

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013834.D
 Acq On : 07 Dec 2019 05:27
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Quant Time: Dec 07 06:00:57 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	549366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	854155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	773644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383563	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	309612	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	262378	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	980095	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.14	95	357503	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	296764	48.532	ug/l	99
3) Chloromethane	1.32	50	332269	48.427	ug/l	100
4) Vinyl Chloride	1.40	62	393059	50.898	ug/l	100
5) Bromomethane	1.63	94	246607	47.551	ug/l	98
6) Chloroethane	1.70	64	218389	49.697	ug/l	98
7) Trichlorofluoromethane	1.92	101	417220	48.655	ug/l	99
8) Diethyl Ether	2.18	74	196695	50.702	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1328340	253.609	ug/l	98
10) Methyl Iodide	2.50	142	326043	51.460	ug/l	100
11) Tert butyl alcohol	3.04	59	420563	267.190	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274066	52.421	ug/l	96
13) Acrolein	2.28	56	312889	296.101	ug/l	100
14) Allyl chloride	2.72	41	457724	48.243	ug/l	99
15) Acrylonitrile	3.13	53	855355	263.262	ug/l	99
16) Acetone	2.44	43	750141	238.264	ug/l	99
17) Carbon Disulfide	2.56	76	663998	44.552	ug/l	100
18) Methyl Acetate	2.76	43	441462	50.355	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	891554	51.476	ug/l	98
20) Methylene Chloride	2.84	84	299527	49.521	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	277954	48.802	ug/l	98
22) Diisopropyl ether	3.84	45	962571	52.689	ug/l	98
23) Vinyl Acetate	3.80	43	3451110	227.077	ug/l	100
24) 1,1-Dichloroethane	3.69	63	518667	51.934	ug/l	99
25) 2-Butanone	4.66	43	1215675	259.812	ug/l	98
26) 2,2-Dichloropropane	4.58	77	267136	32.329	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	362706	55.454	ug/l	95
28) Bromochloromethane	5.00	49	212168	53.760	ug/l	98
29) Tetrahydrofuran	5.11	42	785977	272.484	ug/l	99
30) Chloroform	5.20	83	508762	50.231	ug/l	97
31) Cyclohexane	5.57	56	446352	47.384	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	427562	50.516	ug/l	99
36) 1,1-Dichloropropene	5.79	75	378565	48.824	ug/l	99
37) Ethyl Acetate	4.82	43	407053	46.797	ug/l	99
38) Carbon Tetrachloride	5.78	117	362909	50.760	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	440946	46.008	ug/l	98
40) Benzene	6.14	78	1180892	50.006	ug/l	99
41) Methacrylonitrile	5.03	41	266948	55.960	ug/l	97
42) 1,2-Dichloroethane	6.18	62	411643	51.113	ug/l	99
43) Isopropyl Acetate	6.43	43	686705	47.954	ug/l	100
44) Trichloroethene	7.21	130	1065547	164.410	ug/l	98
45) 1,2-Dichloropropane	7.51	63	308563	52.225	ug/l	98
46) Dibromomethane	7.65	93	202811	50.541	ug/l	98
47) Bromodichloromethane	7.89	83	393247	51.838	ug/l	99
48) Methyl methacrylate	7.76	41	368975	53.030	ug/l	99
49) 1,4-Dioxane	7.73	88	175707	1128.182	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2409908	267.537	ug/l	100
52) Toluene	8.78	92	734913	50.095	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	406602	47.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	456865	48.429	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	308504	52.183	ug/l	98
56) Ethyl methacrylate	9.17	69	501836	52.798	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515356	50.574	ug/l	100
59) 2-Hexanone	9.49	43	1871825	266.438	ug/l	99
60) Dibromochloromethane	9.58	129	320492	52.237	ug/l	99
61) 1,2-Dibromoethane	9.67	107	320551	50.767	ug/l	99
64) Tetrachloroethene	9.33	164	356299	61.757	ug/l	98
65) Chlorobenzene	10.14	112	792306	49.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298415	51.737	ug/l	100
67) Ethyl Benzene	10.25	91	1383478	50.123	ug/l	97
68) m/p-Xylenes	10.35	106	1057550	100.077	ug/l	100
69) o-Xylene	10.70	106	522264	50.674	ug/l	99
70) Stvrene	10.71	104	890417	51.359	ug/l	99
71) Bromoform	10.85	173	252165	52.838	ug/l #	100
73) Isopropylbenzene	11.01	105	1360280	50.558	ug/l	100
74) N-amyl acetate	10.89	43	584444	47.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	500014	53.588	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	535908	62.120	ug/l	89
77) Bromobenzene	11.25	156	364976	50.213	ug/l	99
78) n-propylbenzene	11.35	91	1514217	50.415	ug/l	100
79) 2-Chlorotoluene	11.42	91	907549	50.372	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1126915	51.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139936	44.377	ug/l	100
82) 4-Chlorotoluene	11.51	91	1035439	49.619	ug/l	100
83) tert-Butylbenzene	11.77	119	1150660	51.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1126200	50.322	ug/l	99
85) sec-Butylbenzene	11.94	105	1288481	50.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	1187099	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	623945	49.244	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	619359	47.991	ug/l	99
89) n-Butylbenzene	12.39	91	967393	47.630	ug/l	100
90) Hexachloroethane	12.59	117	217182	50.456	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	629305	50.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108238	53.269	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	397844	45.600	ug/l	99

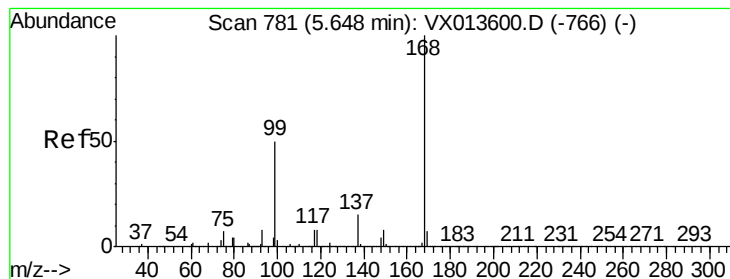
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	182936	43.648	ug/l	99
95) Naphthalene	13.83	128	1257352	48.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	402838	46.633	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

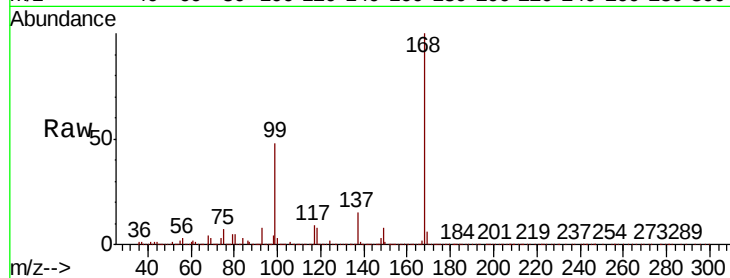
RE131D2-20191204MSD

Tot Ion:168 Resp: 549366

Ion Ratio Lower Upper

168 100

99 47.7 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

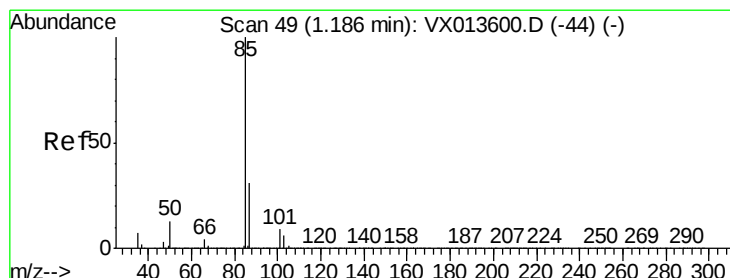
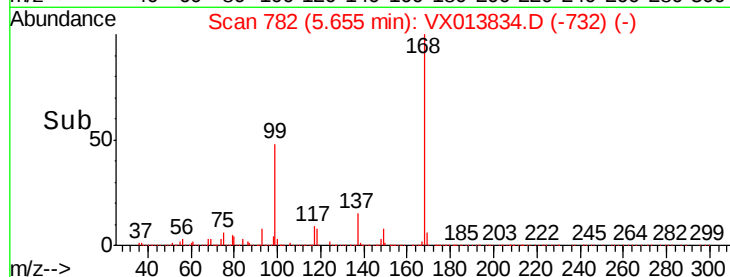
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.532 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013834.D

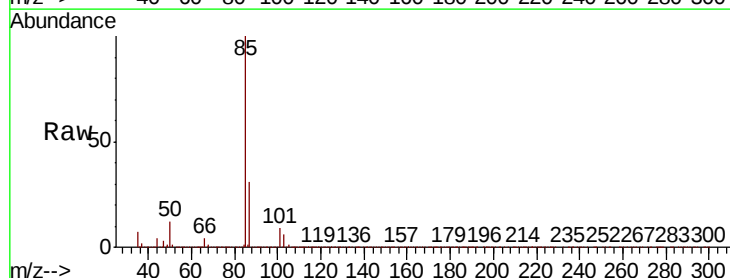
Acq: 07 Dec 2019 05:27

Tgt Ion: 85 Resp: 296764

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

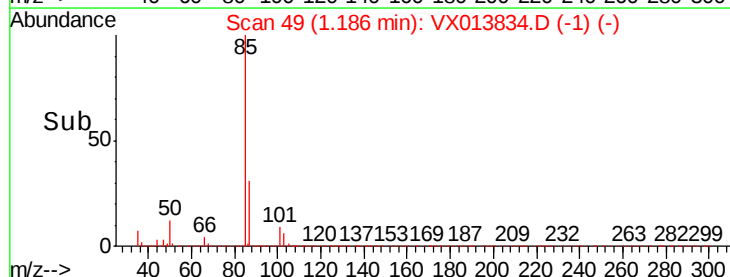
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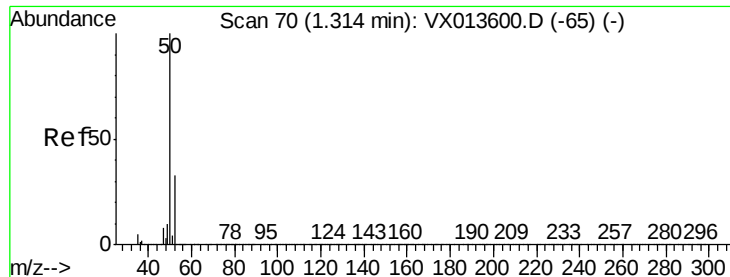
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Time-->

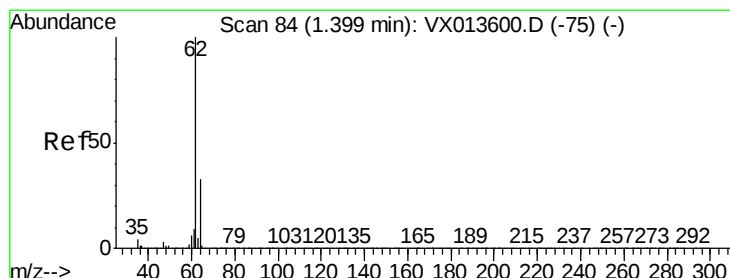
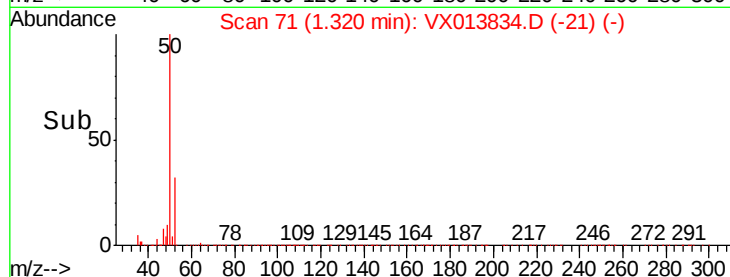
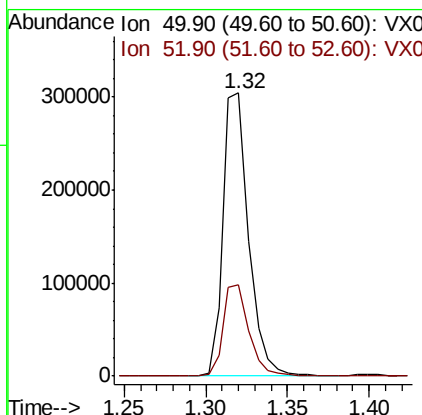
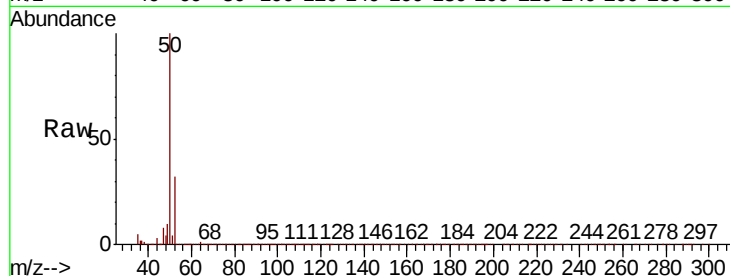




#3
Chloromethane
Concen: 48.427 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

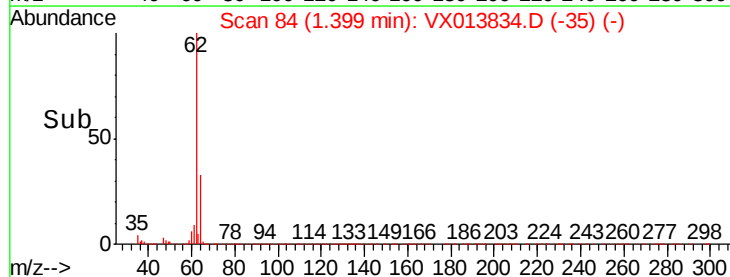
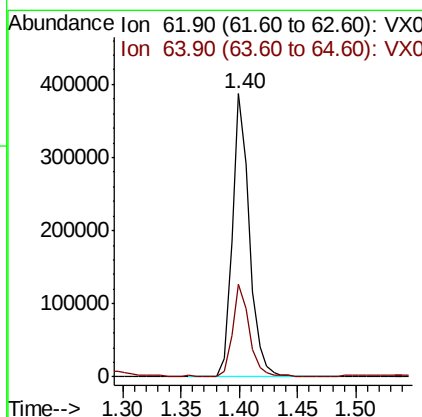
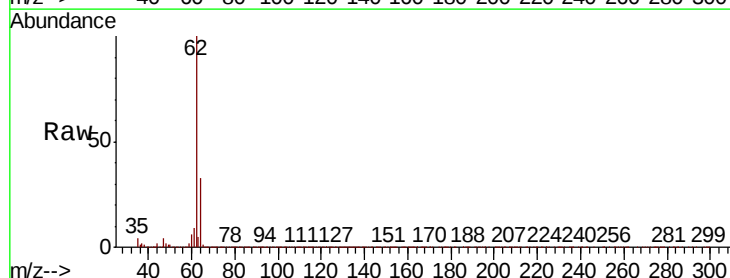
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion: 50 Resp: 332269
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 50.898 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 62 Resp: 393059
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5

Bromomethane

Concen: 47.551 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

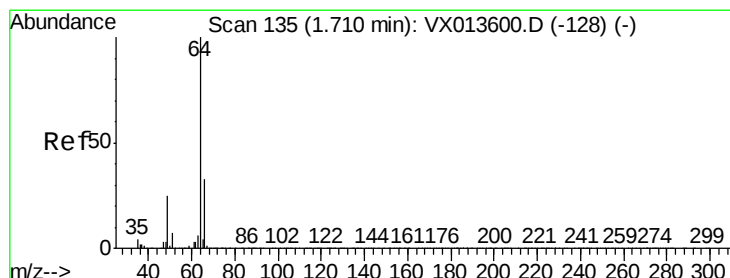
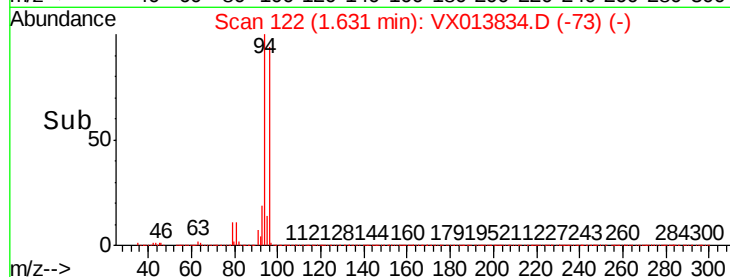
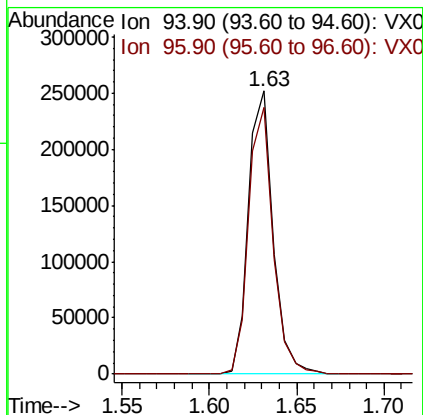
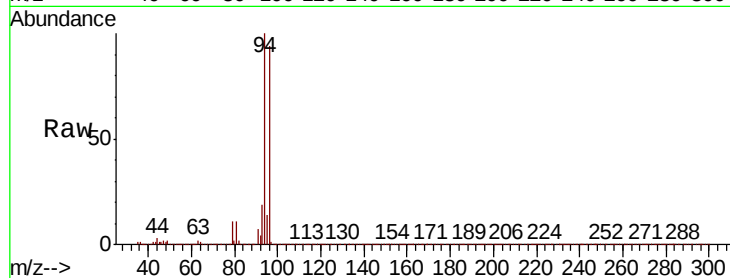
RE131D2-20191204MSD

Tot Ion: 94 Resp: 246607

Ion Ratio Lower Upper

94 100

96 94.1 77.0 115.4



#6

Chloroethane

Concen: 49.697 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013834.D

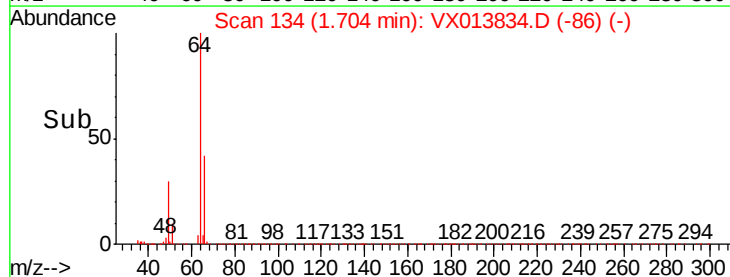
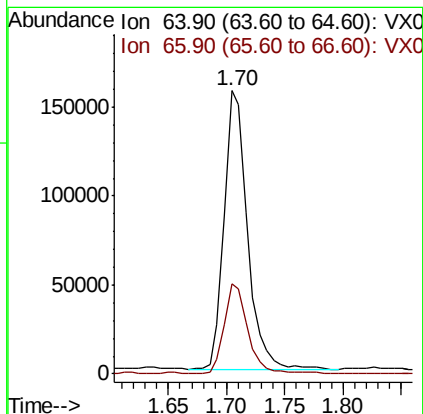
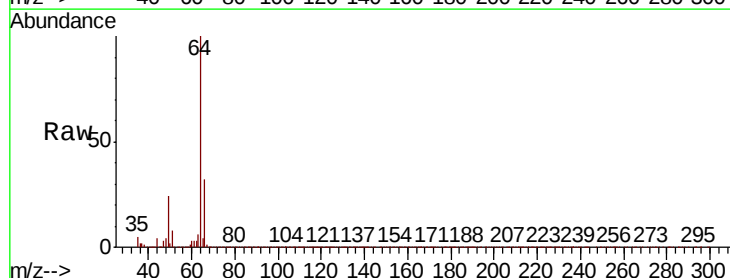
Acq: 07 Dec 2019 05:27

Tgt Ion: 64 Resp: 218389

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1



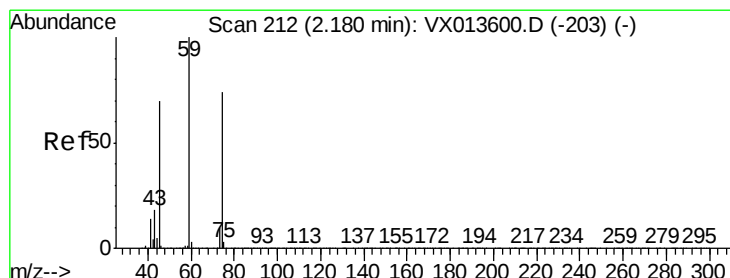
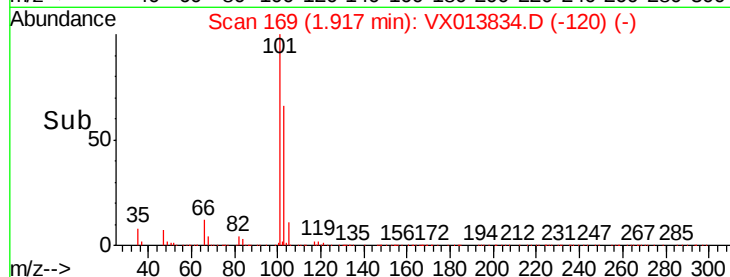
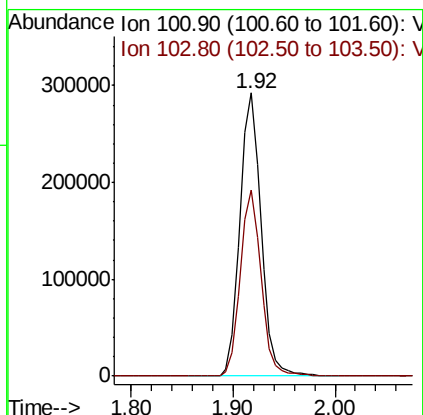
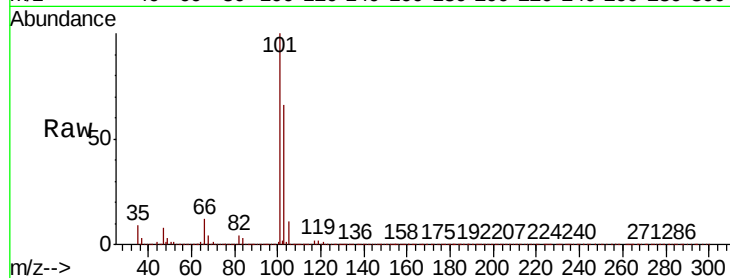


#7

Trichlorofluoromethane
Concen: 48.655 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

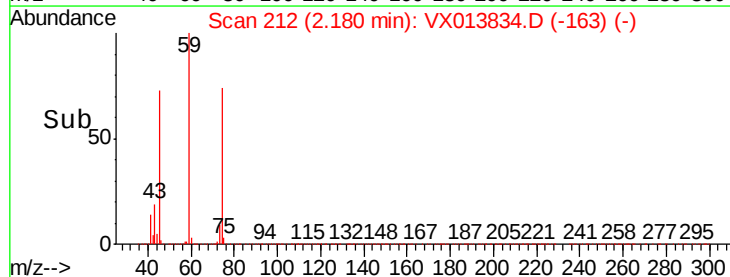
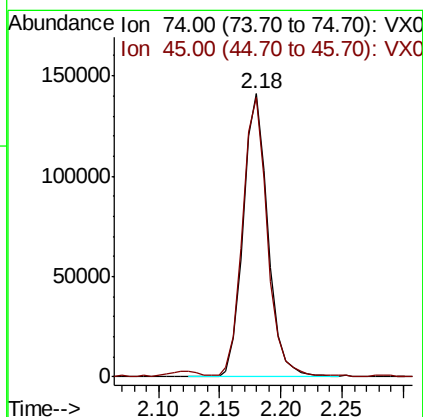
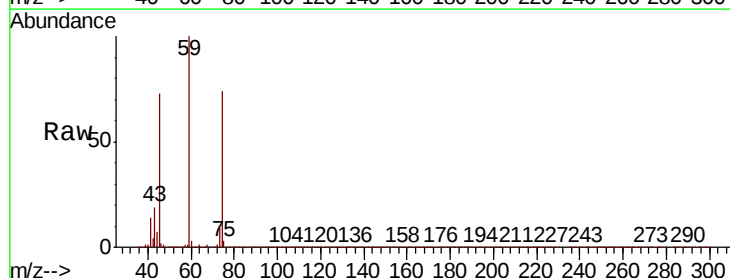
Tot Ion:101 Resp: 417220
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

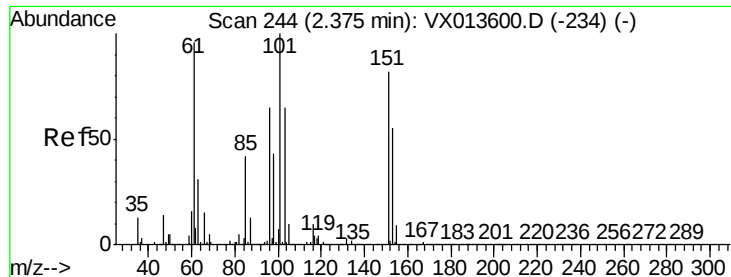


#8

Diethyl Ether
Concen: 50.702 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 74 Resp: 196695
Ion Ratio Lower Upper
74 100
45 98.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 253.609 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

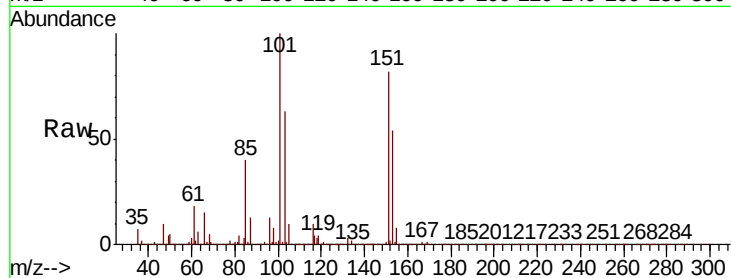
Tot Ion:101 Resp: 1328340

Ion Ratio Lower Upper

101 100

85 41.6 33.9 50.9

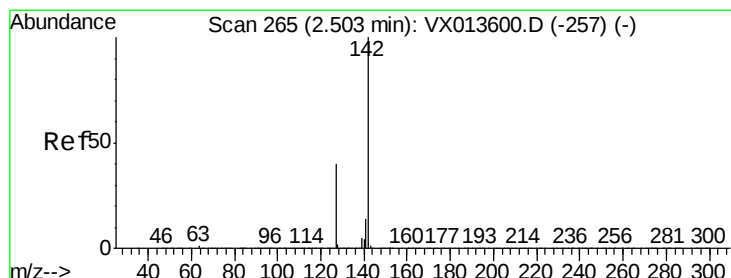
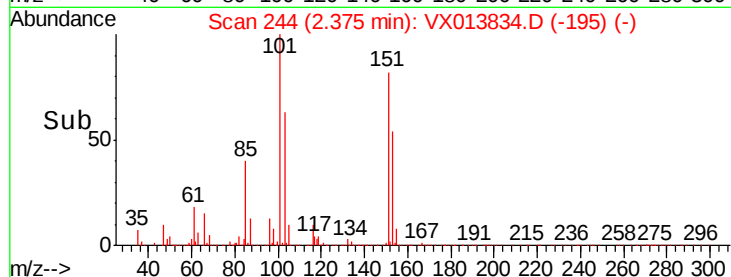
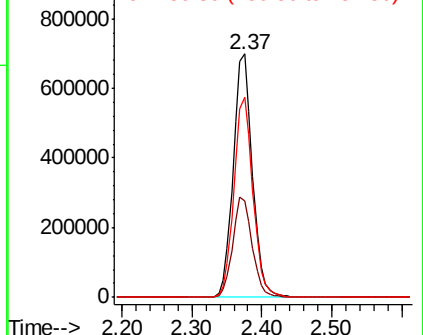
151 82.0 64.2 96.2



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: 51.460 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

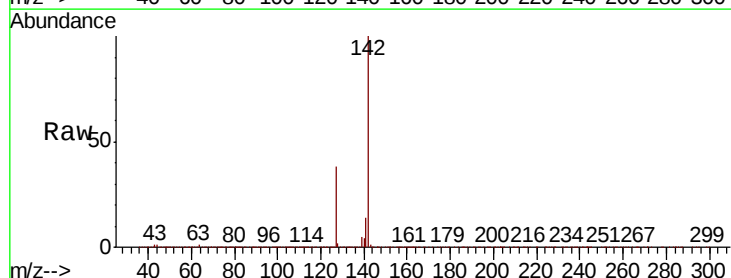
Tgt Ion:142 Resp: 326043

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

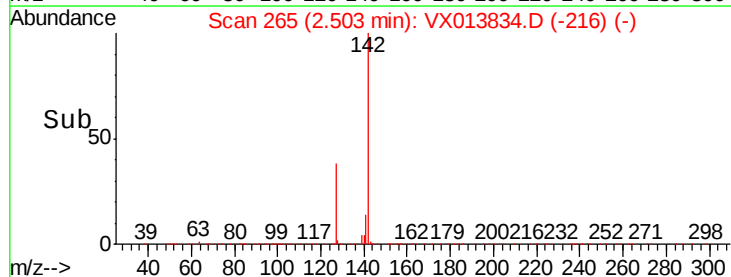
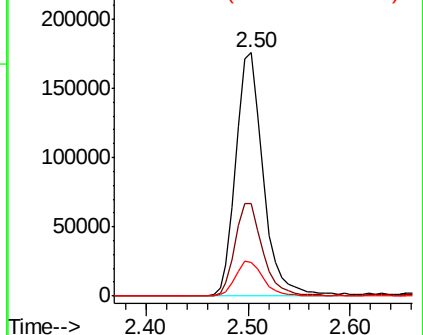
141 14.6 11.6 17.4

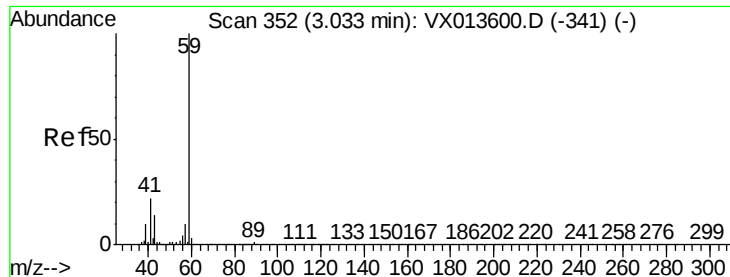


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



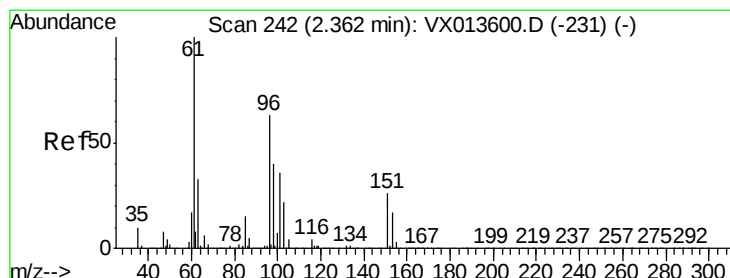
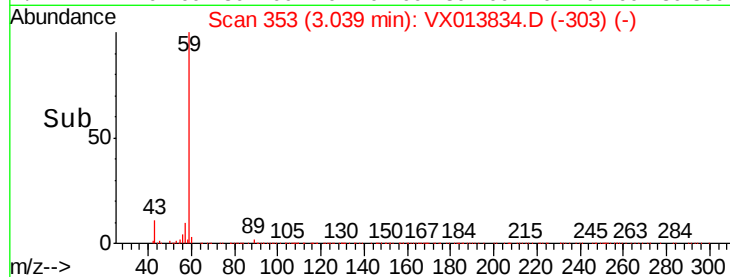
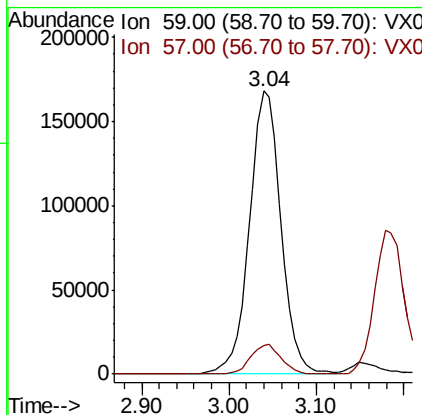
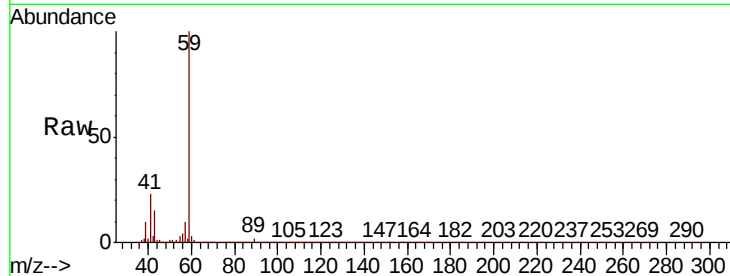


#11

Tert butyl alcohol
 Concen: 267.190 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

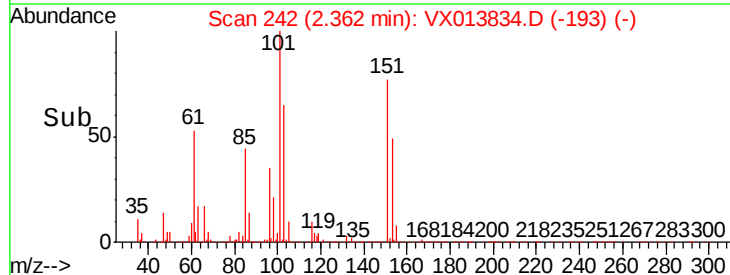
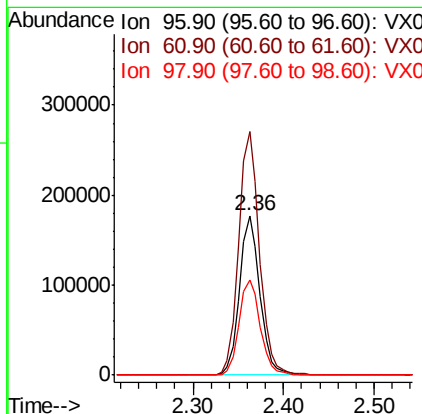
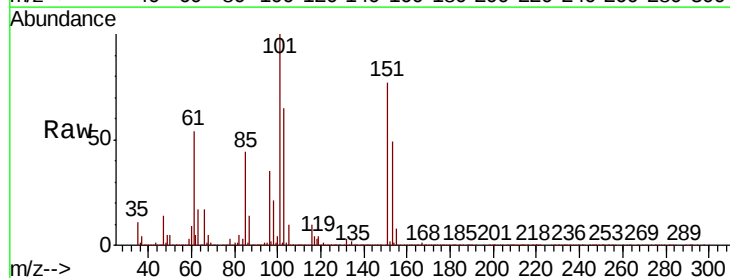
Tot Ion: 59 Resp: 420563
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

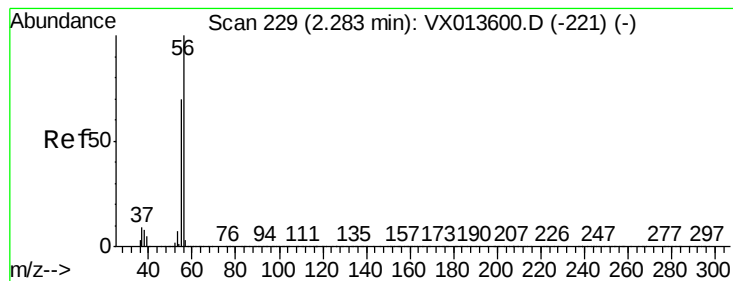


#12

1,1-Dichloroethene
 Concen: 52.421 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion: 96 Resp: 274066
 Ion Ratio Lower Upper
 96 100
 61 153.0 126.6 190.0
 98 59.9 50.6 76.0





#13

Acrolein

Concen: 296.101 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

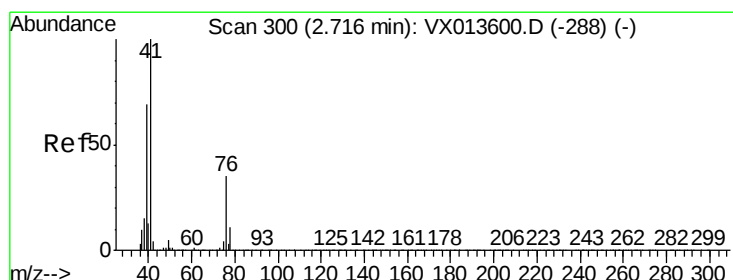
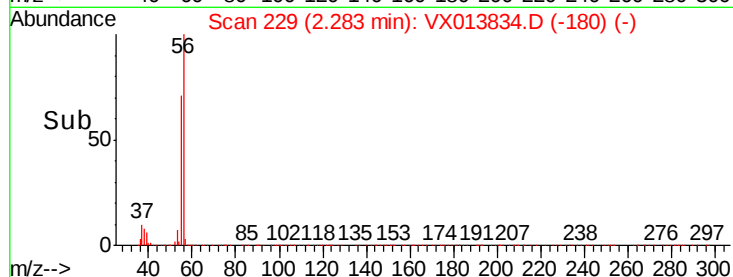
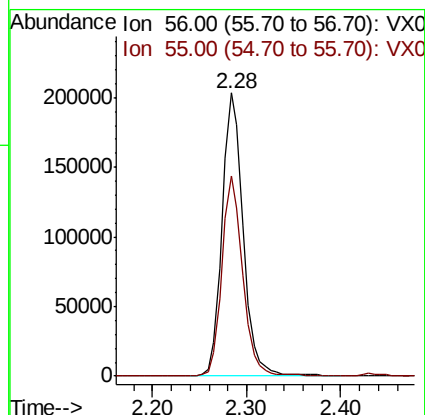
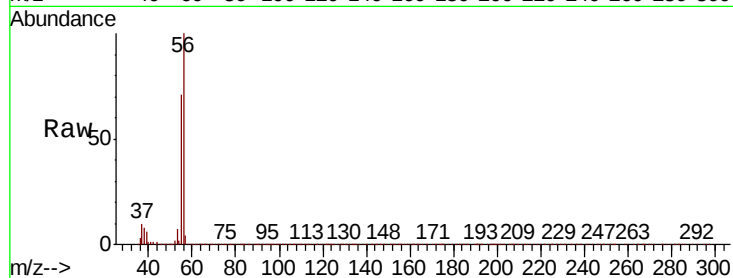
RE131D2-20191204MSD

Tot Ion: 56 Resp: 312889

Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.4



#14

Allyl chloride

Concen: 48.243 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

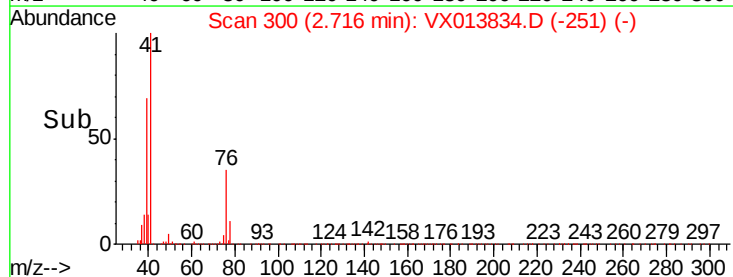
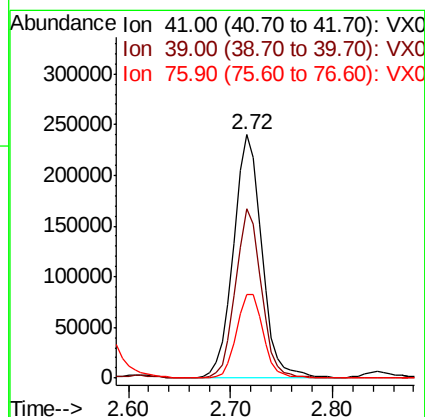
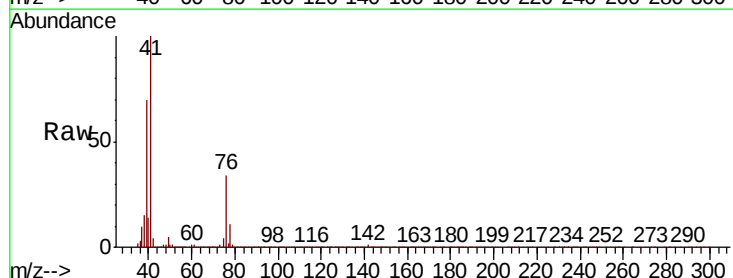
Tgt Ion: 41 Resp: 457724

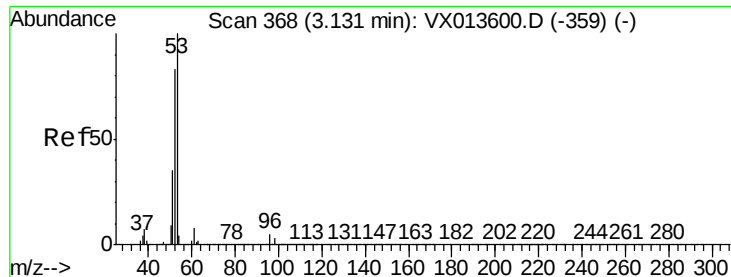
Ion Ratio Lower Upper

41 100

39 63.6 51.7 77.5

76 32.7 25.9 38.9

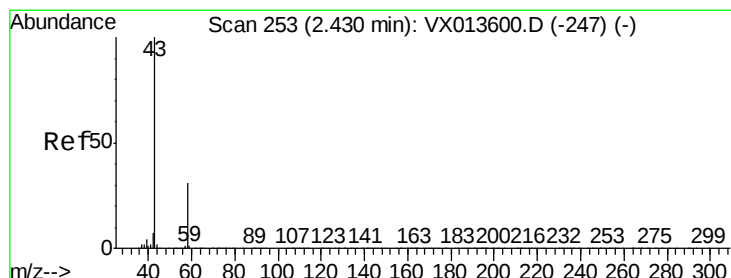
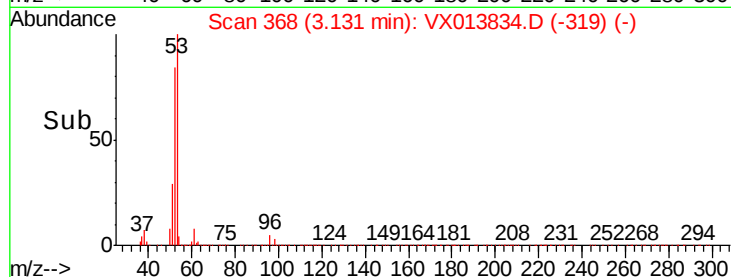
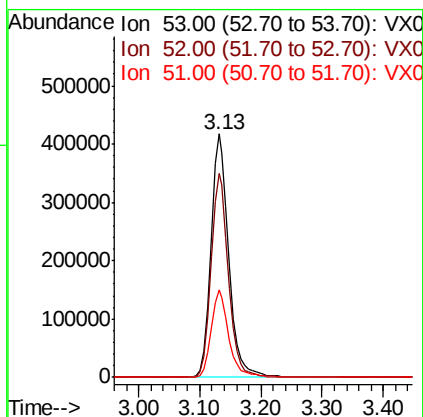
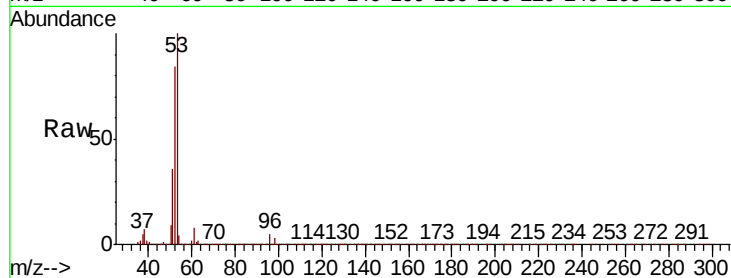




#15
 Acrylonitrile
 Concen: 263.262 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

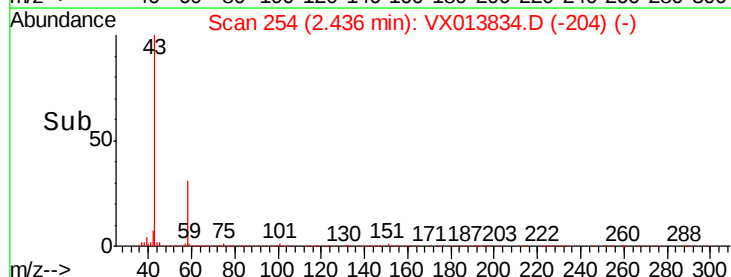
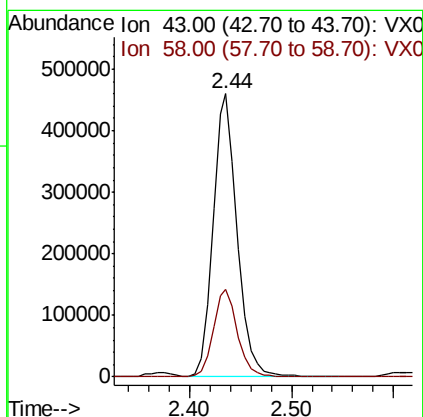
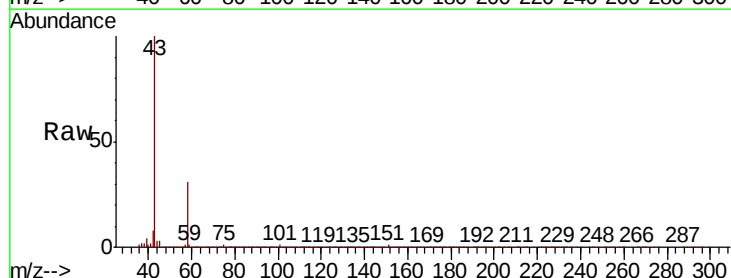
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

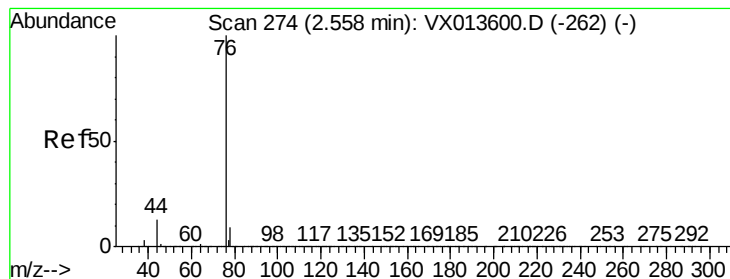
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	35.5	29.0	43.6



#16
 Acetone
 Concen: 238.264 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8





#17

Carbon Disulfide

Concen: 44.552 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

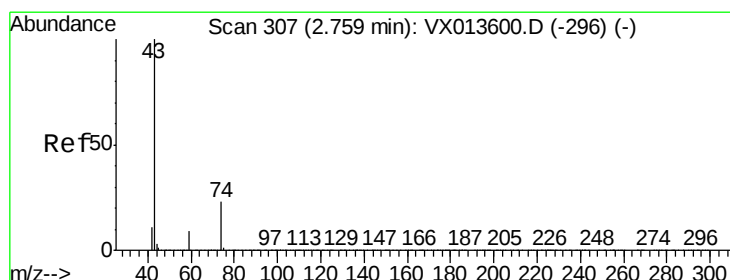
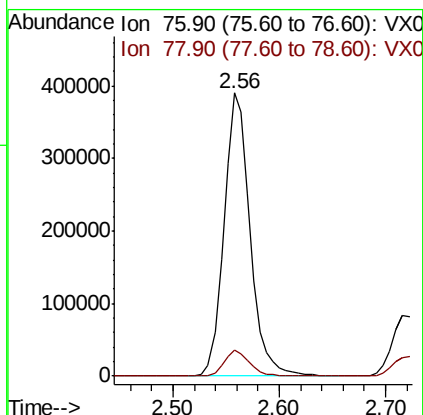
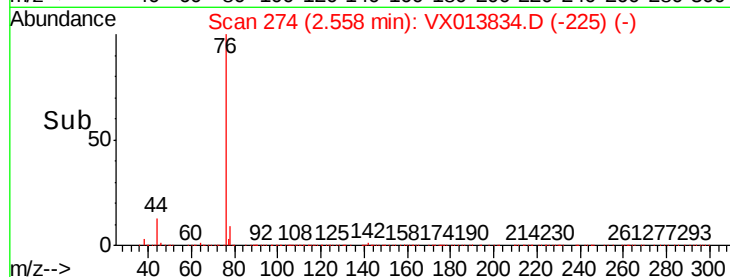
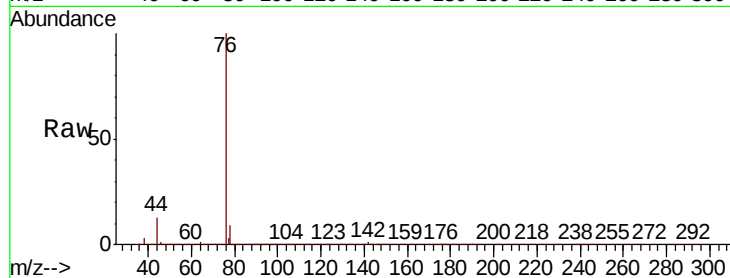
RE131D2-20191204MSD

Tot Ion: 76 Resp: 663998

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 50.355 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013834.D

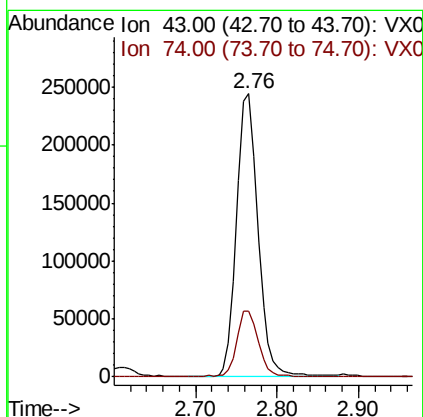
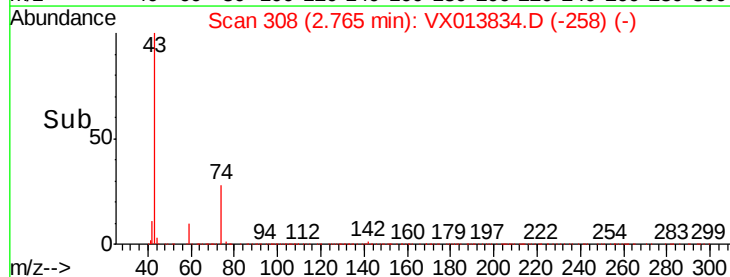
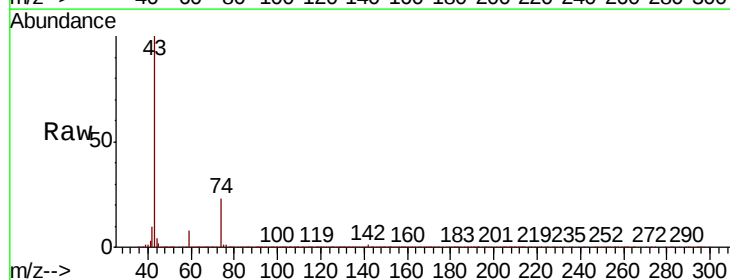
Acq: 07 Dec 2019 05:27

Tgt Ion: 43 Resp: 441462

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



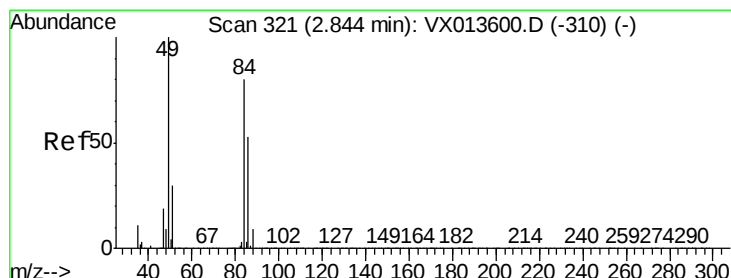
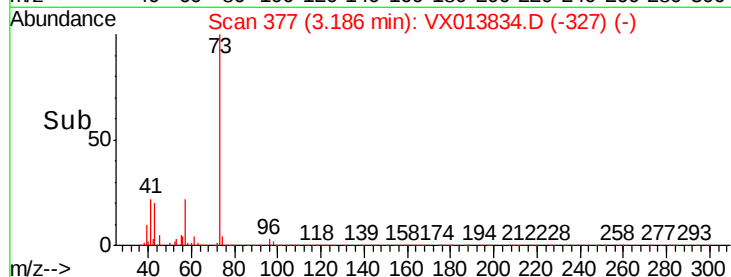
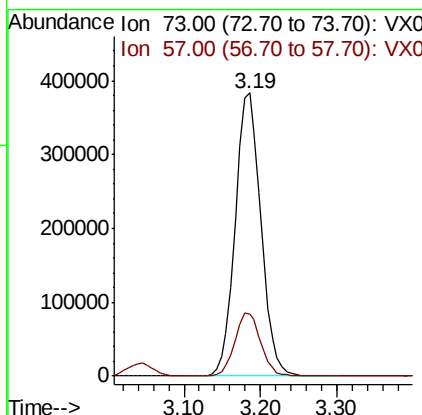
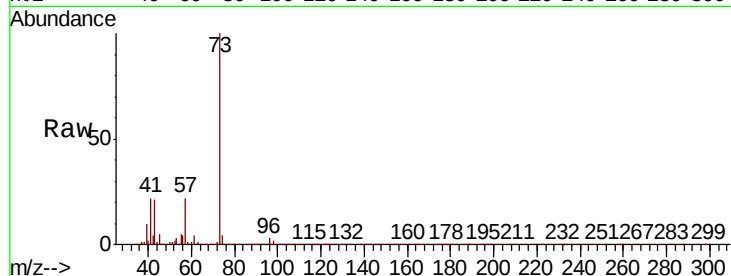


#19

Methyl tert-butyl Ether
 Concen: 51.476 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

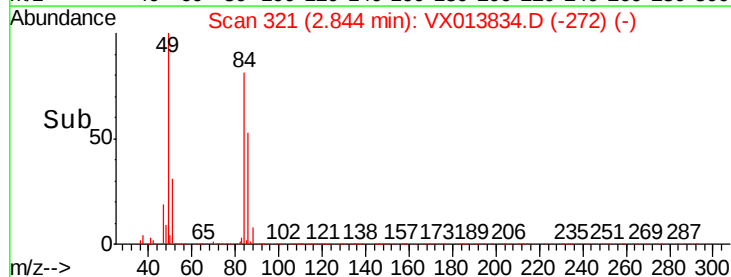
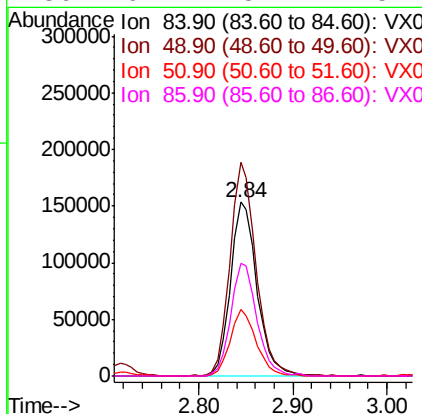
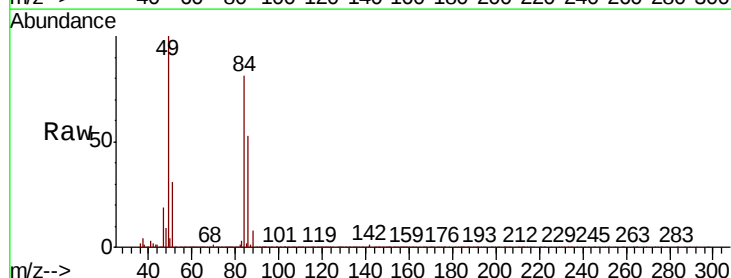
Tot Ion: 73 Resp: 891554
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.3 27.5

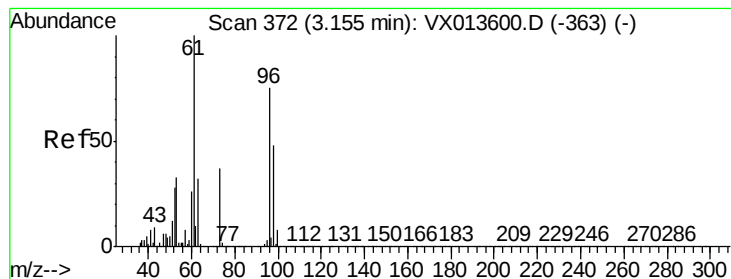


#20

Methylene Chloride
 Concen: 49.521 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion: 84 Resp: 299527
 Ion Ratio Lower Upper
 84 100
 49 122.6 99.7 149.5
 51 37.8 29.9 44.9
 86 64.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.802 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

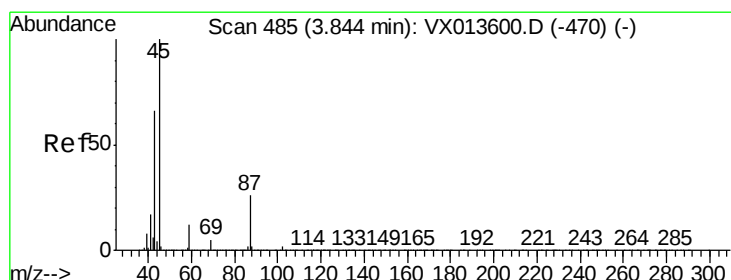
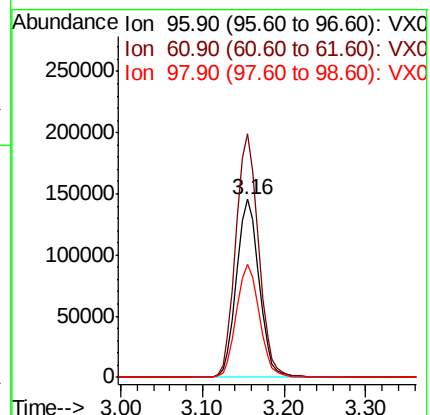
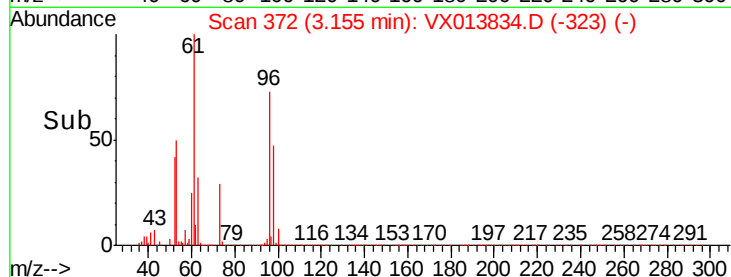
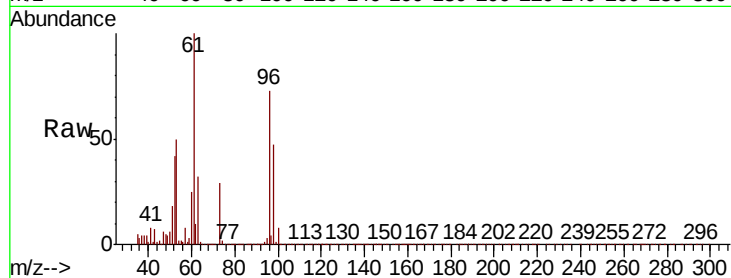
Tot Ion: 96 Resp: 277954

Ion Ratio Lower Upper

96 100

61 136.6 107.2 160.8

98 63.8 51.4 77.0



#22

Diisopropyl ether

Concen: 52.689 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion: 45 Resp: 962571

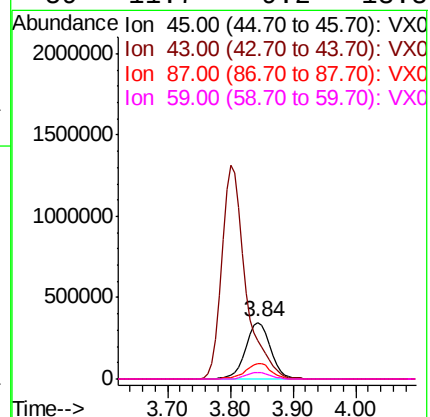
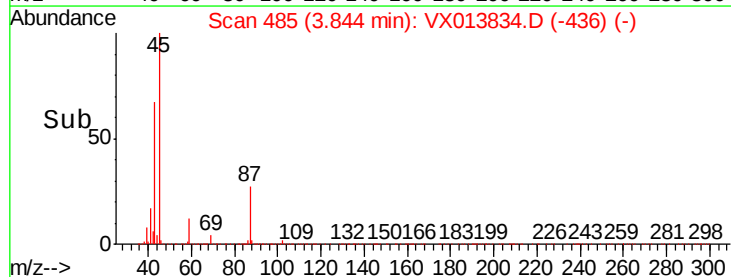
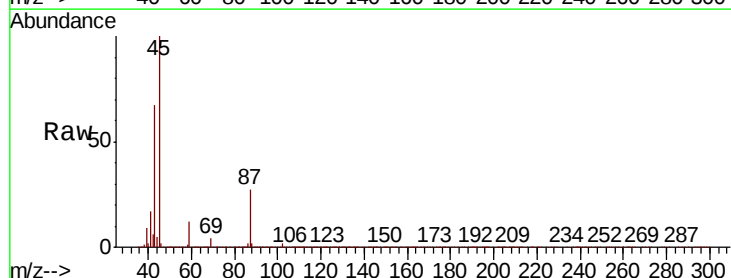
Ion Ratio Lower Upper

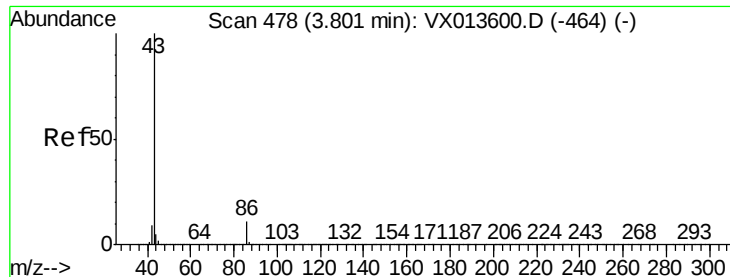
45 100

43 67.0 52.6 79.0

87 27.4 21.1 31.7

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 227.077 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

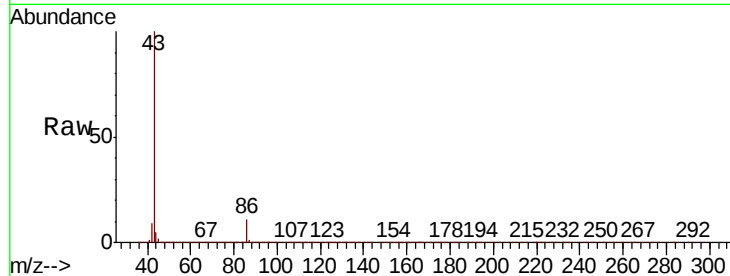
RE131D2-20191204MSD

Tot Ion: 43 Resp: 3451110

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

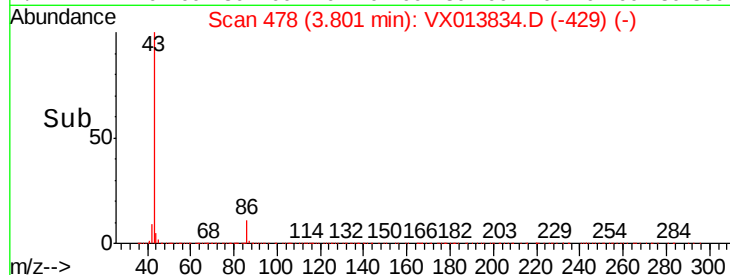
1500000

1000000

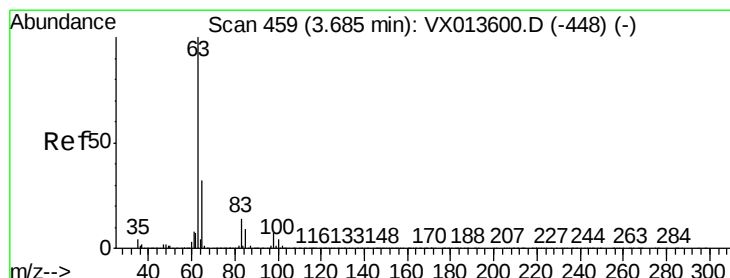
500000

0

3.70 3.80 3.90 4.00



Time-->



#24

1,1-Dichloroethane

Concen: 51.934 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

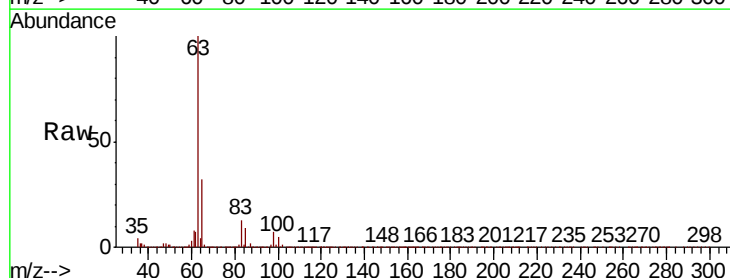
Tgt Ion: 63 Resp: 518667

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

250000

200000

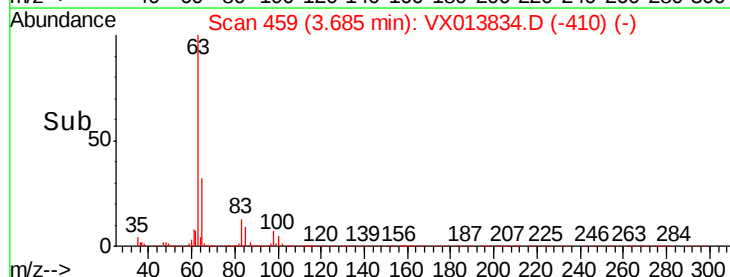
150000

100000

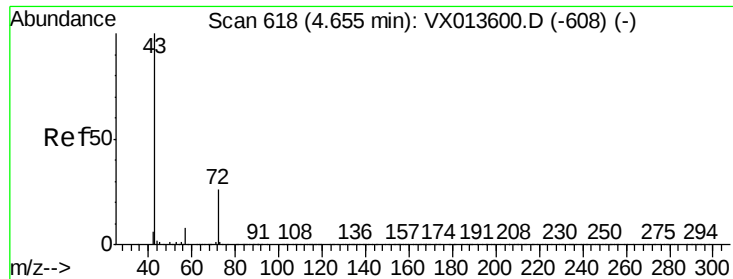
50000

0

3.60 3.70 3.80



Time-->



#25

2-Butanone

Concen: 259.812 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

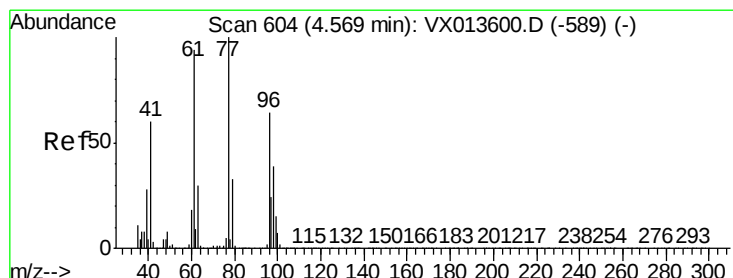
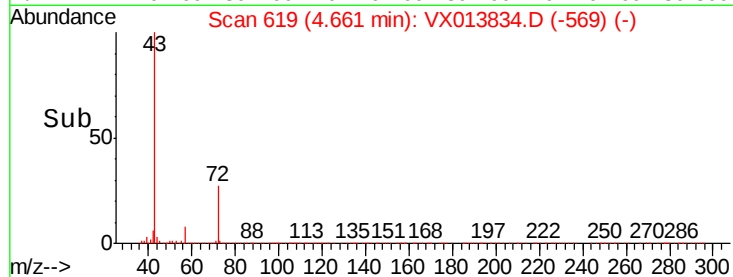
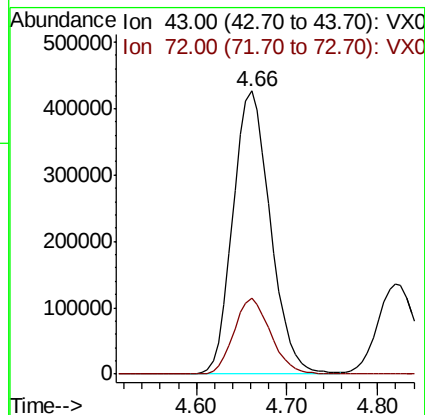
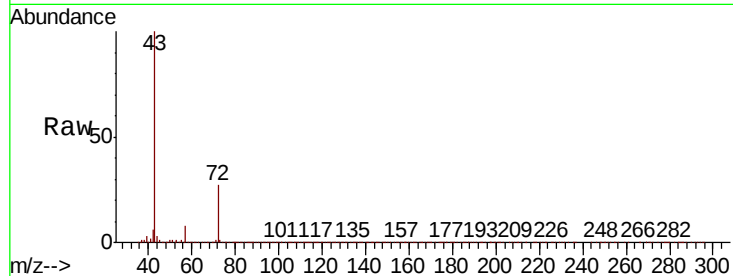
RE131D2-20191204MSD

Tot Ion: 43 Resp: 1215675

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 32.329 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013834.D

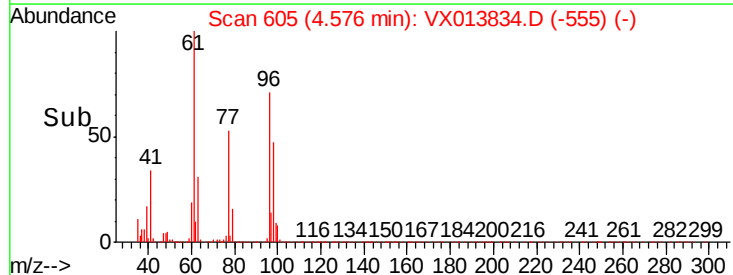
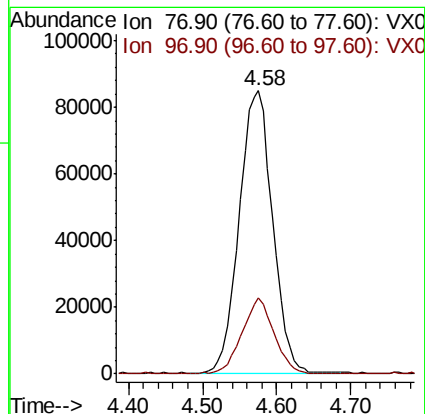
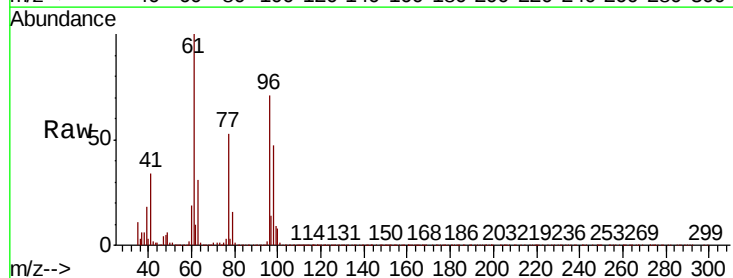
Acq: 07 Dec 2019 05:27

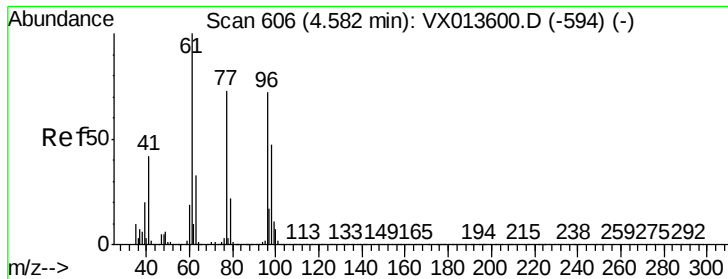
Tgt Ion: 77 Resp: 267136

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1



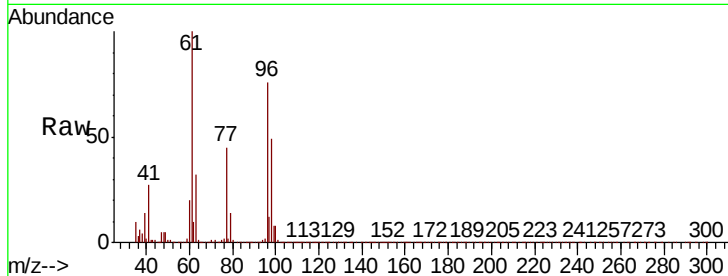


#27

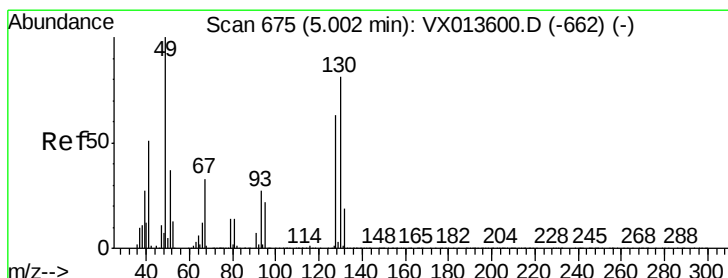
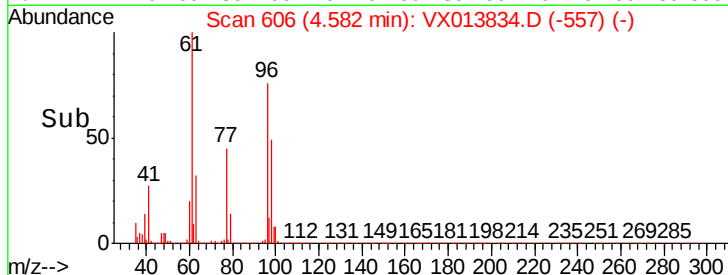
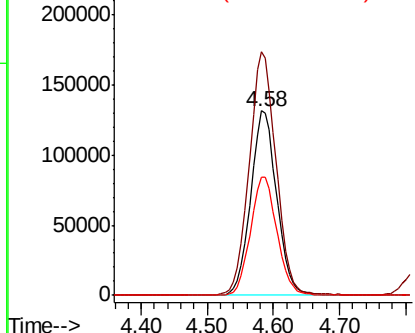
cis-1,2-Dichloroethene
Concen: 55.454 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	286.4
98	64.8	0.0	127.4



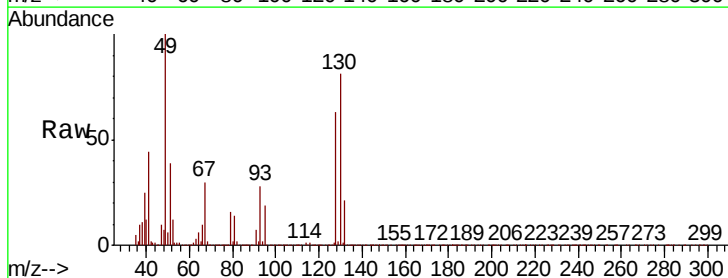
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



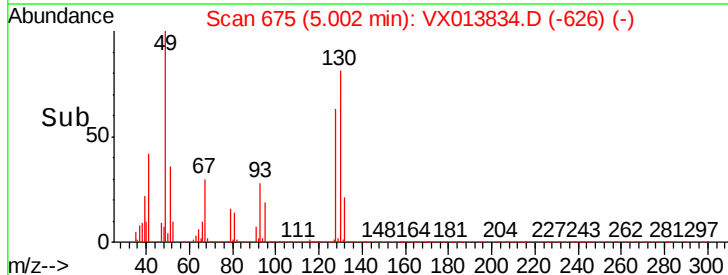
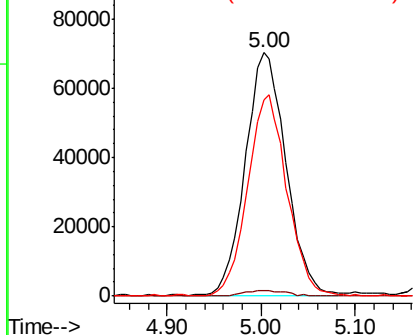
#28

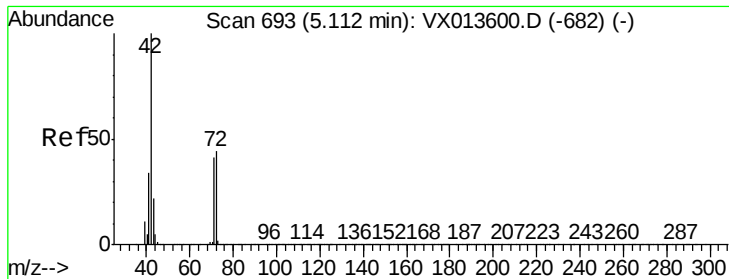
Bromochloromethane
Concen: 53.760 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	79.8	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

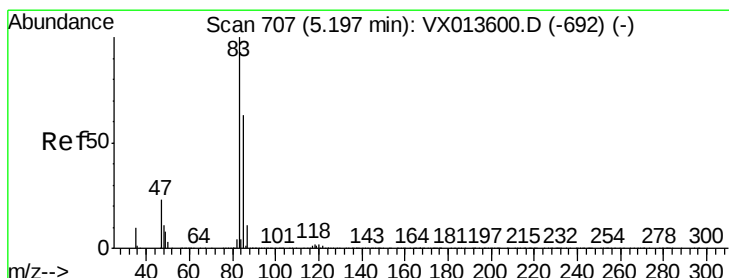
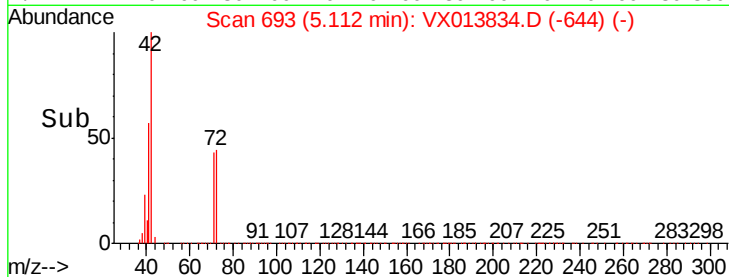
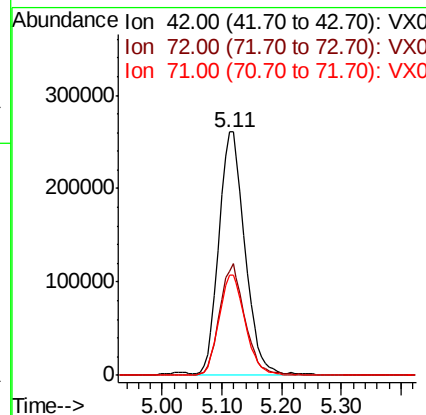
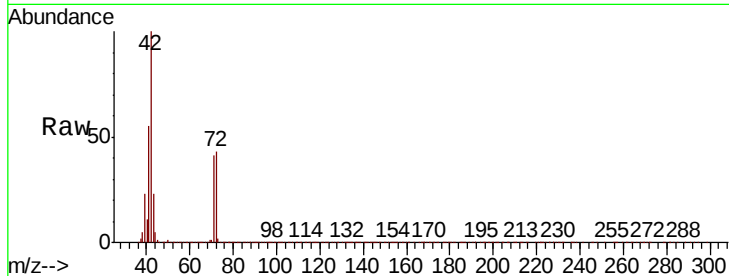




#29
Tetrahydrofuran
Concen: 272.484 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

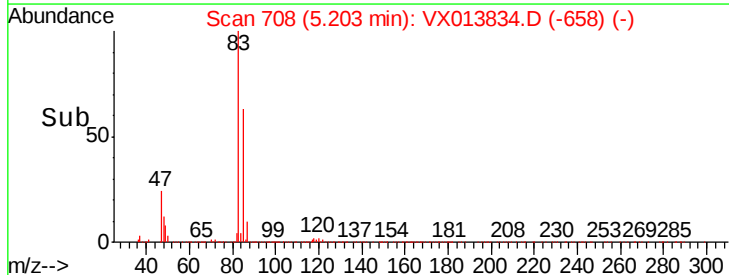
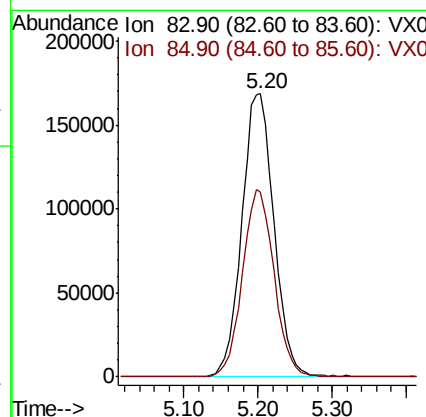
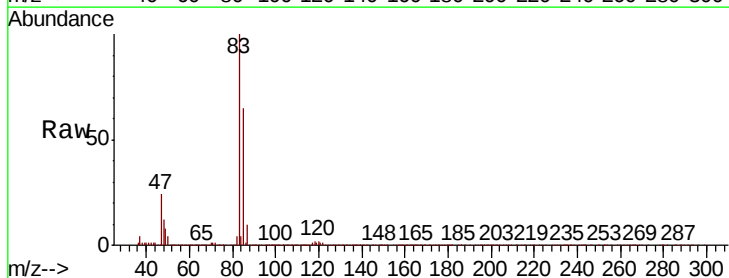
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

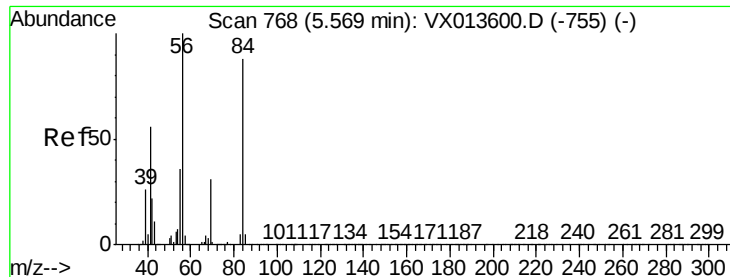
Tot Ion: 42 Resp: 785977
Ion Ratio Lower Upper
42 100
72 44.7 36.3 54.5
71 41.6 33.2 49.8



#30
Chloroform
Concen: 50.231 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 83 Resp: 508762
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4

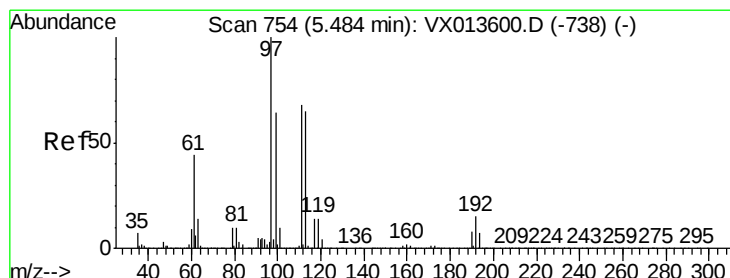
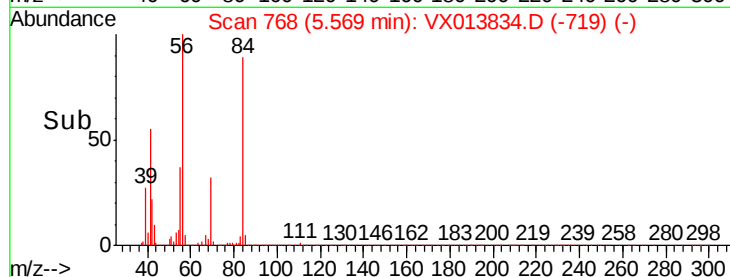
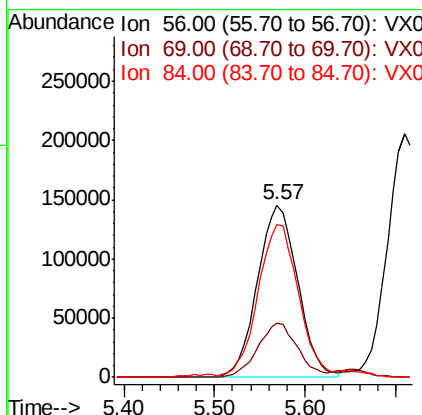
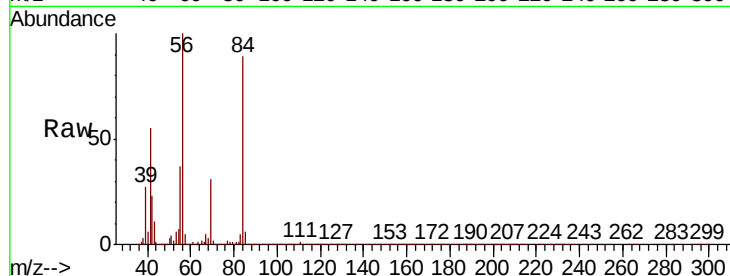




#31
Cyclohexane
Concen: 47.384 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

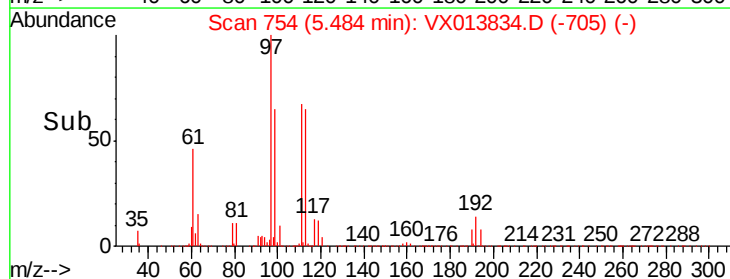
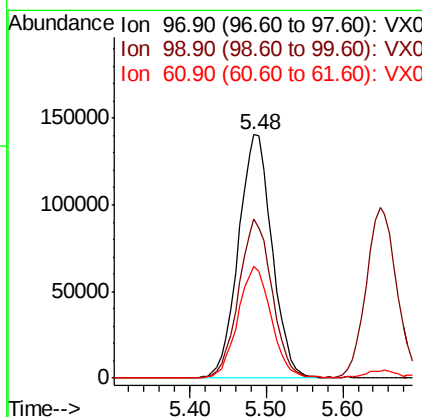
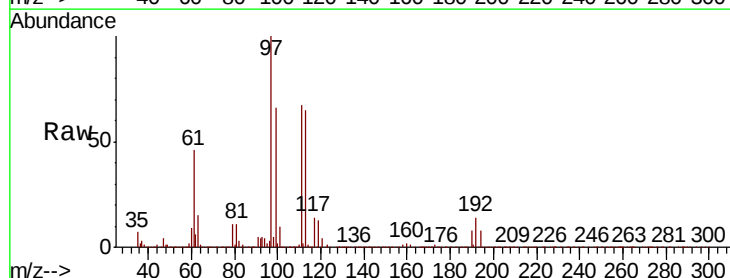
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

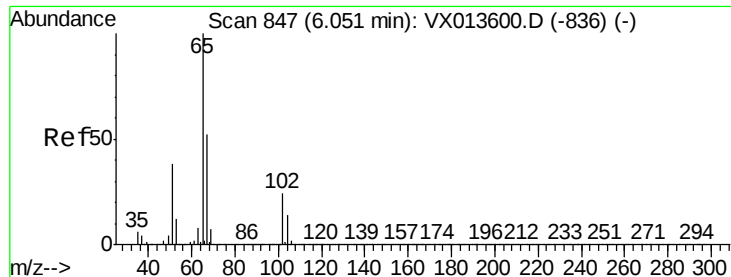
Tot Ion: 56 Resp: 446352
Ion Ratio Lower Upper
56 100
69 31.4 24.6 36.8
84 87.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.516 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 97 Resp: 427562
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 45.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

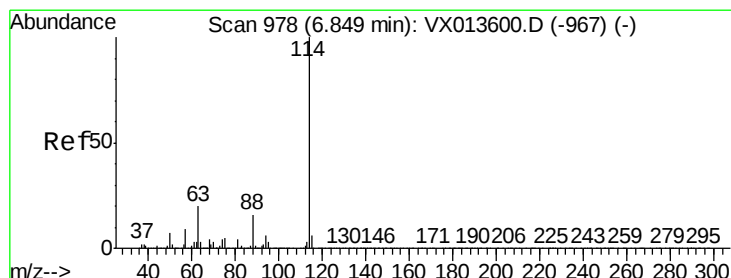
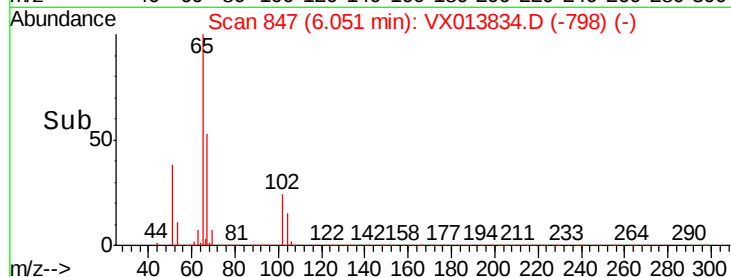
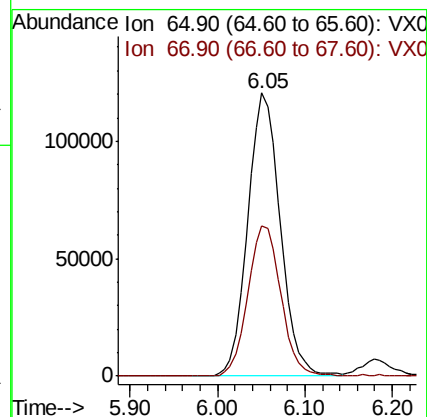
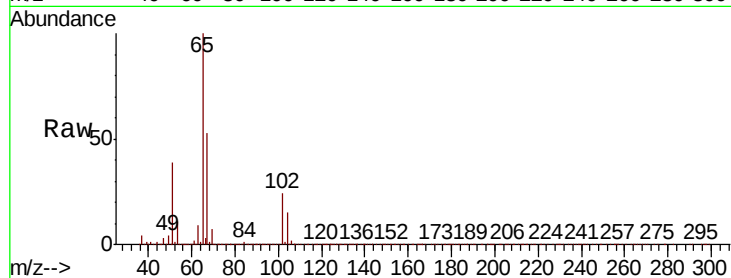
RE131D2-20191204MSD

Tot Ion: 65 Resp: 309612

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

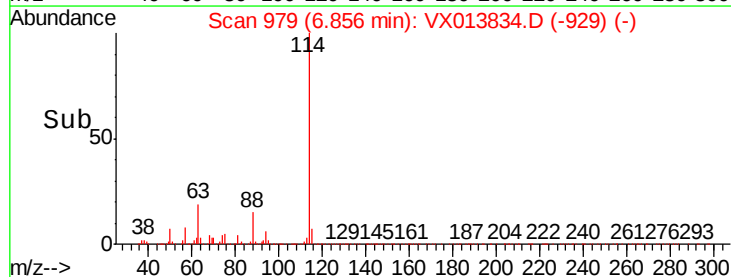
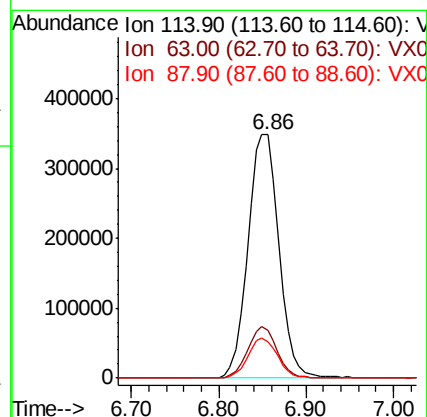
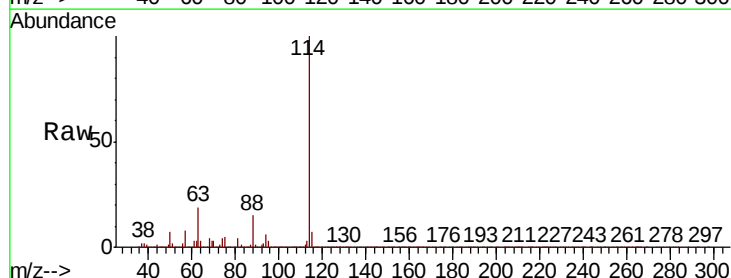
Tgt Ion: 114 Resp: 854155

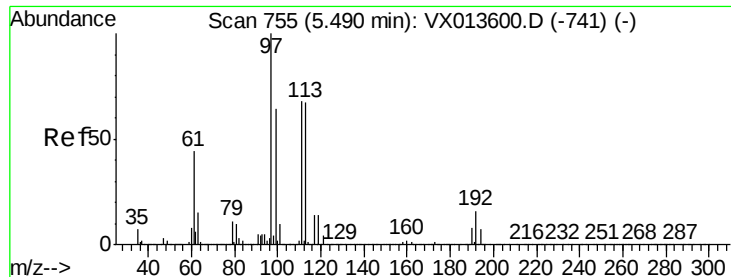
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 14.9 0.0 31.4

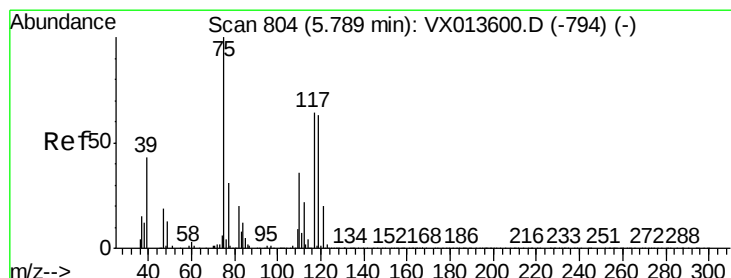
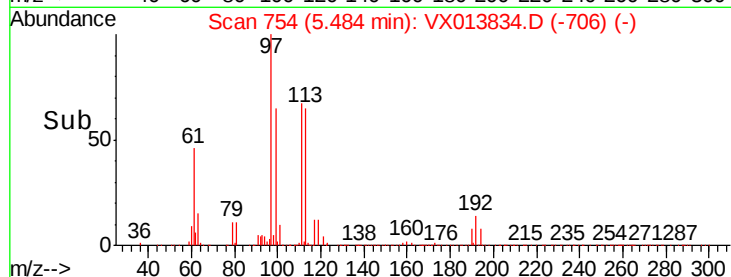
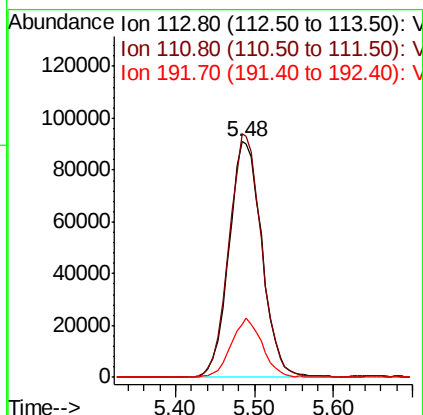
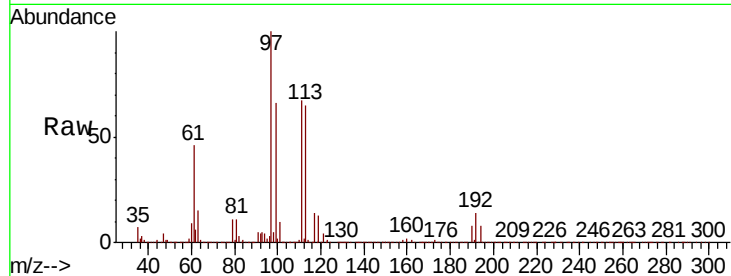




#35
Dibromofluoromethane
Concen: 49.688 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

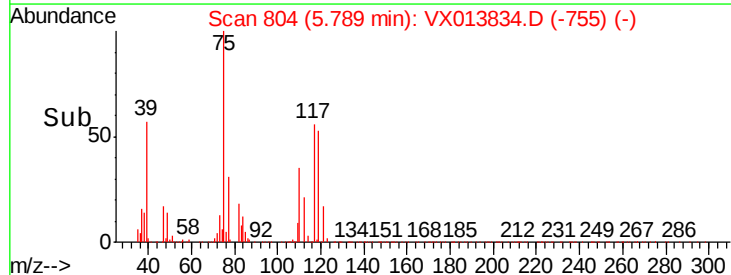
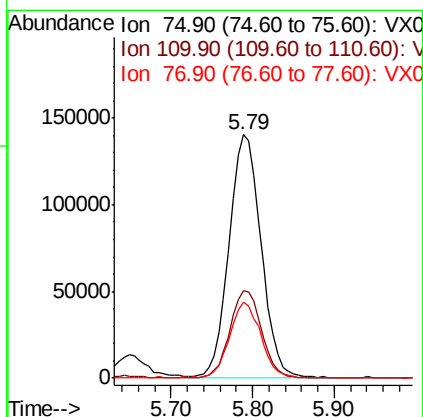
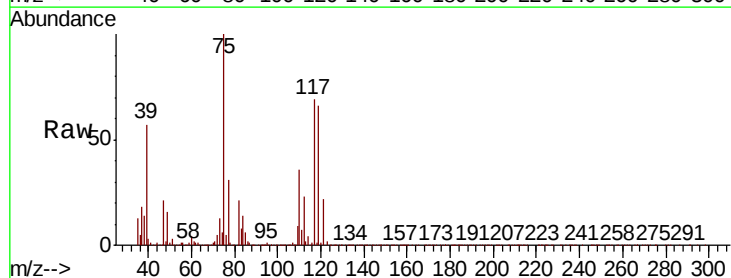
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

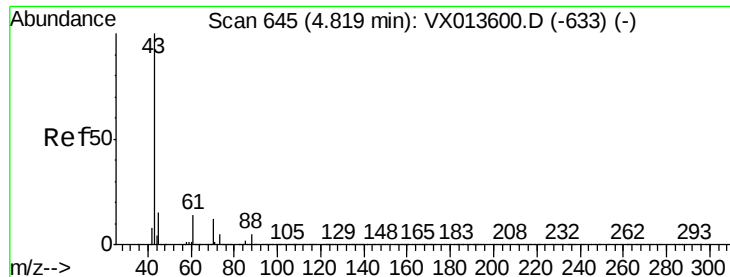
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 48.824 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.1
77	29.8	24.5	36.7

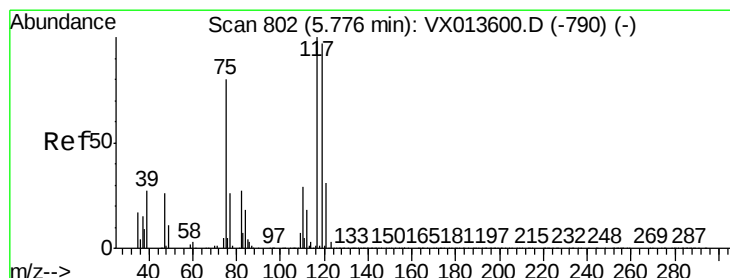
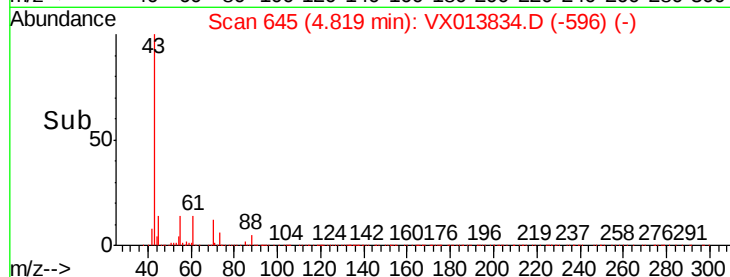
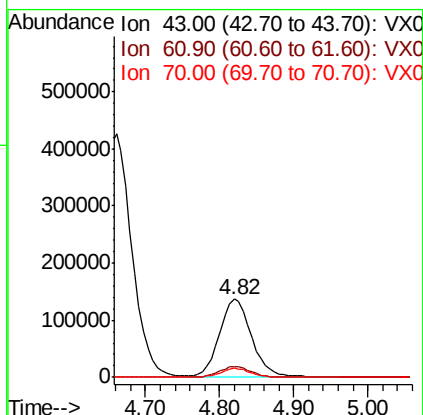
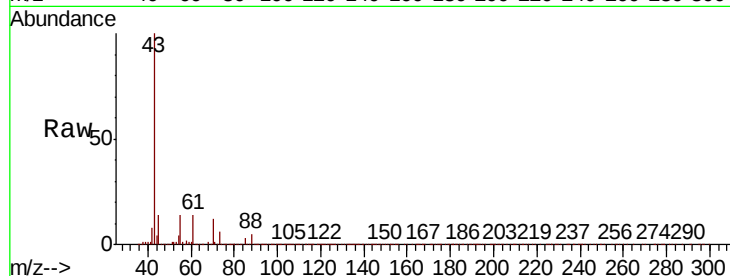




#37
Ethyl Acetate
Concen: 46.797 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

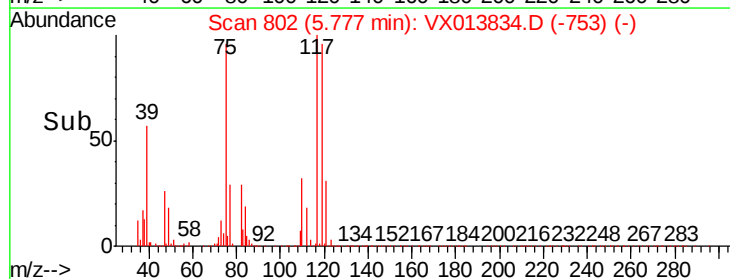
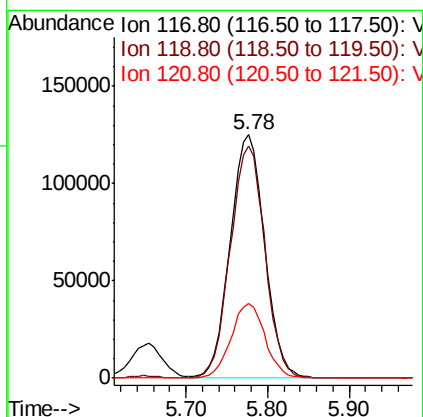
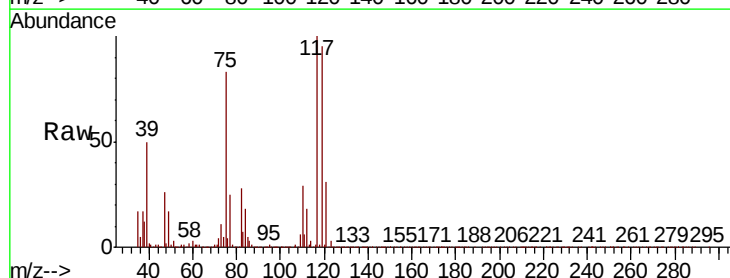
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

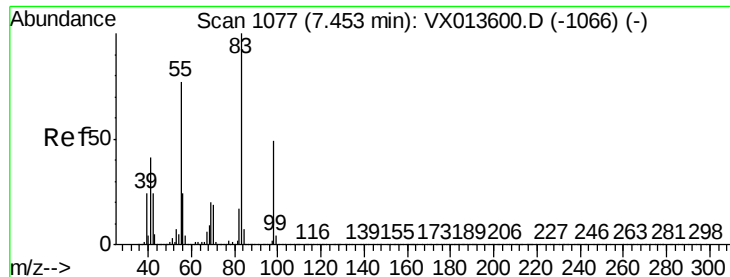
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.760 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
121	30.4	25.0	37.6

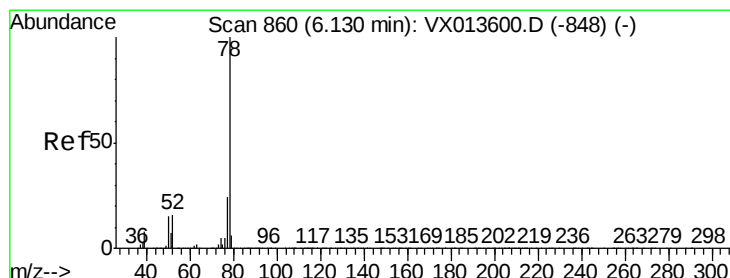
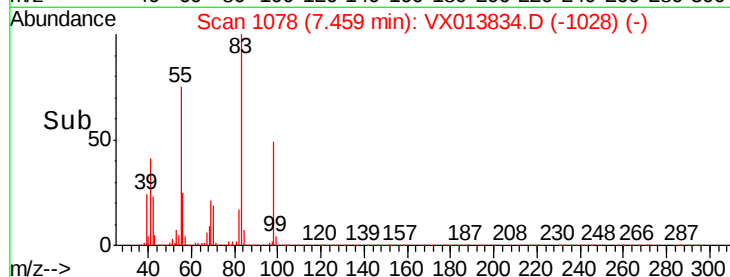
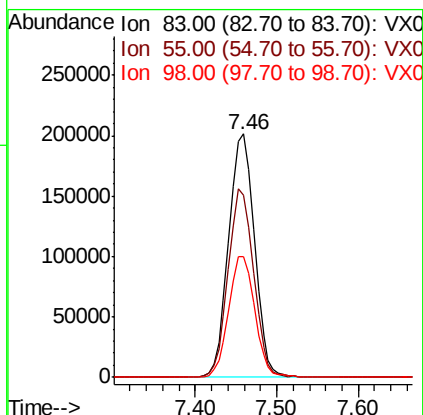
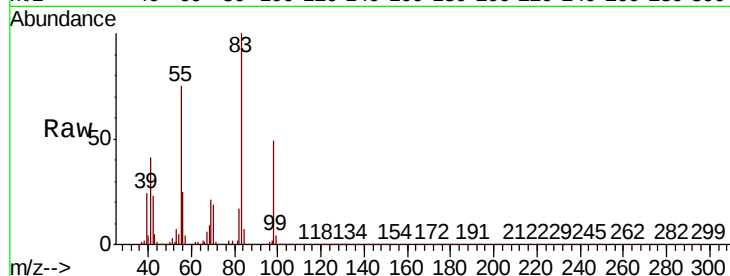




#39
Methvlcvclohexane
Concen: 46.008 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

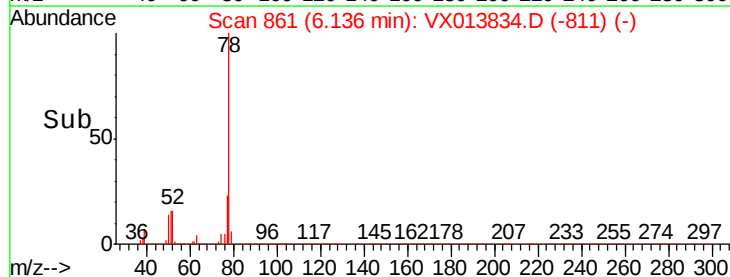
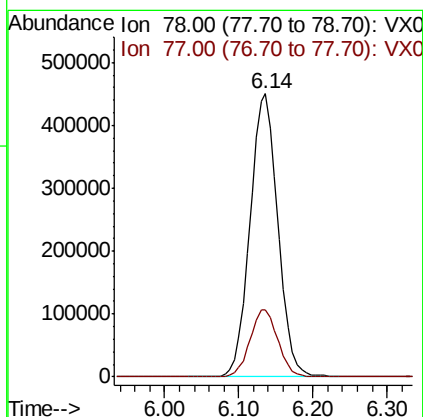
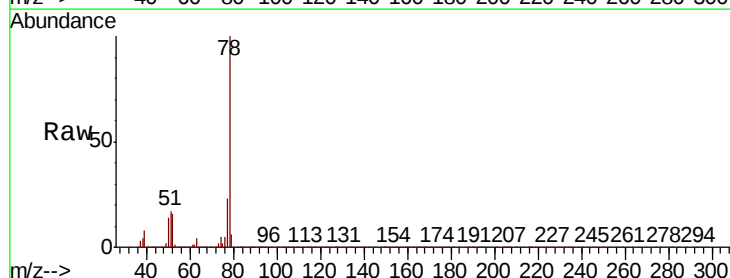
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

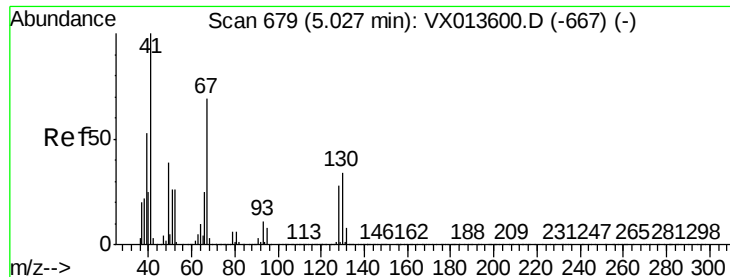
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.9	92.9
98	49.3	39.4	59.0



#40
Benzene
Concen: 50.006 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

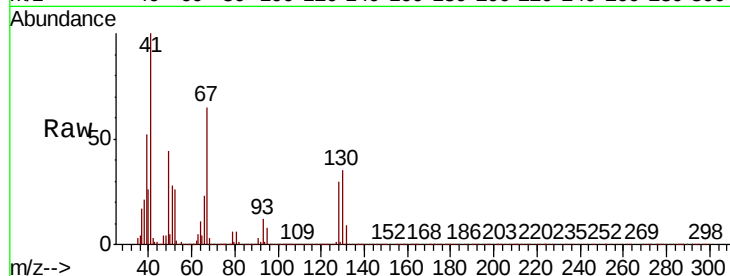




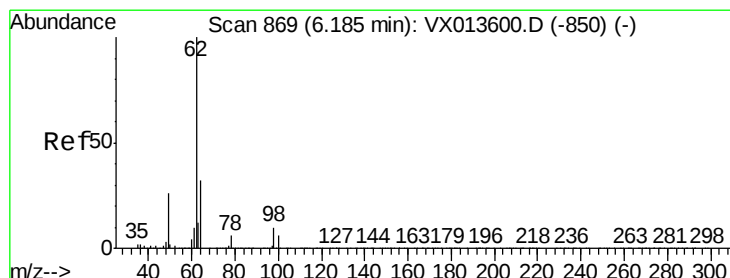
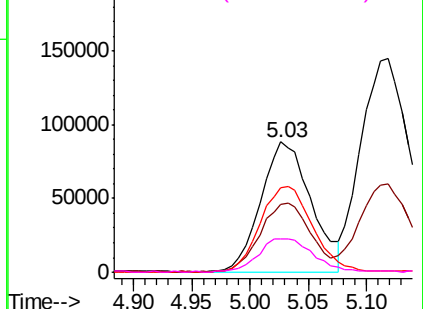
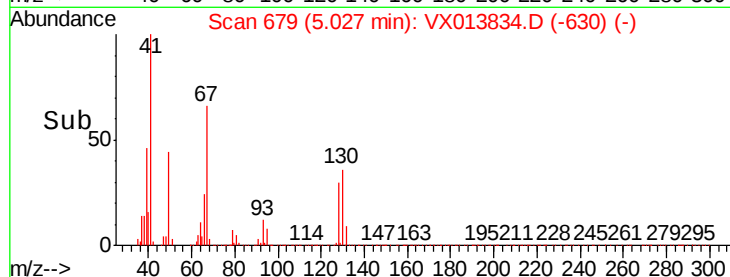
#41
Methacrylonitrile
Concen: 55.960 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion:	41	Resp:	266948
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.9	64.3
67	67.7	57.4	86.0
52	26.9	22.4	33.6

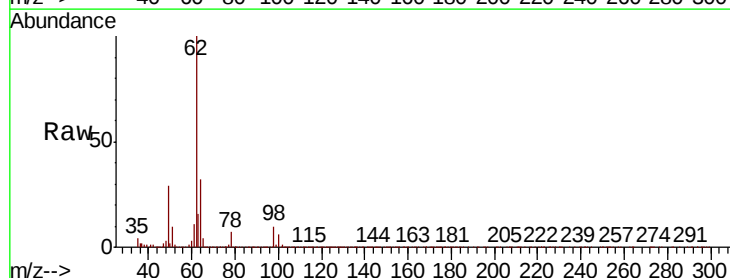


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

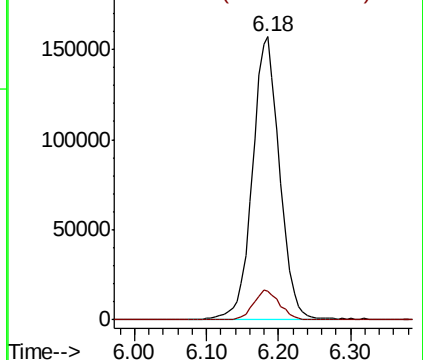
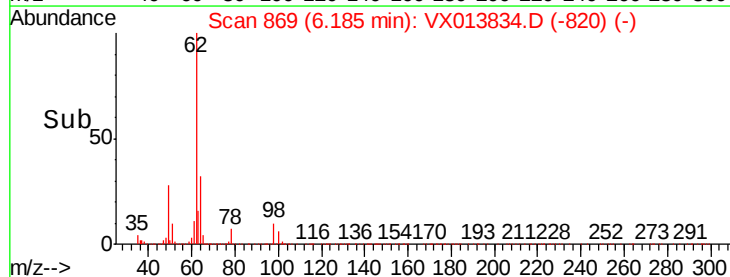


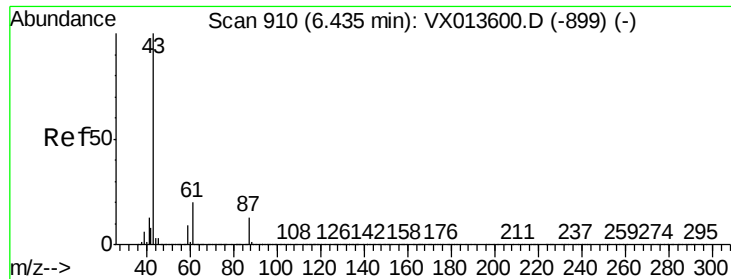
#42
1,2-Dichloroethane
Concen: 51.113 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion:	62	Resp:	411643
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8



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



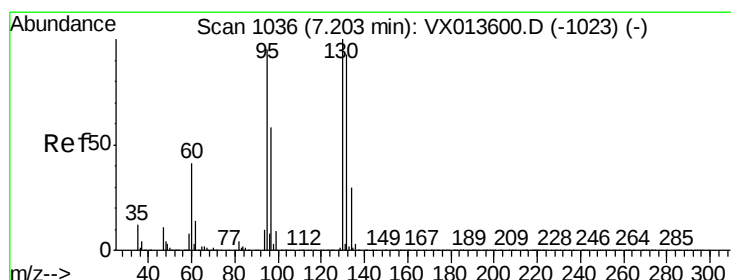
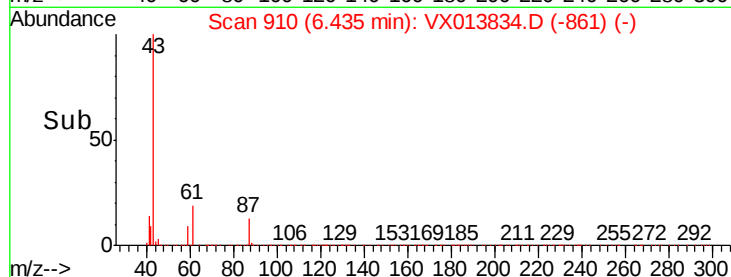
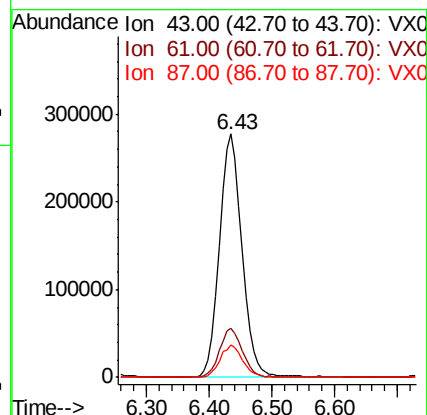
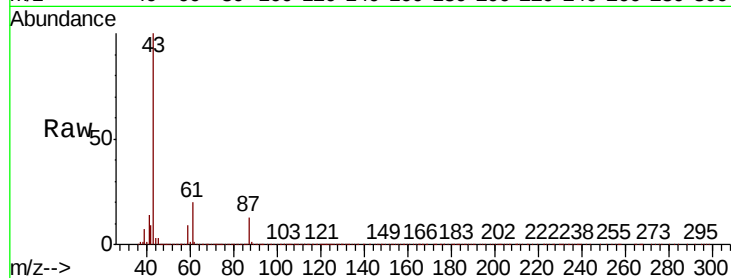


#43

Isopropyl Acetate
 Concen: 47.954 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

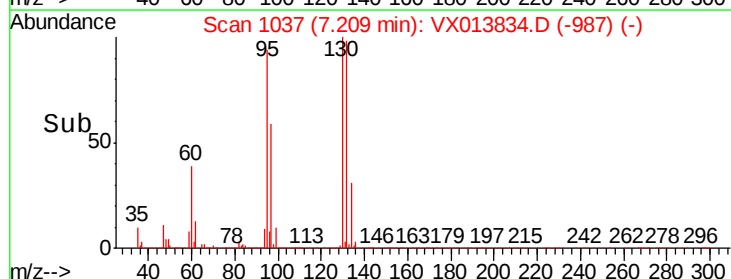
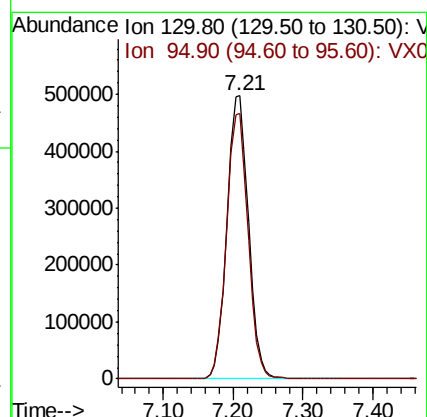
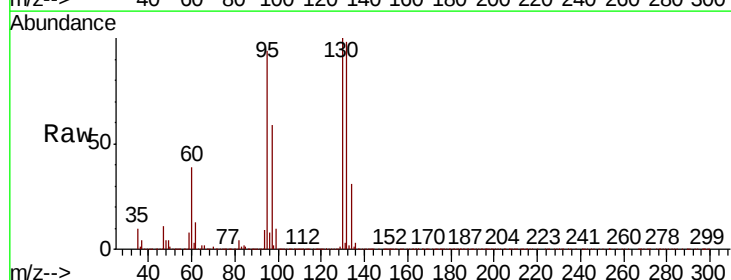
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.4	10.8	16.2



#44

Trichloroethene
 Concen: 164.410 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 52.225 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

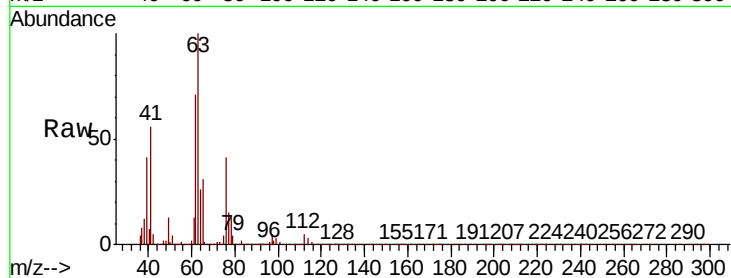
RE131D2-20191204MSD

Tot Ion: 63 Resp: 308563

Ion Ratio Lower Upper

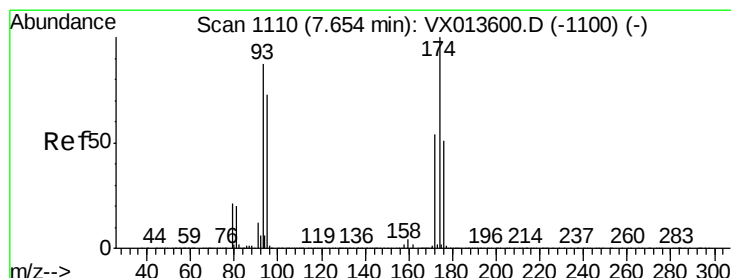
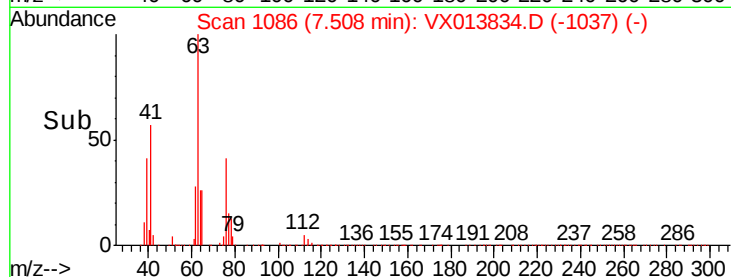
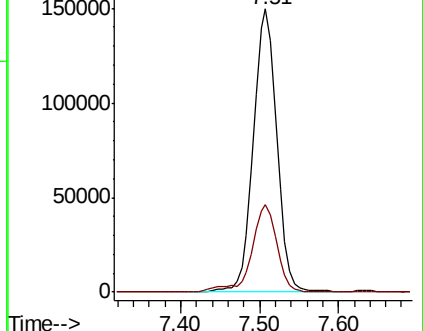
63 100

65 31.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.541 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

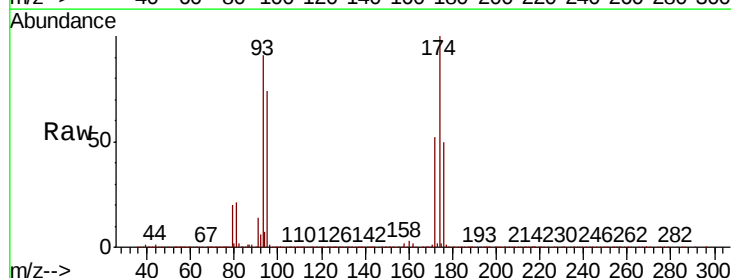
Tgt Ion: 93 Resp: 202811

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

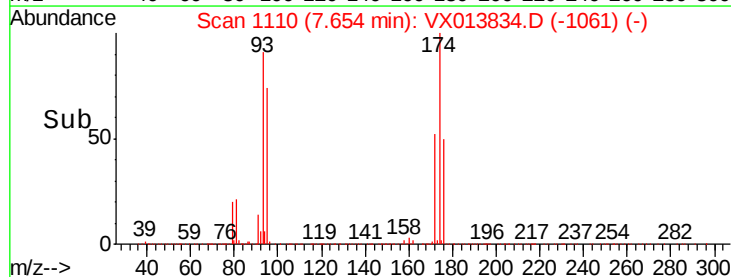
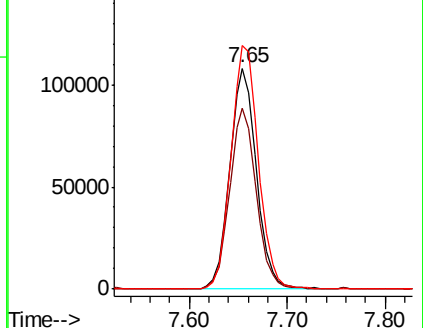
174 114.5 93.4 140.0

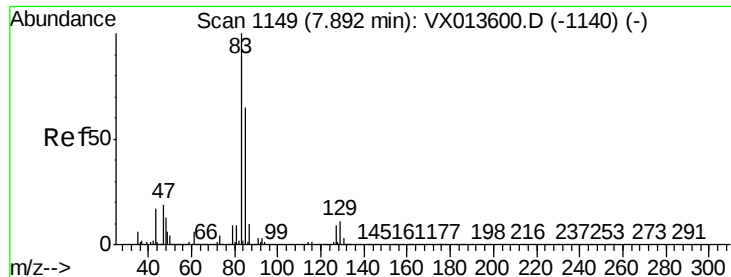


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.838 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

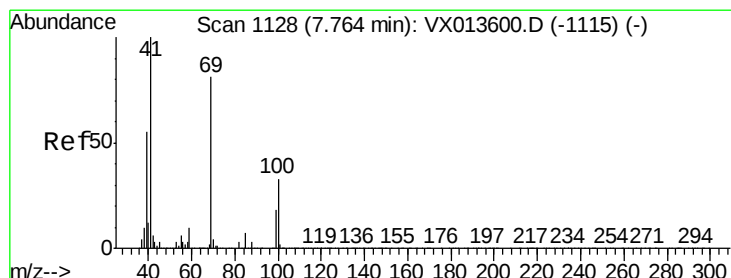
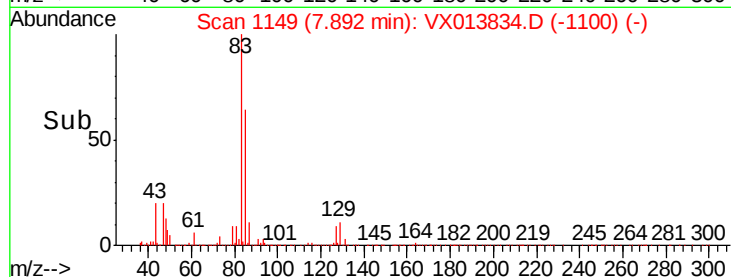
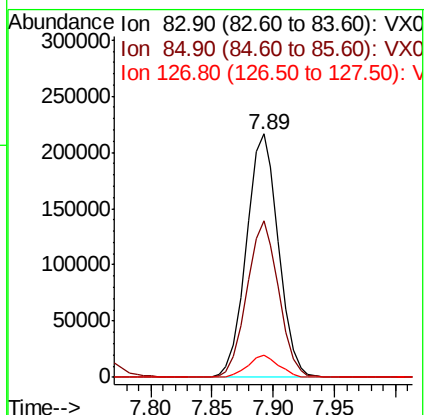
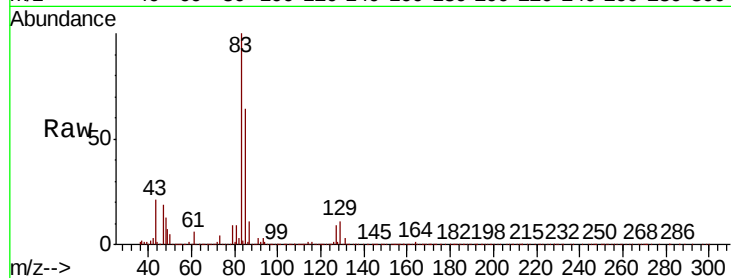
Tot Ion: 83 Resp: 393247

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 53.030 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

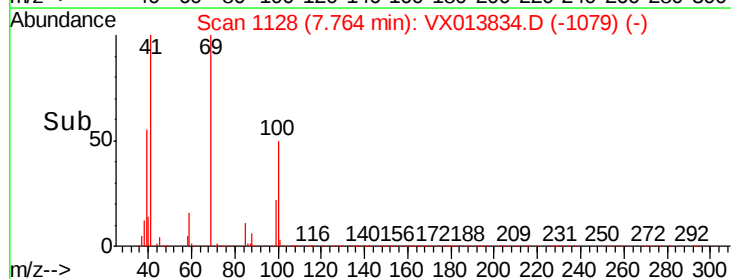
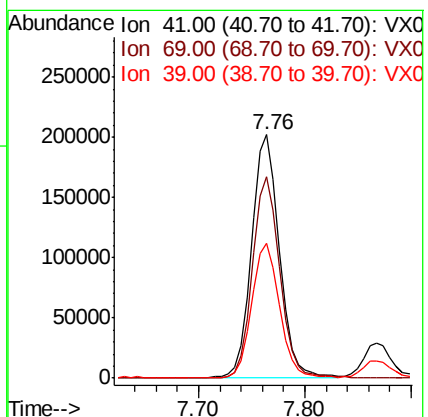
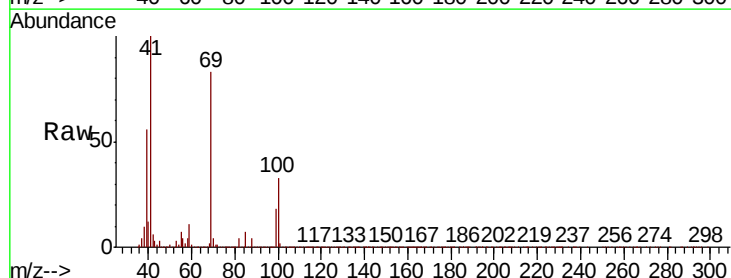
Tgt Ion: 41 Resp: 368975

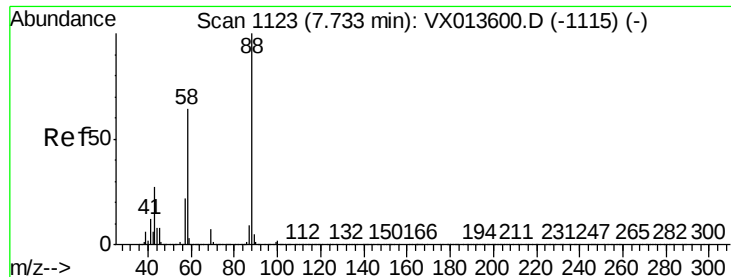
Ion Ratio Lower Upper

41 100

69 81.7 64.7 97.1

39 55.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1128.182 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

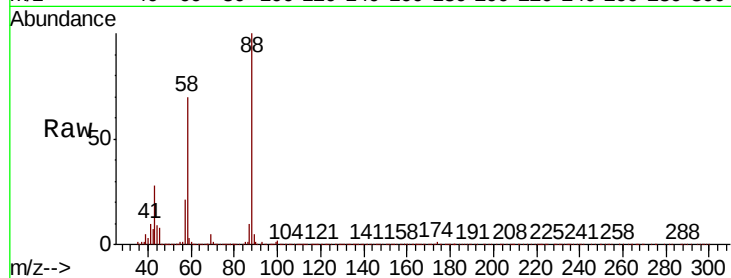
MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 88 Resp: 175707

Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.8	38.6
58	69.8	54.6	82.0

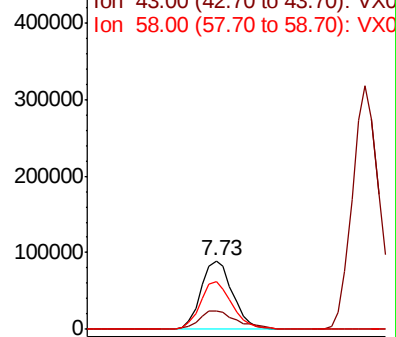


Abundance

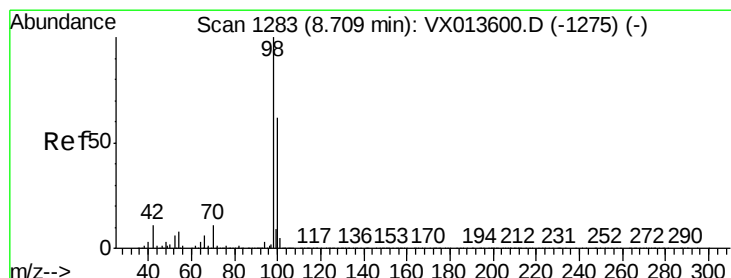
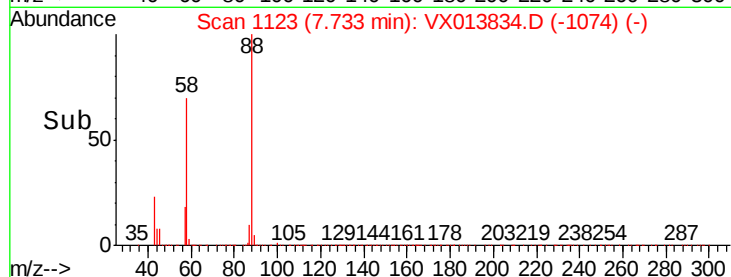
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.639 ug/l

RT: 8.71 min Scan# 1283

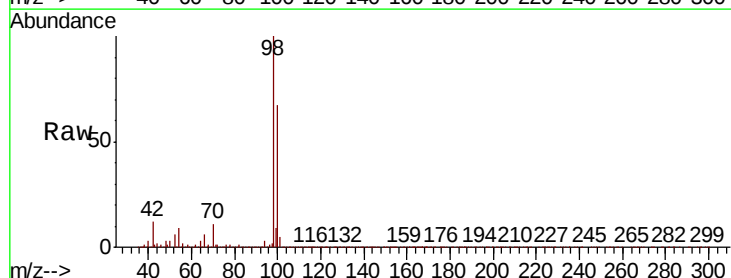
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion: 98 Resp: 980095

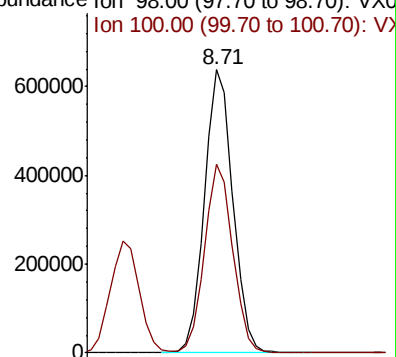
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7



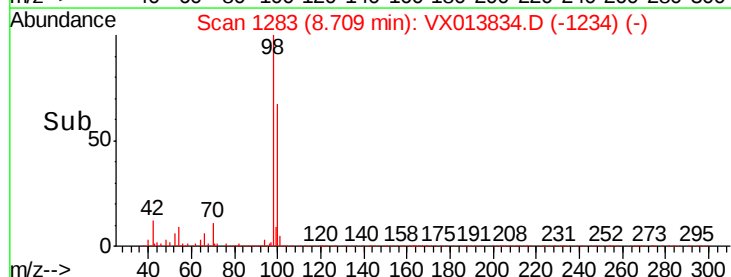
Abundance

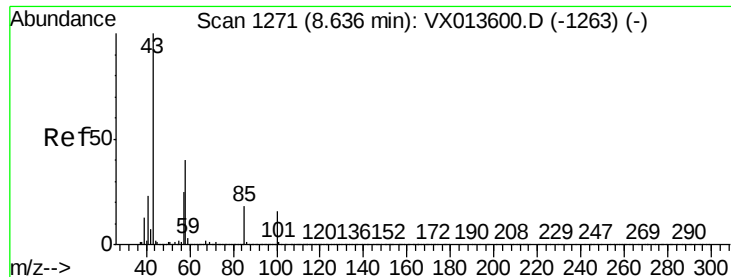
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->

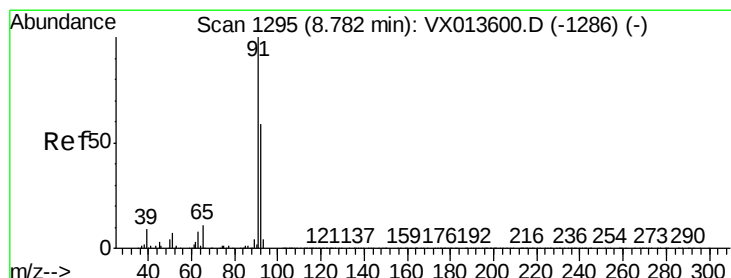
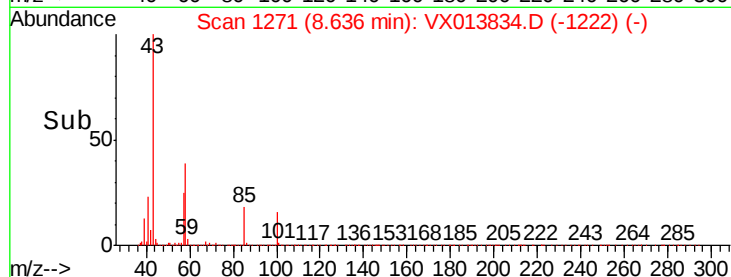
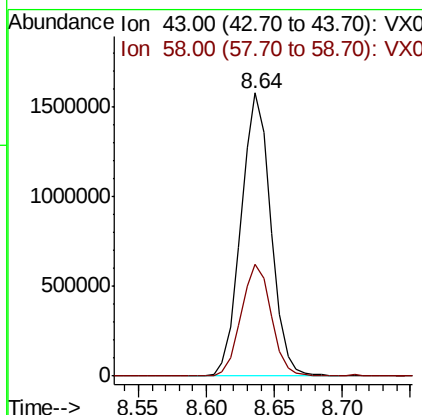
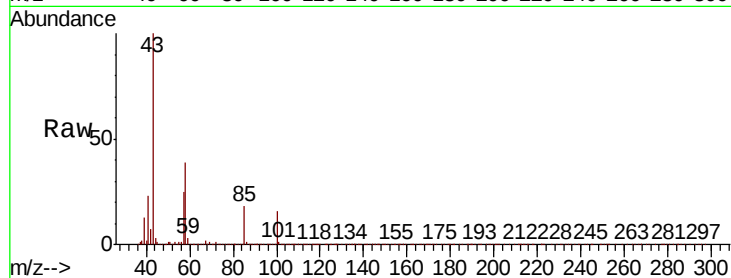




#51
4-Methyl-2-Pentanone
Concen: 267.537 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

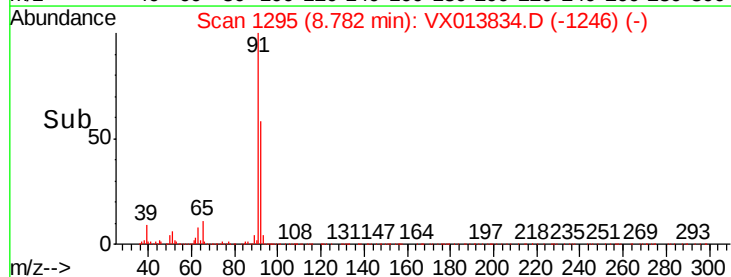
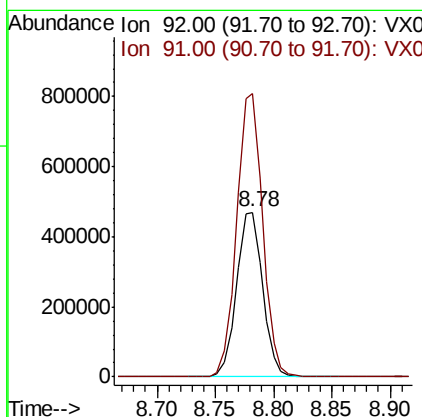
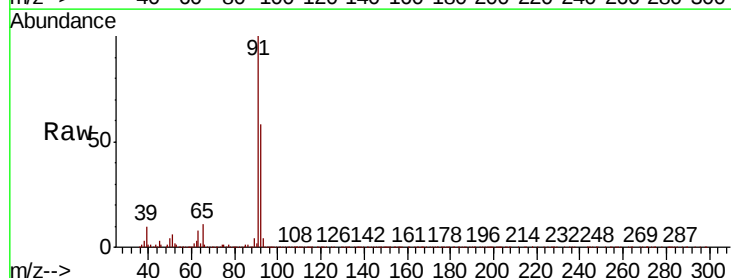
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

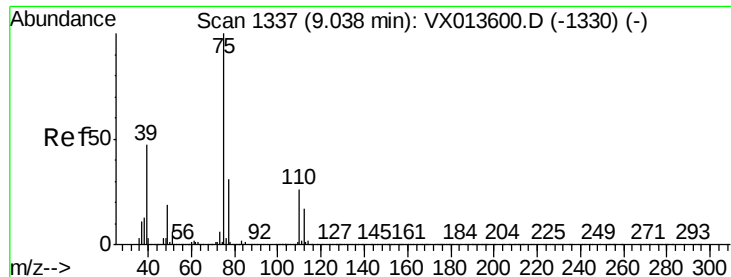
Tot Ion: 43 Resp: 2409908
Ion Ratio Lower Upper
43 100
58 39.8 32.1 48.1



#52
Toluene
Concen: 50.095 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 92 Resp: 734913
Ion Ratio Lower Upper
92 100
91 171.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 47.089 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

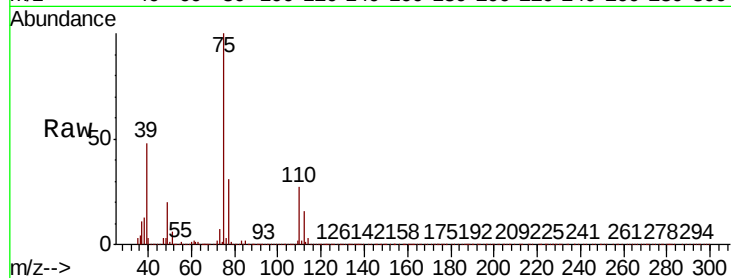
RE131D2-20191204MSD

Tot Ion: 75 Resp: 406602

Ion Ratio Lower Upper

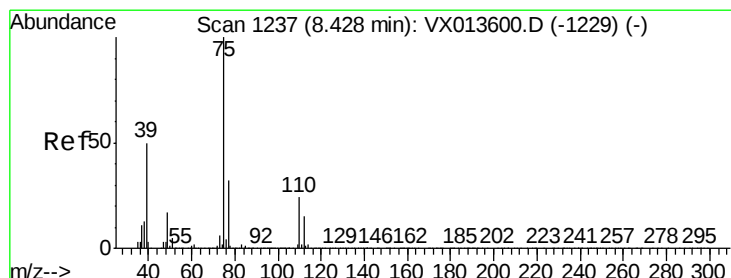
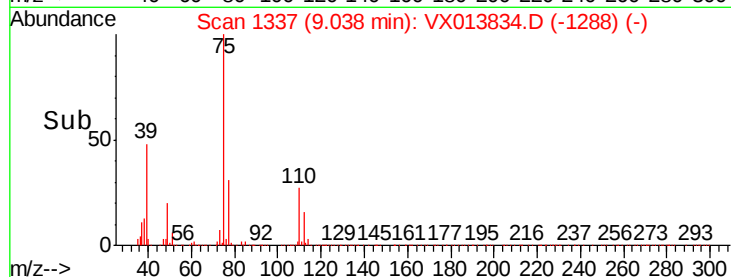
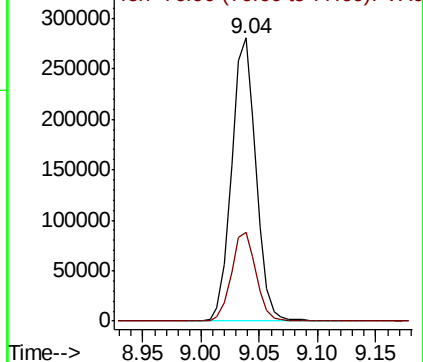
75 100

77 31.2 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.429 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

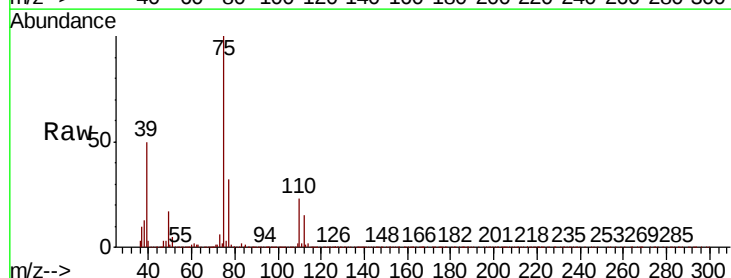
Tgt Ion: 75 Resp: 456865

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

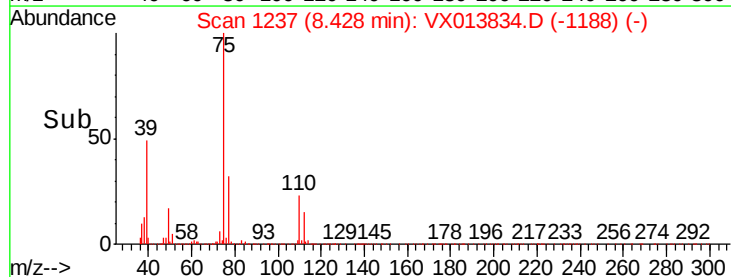
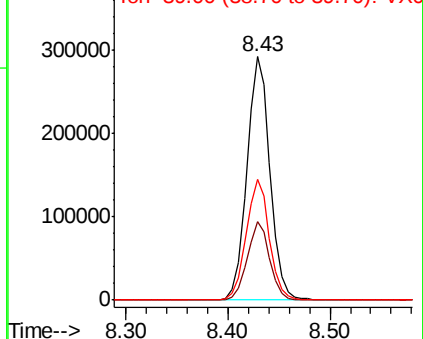
39 49.4 39.9 59.9

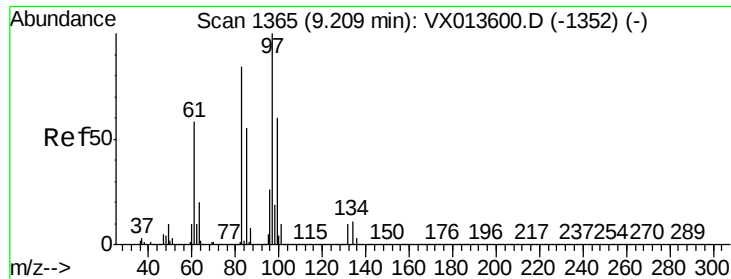


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

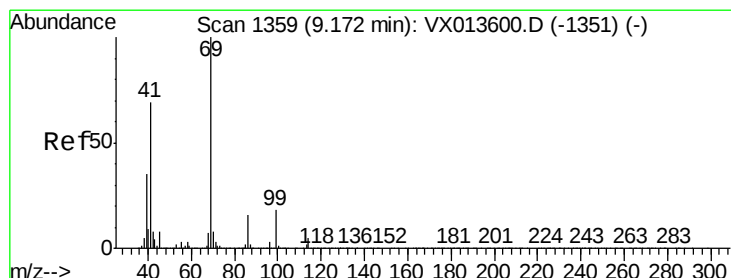
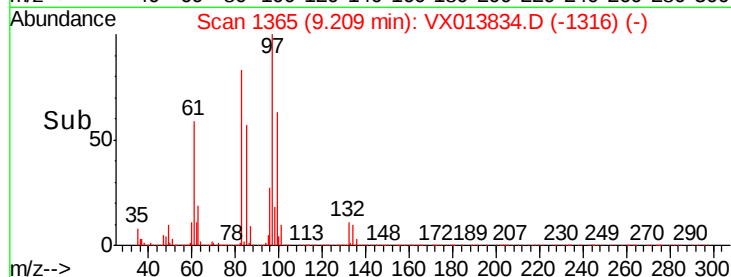
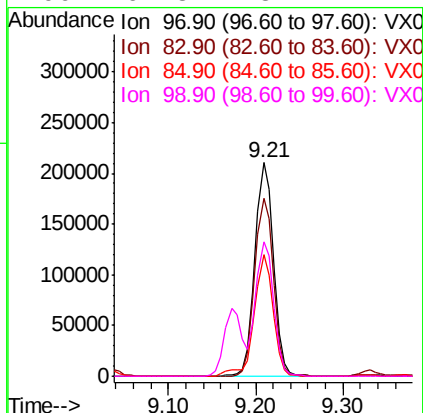
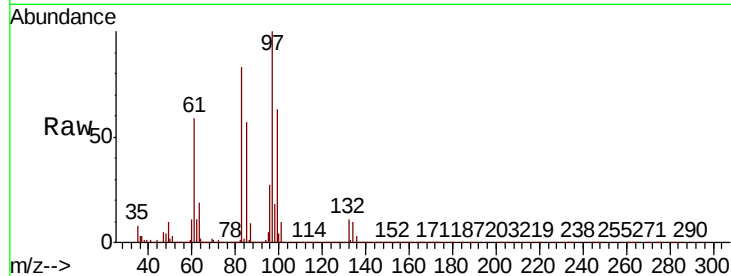




#55
 1,1,2-Trichloroethane
 Concen: 52.183 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

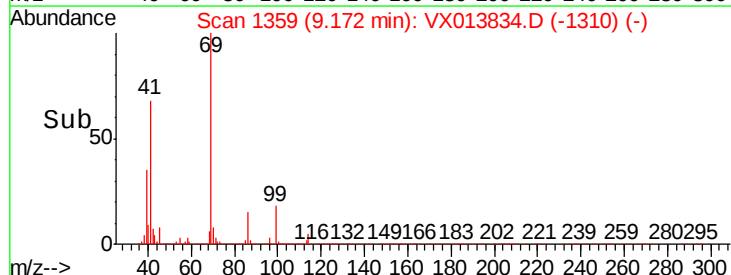
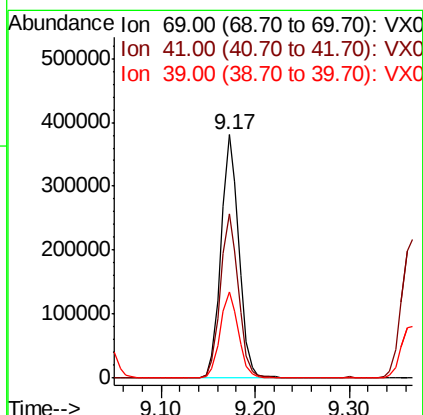
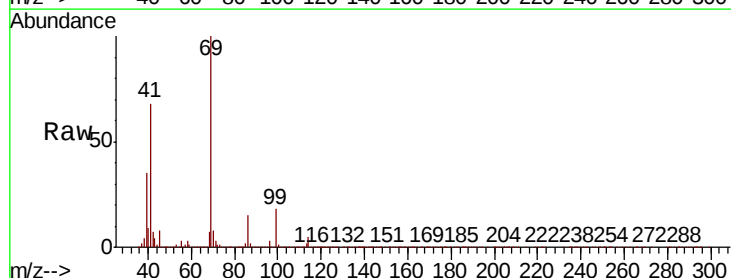
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

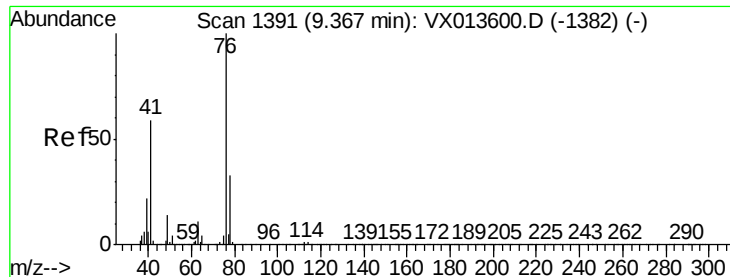
Tot Ion:	97	Resp:	308504
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.3	100.9
85	56.8	43.6	65.4
99	62.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.798 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion:	69	Resp:	501836
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.0	82.4
39	35.6	28.7	43.1





#57

1,3-Dichloropropane

Concen: 50.574 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

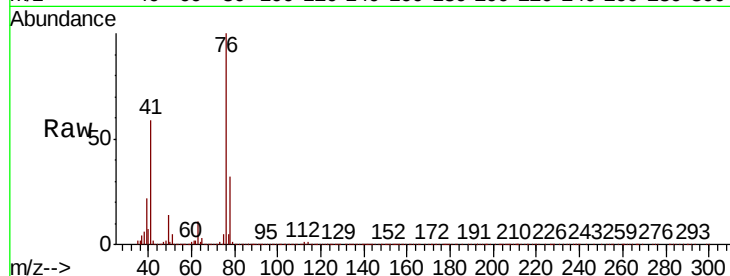
RE131D2-20191204MSD

Tot Ion: 76 Resp: 515356

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

300000

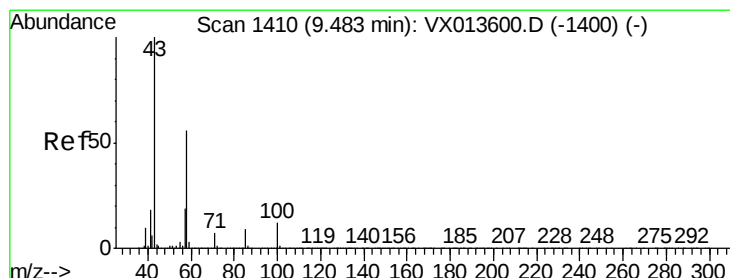
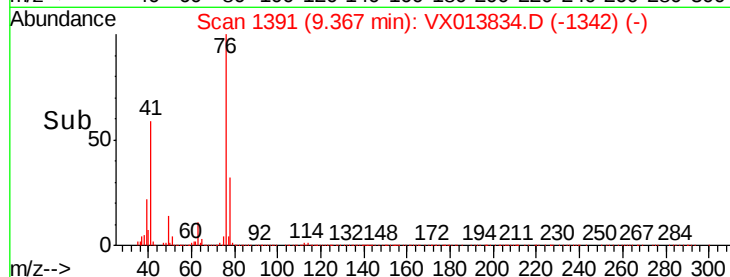
200000

100000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#59

2-Hexanone

Concen: 266.438 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013834.D

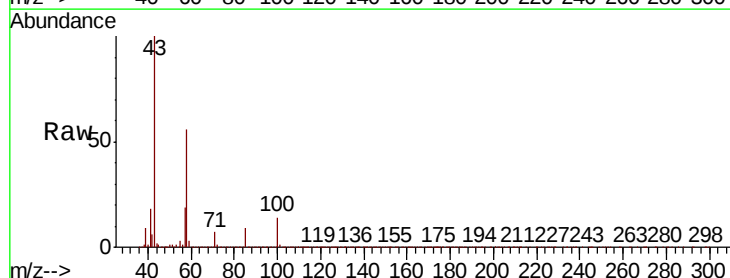
Acq: 07 Dec 2019 05:27

Tgt Ion: 43 Resp: 1871825

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

1500000

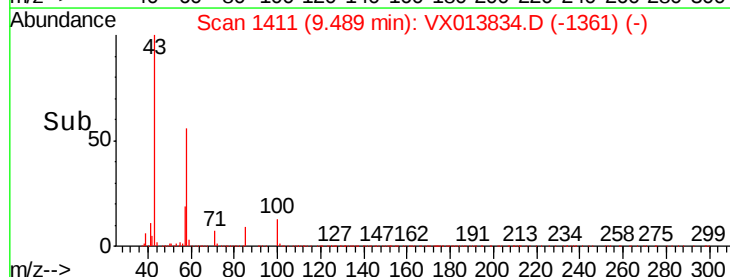
1000000

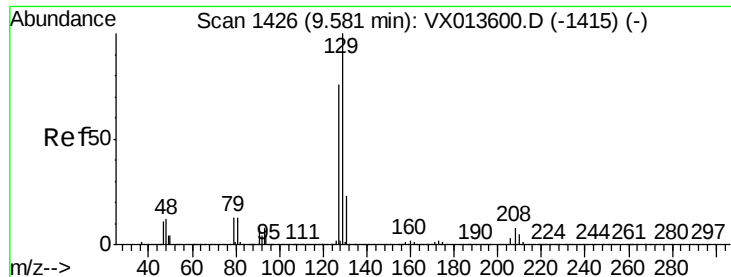
500000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 52.237 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

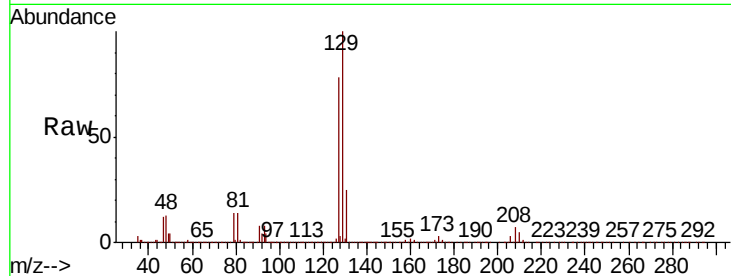
RE131D2-20191204MSD

Tot Ion:129 Resp: 320492

Ion Ratio Lower Upper

129 100

127 78.0 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

250000

200000

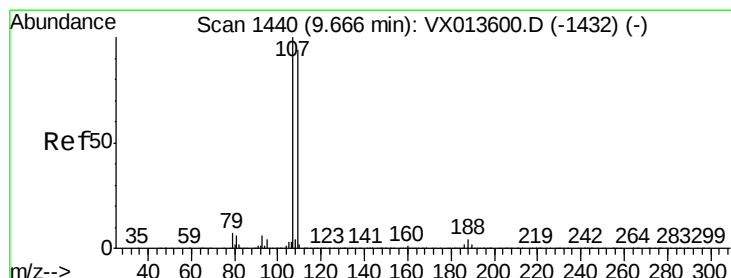
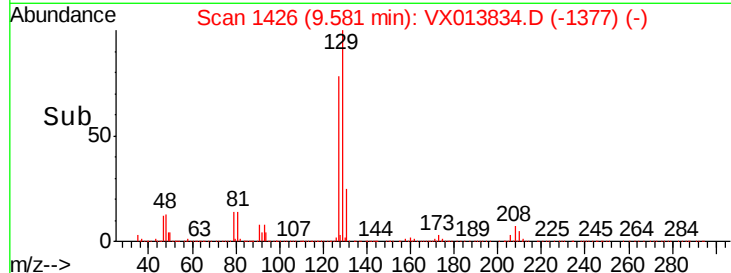
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.767 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013834.D

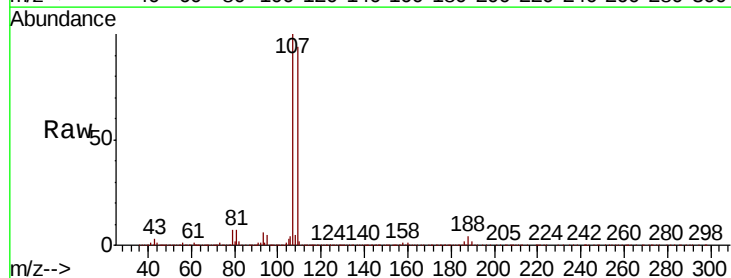
Acq: 07 Dec 2019 05:27

Tgt Ion:107 Resp: 320551

Ion Ratio Lower Upper

107 100

109 93.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

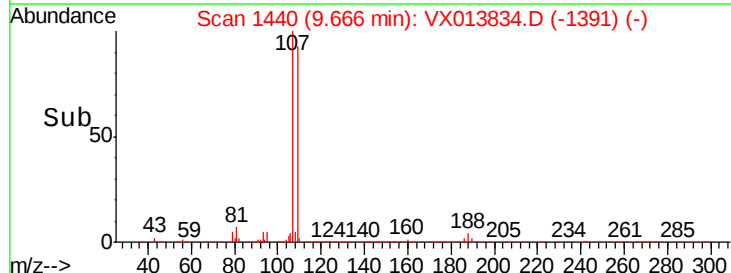
150000

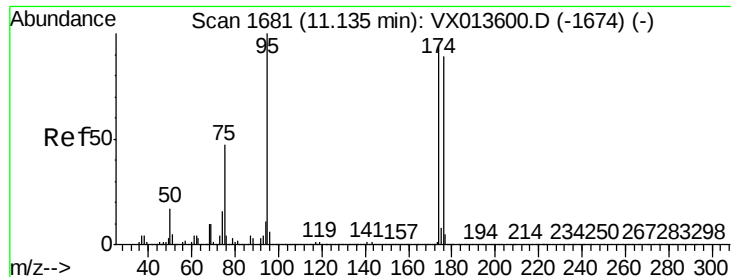
100000

50000

0

Time-->

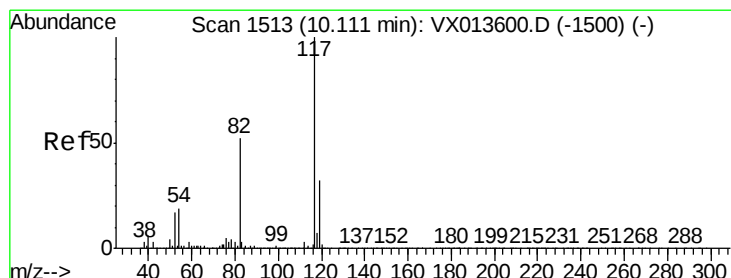
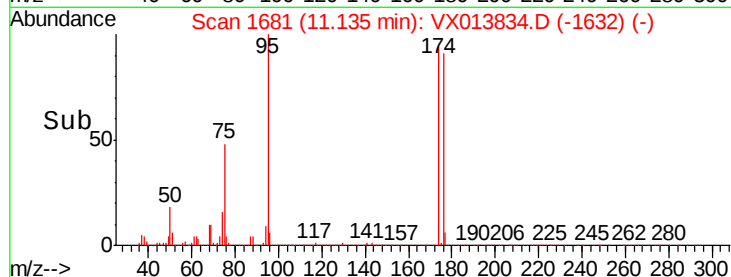
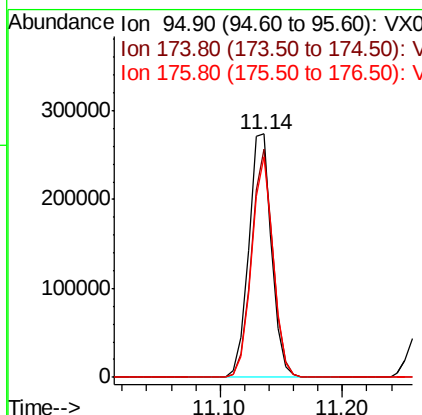
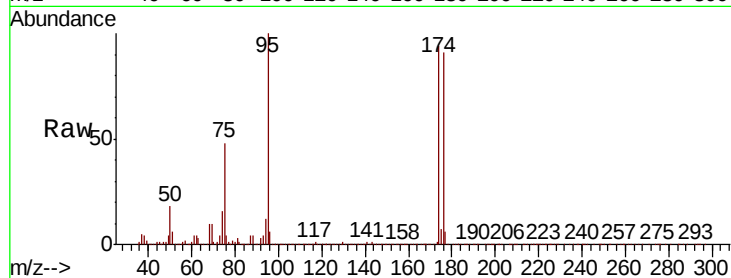




#62
4-Bromofluorobenzene
Concen: 48.189 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

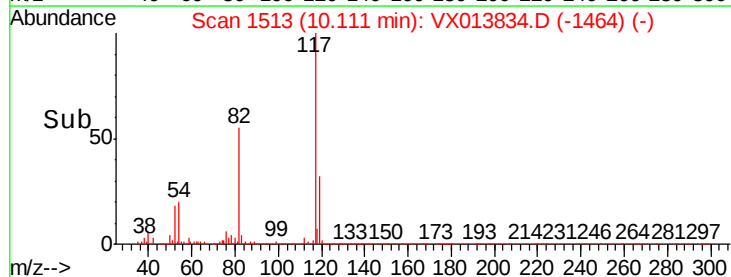
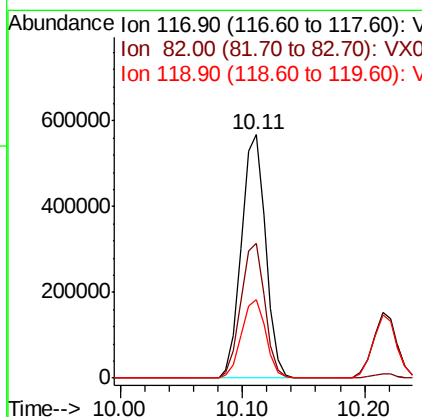
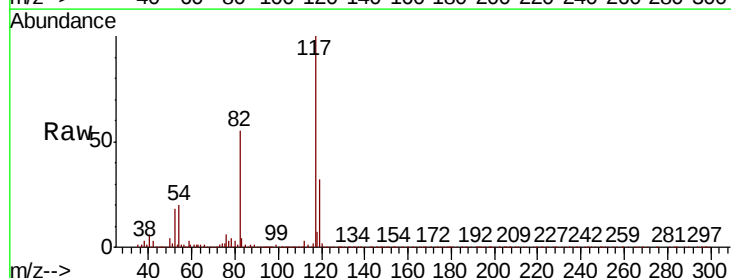
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

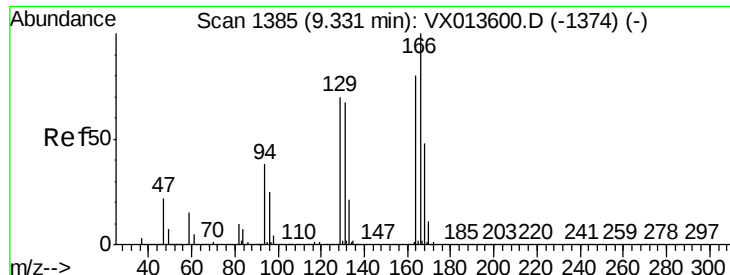
Tot Ion: 95 Resp: 357503
Ion Ratio Lower Upper
95 100
174 88.6 0.0 180.0
176 86.0 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 117 Resp: 773644
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.2 25.8 38.8





#64

Tetrachloroethene

Concen: 61.757 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion:164 Resp: 356299

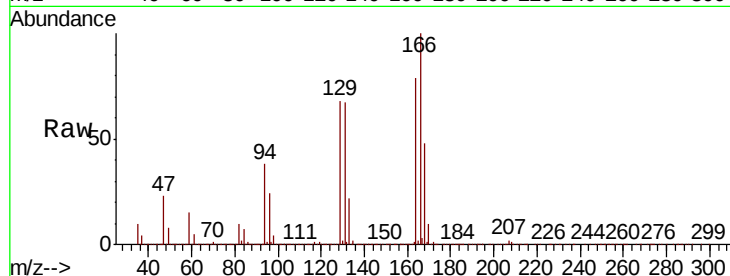
Ion Ratio Lower Upper

164 100

166 127.1 99.7 149.5

129 86.4 70.1 105.1

131 84.8 66.9 100.3

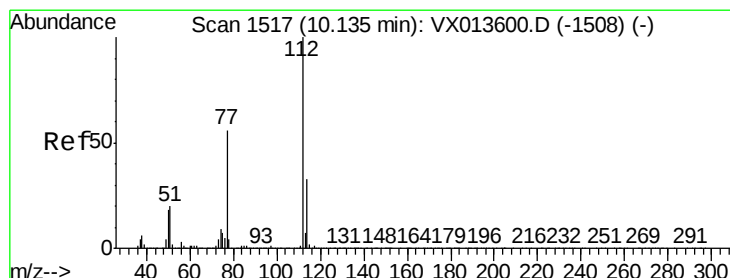
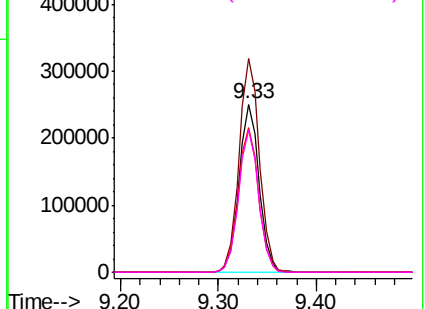
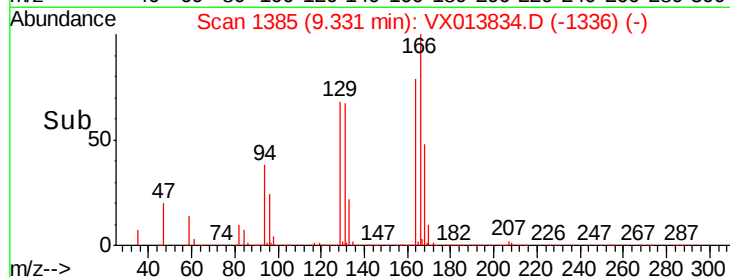


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.327 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013834.D

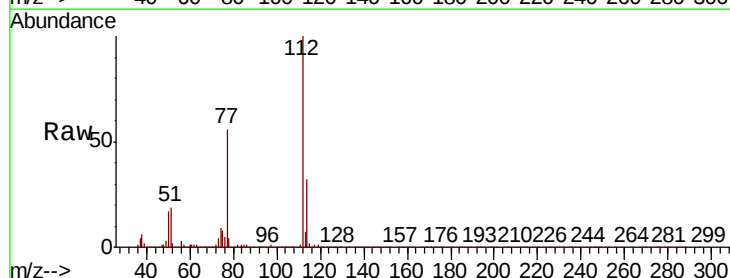
Acq: 07 Dec 2019 05:27

Tgt Ion:112 Resp: 792306

Ion Ratio Lower Upper

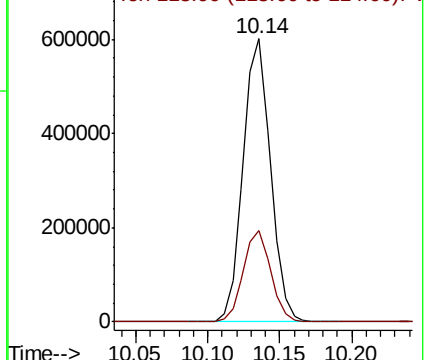
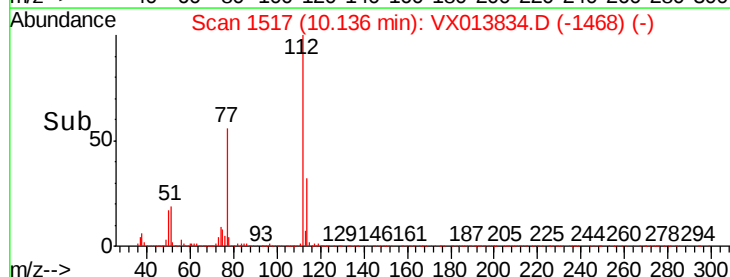
112 100

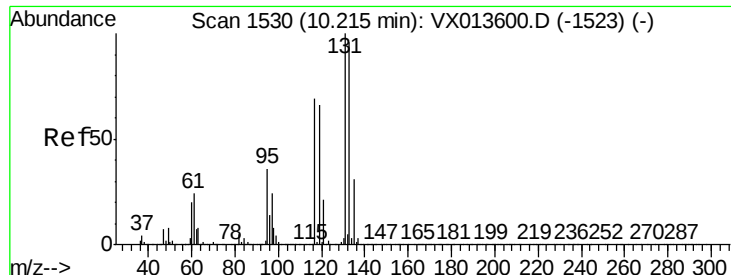
114 32.3 26.1 39.1



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: 51.737 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

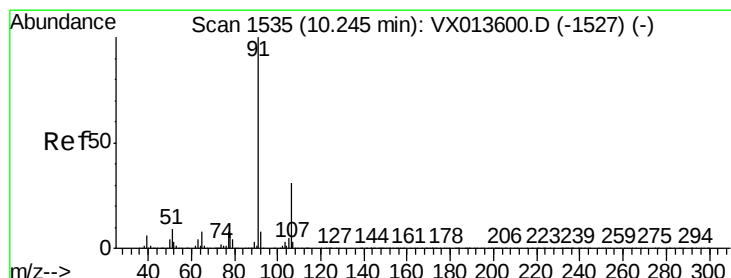
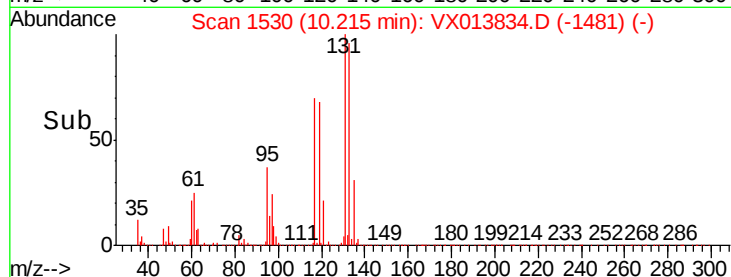
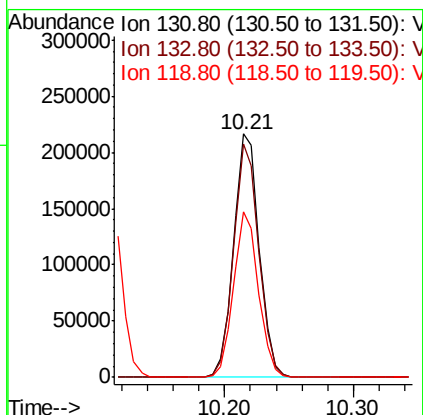
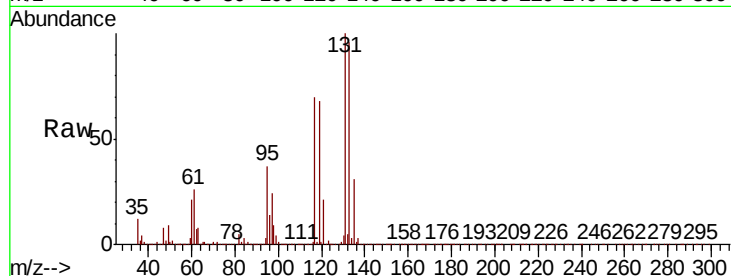
Tot Ion:131 Resp: 298415

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

119 66.1 32.9 98.6



#67

Ethyl Benzene

Concen: 50.123 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013834.D

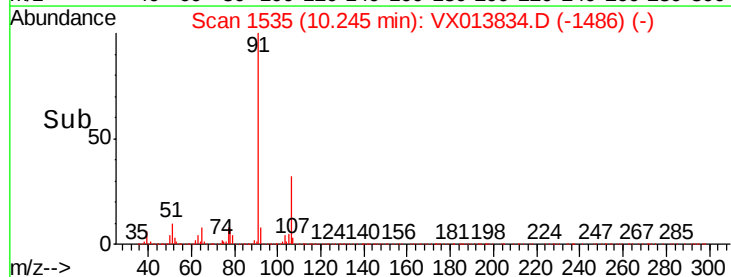
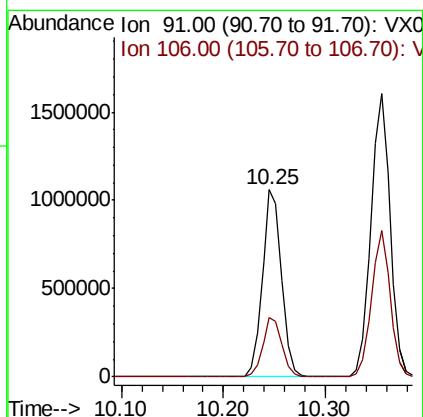
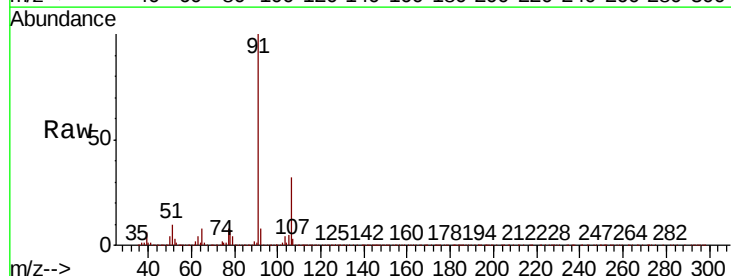
Acq: 07 Dec 2019 05:27

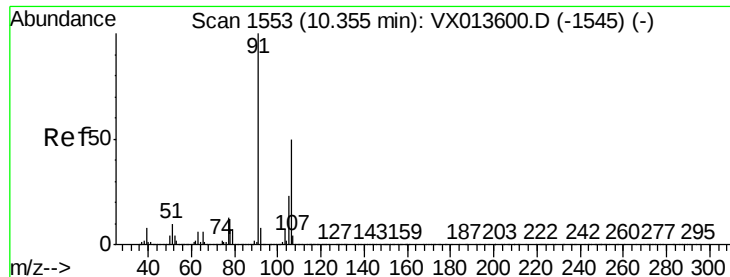
Tgt Ion: 91 Resp: 1383478

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7

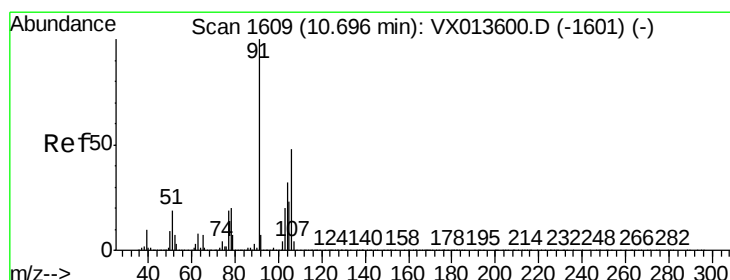
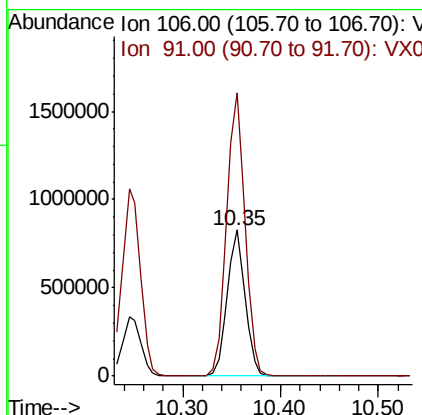
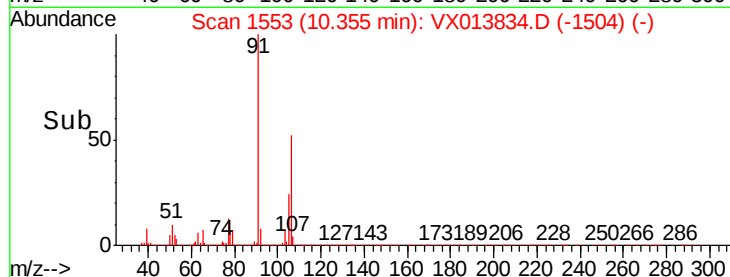
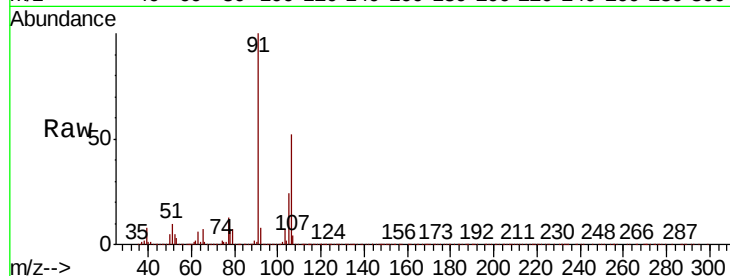




#68
m/p-Xylenes
Concen: 100.077 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

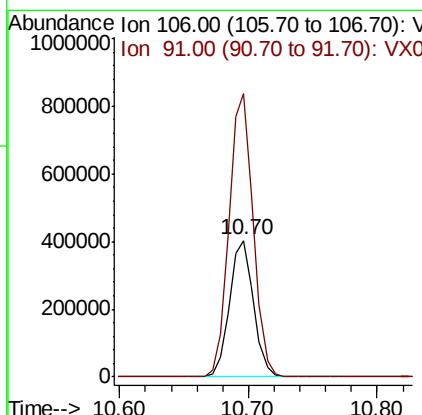
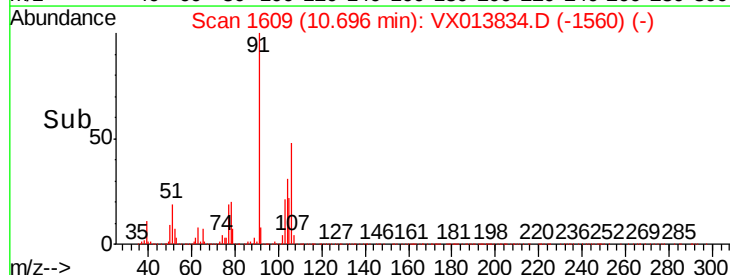
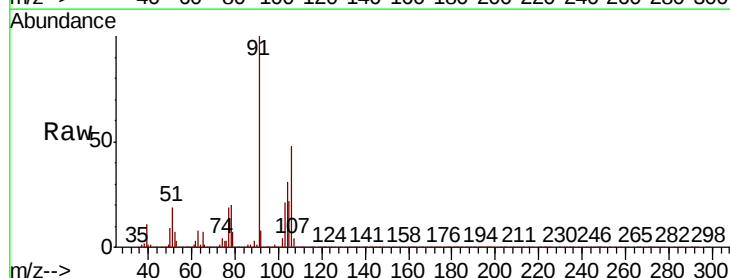
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

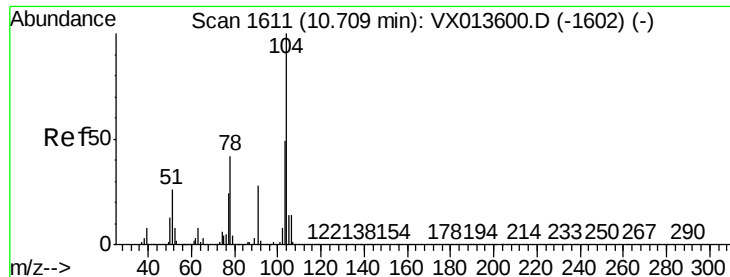
Tot Ion:106 Resp: 1057550
Ion Ratio Lower Upper
106 100
91 198.2 159.0 238.4



#69
o-Xylene
Concen: 50.674 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion:106 Resp: 522264
Ion Ratio Lower Upper
106 100
91 209.4 104.1 312.2

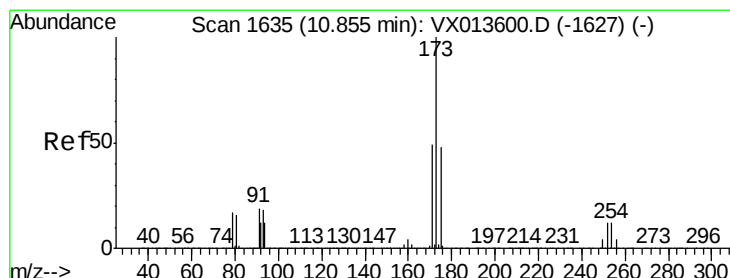
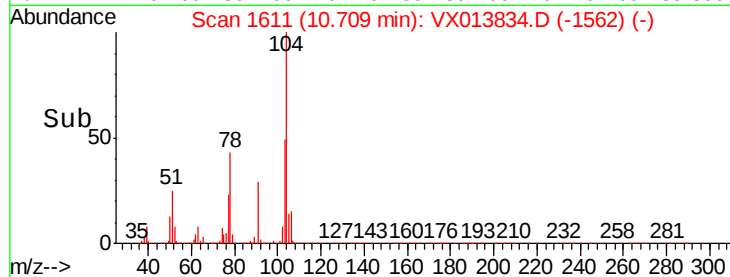
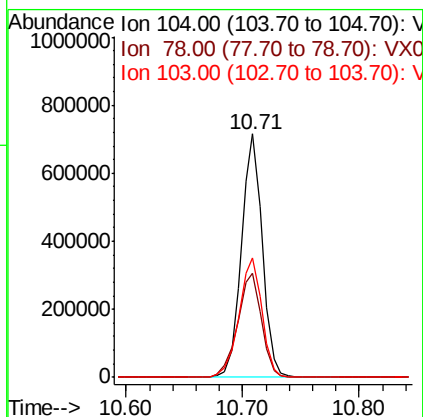
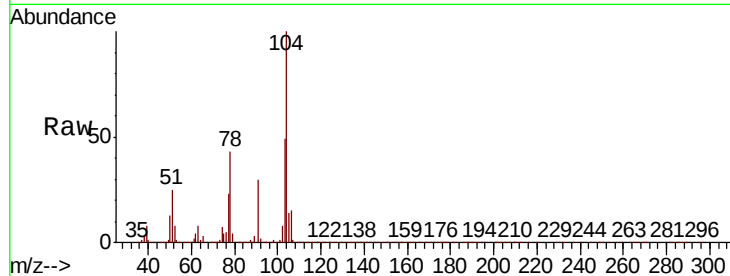




#70
Stvrene
Concen: 51.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

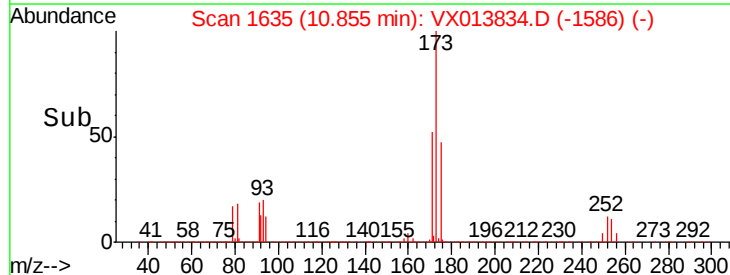
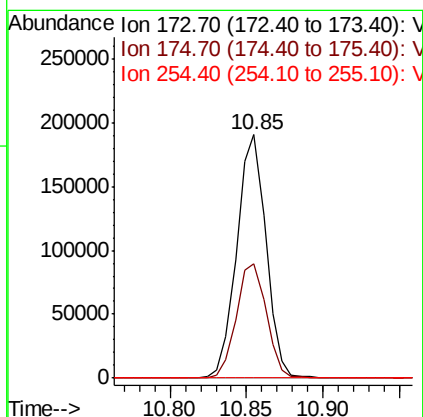
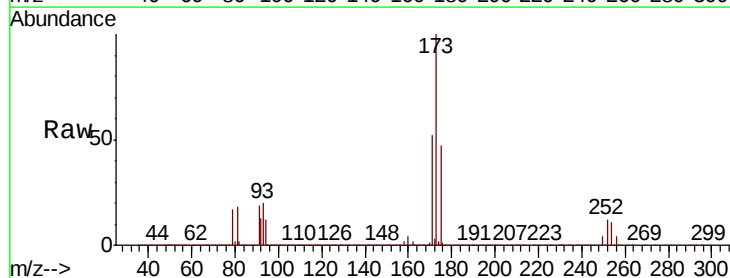
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

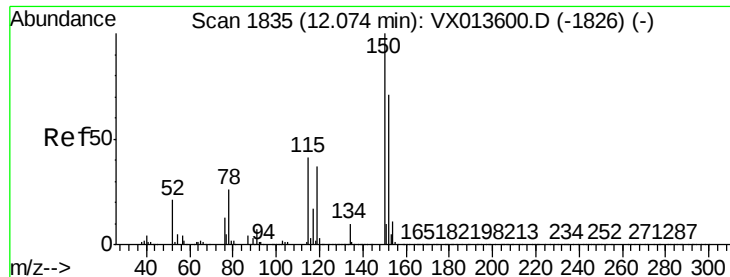
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.1	43.7	65.5



#71
Bromoform
Concen: 52.838 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	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: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

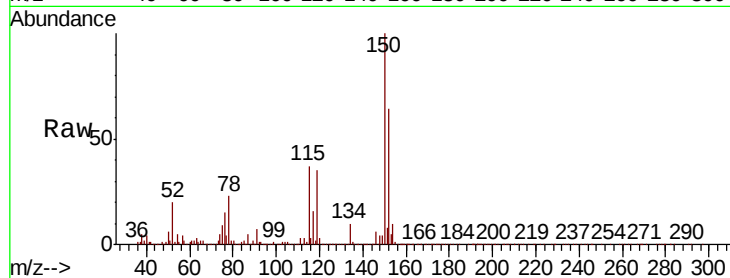
Tot Ion:152 Resp: 383563

Ion Ratio Lower Upper

152 100

115 77.1 38.4 115.1

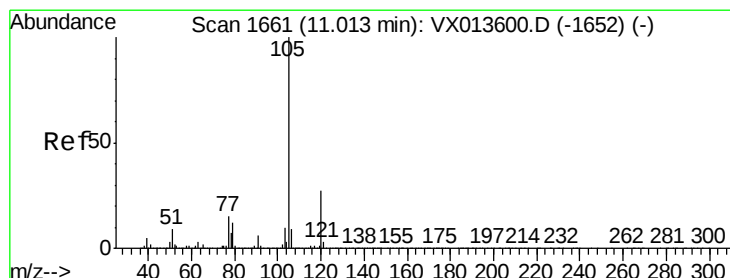
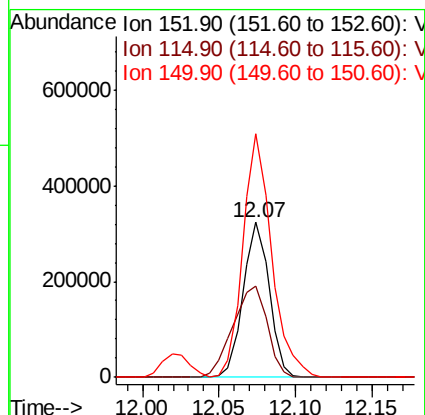
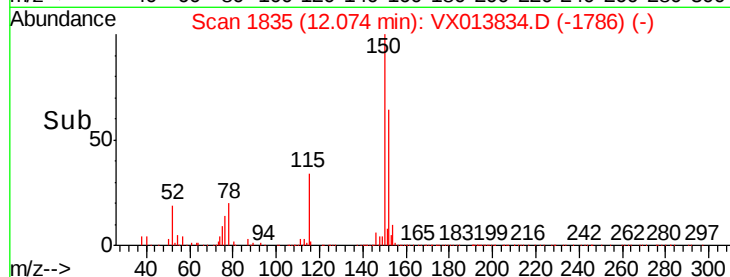
150 172.1 0.0 346.8



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: 50.558 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013834.D

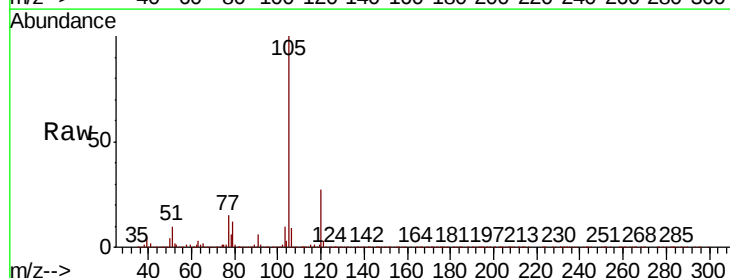
Acq: 07 Dec 2019 05:27

Tgt Ion:105 Resp: 1360280

Ion Ratio Lower Upper

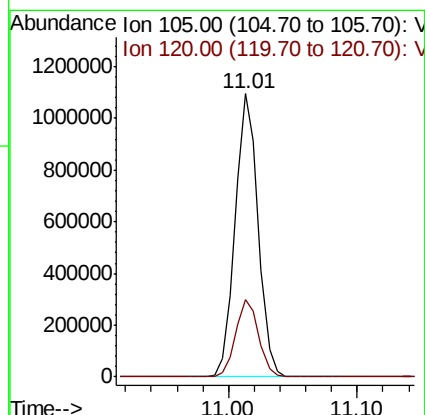
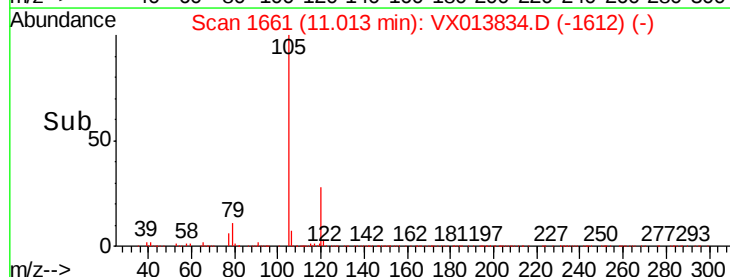
105 100

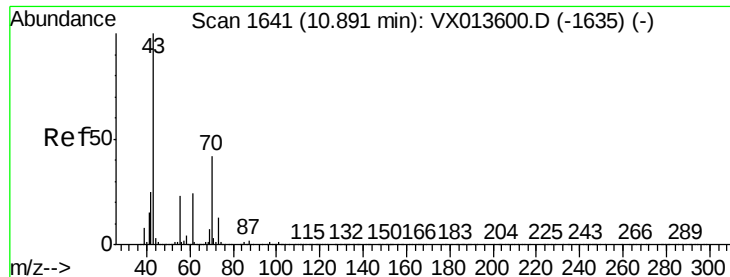
120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.419 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 43 Resp: 584444

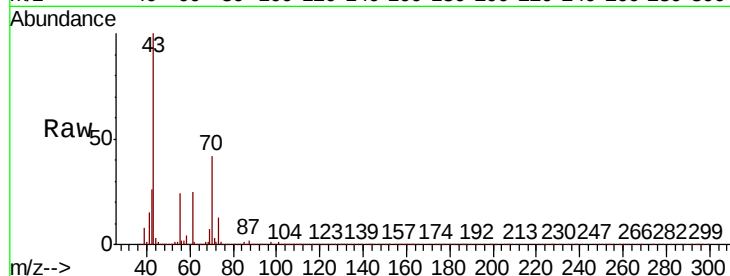
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.1 18.5 27.7

61 24.9 19.8 29.8

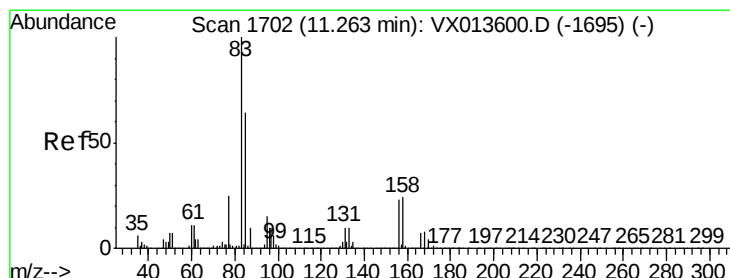
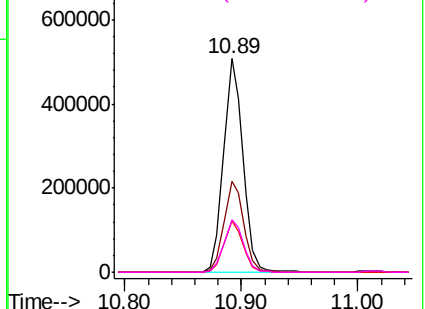
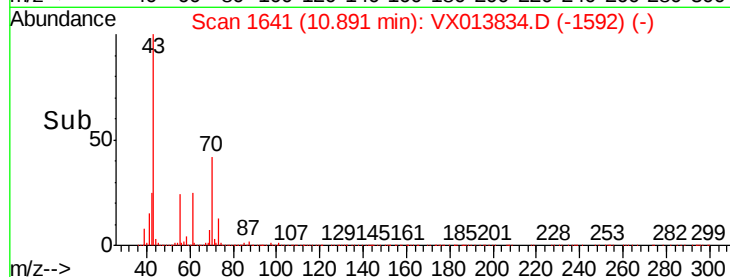


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.588 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

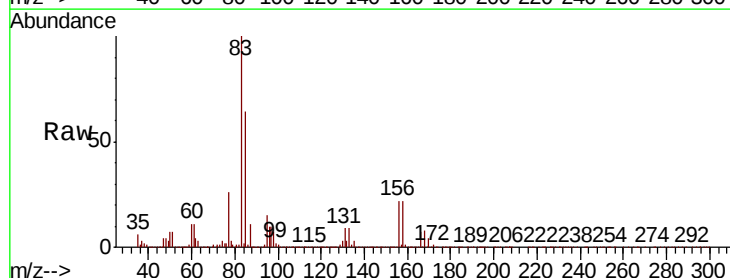
Tgt Ion: 83 Resp: 500014

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

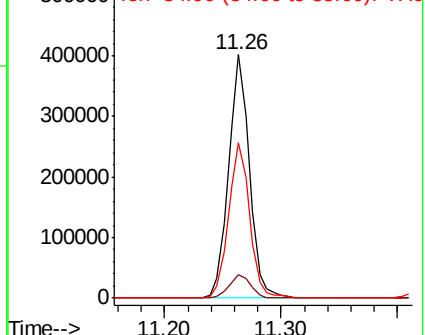
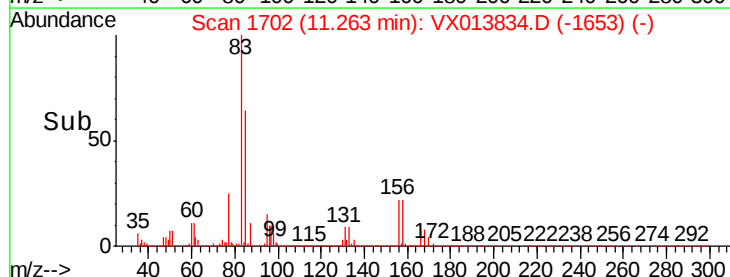
85 64.3 31.8 95.3

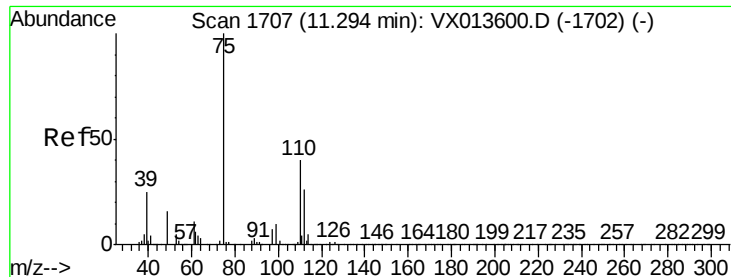


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

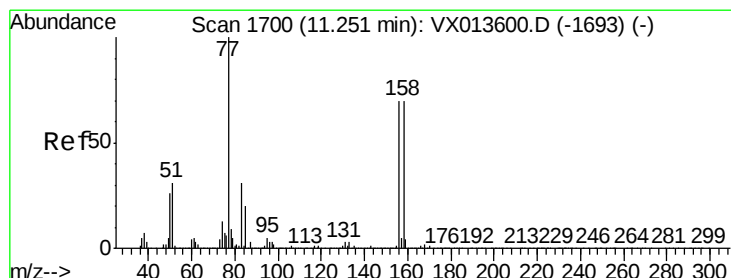
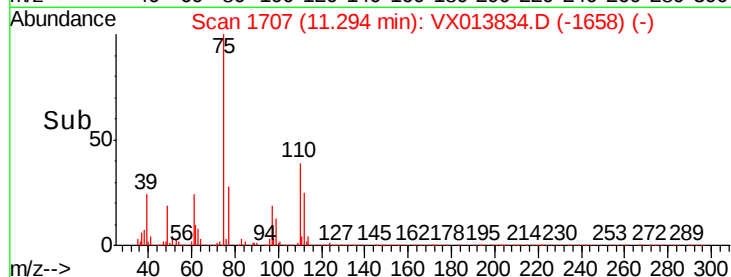
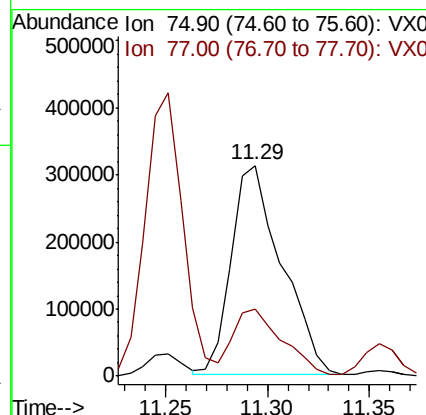
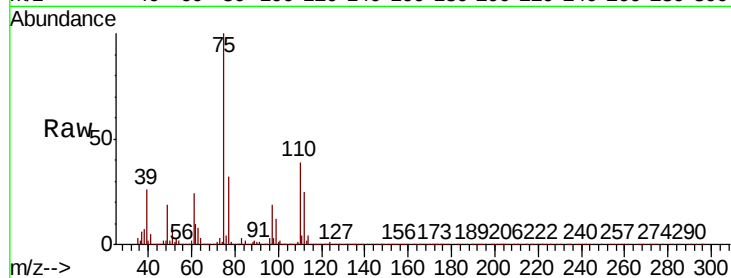




#76
1,2,3-Trichloropropane
Concen: 62.120 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

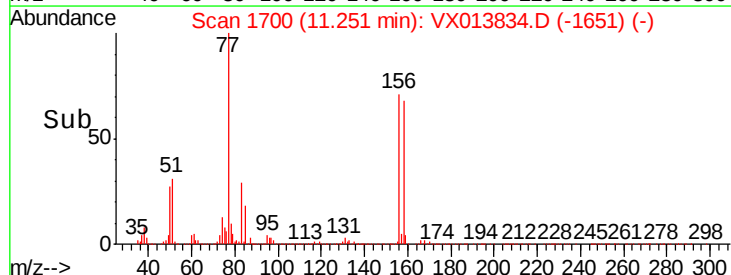
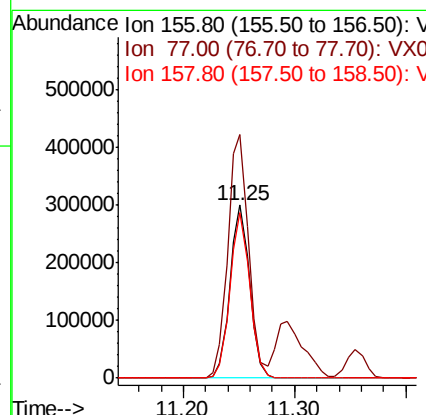
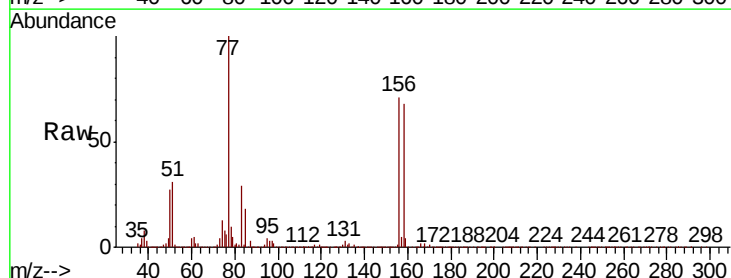
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

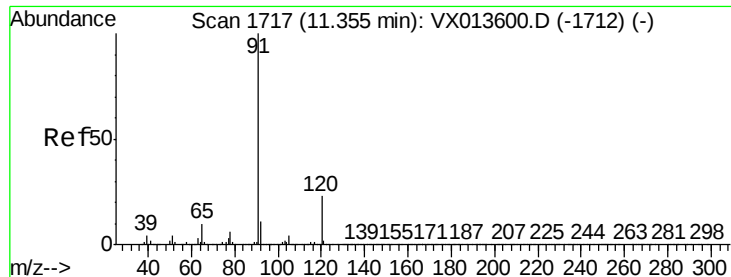
Tot Ion: 75 Resp: 535908
Ion Ratio Lower Upper
75 100
77 31.4 19.1 57.5



#77
Bromobenzene
Concen: 50.213 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 156 Resp: 364976
Ion Ratio Lower Upper
156 100
77 149.2 74.4 223.1
158 96.6 48.9 146.6





#78

n-propylbenzene

Concen: 50.415 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

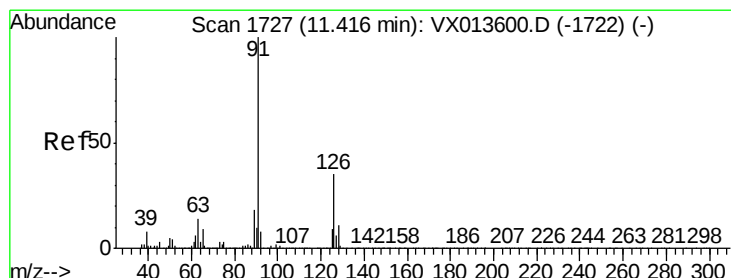
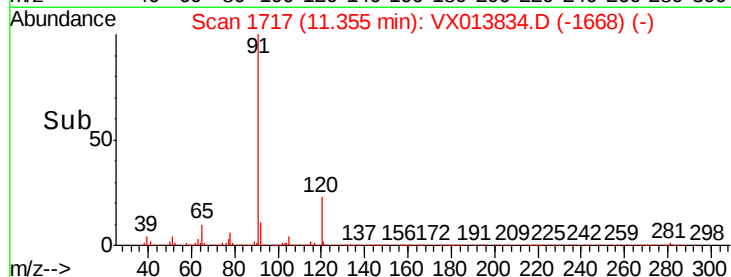
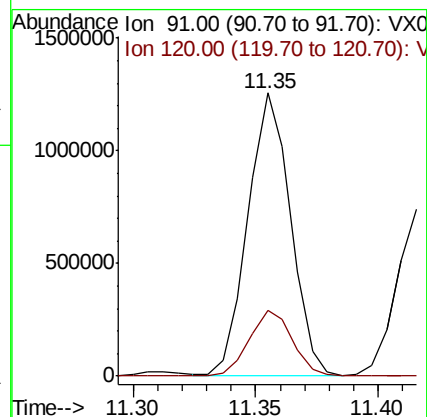
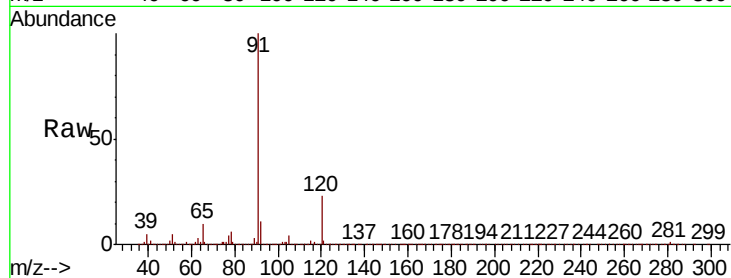
RE131D2-20191204MSD

Tot Ion: 91 Resp: 1514217

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#79

2-Chlorotoluene

Concen: 50.372 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013834.D

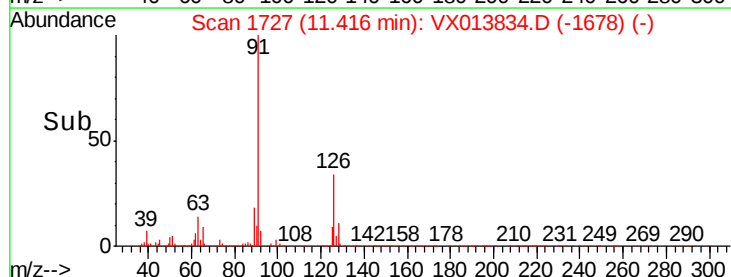
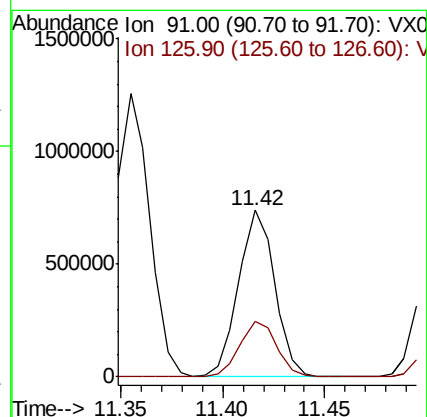
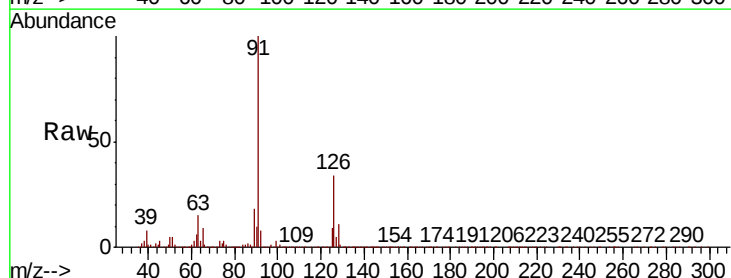
Acq: 07 Dec 2019 05:27

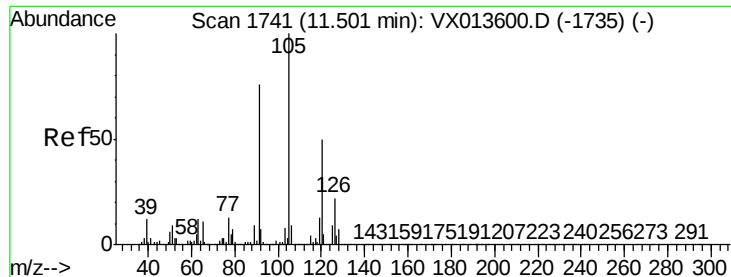
Tgt Ion: 91 Resp: 907549

Ion Ratio Lower Upper

91 100

126 34.3 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 51.104 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

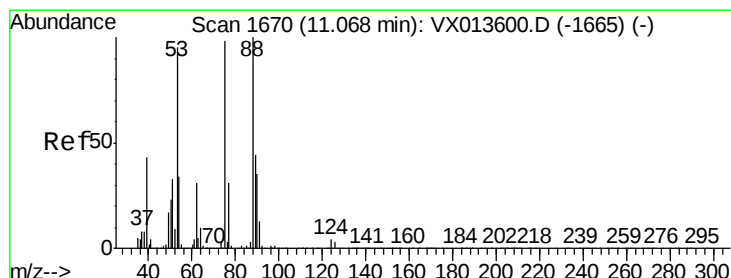
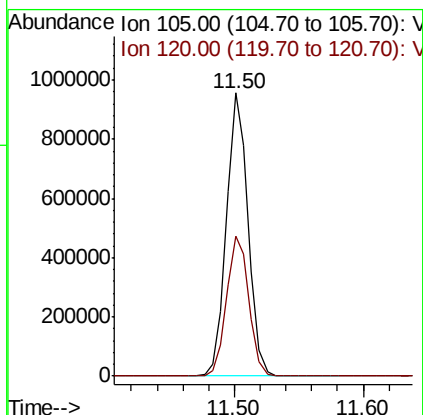
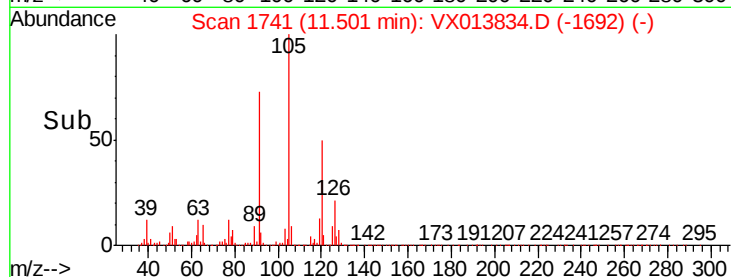
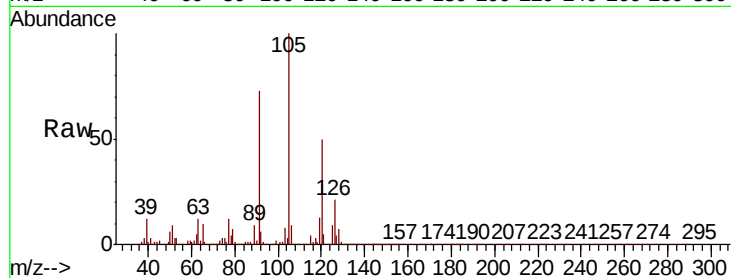
RE131D2-20191204MSD

Tot Ion:105 Resp: 1126915

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 44.377 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

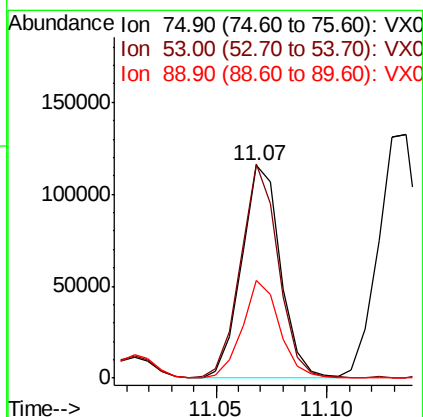
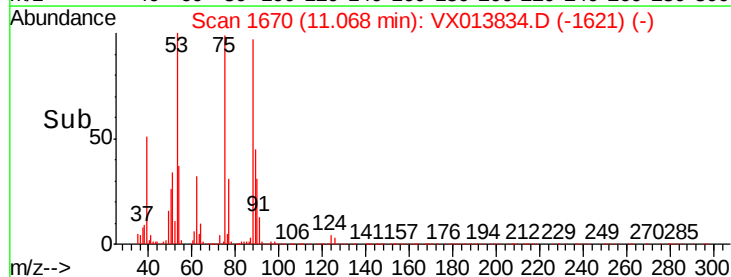
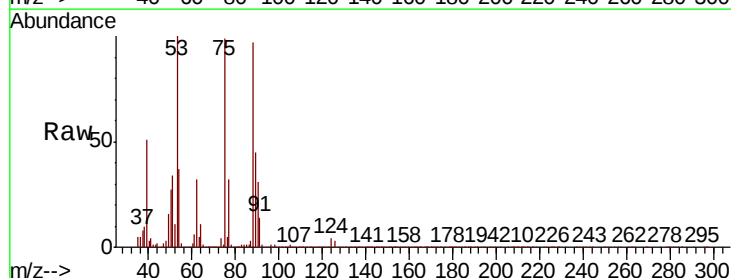
Tgt Ion: 75 Resp: 139936

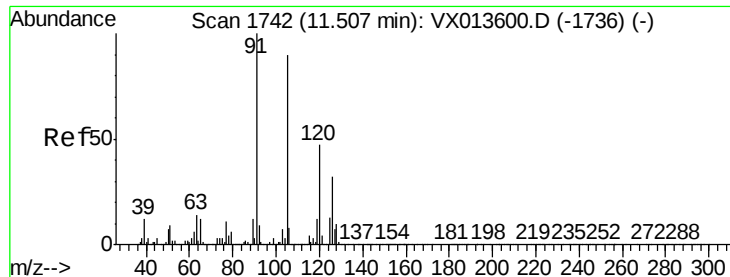
Ion Ratio Lower Upper

75 100

53 97.8 78.2 117.2

89 43.9 35.4 53.2

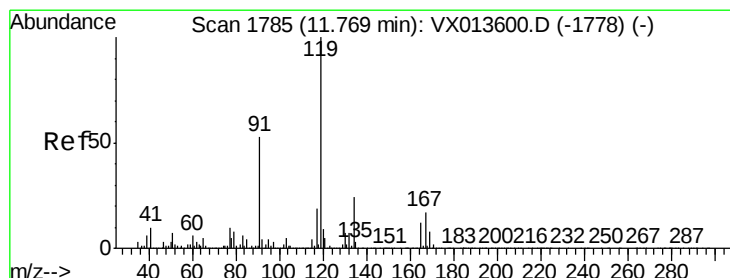
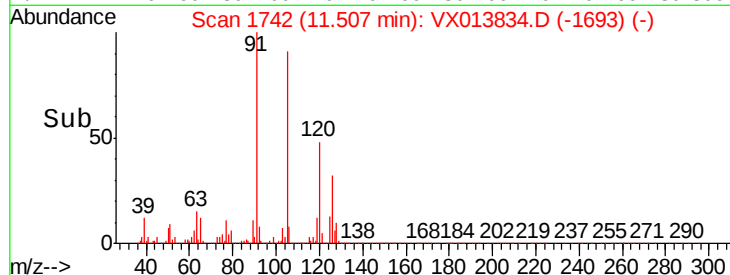
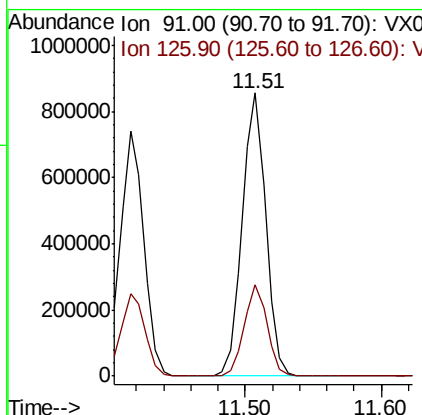
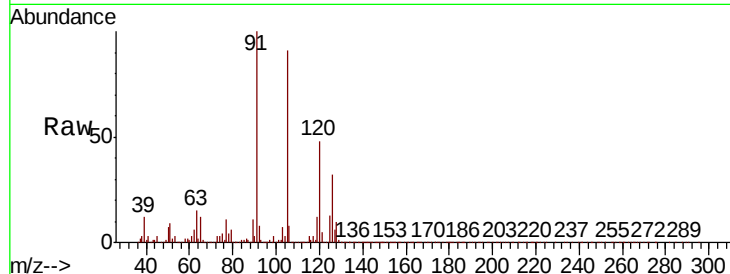




#82
4-Chlorotoluene
Concen: 49.619 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

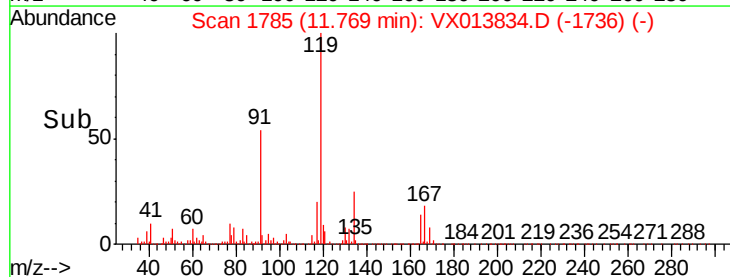
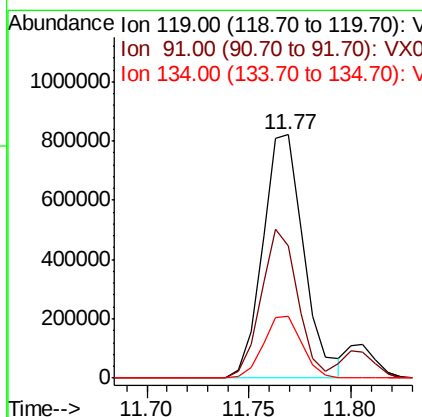
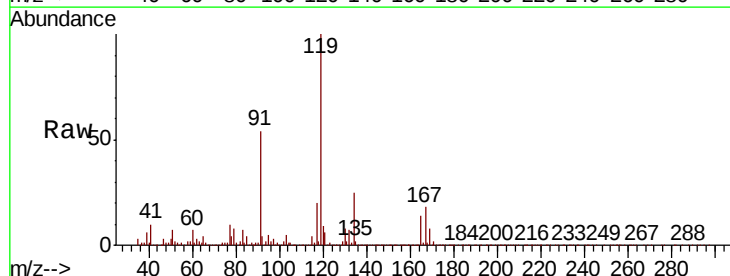
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

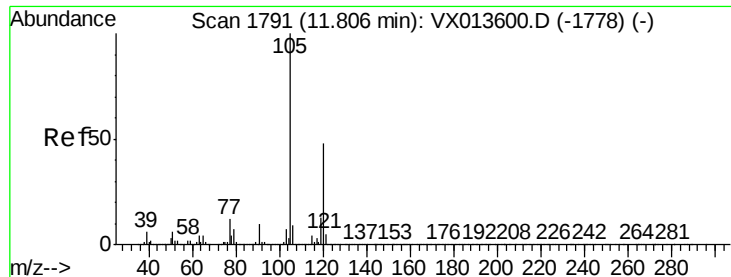
Tot Ion: 91 Resp: 1035439
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0



#83
tert-Butylbenzene
Concen: 51.344 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion: 119 Resp: 1150660
Ion Ratio Lower Upper
119 100
91 54.7 27.2 81.6
134 24.0 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.322 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

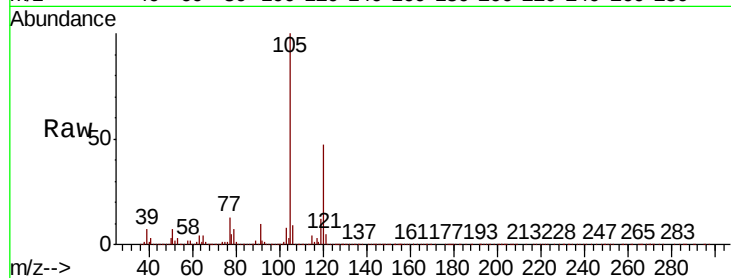
RE131D2-20191204MSD

Tot Ion:105 Resp: 1126200

Ion Ratio Lower Upper

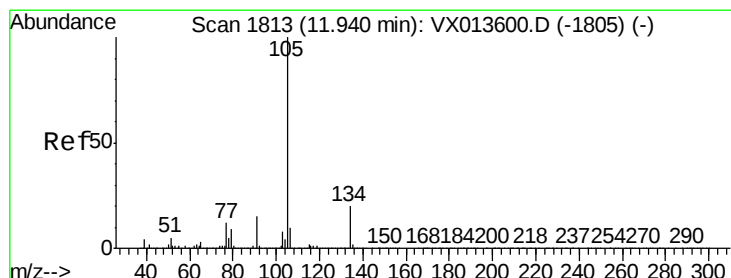
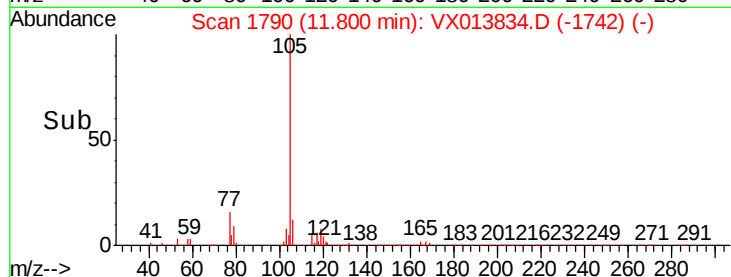
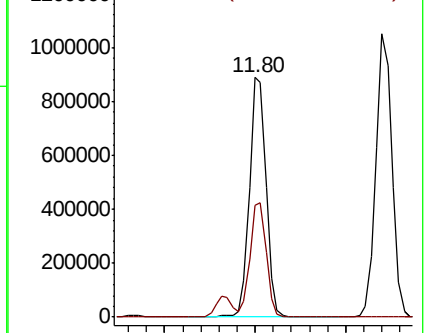
105 100

120 46.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 50.335 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013834.D

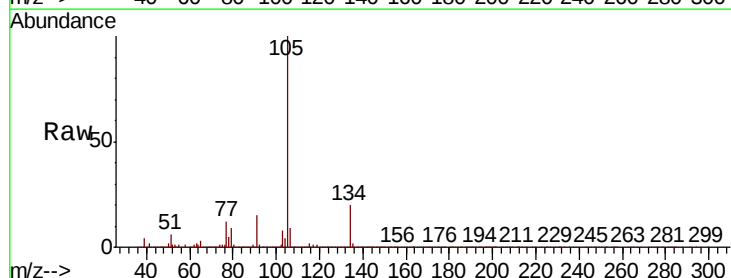
Acq: 07 Dec 2019 05:27

Tgt Ion:105 Resp: 1288481

Ion Ratio Lower Upper

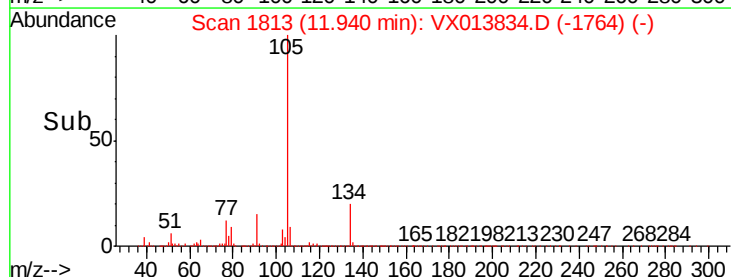
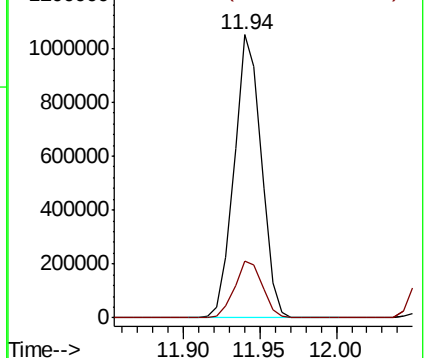
105 100

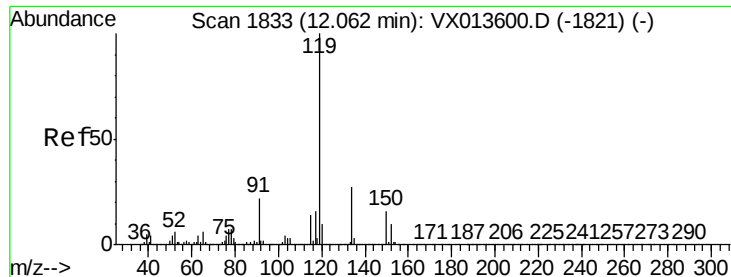
134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

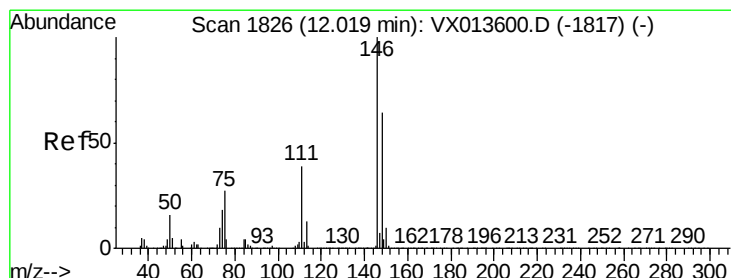
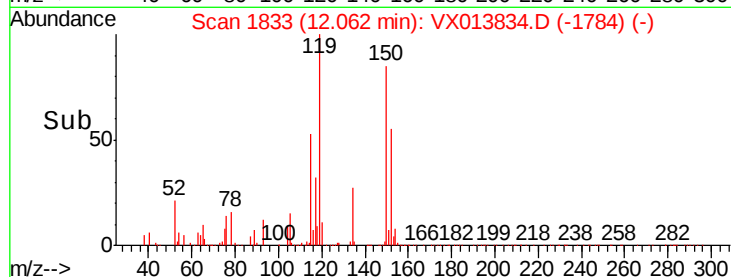
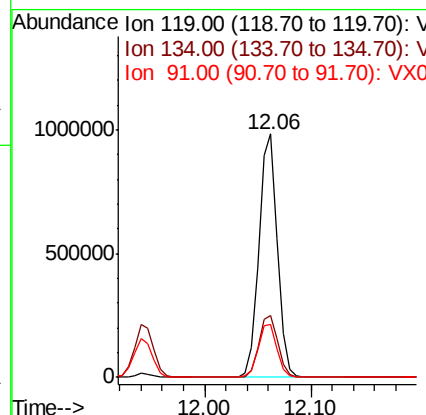
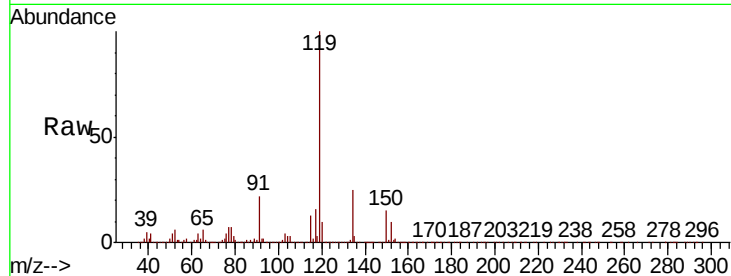




#86
p-Isopropyltoluene
Concen: 49.849 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

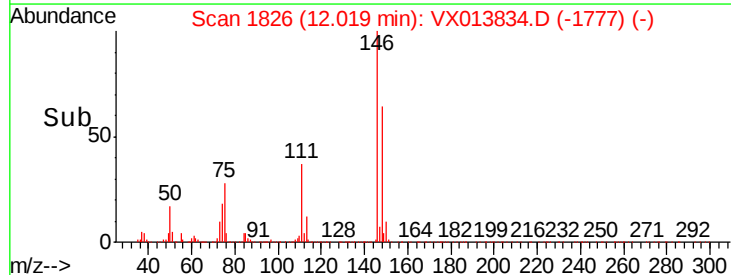
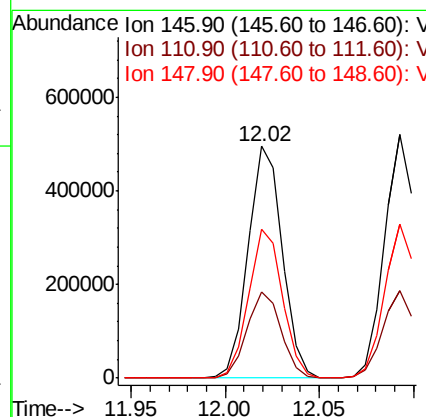
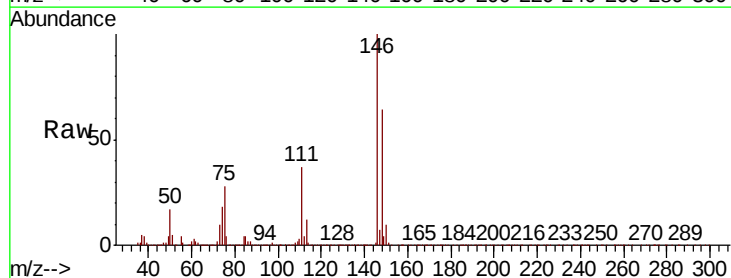
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

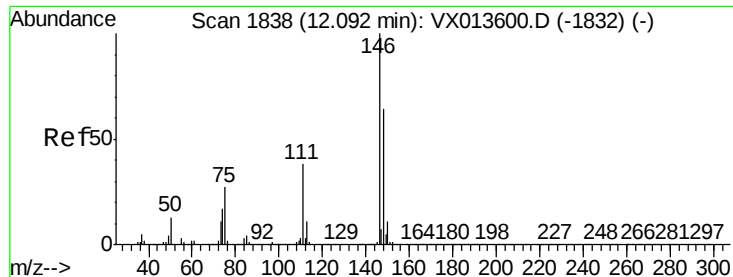
Tot Ion:119 Resp: 1187099
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.9
91 22.4 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 49.244 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion:146 Resp: 623945
Ion Ratio Lower Upper
146 100
111 37.1 19.0 57.0
148 63.6 31.8 95.4

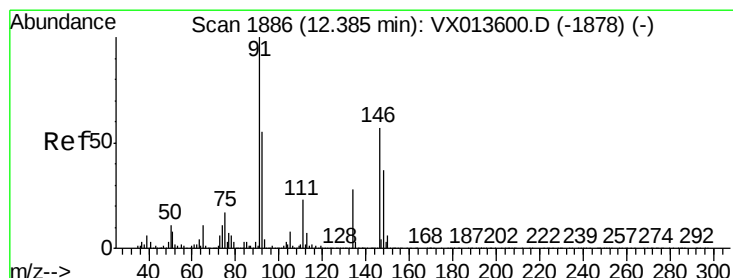
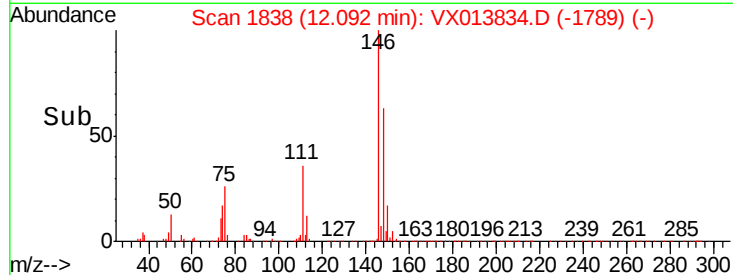
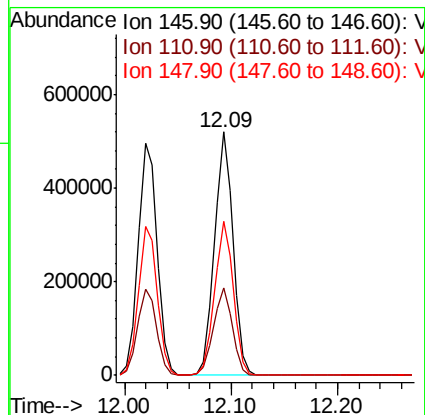
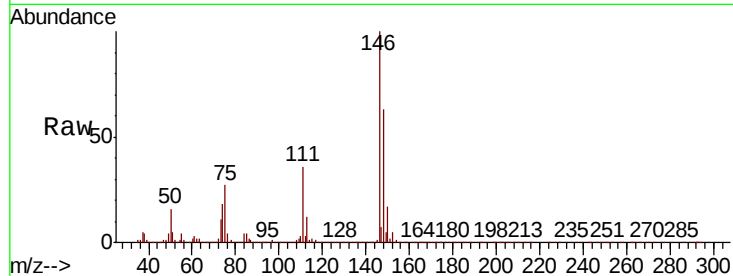




#88
 1,4-Dichlorobenzene
 Concen: 47.991 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

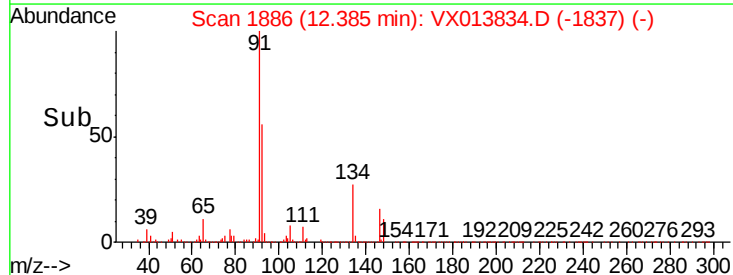
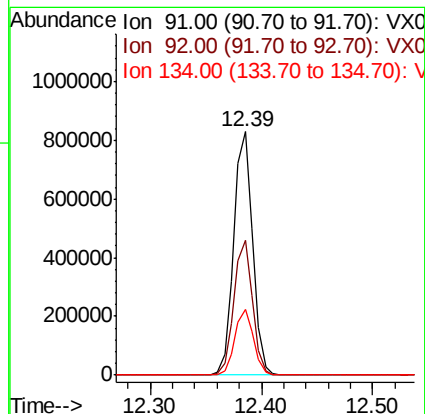
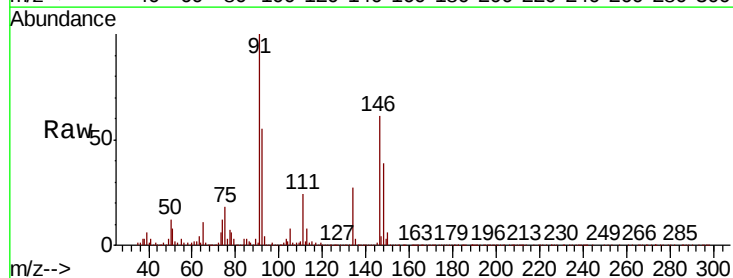
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

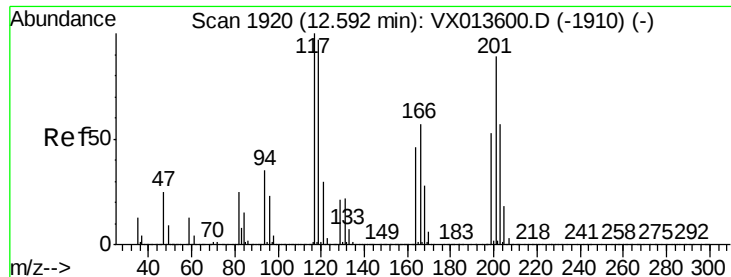
Tot Ion:146 Resp: 619359
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.9 56.9
 148 63.7 31.9 95.5



#89
 n-Butylbenzene
 Concen: 47.630 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion: 91 Resp: 967393
 Ion Ratio Lower Upper
 91 100
 92 54.7 27.4 82.2
 134 26.9 13.5 40.4

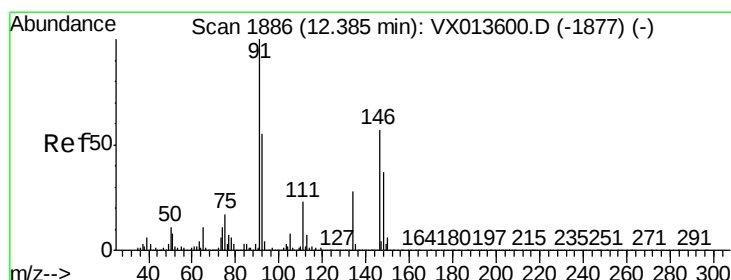
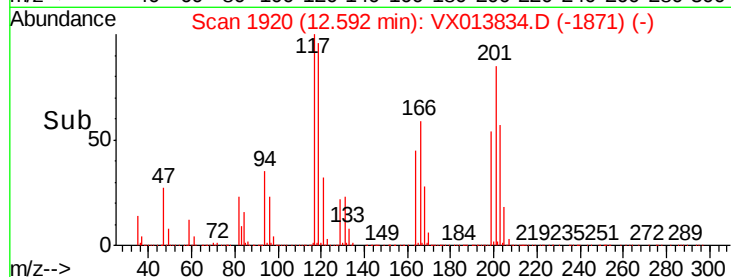
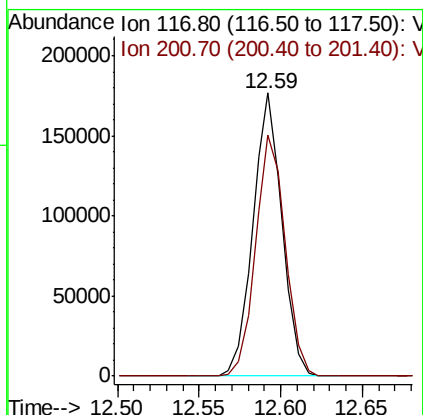
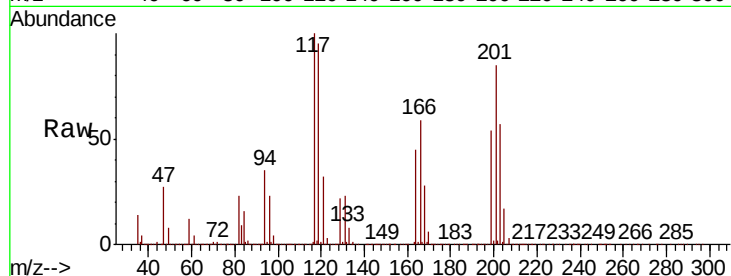




#90
Hexachloroethane
Concen: 50.456 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

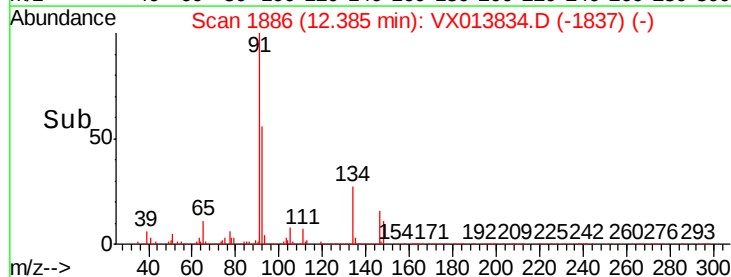
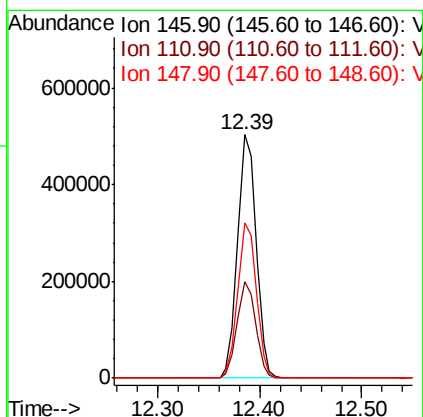
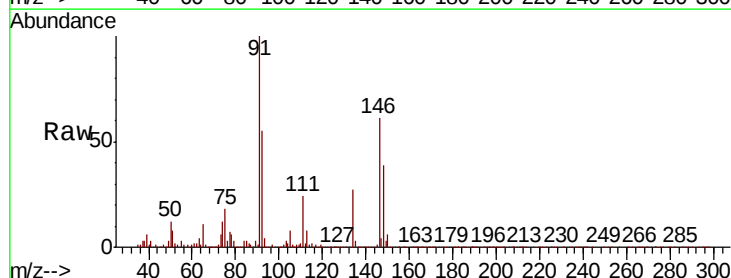
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

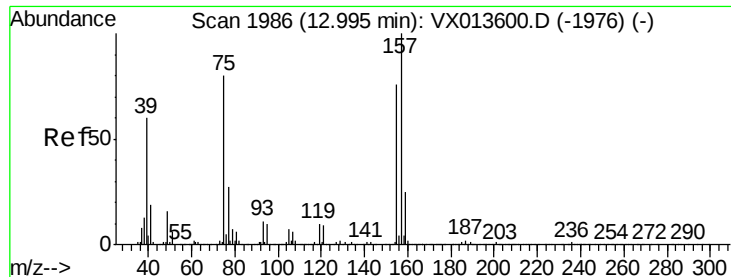
Tot Ion:117 Resp: 217182
Ion Ratio Lower Upper
117 100
201 87.4 44.1 132.4



#91
1,2-Dichlorobenzene
Concen: 50.269 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion:146 Resp: 629305
Ion Ratio Lower Upper
146 100
111 39.6 19.6 58.7
148 64.1 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.269 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

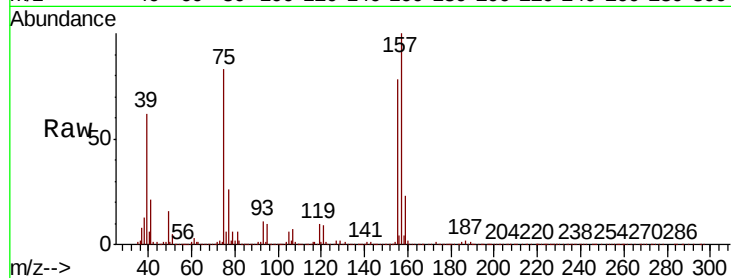
Tot Ion: 75 Resp: 108238

Ion Ratio Lower Upper

75 100

155 94.5 47.6 142.8

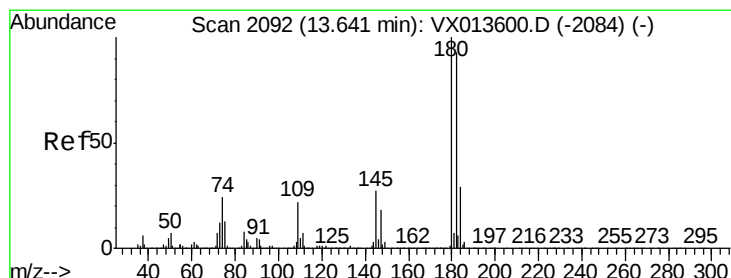
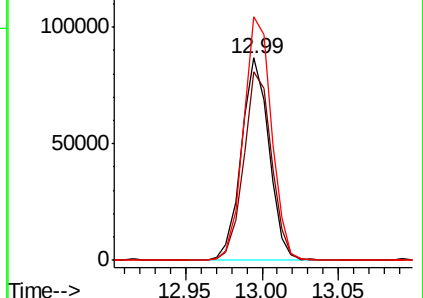
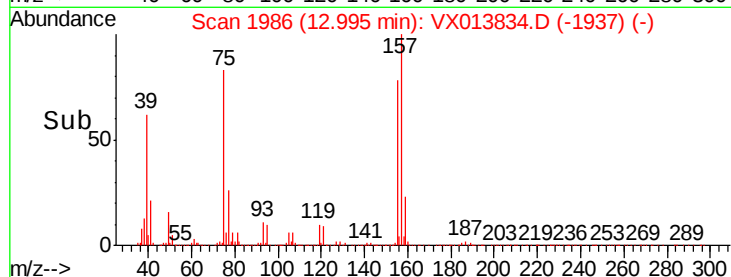
157 122.3 62.1 186.2



Abundance Ion 74.90 (74.60 to 75.60): VX013834.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013834.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013834.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 45.600 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

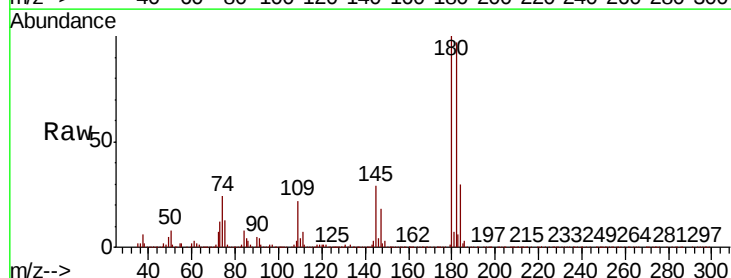
Tgt Ion: 180 Resp: 397844

Ion Ratio Lower Upper

180 100

182 95.2 47.2 141.6

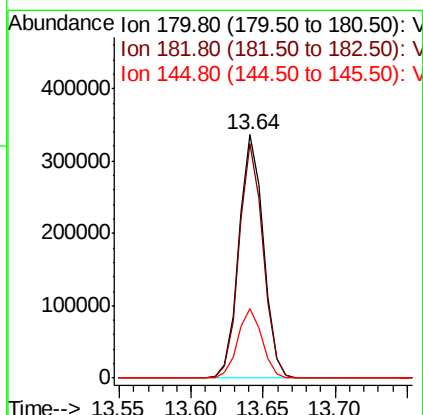
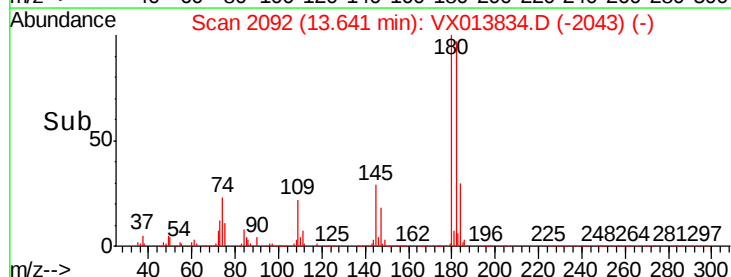
145 28.4 13.8 41.4

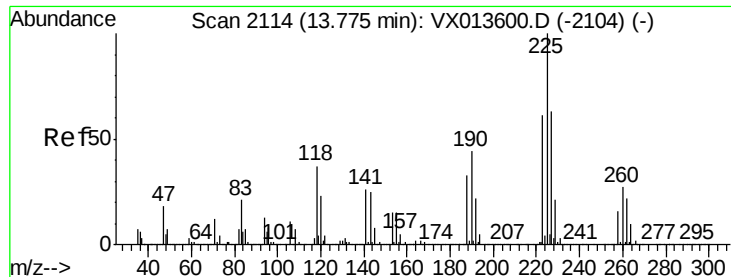


Abundance Ion 179.80 (179.50 to 180.50): VX013834.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013834.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013834.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 43.648 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

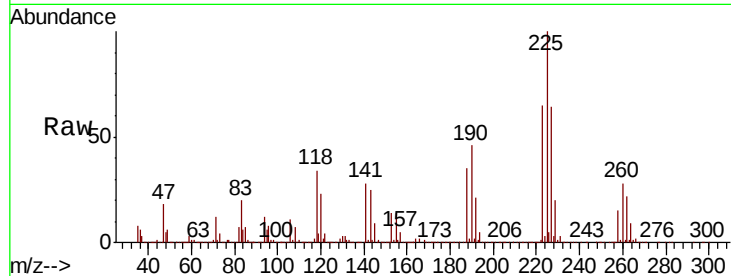
Tot Ion:225 Resp: 182936

Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

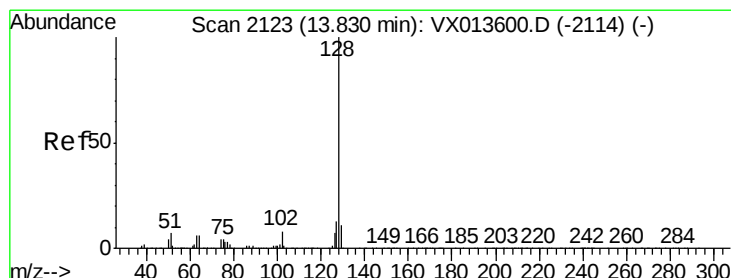
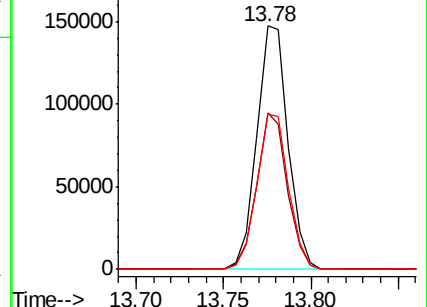
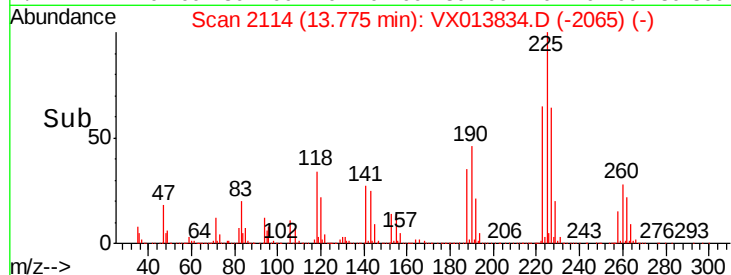
227 64.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.392 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

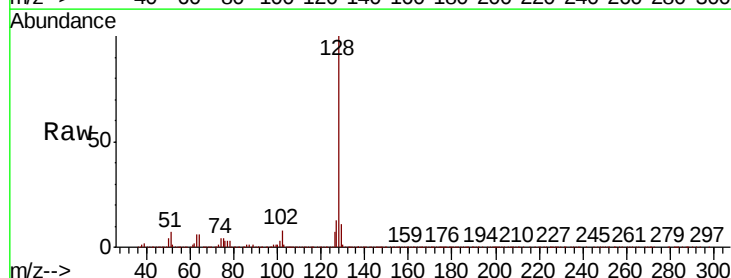
Tgt Ion:128 Resp: 1257352

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

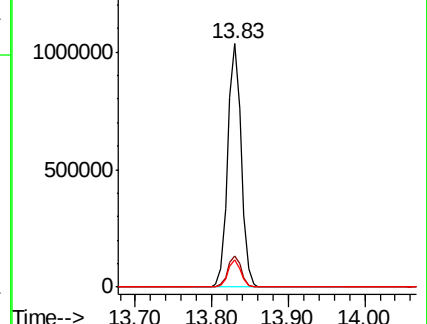
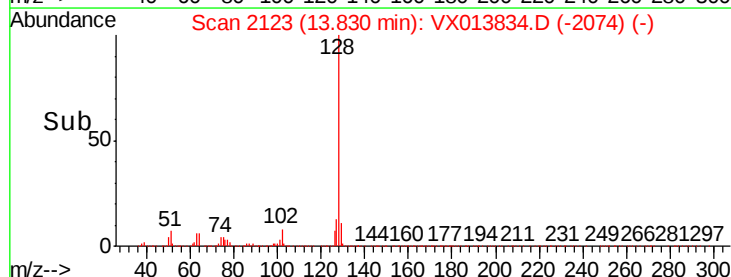
129 10.9 8.7 13.1

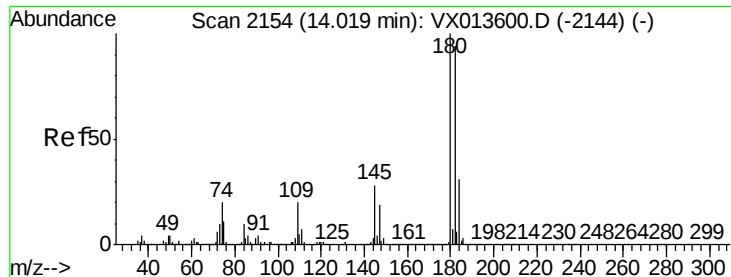


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.633 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.6	142.8
145	30.5	15.0	45.0

