

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013091.D
 Acq On : 16 Oct 2019 12:41
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 03:08:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	37822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	213282	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	193749	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	86475	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.13	95	99875	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	8.71	98	263586	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	46983	18.425	ug/l 99
3) Chloromethane	1.32	50	46251	18.479	ug/l 98
4) Vinyl Chloride	1.40	62	44659	17.887	ug/l 94
5) Bromomethane	1.63	94	28641	24.547	ug/l 96
6) Chloroethane	1.72	64	28350	18.470	ug/l 99
7) Trichlorofluoromethane	1.92	101	66577	18.148	ug/l 99
8) Diethyl Ether	2.18	74	24632	18.245	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41752	18.055	ug/l 98
10) 1,1-Dichloroethene	2.36	96	41905	18.420	ug/l 95
11) Methyl Iodide	2.50	142	38953	14.000	ug/l 97
12) Methyl Acetate	2.76	43	56667	17.813	ug/l 100
13) Acrolein	2.28	56	42896	93.706	ug/l 94
14) Acrylonitrile	3.13	53	118559	89.287	ug/l 99
15) Acetone	2.43	58	39173	83.333	ug/l 98
16) Carbon Disulfide	2.56	76	114037	18.536	ug/l 96
17) Allyl chloride	2.72	41	68960	17.863	ug/l 95
18) Methylene Chloride	2.84	84	45906	17.737	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	44944	18.451	ug/l 95
20) Diisopropyl ether	3.84	45	136503	18.430	ug/l 96
21) 1,1-Dichloroethane	3.69	63	77492	18.142	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	50676	18.102	ug/l 100
23) tert-Butyl Alcohol	3.03	59	59674	88.949	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	142108	18.328	ug/l 99
25) Chloroform	5.20	83	80014	18.116	ug/l 98
26) Cyclohexane	5.57	56	71082	18.314	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	60163	18.493	ug/l 99
30) 2-Butanone	4.65	43	171726	89.616	ug/l 100
31) 2,2-Dichloropropane	4.57	77	68215	18.535	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	70064	18.410	ug/l 98
33) Carbon Tetrachloride	5.77	117	59156	18.118	ug/l 99
34) Benzene	6.13	78	177376	18.365	ug/l 99
35) Methacrylonitrile	5.03	41	33269	17.704	ug/l 95
36) 1,2-Dichloroethane	6.18	62	64671	18.520	ug/l 99
37) Trichloroethene	7.20	130	48536	18.811	ug/l 100
38) Methylcyclohexane	7.45	83	76879	19.308	ug/l 99
39) 1,2-Dichloropropane	7.50	63	45088	18.589	ug/l 97
40) Dibromomethane	7.65	93	30945	18.787	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	60053	18.362	ug/l	99
42) Vinyl Acetate	3.80	43	589626	93.961	ug/l	100
43) Ethyl Acetate	4.82	43	59562	17.271	ug/l	100
44) Isopropyl Acetate	6.43	43	101026	18.166	ug/l	98
45) 1,4-Dioxane	7.73	88	24357	356.361	ug/l	95
46) Methyl methacrylate	7.76	41	49256	18.122	ug/l	92
47) n-amyl Acetate	10.89	43	85640	18.086	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	67252	18.580	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	75332	18.866	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	44603	17.943	ug/l	98
51) Ethyl methacrylate	9.17	69	71895	18.389	ug/l	96
52) 1,3-Dichloropropane	9.36	76	76026	18.223	ug/l	99
53) Dibromochloromethane	9.57	129	45952	18.001	ug/l	100
54) 1,2-Dibromoethane	9.67	107	49075	18.769	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	157480	91.557	ug/l	100
56) Bromoform	10.85	173	31337	17.641	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	315493	89.492	ug/l	100
59) 2-Hexanone	9.48	43	246401	89.567	ug/l	100
61) Tetrachloroethene	9.33	164	45602	18.474	ug/l	94
62) Toluene	8.78	91	196603	18.672	ug/l	100
64) Chlorobenzene	10.14	112	125411	18.741	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	43813	17.826	ug/l	97
66) Ethyl Benzene	10.25	91	222174	18.487	ug/l	98
67) m/p-Xylenes	10.35	106	169272	37.439	ug/l	100
68) o-Xylene	10.70	106	82027	18.631	ug/l	97
69) Styrene	10.71	104	138469	18.269	ug/l	99
70) Isopropylbenzene	11.01	105	219693	18.682	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	67799	17.716	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	78993	24.824	ug/l	80
73) Bromobenzene	11.25	156	52183	18.606	ug/l	96
74) n-propylbenzene	11.35	91	247701	18.858	ug/l	100
75) 2-Chlorotoluene	11.42	91	148040	18.398	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	179807	17.969	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	21596	17.537	ug/l	89
78) 4-Chlorotoluene	11.51	91	172342	18.522	ug/l	99
79) tert-butylbenzene	11.76	119	174810	18.571	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	184694	18.508	ug/l	97
81) sec-Butylbenzene	11.94	105	202619	17.869	ug/l	98
82) p-Isopropyltoluene	12.06	119	190805	18.453	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	94944	18.677	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	93357	18.259	ug/l	99
85) n-Butylbenzene	12.39	91	159363	18.057	ug/l	97
86) Hexachloroethane	12.59	117	31112	17.364	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	90510	18.052	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	15536	17.679	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	58172	18.596	ug/l	99
90) Hexachlorobutadiene	13.78	225	26906	18.121	ug/l	95
91) Naphthalene	13.83	128	188880	17.753	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	58756	18.751	ug/l	97

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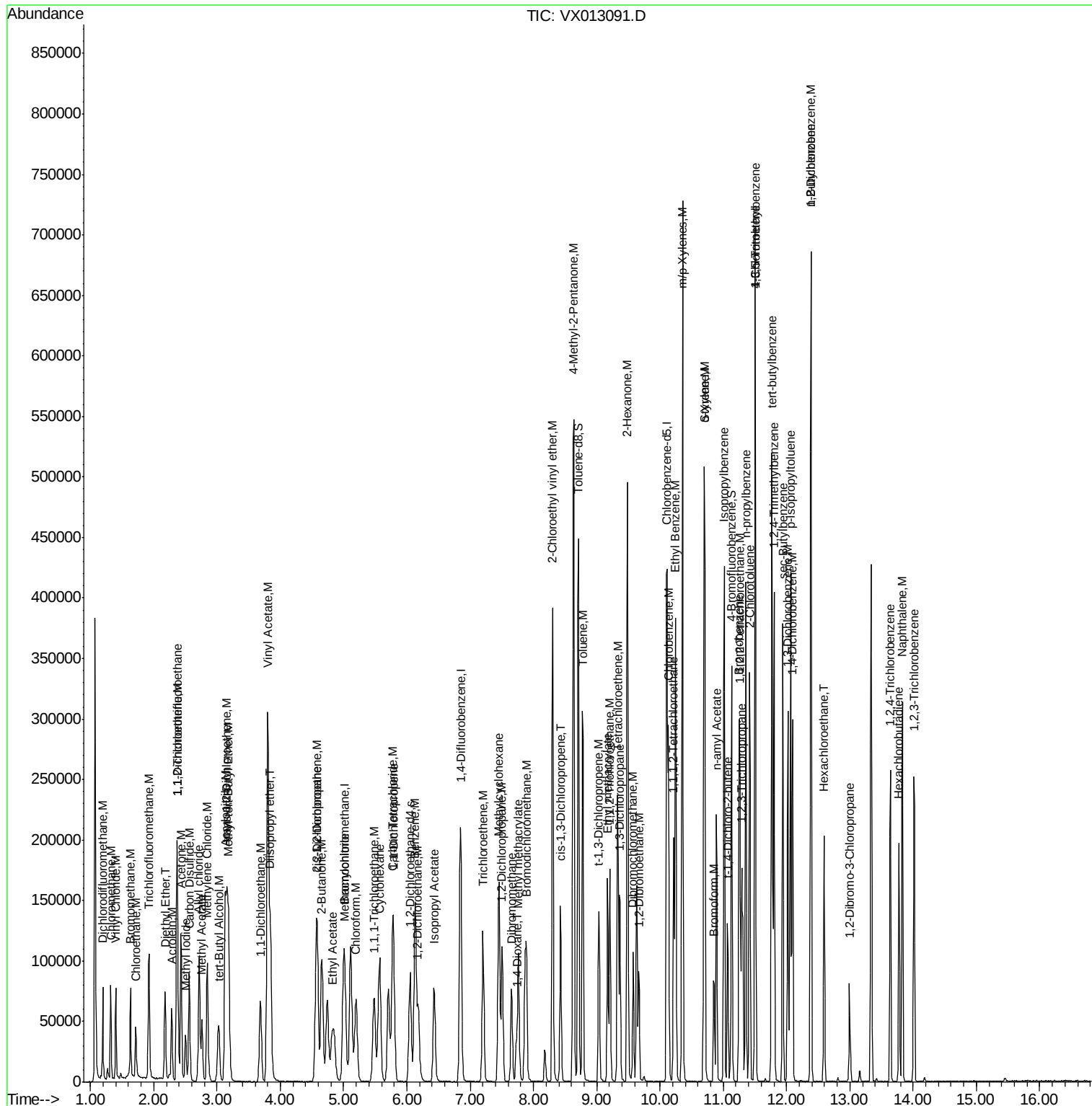
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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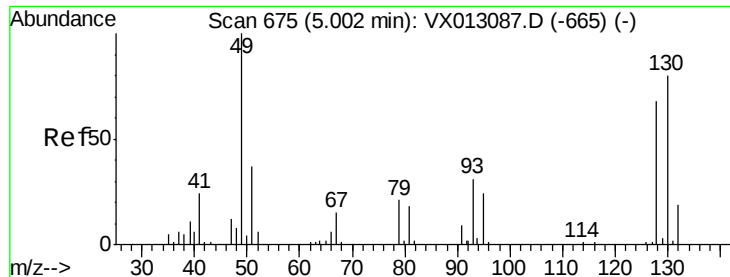
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 17 03:08:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 17 03:05:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampled :

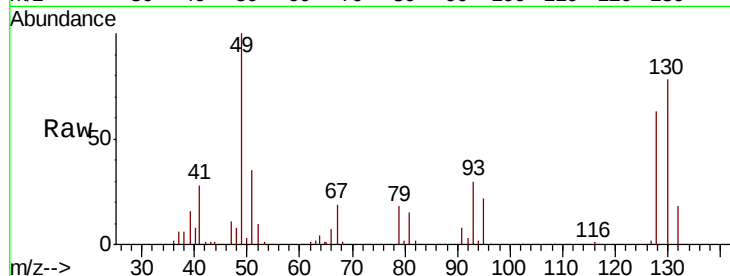
Tot Ion:128 Resp: 37822

Ion Ratio Lower Upper

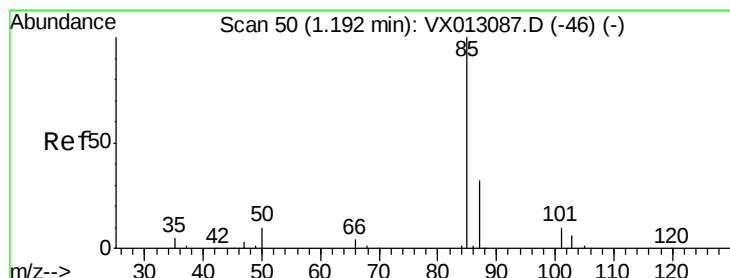
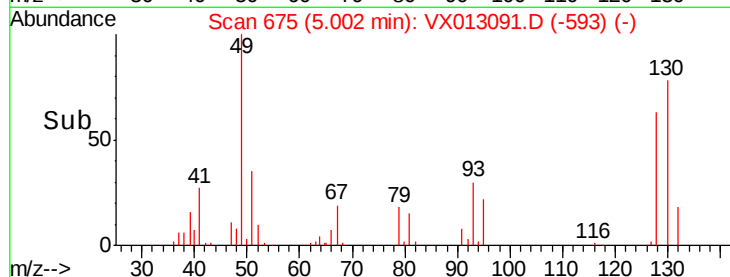
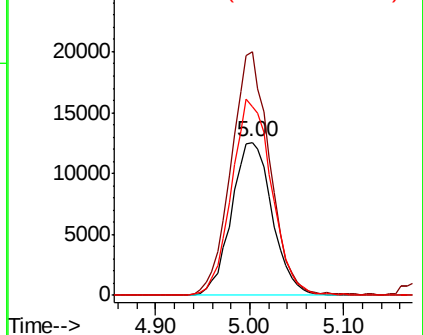
128 100

49 151.8 0.0 382.3

130 127.0 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.425 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013091.D

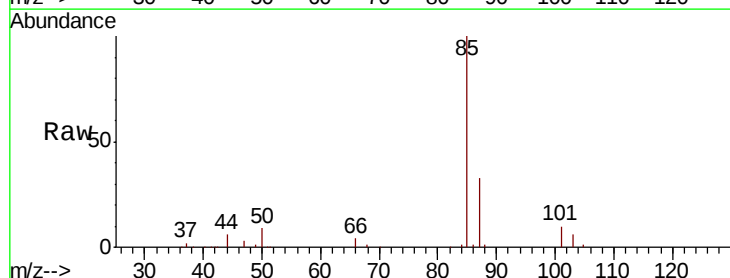
Acq: 16 Oct 2019 12:41

Tgt Ion: 85 Resp: 46983

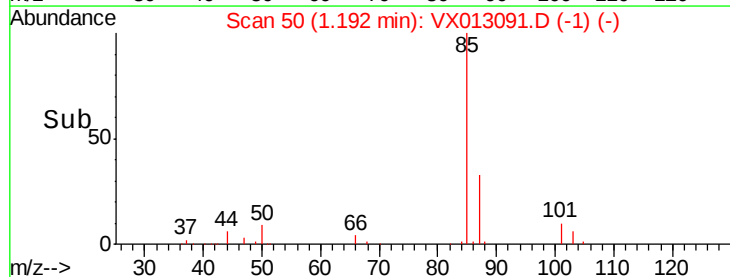
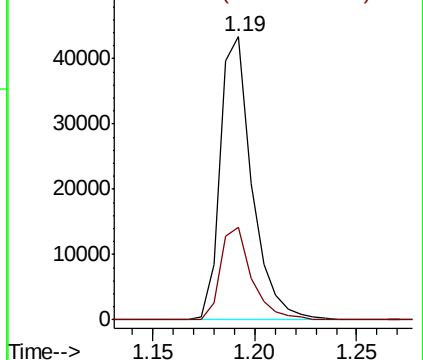
Ion Ratio Lower Upper

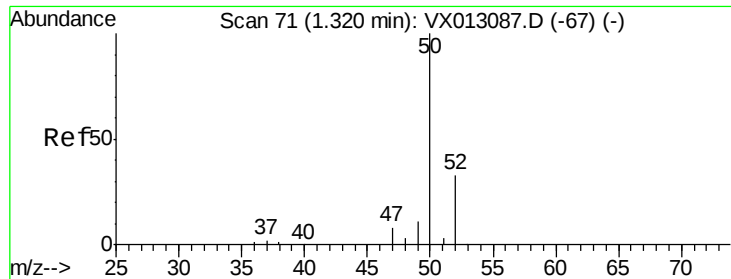
85 100

87 32.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.479 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

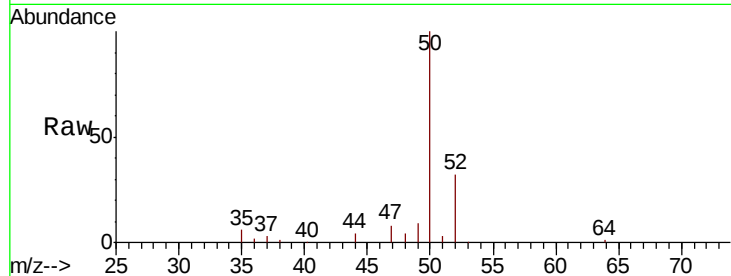
ClientSampled :

Tot Ion: 50 Resp: 46251

Ion Ratio Lower Upper

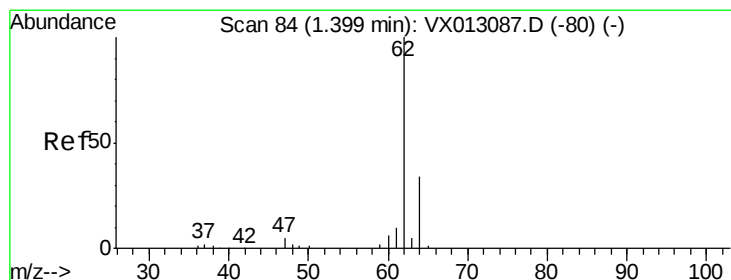
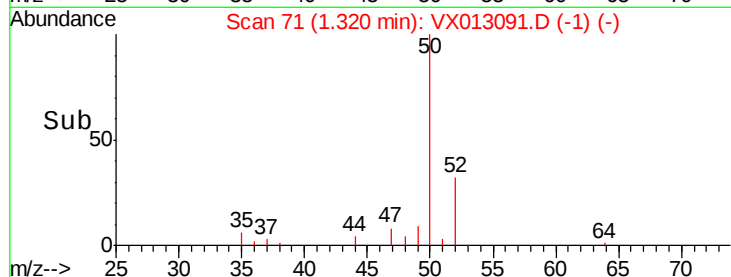
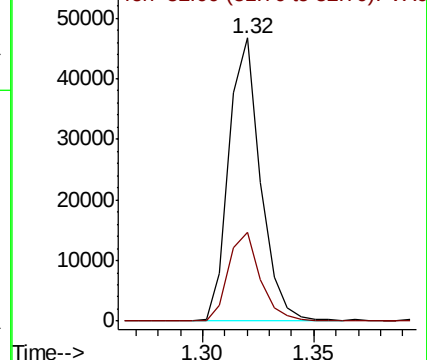
50 100

52 31.5 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.887 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013091.D

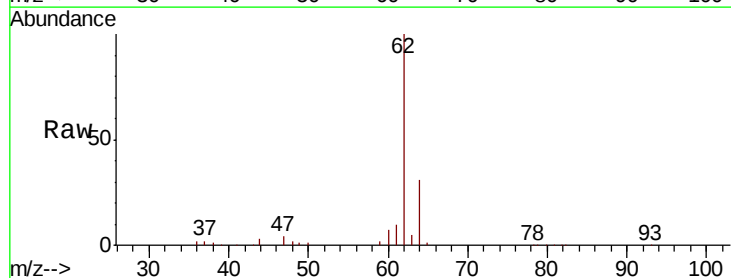
Acq: 16 Oct 2019 12:41

Tgt Ion: 62 Resp: 44659

Ion Ratio Lower Upper

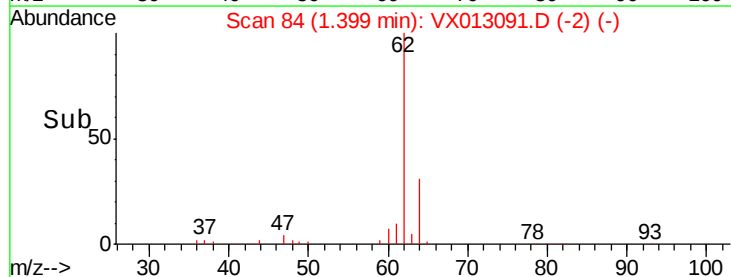
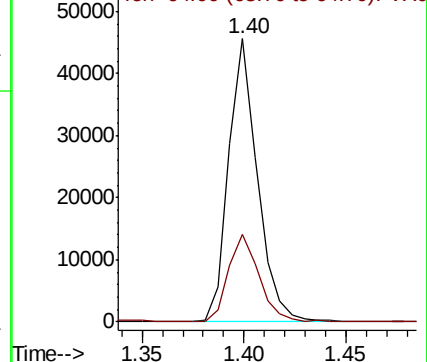
62 100

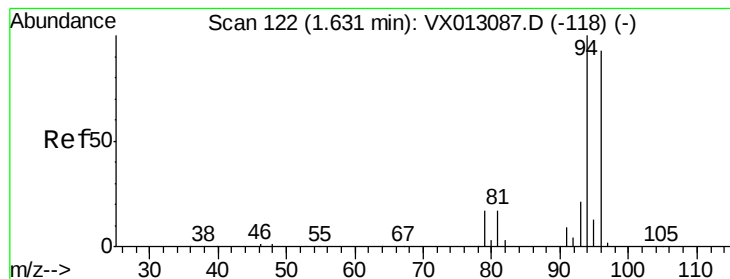
64 30.7 27.4 41.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 24.547 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

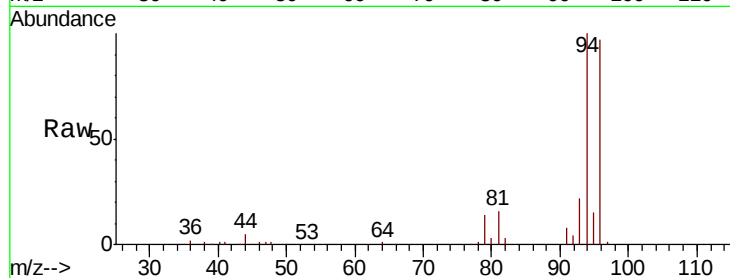
ClientSampled :

Tot Ion: 94 Resp: 28641

Ion Ratio Lower Upper

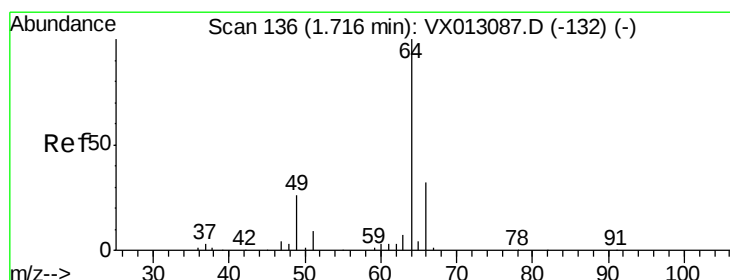
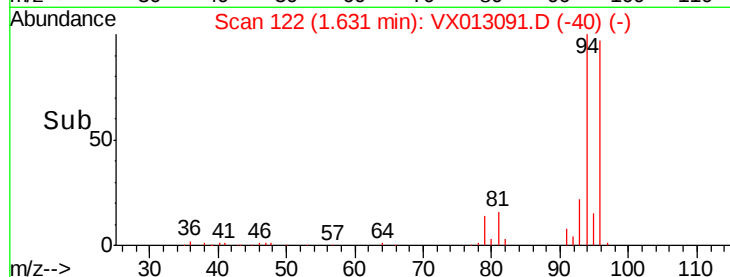
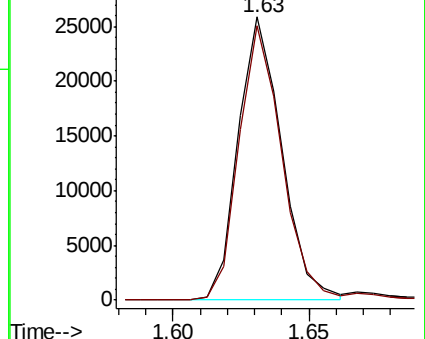
94 100

96 96.6 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.470 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013091.D

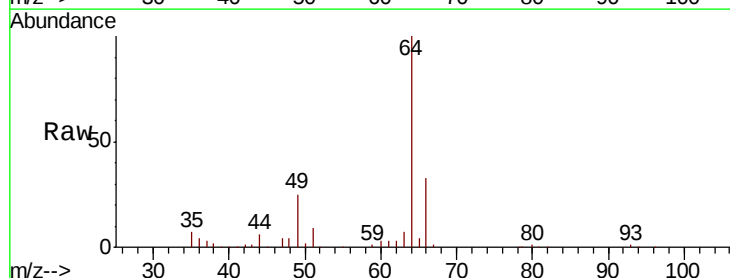
Acq: 16 Oct 2019 12:41

Tgt Ion: 64 Resp: 28350

Ion Ratio Lower Upper

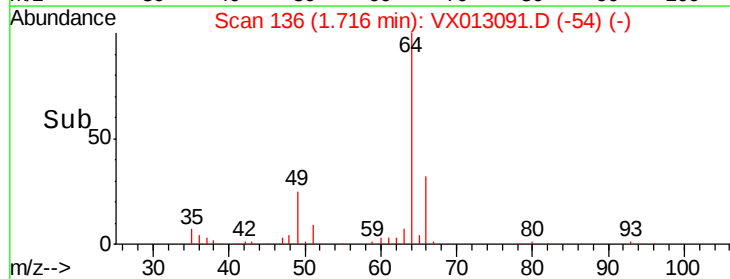
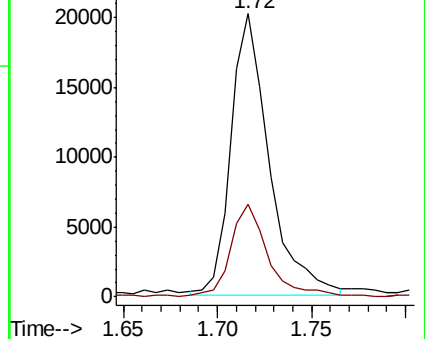
64 100

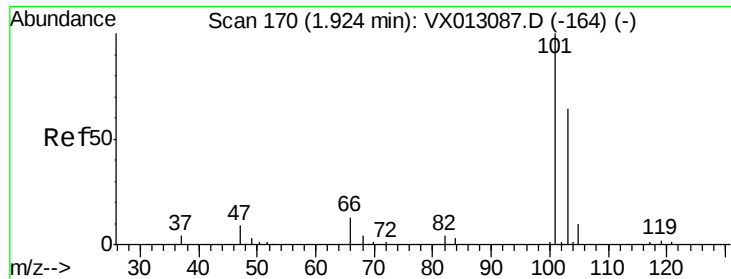
66 32.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



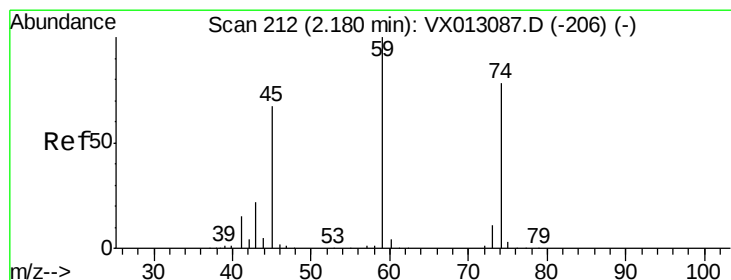
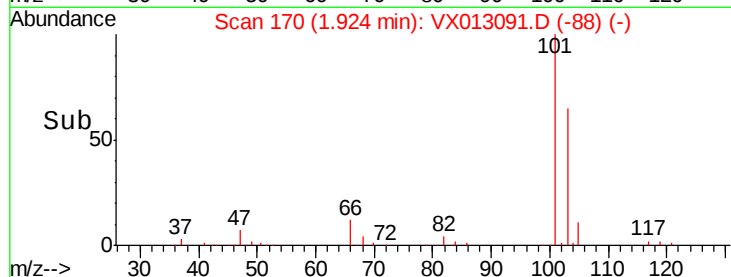
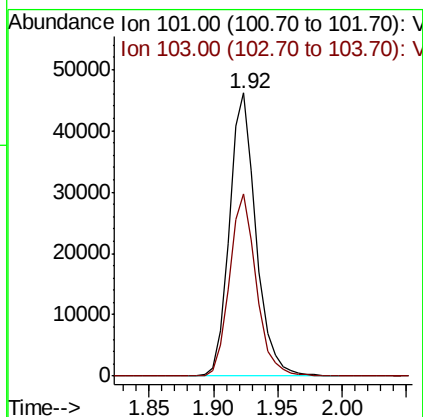
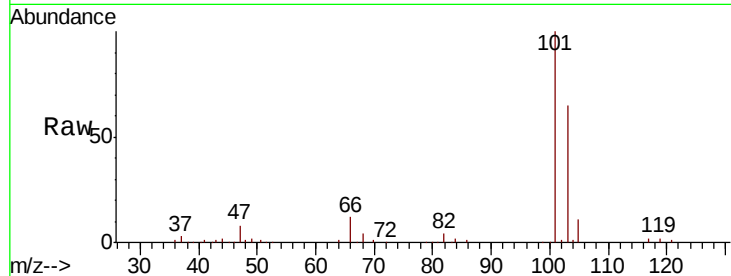


#7

Trichlorofluoromethane
 Concen: 18.148 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :

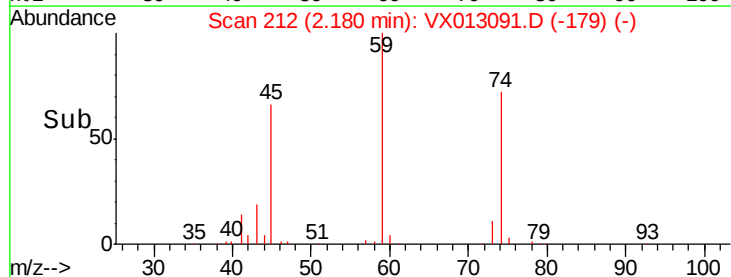
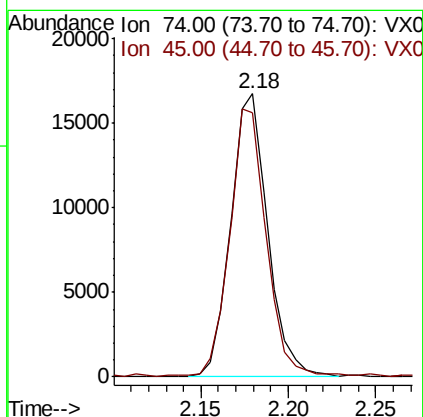
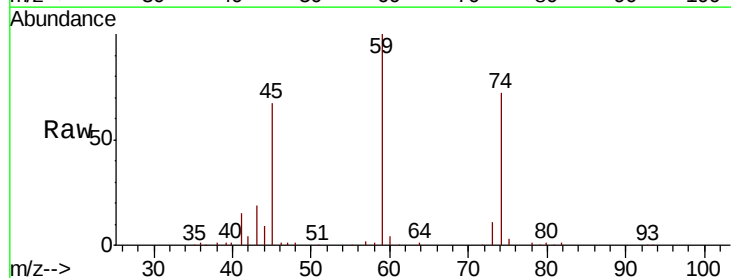
Tot Ion:101 Resp: 66577
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.9 76.3

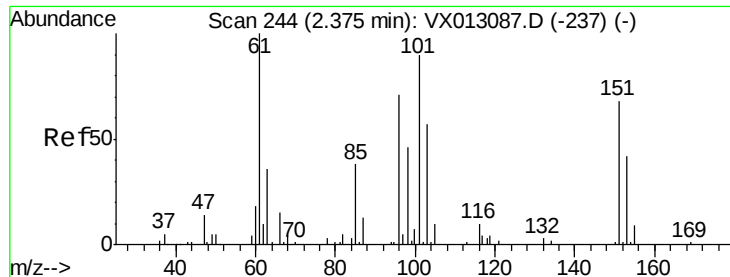


#8

Diethyl Ether
 Concen: 18.245 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 74 Resp: 24632
 Ion Ratio Lower Upper
 74 100
 45 93.8 18.2 163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

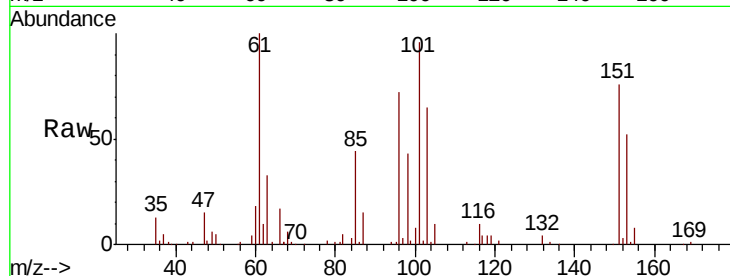
Tot Ion:101 Resp: 41752

Ion Ratio Lower Upper

101 100

85 44.2 0.0 85.2

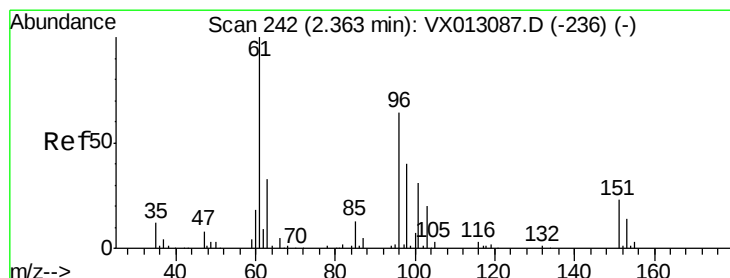
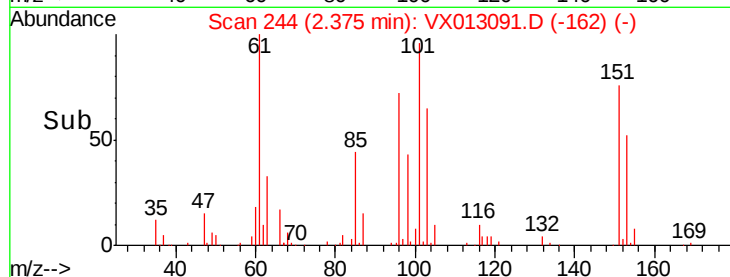
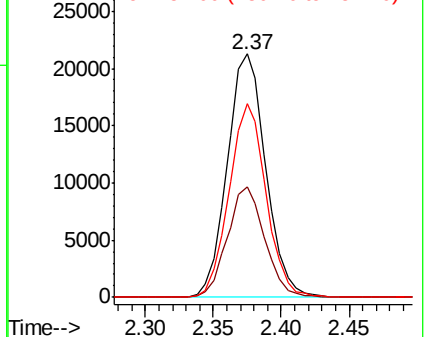
151 76.8 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.420 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

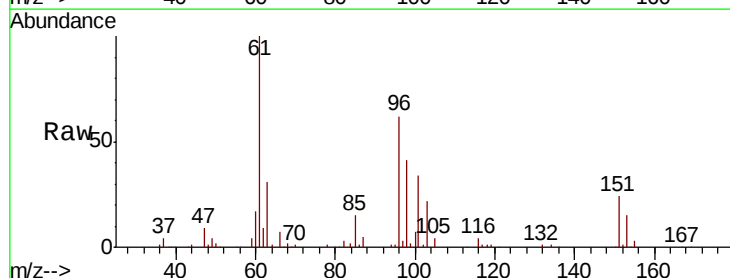
Tgt Ion: 96 Resp: 41905

Ion Ratio Lower Upper

96 100

61 162.2 124.2 186.2

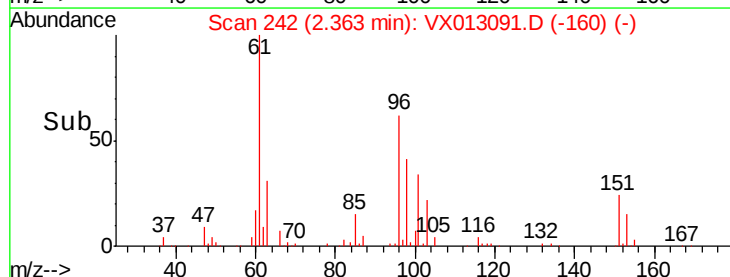
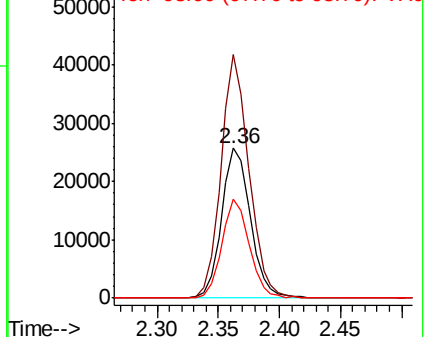
98 66.1 50.2 75.2

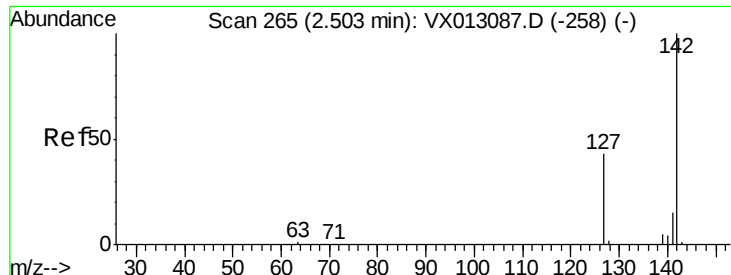


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

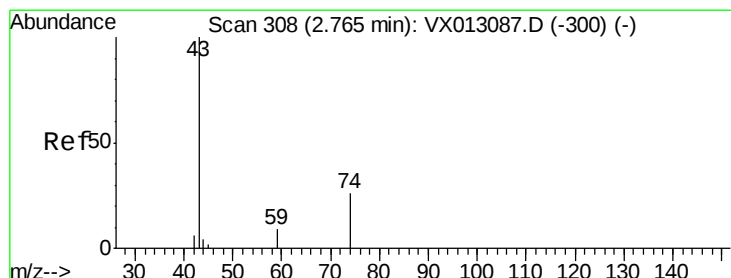
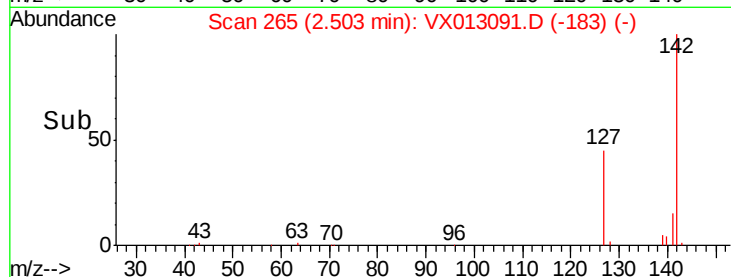
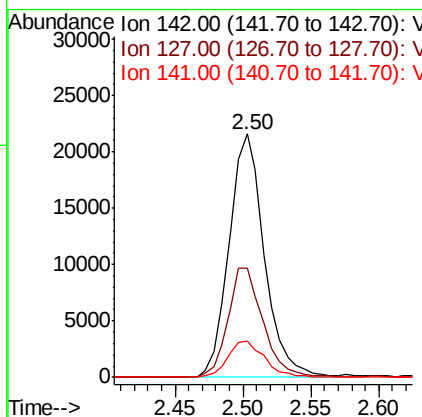
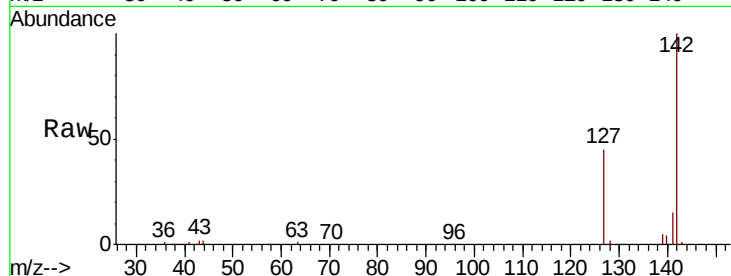




#11
Methvl Iodide
Concen: 14.000 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

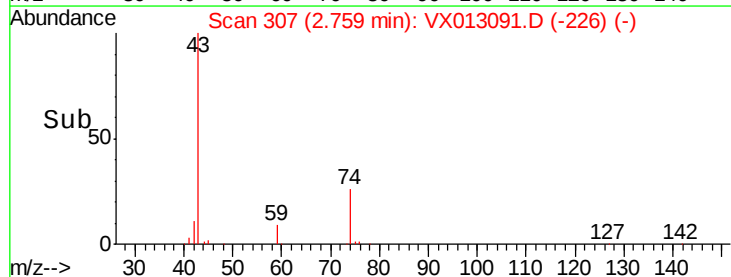
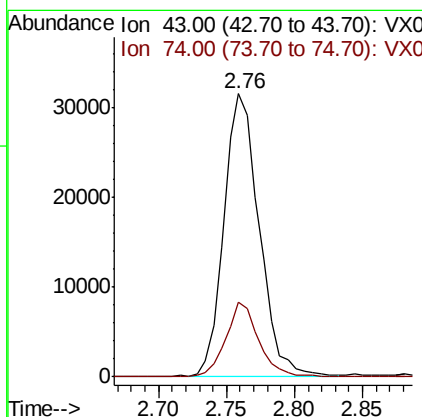
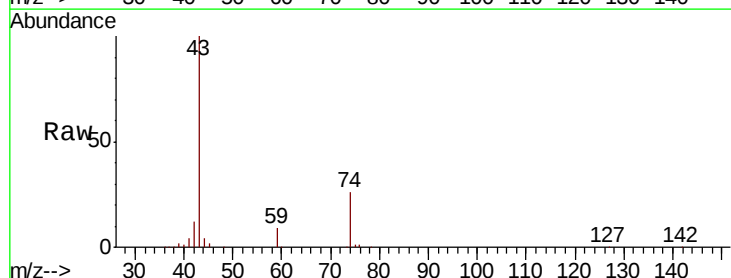
Instrument :
MSVOA_X
ClientSampled :

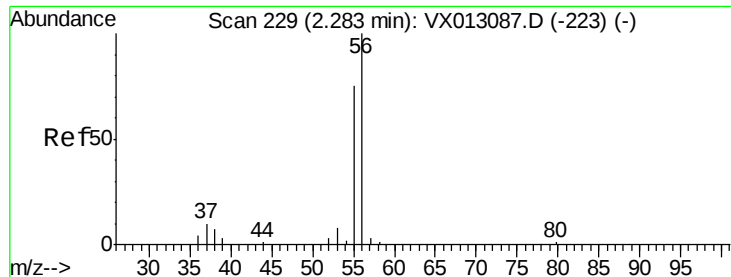
Tot Ion:142 Resp: 38953
Ion Ratio Lower Upper
142 100
127 44.7 21.4 64.2
141 15.2 7.3 21.9



#12
Methyl Acetate
Concen: 17.813 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 43 Resp: 56667
Ion Ratio Lower Upper
43 100
74 26.2 20.9 31.3





#13

Acrolein

Concen: 93.706 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

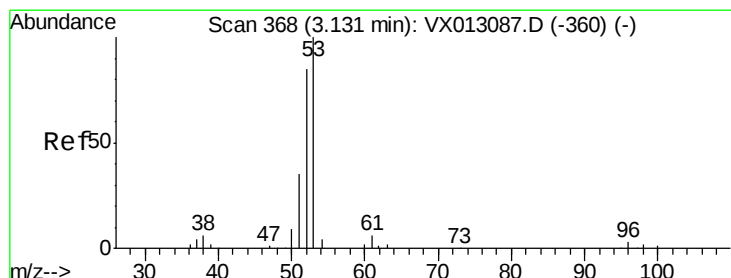
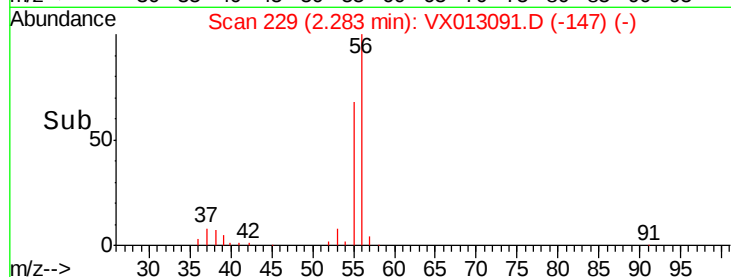
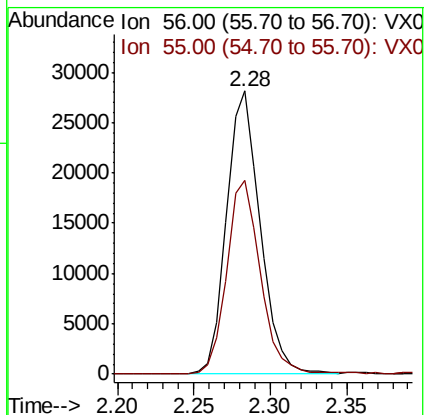
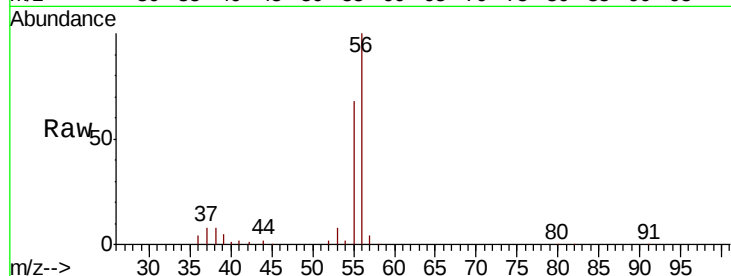
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 42896

Ion Ratio Lower Upper

56 100

55 67.5 57.8 86.8



#14

Acrylonitrile

Concen: 89.287 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

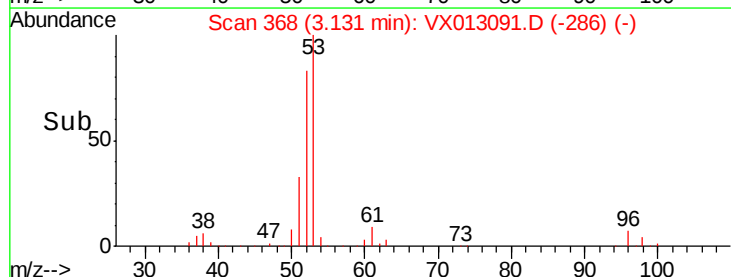
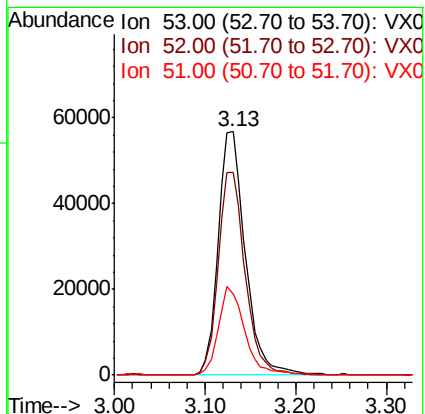
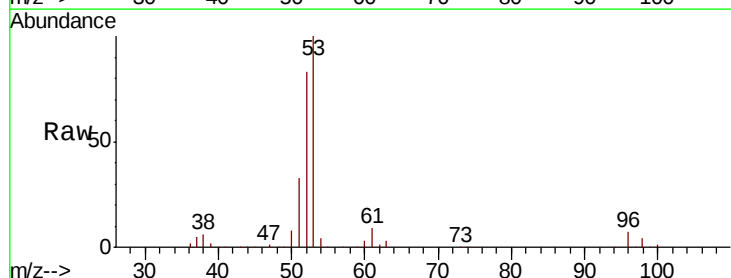
Tgt Ion: 53 Resp: 118559

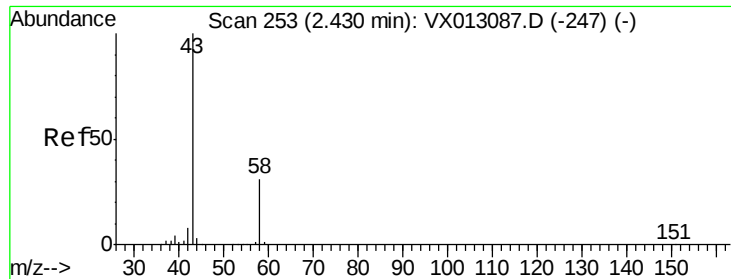
Ion Ratio Lower Upper

53 100

52 82.2 41.4 124.2

51 35.3 18.1 54.4





#15

Acetone

Concen: 83.333 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

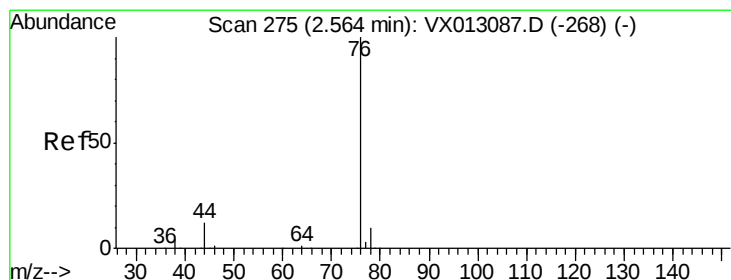
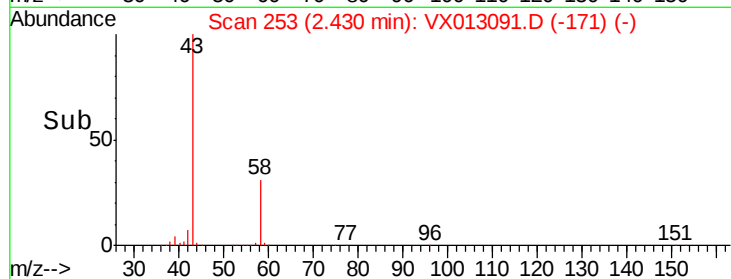
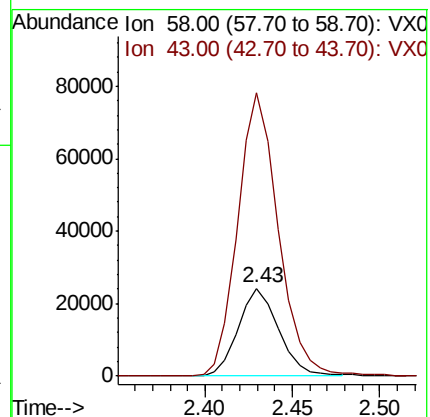
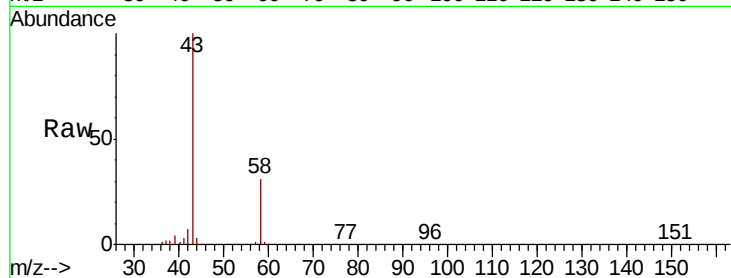
ClientSampleId :

Tot Ion: 58 Resp: 39173

Ion Ratio Lower Upper

58 100

43 321.2 259.5 389.3



#16

Carbon Disulfide

Concen: 18.536 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013091.D

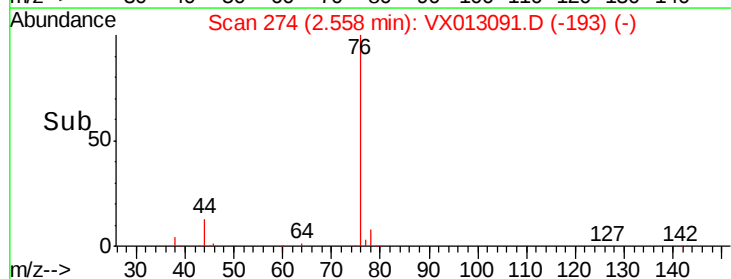
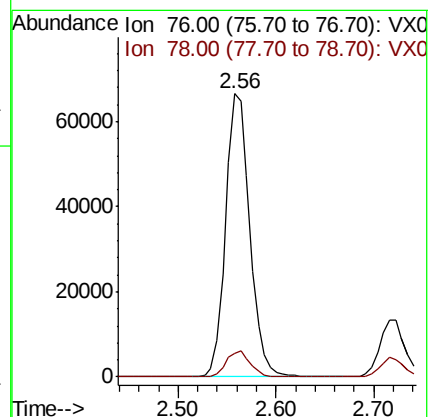
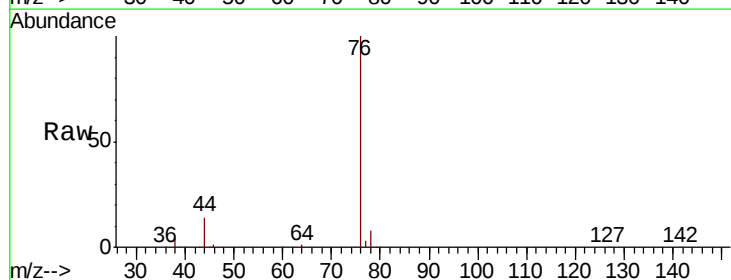
Acq: 16 Oct 2019 12:41

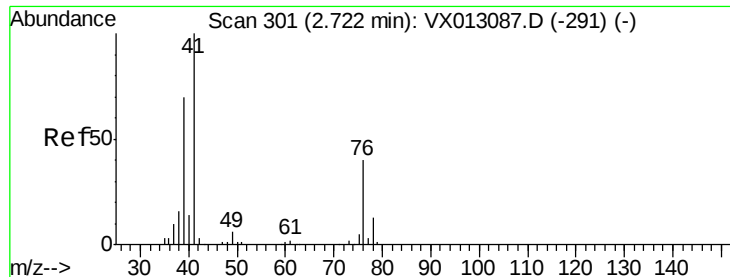
Tgt Ion: 76 Resp: 114037

Ion Ratio Lower Upper

76 100

78 8.3 7.8 11.6

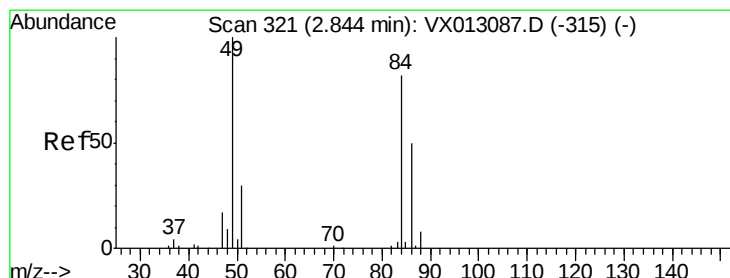
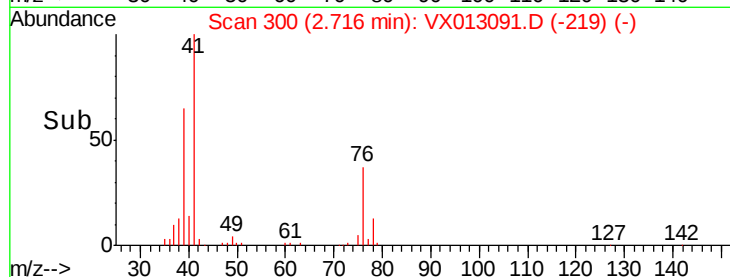
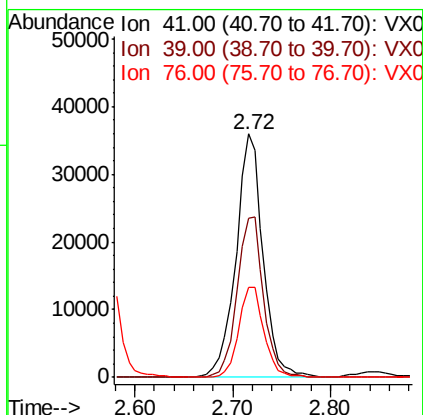
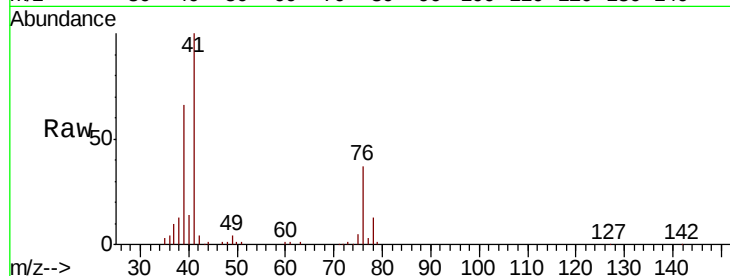




#17
Allvl chloride
Concen: 17.863 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

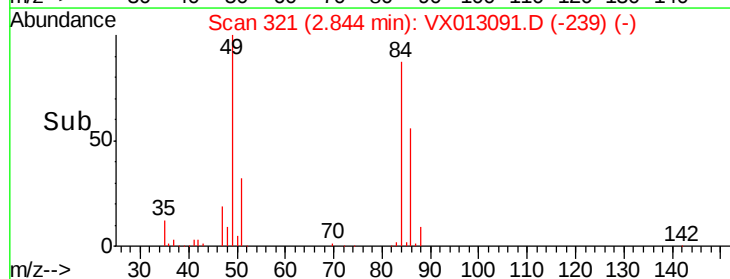
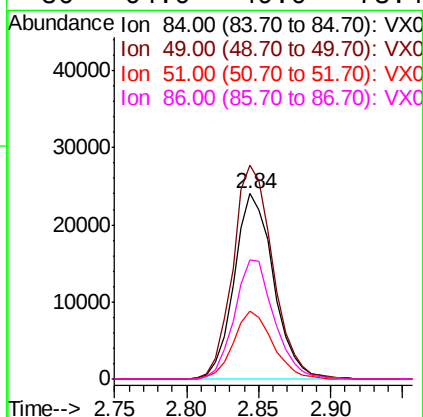
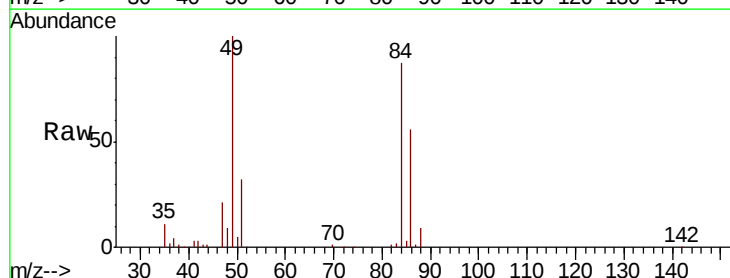
Instrument :
MSVOA_X
ClientSampleId :

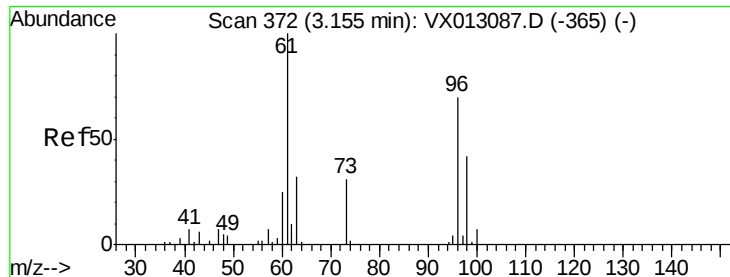
Tot Ion: 41 Resp: 68960
Ion Ratio Lower Upper
41 100
39 65.6 34.8 104.5
76 37.2 20.2 60.5



#18
Methylene Chloride
Concen: 17.737 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 84 Resp: 45906
Ion Ratio Lower Upper
84 100
49 115.3 97.8 146.6
51 36.4 29.2 43.8
86 64.0 49.0 73.4

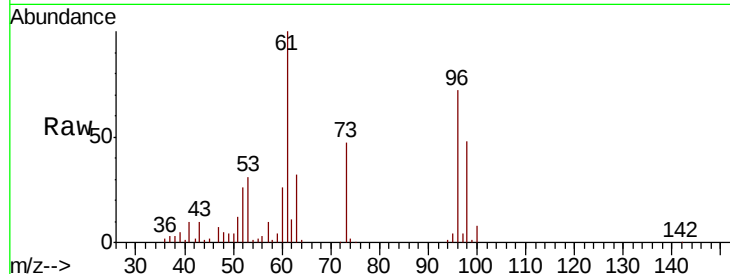




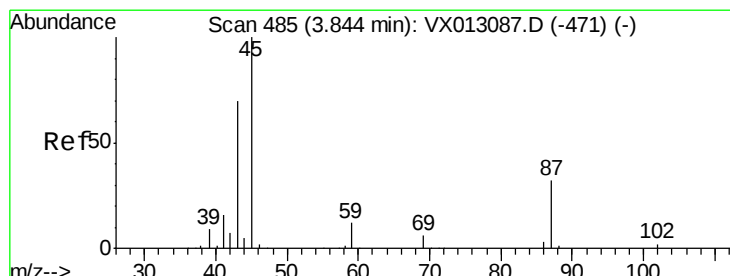
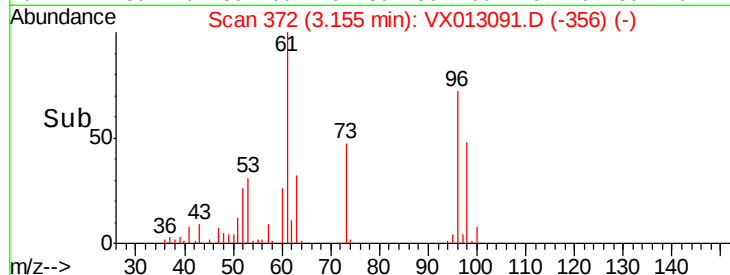
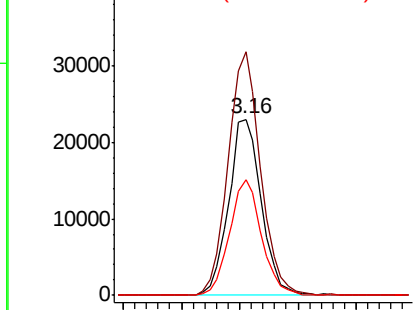
#19
trans-1,2-Dichloroethene
Concen: 18.451 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 44944
Ion Ratio Lower Upper
96 100
61 138.2 113.9 170.9
98 66.0 48.1 72.1

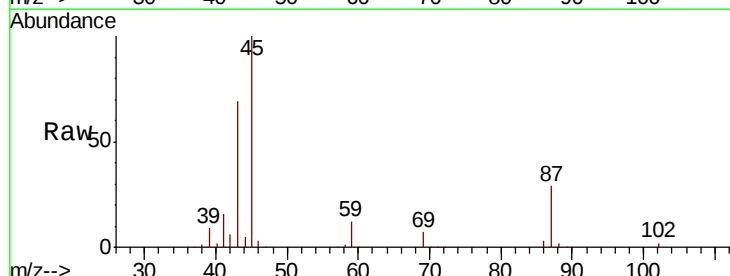


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

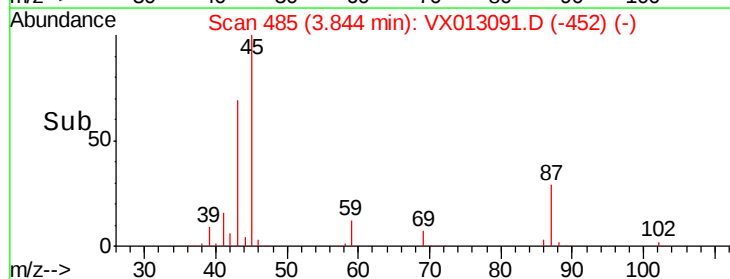
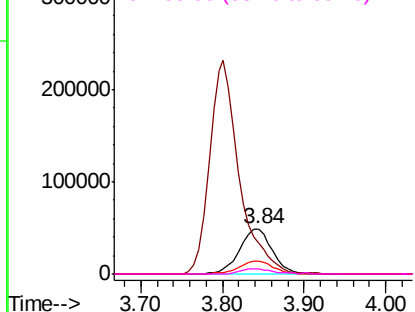


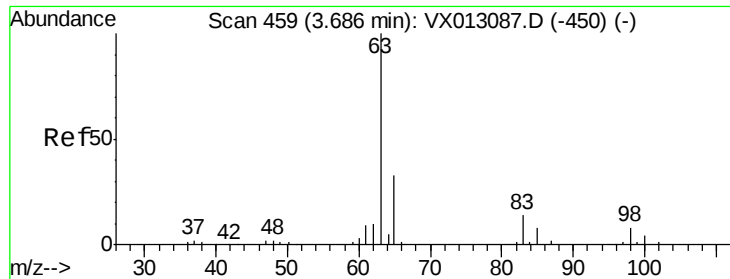
#20
Diisopropyl ether
Concen: 18.430 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 45 Resp: 136503
Ion Ratio Lower Upper
45 100
43 67.7 57.5 86.3
87 29.4 25.3 37.9
59 12.5 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.142 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

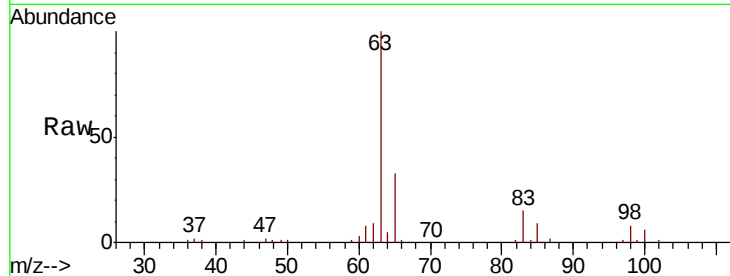
Tot Ion: 63 Resp: 77492

Ion Ratio Lower Upper

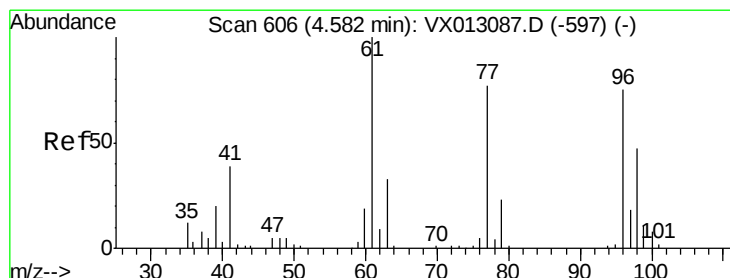
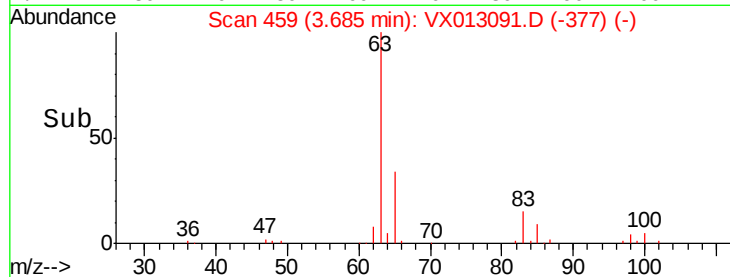
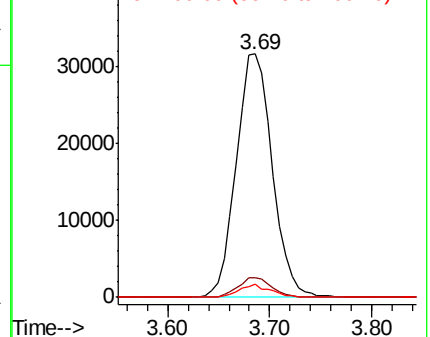
63 100

98 8.0 3.8 11.4

100 5.6 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.102 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

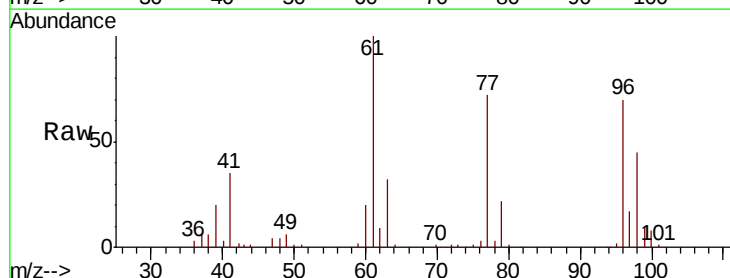
Tgt Ion: 96 Resp: 50676

Ion Ratio Lower Upper

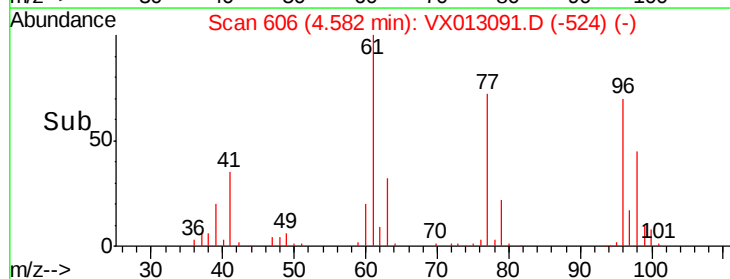
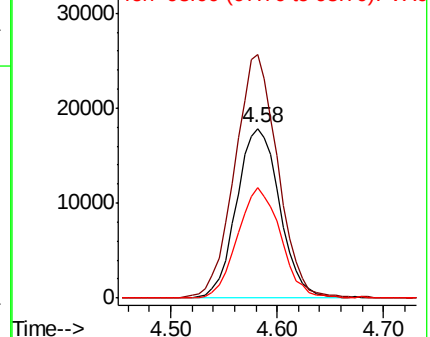
96 100

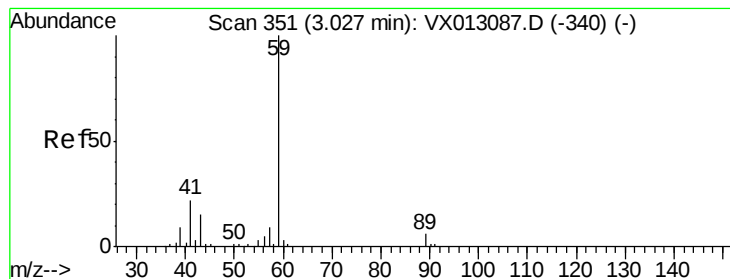
61 143.7 115.0 172.4

98 65.0 51.5 77.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



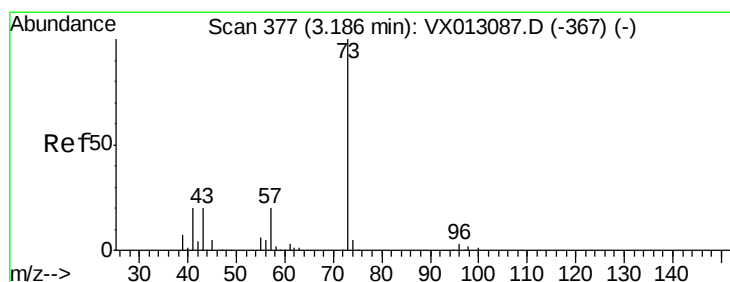
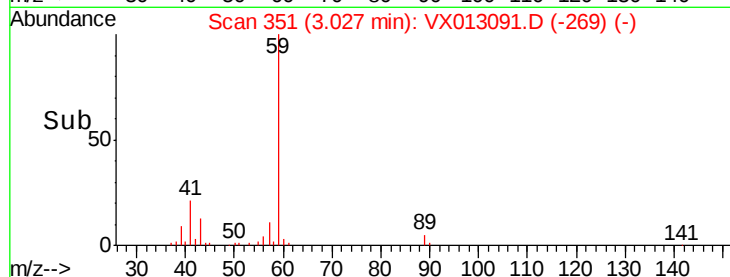
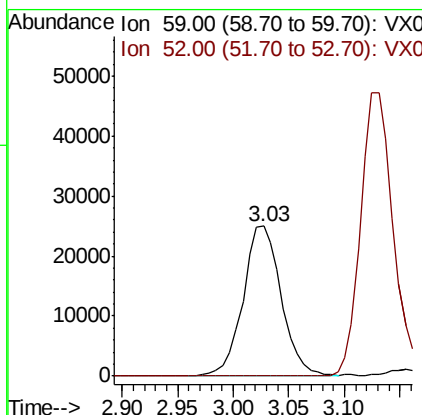
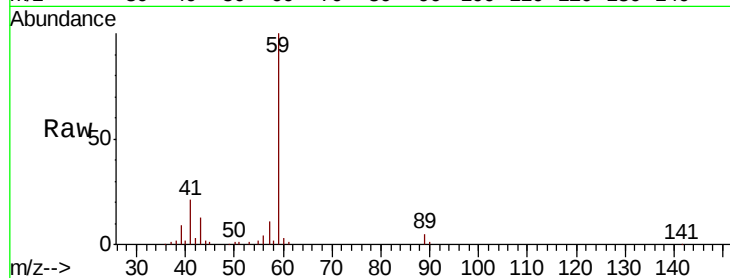


#23

tert-Butyl Alcohol
 Concen: 88.949 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleID :

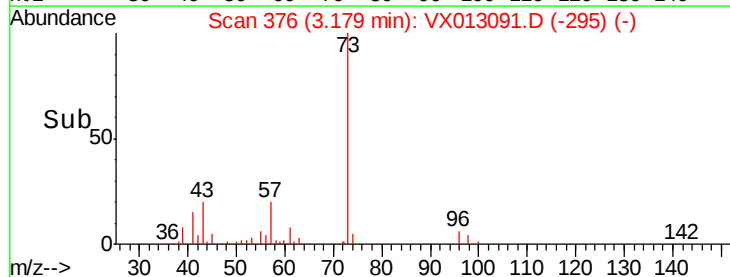
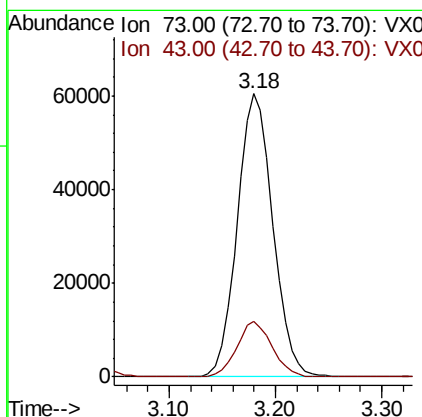
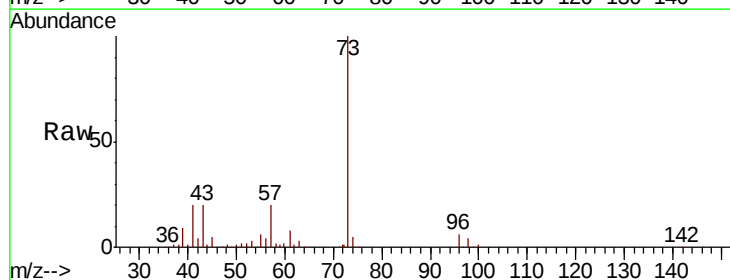
Tot Ion: 59 Resp: 59674
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

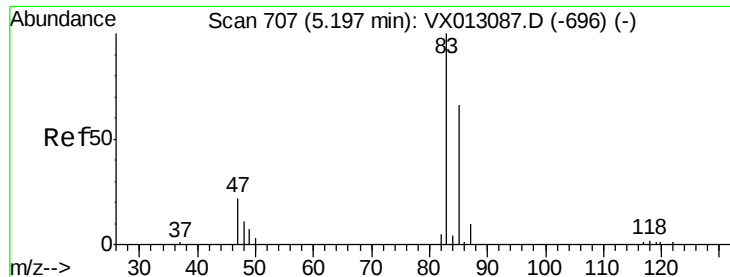


#24

Methyl tert-Butyl Ether
 Concen: 18.328 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 73 Resp: 142108
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.8 23.8

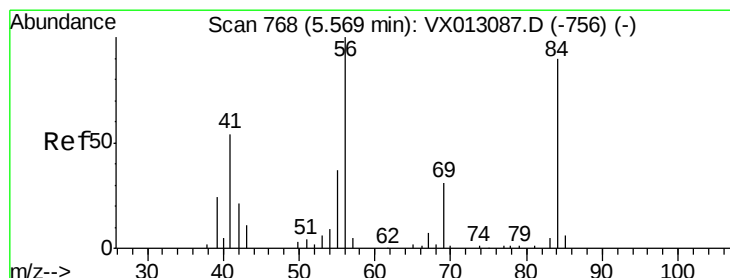
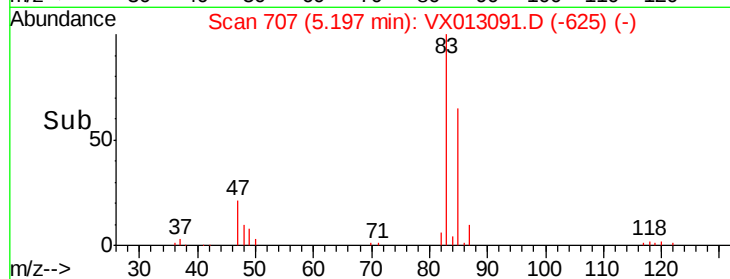
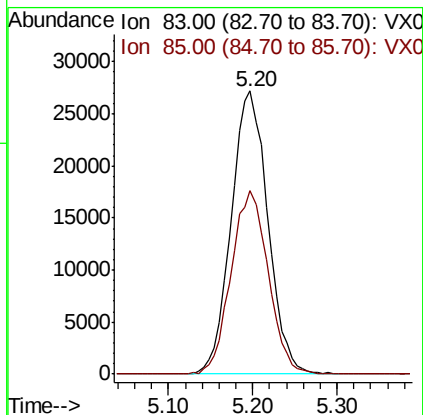
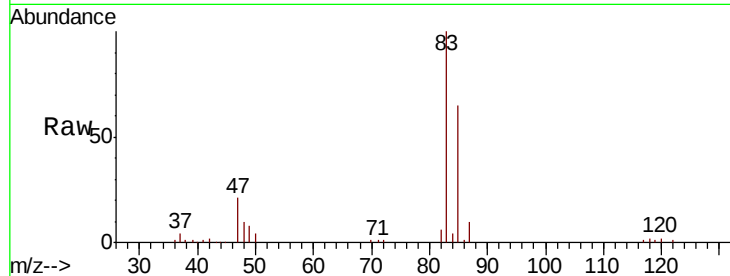




#25
Chloroform
Concen: 18.116 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

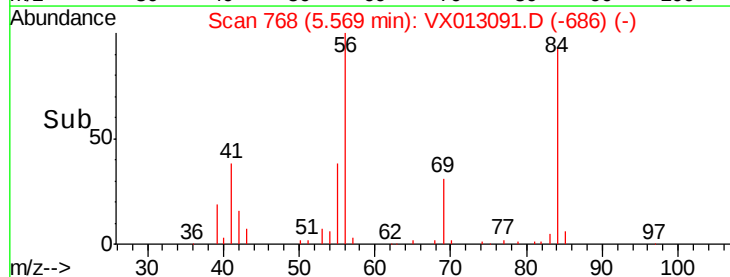
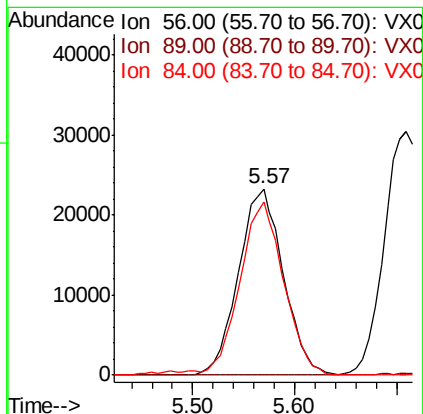
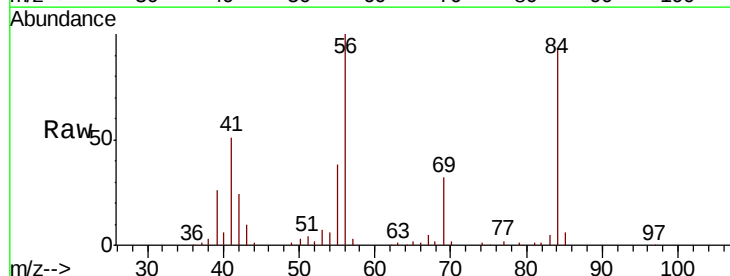
Instrument :
MSVOA_X
ClientSampleId :

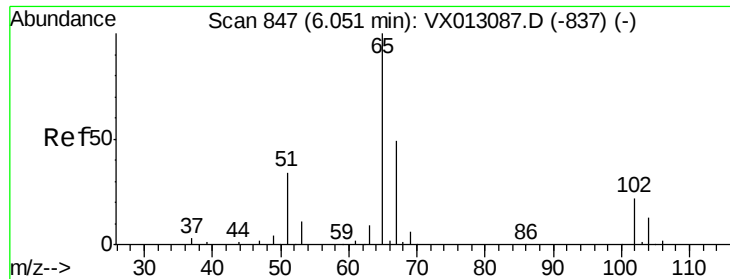
Tot Ion: 83 Resp: 80014
Ion Ratio Lower Upper
83 100
85 64.9 53.0 79.6



#26
Cyclohexane
Concen: 18.314 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 56 Resp: 71082
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.816 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

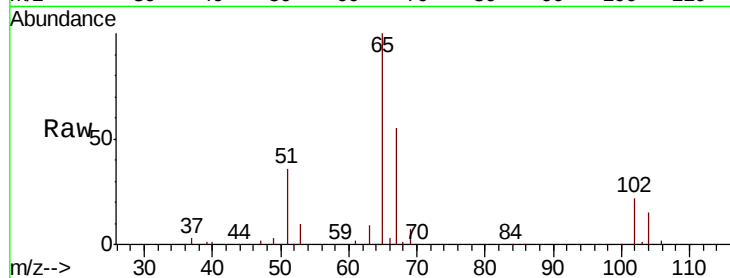
ClientSampleId :

Tot Ion: 65 Resp: 86475

Ion Ratio Lower Upper

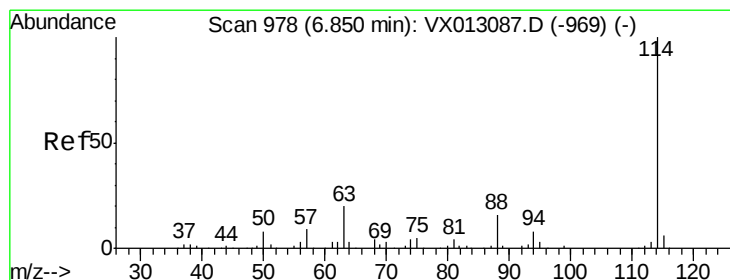
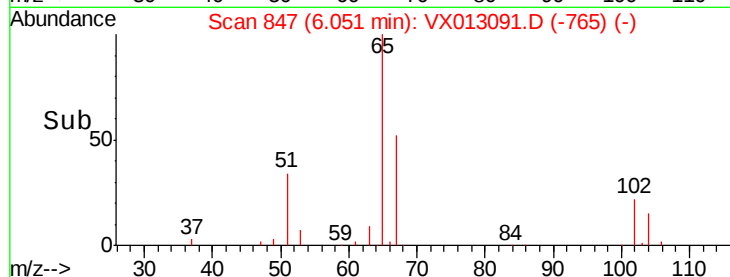
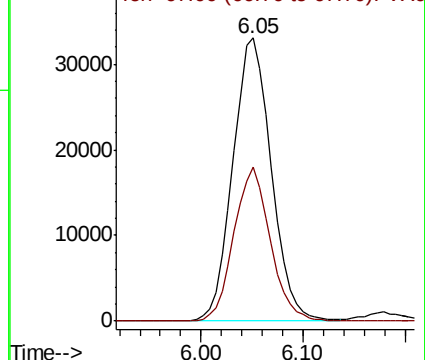
65 100

67 51.5 41.2 61.8



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

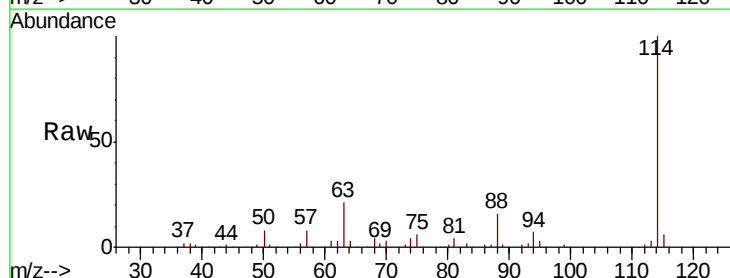
Tgt Ion: 114 Resp: 213282

Ion Ratio Lower Upper

114 100

63 20.3 16.5 24.7

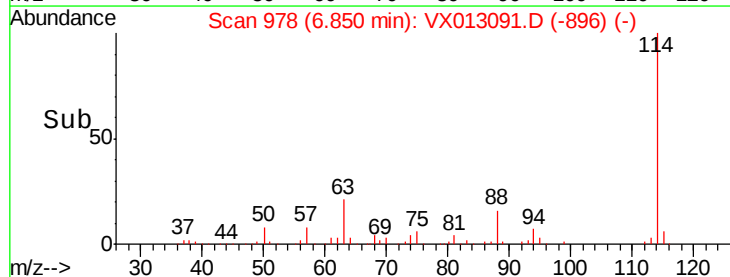
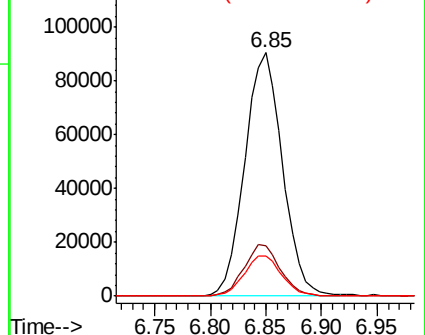
88 16.5 13.6 20.4

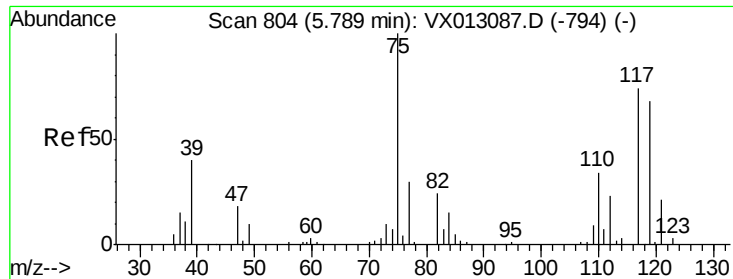


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.493 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

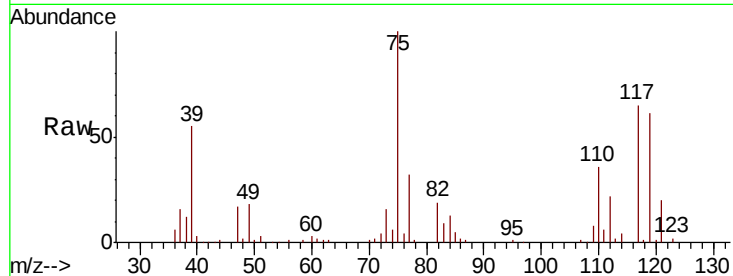
Tot Ion: 75 Resp: 60163

Ion Ratio Lower Upper

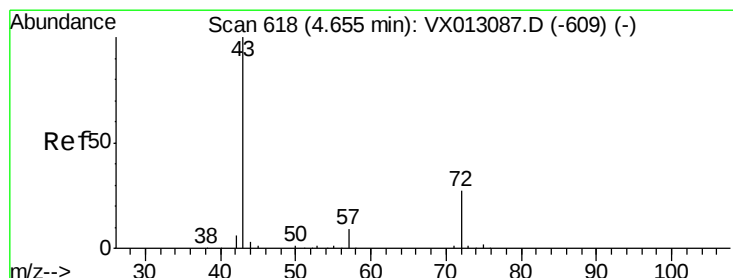
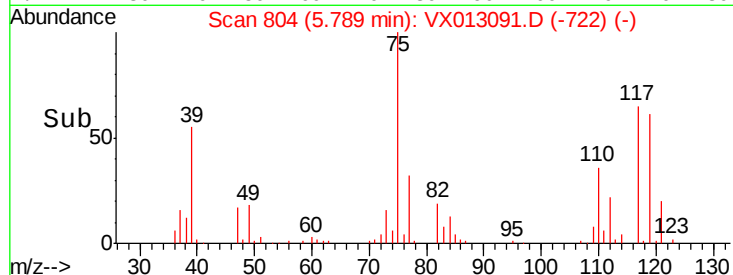
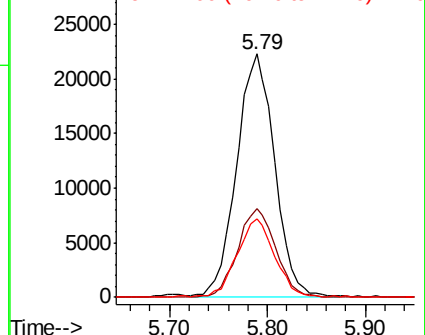
75 100

110 36.4 0.0 72.2

77 31.9 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 89.616 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

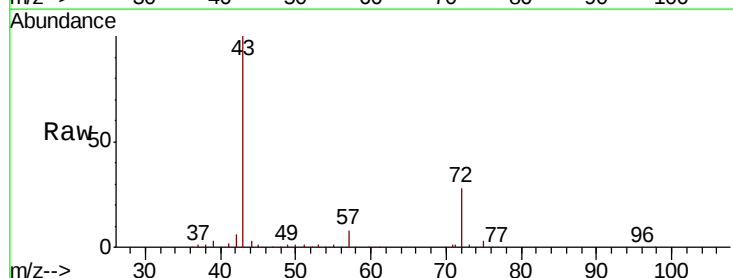
Tgt Ion: 43 Resp: 171726

Ion Ratio Lower Upper

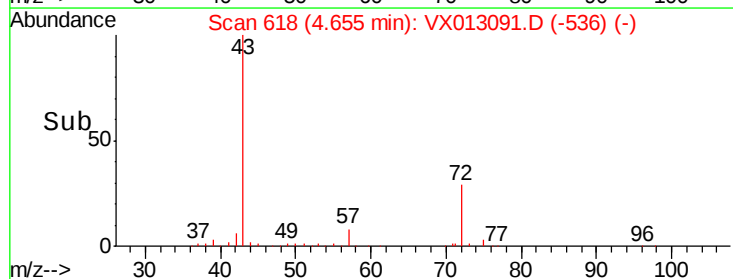
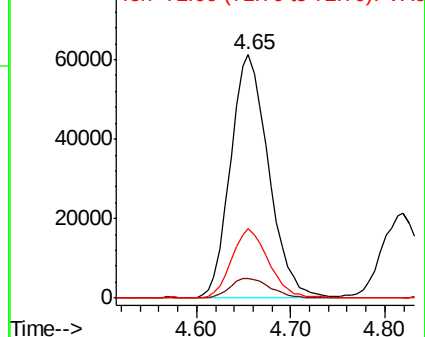
43 100

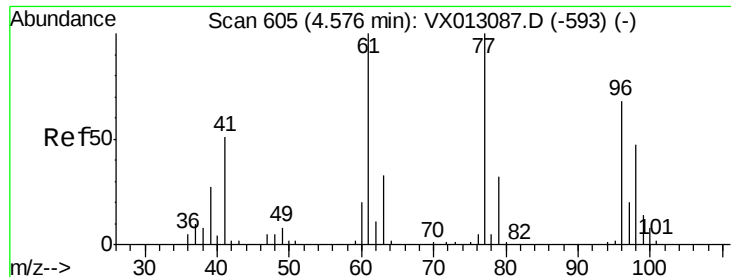
57 8.5 6.9 10.3

72 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

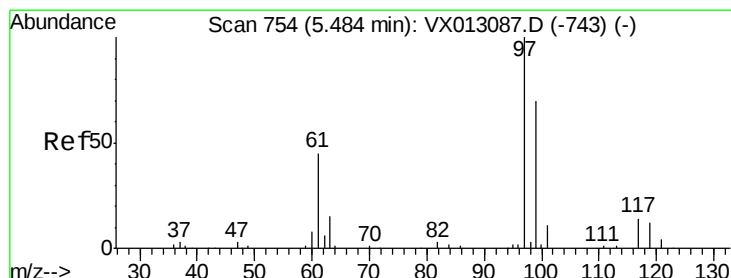
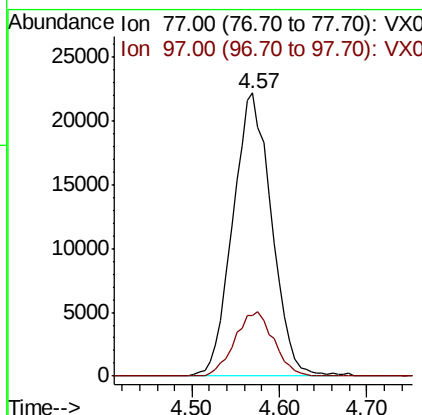
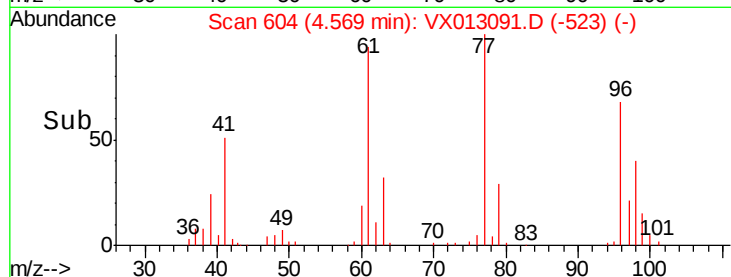
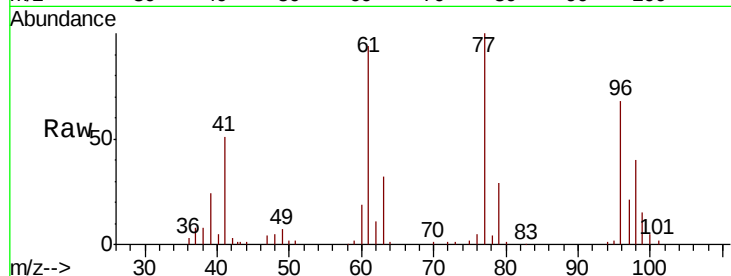




#31
 2,2-Dichloropropane
 Concen: 18.535 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

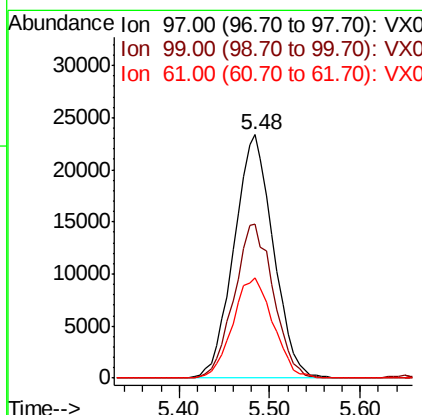
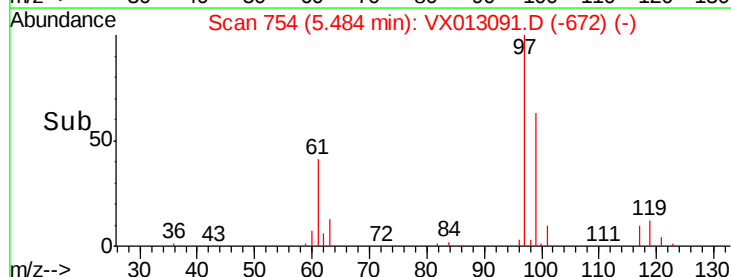
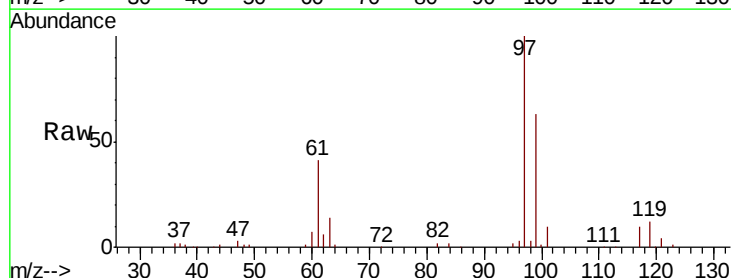
Instrument :
 MSVOA_X
 ClientSampled :

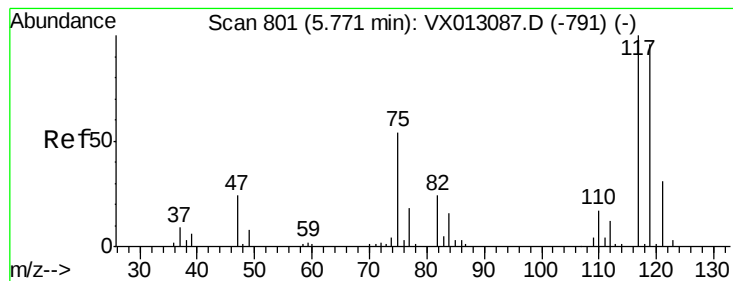
Tot Ion: 77 Resp: 68215
 Ion Ratio Lower Upper
 77 100
 97 23.0 17.8 26.6



#32
 1,1,1-Trichloroethane
 Concen: 18.410 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 97 Resp: 70064
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.4 78.6
 61 42.4 35.1 52.7





#33

Carbon Tetrachloride

Concen: 18.118 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampled :

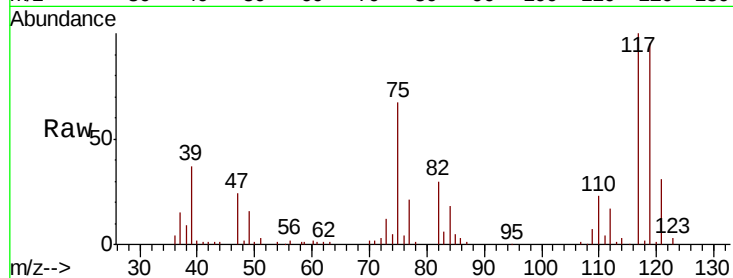
Tot Ion:117 Resp: 59156

Ion Ratio Lower Upper

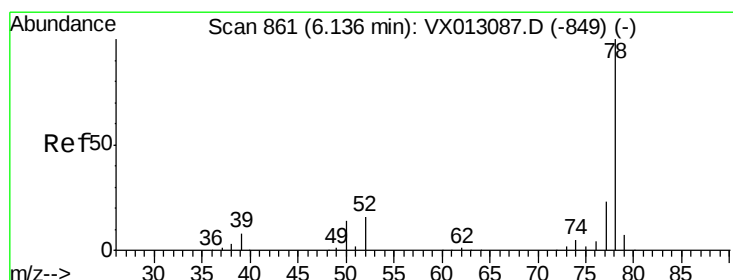
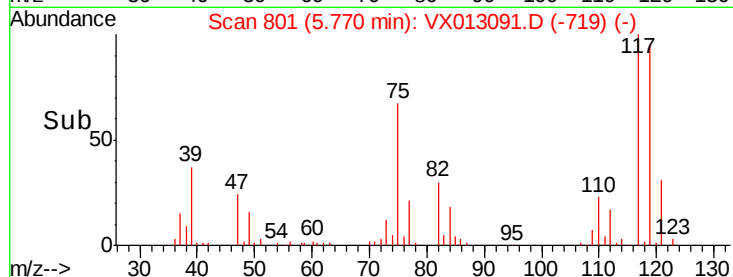
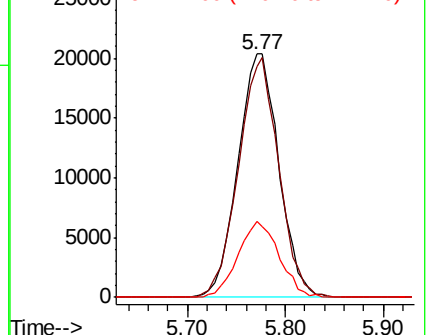
117 100

119 94.9 77.0 115.4

121 31.2 24.6 36.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.365 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

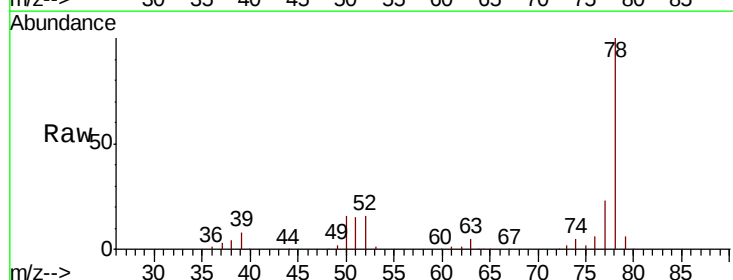
Tgt Ion: 78 Resp: 177376

Ion Ratio Lower Upper

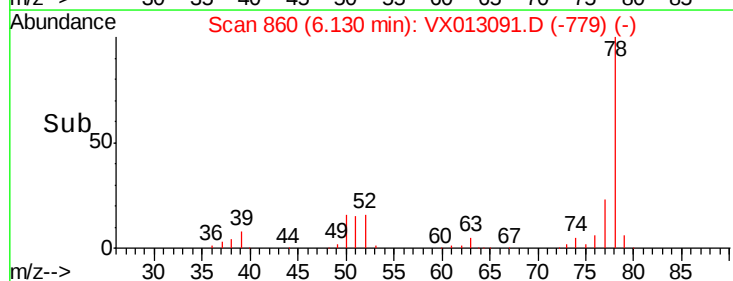
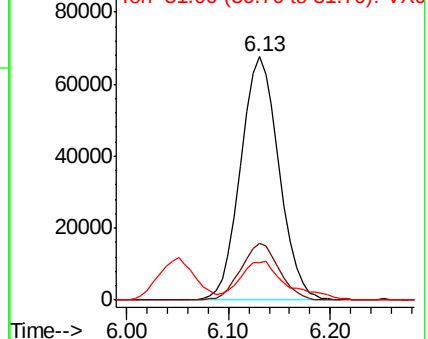
78 100

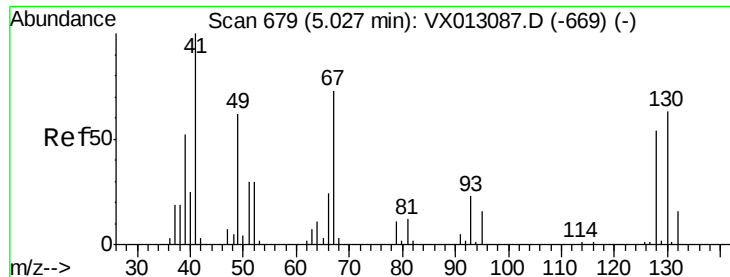
77 23.2 18.5 27.7

51 14.3 12.1 18.1



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

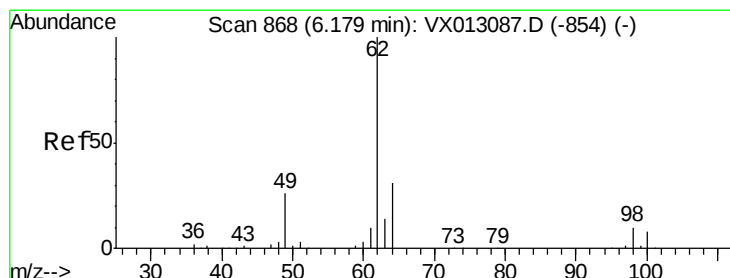
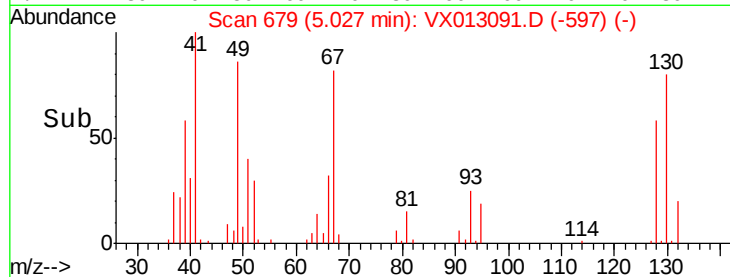
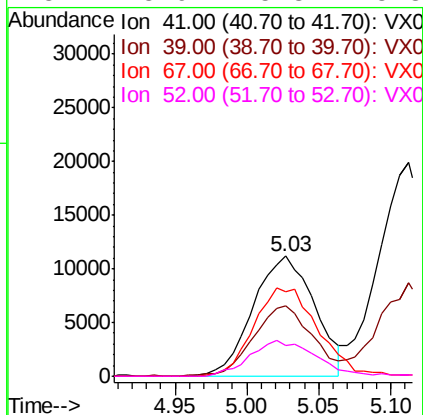
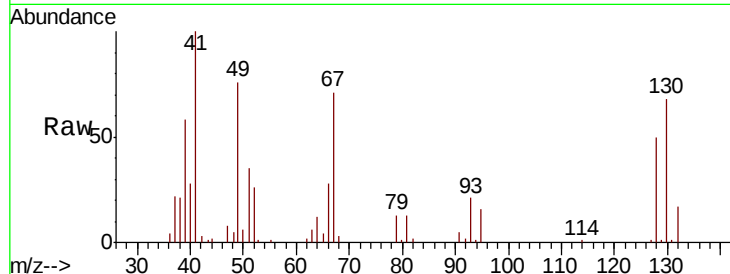




#35
Methacrylonitrile
Concen: 17.704 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

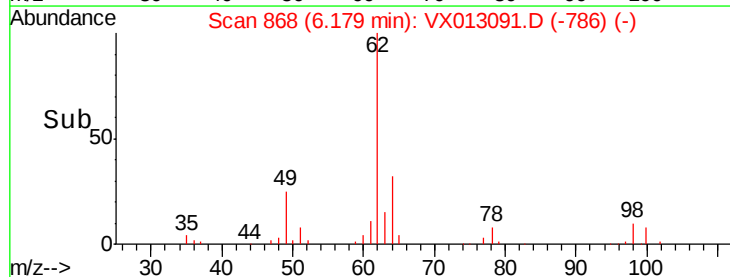
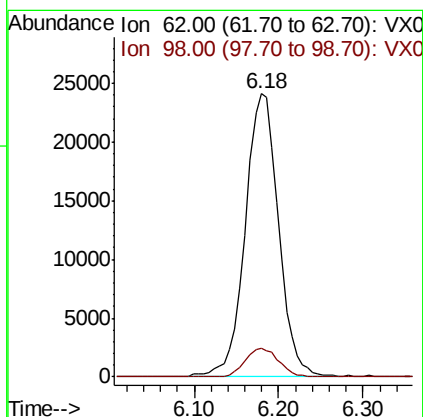
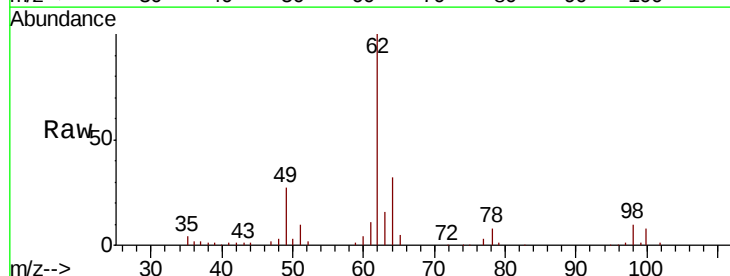
Instrument :
MSVOA_X
ClientSampleId :

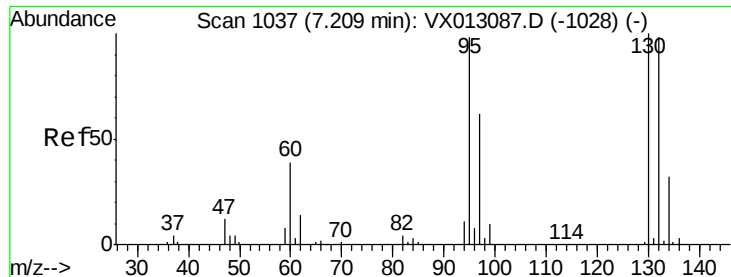
Tot Ion: 41 Resp: 33269
Ion Ratio Lower Upper
41 100
39 57.6 26.3 78.8
67 70.6 36.5 109.5
52 25.9 15.3 45.8



#36
1,2-Dichloroethane
Concen: 18.520 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 62 Resp: 64671
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.6

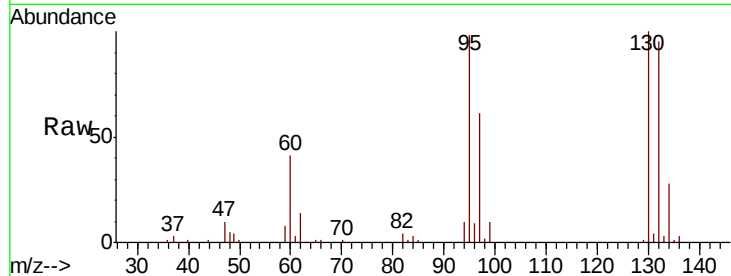




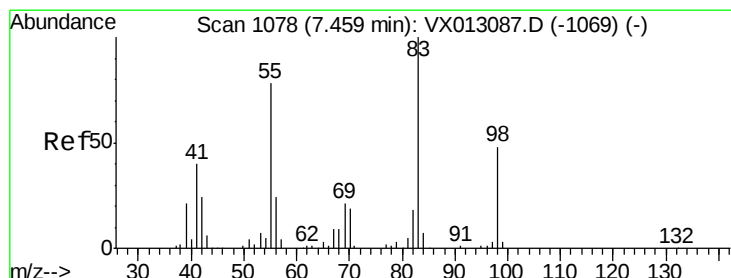
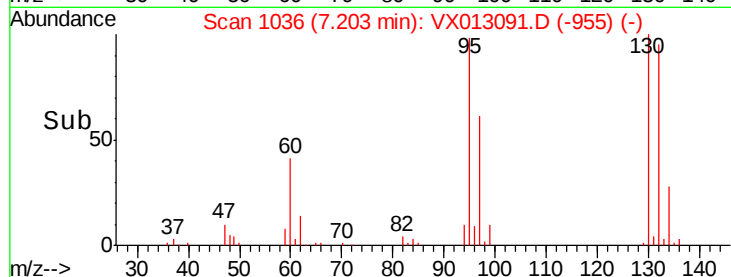
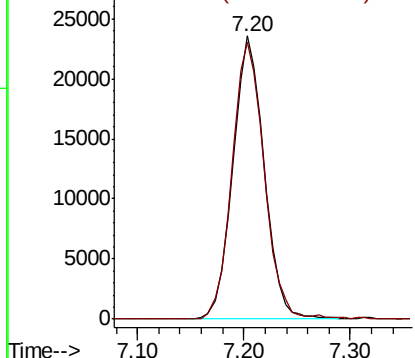
#37
 Trichloroethene
 Concen: 18.811 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 48536
 Ion Ratio Lower Upper
 130 100
 95 97.9 78.4 117.6

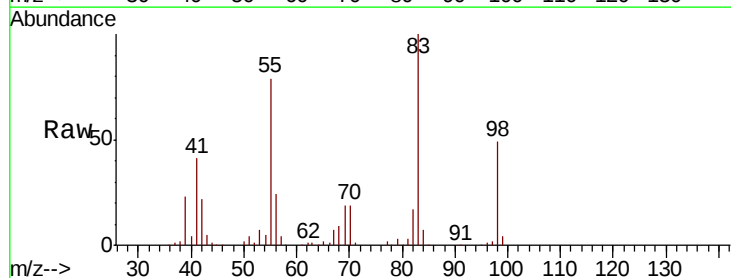


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

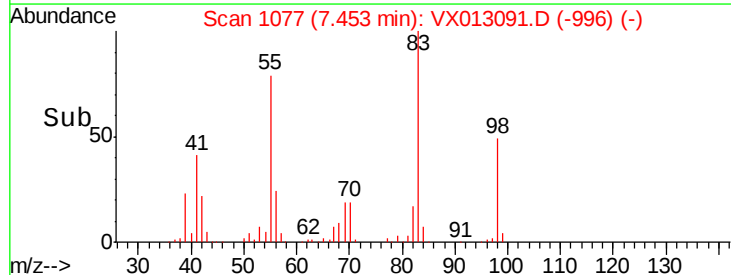
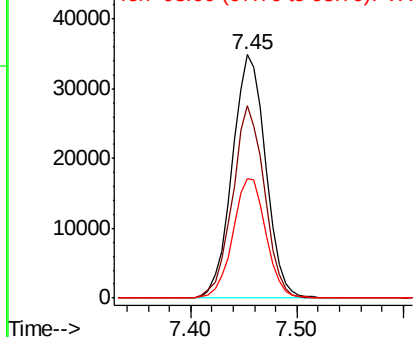


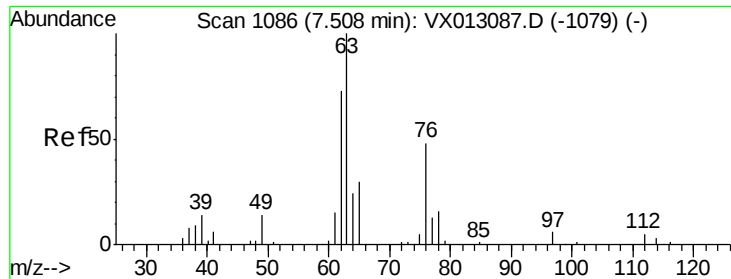
#38
 Methylcyclohexane
 Concen: 19.308 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 83 Resp: 76879
 Ion Ratio Lower Upper
 83 100
 55 75.5 38.3 114.8
 98 48.7 24.9 74.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

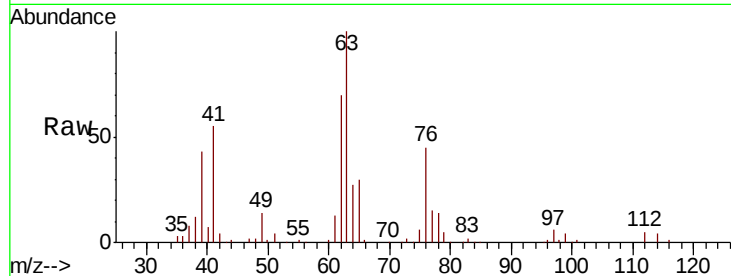




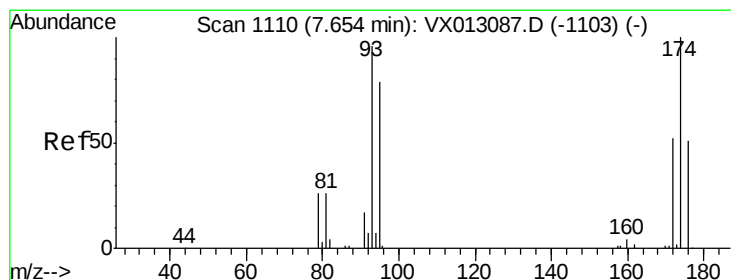
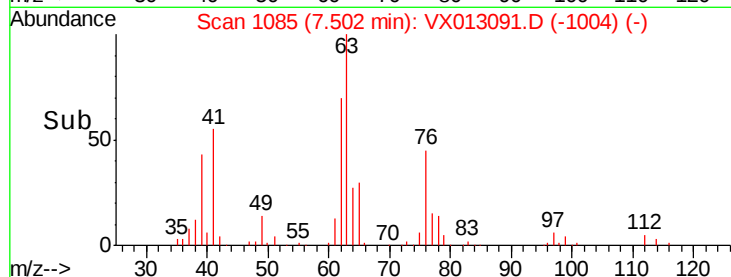
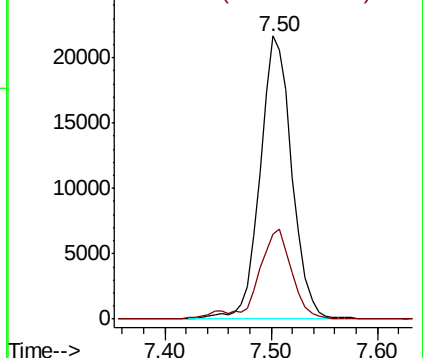
#39
 1,2-Dichloropropane
 Concen: 18.589 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 45088
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.6 38.4

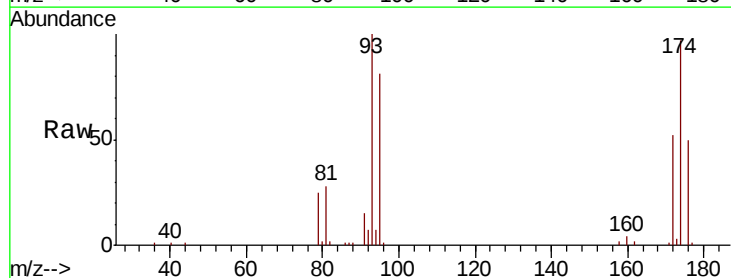


Abundance Ion 63.00 (62.70 to 63.70): VX0
 Ion 65.00 (64.70 to 65.70): VX0

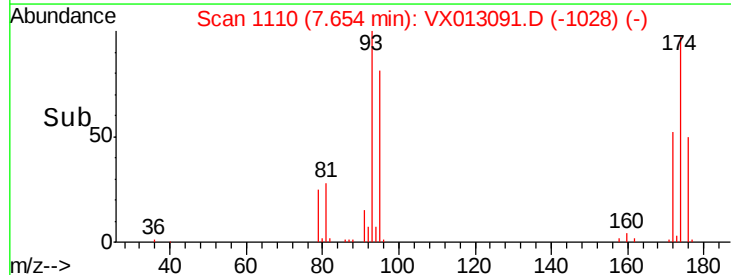
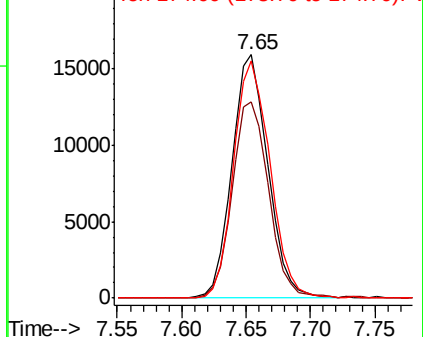


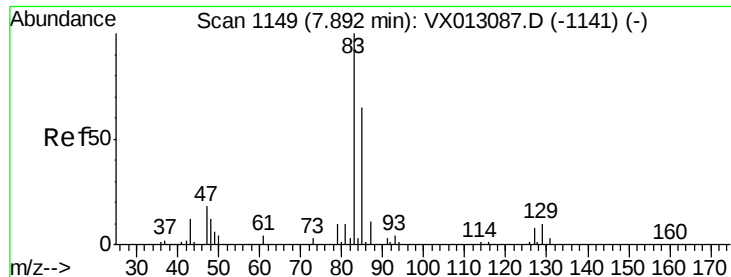
#40
 Dibromomethane
 Concen: 18.787 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 93 Resp: 30945
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 171.2
 174 98.6 0.0 208.2



Abundance Ion 93.00 (92.70 to 93.70): VX0
 Ion 95.00 (94.70 to 95.70): VX0
 Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.362 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

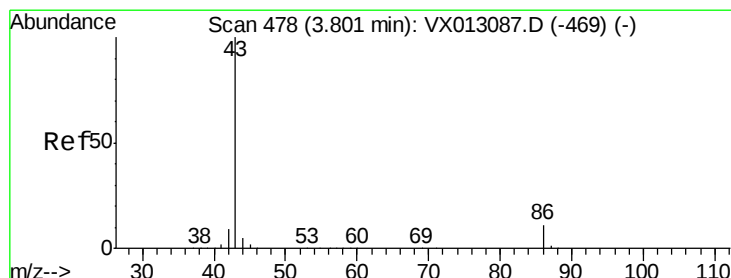
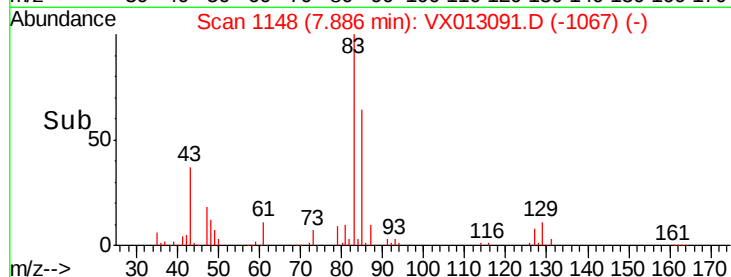
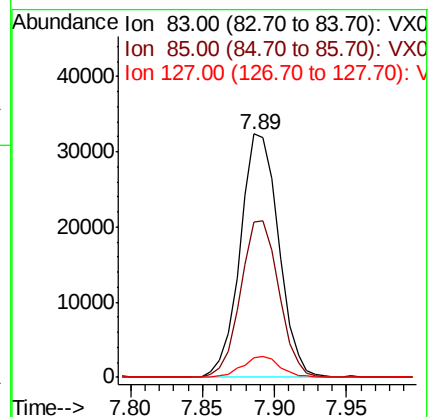
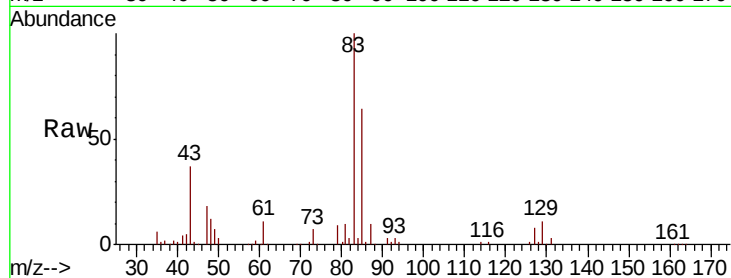
Tot Ion: 83 Resp: 60053

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.8

127 7.9 6.7 10.1



#42

Vinyl Acetate

Concen: 93.961 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013091.D

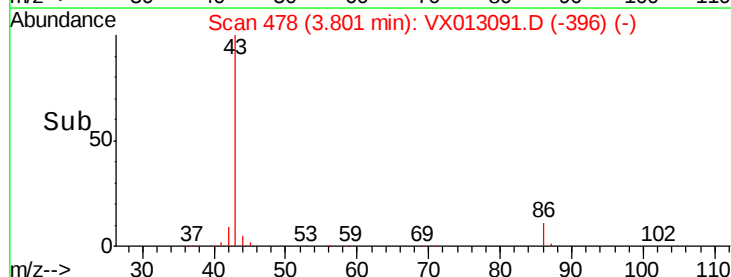
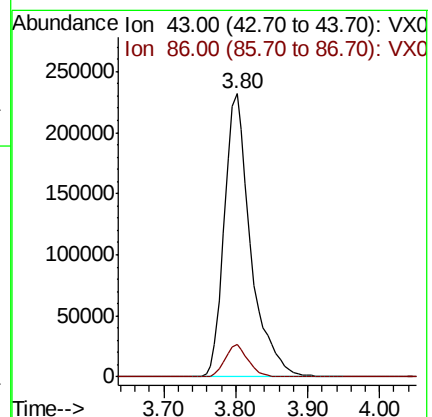
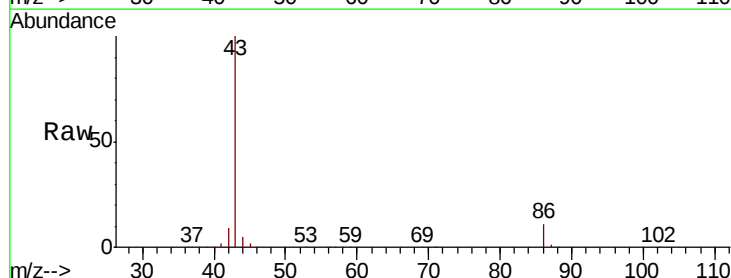
Acq: 16 Oct 2019 12:41

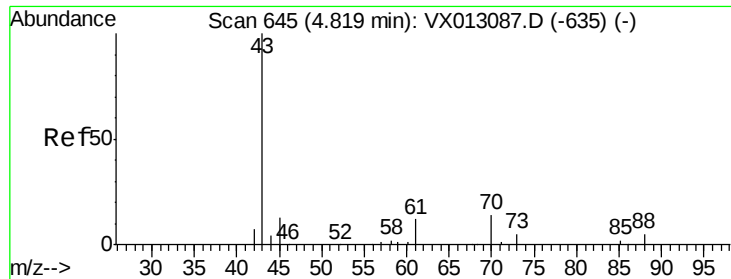
Tgt Ion: 43 Resp: 589626

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2

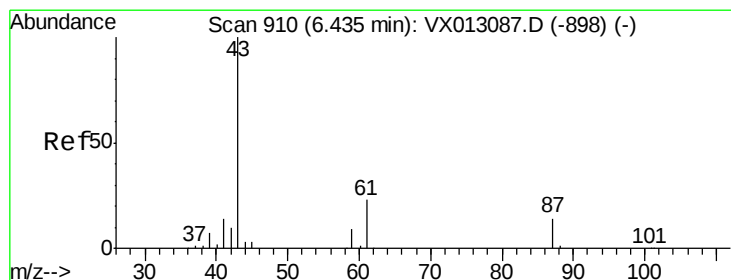
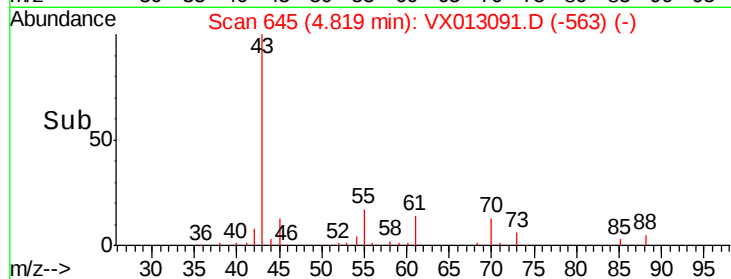
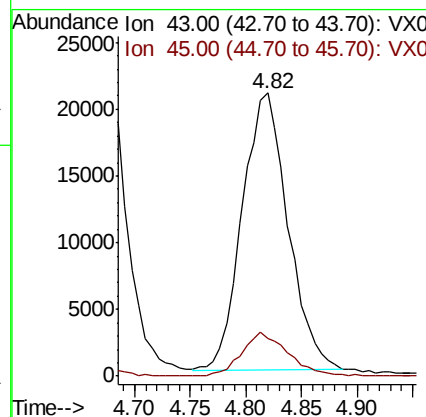
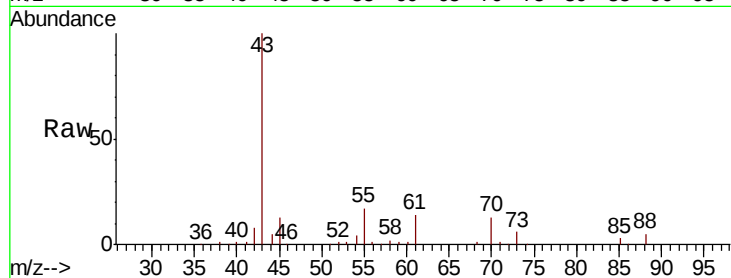




#43
Ethyl Acetate
Concen: 17.271 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

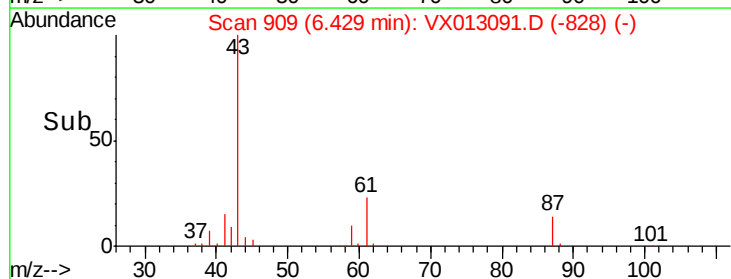
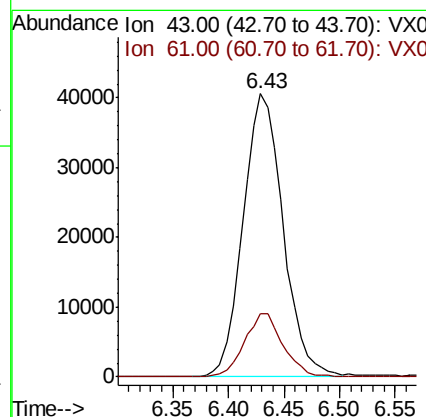
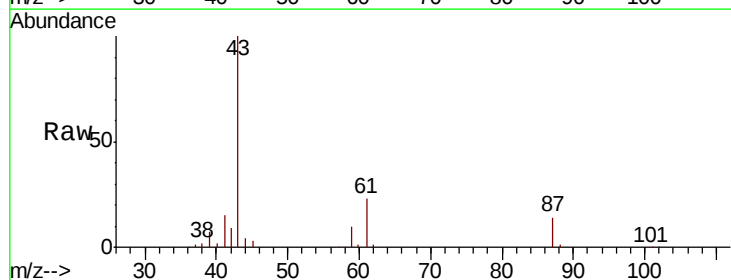
Instrument :
MSVOA_X
ClientSampled :

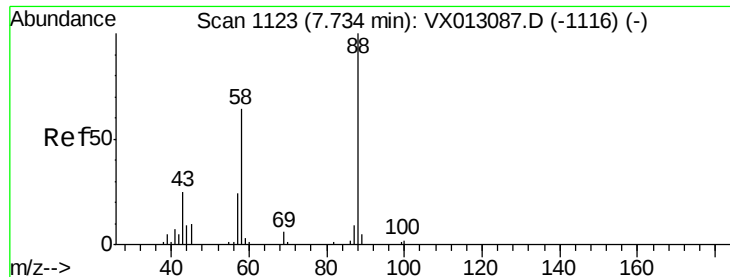
Tot Ion: 43 Resp: 59562
Ion Ratio Lower Upper
43 100
45 15.8 12.8 19.2



#44
Isopropyl Acetate
Concen: 18.166 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 43 Resp: 101026
Ion Ratio Lower Upper
43 100
61 21.8 16.7 25.1





#45

1,4-Dioxane

Concen: 356.361 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

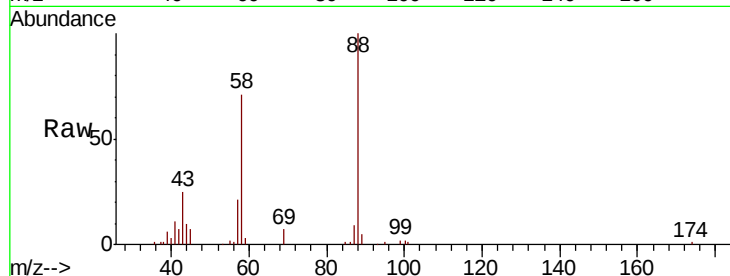
Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 24357

Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.0	39.0
58	71.6	53.0	79.4

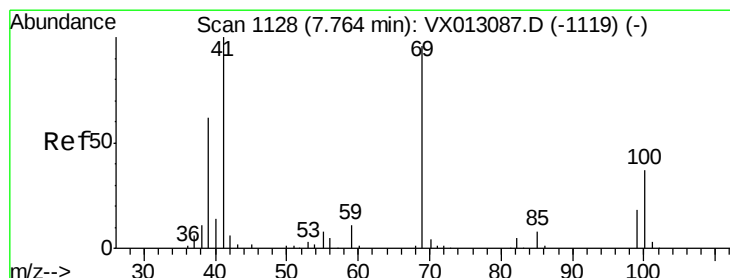
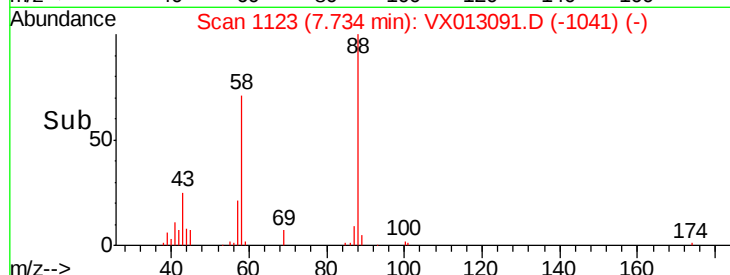
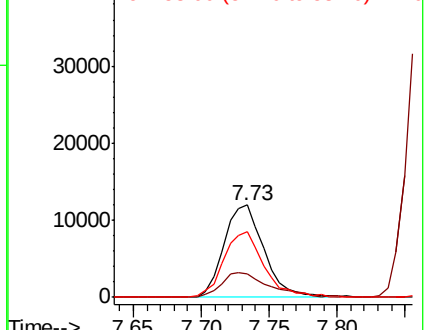


Abundance

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



#46

Methyl methacrylate

Concen: 18.122 ug/l

RT: 7.76 min Scan# 1127

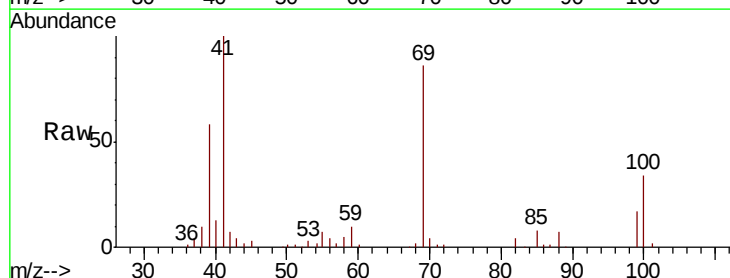
Delta R.T. -0.01 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion: 41 Resp: 49256

Ion	Ratio	Lower	Upper
41	100		
69	85.8	48.1	144.3
39	58.5	31.2	93.6

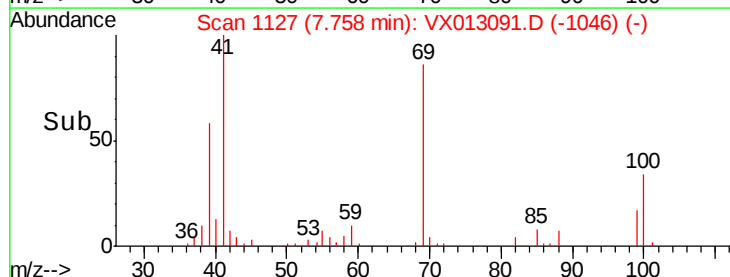
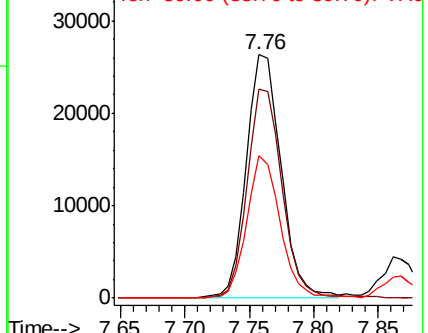


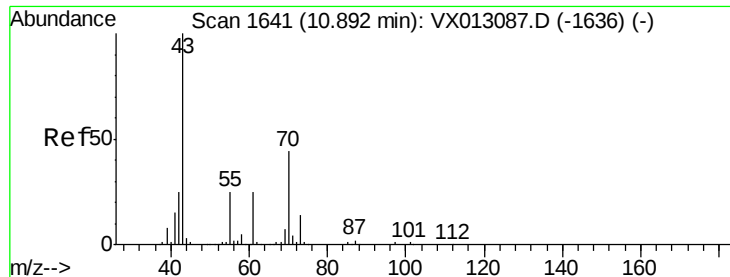
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.086 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

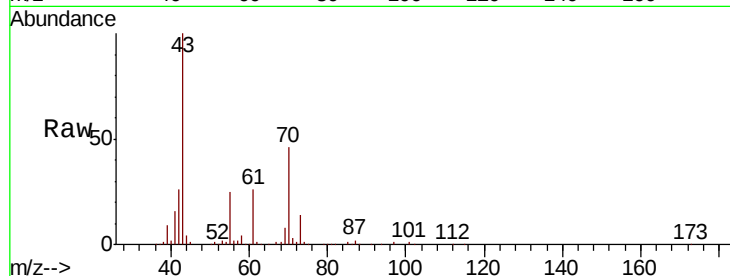
ClientSampleId :

Tot Ion: 43 Resp: 85640

Ion Ratio Lower Upper

43 100

55 24.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

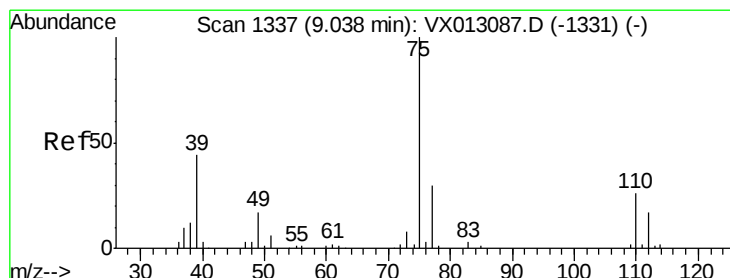
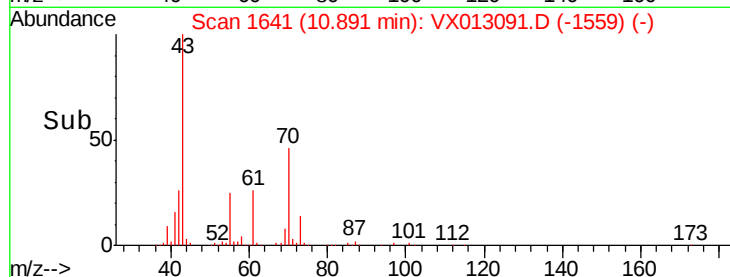
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.580 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013091.D

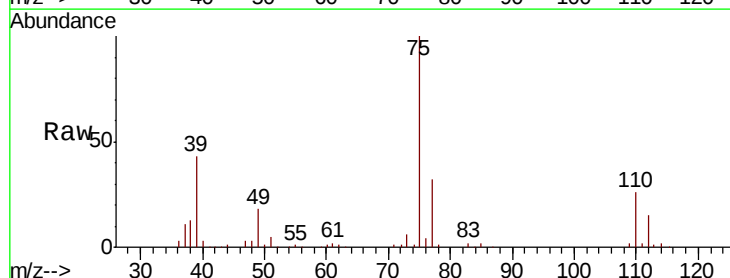
Acq: 16 Oct 2019 12:41

Tgt Ion: 75 Resp: 67252

Ion Ratio Lower Upper

75 100

77 31.6 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

50000

40000

30000

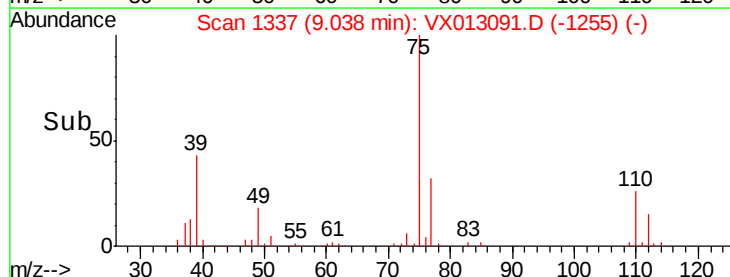
20000

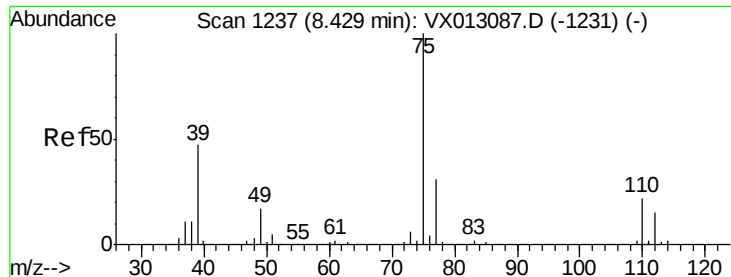
10000

0

9.00 9.05 9.10

Time-->



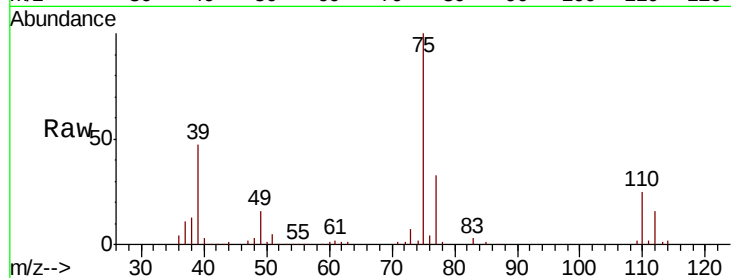


#49

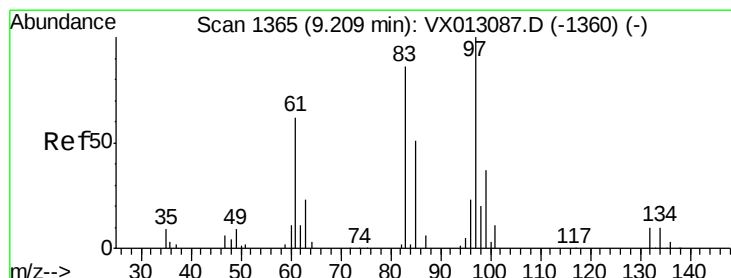
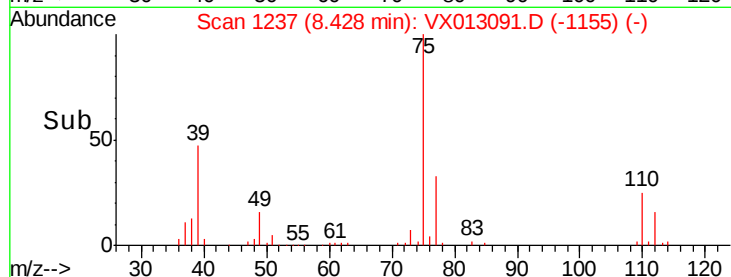
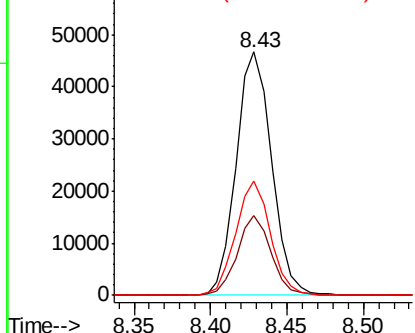
cis-1,3-Dichloropropene
 Concen: 18.866 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 75332
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.7 37.1
 39 47.2 37.4 56.0



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

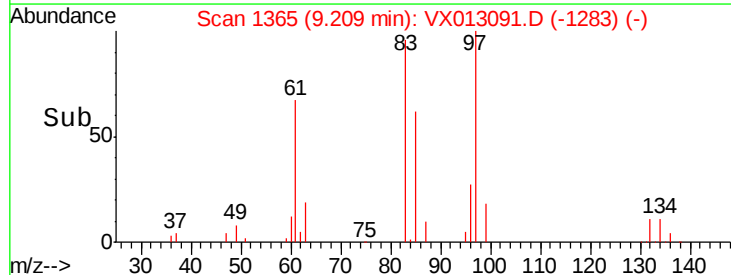
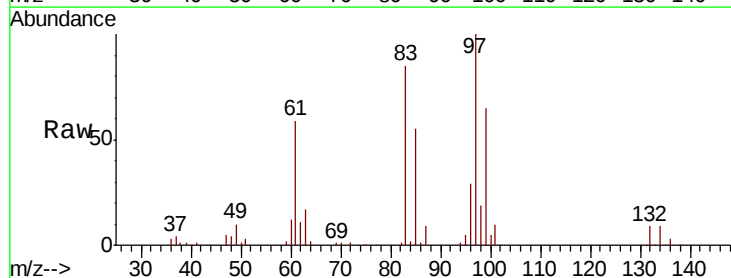
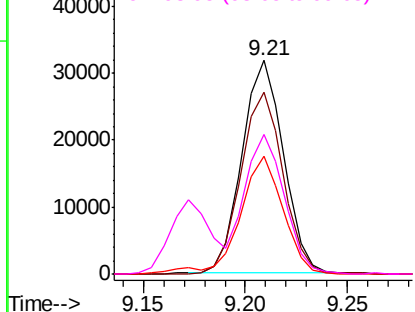


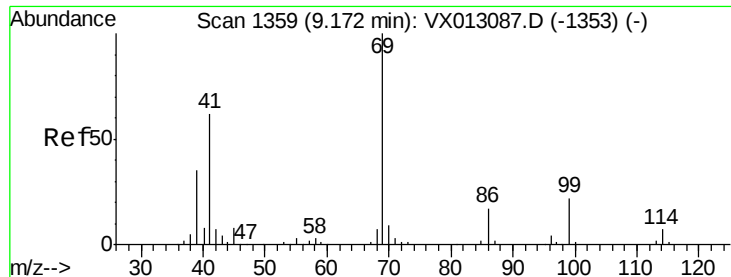
#50

1,1,2-Trichloroethane
 Concen: 17.943 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 97 Resp: 44603
 Ion Ratio Lower Upper
 97 100
 83 85.6 68.1 102.1
 85 55.3 42.6 64.0
 99 65.6 49.8 74.8

Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.389 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

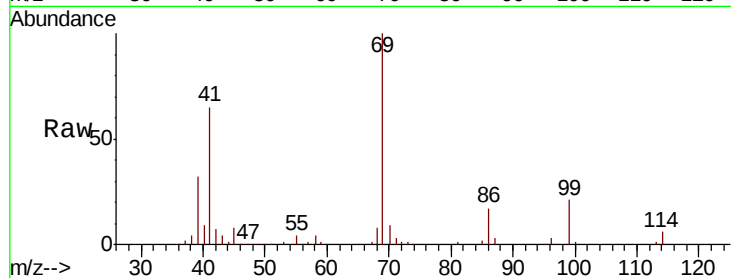
Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 71895

Ion	Ratio	Lower	Upper
69	100		
41	64.3	31.1	93.3
39	31.5	17.6	52.9

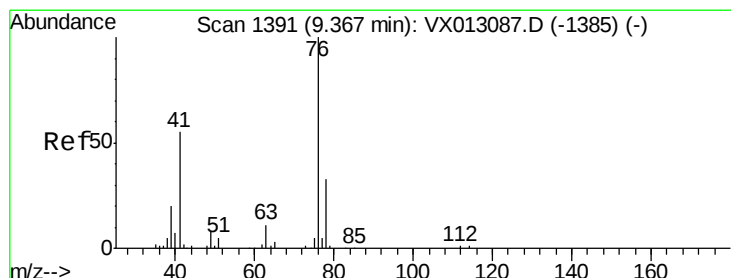
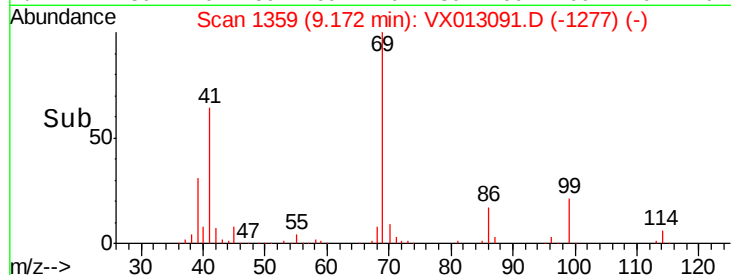
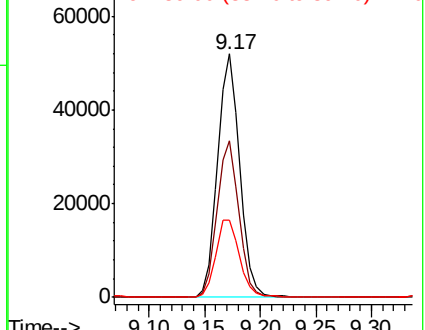


Abundance

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



#52

1,3-Dichloropropane

Concen: 18.223 ug/l

RT: 9.36 min Scan# 1390

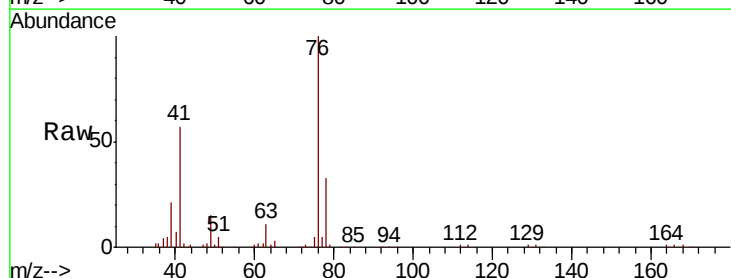
Delta R.T. -0.01 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion: 76 Resp: 76026

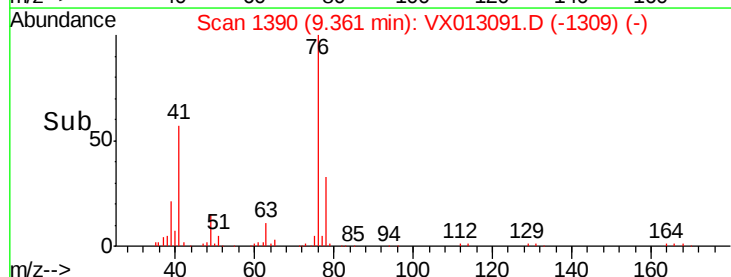
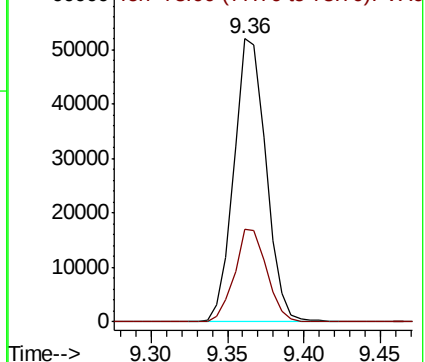
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	64.2

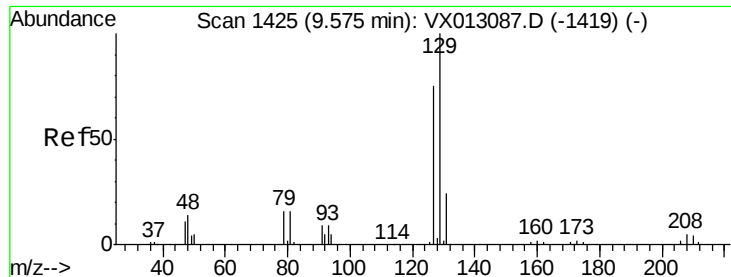


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

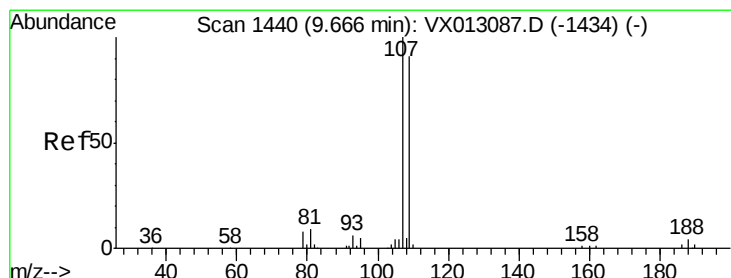
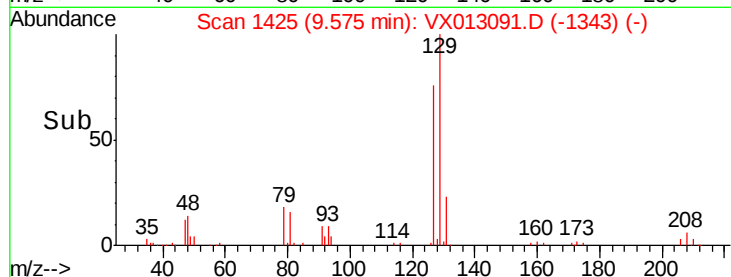
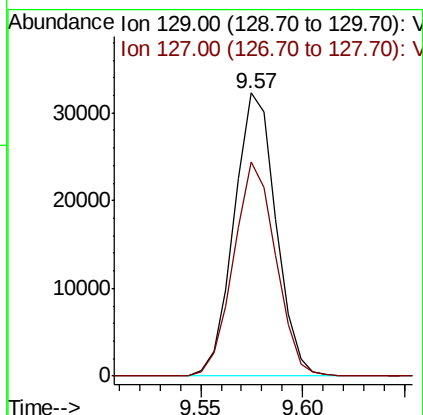
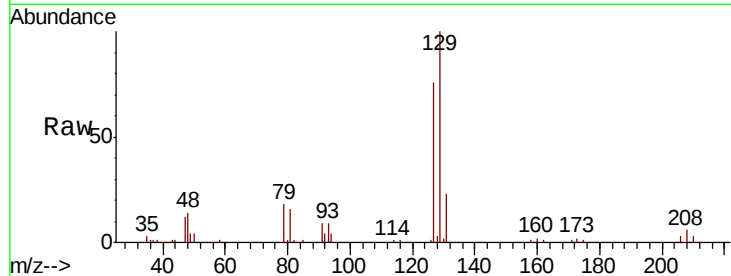




#53
Dibromochloromethane
Concen: 18.001 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

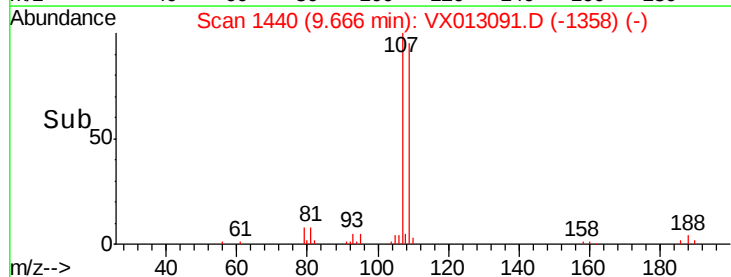
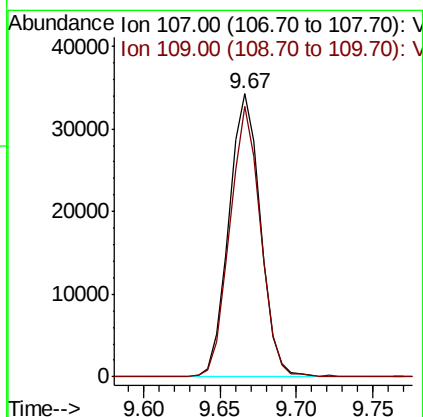
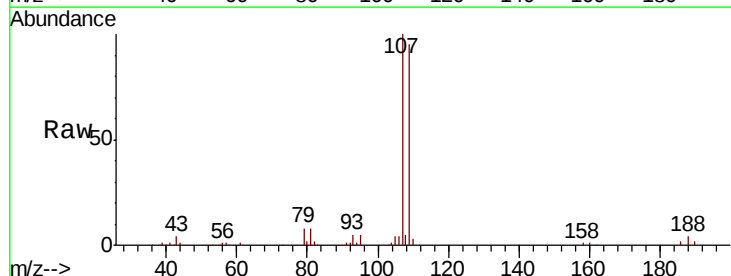
Instrument :
MSVOA_X
ClientSampleId :

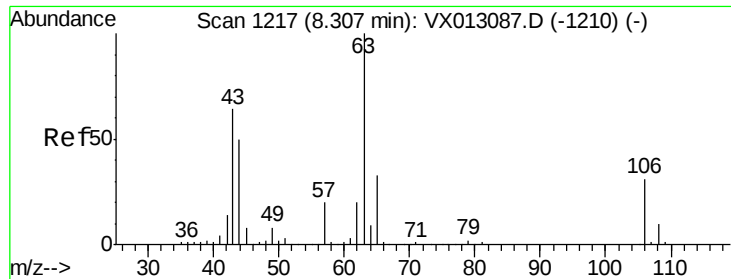
Tot Ion:129 Resp: 45952
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9



#54
1,2-Dibromoethane
Concen: 18.769 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion:107 Resp: 49075
Ion Ratio Lower Upper
107 100
109 93.0 73.6 110.4

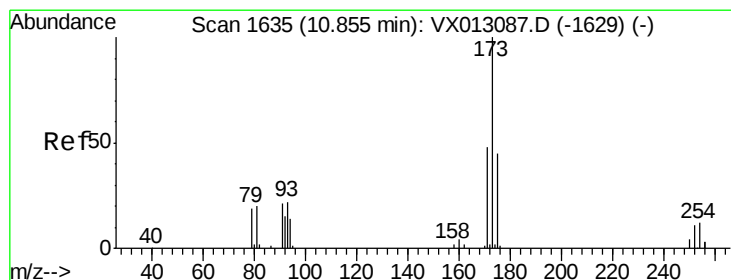
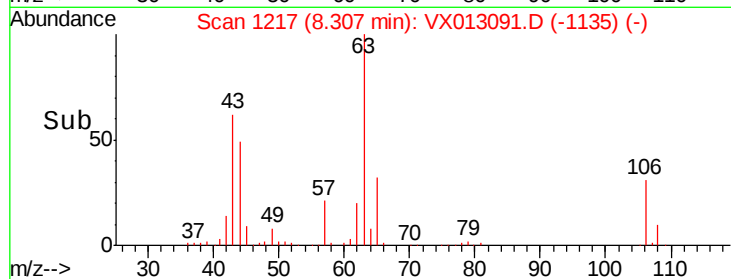
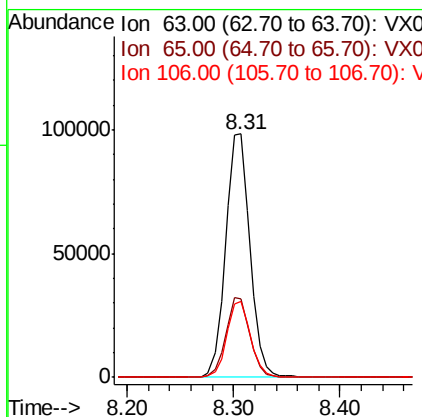
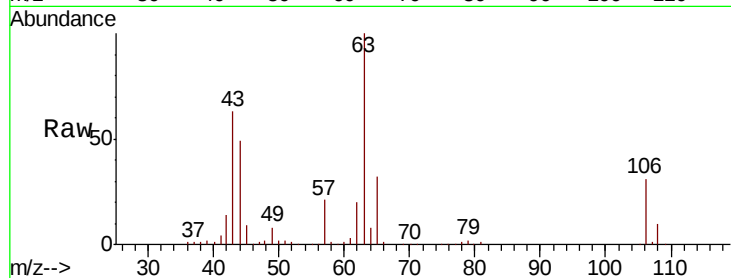




#55
2-Chloroethyl vinyl ether
Concen: 91.557 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

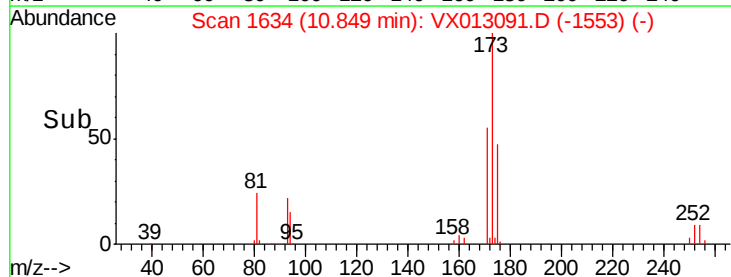
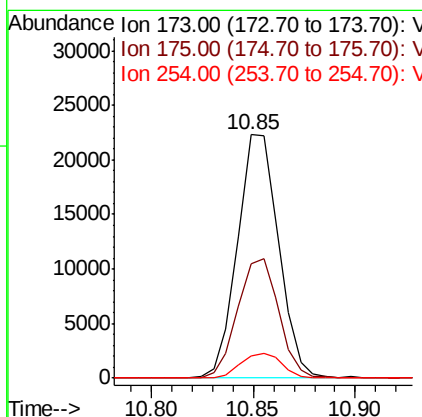
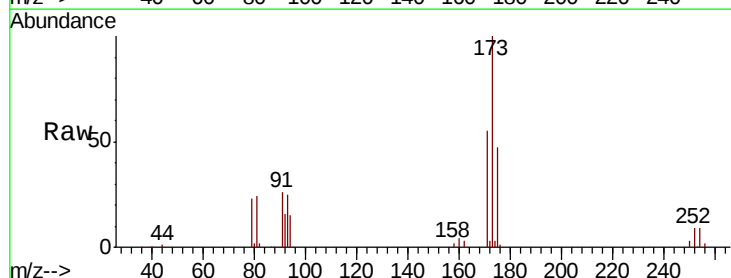
Instrument :
MSVOA_X
ClientSampleId :

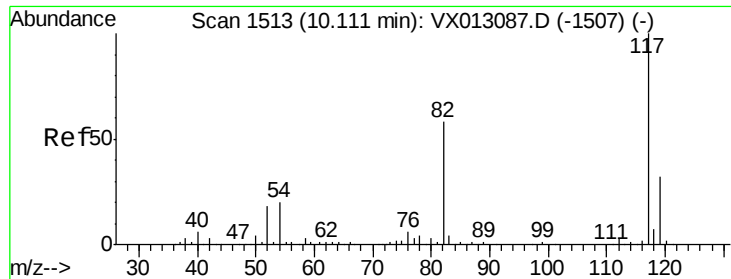
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	30.5	24.3	36.5



#56
Bromoform
Concen: 17.641 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.8	56.8
254	10.2	7.9	11.9

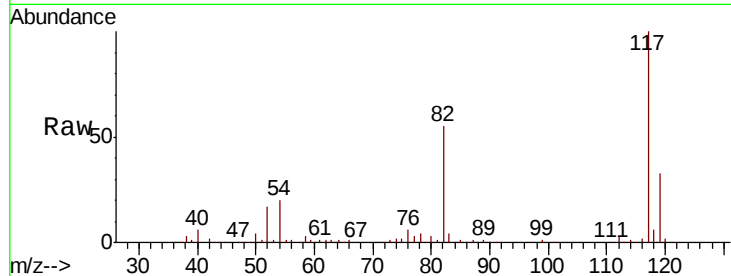




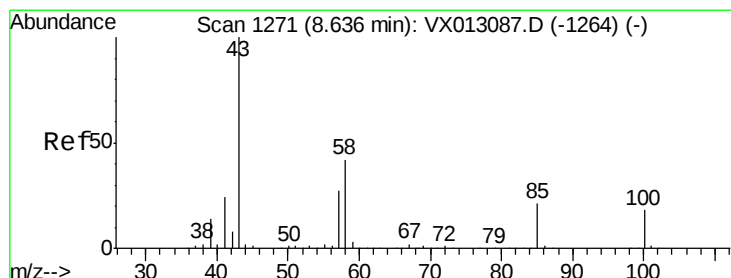
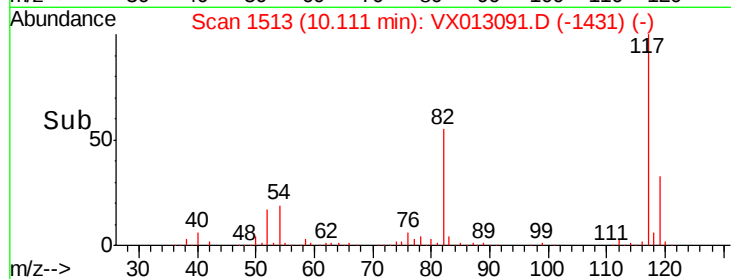
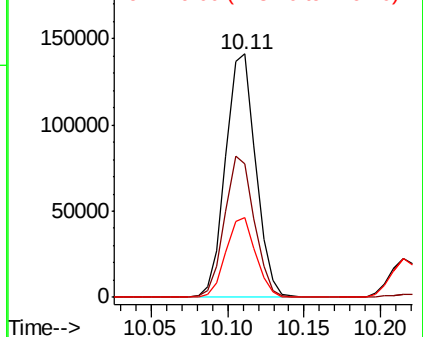
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 193749
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 32.5 25.8 38.6

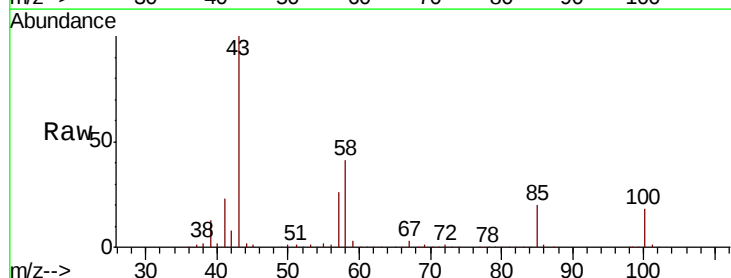


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

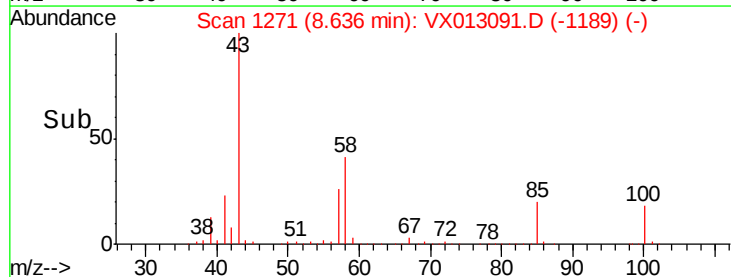
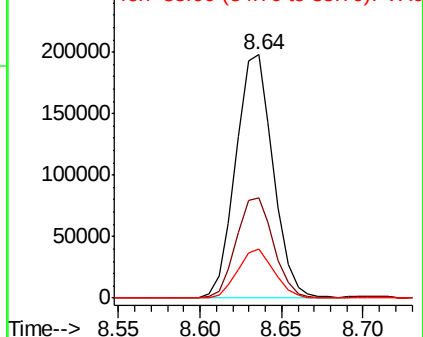


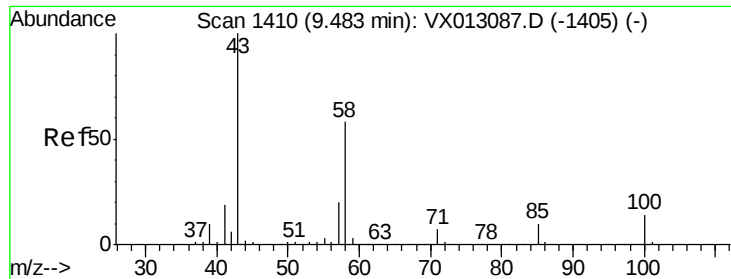
#58
4-Methyl-2-Pentanone
Concen: 89.492 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 43 Resp: 315493
Ion Ratio Lower Upper
43 100
58 41.2 33.0 49.4
85 19.9 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

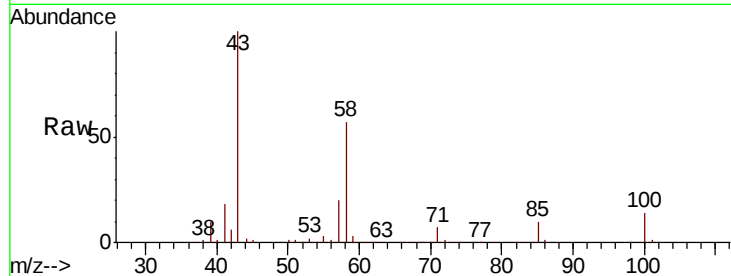




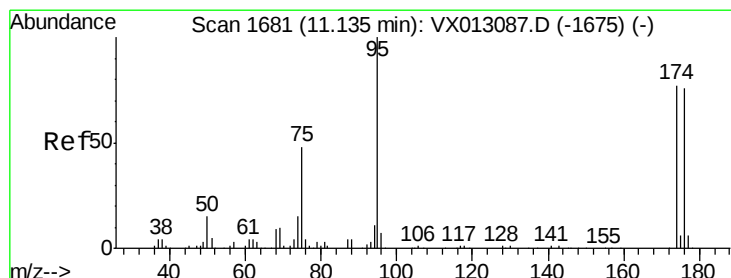
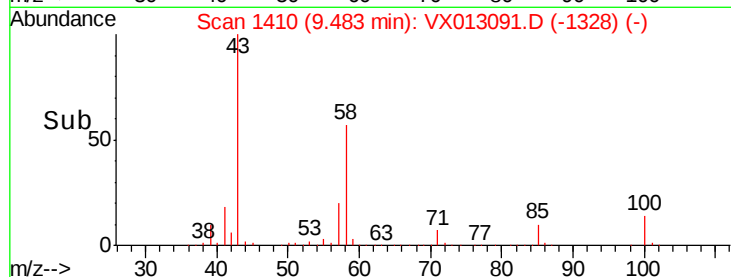
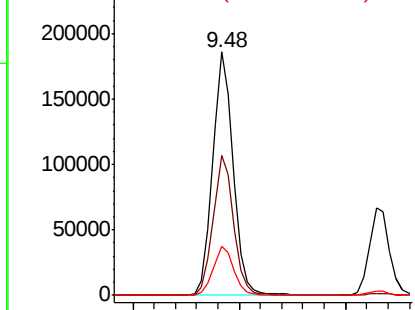
#59
2-Hexanone
Concen: 89.567 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 246401
Ion Ratio Lower Upper
43 100
58 56.9 45.4 68.2
57 20.0 16.2 24.2

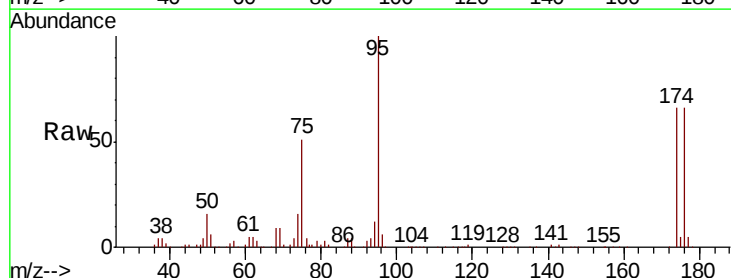


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

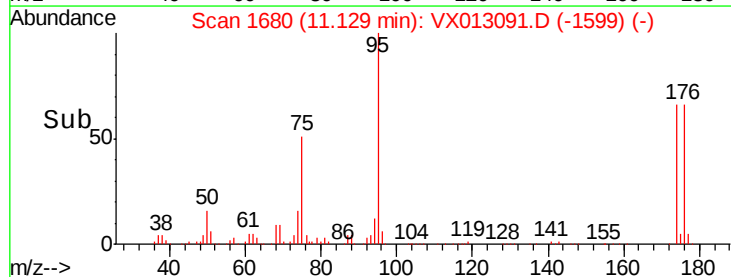
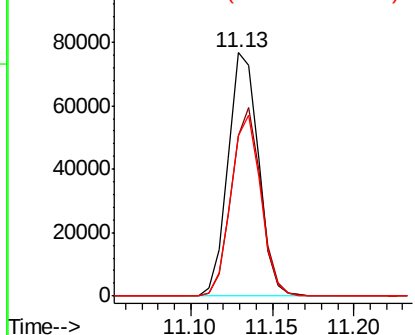


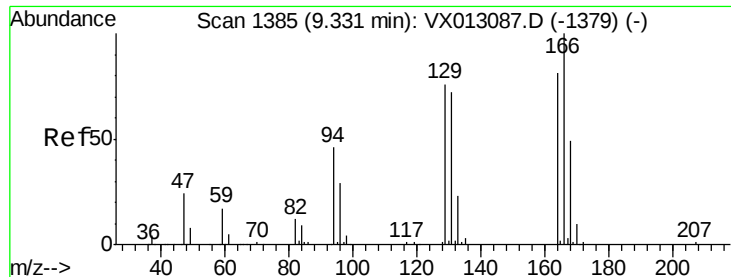
#60
4-Bromofluorobenzene
Concen: 29.450 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 95 Resp: 99875
Ion Ratio Lower Upper
95 100
174 75.0 58.8 88.2
176 72.4 56.6 84.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

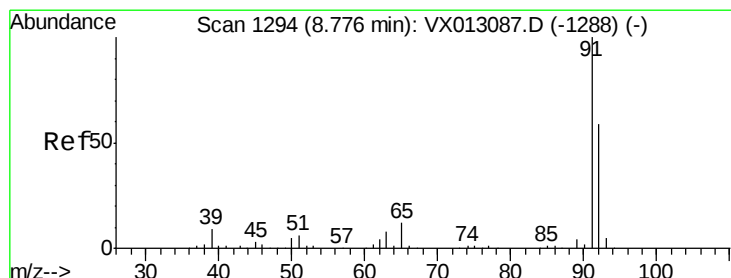
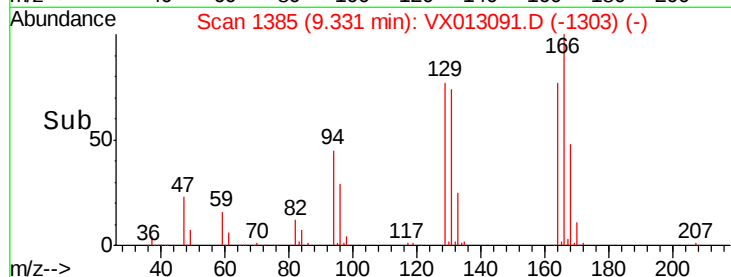
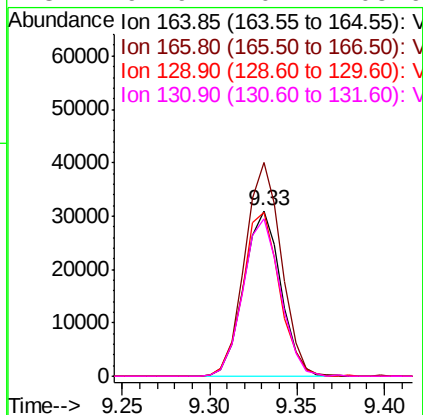
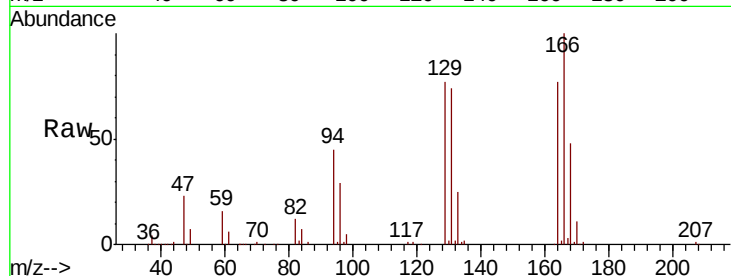




#61
Tetrachloroethene
Concen: 18.474 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

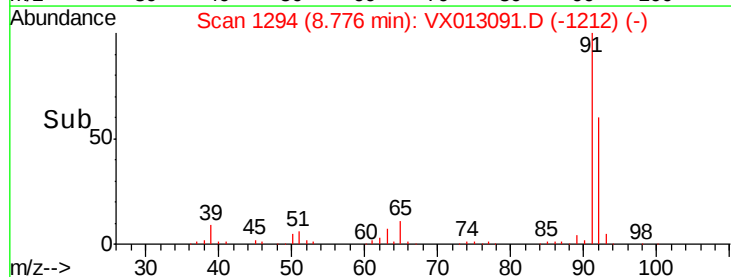
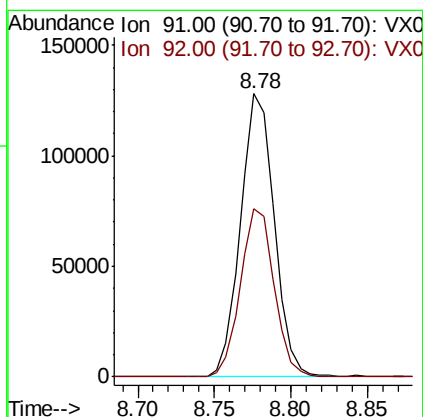
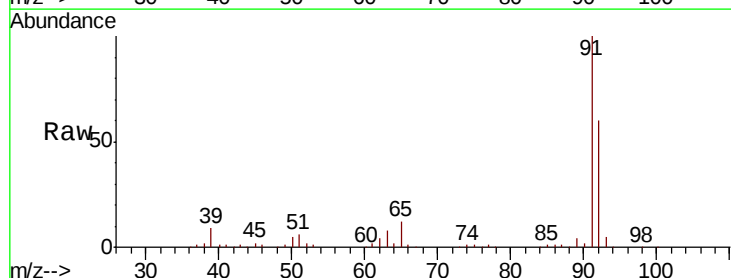
Instrument :
MSVOA_X
ClientSampleId :

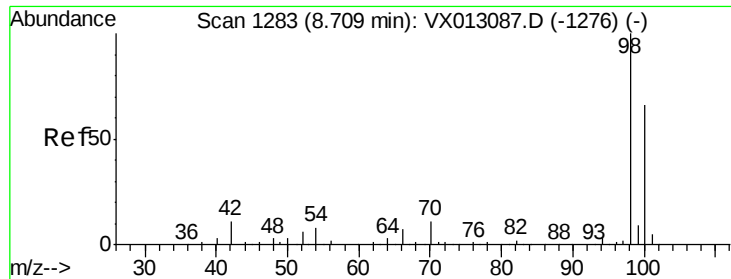
Tot Ion:164 Resp: 45602
Ion Ratio Lower Upper
164 100
166 129.1 98.4 147.6
129 99.2 75.2 112.8
131 94.9 70.4 105.6



#62
Toluene
Concen: 18.672 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 91 Resp: 196603
Ion Ratio Lower Upper
91 100
92 59.4 47.6 71.4

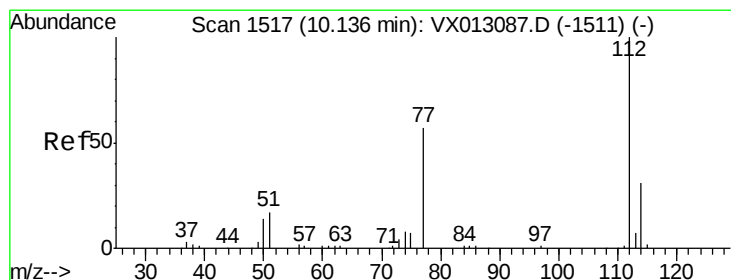
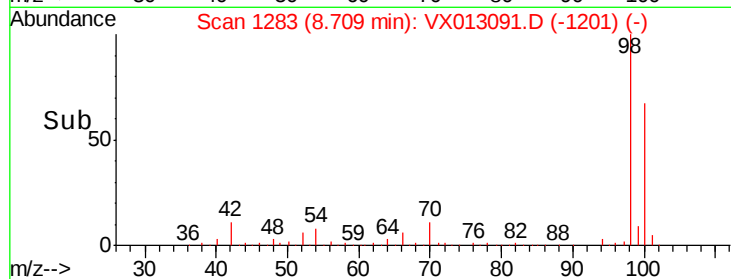
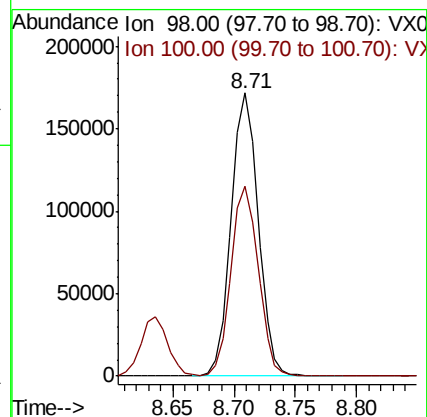
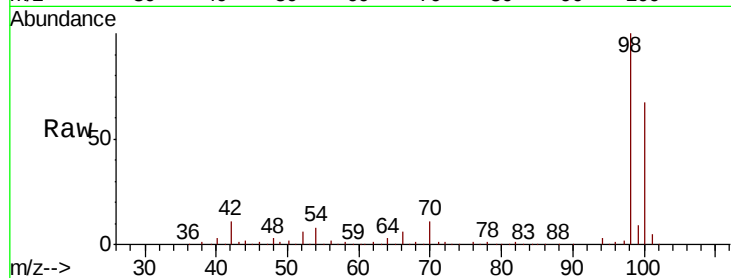




#63
Toluene-d8
Concen: 29.820 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

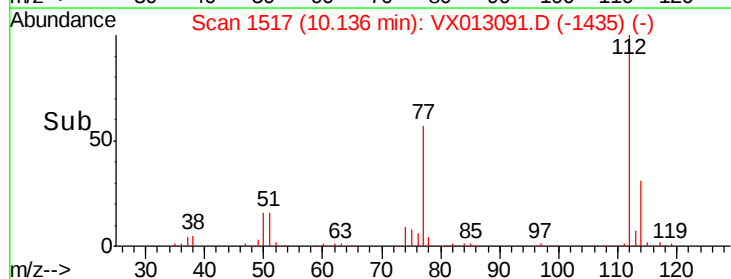
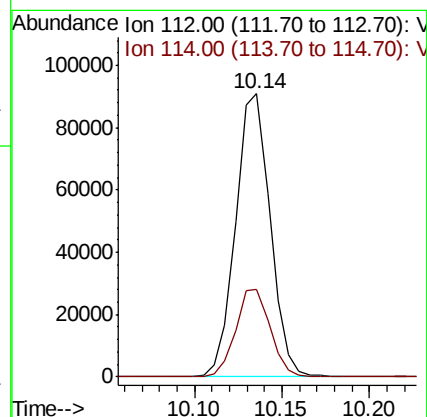
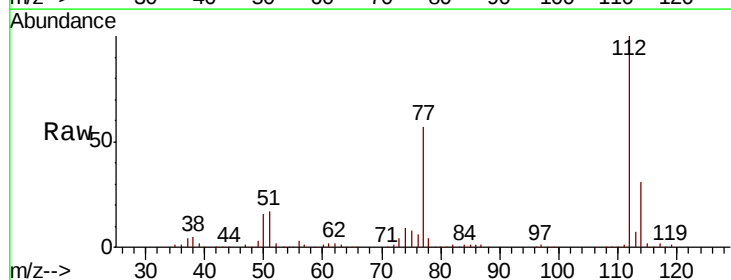
Instrument :
MSVOA_X
ClientSampleId :

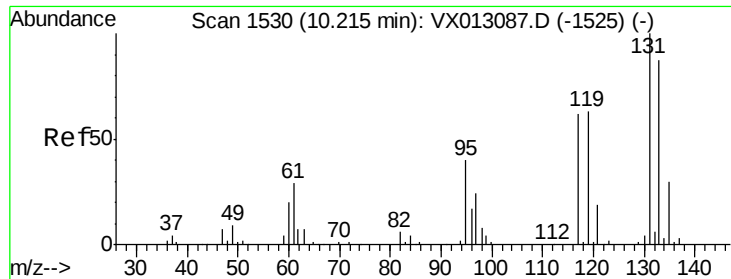
Tot Ion: 98 Resp: 263586
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.6



#64
Chlorobenzene
Concen: 18.741 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 112 Resp: 125411
Ion Ratio Lower Upper
112 100
114 31.0 25.2 37.8





#65

1,1,1,2-Tetrachloroethane

Concen: 17.826 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

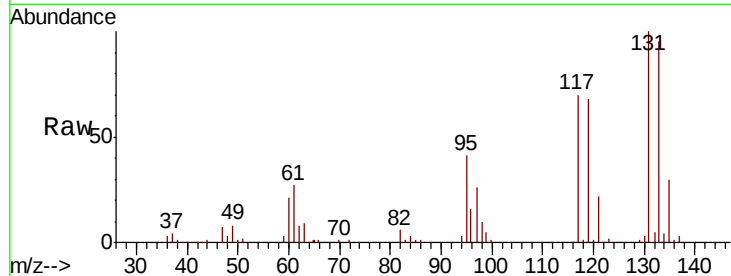
Tot Ion:131 Resp: 43813

Ion Ratio Lower Upper

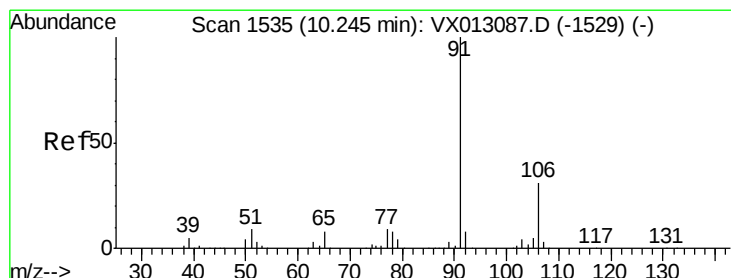
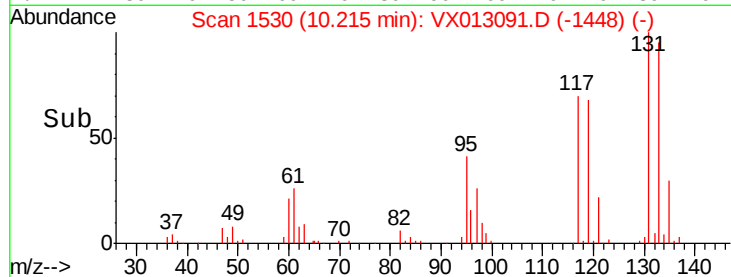
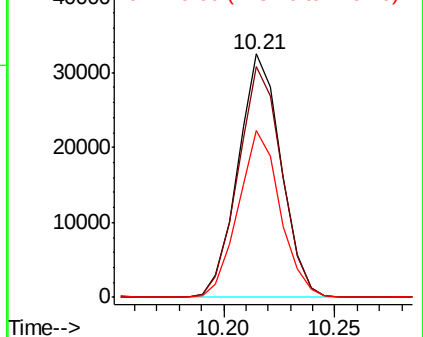
131 100

133 95.9 0.0 187.8

119 66.7 0.0 128.4



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.487 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013091.D

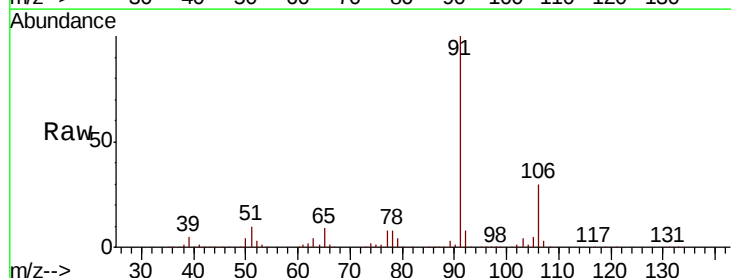
Acq: 16 Oct 2019 12:41

Tgt Ion: 91 Resp: 222174

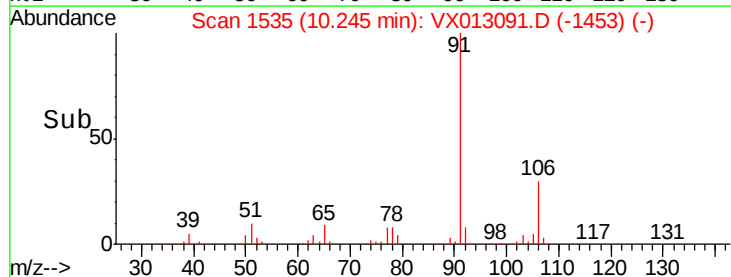
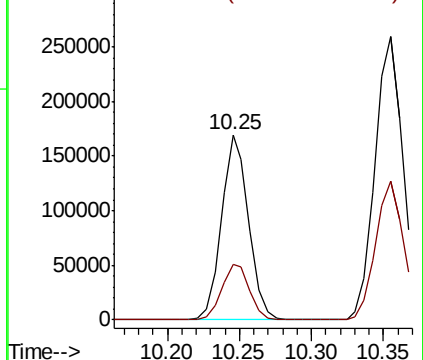
Ion Ratio Lower Upper

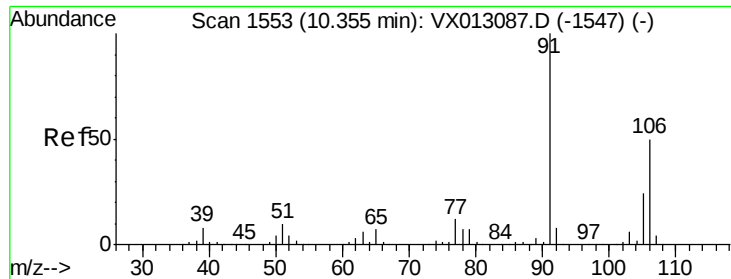
91 100

106 30.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

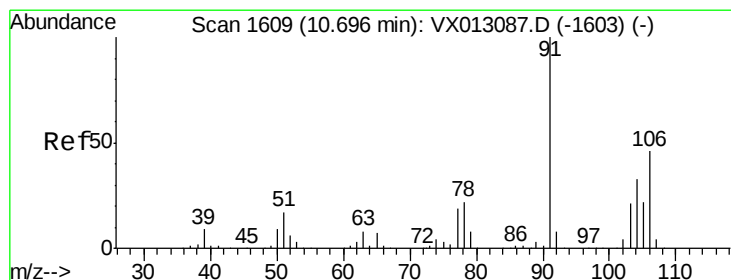
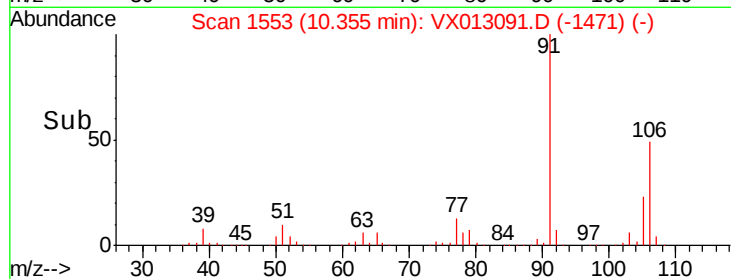
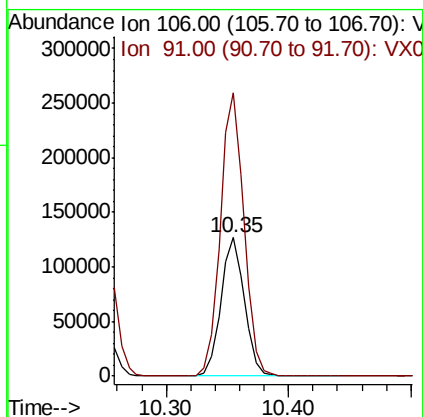
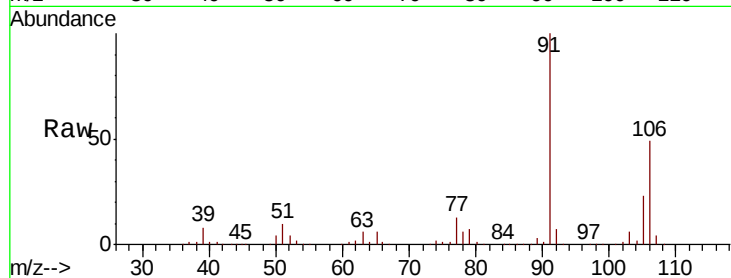




#67
m/p-Xylenes
Concen: 37.439 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

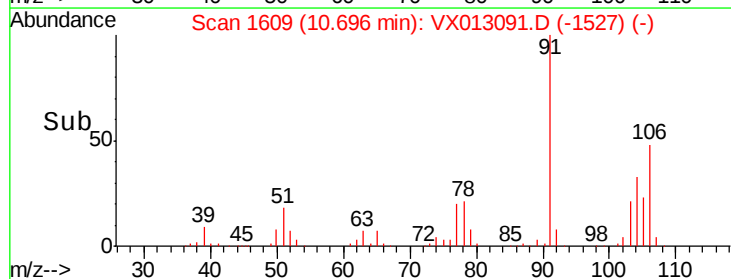
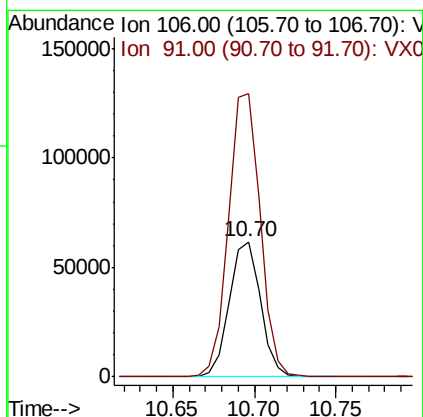
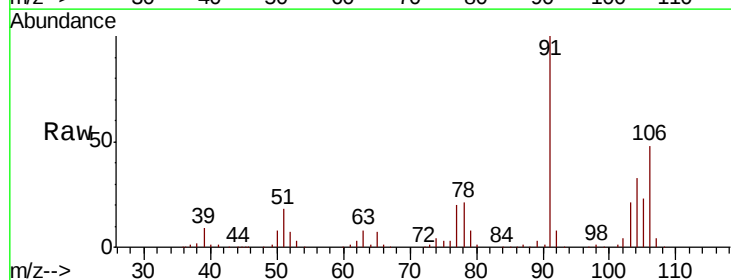
Instrument :
MSVOA_X
ClientSampled :

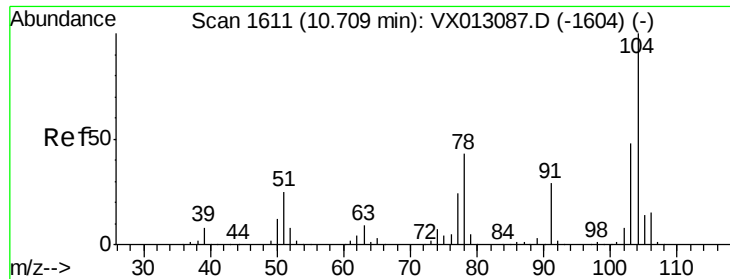
Tot Ion:106 Resp: 169272
Ion Ratio Lower Upper
106 100
91 203.5 162.6 243.8



#68
o-Xylene
Concen: 18.631 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion:106 Resp: 82027
Ion Ratio Lower Upper
106 100
91 213.8 109.1 327.3

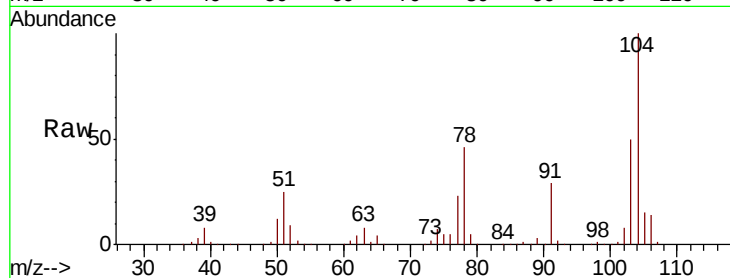




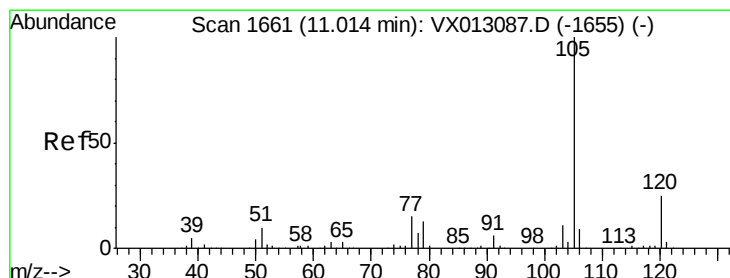
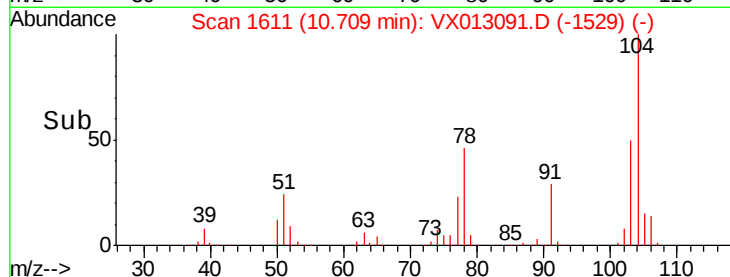
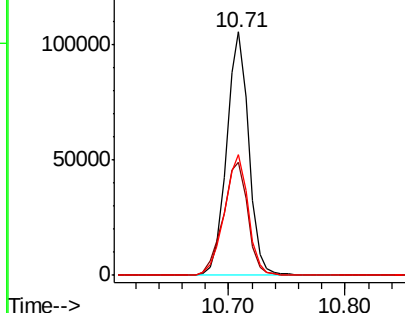
#69
Stvrene
Concen: 18.269 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 138469
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 53.1 42.8 64.2

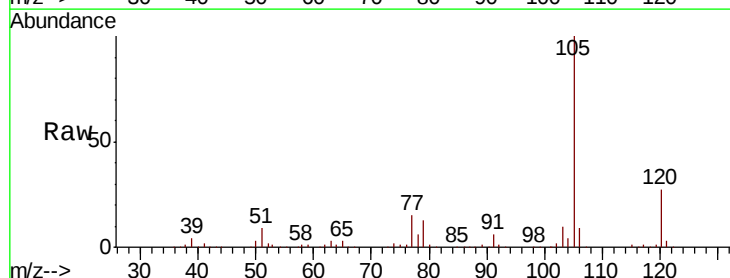


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

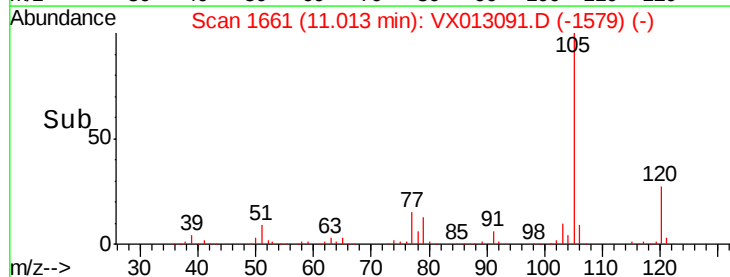
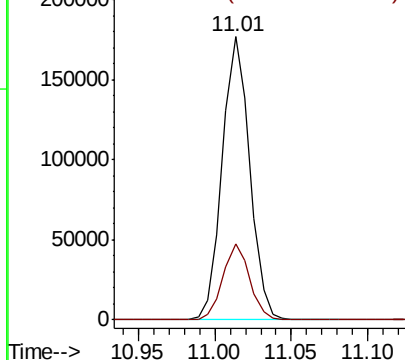


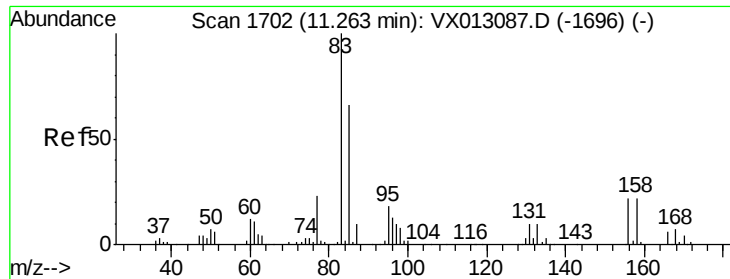
#70
Isopropylbenzene
Concen: 18.682 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion:105 Resp: 219693
Ion Ratio Lower Upper
105 100
120 26.3 17.9 33.3



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

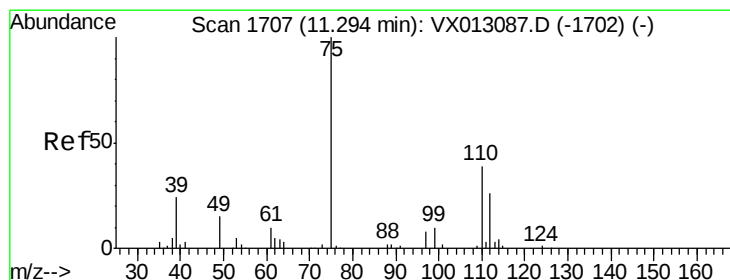
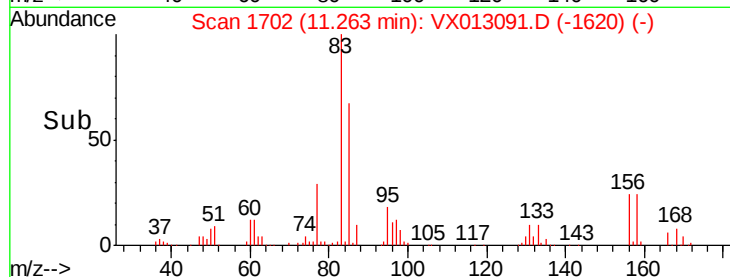
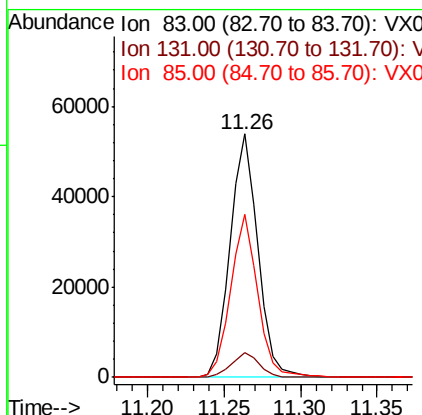
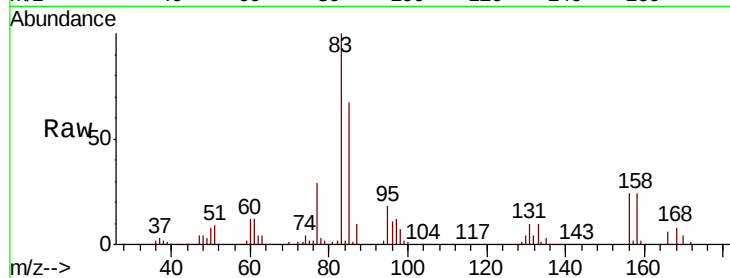




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.716 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

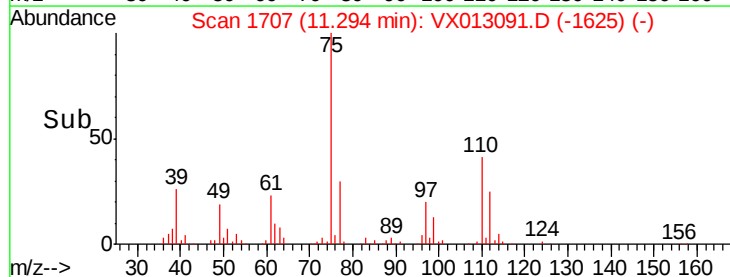
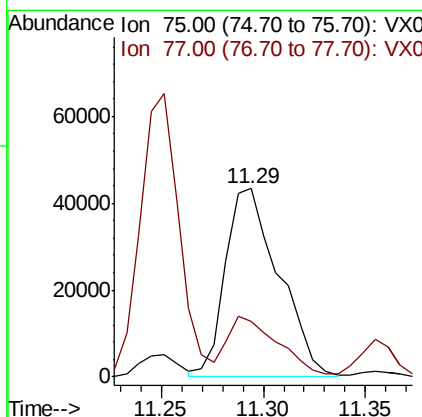
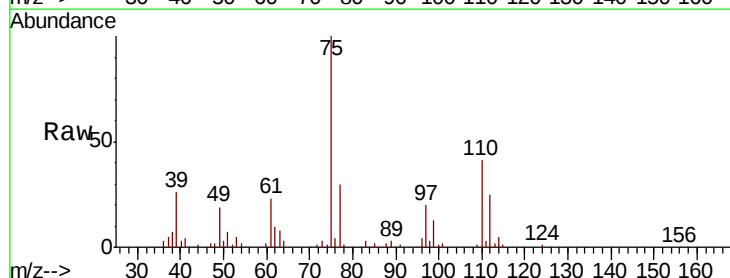
Instrument :
 MSVOA_X
 ClientSampleId :

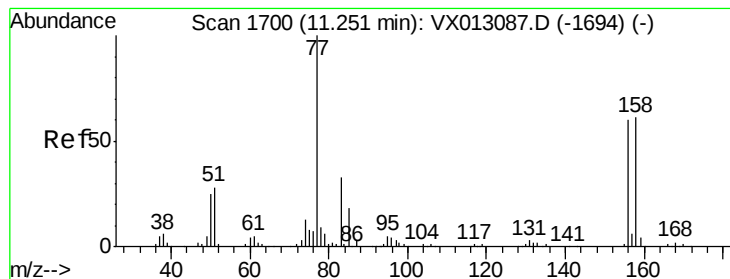
Tot Ion: 83 Resp: 67799
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.6
 85 65.0 31.9 95.9



#72
 1,2,3-Trichloropropane
 Concen: 24.824 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 75 Resp: 78993
 Ion Ratio Lower Upper
 75 100
 77 30.8 0.0 87.8





#73

Bromobenzene

Concen: 18.606 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

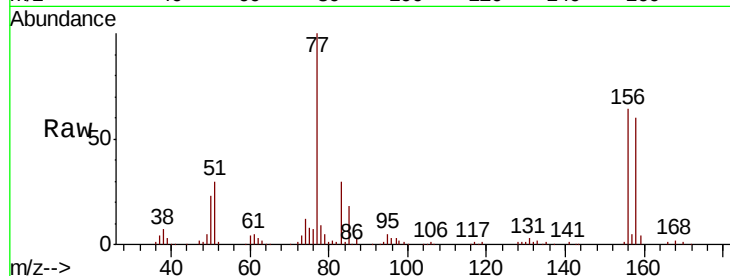
Tot Ion:156 Resp: 52183

Ion Ratio Lower Upper

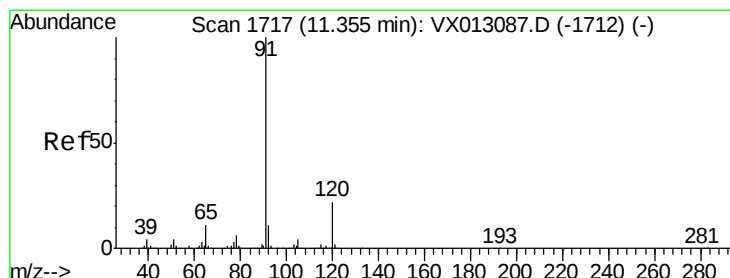
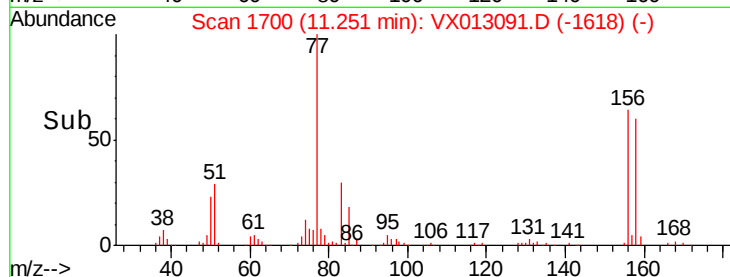
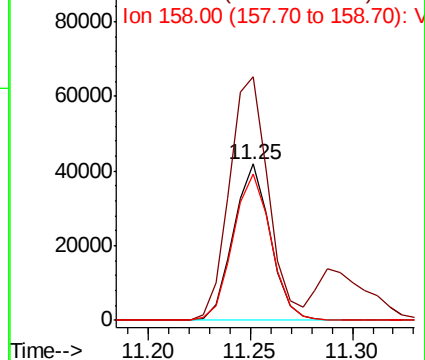
156 100

77 165.2 0.0 344.0

158 96.4 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.858 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013091.D

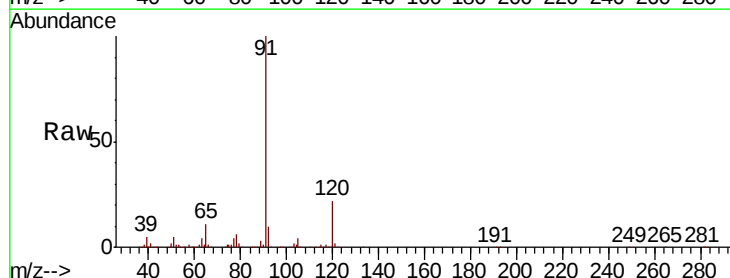
Acq: 16 Oct 2019 12:41

Tgt Ion: 91 Resp: 247701

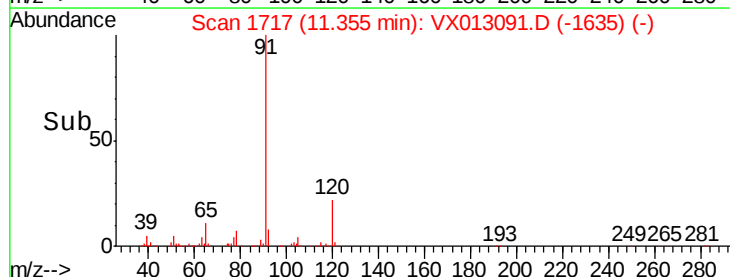
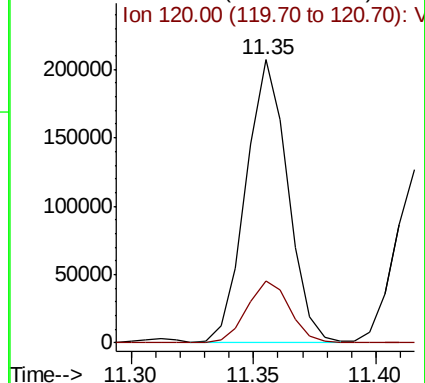
Ion Ratio Lower Upper

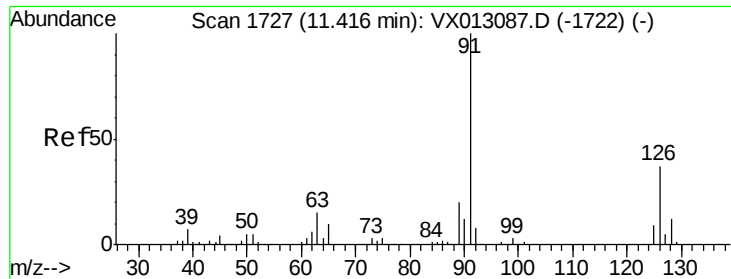
91 100

120 22.3 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.398 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

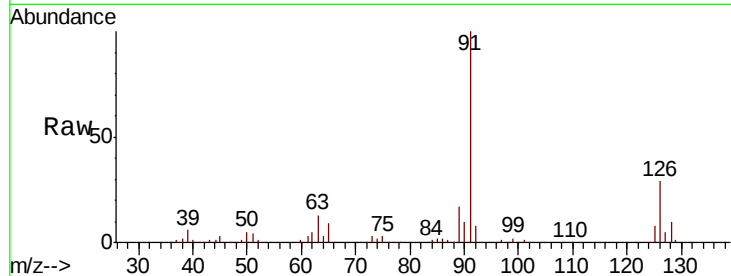
ClientSampleId :

Tot Ion: 91 Resp: 148040

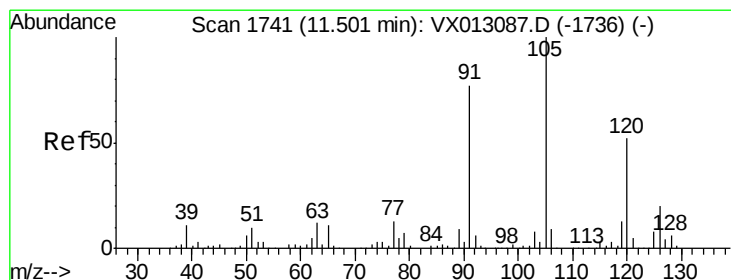
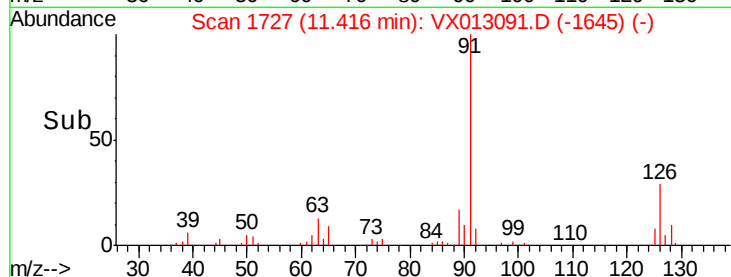
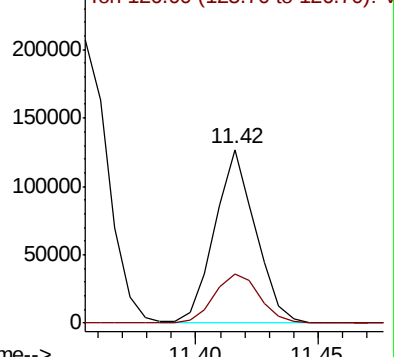
Ion Ratio Lower Upper

91 100

126 31.1 0.0 66.0



Abundance Ion 91.00 (90.70 to 91.70): VX013087.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.969 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013091.D

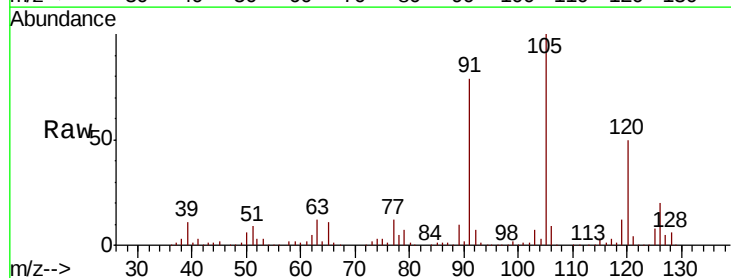
Acq: 16 Oct 2019 12:41

Tgt Ion: 105 Resp: 179807

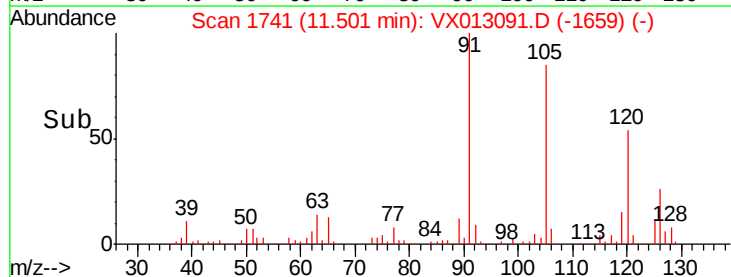
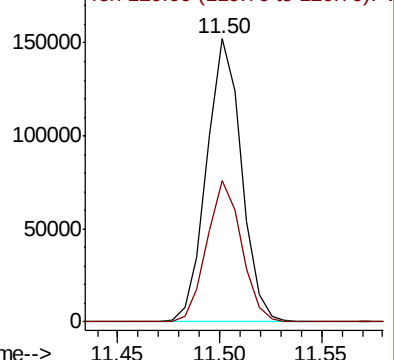
Ion Ratio Lower Upper

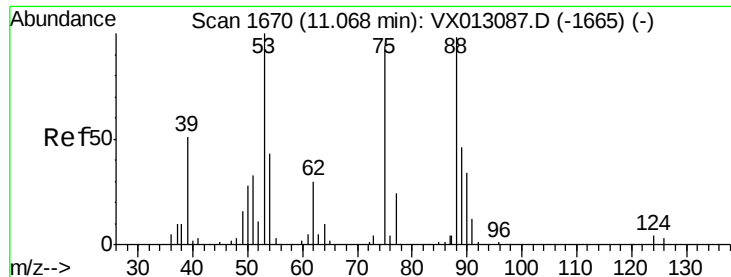
105 100

120 49.9 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX013087.D (-1736) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.537 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

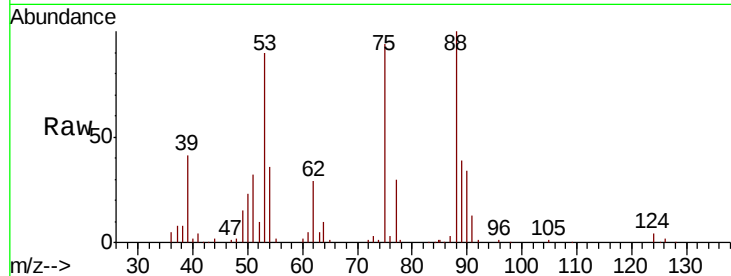
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 21596

Ion	Ratio	Lower	Upper
75	100		
53	95.7	53.1	159.4
89	41.0	24.6	73.8

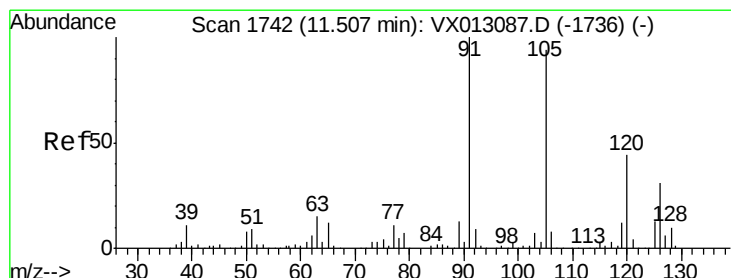
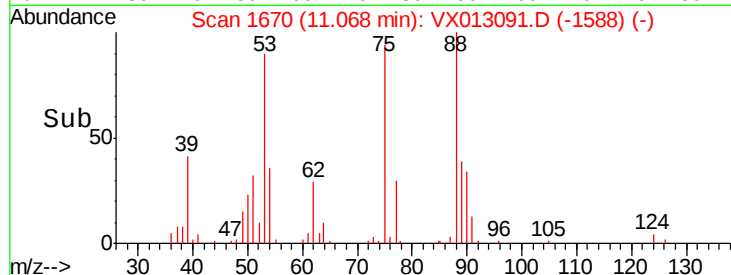
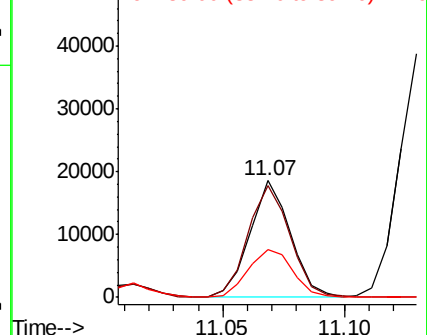


Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.522 ug/l

RT: 11.51 min Scan# 1742

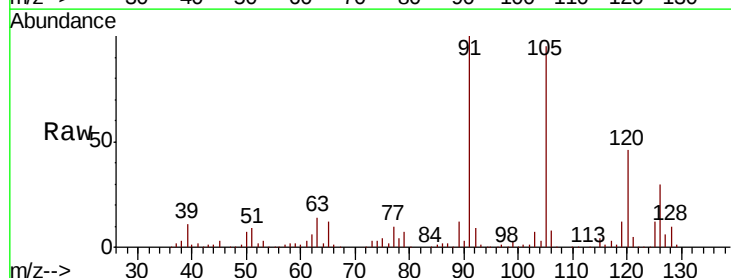
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion: 91 Resp: 172342

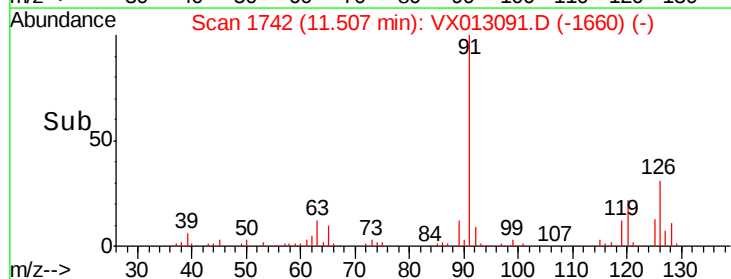
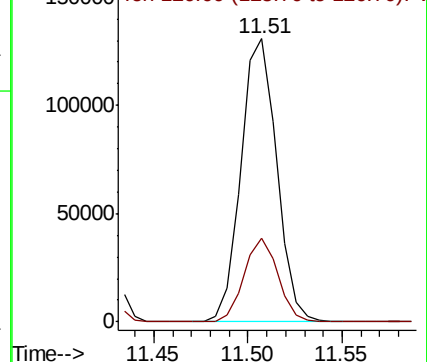
Ion	Ratio	Lower	Upper
91	100		
126	27.8	0.0	57.0

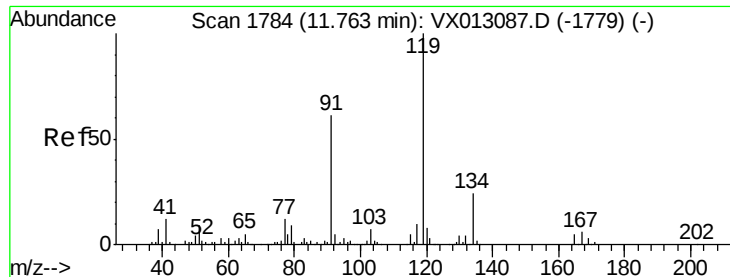


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.571 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013091.D

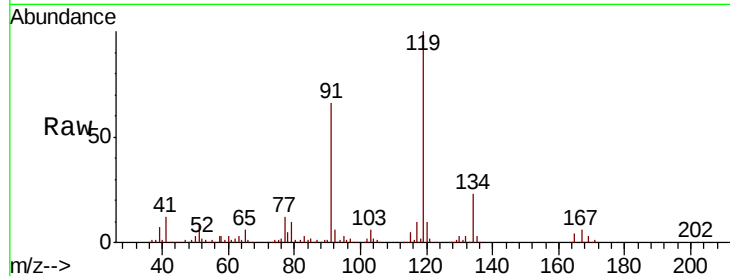
Acq: 16 Oct 2019 12:41

Instrument :

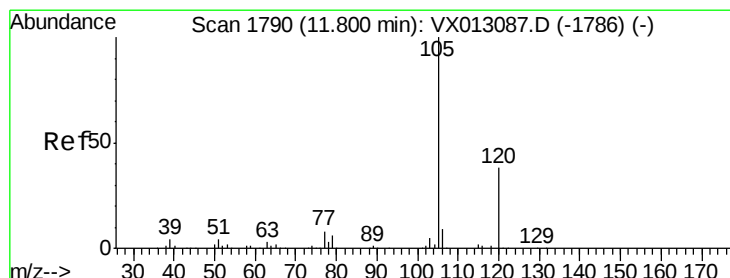
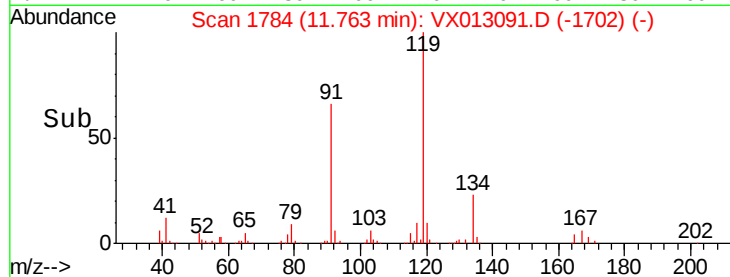
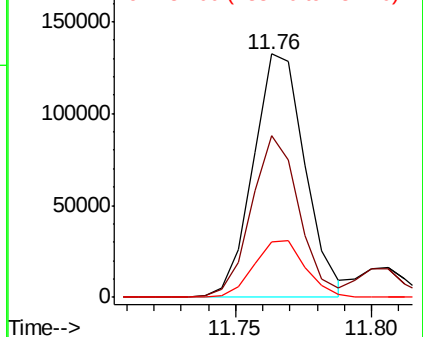
MSVOA_X

ClientSampled :

Tot Ion:	119	Resp:	174810
Ion	Ratio	Lower	Upper
119	100		
91	61.4	0.0	122.2
134	23.1	0.0	46.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.508 ug/l

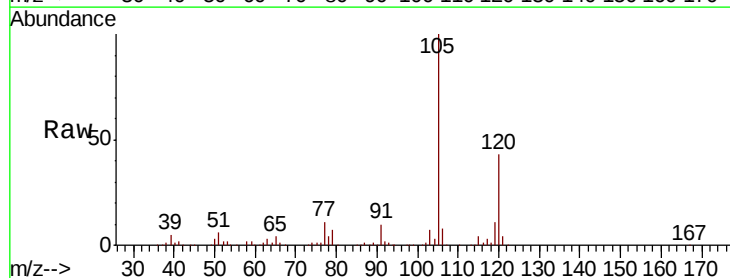
RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

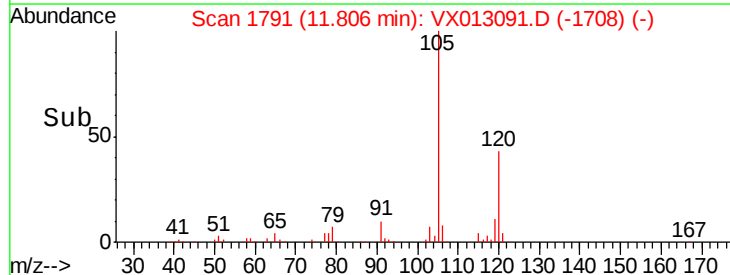
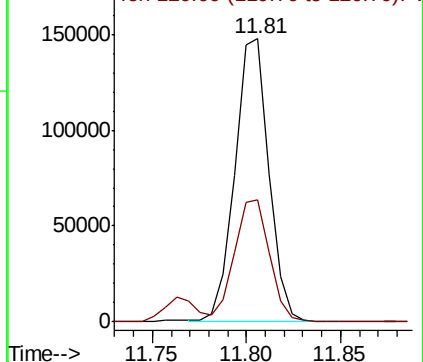
Lab File: VX013091.D

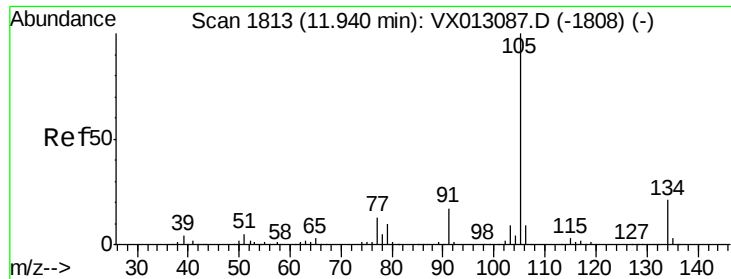
Acq: 16 Oct 2019 12:41

Tgt Ion:	105	Resp:	184694
Ion	Ratio	Lower	Upper
105	100		
120	44.6	0.0	85.8



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





#81

sec-Butylbenzene

Concen: 17.869 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

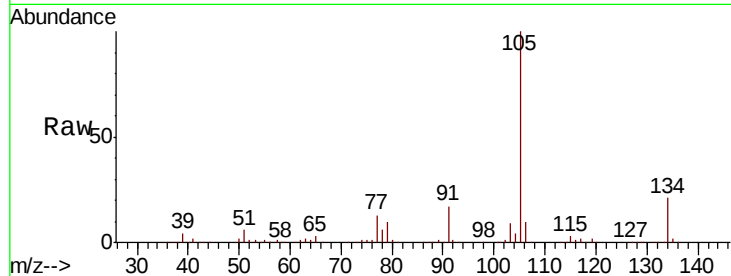
ClientSampleId :

Tot Ion:105 Resp: 202619

Ion Ratio Lower Upper

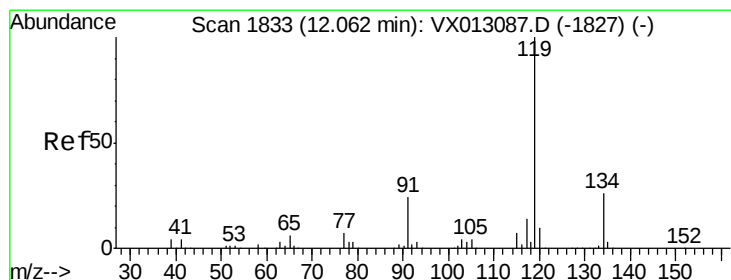
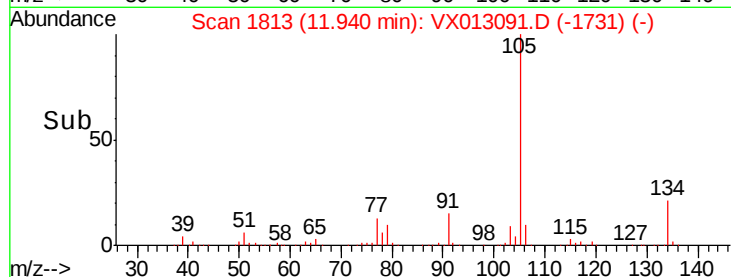
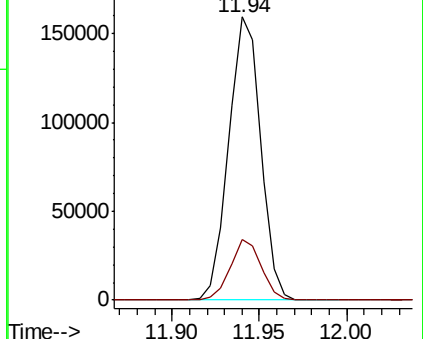
105 100

134 20.6 0.0 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.453 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

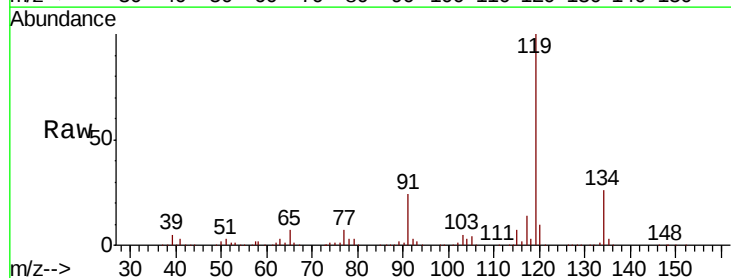
Tgt Ion:119 Resp: 190805

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.0

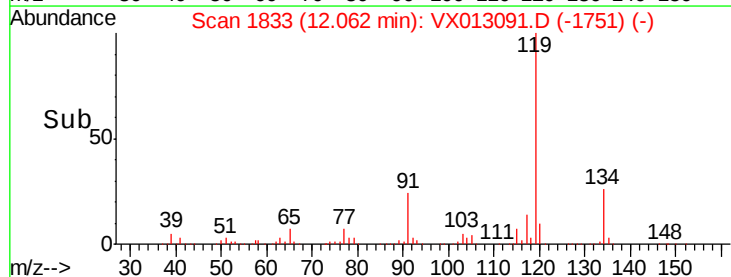
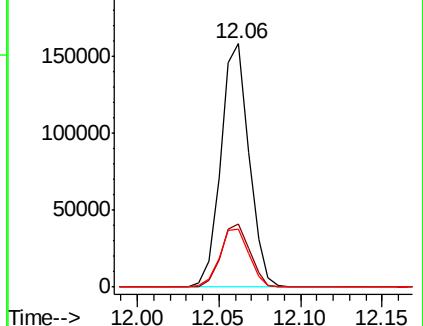
91 24.8 0.0 50.4

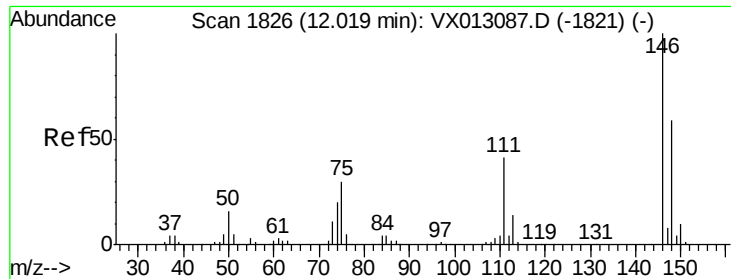


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

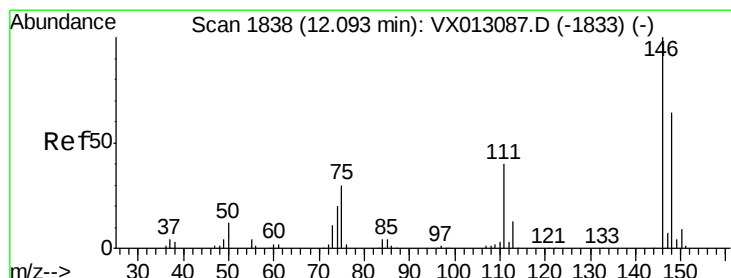
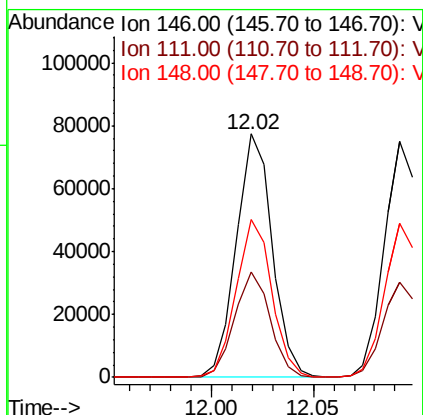
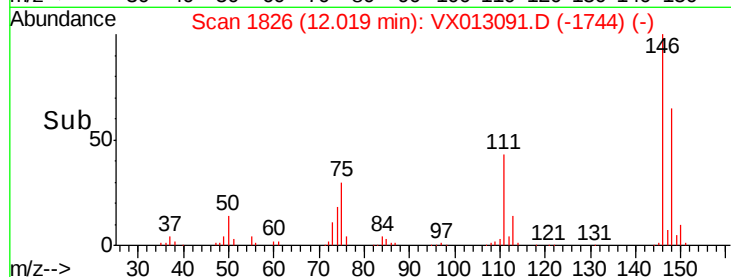
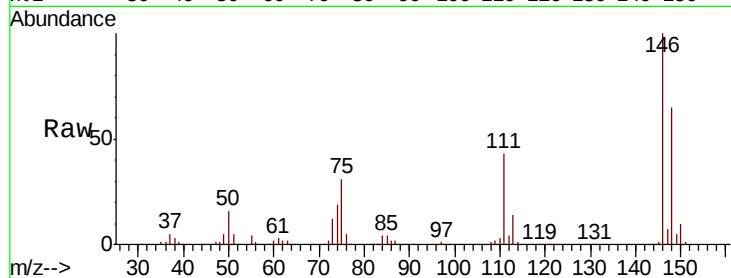




#83
 1,3-Dichlorobenzene
 Concen: 18.677 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

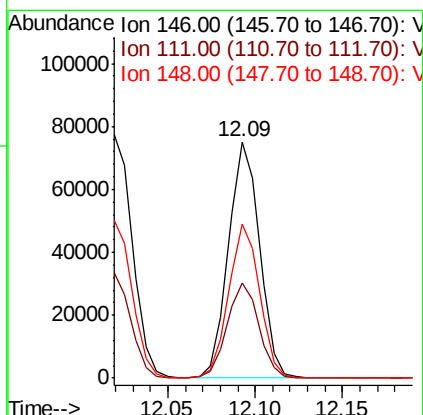
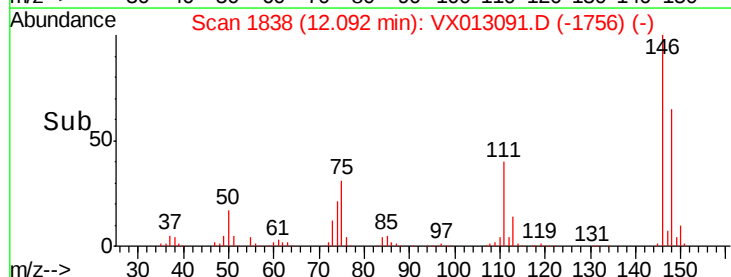
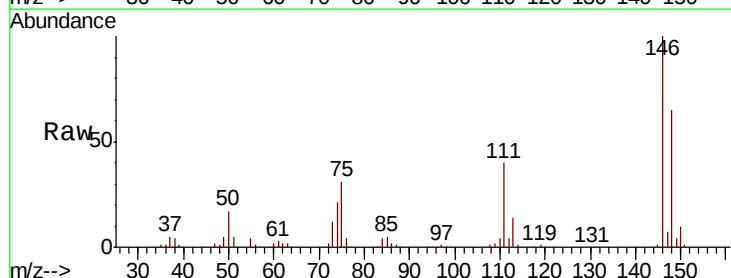
Instrument :
 MSVOA_X
 ClientSampled :

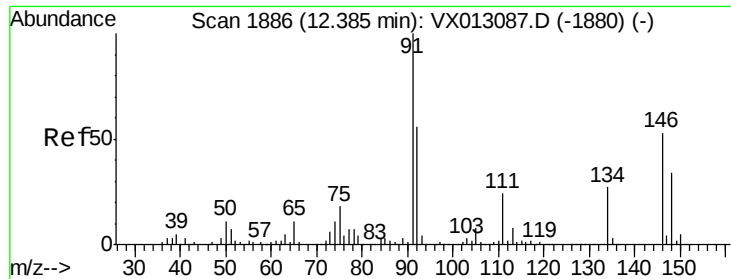
Tot Ion:146 Resp: 94944
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 64.2 30.4 91.2



#84
 1,4-Dichlorobenzene
 Concen: 18.259 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion:146 Resp: 93357
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 64.6 31.9 95.7

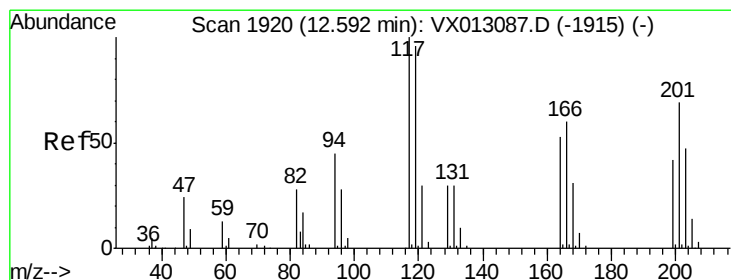
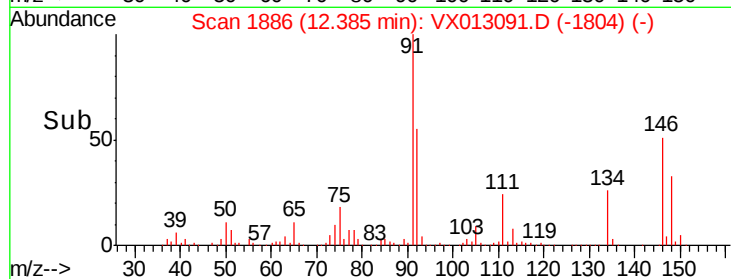
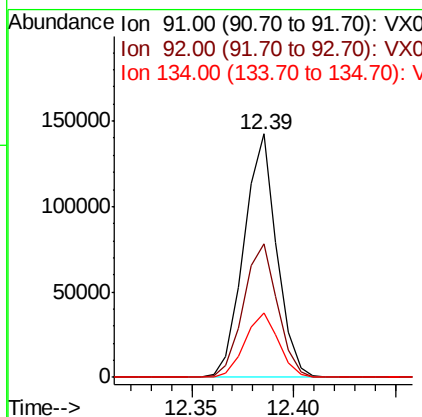
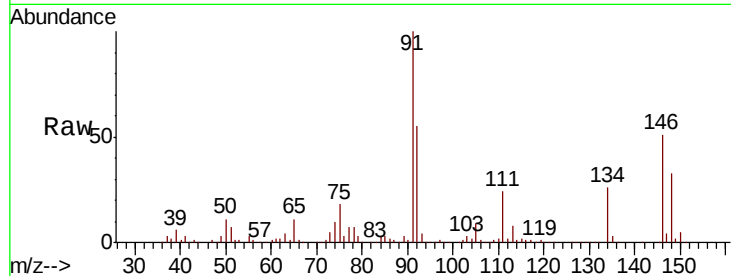




#85
n-Butylbenzene
Concen: 18.057 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

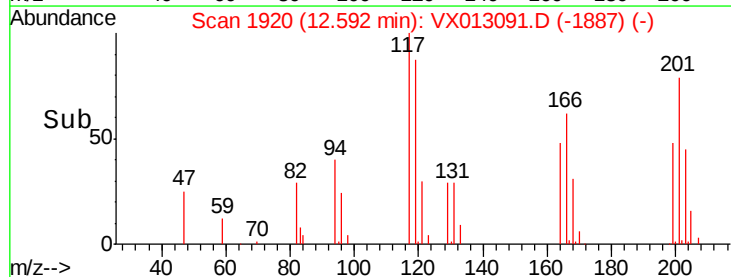
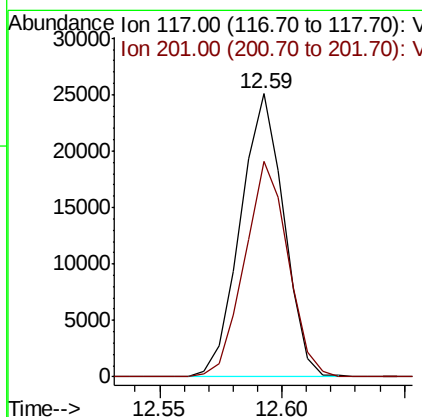
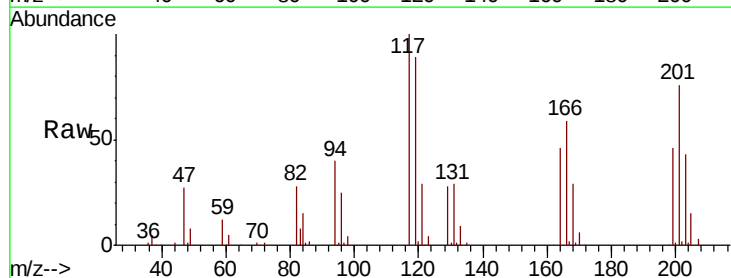
Instrument :
MSVOA_X
ClientSampled :

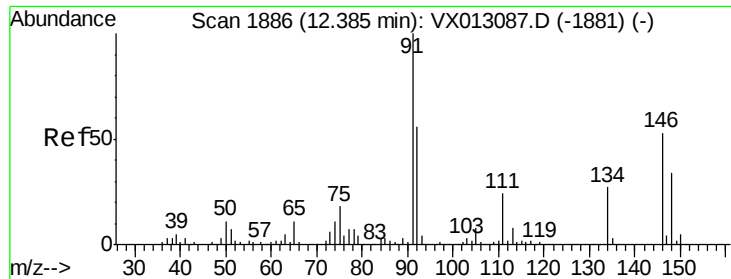
Tot Ion: 91 Resp: 159363
Ion Ratio Lower Upper
91 100
92 56.8 0.0 109.4
134 27.0 0.0 51.6



#86
Hexachloroethane
Concen: 17.364 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 117 Resp: 31112
Ion Ratio Lower Upper
117 100
201 75.8 34.2 102.5

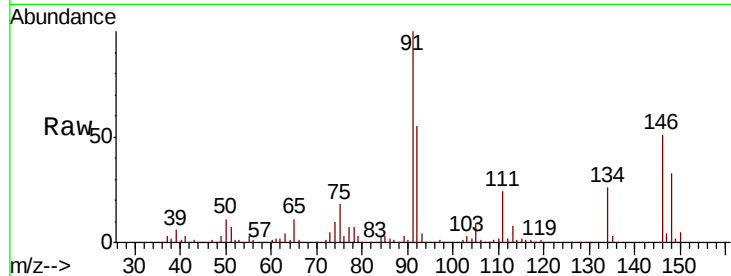




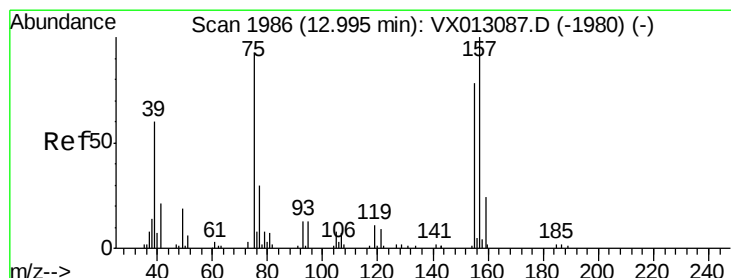
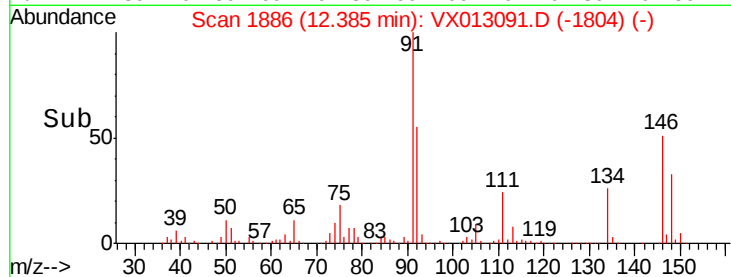
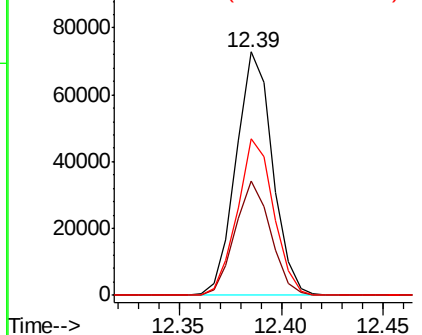
#87
 1,2-Dichlorobenzene
 Concen: 18.052 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 90510
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.3 66.9
 148 63.8 32.7 98.1

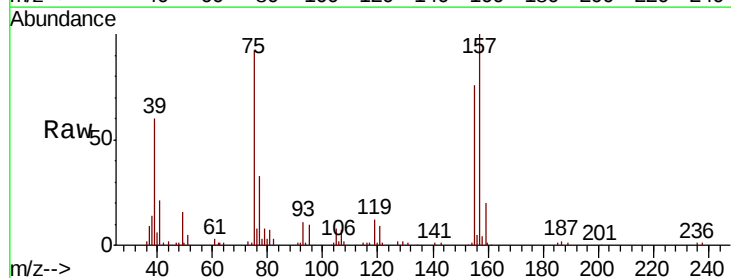


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

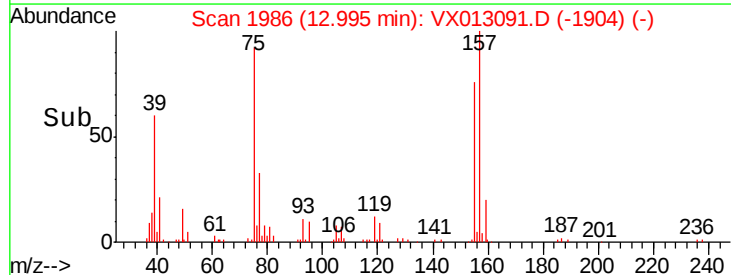
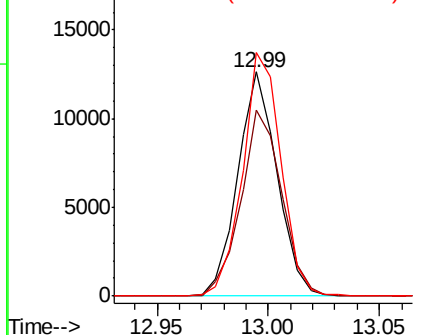


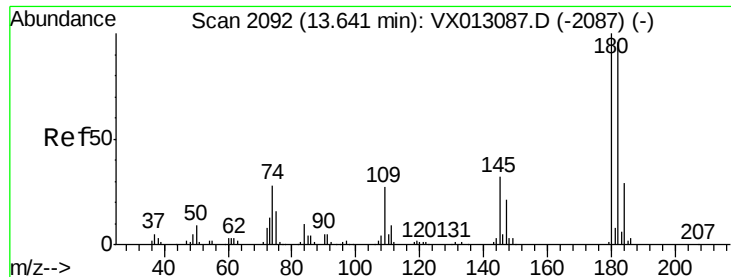
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.679 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 75 Resp: 15536
 Ion Ratio Lower Upper
 75 100
 155 86.3 68.4 102.6
 157 106.9 85.6 128.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

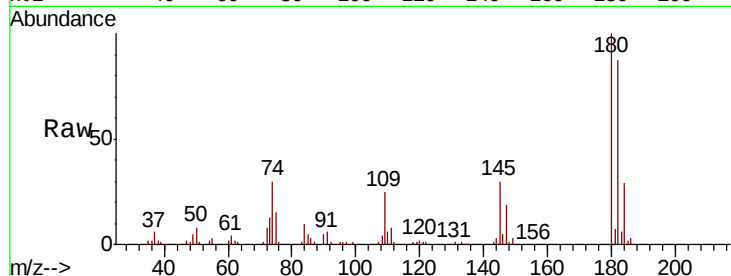




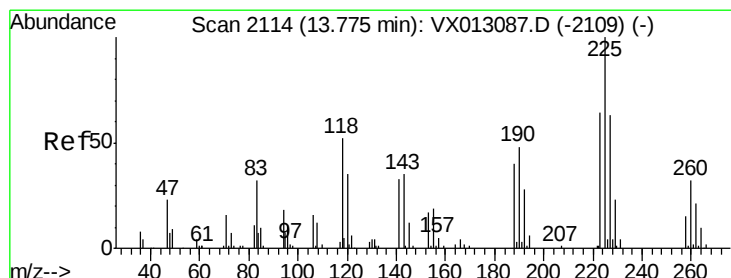
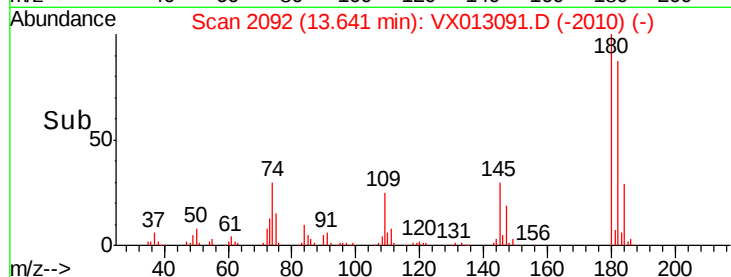
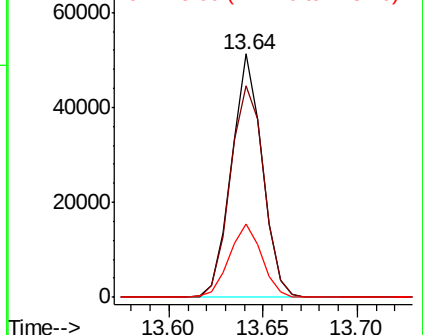
#89
1,2,4-Trichlorobenzene
Concen: 18.596 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:180 Resp: 58172
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 31.9 26.2 39.2

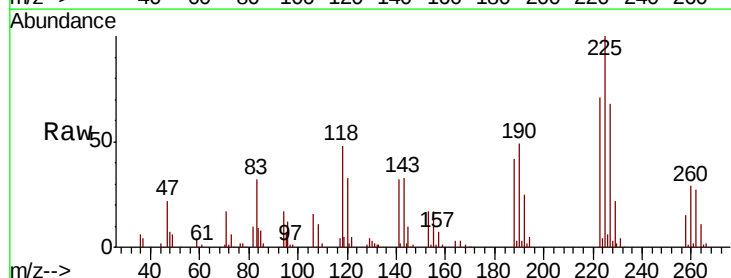


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

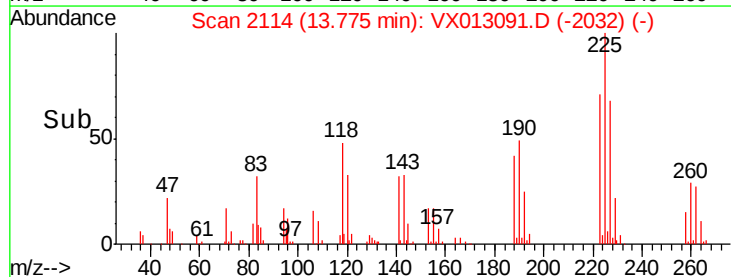
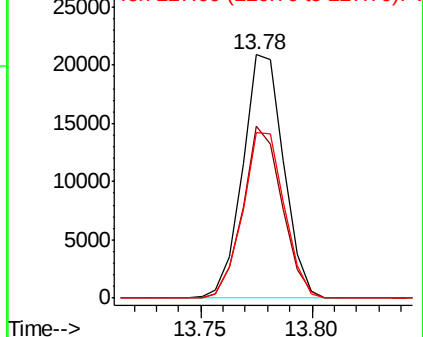


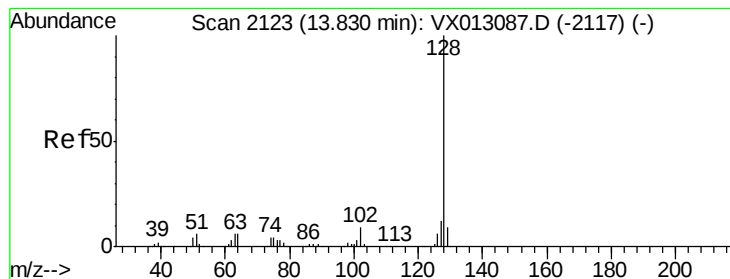
#90
Hexachlorobutadiene
Concen: 18.121 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion:225 Resp: 26906
Ion Ratio Lower Upper
225 100
223 67.5 0.0 132.2
227 68.7 0.0 124.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 17.753 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

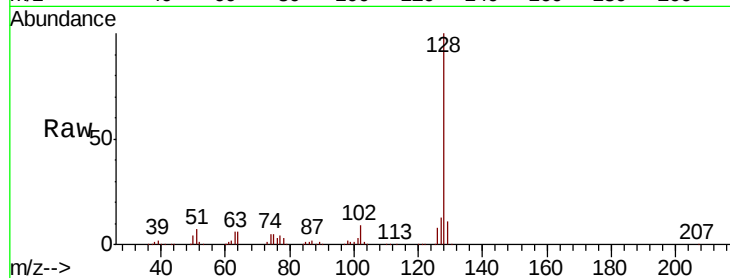
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 188880

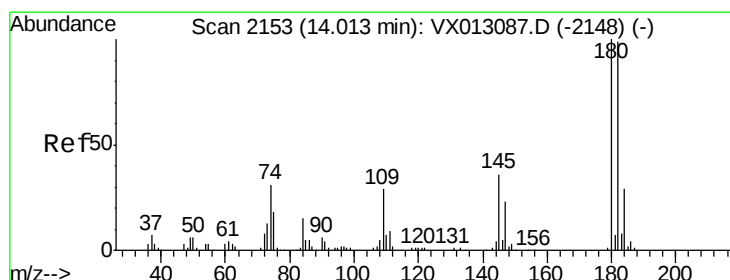
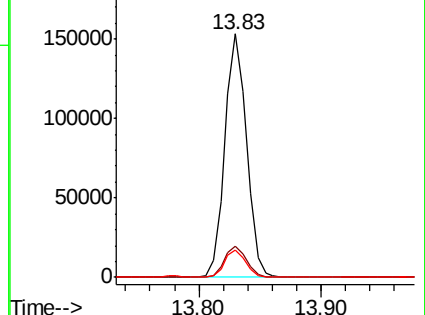
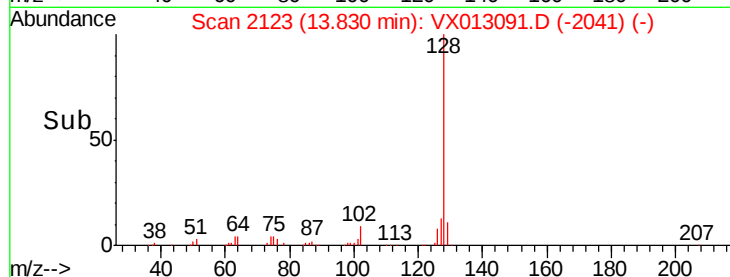
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.0	8.0	12.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.751 ug/l

RT: 14.01 min Scan# 2153

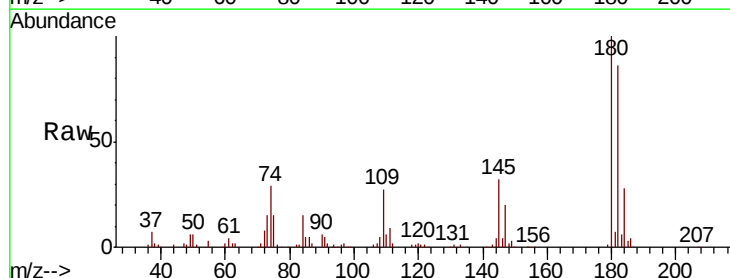
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion:180 Resp: 58756

Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	195.2
145	34.4	0.0	69.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

