

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015269.D
 Acq On : 13 Mar 2020 18:44
 Operator : JC/SP
 Sample : L1903-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Quant Time: Mar 16 08:24:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	250241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	380150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	190432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138188	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	116152	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	444118	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	164427	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94382	43.072	ug/l	99
3) Chloromethane	1.32	50	123177	39.683	ug/l	99
4) Vinyl Chloride	1.40	62	126524	40.199	ug/l	96
5) Bromomethane	1.64	94	77278	39.936	ug/l	93
6) Chloroethane	1.72	64	78023	41.324	ug/l	100
7) Trichlorofluoromethane	1.92	101	164915	44.035	ug/l	98
8) Diethyl Ether	2.18	74	72905	42.979	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115789	49.141	ug/l	97
10) Methyl Iodide	2.50	142	103353	38.824	ug/l	99
11) Tert butyl alcohol	3.05	59	132658	257.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109793	45.149	ug/l	96
13) Acrolein	2.29	56	123082	254.272	ug/l	100
14) Allyl chloride	2.72	41	207470	48.930	ug/l	93
15) Acrylonitrile	3.13	53	344232	268.352	ug/l	99
16) Acetone	2.44	43	275911	229.485	ug/l	98
17) Carbon Disulfide	2.56	76	281854	41.736	ug/l	100
18) Methyl Acetate	2.76	43	155009	52.727	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	372772	49.055	ug/l	97
20) Methylene Chloride	2.85	84	126357	44.907	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	119066	45.855	ug/l	99
22) Diisopropyl ether	3.84	45	429380	50.827	ug/l	99
23) Vinyl Acetate	3.81	43	1803020	259.644	ug/l	99
24) 1,1-Dichloroethane	3.69	63	226233	48.252	ug/l	100
25) 2-Butanone	4.66	43	472831	268.628	ug/l	100
26) 2,2-Dichloropropane	4.58	77	148704	39.952	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	151129	51.880	ug/l	98
28) Bromochloromethane	5.01	49	107367	50.289	ug/l	96
29) Tetrahydrofuran	5.12	42	315281	277.872	ug/l	97
30) Chloroform	5.20	83	222573	48.705	ug/l	96
31) Cyclohexane	5.58	56	197269	47.170	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	180505	47.650	ug/l	99
36) 1,1-Dichloropropene	5.79	75	161073	45.833	ug/l	98
37) Ethyl Acetate	4.82	43	184845	56.702	ug/l	99
38) Carbon Tetrachloride	5.78	117	156061	47.045	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191613	46.694	ug/l	97
40) Benzene	6.14	78	502166	48.162	ug/l	99
41) Methacrylonitrile	5.03	41	106015	54.142	ug/l	96
42) 1,2-Dichloroethane	6.18	62	169471	47.330	ug/l	99
43) Isopropyl Acetate	6.43	43	299238	52.179	ug/l	99
44) Trichloroethene	7.21	130	753563	259.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133330	49.404	ug/l	99
46) Dibromomethane	7.65	93	84809	48.228	ug/l	97
47) Bromodichloromethane	7.89	83	169105	48.629	ug/l	99
48) Methyl methacrylate	7.76	41	150042	51.405	ug/l	97
49) 1,4-Dioxane	7.75	88	67768	1073.842	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	930693	274.480	ug/l	100
52) Toluene	8.78	92	311362	48.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182817	49.392	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201295	48.106	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	131340	50.054	ug/l	99
56) Ethyl methacrylate	9.17	69	203105	54.266	ug/l	96
57) 1,3-Dichloropropane	9.37	76	216360	49.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	492135	241.364	ug/l	100
59) 2-Hexanone	9.48	43	697507	277.540	ug/l	98
60) Dibromochloromethane	9.58	129	137983	50.059	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132817	48.190	ug/l	99
64) Tetrachloroethene	9.33	164	187024	63.658	ug/l	98
65) Chlorobenzene	10.14	112	335682	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	127913	47.552	ug/l	98
67) Ethyl Benzene	10.25	91	585750	48.353	ug/l	99
68) m/p-Xylenes	10.35	106	451822	98.032	ug/l	100
69) o-Xylene	10.70	106	215802	48.904	ug/l	100
70) Styrene	10.71	104	385292	50.923	ug/l	99
71) Bromoform	10.85	173	108416	51.973	ug/l #	98
73) Isopropylbenzene	11.01	105	580166	47.692	ug/l	100
74) N-amyl acetate	10.89	43	257432	50.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	187730	46.306	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	215357	56.695	ug/l	78
77) Bromobenzene	11.25	156	154787	45.657	ug/l	98
78) n-propylbenzene	11.35	91	672598	48.395	ug/l	100
79) 2-Chlorotoluene	11.42	91	388978	46.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	476755	47.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62991	47.063	ug/l	96
82) 4-Chlorotoluene	11.51	91	452477	46.144	ug/l	100
83) tert-Butylbenzene	11.76	119	461528	47.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497645	48.916	ug/l	100
85) sec-Butylbenzene	11.94	105	570697	48.280	ug/l	100
86) p-Isopropyltoluene	12.06	119	529673	48.636	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277788	46.610	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278688	45.293	ug/l	99
89) n-Butylbenzene	12.39	91	462609	47.760	ug/l	100
90) Hexachloroethane	12.59	117	93250	45.292	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	273112	46.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40384	49.745	ug/l	96

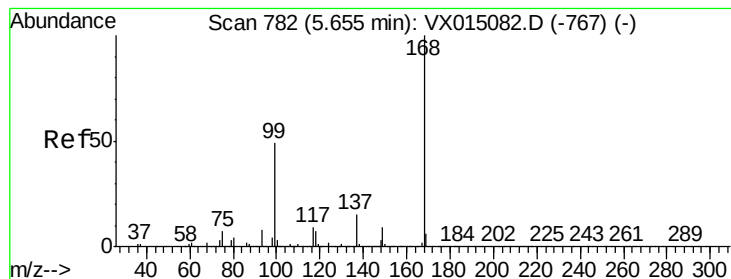
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	198687	48.307	ug/l	100
94) Hexachlorobutadiene	13.78	225	94627	44.835	ug/l	97
95) Naphthalene	13.83	128	581876	46.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200978	48.975	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

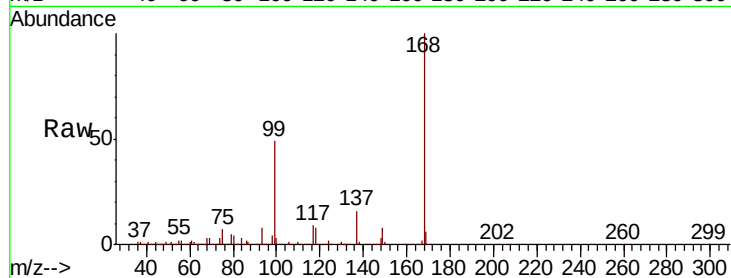
RE131D1-20200309MS

Tot Ion:168 Resp: 250241

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

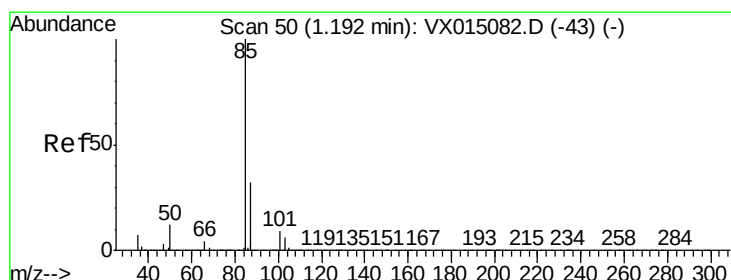
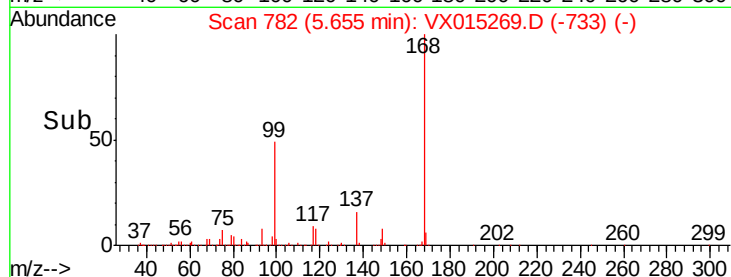
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.072 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015269.D

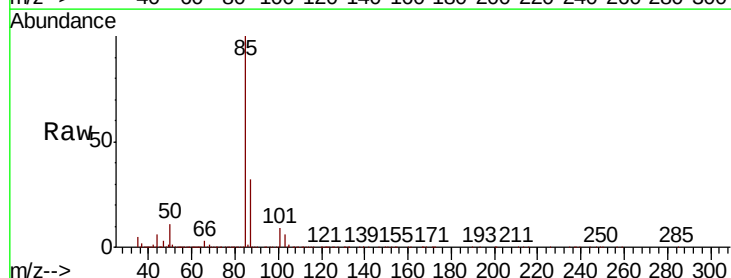
Acq: 13 Mar 2020 18:44

Tgt Ion: 85 Resp: 94382

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

40000

20000

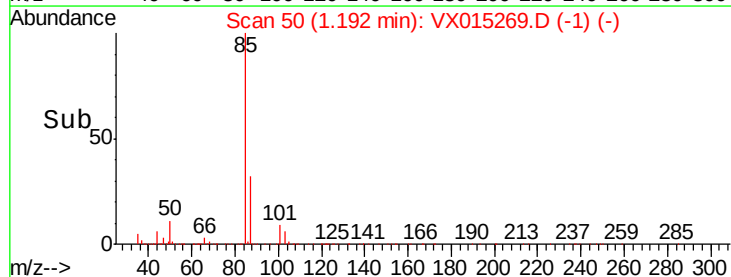
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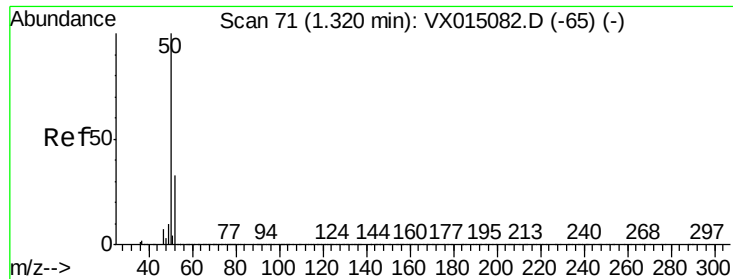
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 39.683 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

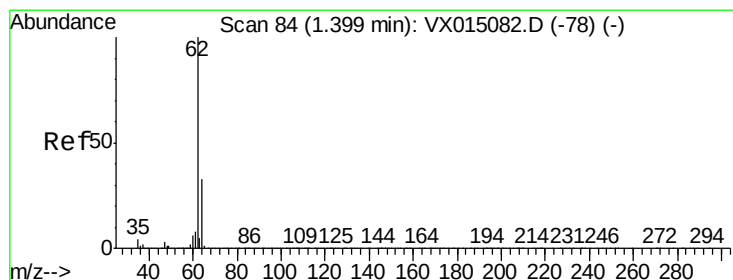
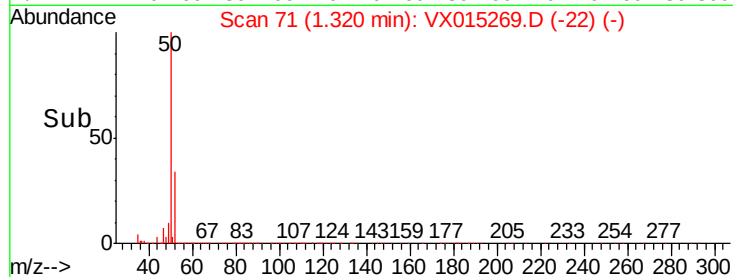
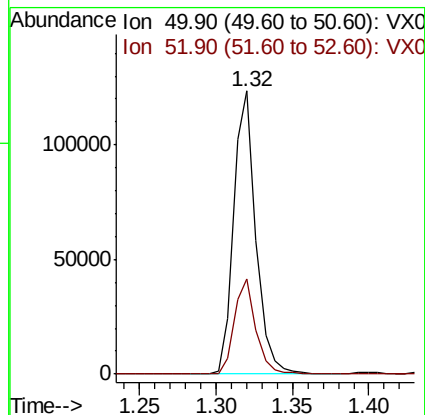
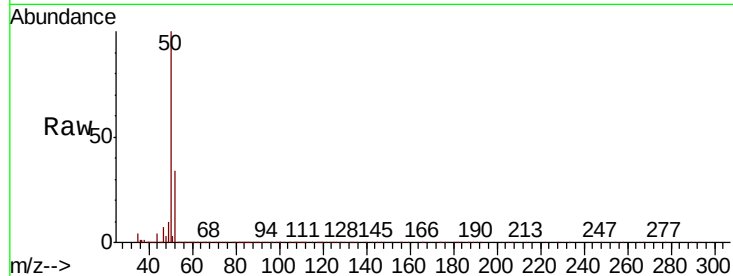
RE131D1-20200309MS

Tot Ion: 50 Resp: 123177

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



#4

Vinyl Chloride

Concen: 40.199 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015269.D

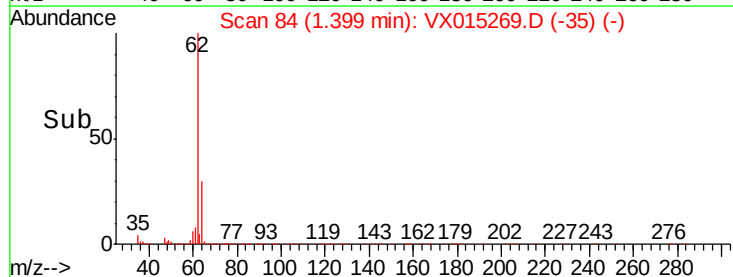
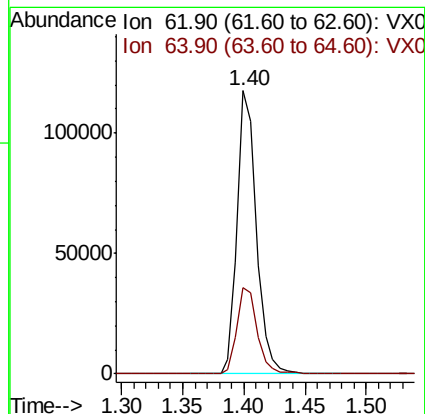
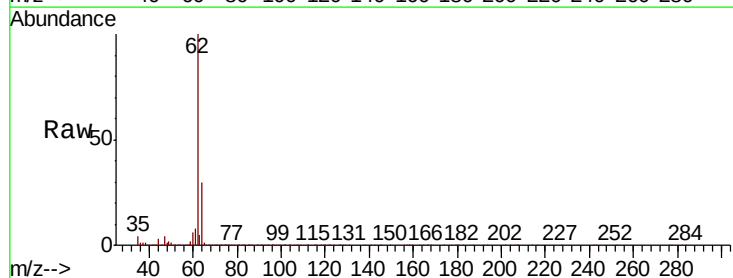
Acq: 13 Mar 2020 18:44

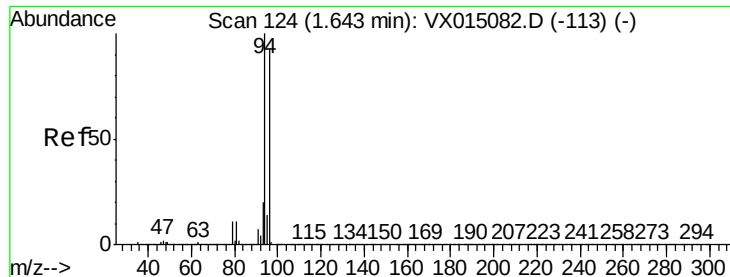
Tgt Ion: 62 Resp: 126524

Ion Ratio Lower Upper

62 100

64 30.3 26.1 39.1





#5

Bromomethane

Concen: 39.936 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

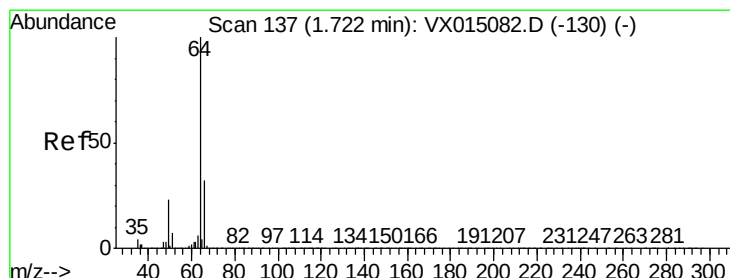
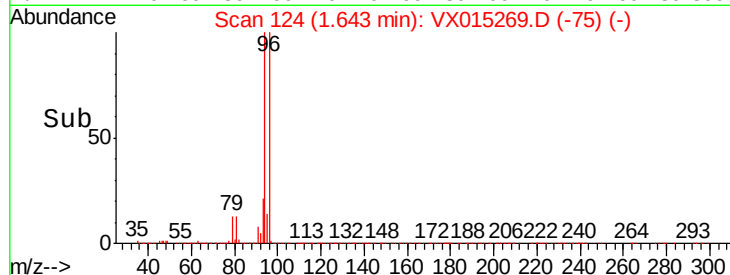
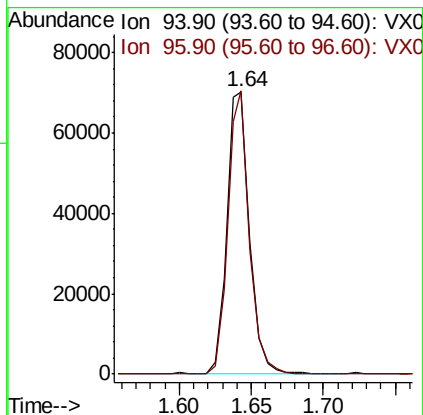
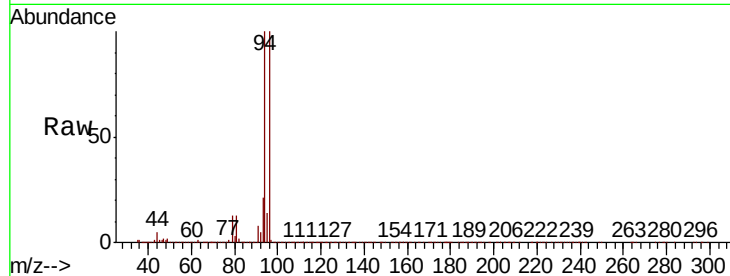
RE131D1-20200309MS

Tot Ion: 94 Resp: 77278

Ion Ratio Lower Upper

94 100

96 100.2 74.6 111.8



#6

Chloroethane

Concen: 41.324 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015269.D

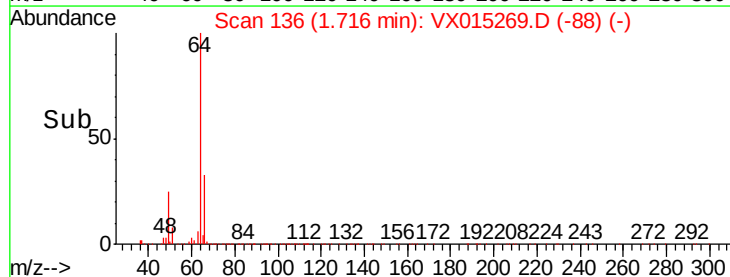
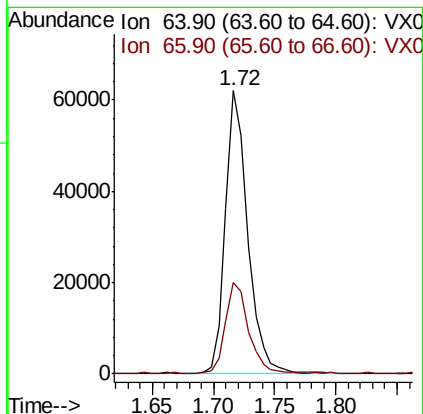
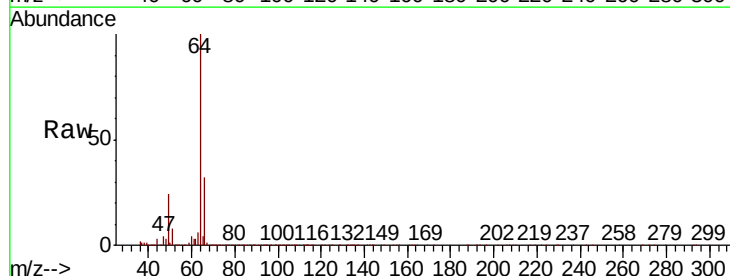
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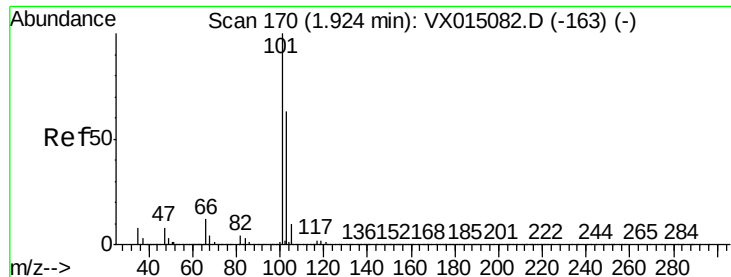
Tgt Ion: 64 Resp: 78023

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8



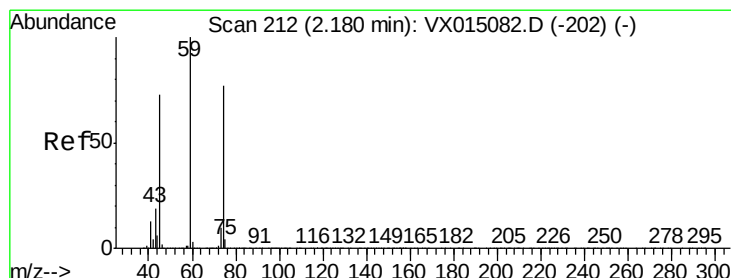
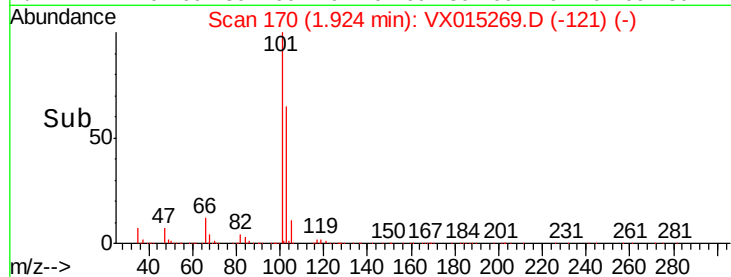
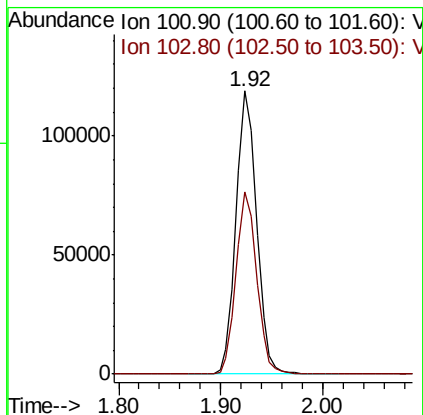
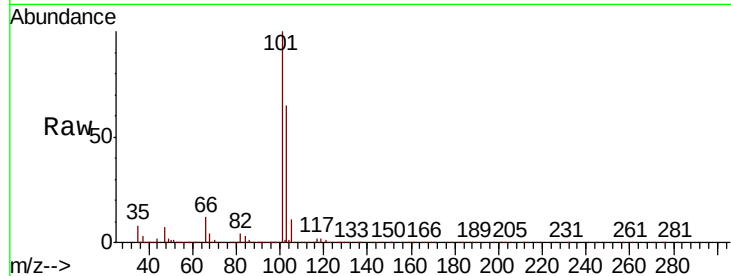


#7

Trichlorofluoromethane
Concen: 44.035 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

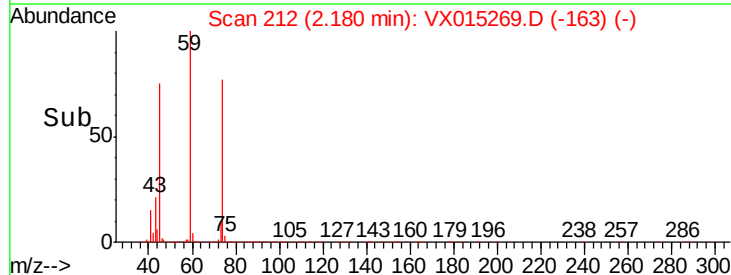
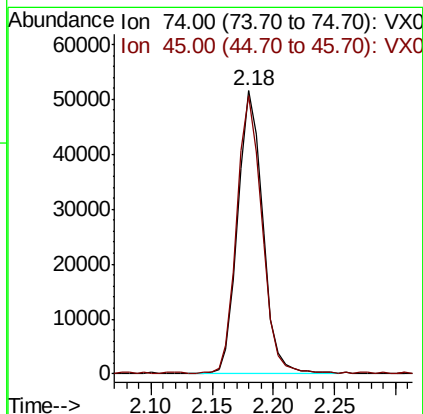
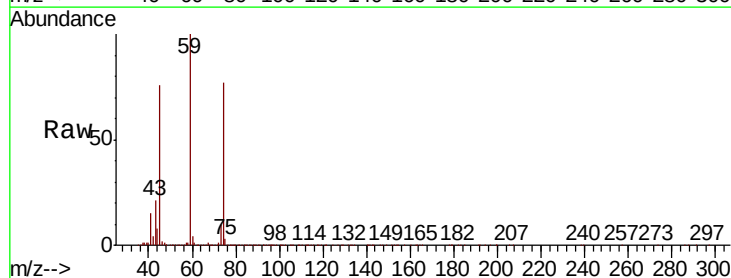
Tot Ion:101 Resp: 164915
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

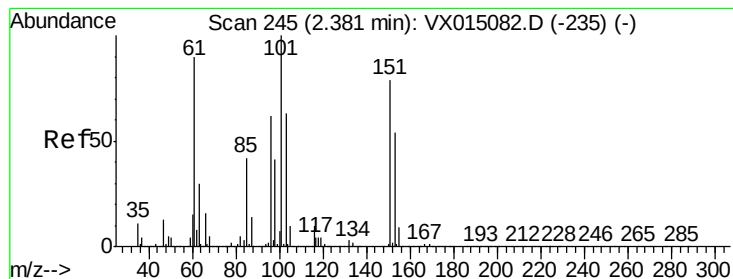


#8

Diethyl Ether
Concen: 42.979 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 74 Resp: 72905
Ion Ratio Lower Upper
74 100
45 98.5 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.141 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

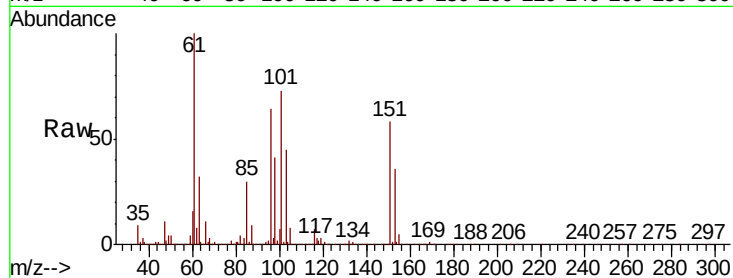
Tot Ion:101 Resp: 115789

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

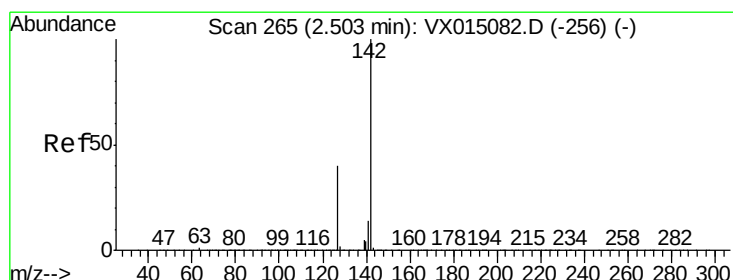
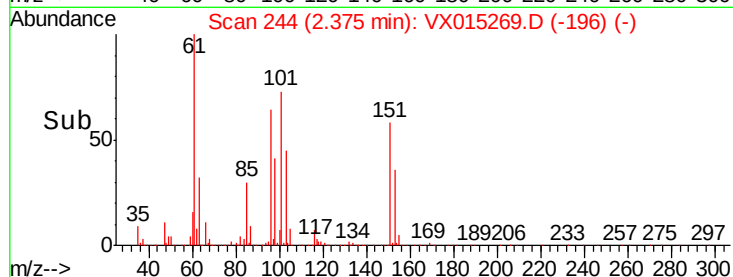
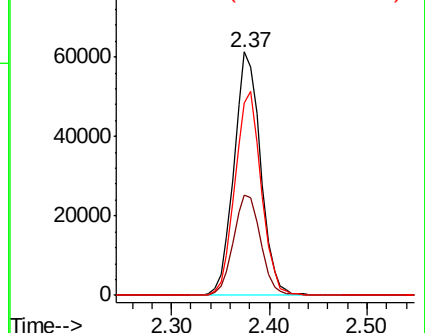
151 83.1 64.0 96.0



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: 38.824 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

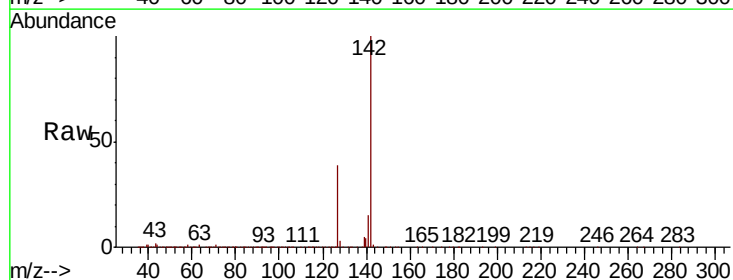
Tgt Ion:142 Resp: 103353

Ion Ratio Lower Upper

142 100

127 39.2 31.7 47.5

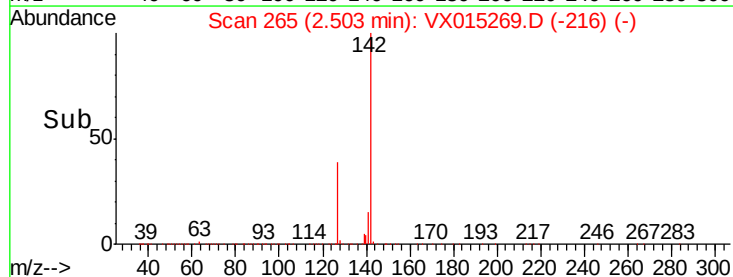
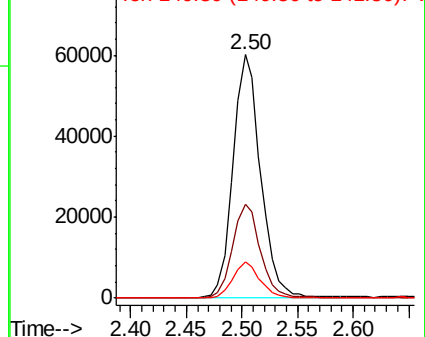
141 14.8 11.3 16.9

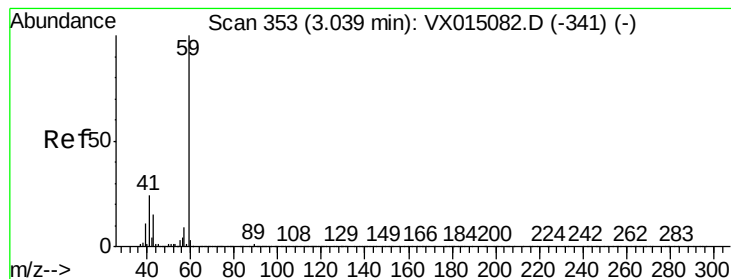


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



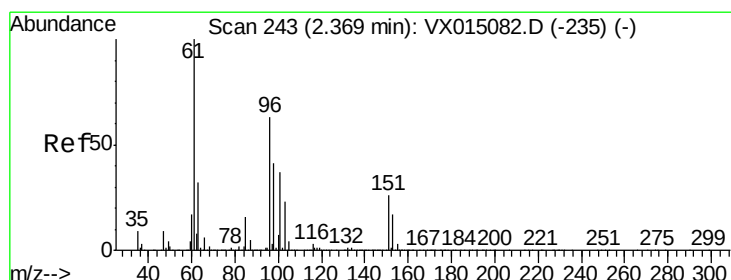
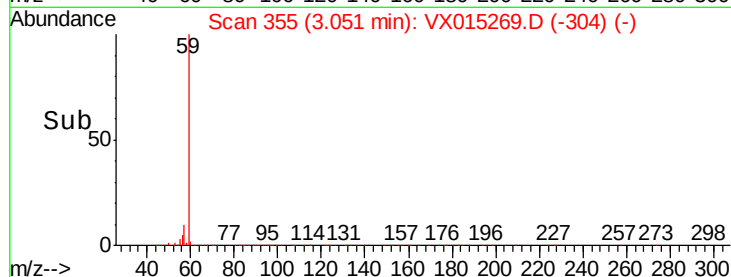
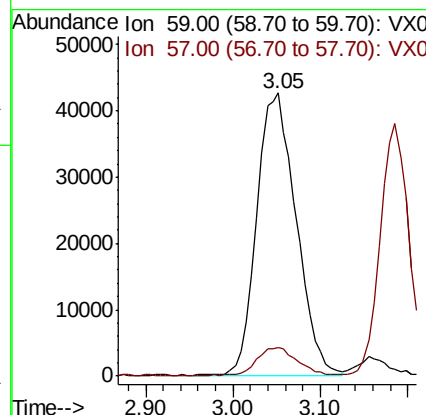
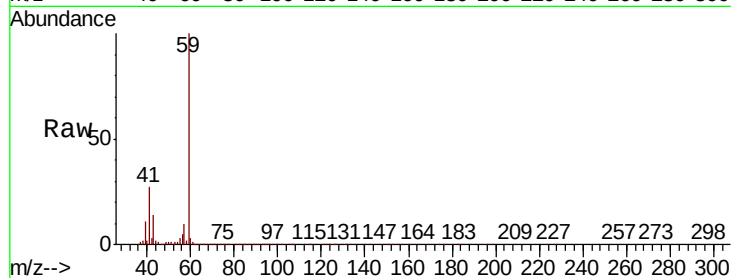


#11

Tert butyl alcohol
Concen: 257.547 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

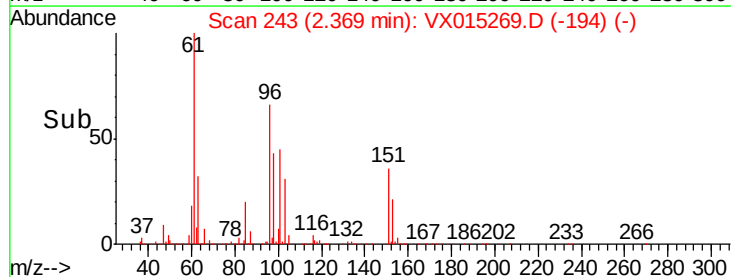
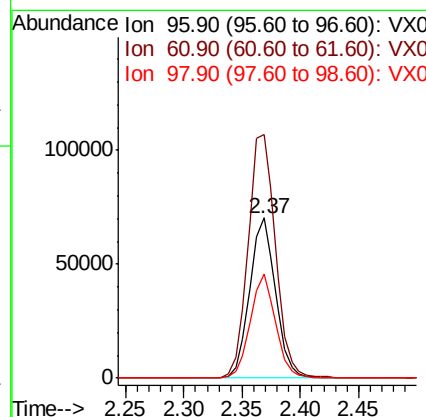
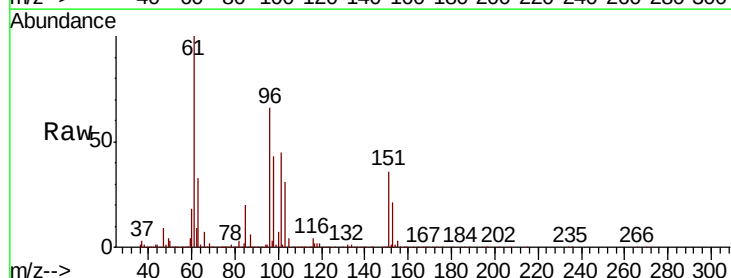
Tot Ion: 59 Resp: 132658
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

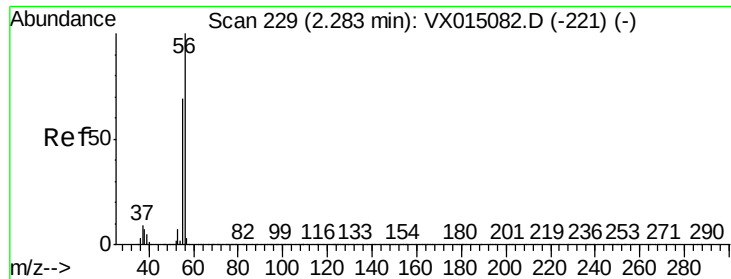


#12

1,1-Dichloroethene
Concen: 45.149 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 96 Resp: 109793
Ion Ratio Lower Upper
96 100
61 152.0 126.2 189.4
98 65.4 51.4 77.0





#13

Acrolein

Concen: 254.272 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

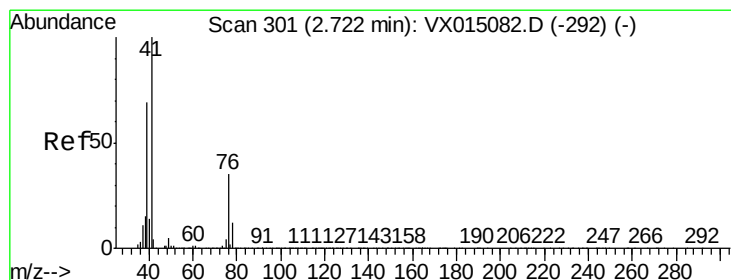
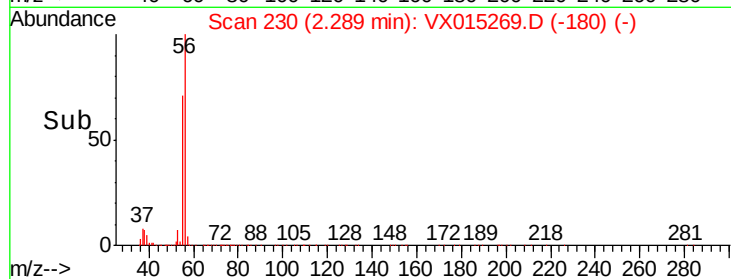
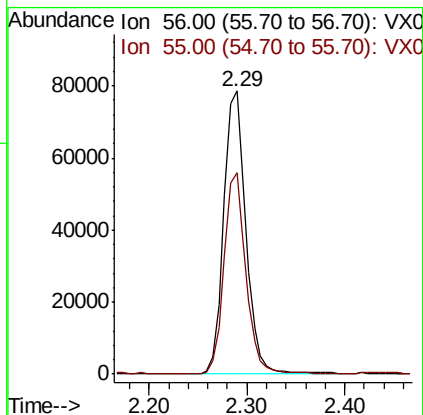
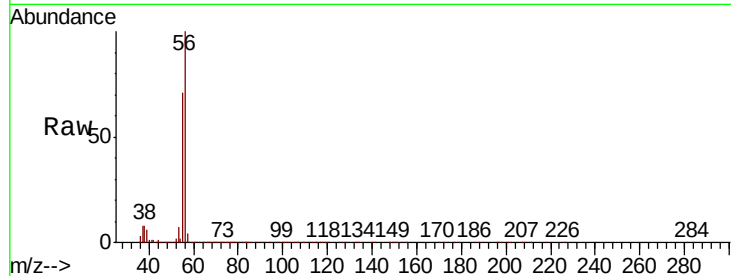
RE131D1-20200309MS

Tot Ion: 56 Resp: 123082

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 48.930 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

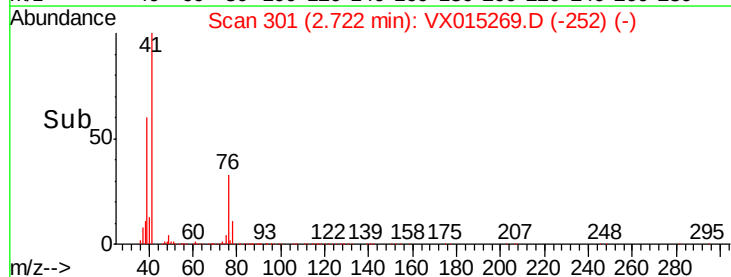
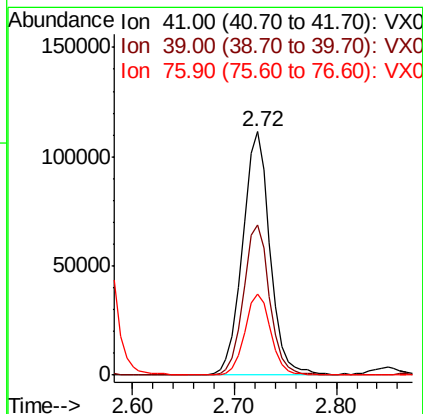
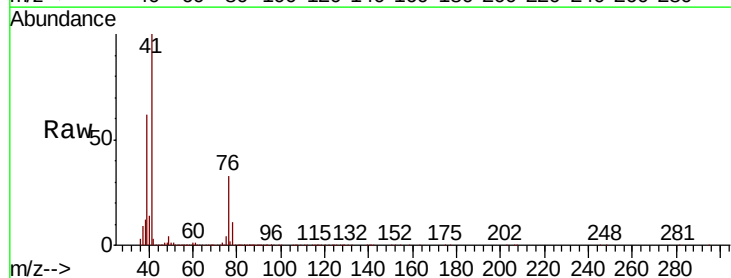
Tgt Ion: 41 Resp: 207470

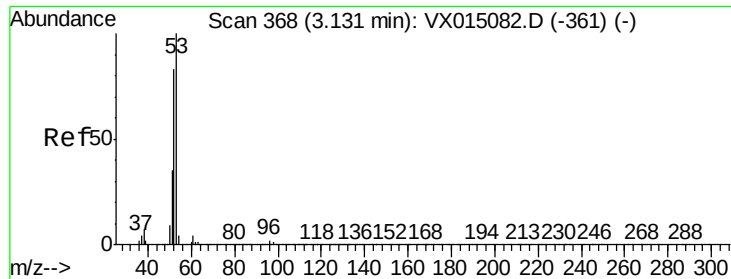
Ion Ratio Lower Upper

41 100

39 58.8 52.9 79.3

76 31.1 26.8 40.2

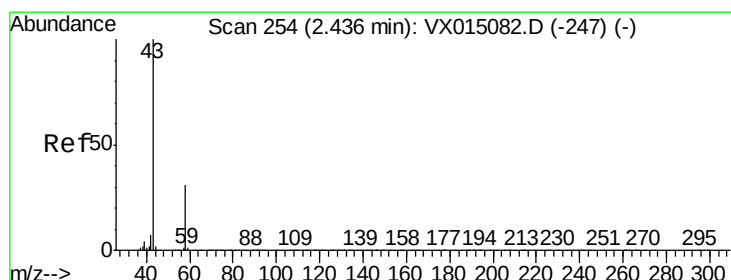
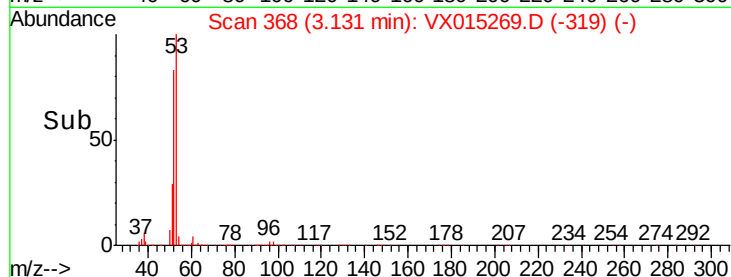
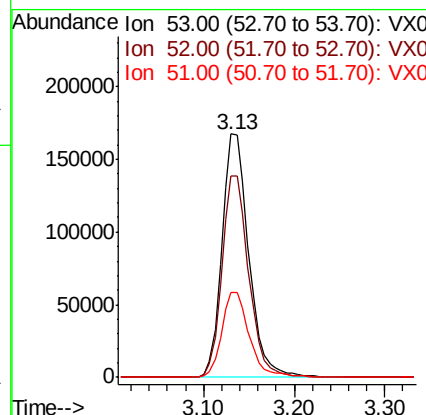
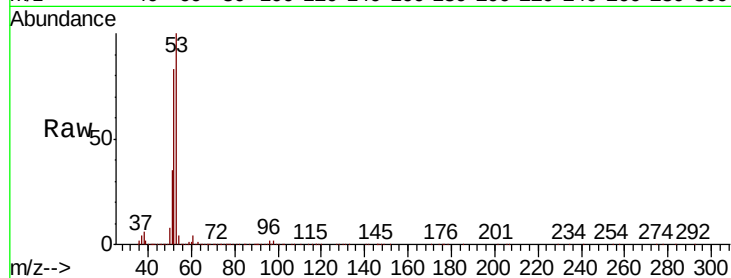




#15
 Acrylonitrile
 Concen: 268.352 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

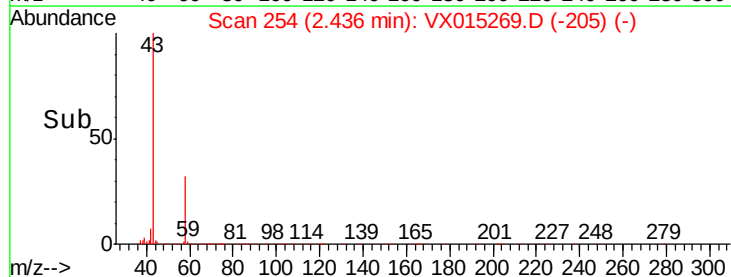
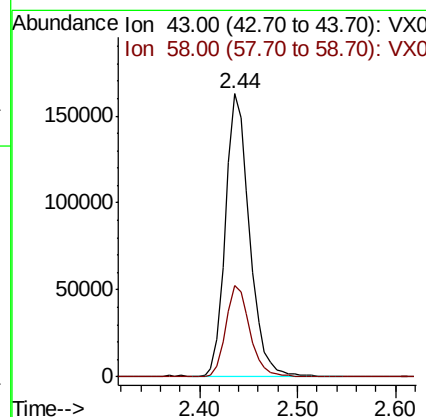
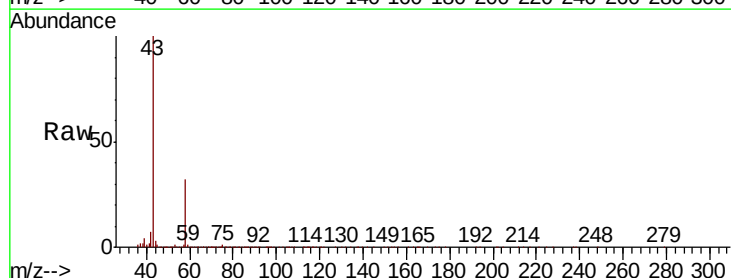
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

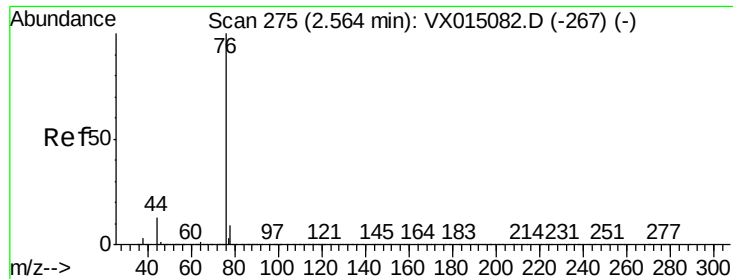
Tot Ion	53	Resp	344232
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	35.6	29.0	43.6



#16
 Acetone
 Concen: 229.485 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	43	Resp	275911
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.8	37.2





#17

Carbon Disulfide

Concen: 41.736 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

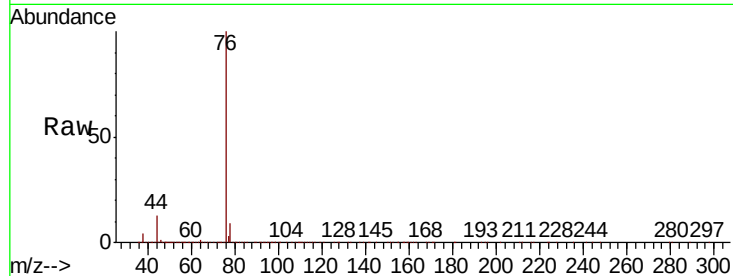
RE131D1-20200309MS

Tot Ion: 76 Resp: 281854

Ion Ratio Lower Upper

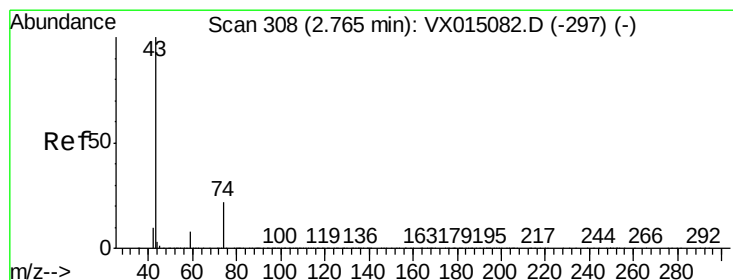
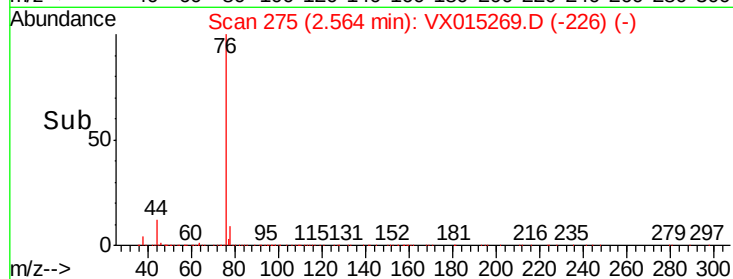
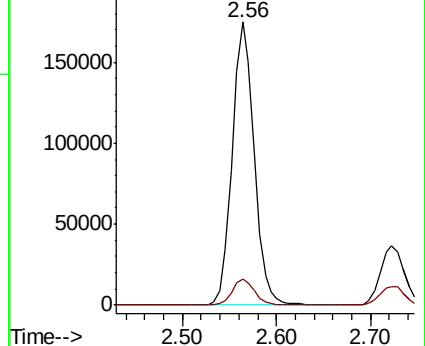
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.727 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015269.D

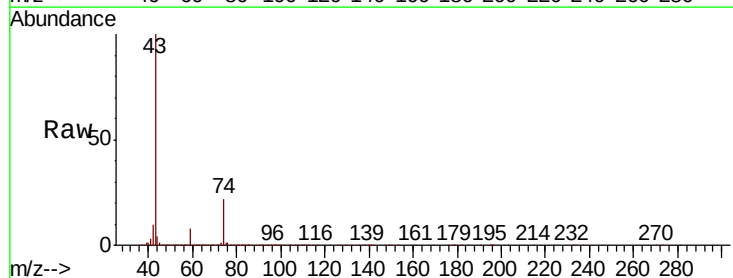
Acq: 13 Mar 2020 18:44

Tgt Ion: 43 Resp: 155009

Ion Ratio Lower Upper

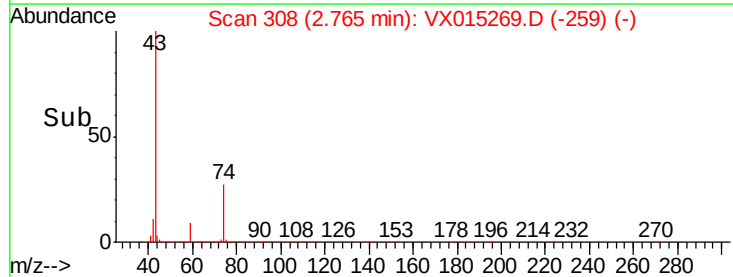
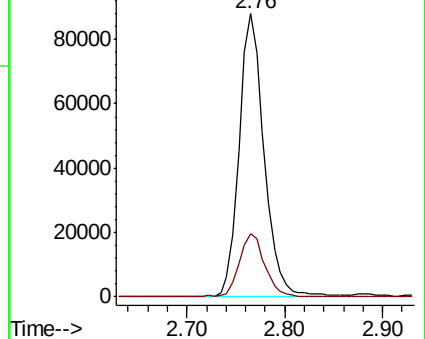
43 100

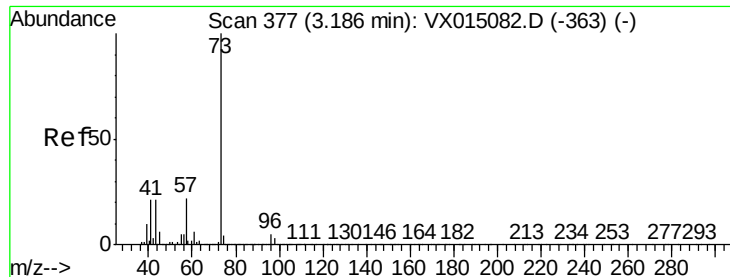
74 23.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

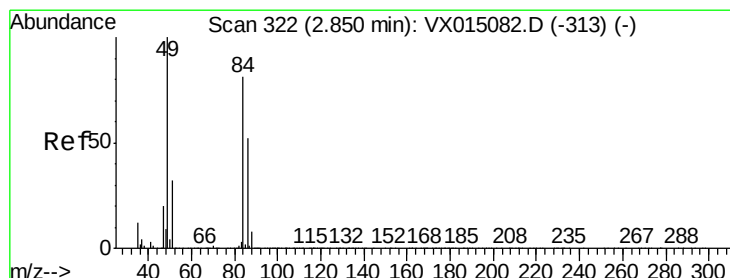
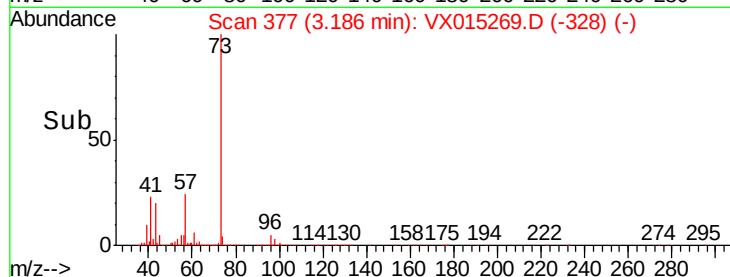
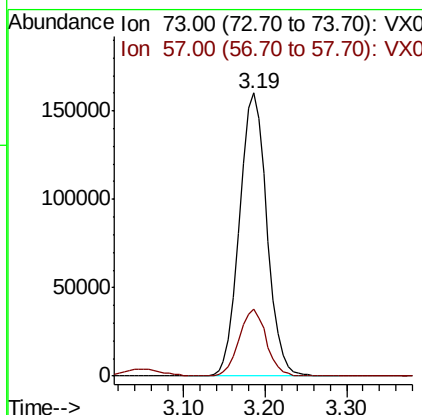
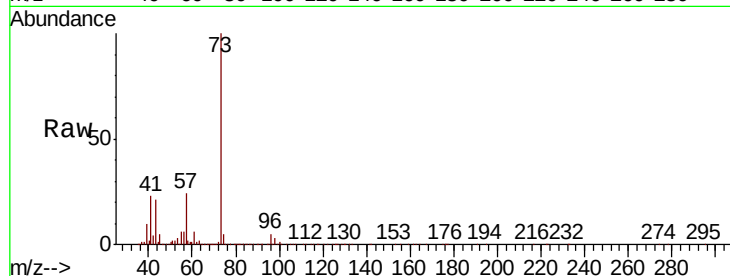




#19
Methyl tert-butyl Ether
Concen: 49.055 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

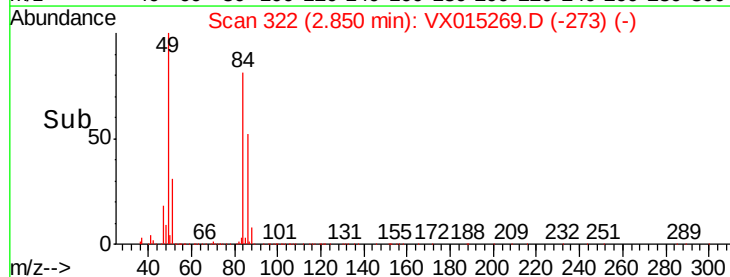
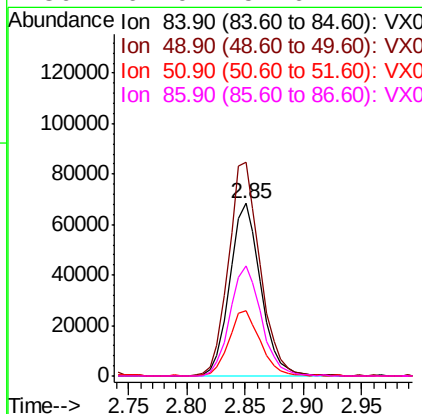
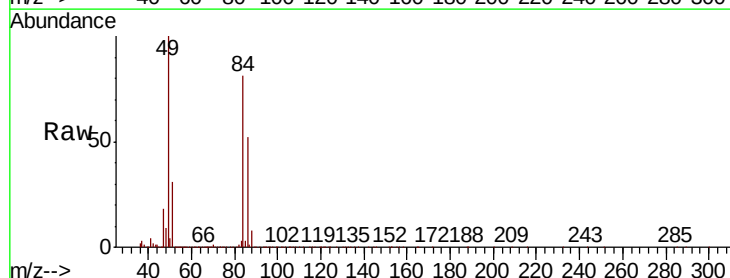
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

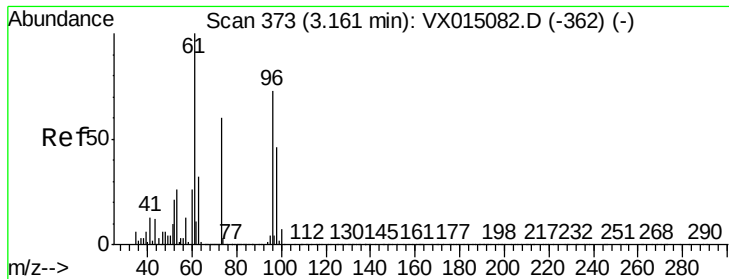
Tot Ion: 73 Resp: 372772
Ion Ratio Lower Upper
73 100
57 23.7 17.8 26.6



#20
Methylene Chloride
Concen: 44.907 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 84 Resp: 126357
Ion Ratio Lower Upper
84 100
49 123.7 99.4 149.2
51 38.0 31.5 47.3
86 64.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.855 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

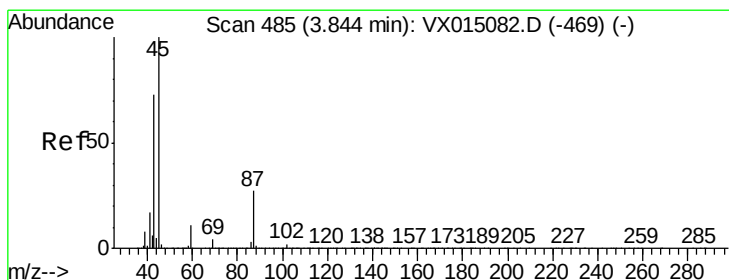
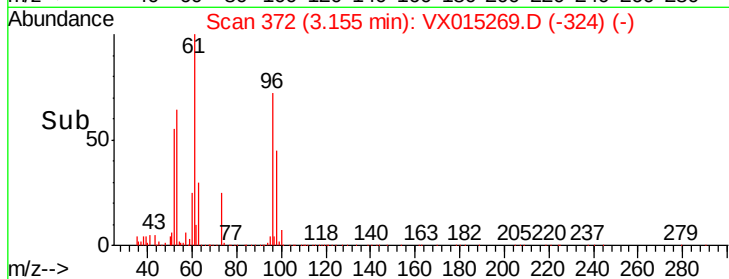
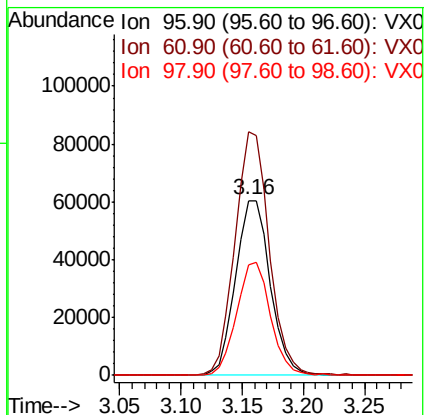
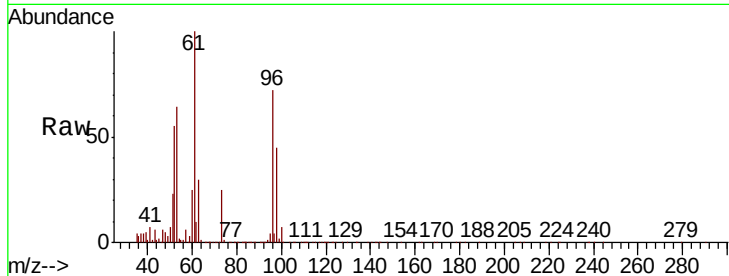
Tot Ion: 96 Resp: 119066

Ion Ratio Lower Upper

96 100

61 138.8 109.9 164.9

98 62.7 50.2 75.2



#22

Diisopropyl ether

Concen: 50.827 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion: 45 Resp: 429380

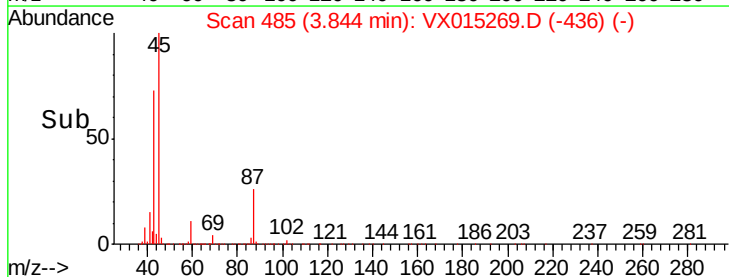
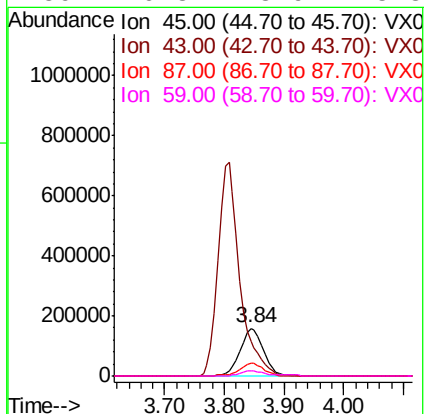
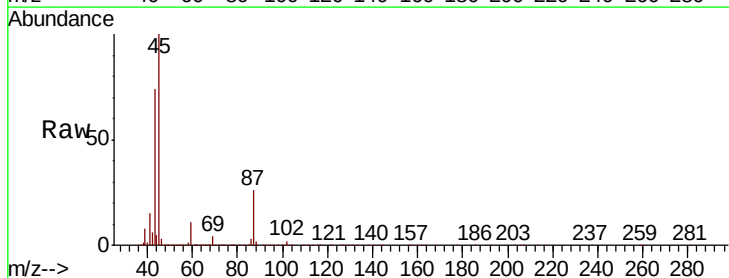
Ion Ratio Lower Upper

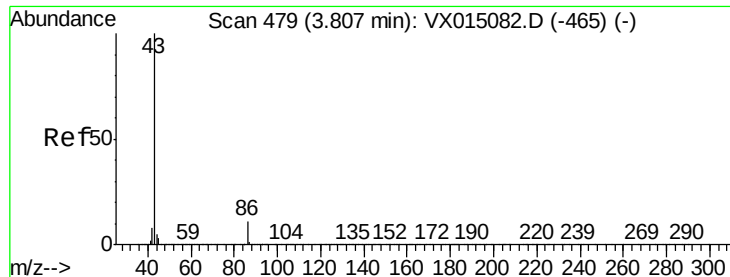
45 100

43 73.6 58.2 87.2

87 25.9 21.2 31.8

59 10.8 8.9 13.3

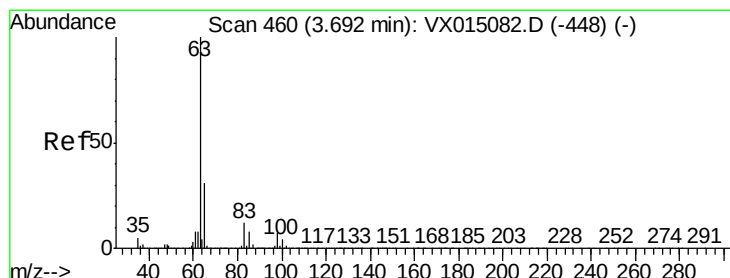
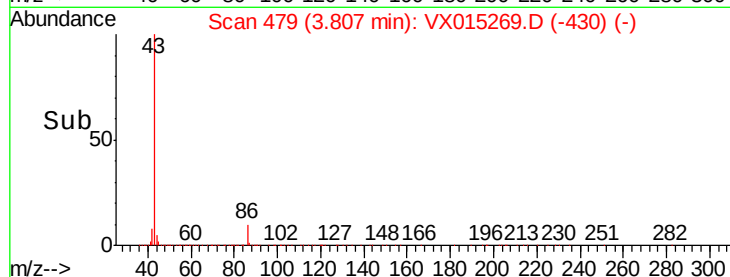
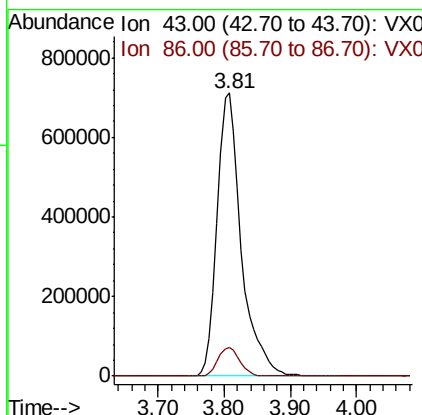
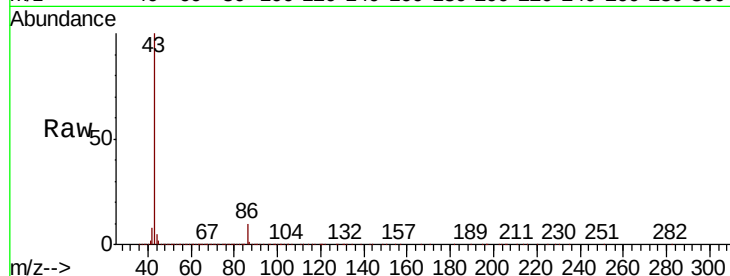




#23
 Vinyl Acetate
 Concen: 259.644 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

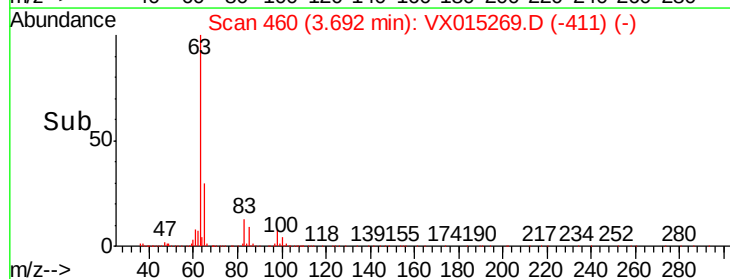
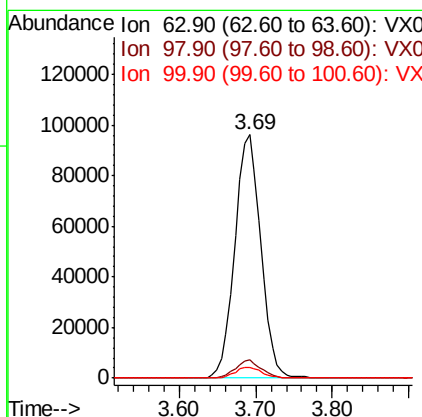
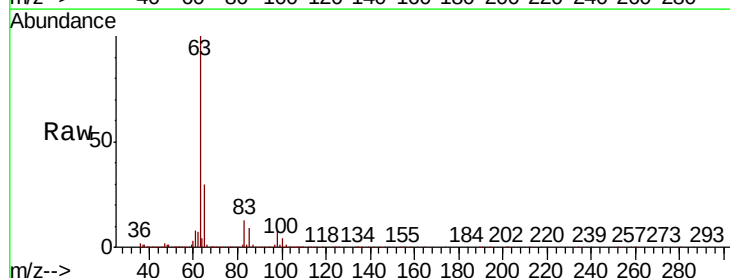
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

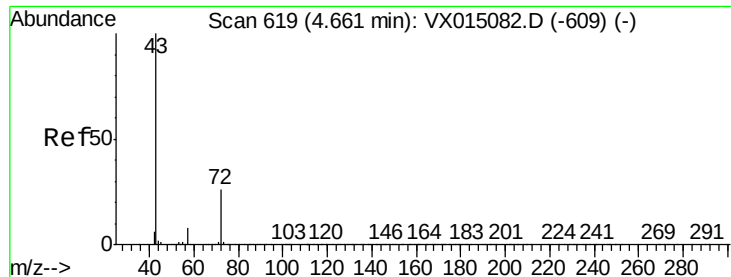
Tot Ion: 43 Resp: 1803020
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 48.252 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion: 63 Resp: 226233
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 268.628 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

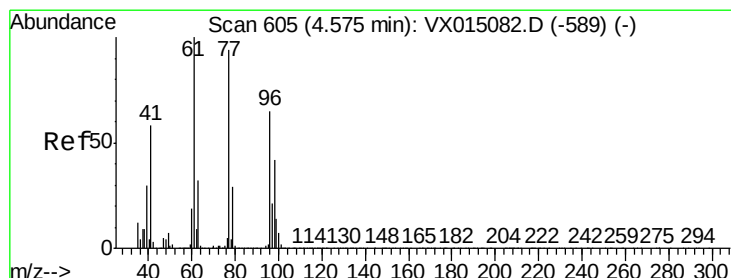
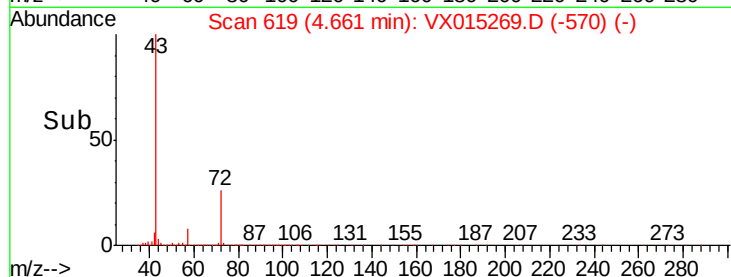
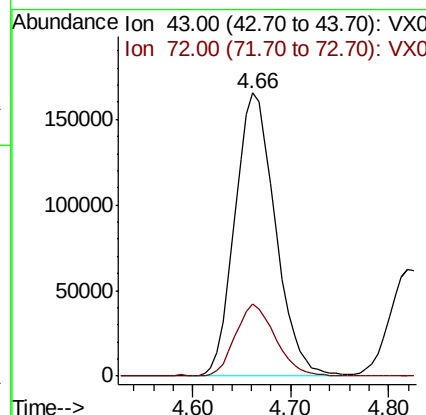
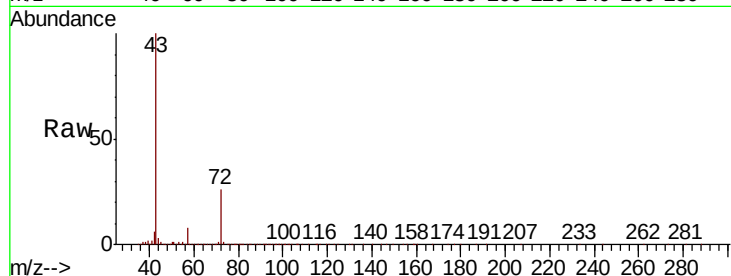
RE131D1-20200309MS

Tot Ion: 43 Resp: 472831

Ion Ratio Lower Upper

43 100

72 25.5 20.6 30.8



#26

2,2-Dichloropropane

Concen: 39.952 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015269.D

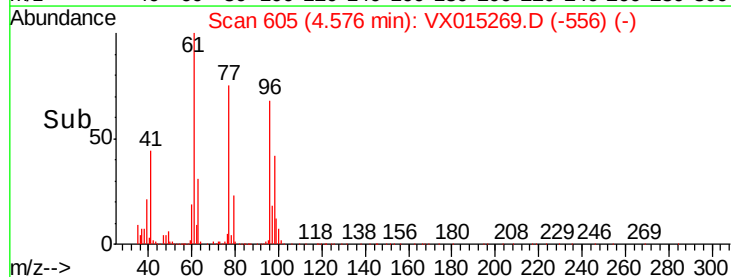
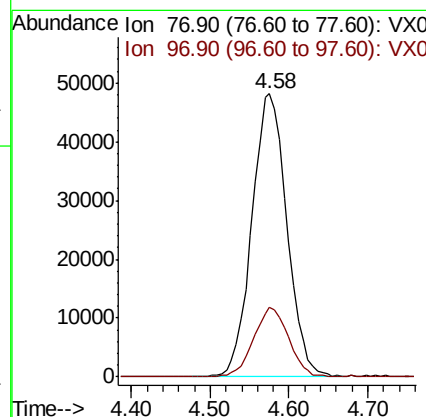
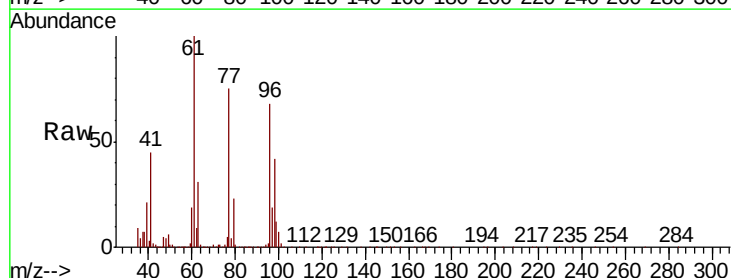
Acq: 13 Mar 2020 18:44

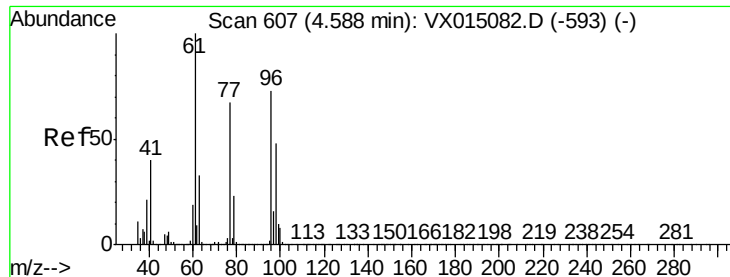
Tgt Ion: 77 Resp: 148704

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.4



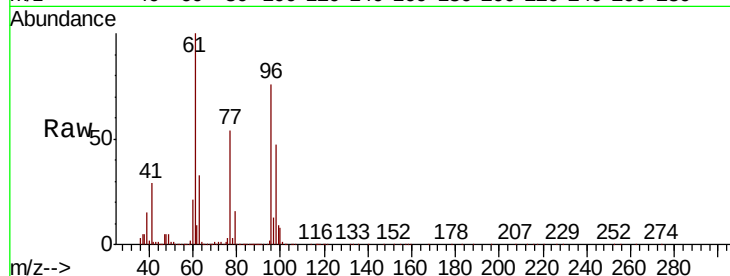


#27

cis-1,2-Dichloroethene
Concen: 51.880 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	286.8
98	64.3	0.0	128.4

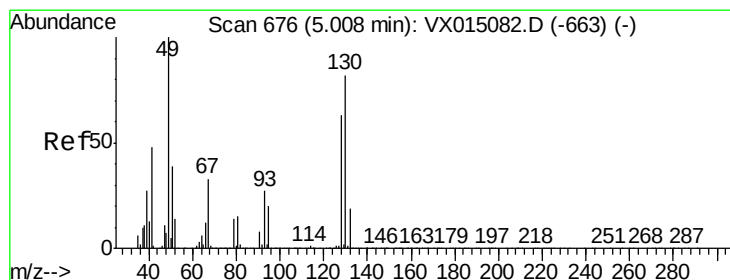
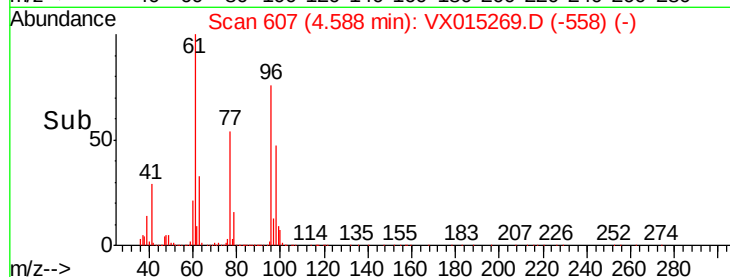
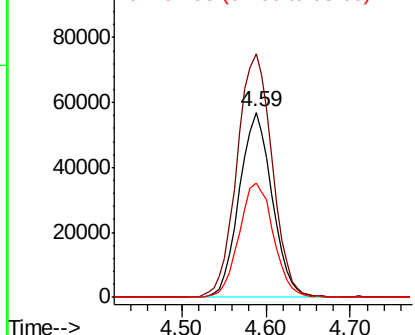


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

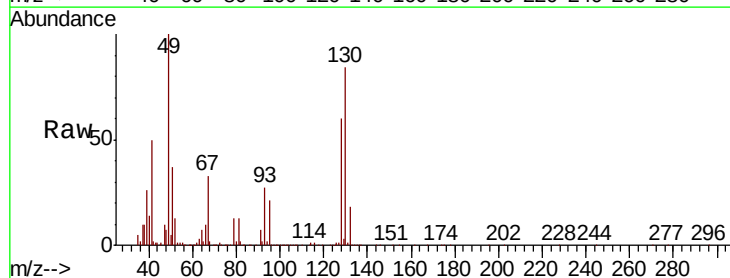
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.289 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	78.1	65.0	97.6

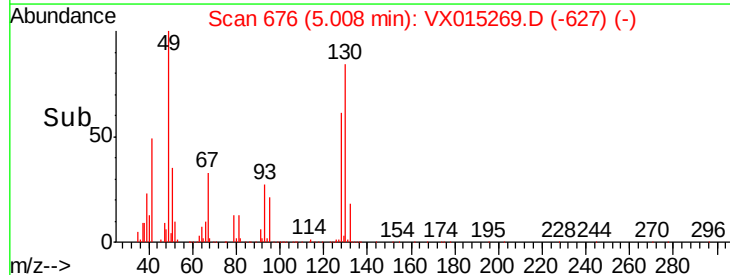
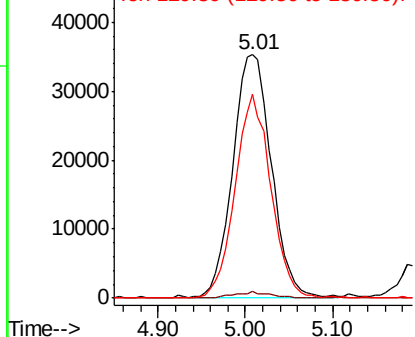


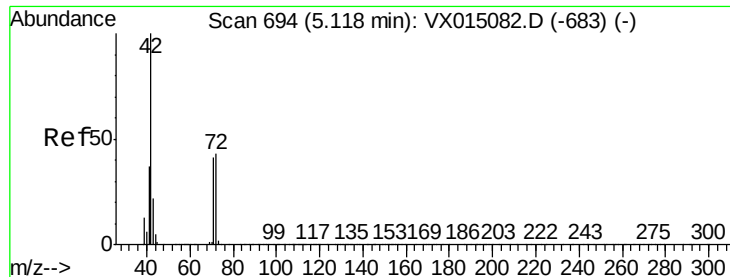
Abundance

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: 277.872 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

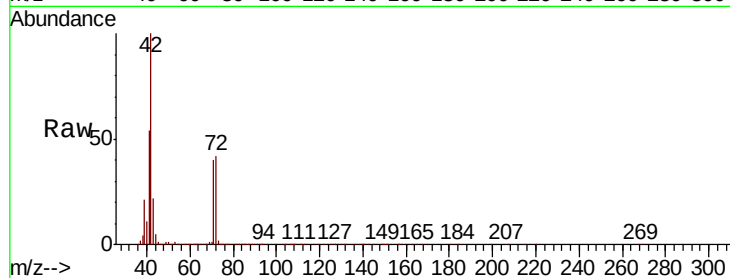
Tot Ion: 42 Resp: 315281

Ion Ratio Lower Upper

42 100

72 42.8 36.4 54.6

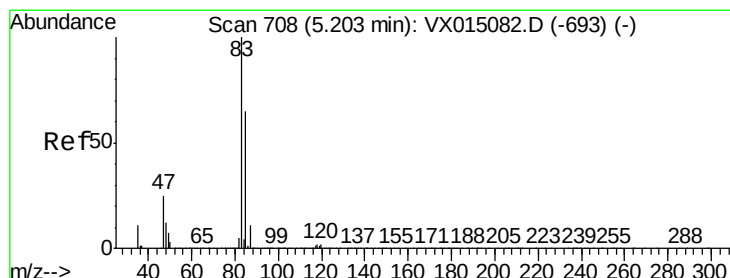
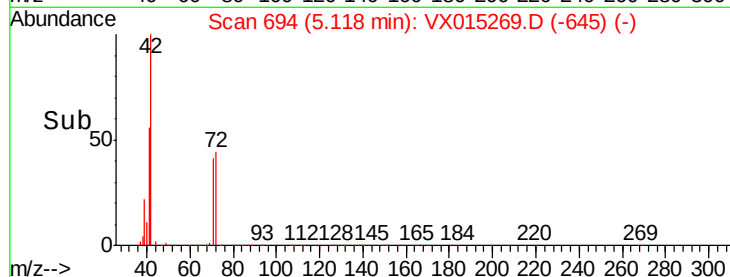
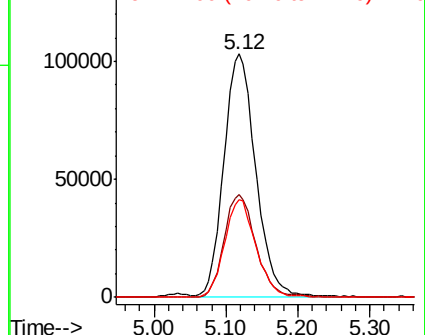
71 39.8 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.705 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015269.D

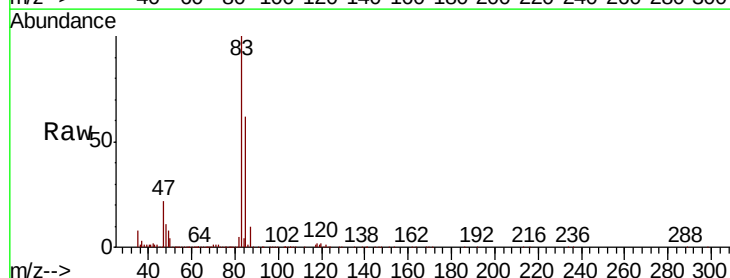
Acq: 13 Mar 2020 18:44

Tgt Ion: 83 Resp: 222573

Ion Ratio Lower Upper

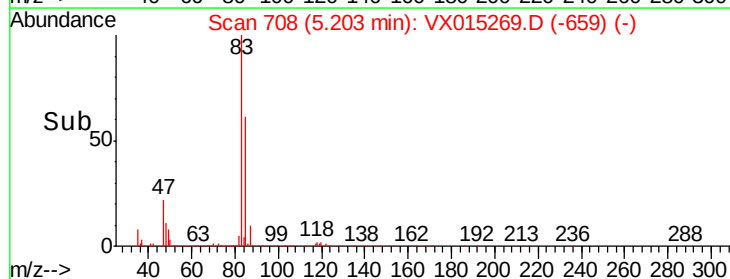
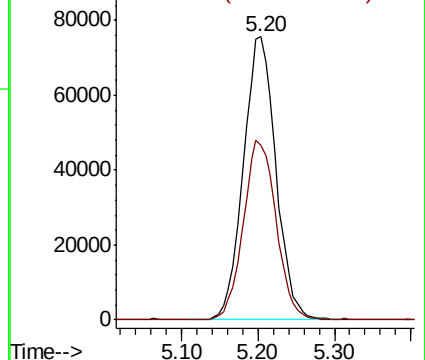
83 100

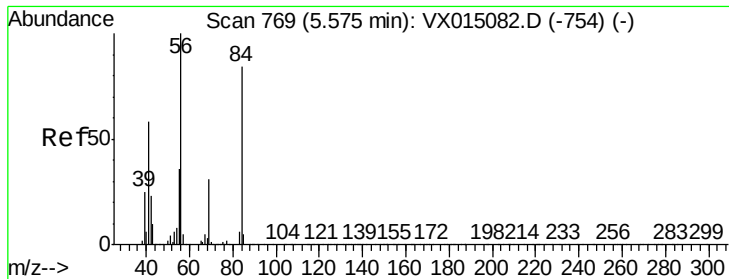
85 61.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

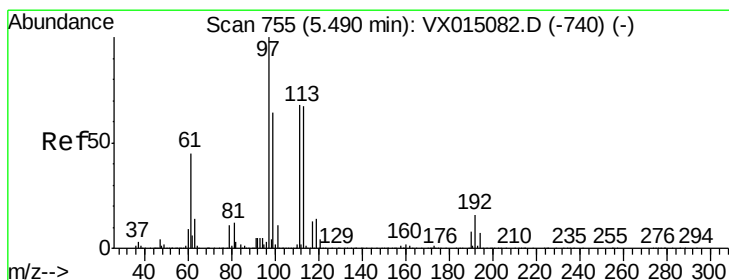
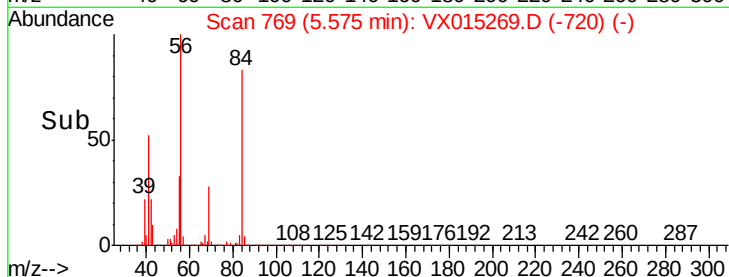
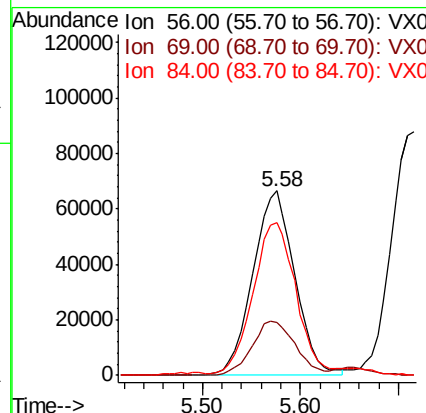
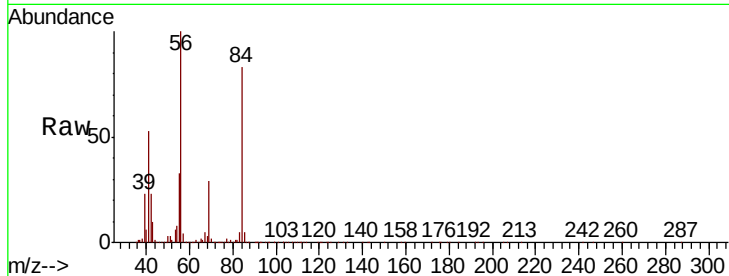




#31
Cyclohexane
Concen: 47.170 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

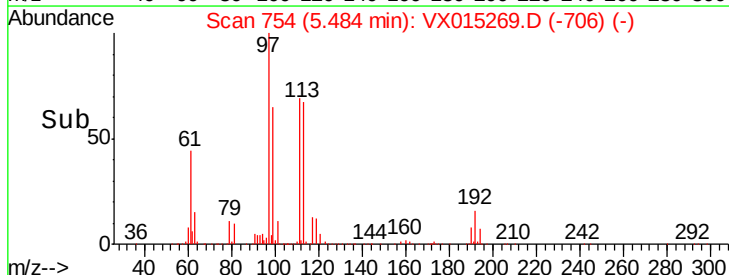
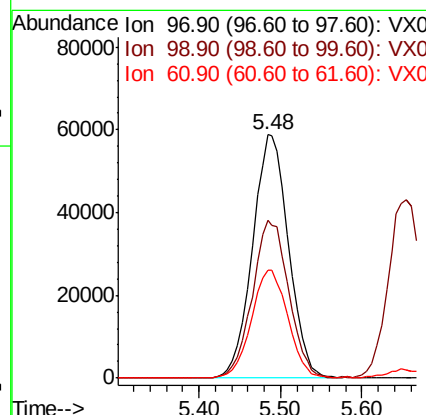
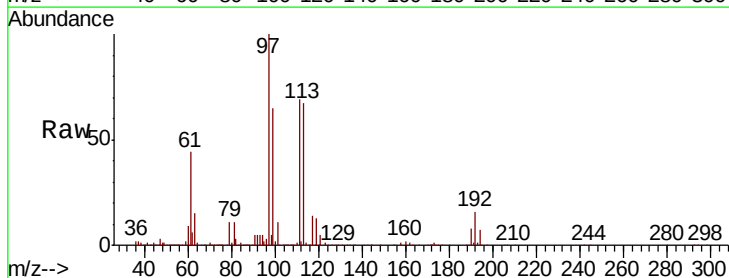
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

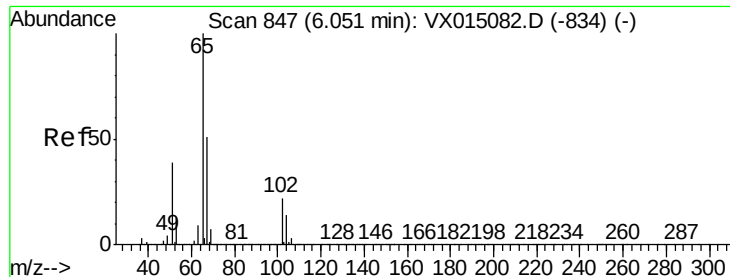
Tot Ion: 56 Resp: 197269
Ion Ratio Lower Upper
56 100
69 28.4 25.0 37.6
84 81.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 47.650 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 97 Resp: 180505
Ion Ratio Lower Upper
97 100
99 65.5 52.8 79.2
61 44.7 36.6 54.8

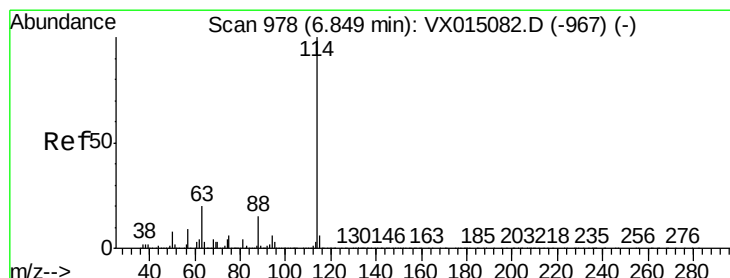
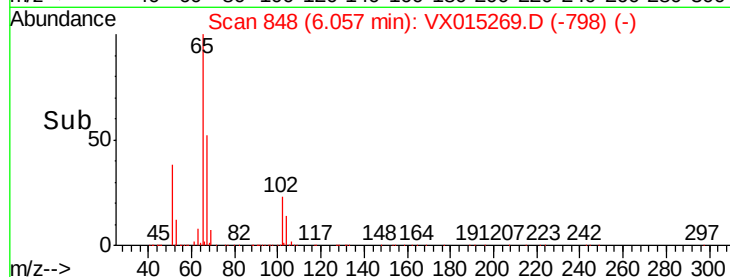
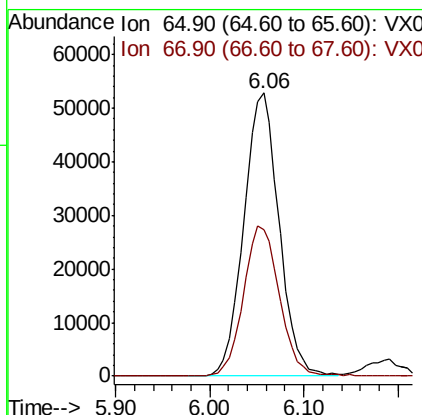
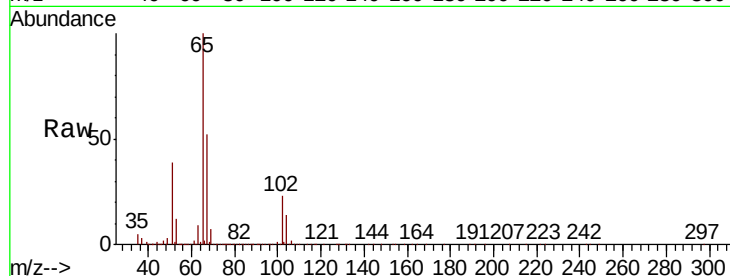




#33
 1,2-Dichloroethane-d4
 Concen: 46.547 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

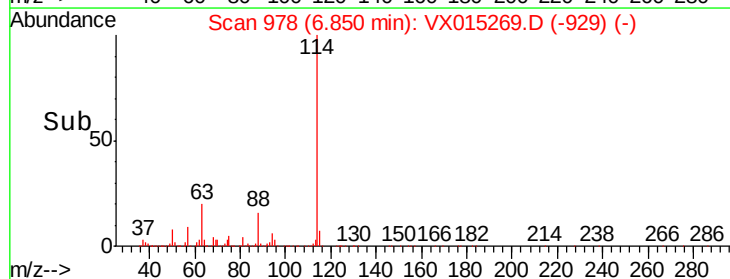
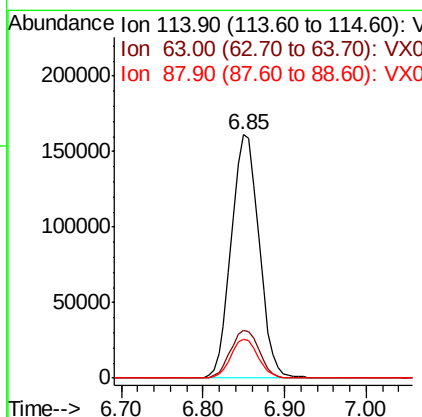
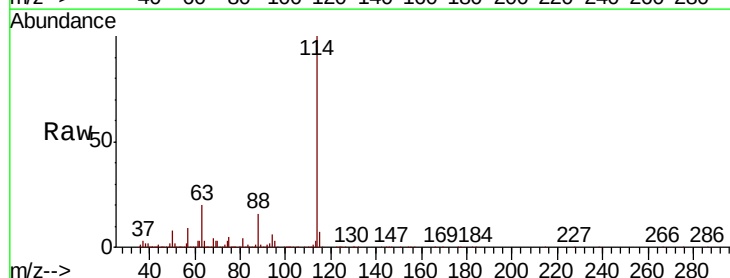
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

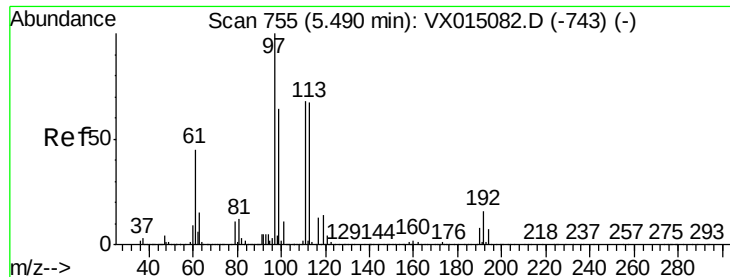
Tot Ion: 65 Resp: 138188
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion: 114 Resp: 380150
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.9 0.0 30.6

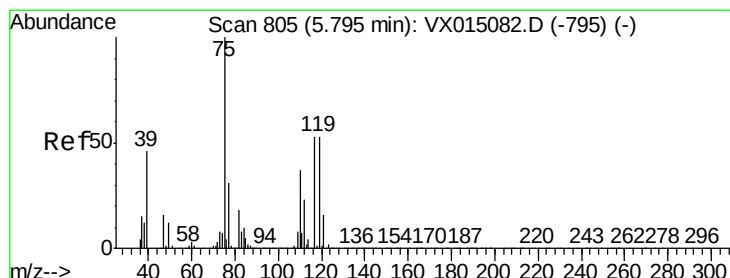
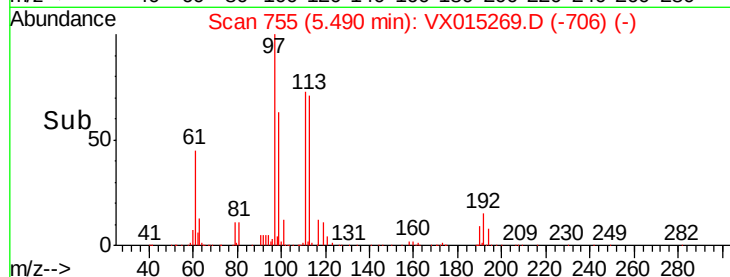
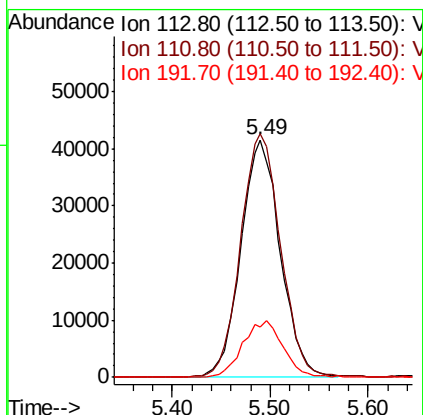
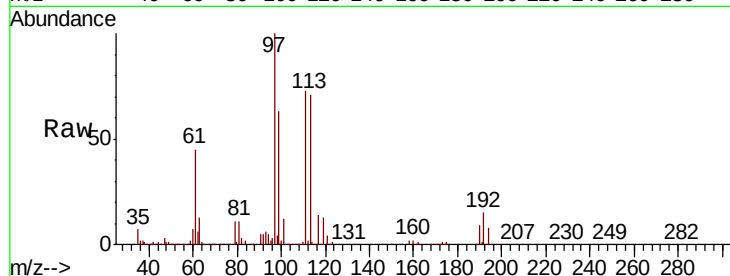




#35
Dibromofluoromethane
Concen: 48.432 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

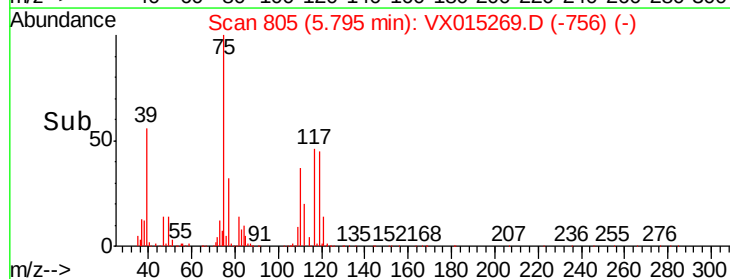
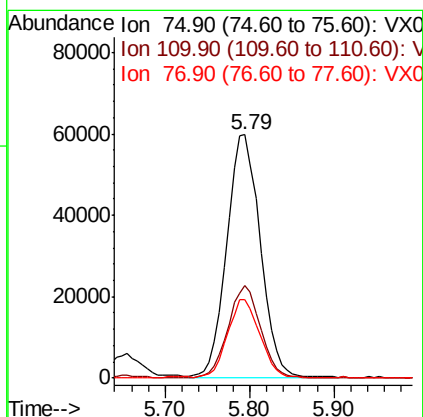
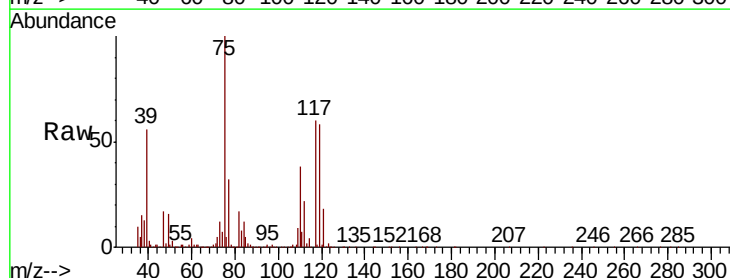
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

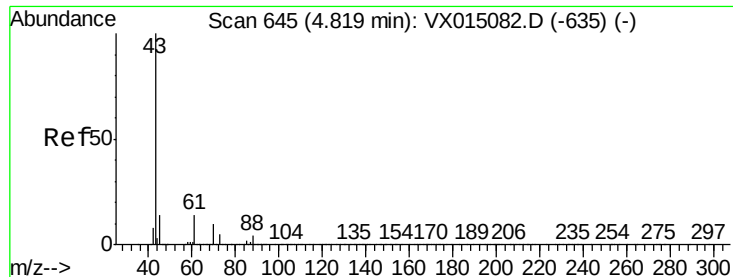
Tot Ion:113 Resp: 116152
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 24.5 18.6 28.0



#36
1,1-Dichloropropene
Concen: 45.833 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 75 Resp: 161073
Ion Ratio Lower Upper
75 100
110 37.1 17.9 53.8
77 31.8 24.8 37.2

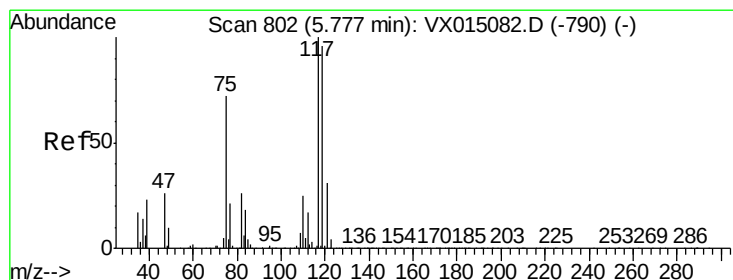
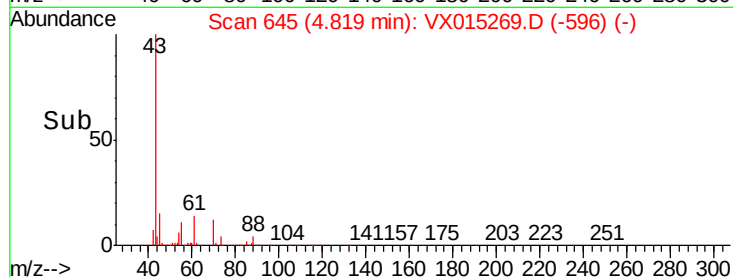
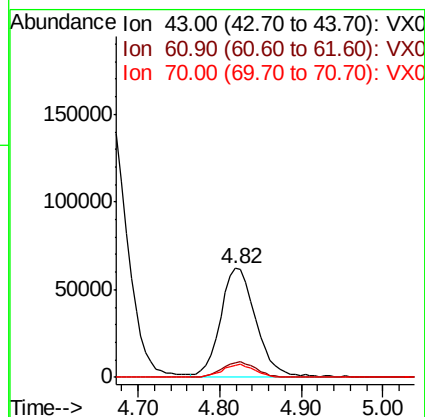
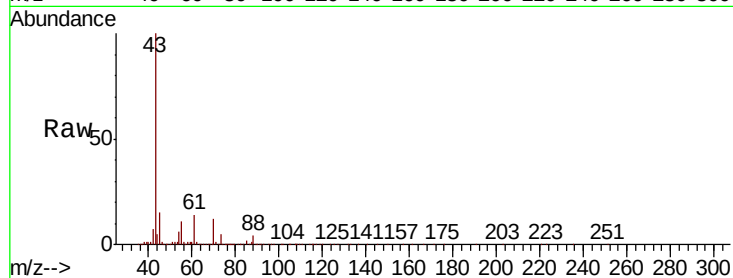




#37
Ethyl Acetate
Concen: 56.702 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

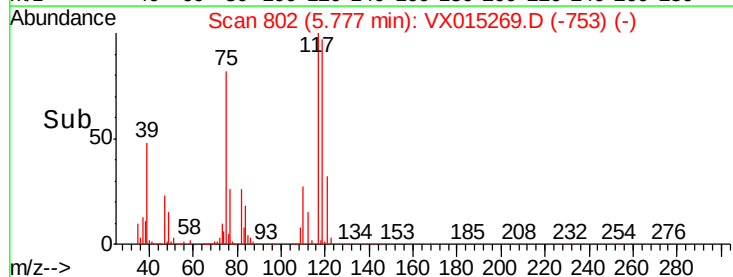
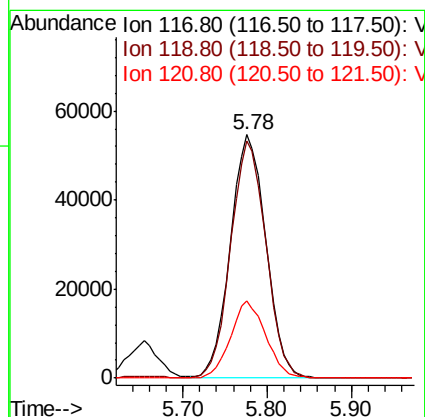
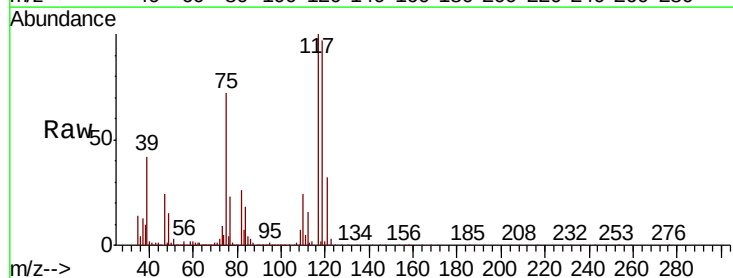
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

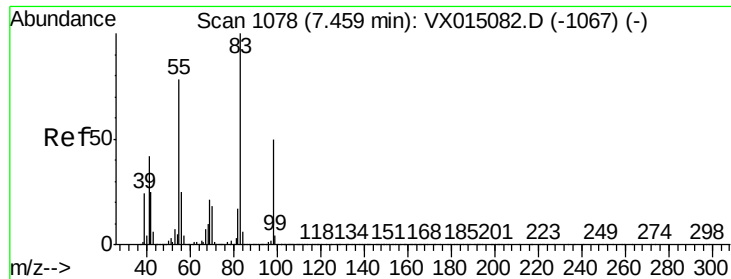
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.7	8.1	12.1



#38
Carbon Tetrachloride
Concen: 47.045 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.9	115.3
121	31.9	24.6	37.0

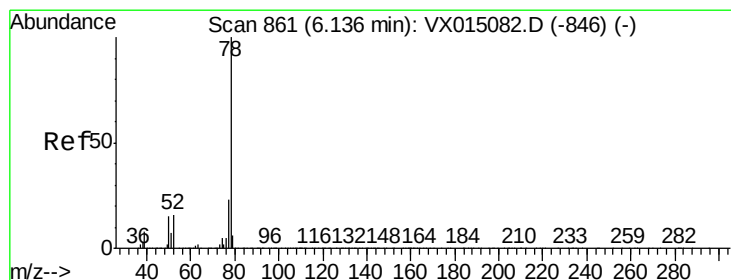
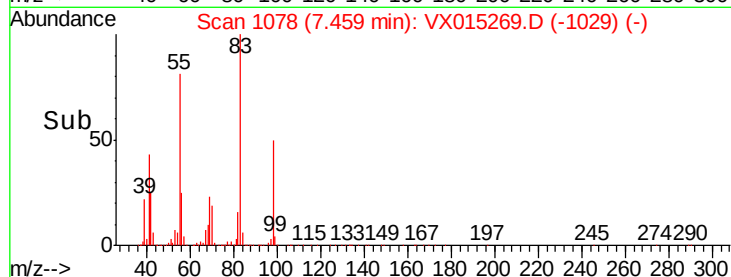
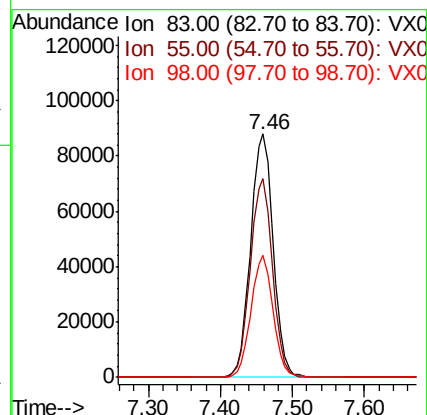
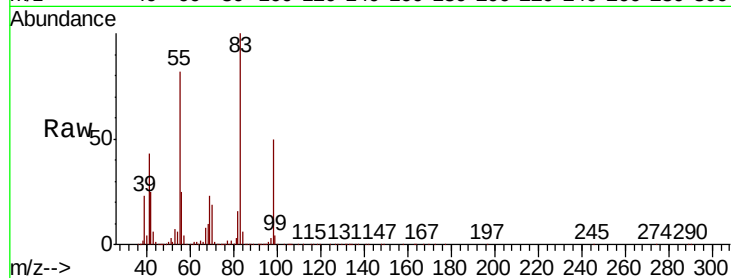




#39
Methylvlcyclohexane
Concen: 46.694 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

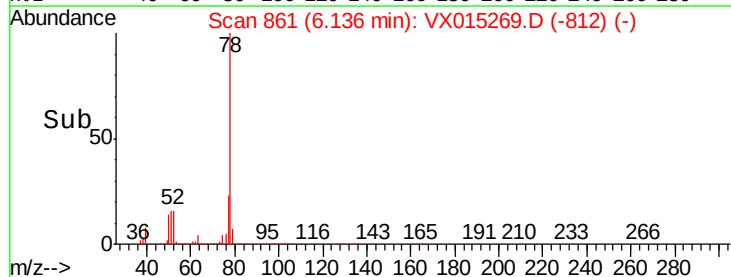
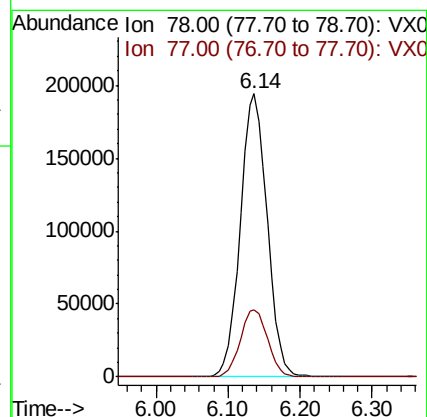
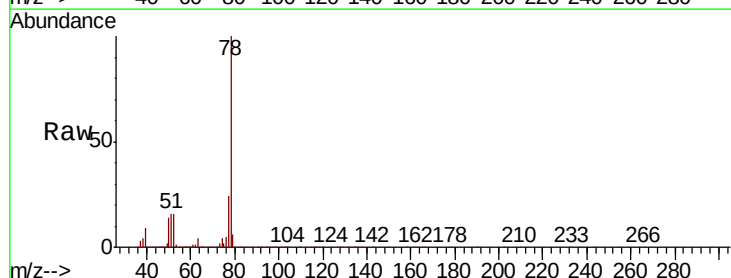
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

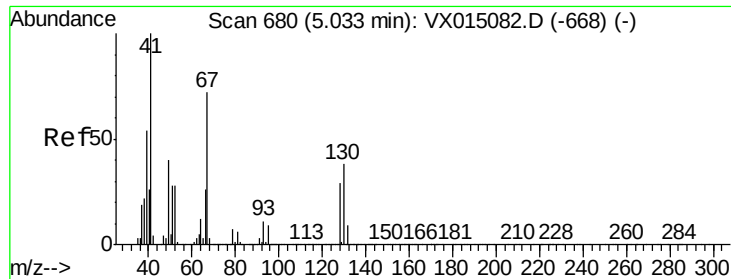
Tot Ion: 83 Resp: 191613
Ion Ratio Lower Upper
83 100
55 81.5 62.4 93.6
98 50.0 39.7 59.5



#40
Benzene
Concen: 48.162 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 78 Resp: 502166
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

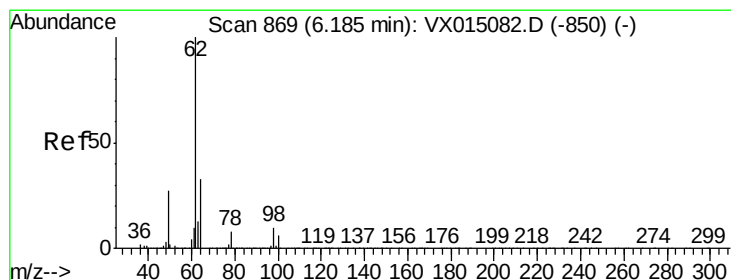
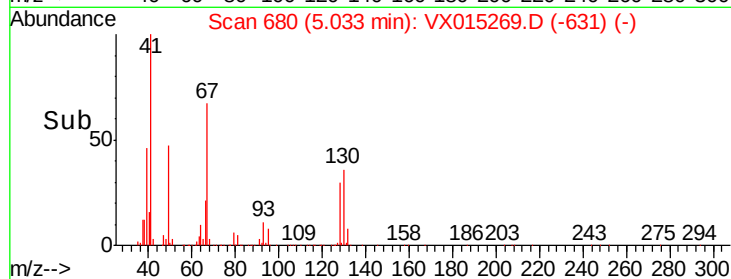
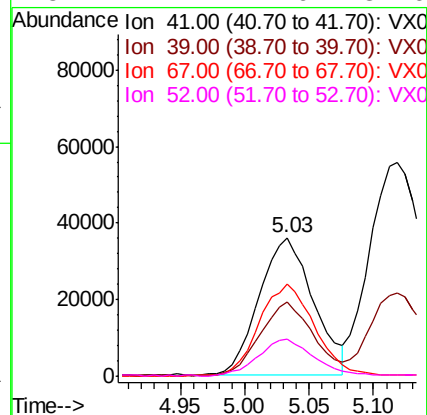
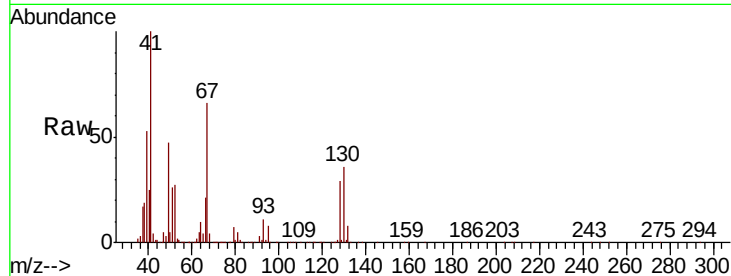




#41
Methacrylonitrile
Concen: 54.142 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

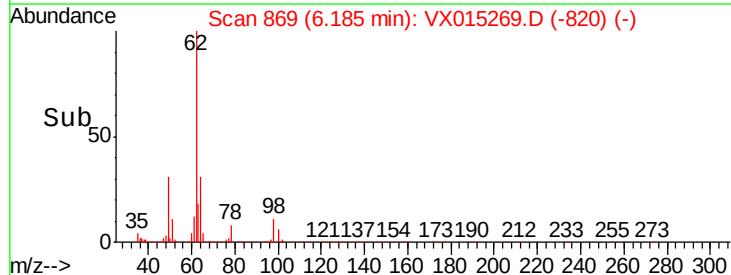
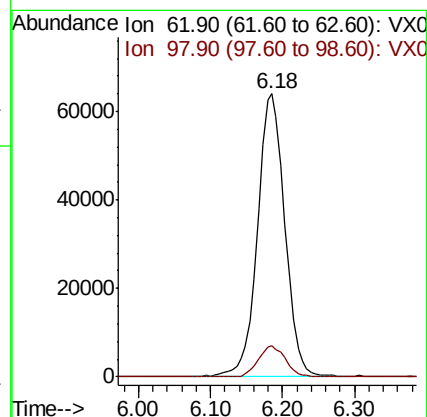
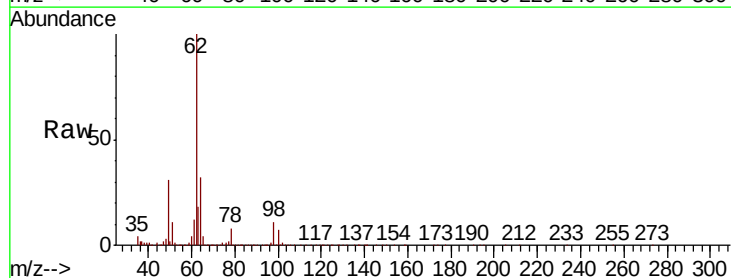
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

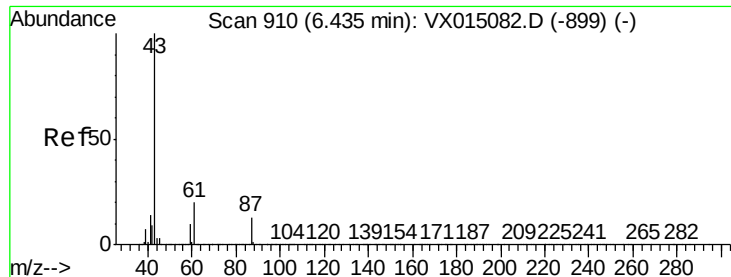
Tot Ion:	41	Resp:	106015
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.9	65.9
67	67.8	57.8	86.8
52	27.1	22.6	34.0



#42
1,2-Dichloroethane
Concen: 47.330 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:	62	Resp:	169471
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.179 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

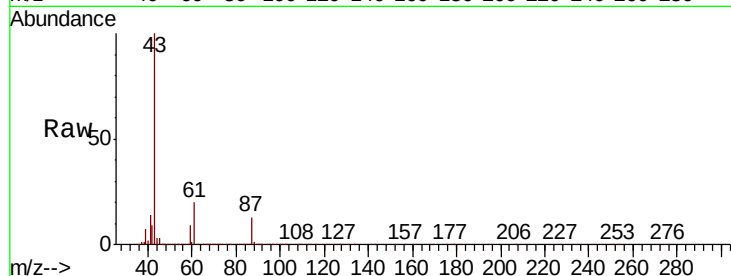
Tot Ion: 43 Resp: 299238

Ion Ratio Lower Upper

43 100

61 20.5 16.1 24.1

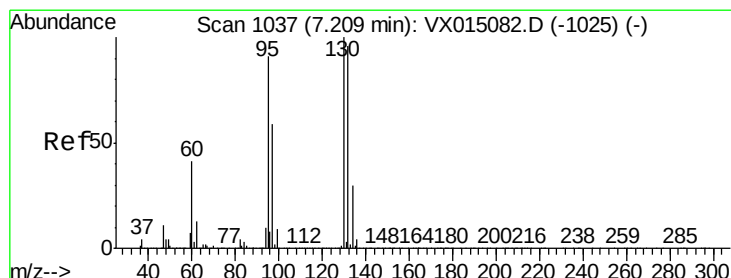
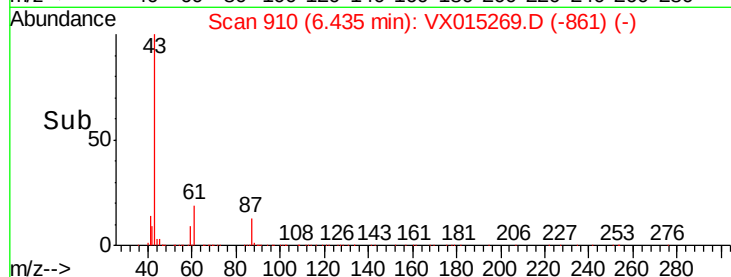
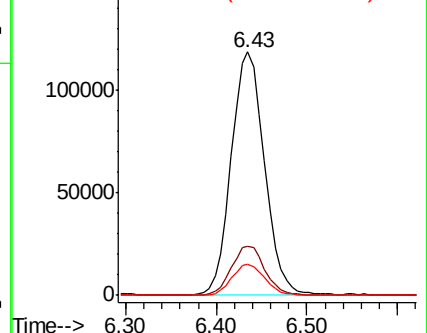
87 12.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 259.516 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015269.D

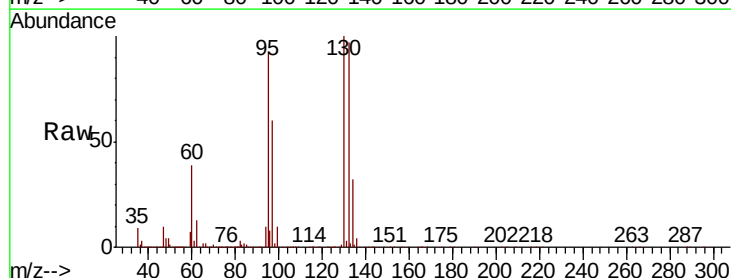
Acq: 13 Mar 2020 18:44

Tgt Ion:130 Resp: 753563

Ion Ratio Lower Upper

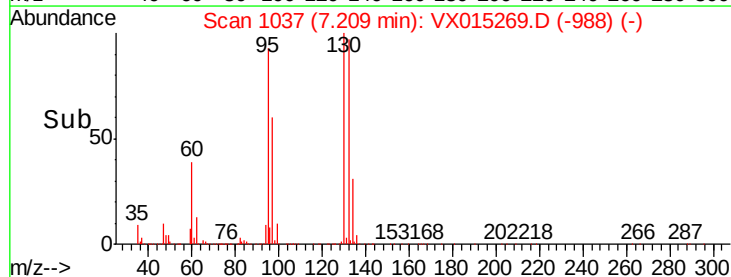
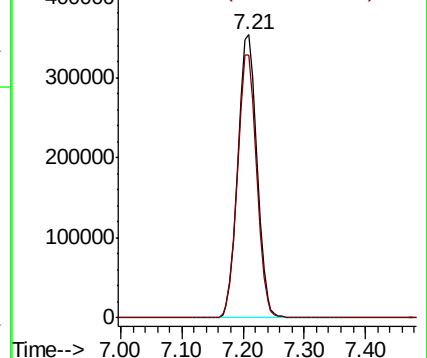
130 100

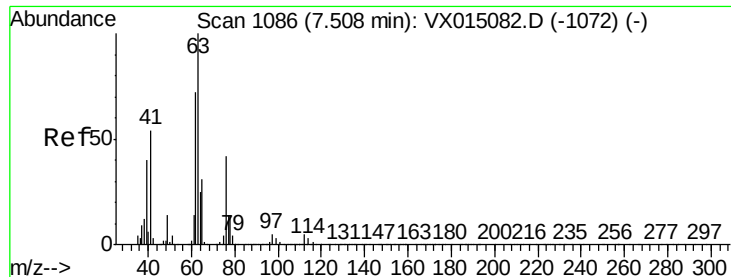
95 92.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

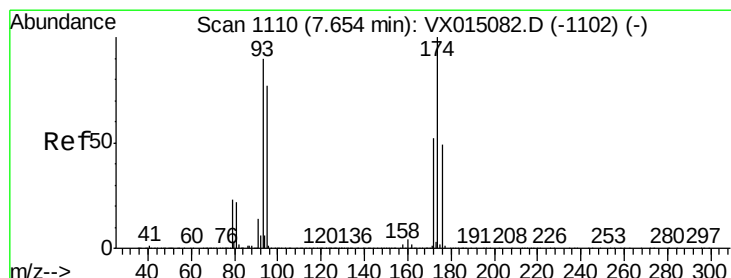
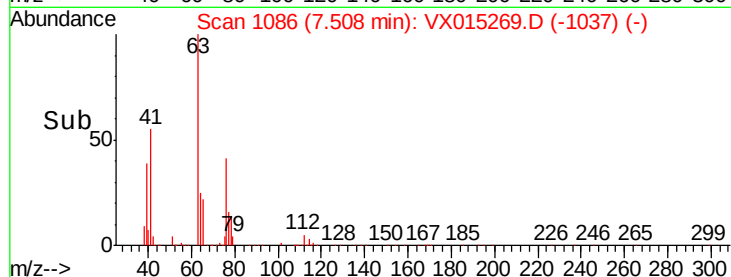
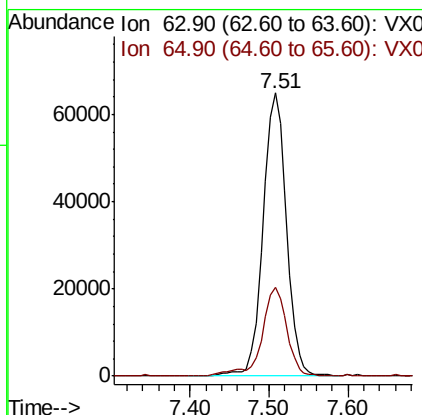
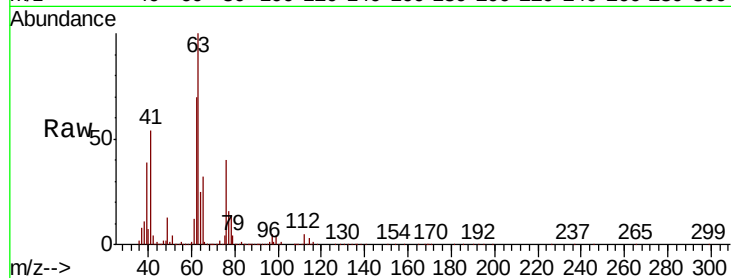




#45
 1,2-Dichloropropane
 Concen: 49.404 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

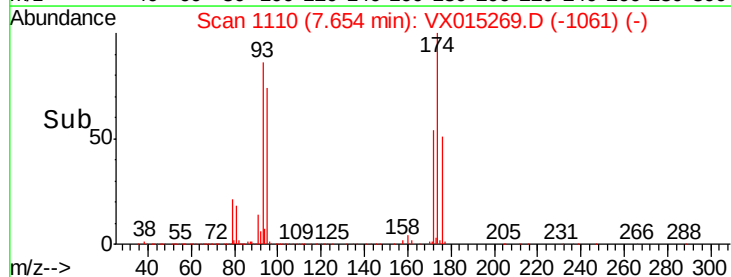
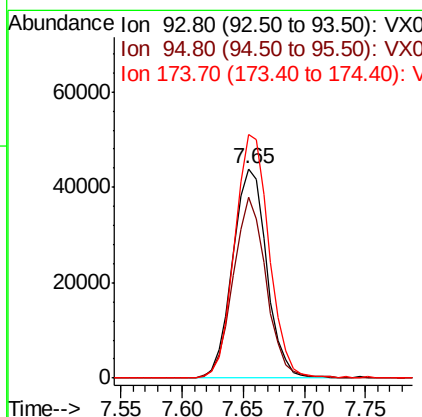
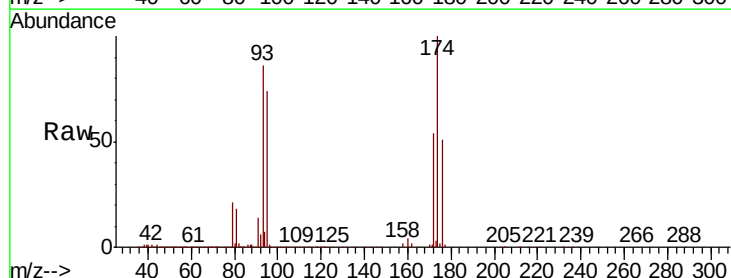
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

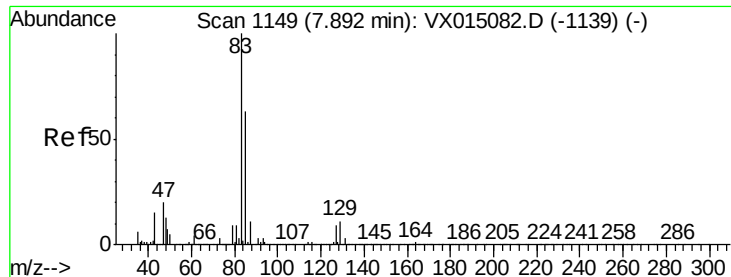
Tot Ion: 63 Resp: 133330
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 48.228 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion: 93 Resp: 84809
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.8 101.8
 174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 48.629 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

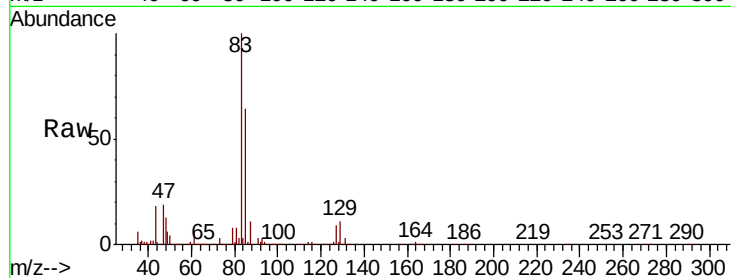
Tot Ion: 83 Resp: 169105

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

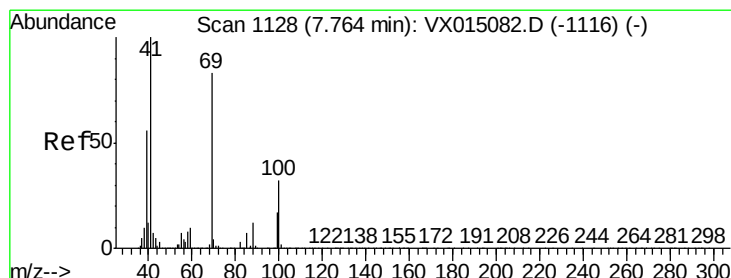
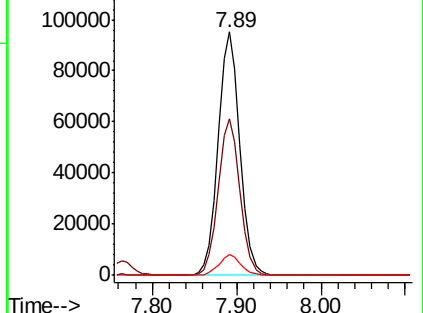
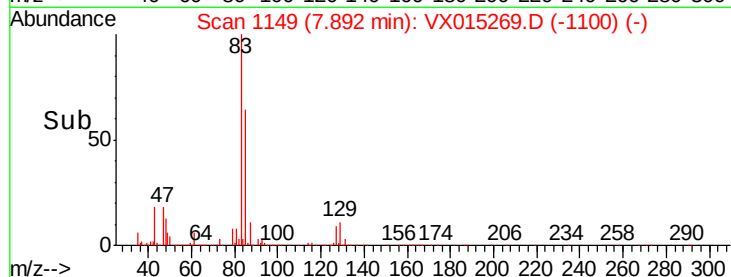
127 8.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.405 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

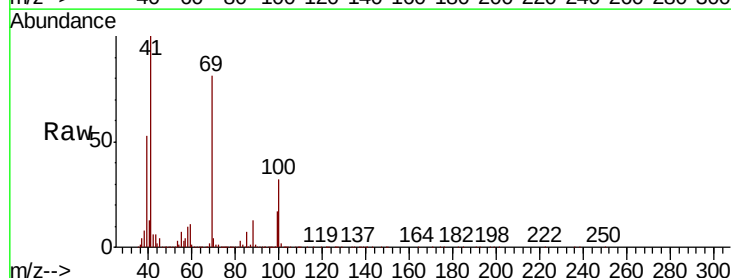
Tgt Ion: 41 Resp: 150042

Ion Ratio Lower Upper

41 100

69 82.3 65.4 98.2

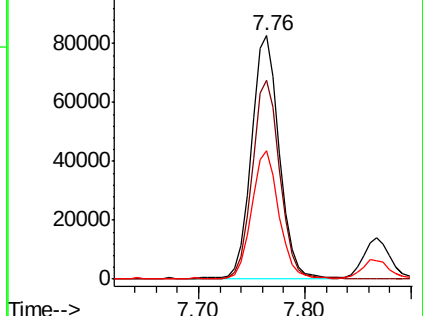
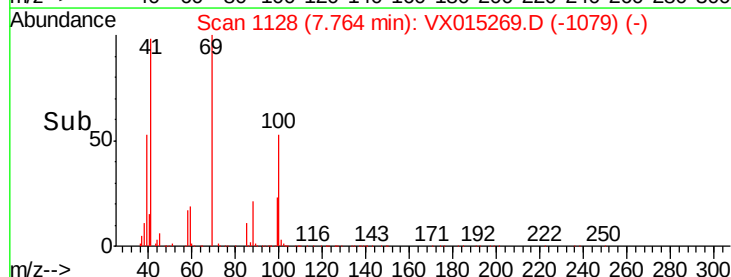
39 51.5 44.6 67.0

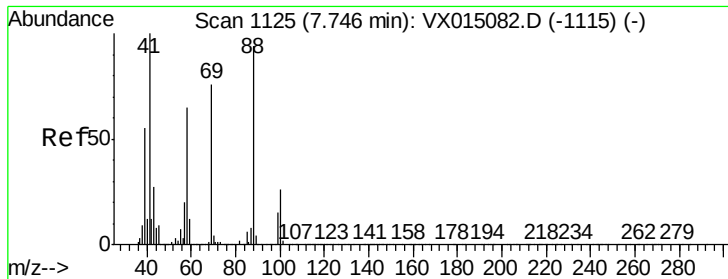


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1073.842 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

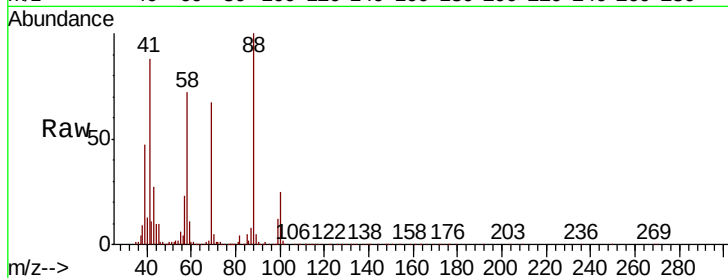
Tot Ion: 88 Resp: 67768

Ion Ratio Lower Upper

88 100

43 31.4 27.0 40.4

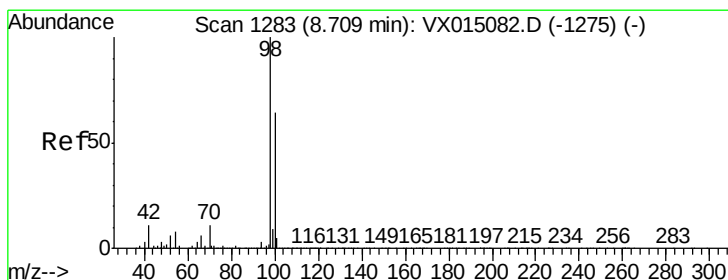
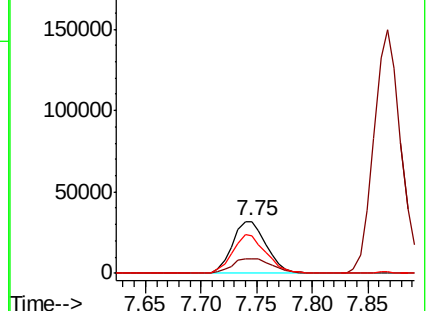
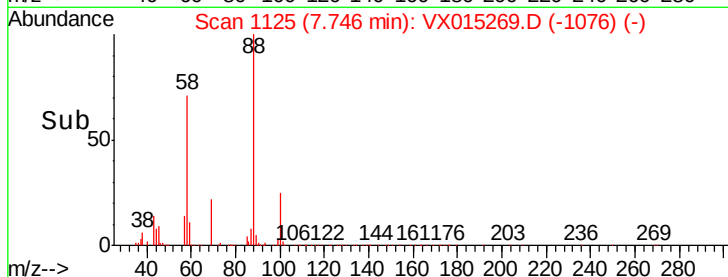
58 71.6 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.683 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015269.D

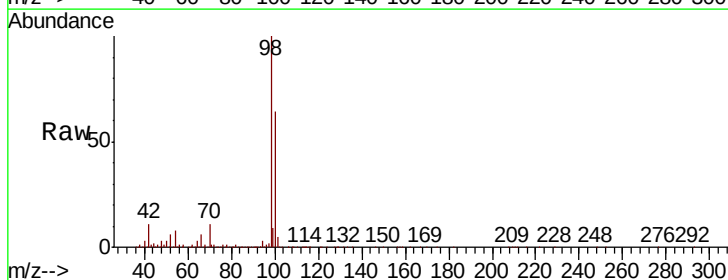
Acq: 13 Mar 2020 18:44

Tgt Ion: 98 Resp: 444118

Ion Ratio Lower Upper

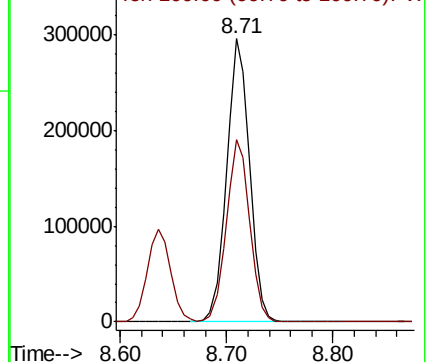
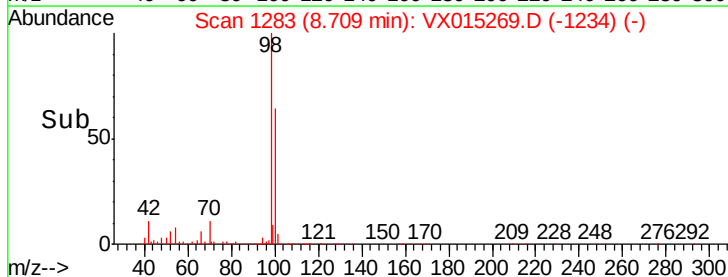
98 100

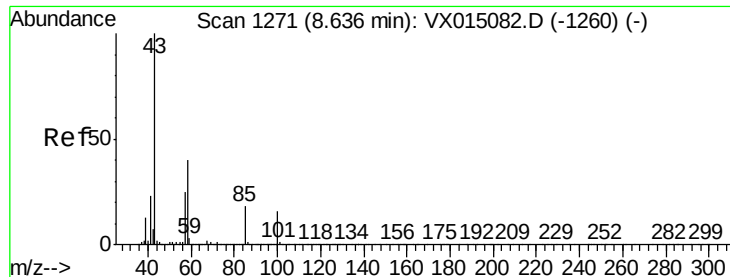
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 274.480 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

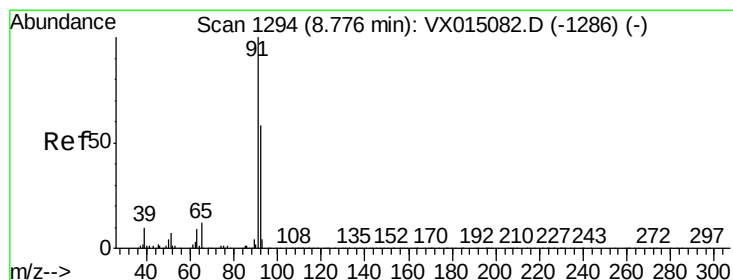
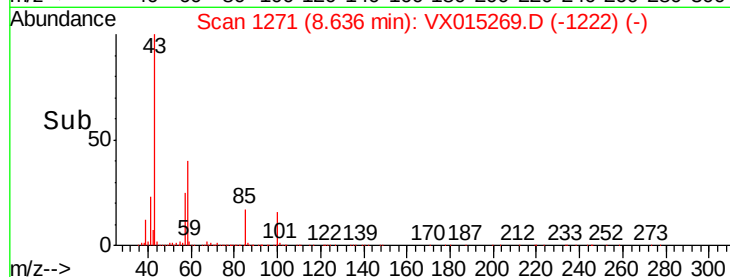
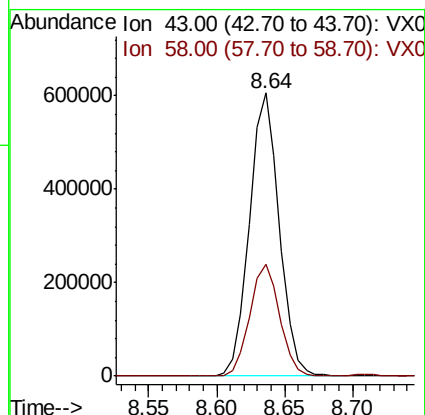
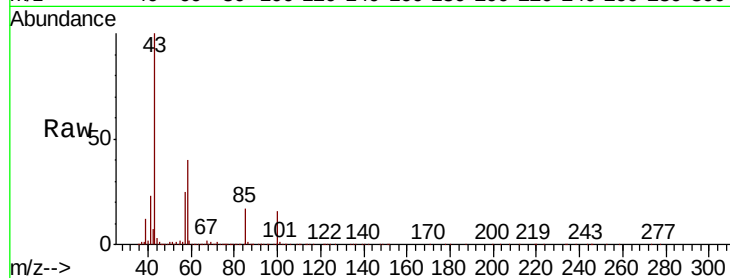
RE131D1-20200309MS

Tot Ion: 43 Resp: 930693

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 48.840 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015269.D

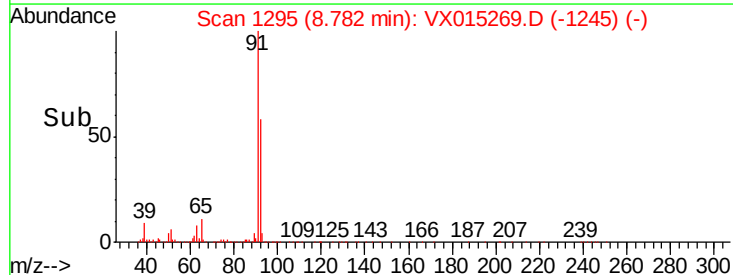
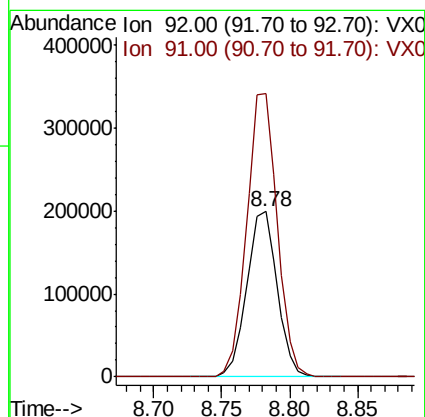
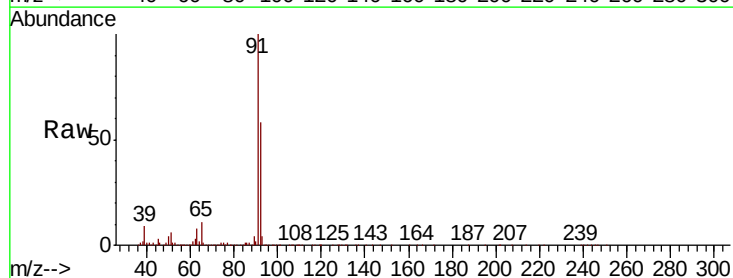
Acq: 13 Mar 2020 18:44

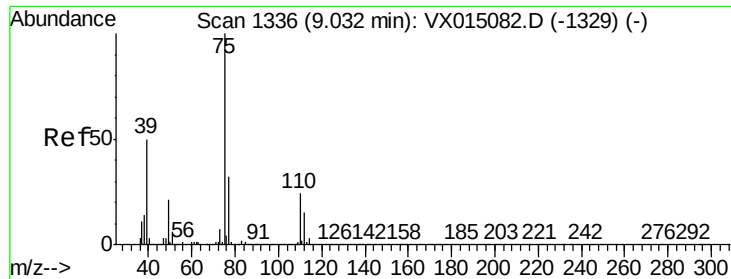
Tgt Ion: 92 Resp: 311362

Ion Ratio Lower Upper

92 100

91 172.2 136.9 205.3

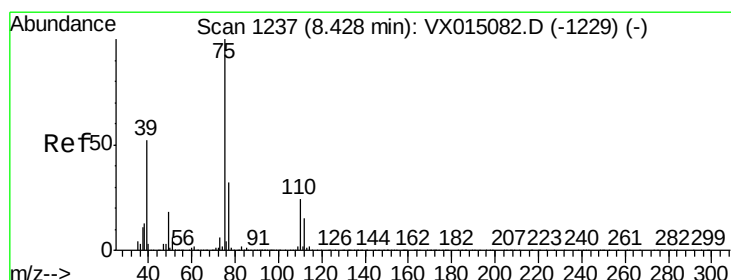
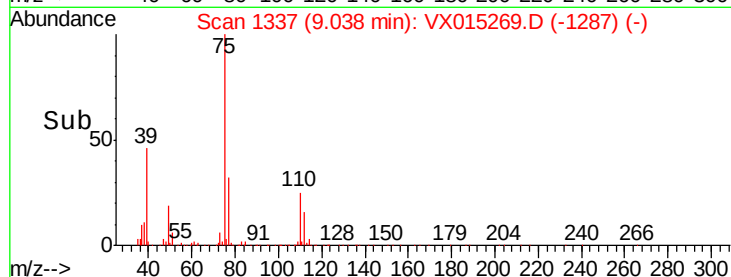
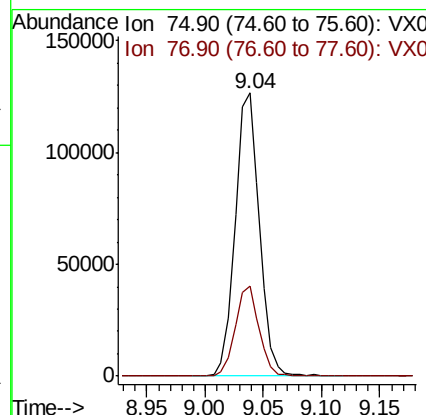
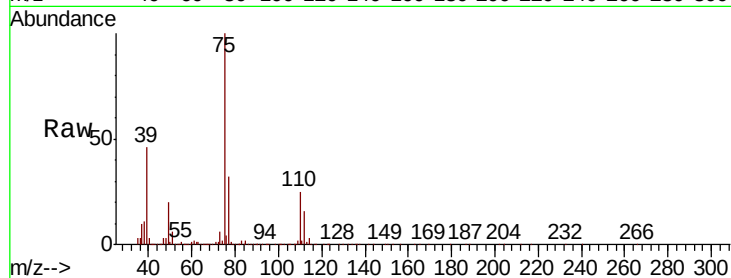




#53
 t-1,3-Dichloropropene
 Concen: 49.392 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

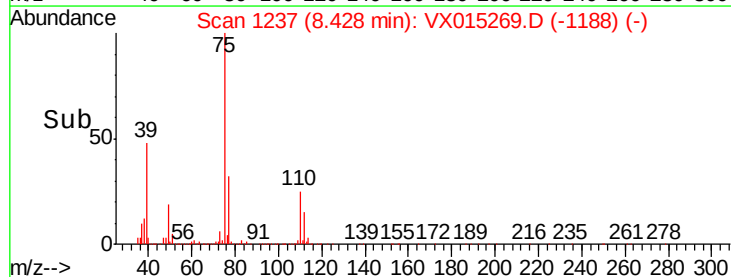
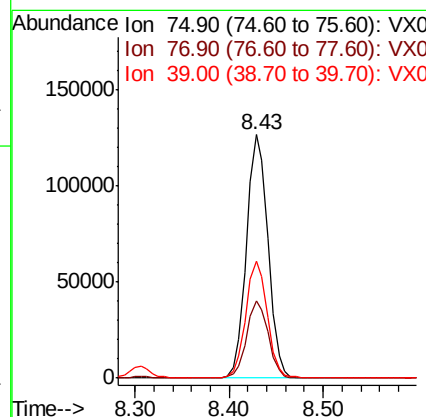
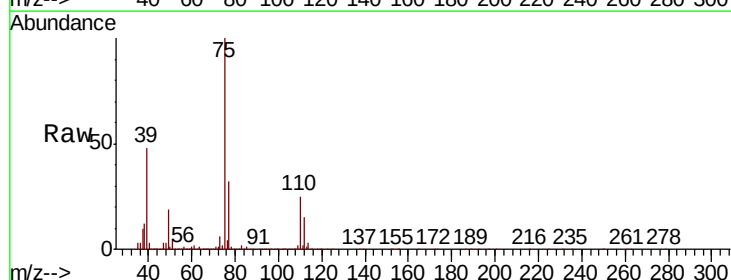
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

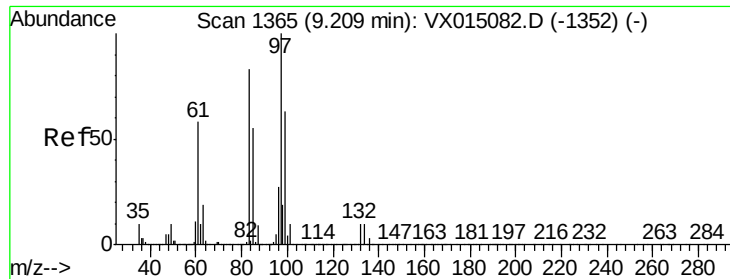
Tot Ion: 75 Resp: 182817
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.106 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion: 75 Resp: 201295
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 48.1 41.3 61.9

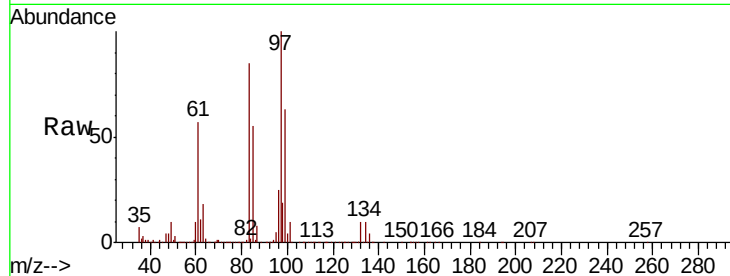




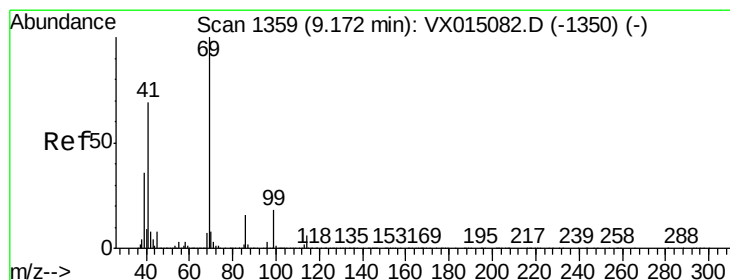
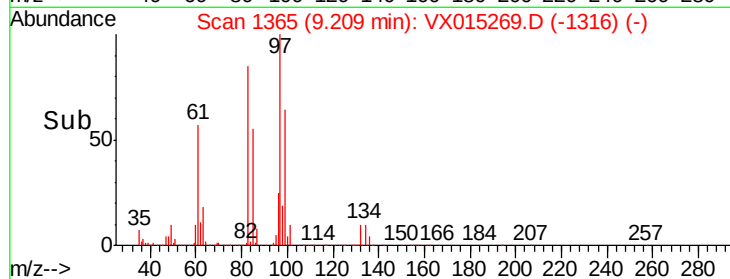
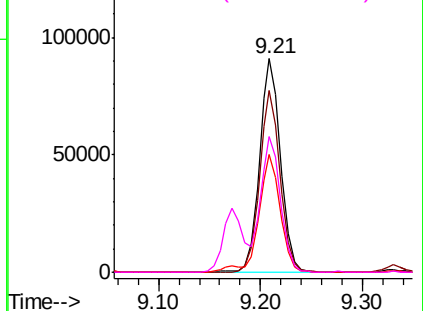
#55
 1,1,2-Trichloroethane
 Concen: 50.054 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion:	97	Resp:	131340
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	55.2	43.5	65.3
99	63.5	50.7	76.1

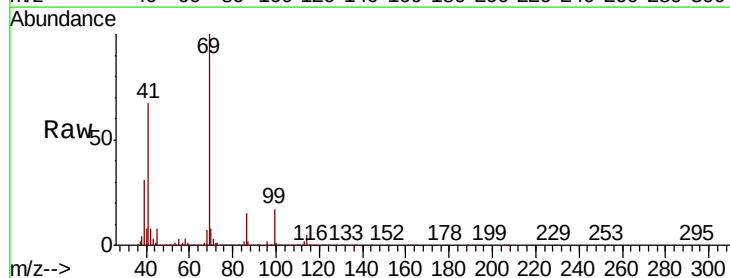


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

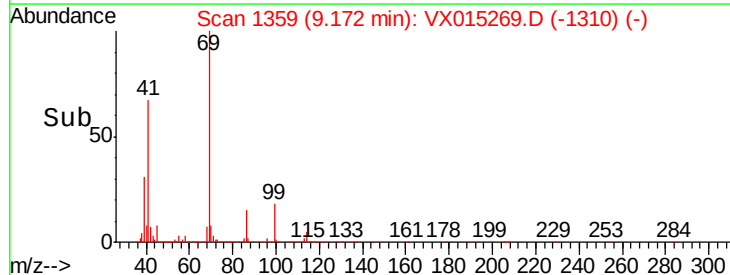
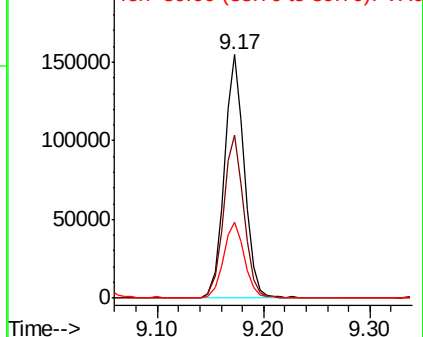


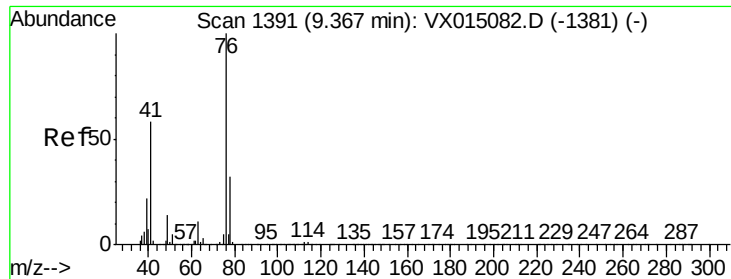
#56
 Ethyl methacrylate
 Concen: 54.266 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion:	69	Resp:	203105
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.8	83.8
39	32.4	29.4	44.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

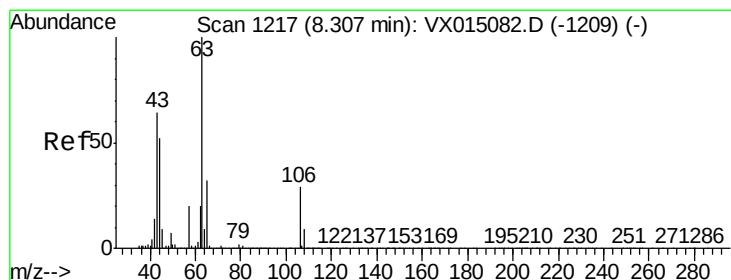
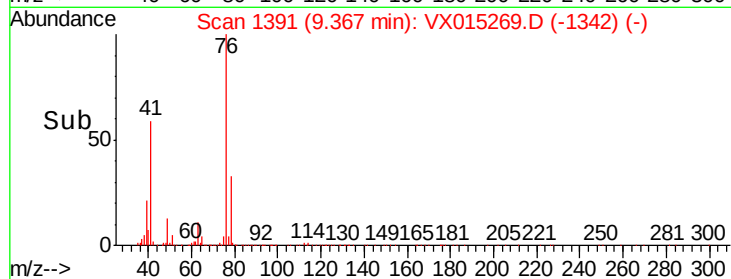
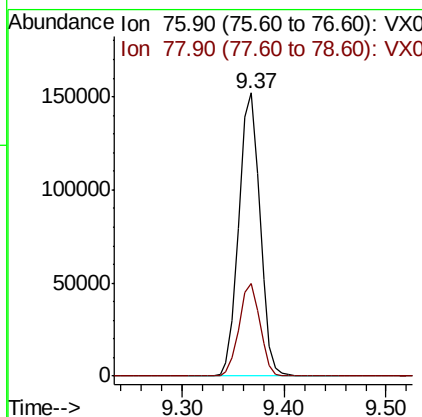
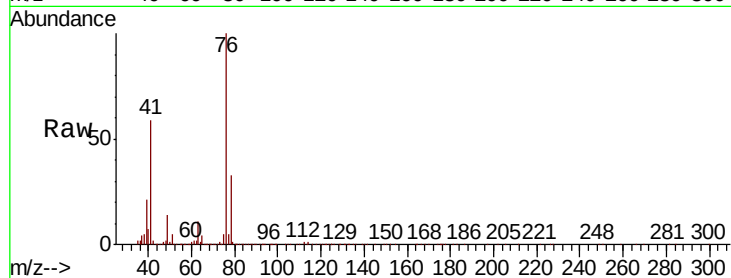




#57
 1,3-Dichloropropane
 Concen: 49.011 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

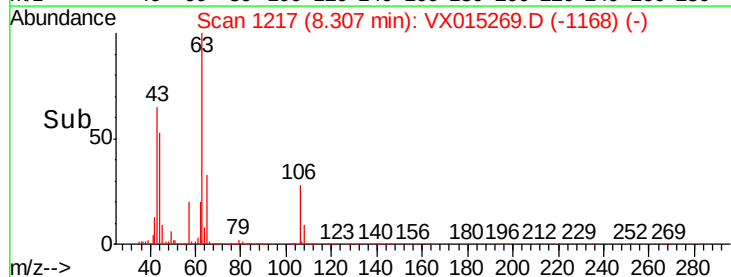
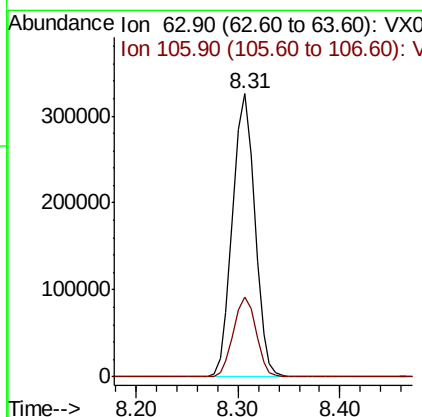
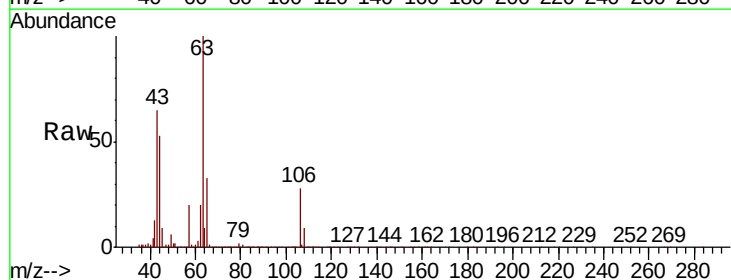
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

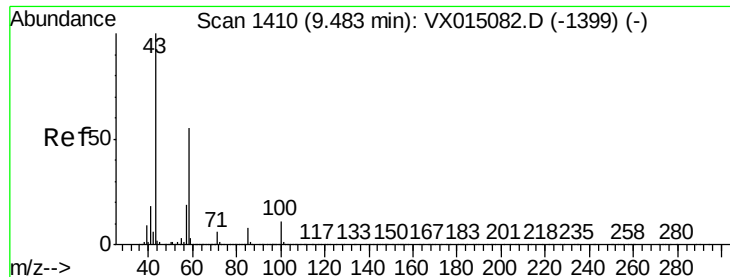
Tot Ion: 76 Resp: 216360
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.364 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion: 63 Resp: 492135
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.8 34.2





#59

2-Hexanone

Concen: 277.540 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

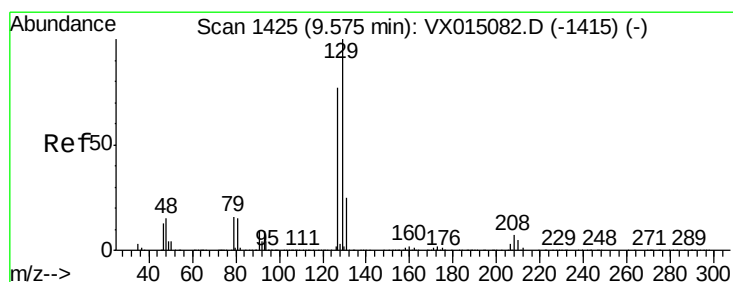
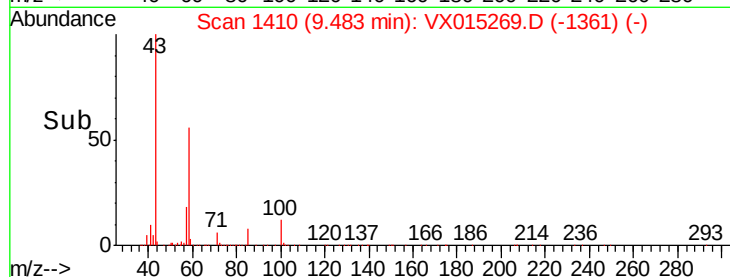
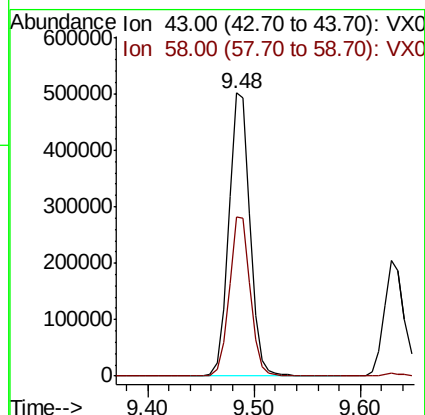
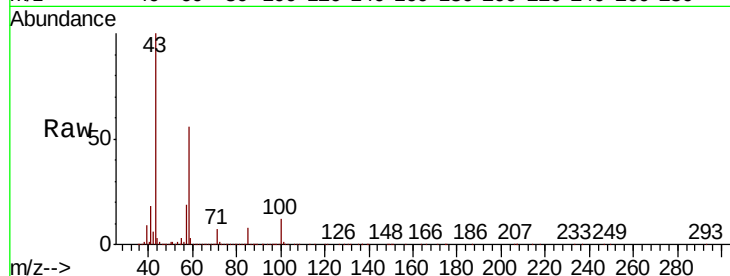
RE131D1-20200309MS

Tot Ion: 43 Resp: 697507

Ion Ratio Lower Upper

43 100

58 55.9 27.3 81.8



#60

Dibromochloromethane

Concen: 50.059 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015269.D

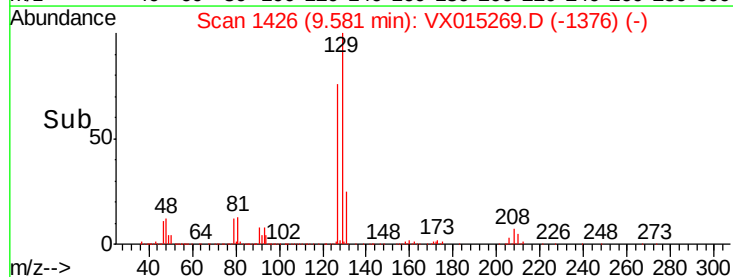
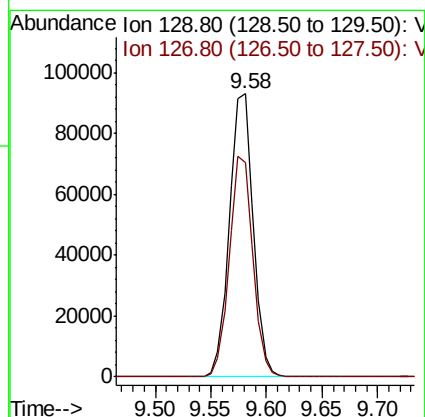
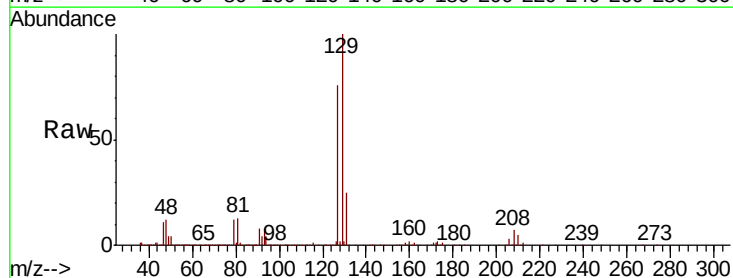
Acq: 13 Mar 2020 18:44

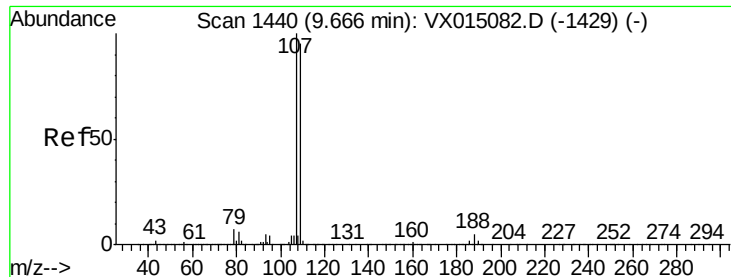
Tgt Ion: 129 Resp: 137983

Ion Ratio Lower Upper

129 100

127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.190 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

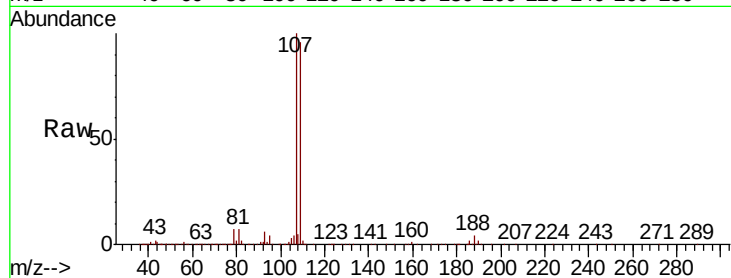
RE131D1-20200309MS

Tot Ion:107 Resp: 132817

Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

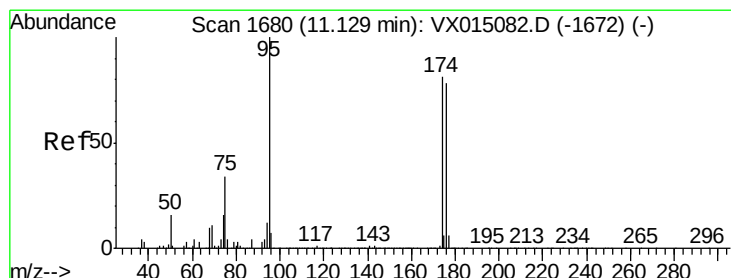
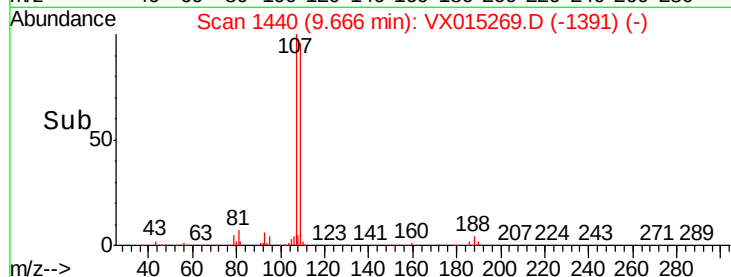
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.532 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

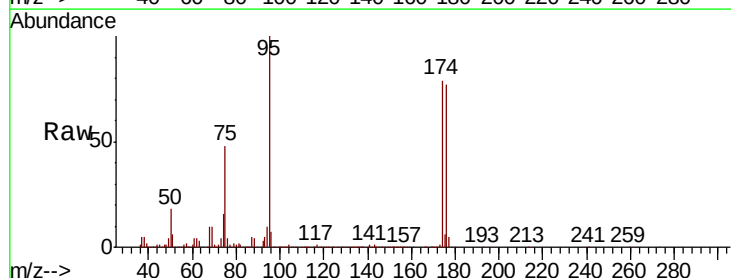
Tgt Ion: 95 Resp: 164427

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 87.9 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

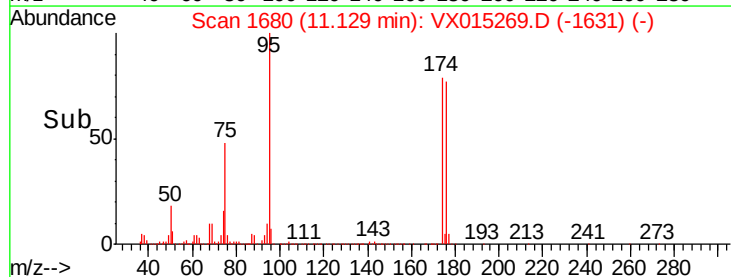
150000

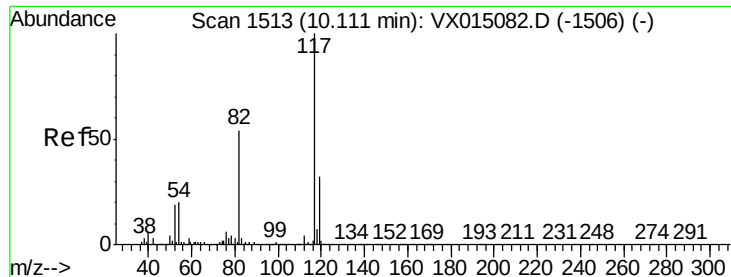
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

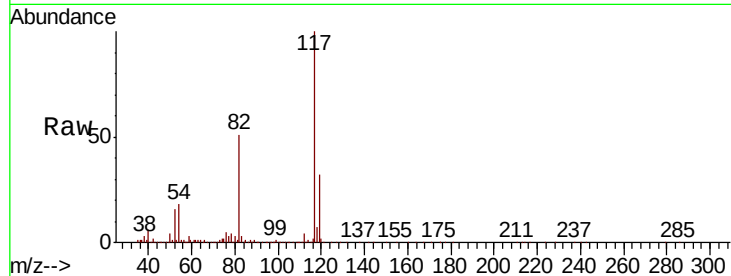
Tot Ion:117 Resp: 355334

Ion Ratio Lower Upper

117 100

82 51.3 43.3 64.9

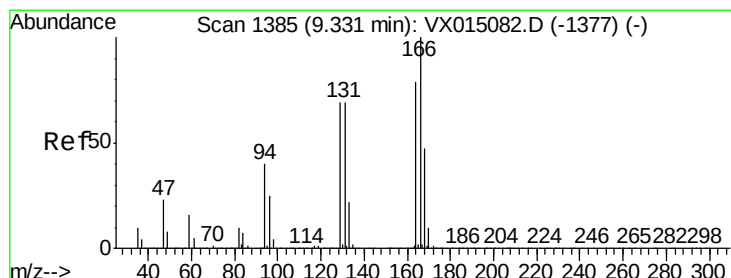
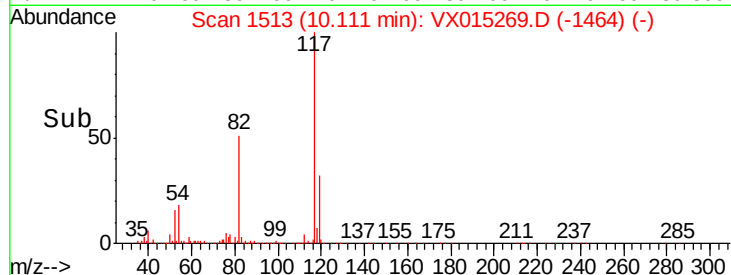
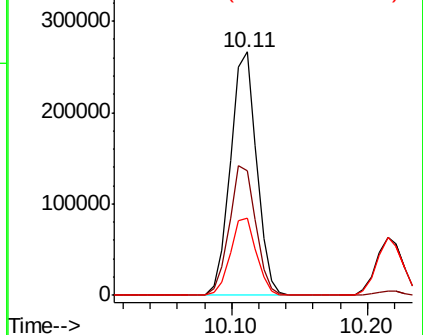
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 63.658 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:164 Resp: 187024

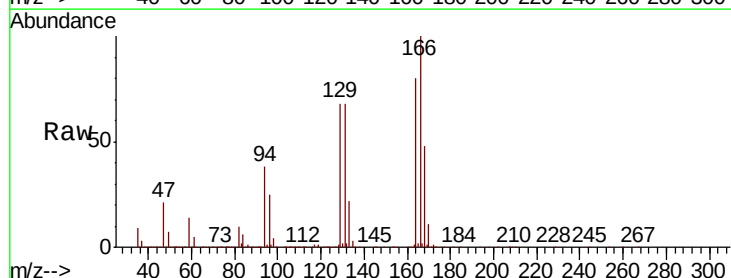
Ion Ratio Lower Upper

164 100

166 124.9 101.1 151.7

129 85.3 69.4 104.0

131 84.9 69.8 104.8

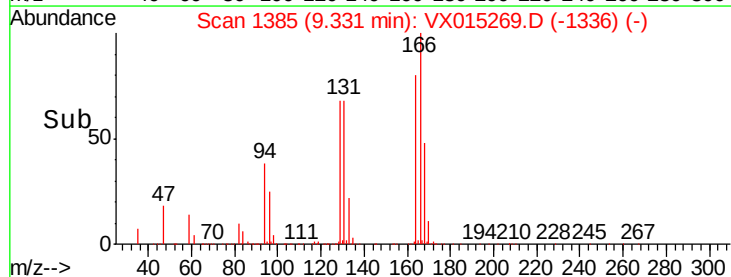
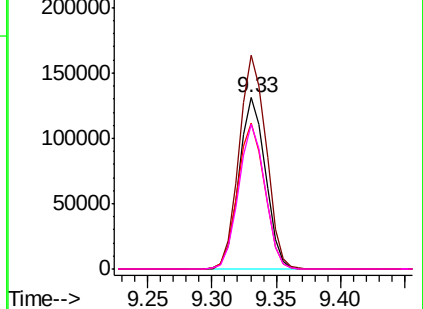


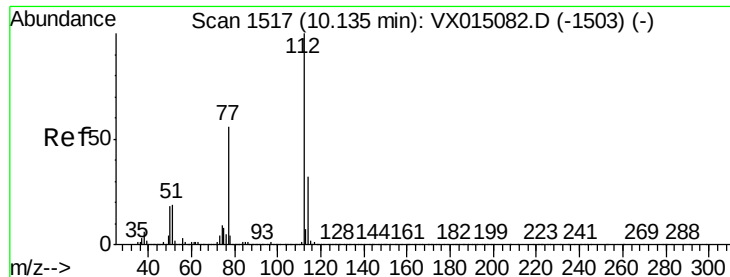
Abundance Ion 163.80 (163.50 to 164.50): V

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

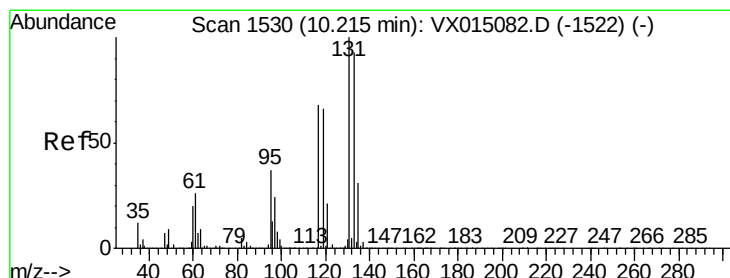
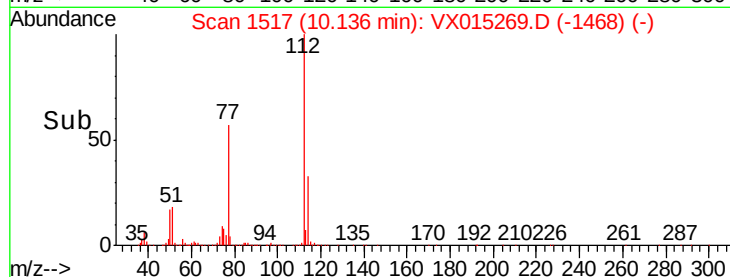
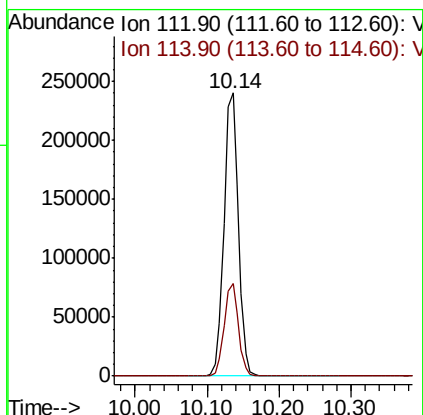
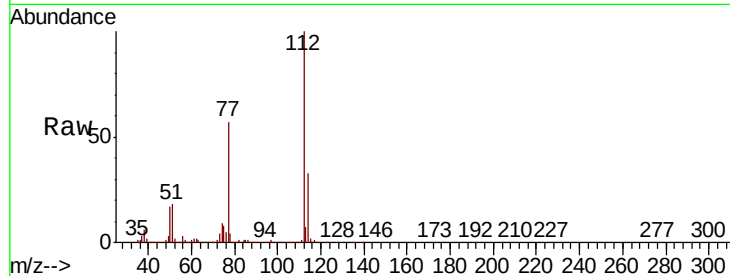




#65
Chlorobenzene
Concen: 47.055 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

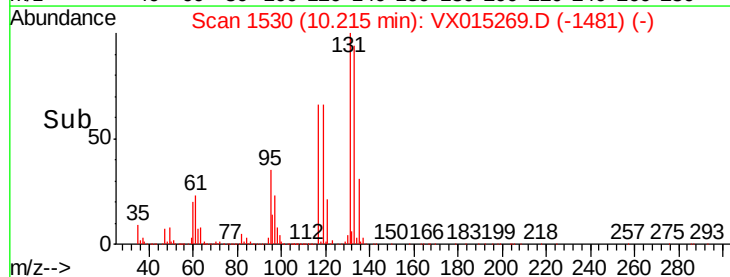
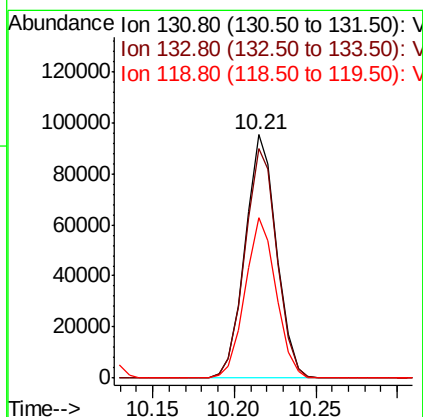
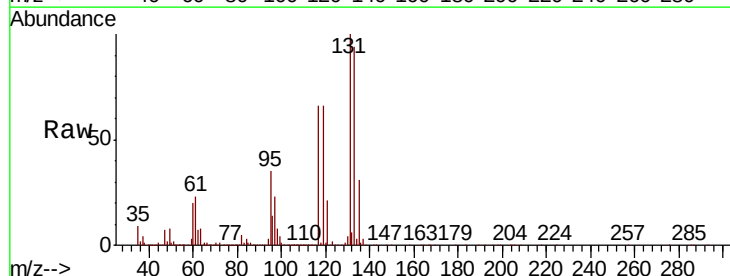
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

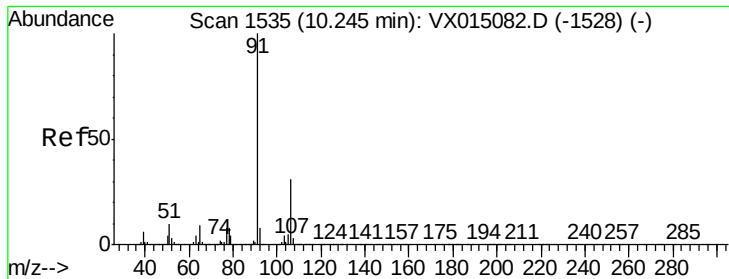
Tot Ion:112 Resp: 335682
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.552 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:131 Resp: 127913
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 65.0 33.4 100.1





#67

Ethyl Benzene

Concen: 48.353 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

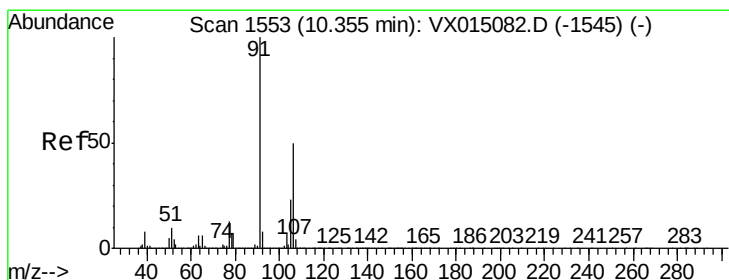
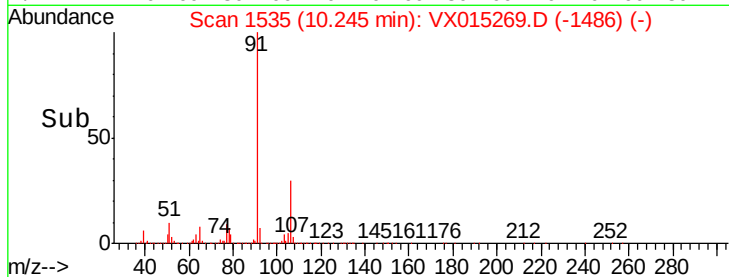
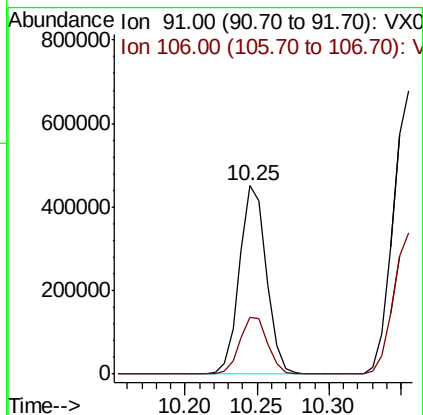
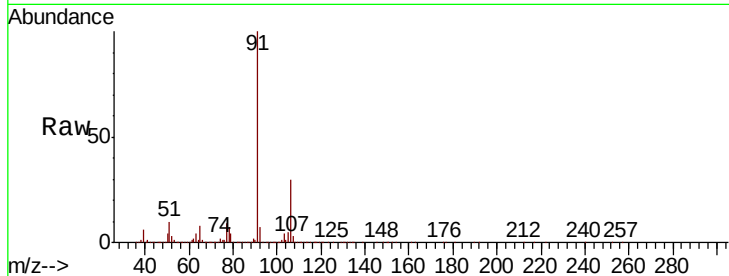
RE131D1-20200309MS

Tot Ion: 91 Resp: 585750

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 98.032 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015269.D

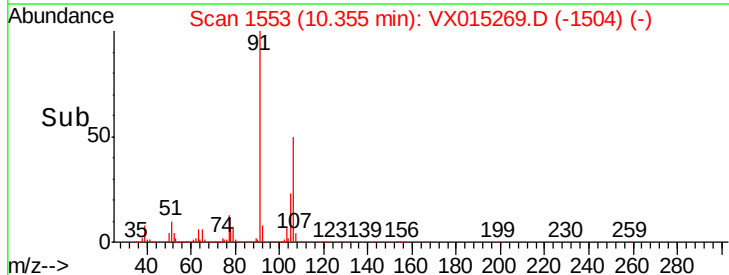
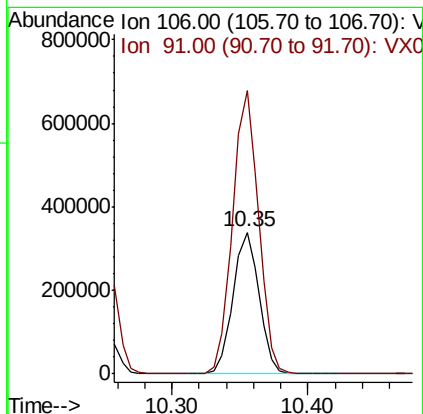
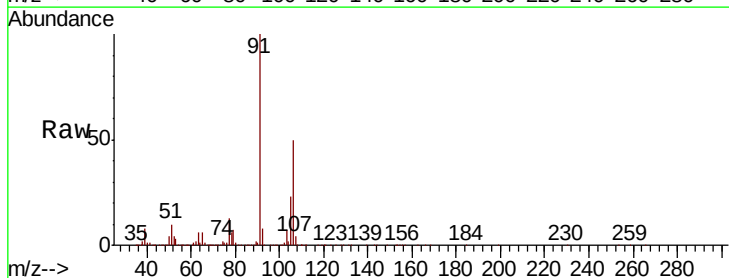
Acq: 13 Mar 2020 18:44

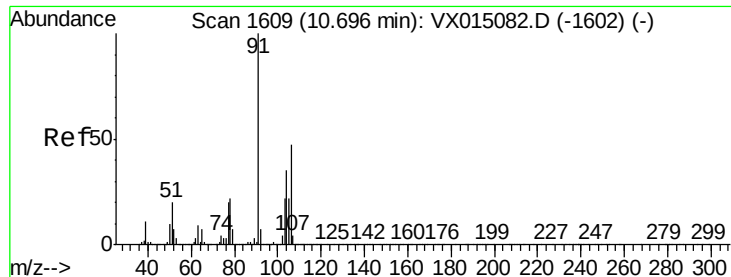
Tgt Ion: 106 Resp: 451822

Ion Ratio Lower Upper

106 100

91 199.6 159.4 239.2

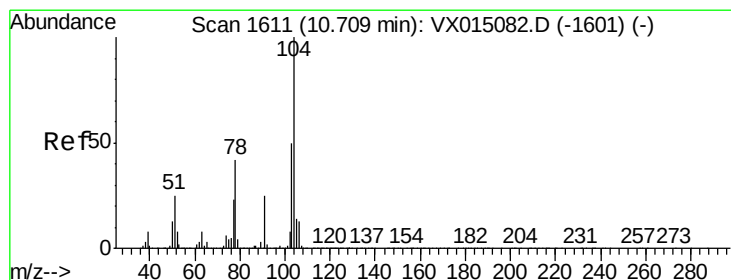
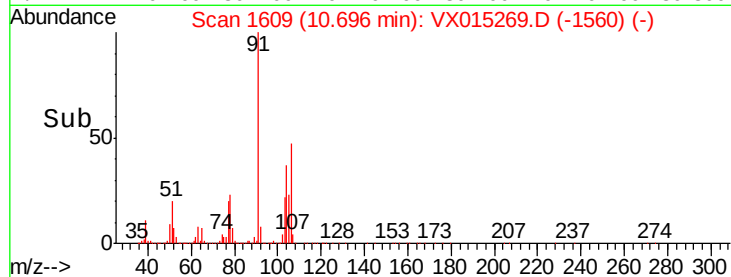
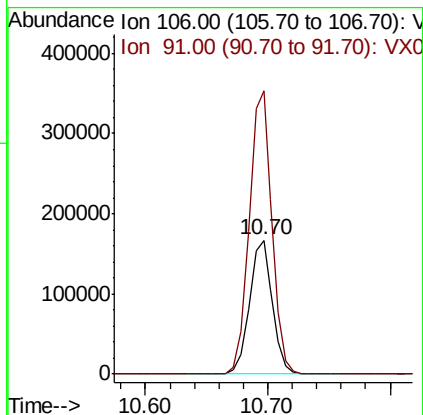
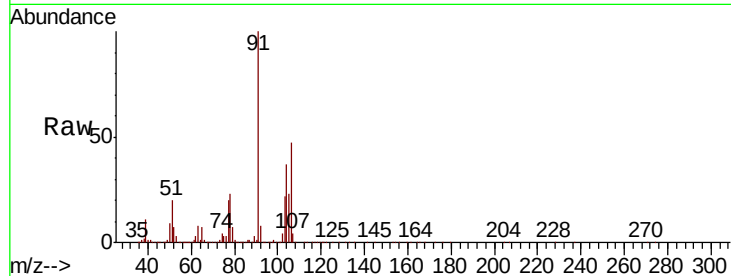




#69
o-Xylene
Concen: 48.904 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

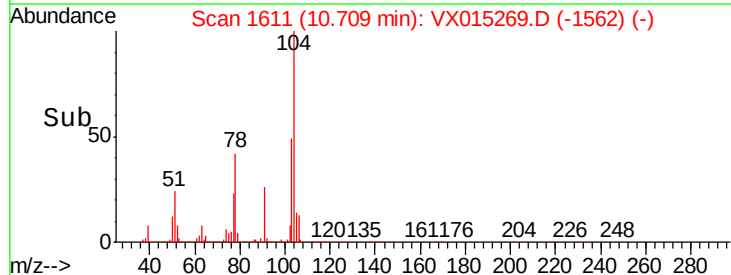
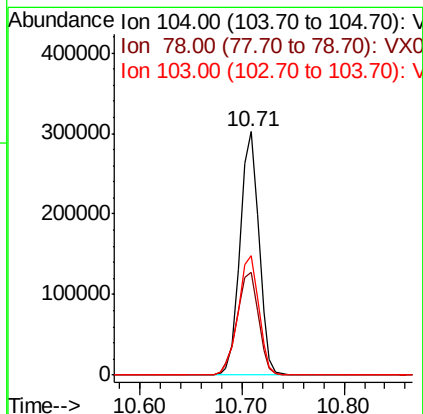
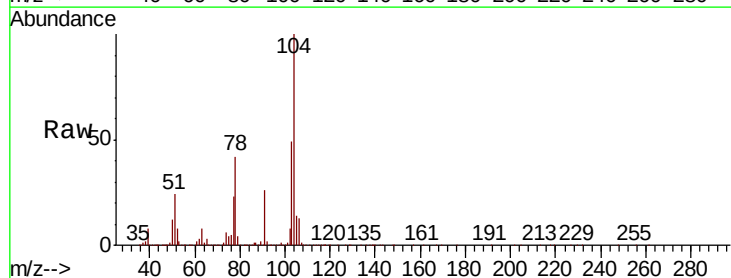
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

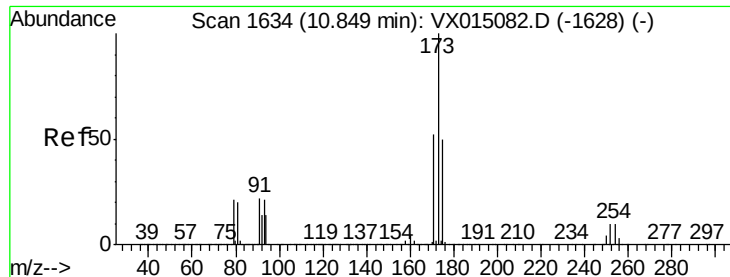
Tot Ion:106 Resp: 215802
Ion Ratio Lower Upper
106 100
91 210.5 105.4 316.1



#70
Styrene
Concen: 50.923 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:104 Resp: 385292
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 53.6 43.7 65.5

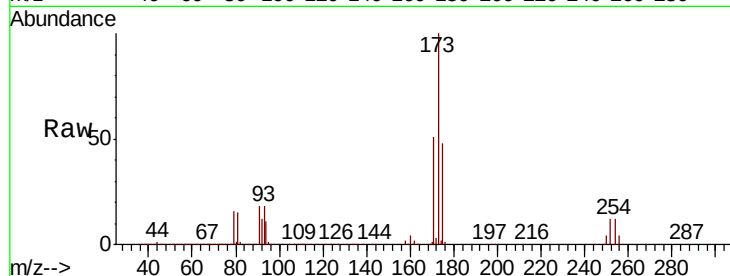




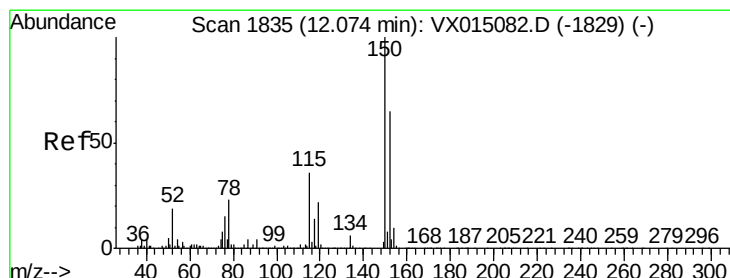
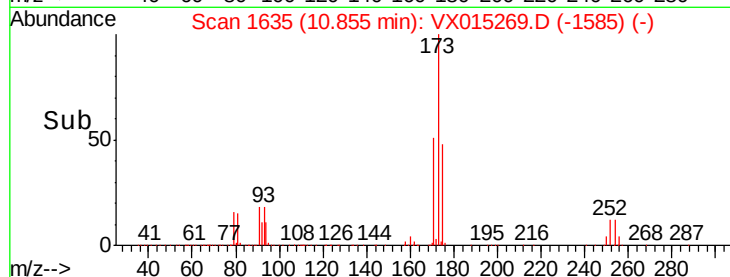
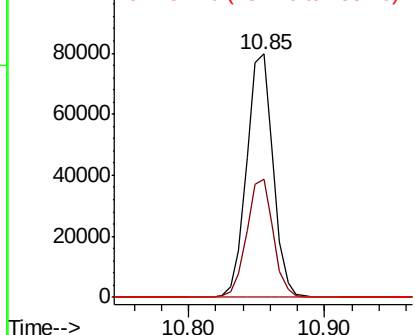
#71
Bromoform
Concen: 51.973 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion:173 Resp: 108416
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.7
254 0.2 0.2 0.2#

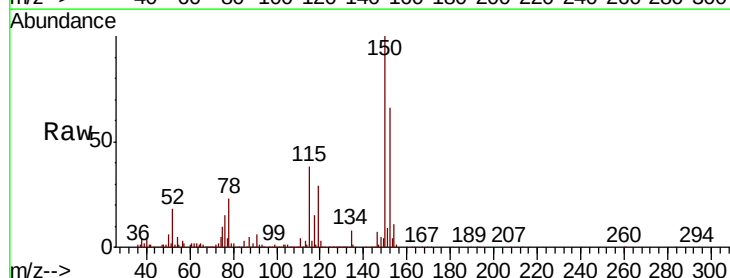


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

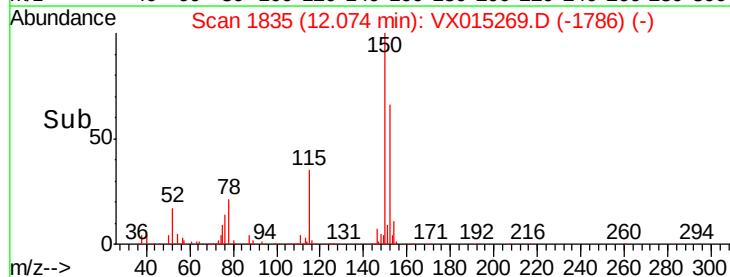
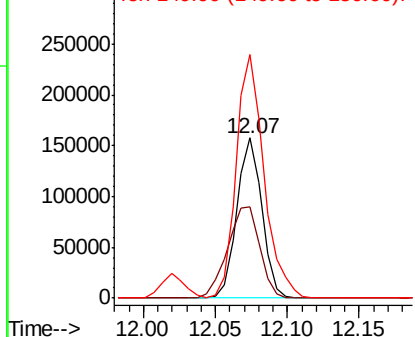


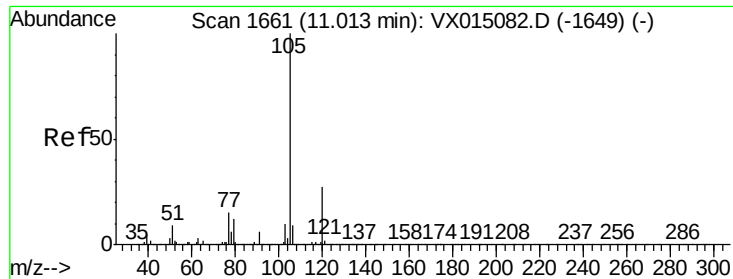
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:152 Resp: 190432
Ion Ratio Lower Upper
152 100
115 74.3 38.2 114.6
150 169.1 0.0 343.8



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





#73

Isopropylbenzene

Concen: 47.692 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

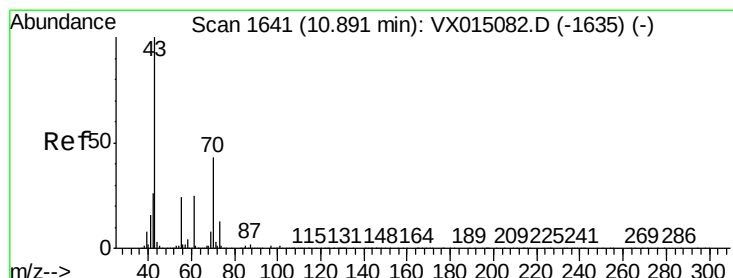
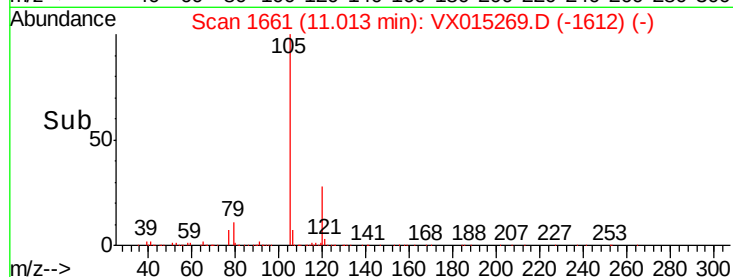
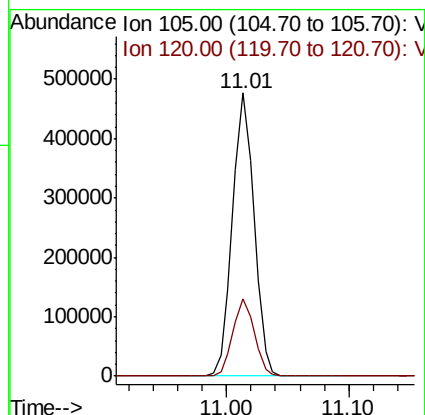
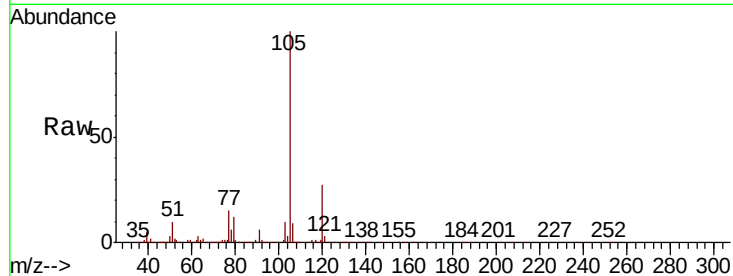
RE131D1-20200309MS

Tot Ion:105 Resp: 580166

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 50.214 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion: 43 Resp: 257432

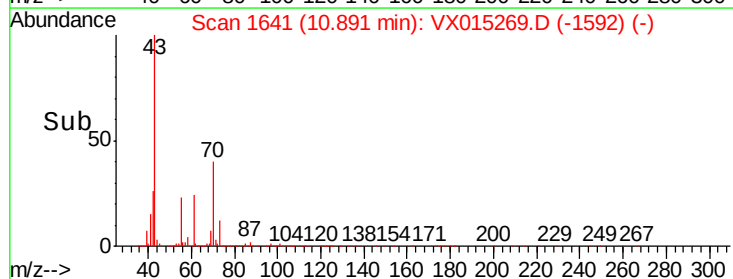
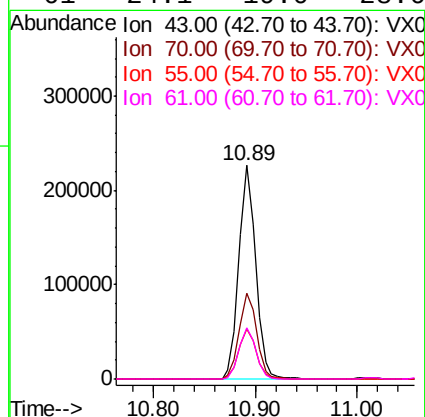
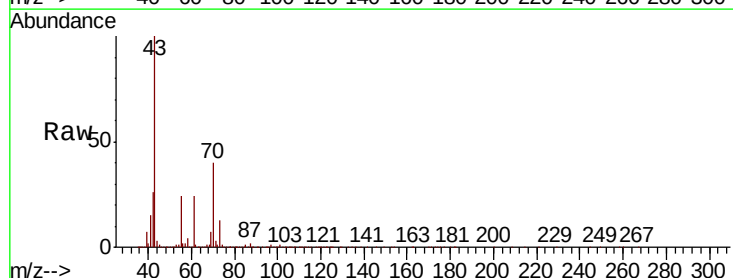
Ion Ratio Lower Upper

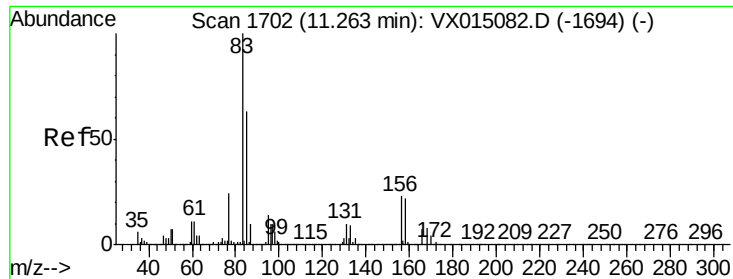
43 100

70 41.5 34.7 52.1

55 24.1 19.4 29.0

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.306 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

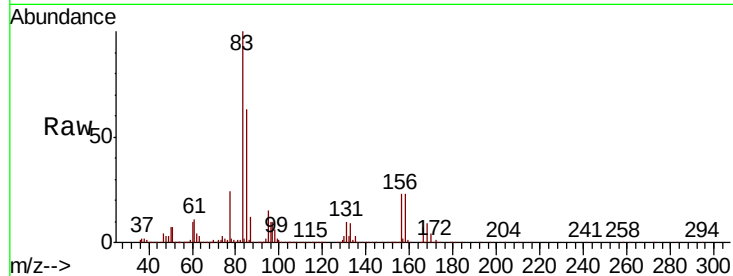
Tot Ion: 83 Resp: 187730

Ion Ratio Lower Upper

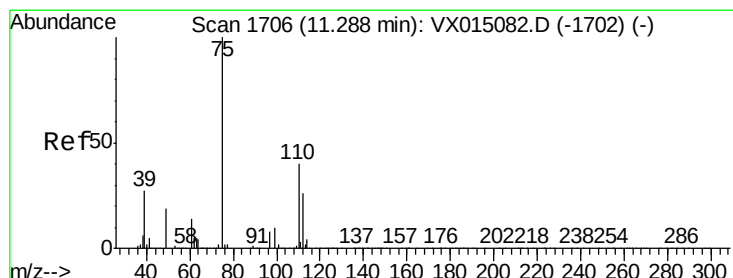
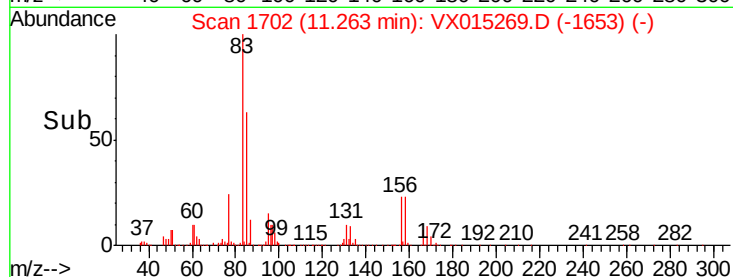
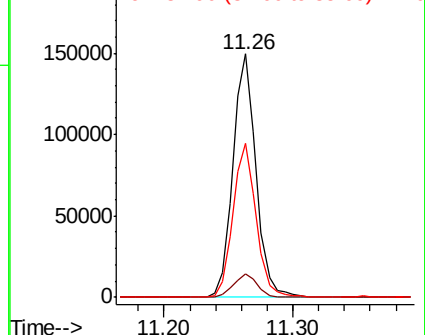
83 100

131 10.1 5.0 14.9

85 63.7 31.9 95.9



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: 56.695 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015269.D

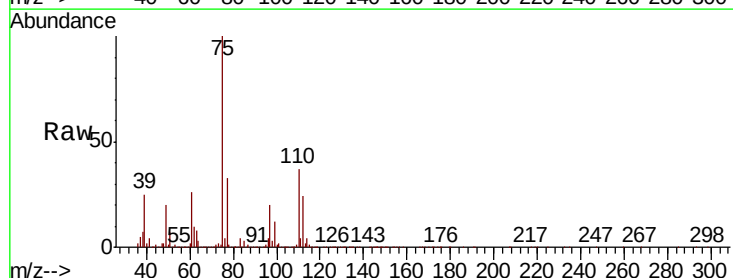
Acq: 13 Mar 2020 18:44

Tgt Ion: 75 Resp: 215357

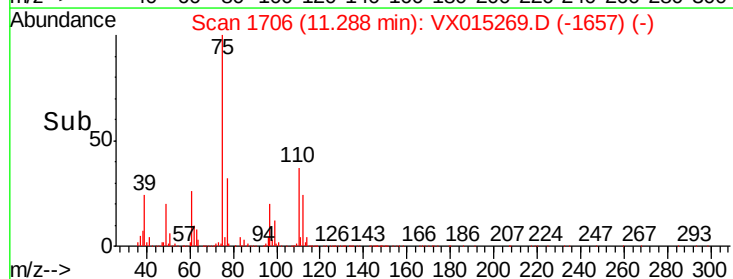
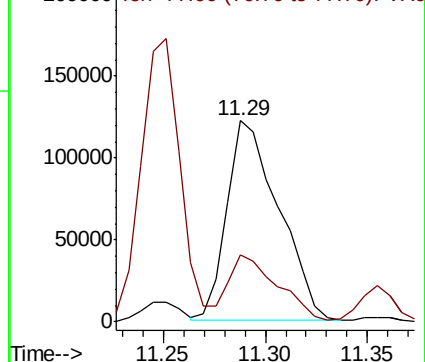
Ion Ratio Lower Upper

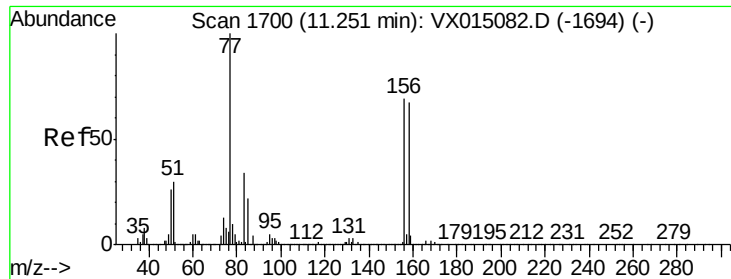
75 100

77 31.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.657 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

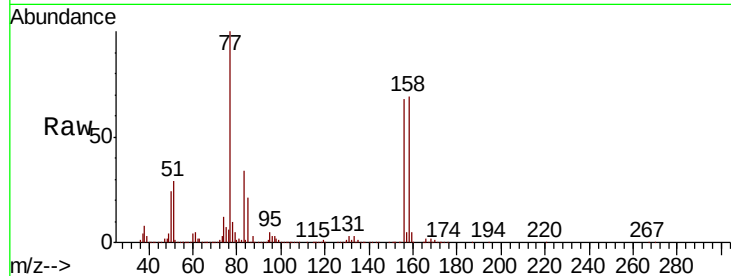
Tot Ion:156 Resp: 154787

Ion Ratio Lower Upper

156 100

77 148.7 75.3 225.9

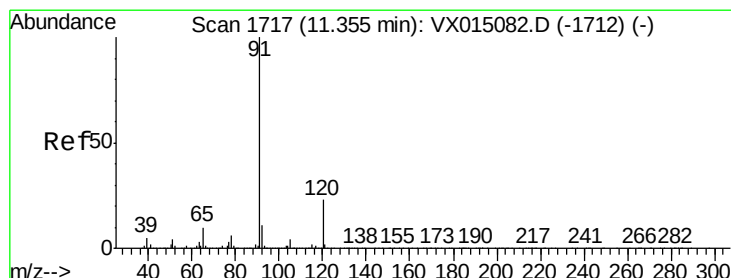
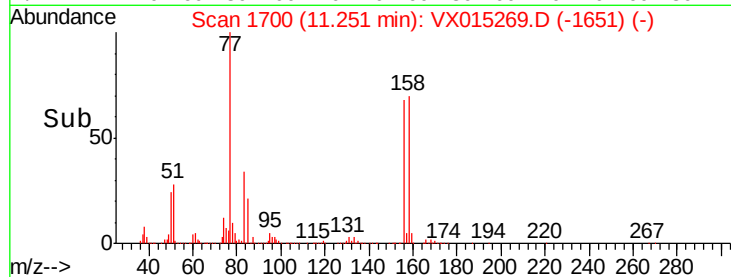
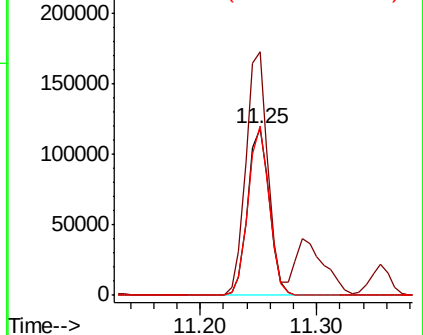
158 99.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.395 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015269.D

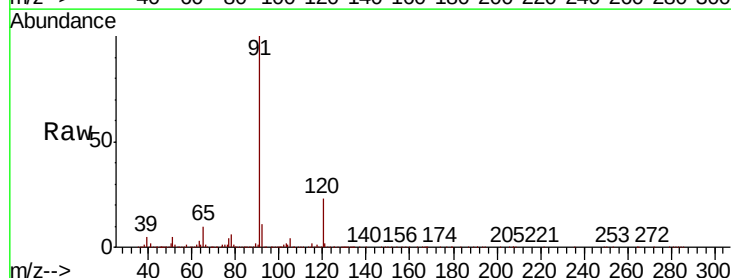
Acq: 13 Mar 2020 18:44

Tgt Ion: 91 Resp: 672598

Ion Ratio Lower Upper

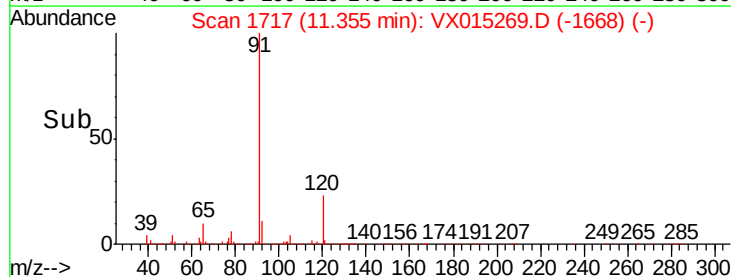
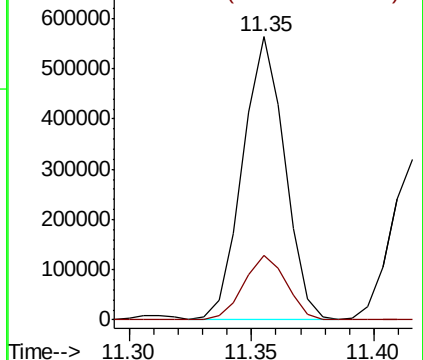
91 100

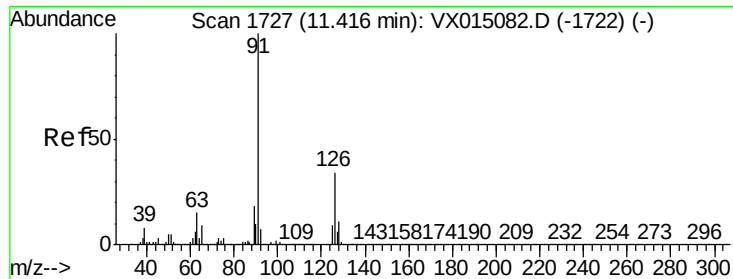
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.866 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

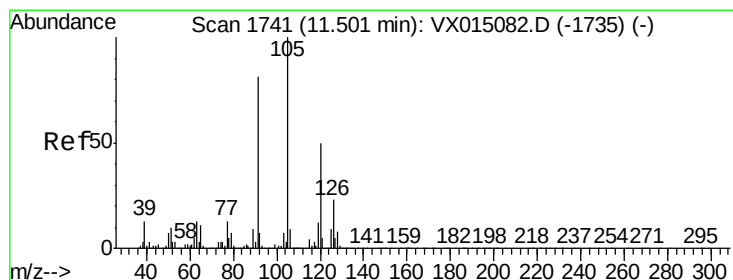
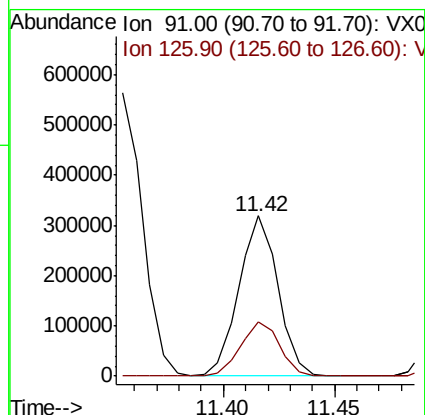
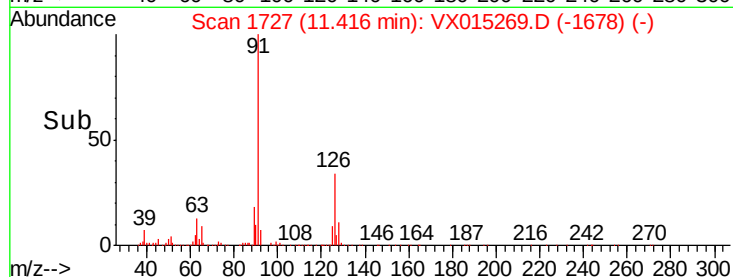
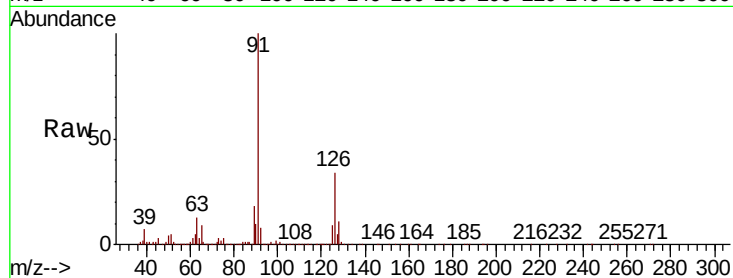
RE131D1-20200309MS

Tot Ion: 91 Resp: 388978

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 47.078 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015269.D

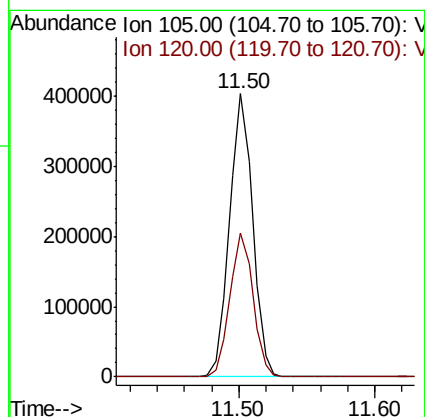
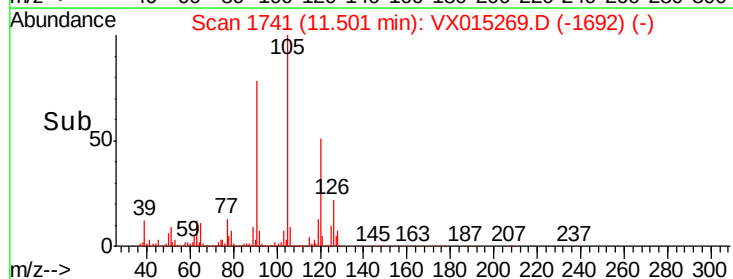
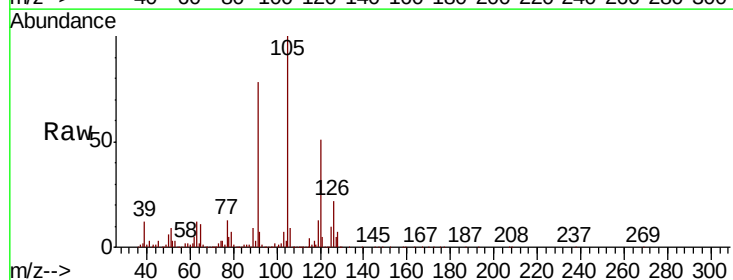
Acq: 13 Mar 2020 18:44

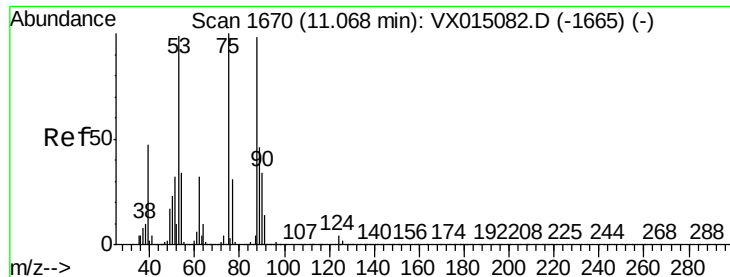
Tgt Ion: 105 Resp: 476755

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.4

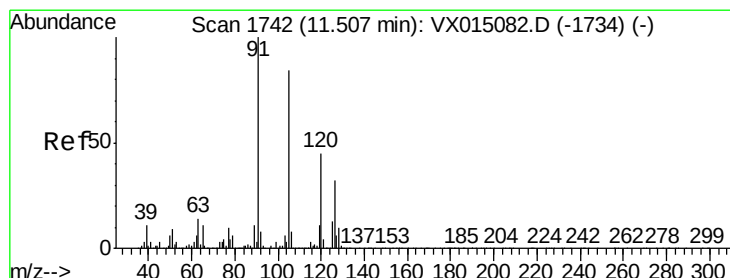
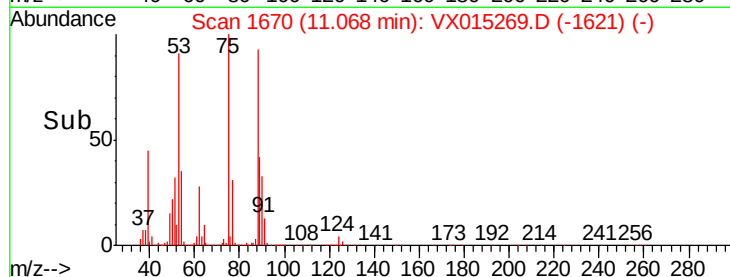
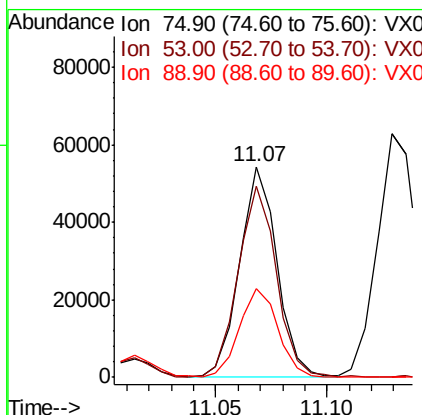
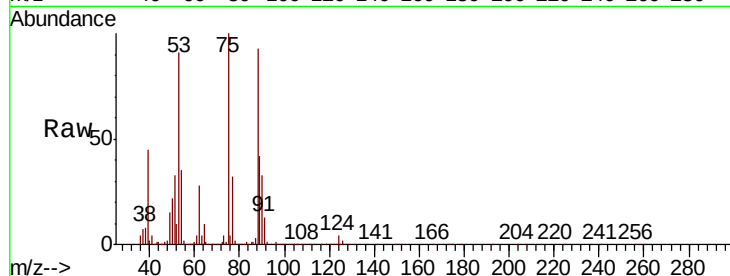




#81
trans-1,4-Dichloro-2-butene
Concen: 47.063 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

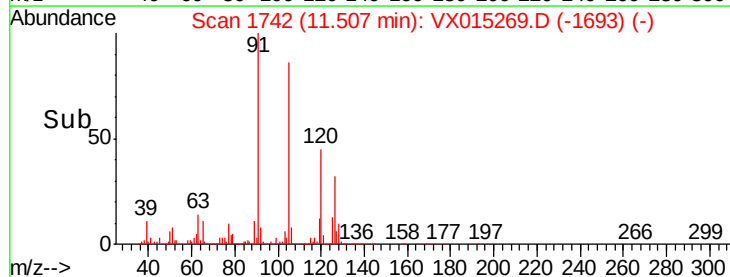
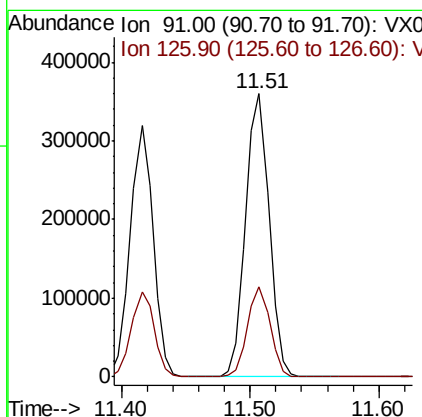
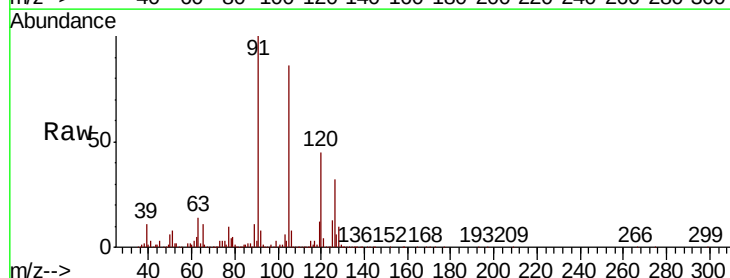
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

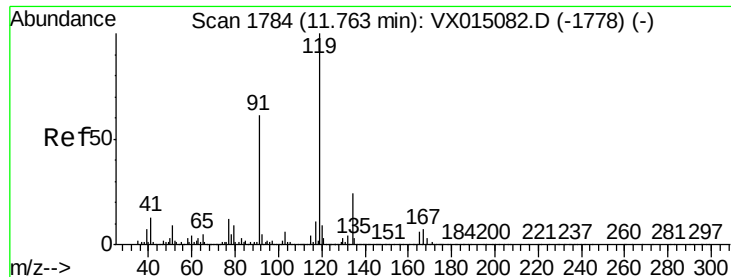
Tot Ion: 75 Resp: 62991
Ion Ratio Lower Upper
75 100
53 93.1 77.9 116.9
89 43.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 46.144 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 91 Resp: 452477
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

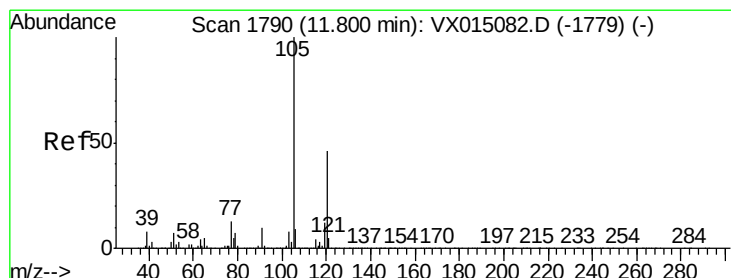
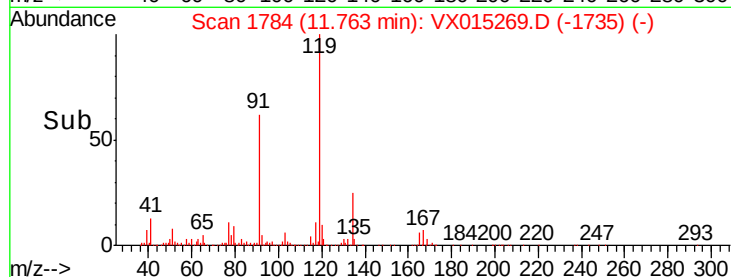
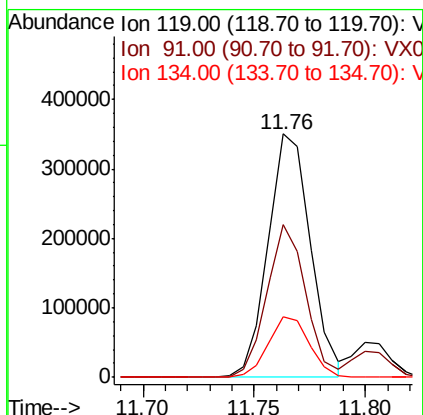
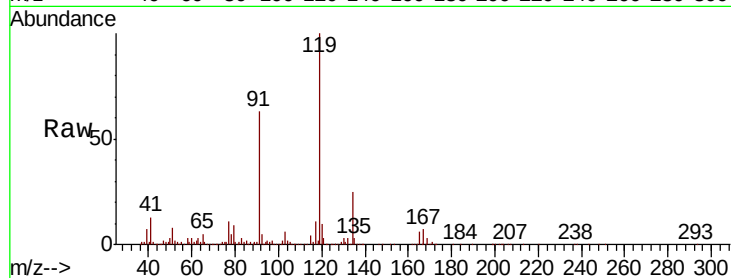




#83
 tert-Butylbenzene
 Concen: 47.134 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

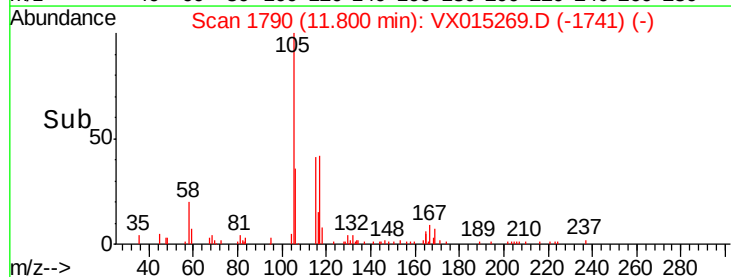
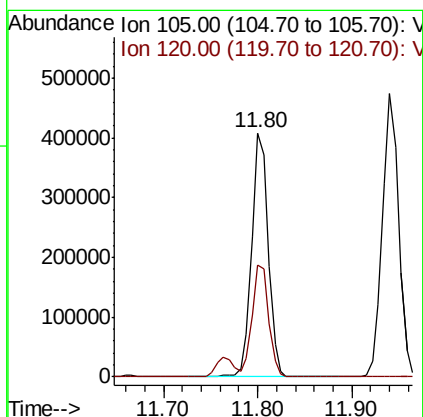
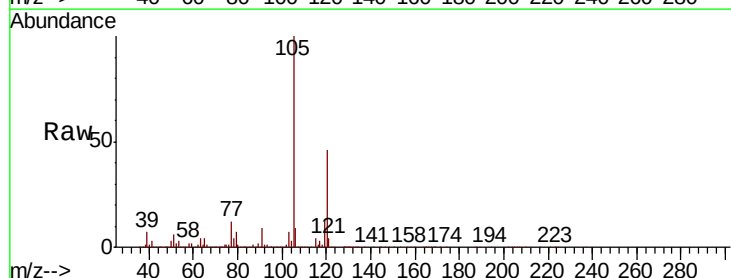
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

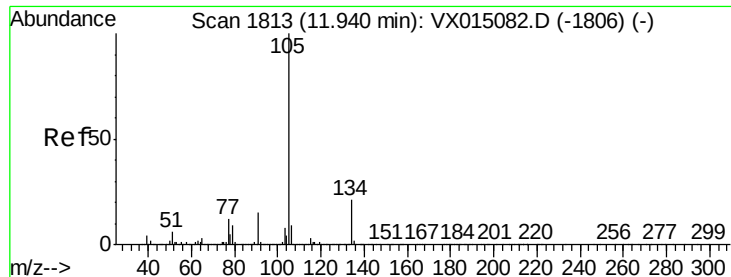
Tot Ion:119 Resp: 461528
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 24.4 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.916 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion:105 Resp: 497645
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.280 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

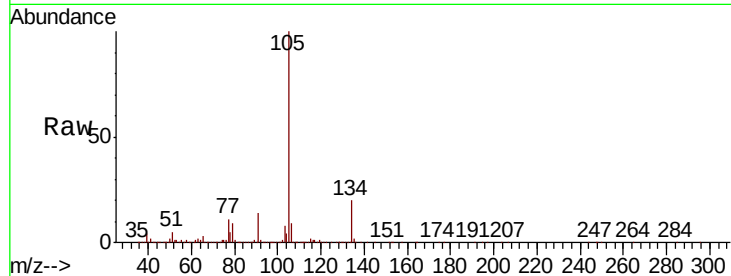
RE131D1-20200309MS

Tot Ion:105 Resp: 570697

Ion Ratio Lower Upper

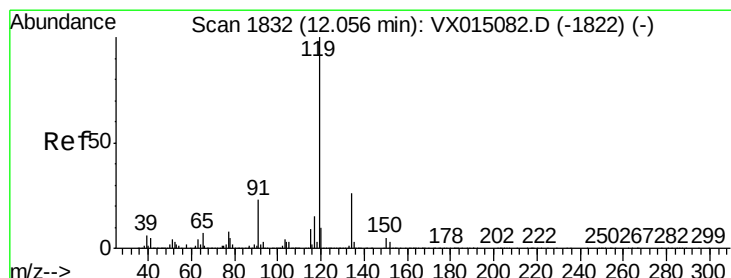
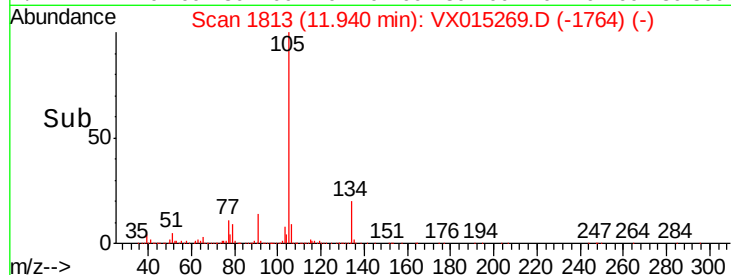
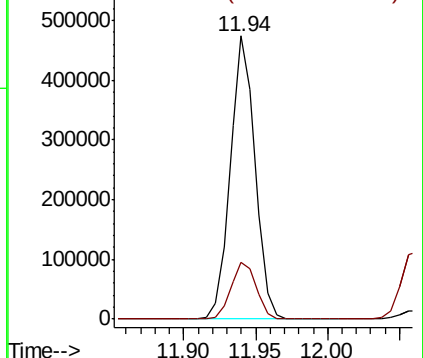
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.636 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

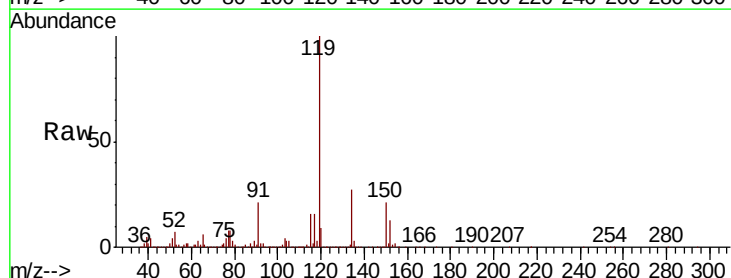
Tgt Ion:119 Resp: 529673

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

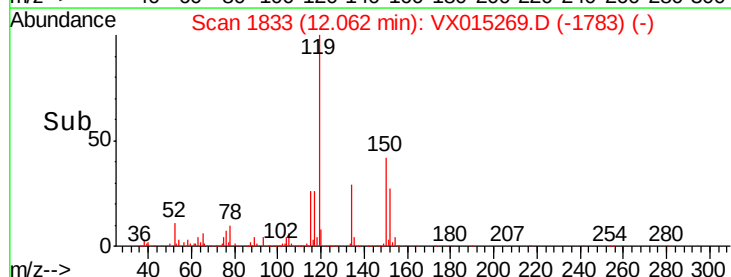
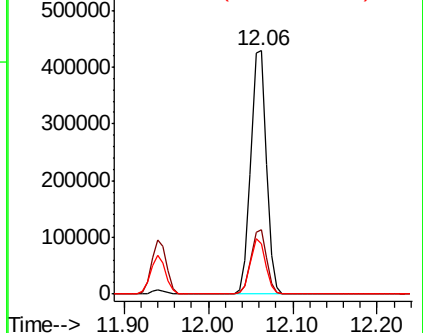
91 21.9 11.3 33.8

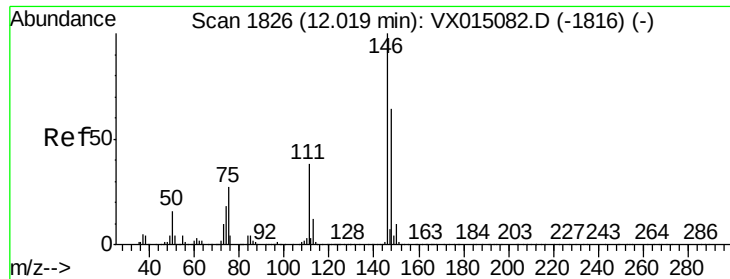


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.610 ug/l

RT: 12.02 min Scan# 1826

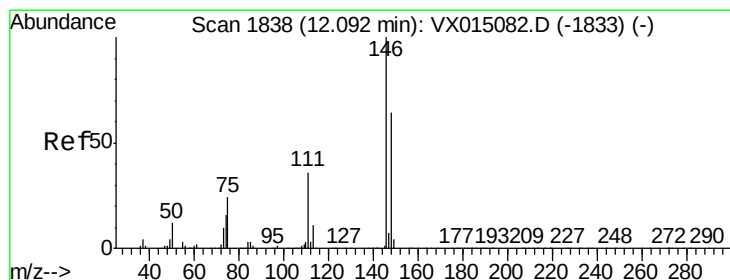
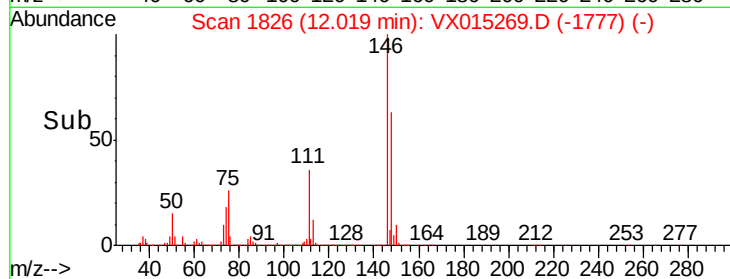
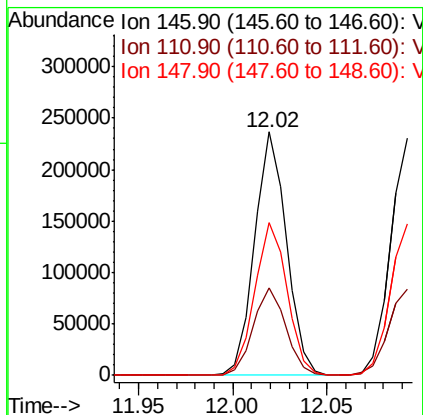
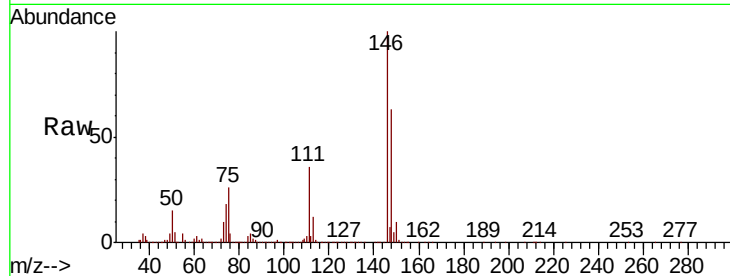
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	63.9	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 45.293 ug/l

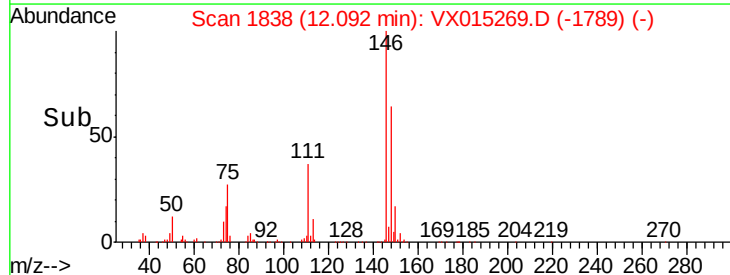
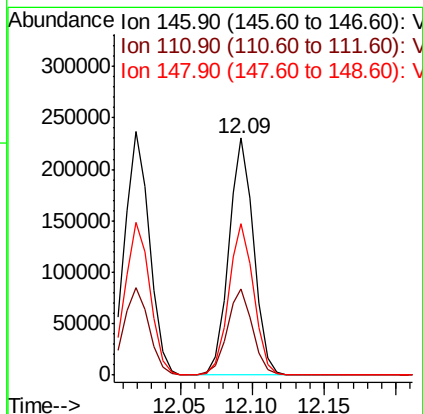
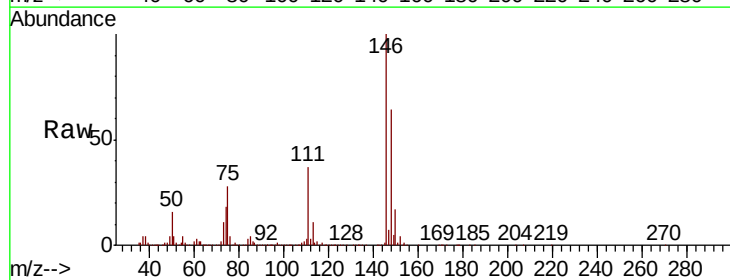
RT: 12.09 min Scan# 1838

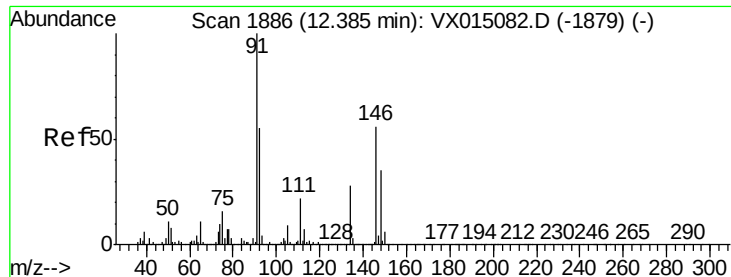
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.1	32.5	97.4





#89

n-Butylbenzene

Concen: 47.760 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

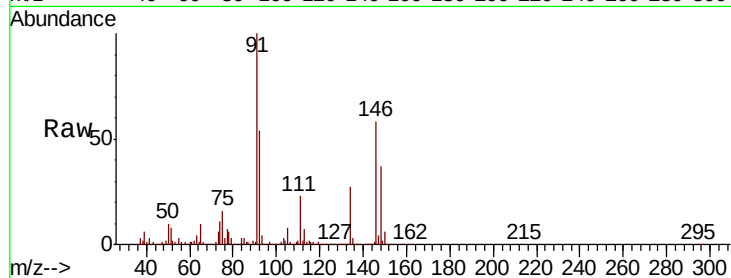
Tot Ion: 91 Resp: 462609

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

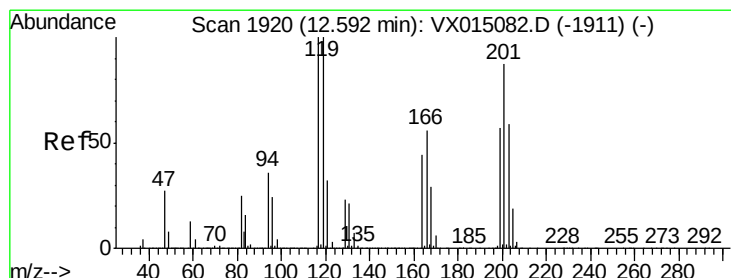
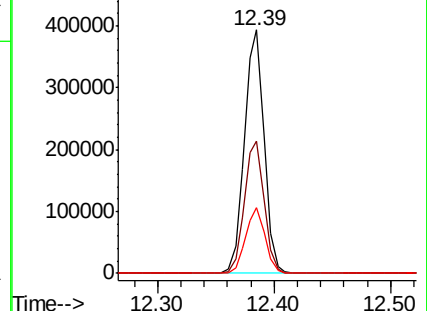
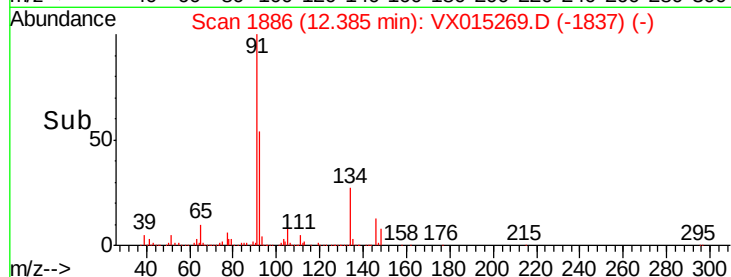
134 26.8 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX015082.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX015082.D (-1879) (-)



#90

Hexachloroethane

Concen: 45.292 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015269.D

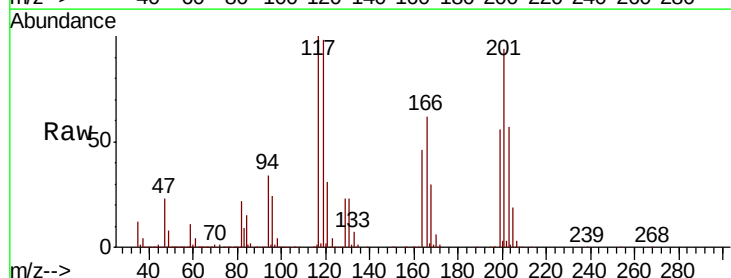
Acq: 13 Mar 2020 18:44

Tgt Ion: 117 Resp: 93250

Ion Ratio Lower Upper

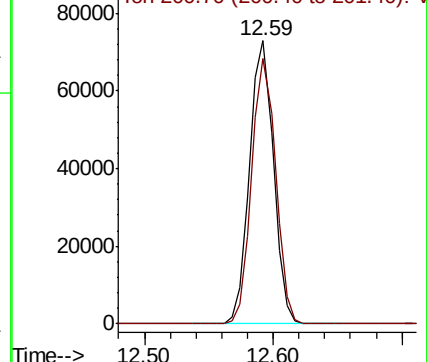
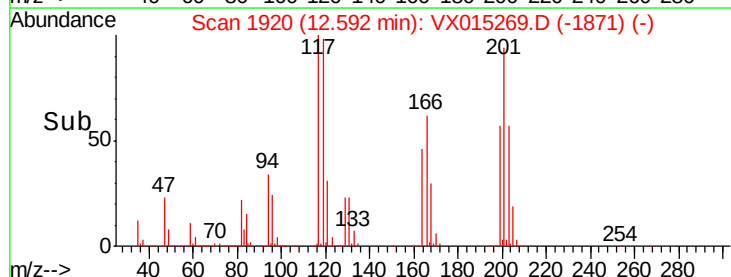
117 100

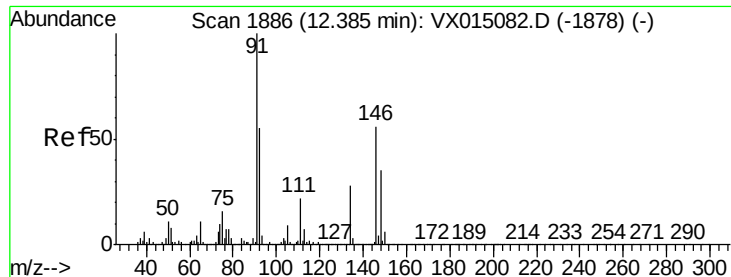
201 93.7 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX015082.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX015082.D (-1911) (-)

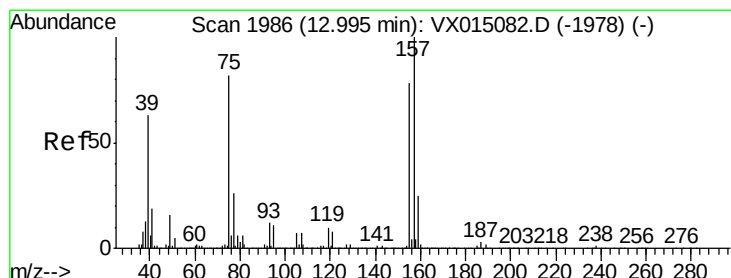
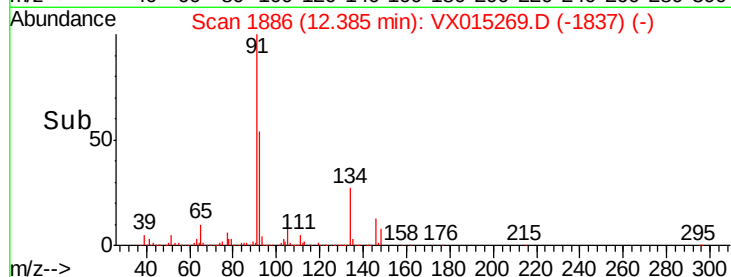
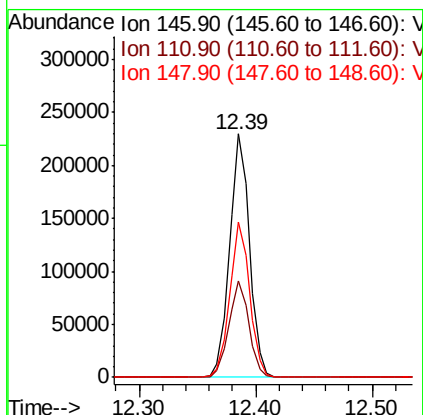
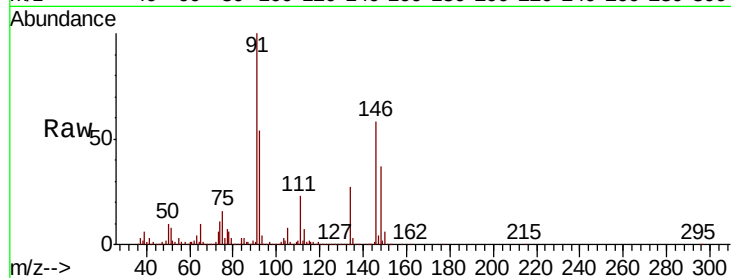




#91
 1,2-Dichlorobenzene
 Concen: 46.092 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

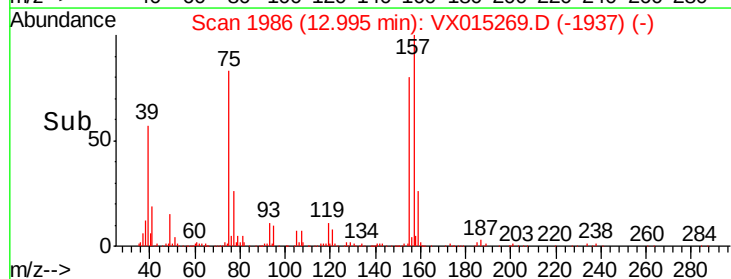
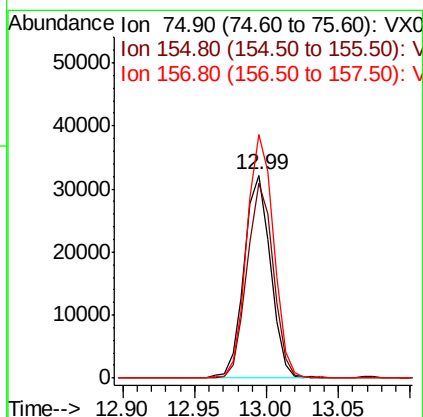
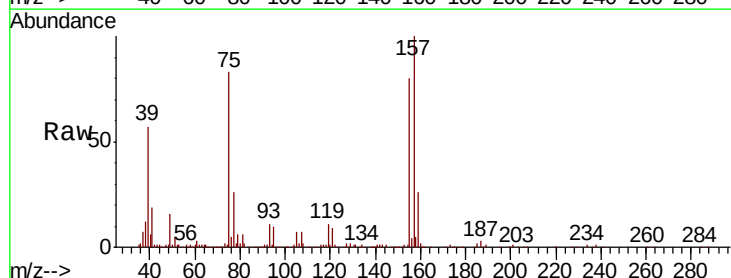
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

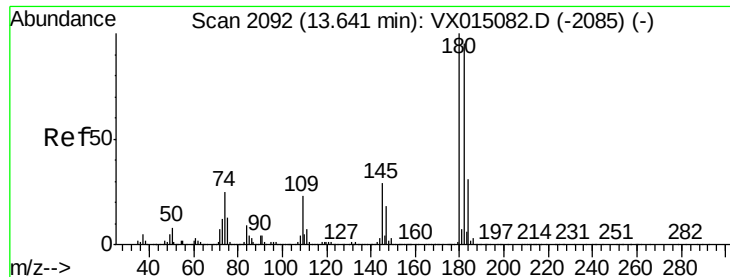
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.8	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.745 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.6	139.7
157	122.5	59.2	177.5

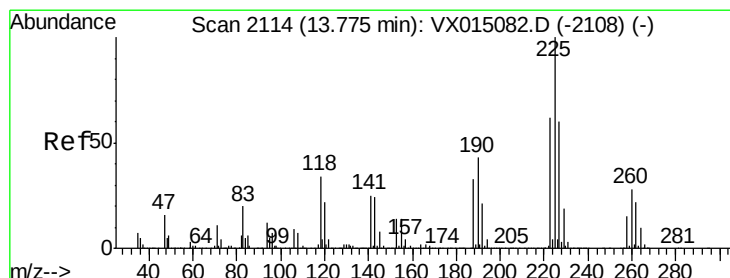
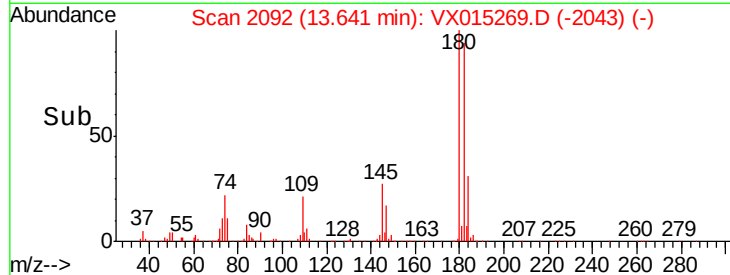
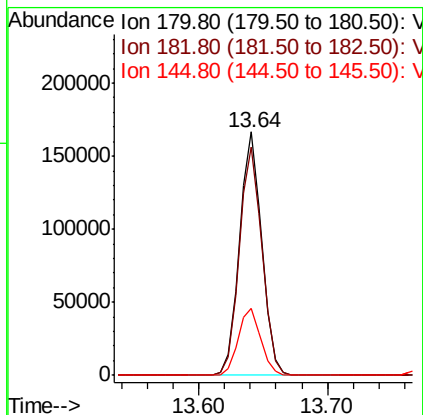
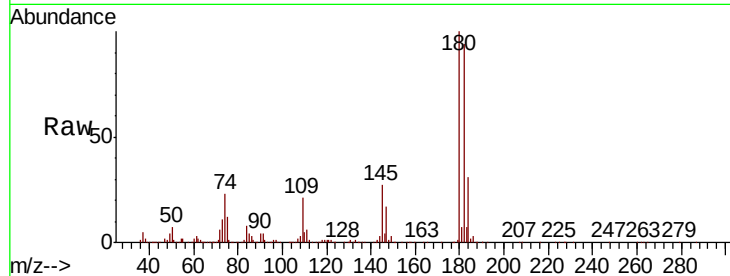




#93
 1,2,4-Trichlorobenzene
 Concen: 48.307 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

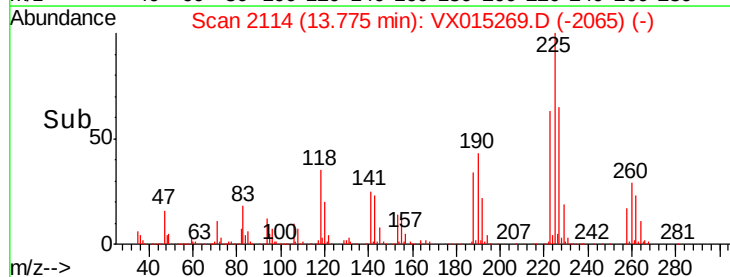
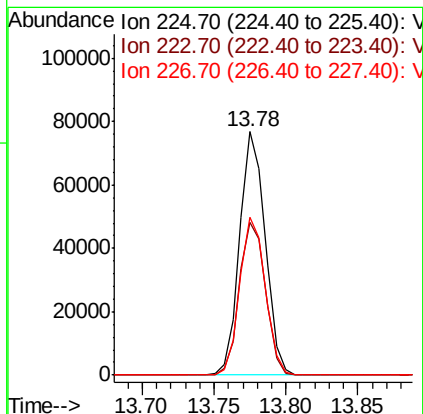
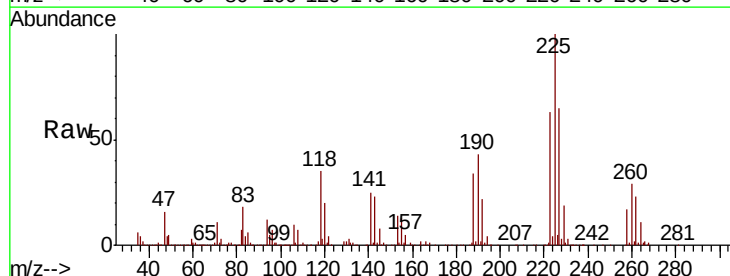
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

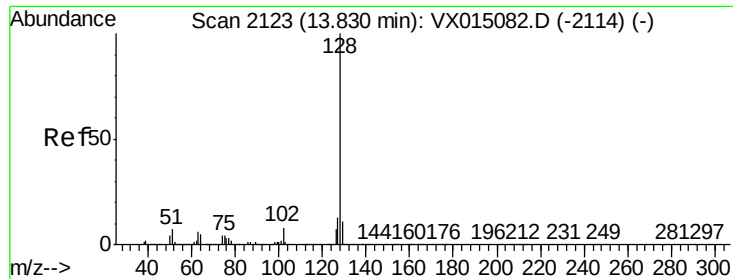
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 44.835 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	64.7	31.1	93.2

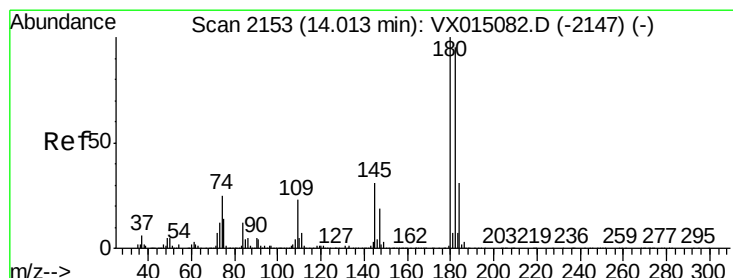
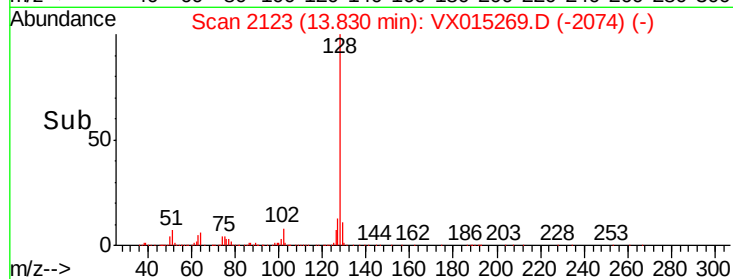
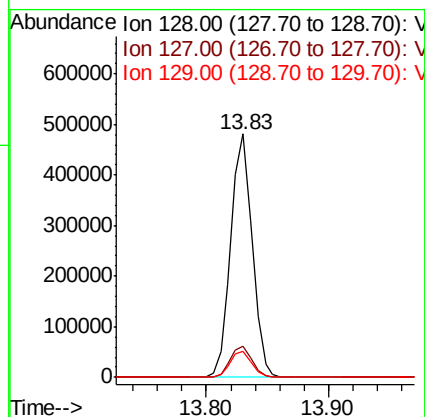
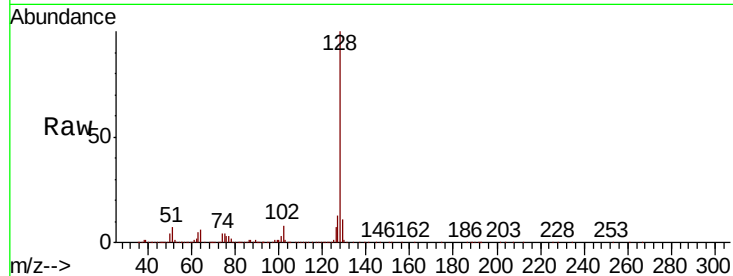




#95
Naphthalene
Concen: 46.271 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion:128 Resp: 581876
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.975 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:180 Resp: 200978
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 29.6 15.1 45.3

