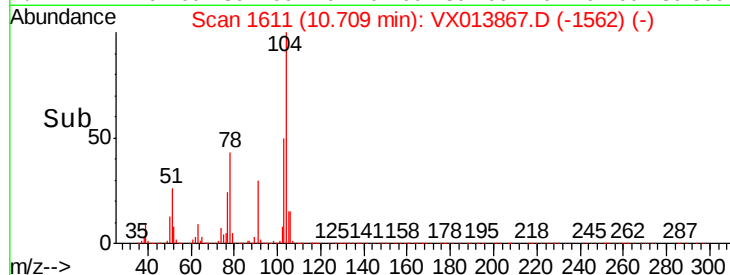
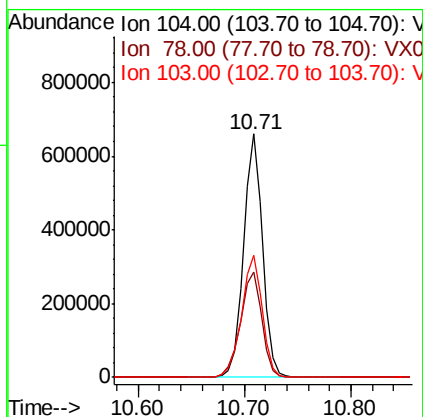
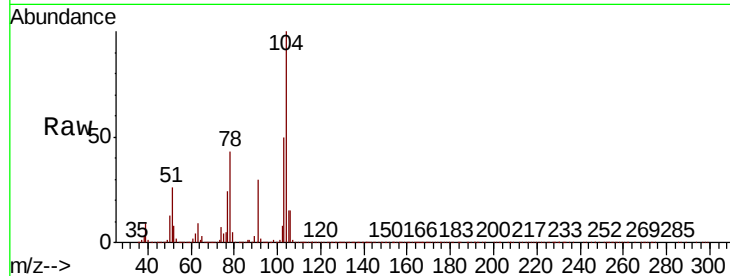




#70
Stvrene
Concen: 47.273 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

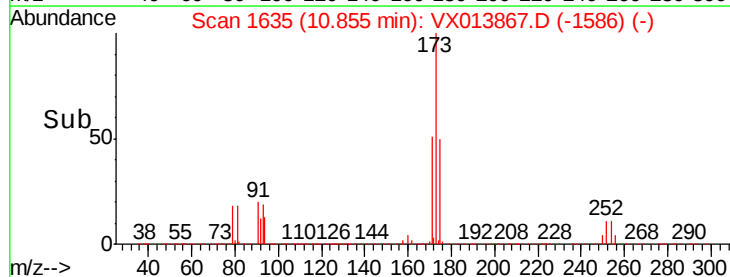
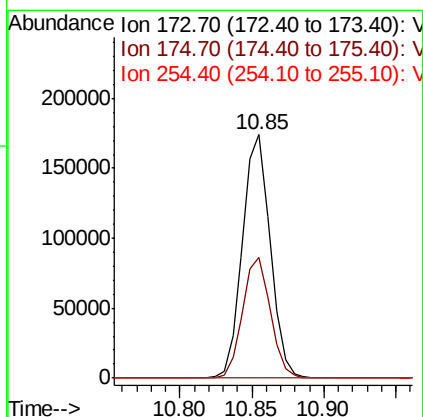
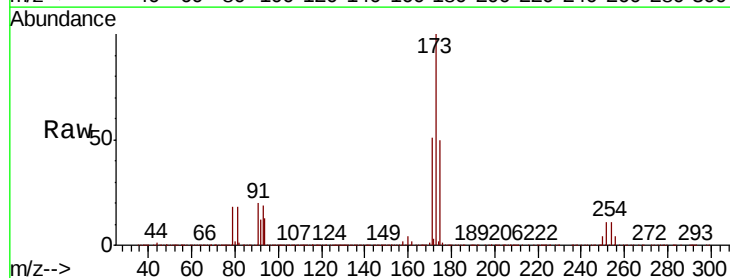
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

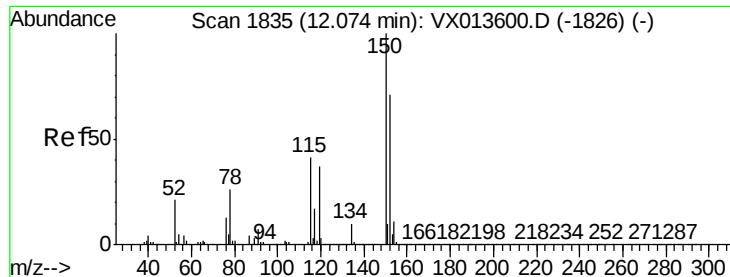
Tot Ion:104 Resp: 822533
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.7 43.7 65.5



#71
Bromoform
Concen: 48.617 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:173 Resp: 232859
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.2 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: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

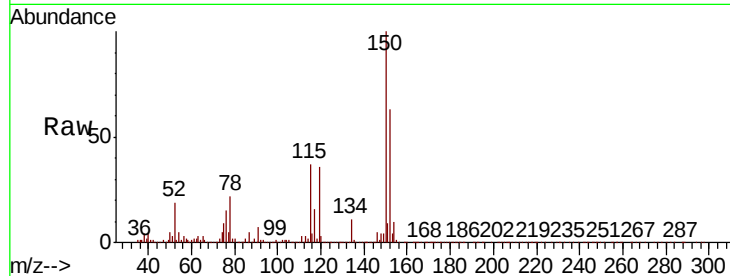
Tot Ion:152 Resp: 381527

Ion Ratio Lower Upper

152 100

115 74.7 38.4 115.1

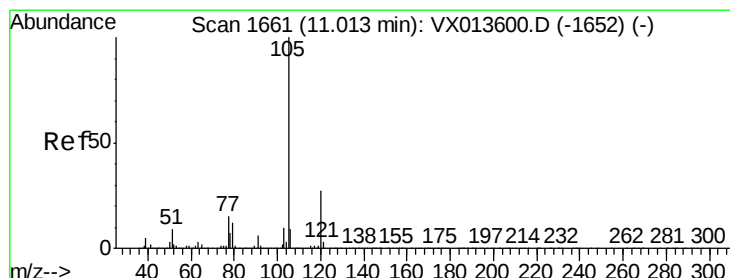
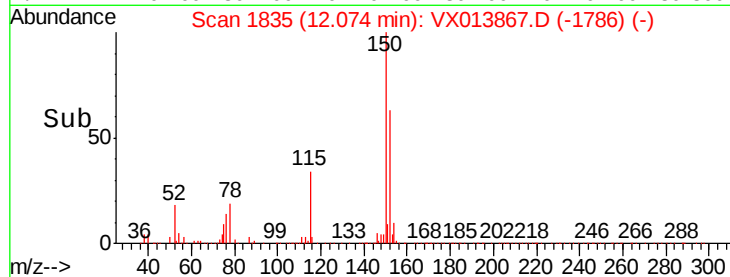
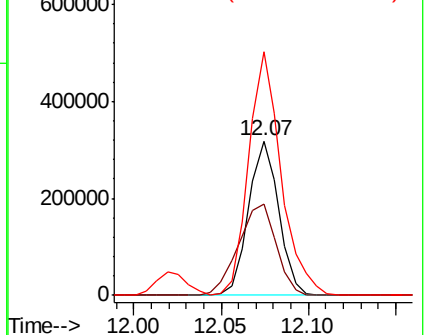
150 169.8 0.0 346.8



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: 47.523 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013867.D

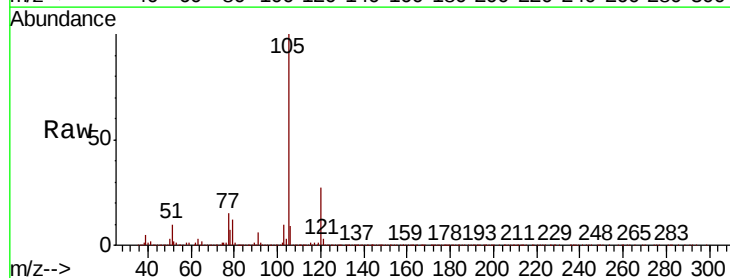
Acq: 09 Dec 2019 21:37

Tgt Ion:105 Resp: 1271846

Ion Ratio Lower Upper

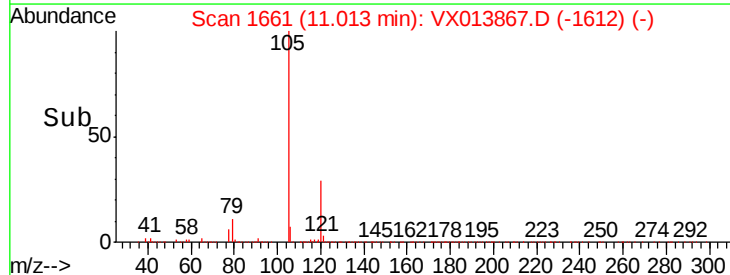
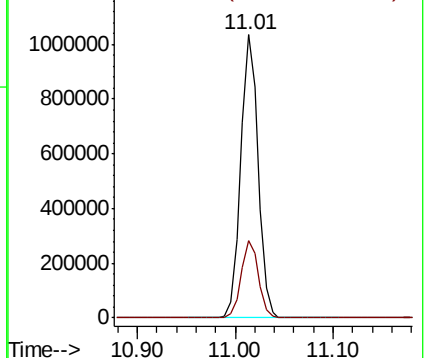
105 100

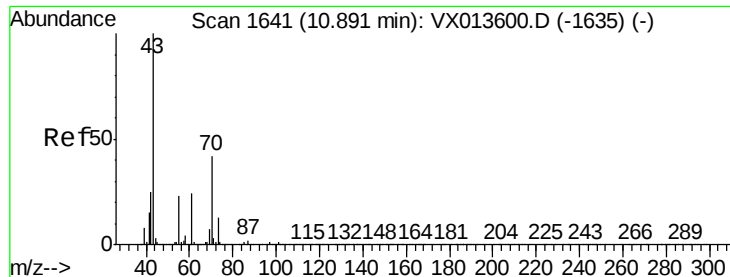
120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.409 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 43 Resp: 568954

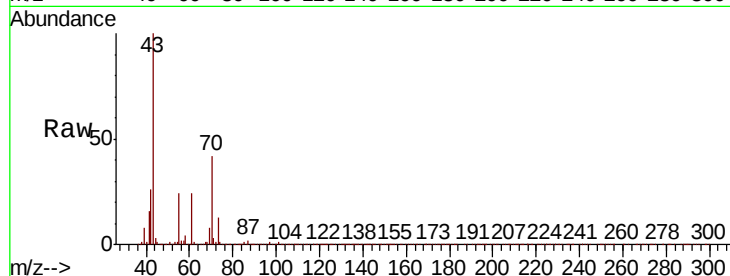
Ion Ratio Lower Upper

43 100

70 44.2 34.3 51.5

55 24.2 18.5 27.7

61 24.8 19.8 29.8

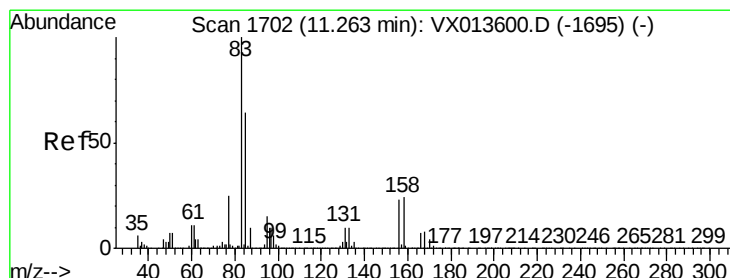
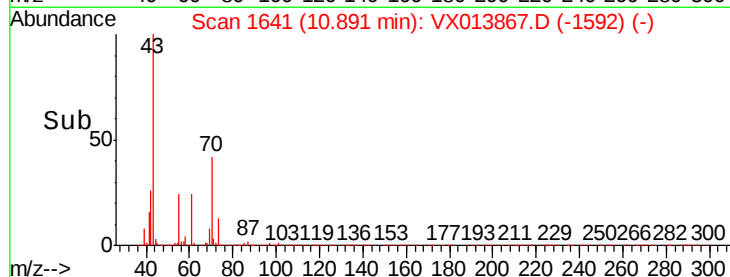
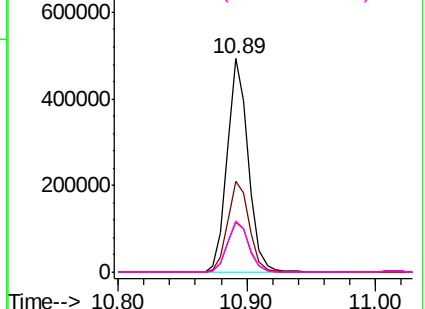


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.774 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

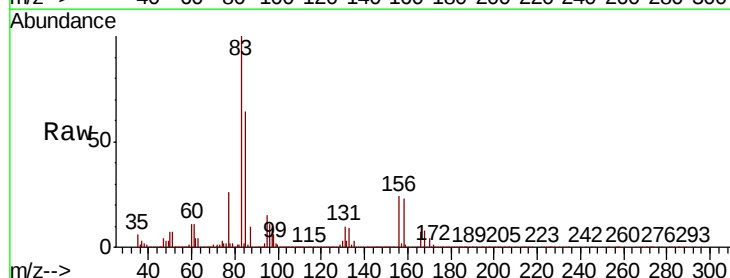
Tgt Ion: 83 Resp: 471239

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

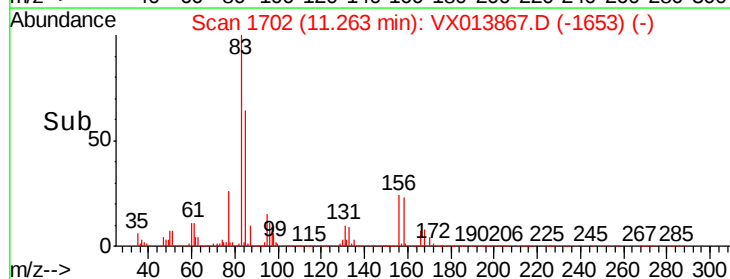
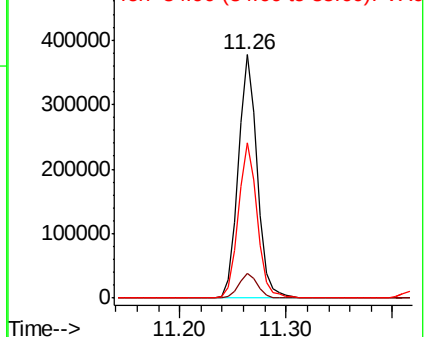
85 63.5 31.8 95.3

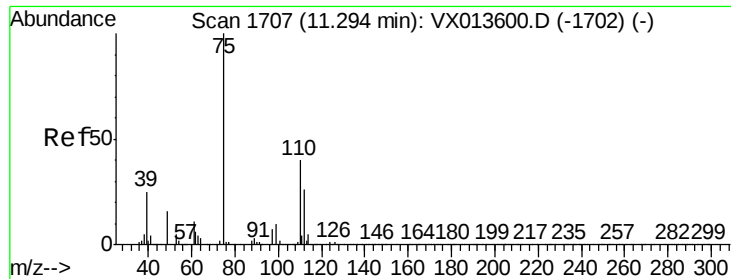


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

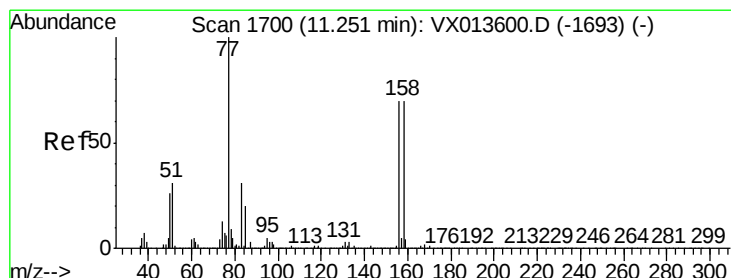
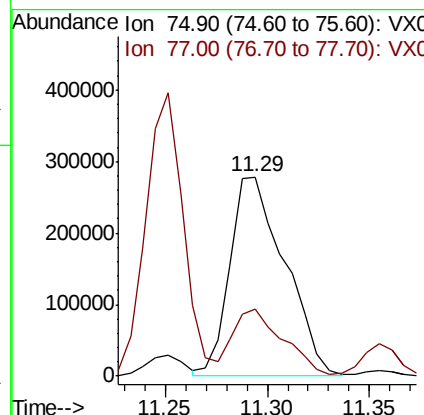
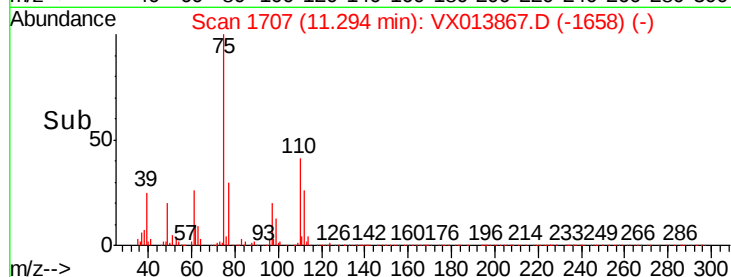
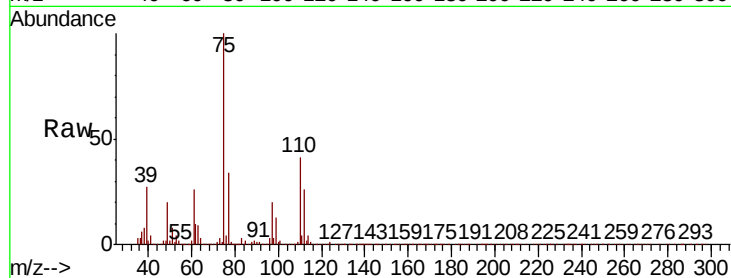




#76
 1,2,3-Trichloropropane
 Concen: 60.592 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

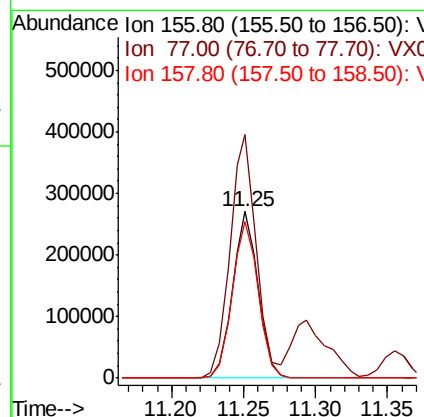
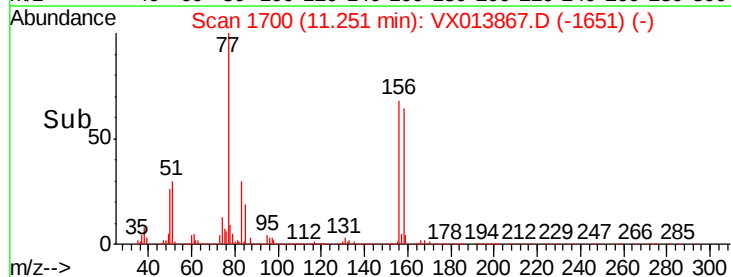
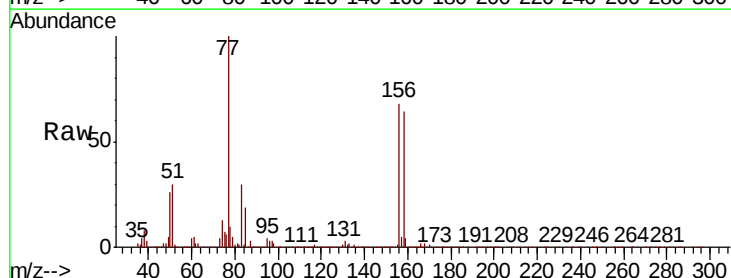
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

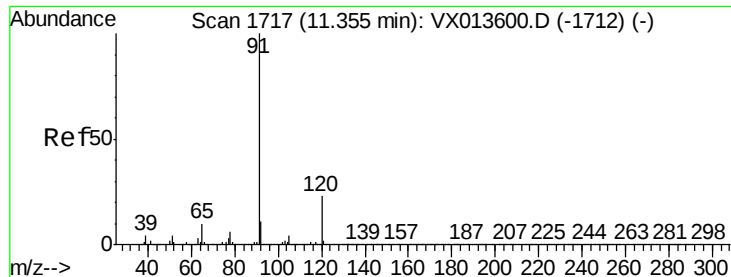
Tot Ion: 75 Resp: 519953
 Ion Ratio Lower Upper
 75 100
 77 30.9 19.1 57.5



#77
 Bromobenzene
 Concen: 46.413 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 156 Resp: 335564
 Ion Ratio Lower Upper
 156 100
 77 150.8 74.4 223.1
 158 96.2 48.9 146.6





#78

n-propylbenzene

Concen: 47.213 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

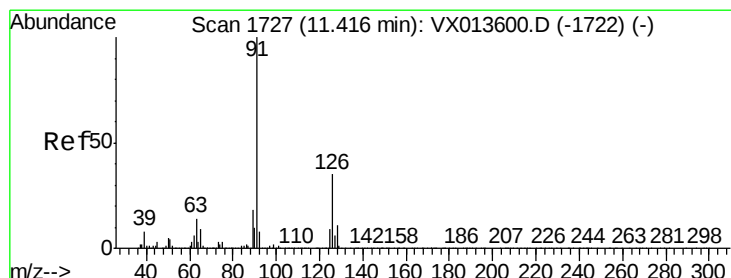
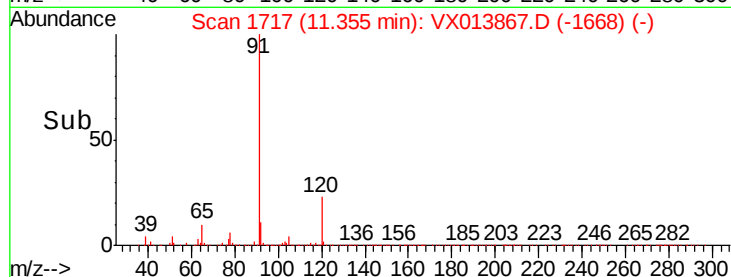
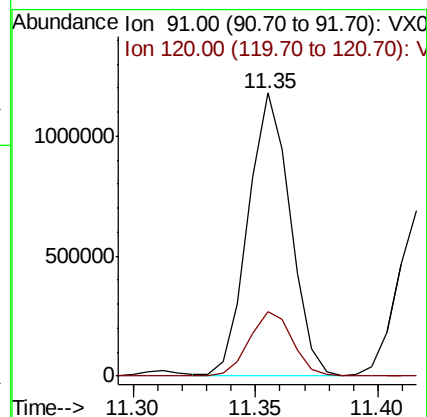
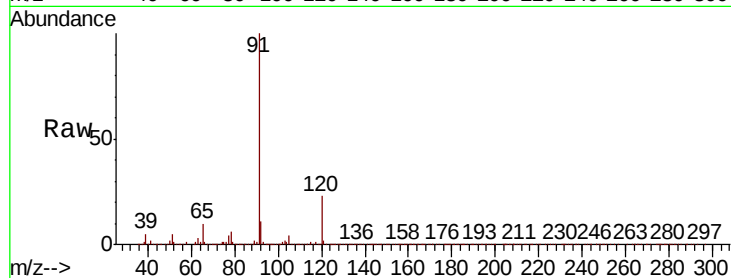
RE131D2-20191204MSD

Tot Ion: 91 Resp: 1410505

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#79

2-Chlorotoluene

Concen: 46.927 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013867.D

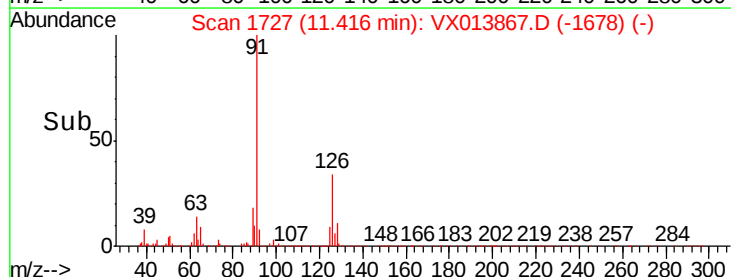
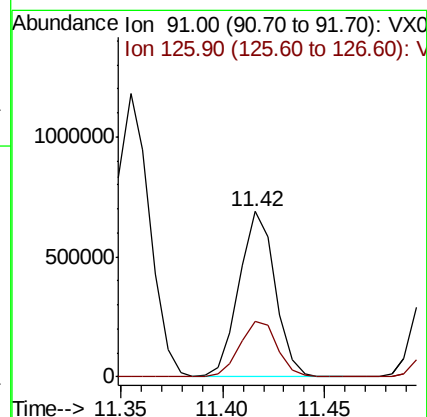
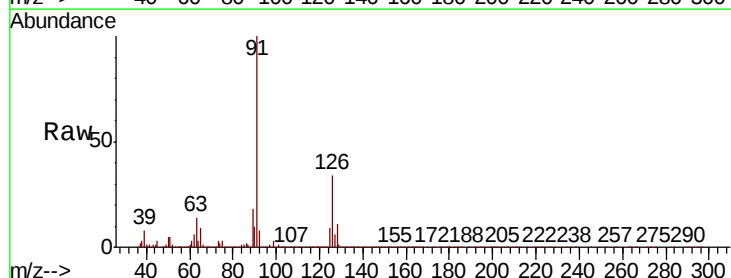
Acq: 09 Dec 2019 21:37

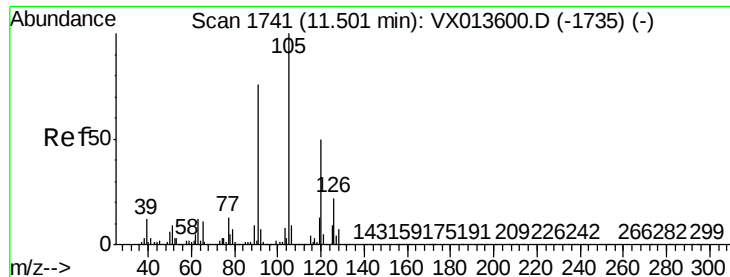
Tgt Ion: 91 Resp: 840989

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5

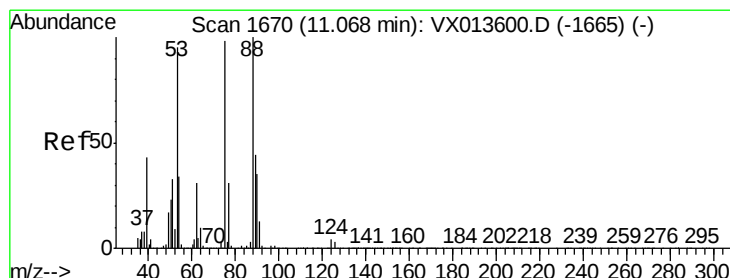
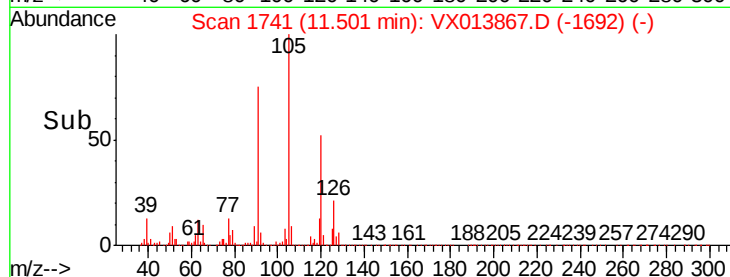
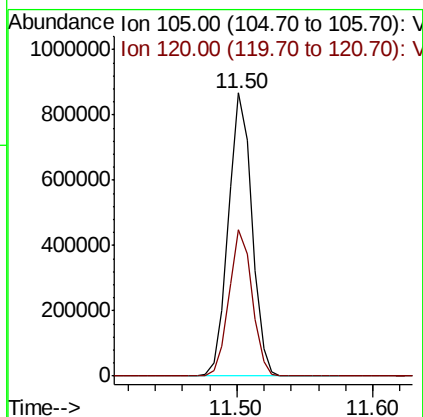
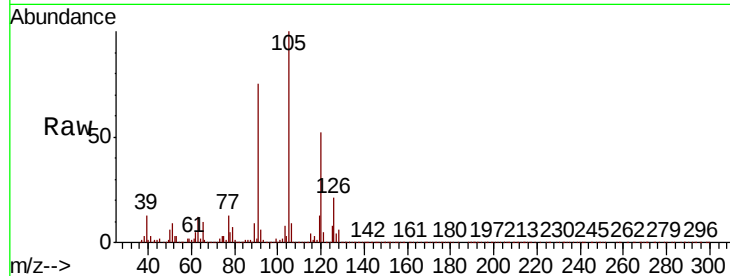




#80
 1,3,5-Trimethylbenzene
 Concen: 47.289 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

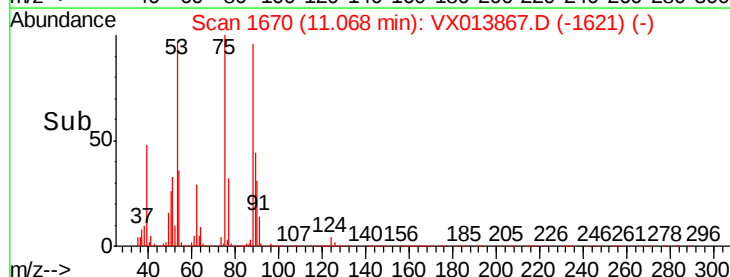
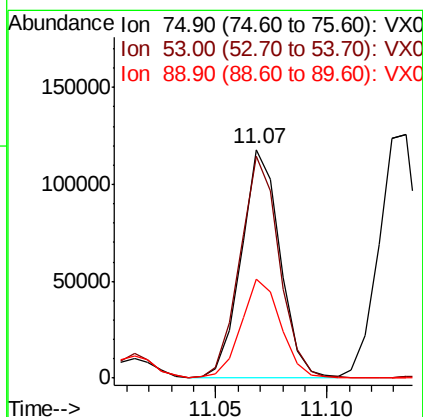
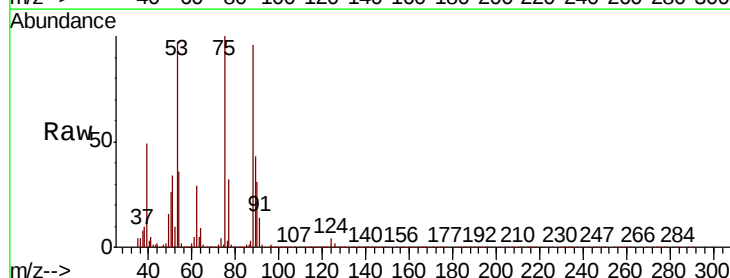
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

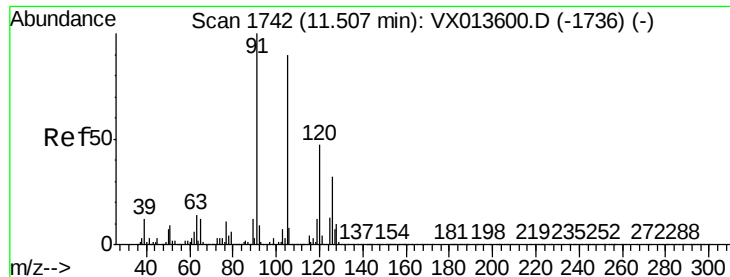
Tot Ion:105 Resp: 1037263
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.418 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 75 Resp: 142460
 Ion Ratio Lower Upper
 75 100
 53 98.1 78.2 117.2
 89 44.2 35.4 53.2





#82

4-Chlorotoluene

Concen: 46.221 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

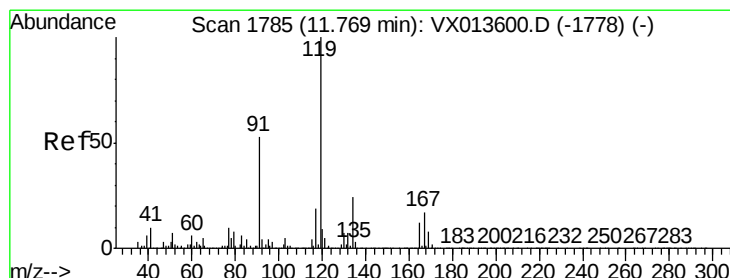
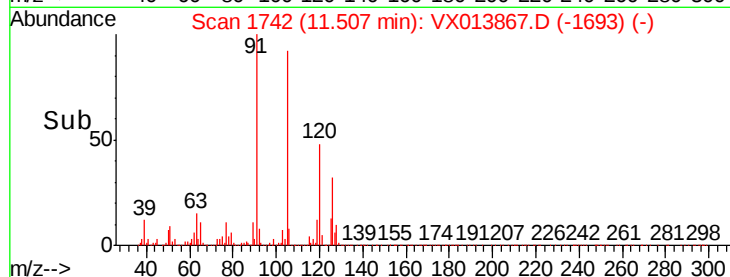
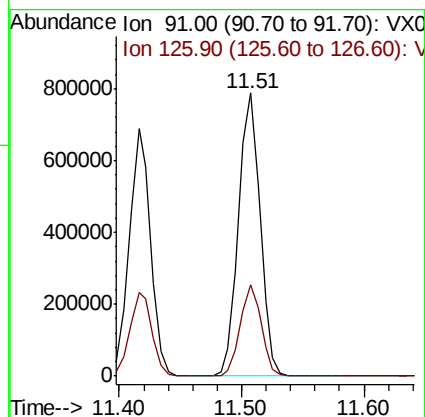
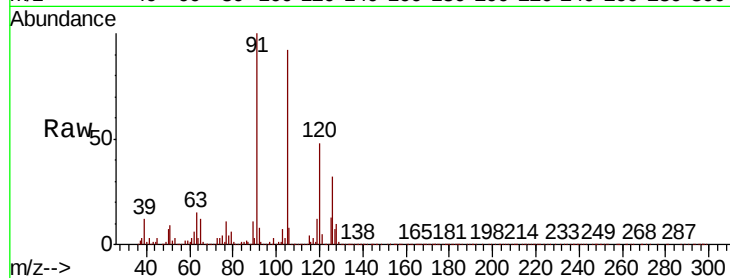
RE131D2-20191204MSD

Tot Ion: 91 Resp: 959404

Ion Ratio Lower Upper

91 100

126 31.6 15.7 47.0



#83

tert-Butylbenzene

Concen: 48.361 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

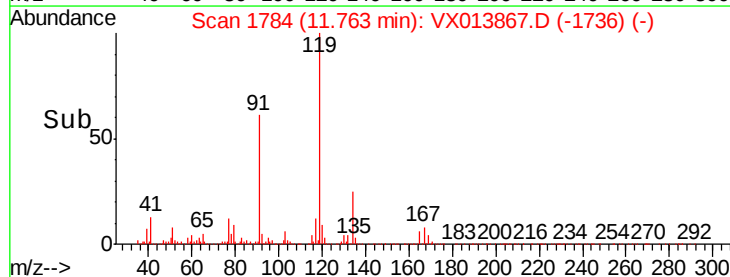
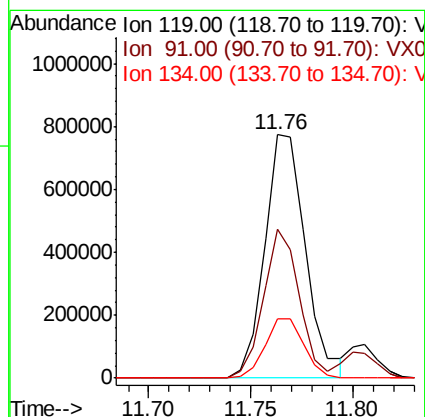
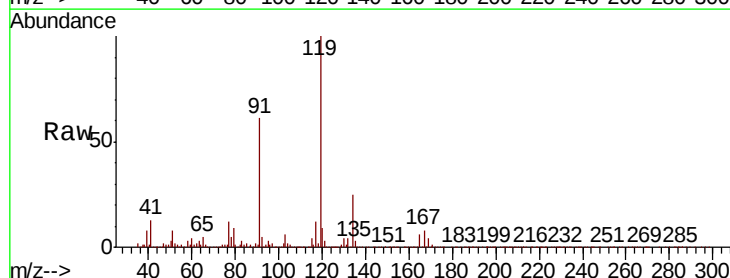
Tgt Ion: 119 Resp: 1078051

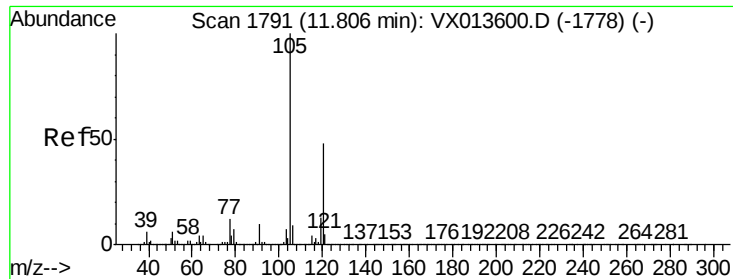
Ion Ratio Lower Upper

119 100

91 53.5 27.2 81.6

134 23.6 11.7 35.1

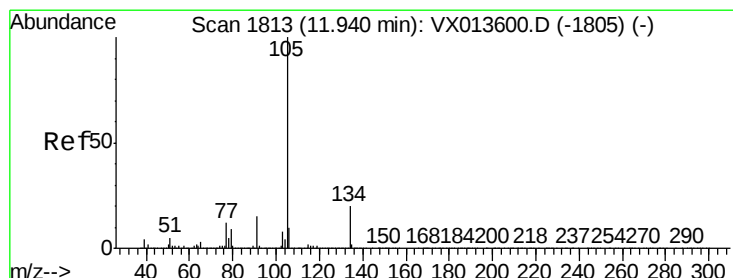
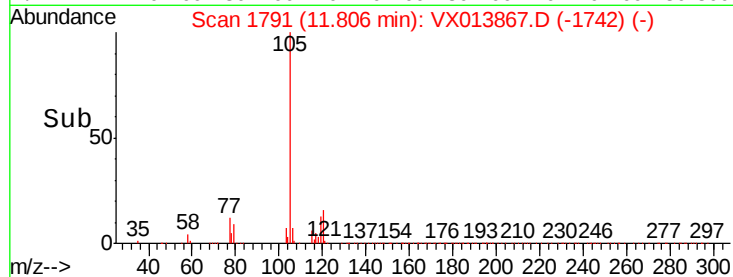
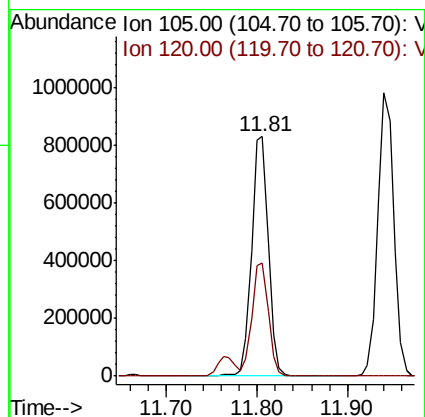
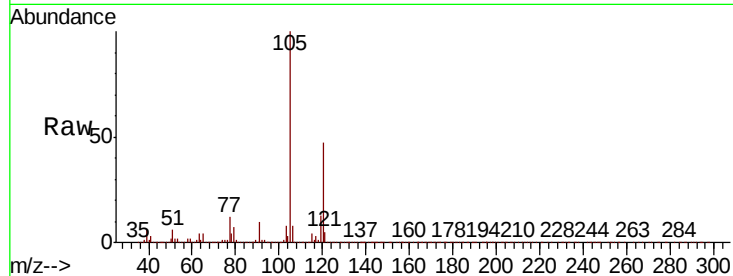




#84
 1,2,4-Trimethylbenzene
 Concen: 47.602 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

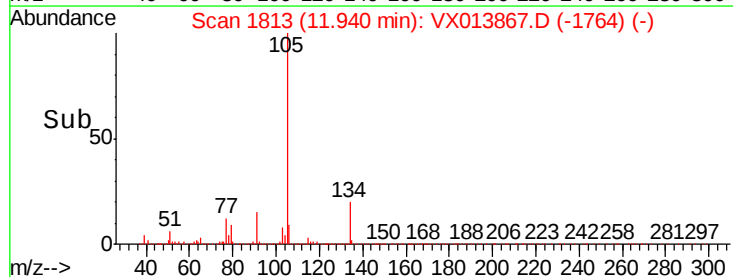
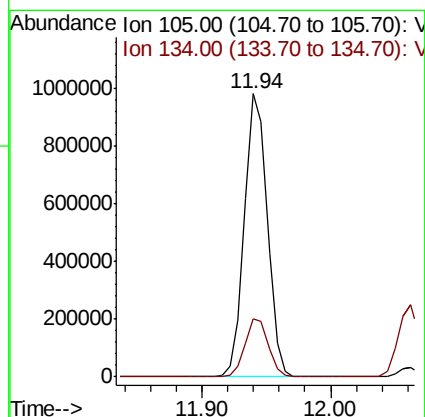
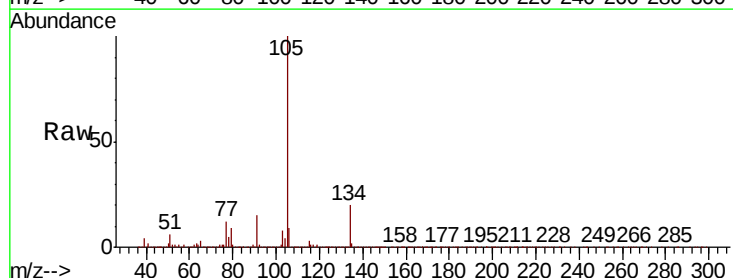
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

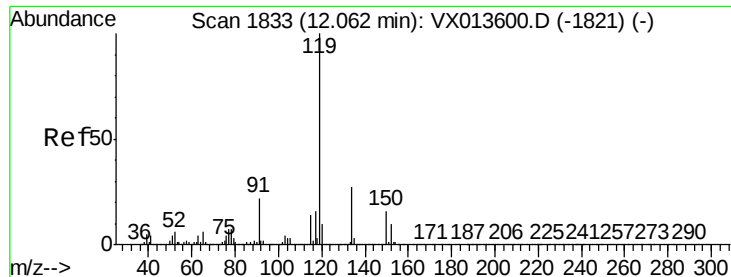
Tot Ion:105 Resp: 1059685
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 47.301 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion:105 Resp: 1204382
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

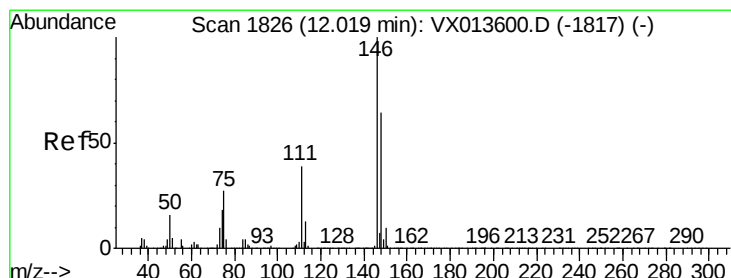
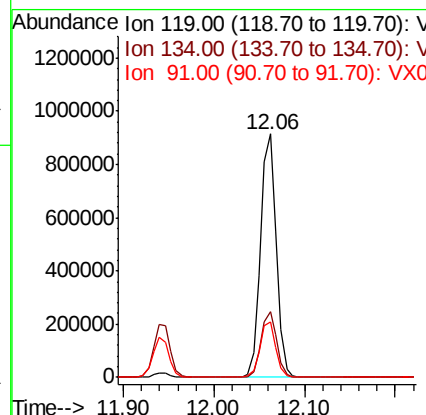
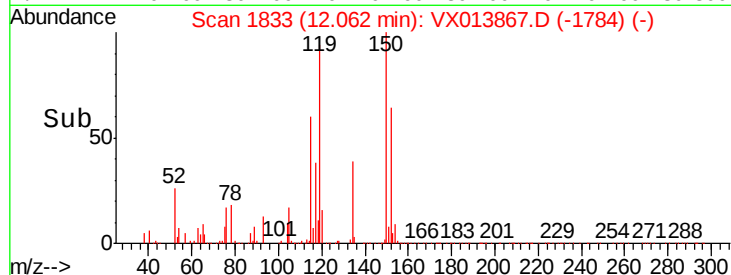
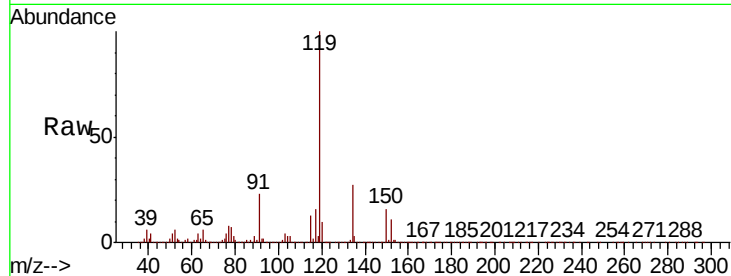




#86
p-Isopropyltoluene
Concen: 46.122 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

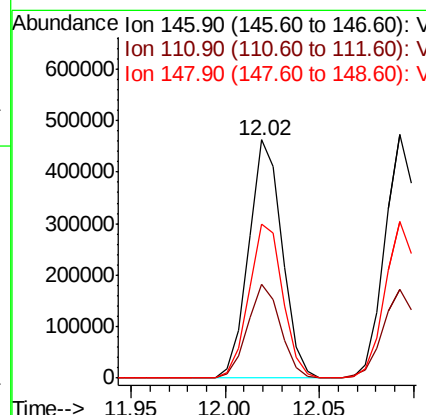
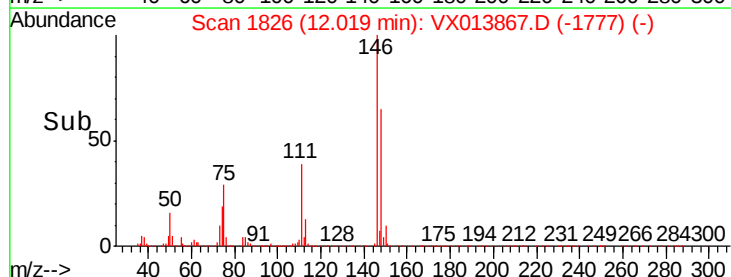
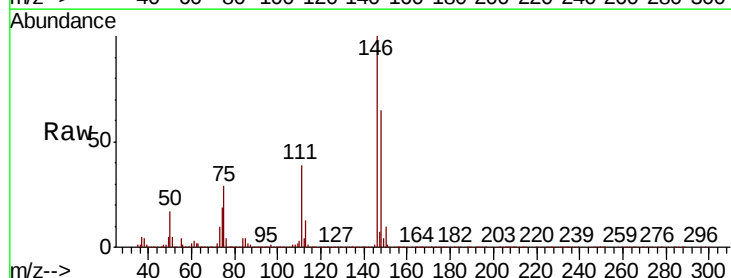
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

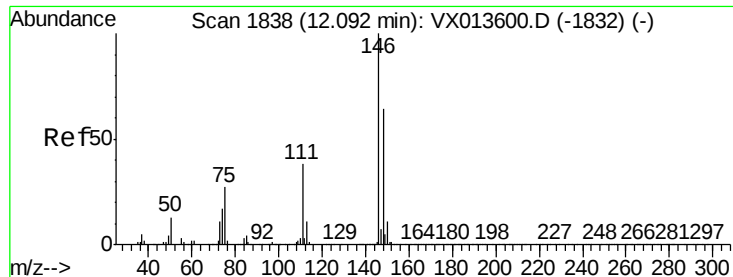
Tot Ion:119 Resp: 1092510
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.9
91 22.7 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 45.129 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:146 Resp: 568766
Ion Ratio Lower Upper
146 100
111 38.8 19.0 57.0
148 65.5 31.8 95.4

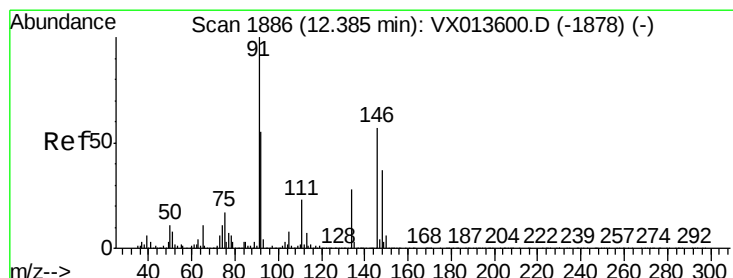
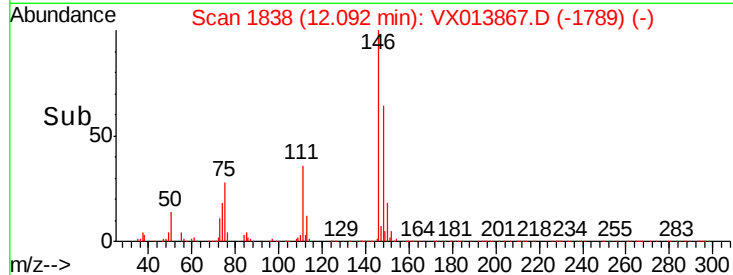
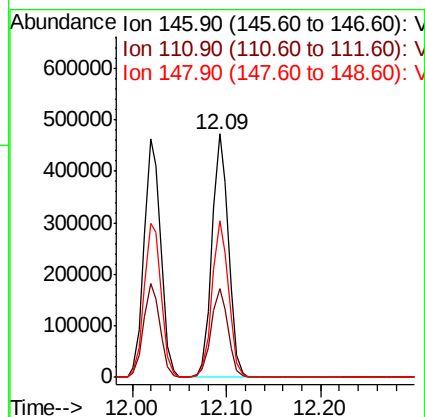
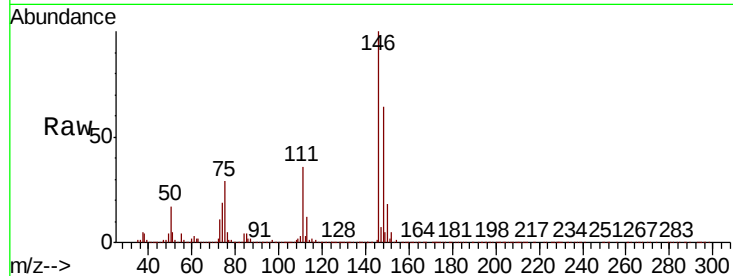




#88
 1,4-Dichlorobenzene
 Concen: 44.498 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

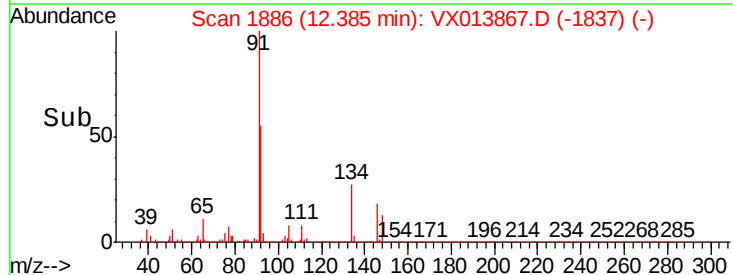
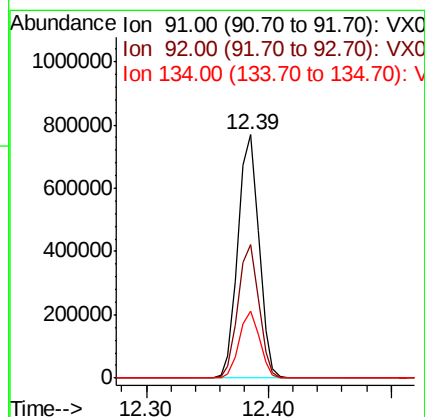
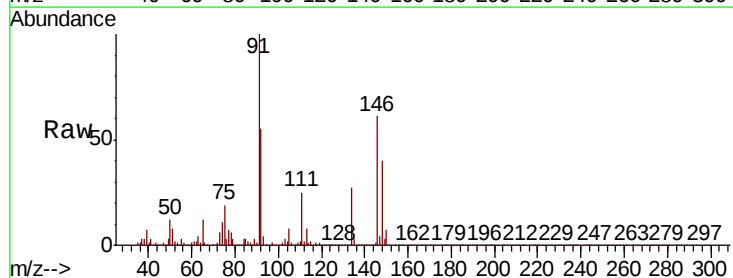
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

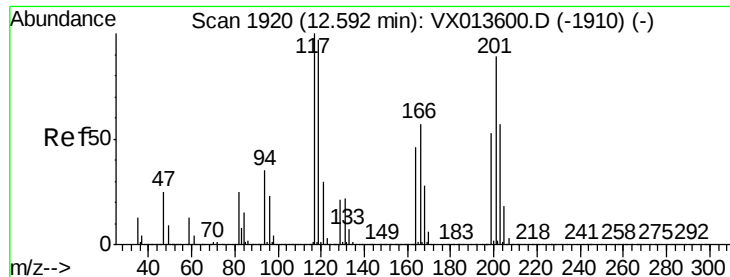
Tot Ion:146 Resp: 571229
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 64.3 31.9 95.5



#89
 n-Butylbenzene
 Concen: 44.899 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 91 Resp: 907099
 Ion Ratio Lower Upper
 91 100
 92 54.5 27.4 82.2
 134 26.8 13.5 40.4

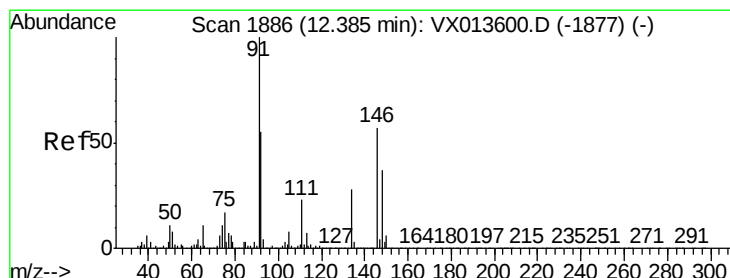
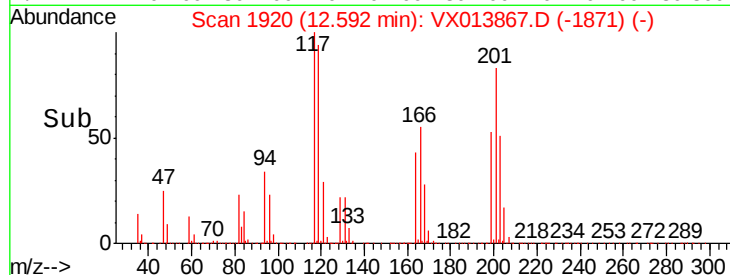
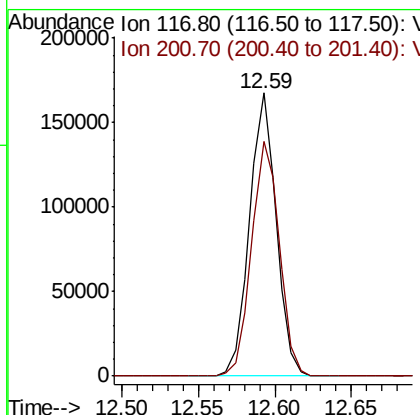
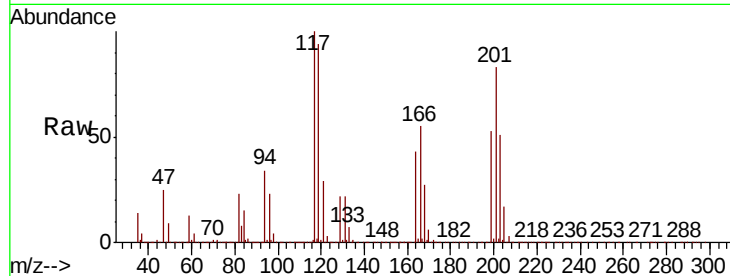




#90
Hexachloroethane
Concen: 47.374 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

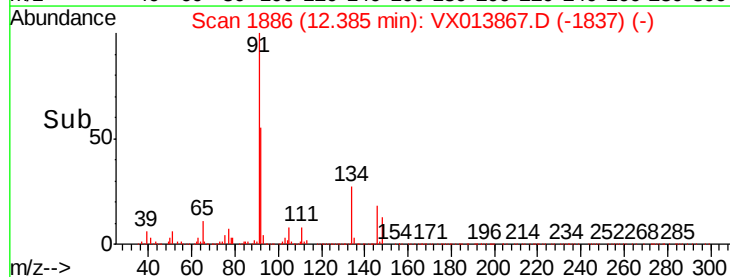
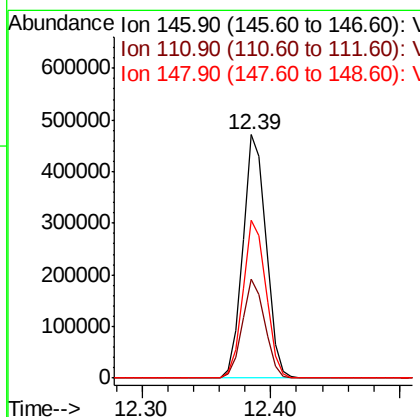
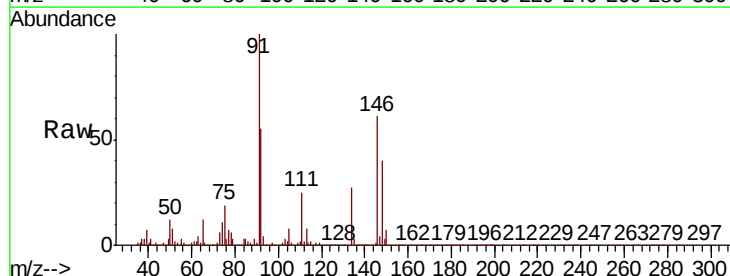
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

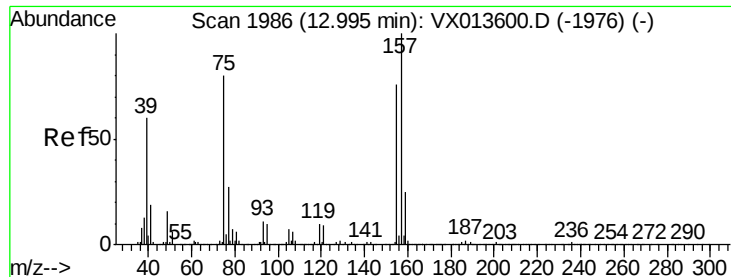
Tot Ion:117 Resp: 202834
Ion Ratio Lower Upper
117 100
201 86.8 44.1 132.4



#91
1,2-Dichlorobenzene
Concen: 46.871 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:146 Resp: 583650
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.7
148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.917 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Instrument :

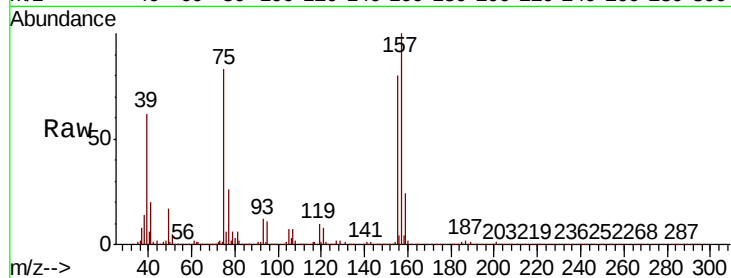
MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 75 Resp: 100888

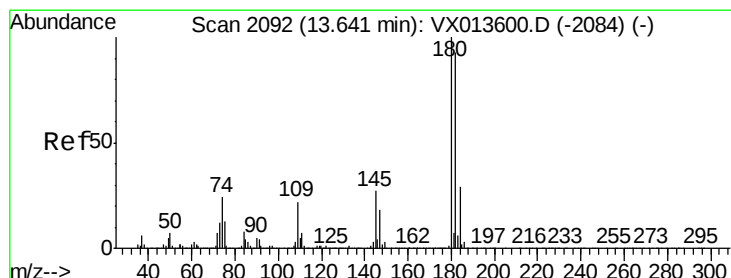
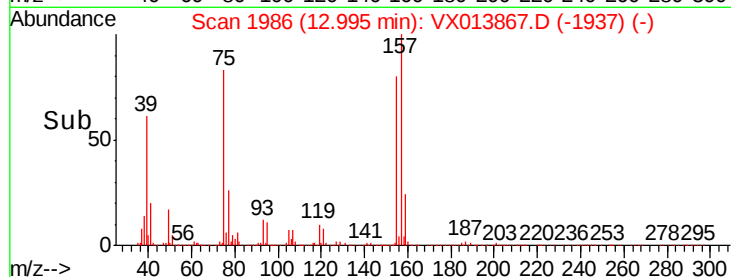
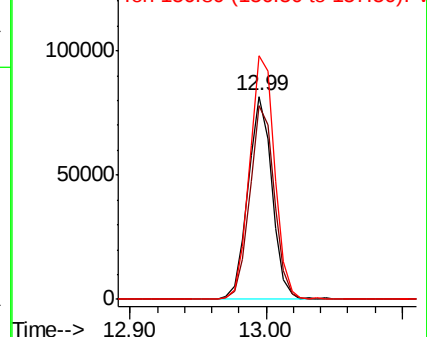
Ion	Ratio	Lower	Upper
75	100		
155	97.4	47.6	142.8
157	125.4	62.1	186.2



Abundance Ion 74.90 (74.60 to 75.60): VX013867.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013867.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013867.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 42.246 ug/l

RT: 13.64 min Scan# 2092

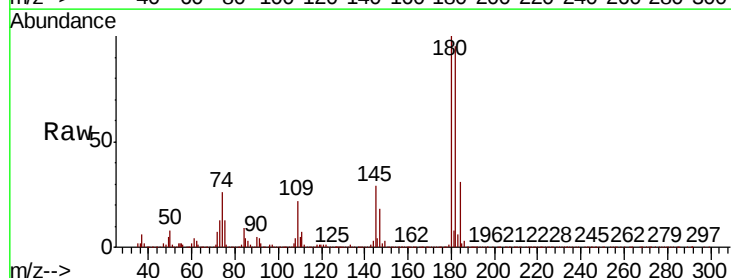
Delta R.T. 0.00 min

Lab File: VX013867.D

Acq: 09 Dec 2019 21:37

Tgt Ion: 180 Resp: 366629

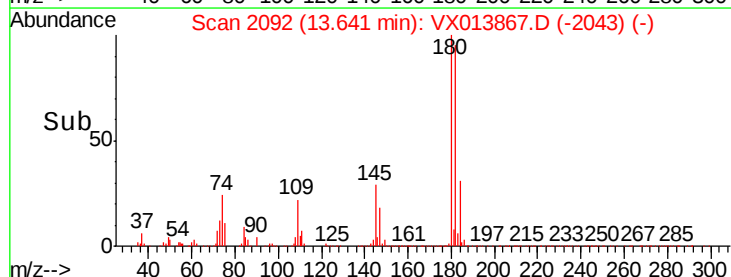
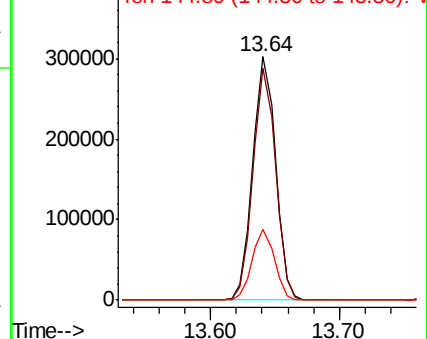
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	28.7	13.8	41.4

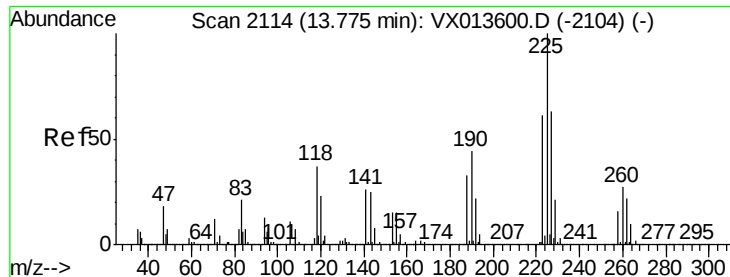


Abundance Ion 179.80 (179.50 to 180.50): VX013867.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013867.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013867.D (-2043) (-)

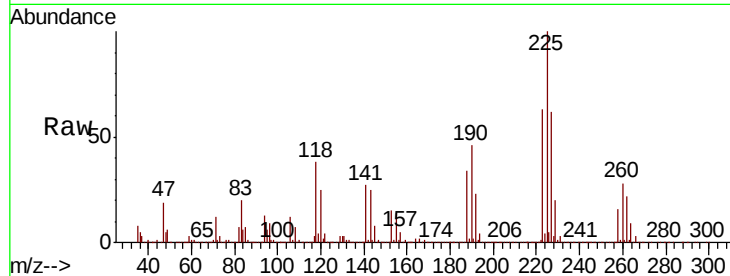




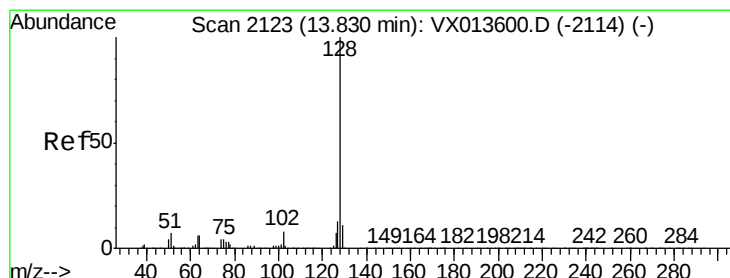
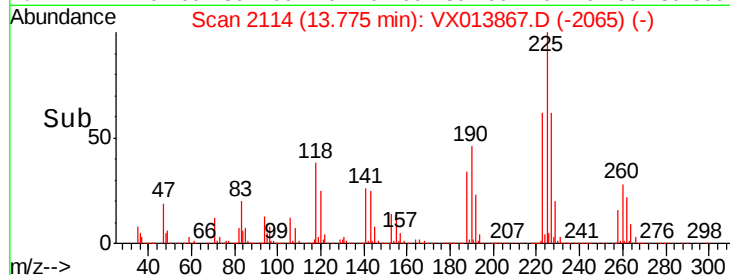
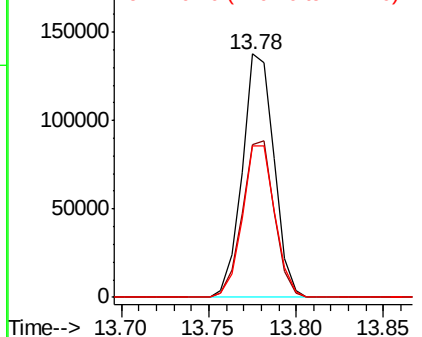
#94
Hexachlorobutadiene
Concen: 41.675 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion:225 Resp: 173739
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.5
227 63.1 32.1 96.3

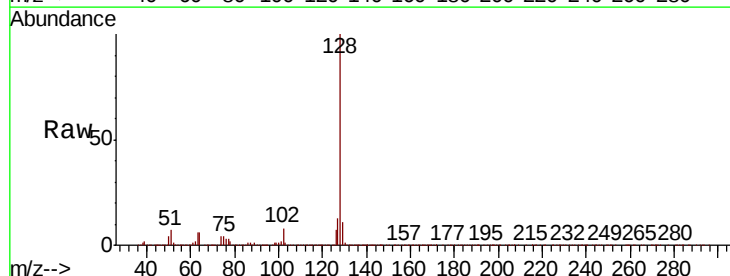


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

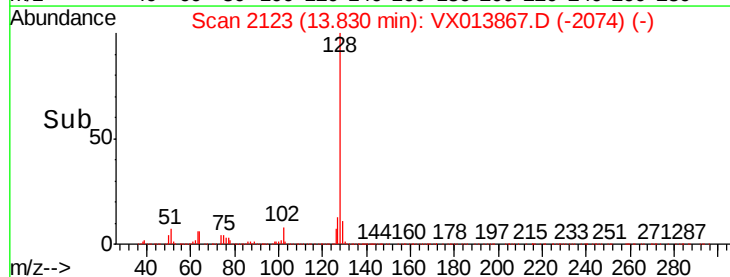
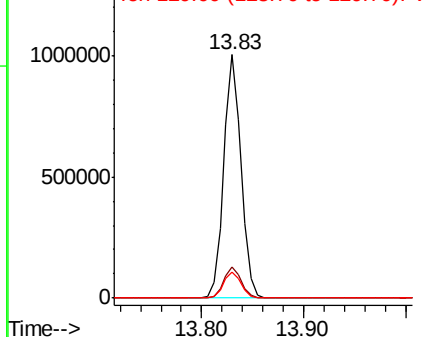


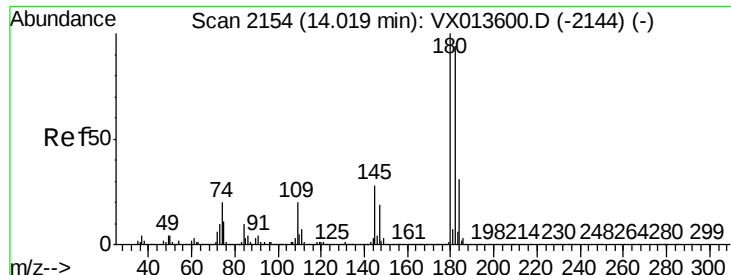
#95
Naphthalene
Concen: 45.639 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:128 Resp: 1179509
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 44.608 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	29.7	15.0	45.0

