

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013089.D
 Acq On : 16 Oct 2019 11:43
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 02:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 02:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	27911	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	166280	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146876	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	65879	33.85	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.83%
60) 4-Bromofluorobenzene	11.14	95	80663	32.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	109.20%
63) Toluene-d8	8.71	98	201126	30.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	203203	111.288	ug/l 100
3) Chloromethane	1.32	50	191314	117.013	ug/l 99
4) Vinyl Chloride	1.40	62	200853	119.094	ug/l 97
5) Bromomethane	1.62	94	82720	90.313	ug/l 100
6) Chloroethane	1.70	64	117506	114.500	ug/l 99
7) Trichlorofluoromethane	1.91	101	288675	104.705	ug/l 98
8) Diethyl Ether	2.18	74	106900	114.797	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	181242	116.252	ug/l 98
10) 1,1-Dichloroethene	2.36	96	181744	116.304	ug/l 100
11) Methyl Iodide	2.50	142	247929	119.851	ug/l 99
12) Methyl Acetate	2.76	43	253007	115.833	ug/l 98
13) Acrolein	2.28	56	191829	706.373	ug/l 97
14) Acrylonitrile	3.13	53	532914	613.454	ug/l 100
15) Acetone	2.44	58	182563	685.943	ug/l 94
16) Carbon Disulfide	2.56	76	495668	121.717	ug/l 98
17) Allyl chloride	2.72	41	310641	131.831	ug/l 95
18) Methylene Chloride	2.84	84	201230	114.654	ug/l 95
19) trans-1,2-Dichloroethene	3.15	96	193240	116.472	ug/l 95
20) Diisopropyl ether	3.84	45	584600	119.369	ug/l 99
21) 1,1-Dichloroethane	3.69	63	339910	120.953	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	218999	114.806	ug/l 99
23) tert-Butyl Alcohol	3.05	59	264636	584.739	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	615612	120.249	ug/l 99
25) Chloroform	5.20	83	346697	113.731	ug/l 99
26) Cyclohexane	5.57	56	306636	119.906	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	264498	111.837	ug/l 100
30) 2-Butanone	4.66	43	777809	590.968	ug/l 99
31) 2,2-Dichloropropane	4.57	77	297912	133.892	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	313680	109.834	ug/l 98
33) Carbon Tetrachloride	5.78	117	271161	108.946	ug/l 99
34) Benzene	6.14	78	781741	109.722	ug/l 99
35) Methacrylonitrile	5.03	41	152546	112.996	ug/l 97
36) 1,2-Dichloroethane	6.18	62	279190	108.833	ug/l 99
37) Trichloroethene	7.20	130	209887	102.567	ug/l 99
38) Methylcyclohexane	7.46	83	330939	111.704	ug/l 98
39) 1,2-Dichloropropane	7.51	63	192936	107.911	ug/l 98
40) Dibromomethane	7.65	93	135857	105.670	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 02:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	274998	114.316	ug/l	99
42) Vinyl Acetate	3.80	43	2588500	598.883	ug/l	99
43) Ethyl Acetate	4.82	43	281464	114.273	ug/l	98
44) Isopropyl Acetate	6.43	43	462025	114.091	ug/l	99
45) 1,4-Dioxane	7.73	88	117590	2303.832	ug/l	97
46) Methyl methacrylate	7.76	41	227131	116.245	ug/l	93
47) n-amyl Acetate	10.89	43	418019	117.685	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	314550	123.317	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	337253	120.885	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	200177	105.657	ug/l	99
51) Ethyl methacrylate	9.17	69	332868	113.049	ug/l	99
52) 1,3-Dichloropropane	9.37	76	336907	109.310	ug/l	100
53) Dibromochloromethane	9.58	129	217137	106.353	ug/l	98
54) 1,2-Dibromoethane	9.67	107	211994	102.786	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	725668	575.604	ug/l	100
56) Bromoform	10.85	173	159331	105.756	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1427597	566.544	ug/l	100
59) 2-Hexanone	9.49	43	1134884	585.184	ug/l	99
61) Tetrachloroethene	9.33	164	189494	97.805	ug/l	94
62) Toluene	8.78	91	838417	107.022	ug/l	100
64) Chlorobenzene	10.14	112	530486	105.799	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	198610	108.310	ug/l	97
66) Ethyl Benzene	10.25	91	972919	110.359	ug/l	100
67) m/p-Xylenes	10.35	106	730468	217.552	ug/l	98
68) o-Xylene	10.70	106	353993	107.447	ug/l	100
69) Styrene	10.71	104	627276	112.840	ug/l	99
70) Isopropylbenzene	11.01	105	941934	107.319	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	309890	109.097	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	372081	157.890	ug/l	82
73) Bromobenzene	11.25	156	229422	99.468	ug/l	94
74) n-propylbenzene	11.35	91	1085258	109.782	ug/l	100
75) 2-Chlorotoluene	11.42	91	658980	111.831	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	819018	110.442	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	113390	139.782	ug/l	92
78) 4-Chlorotoluene	11.51	91	763054	112.375	ug/l	99
79) tert-butylbenzene	11.77	119	791754	110.381	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	825950	110.458	ug/l	97
81) sec-Butylbenzene	11.94	105	945525	111.841	ug/l	100
82) p-Isopropyltoluene	12.06	119	877328	112.558	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	422736	102.790	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	426109	104.767	ug/l	97
85) n-Butylbenzene	12.39	91	739422	111.091	ug/l	98
86) Hexachloroethane	12.59	117	156348	122.977	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	405225	101.626	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	75626	120.478	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	262721	96.586	ug/l	99
90) Hexachlorobutadiene	13.78	225	127881	98.379	ug/l	97
91) Naphthalene	13.83	128	900477	107.028	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	258809	95.348	ug/l	98

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ClientSampleId :

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 17 02:18:04 2019
Response via : Initial Calibration

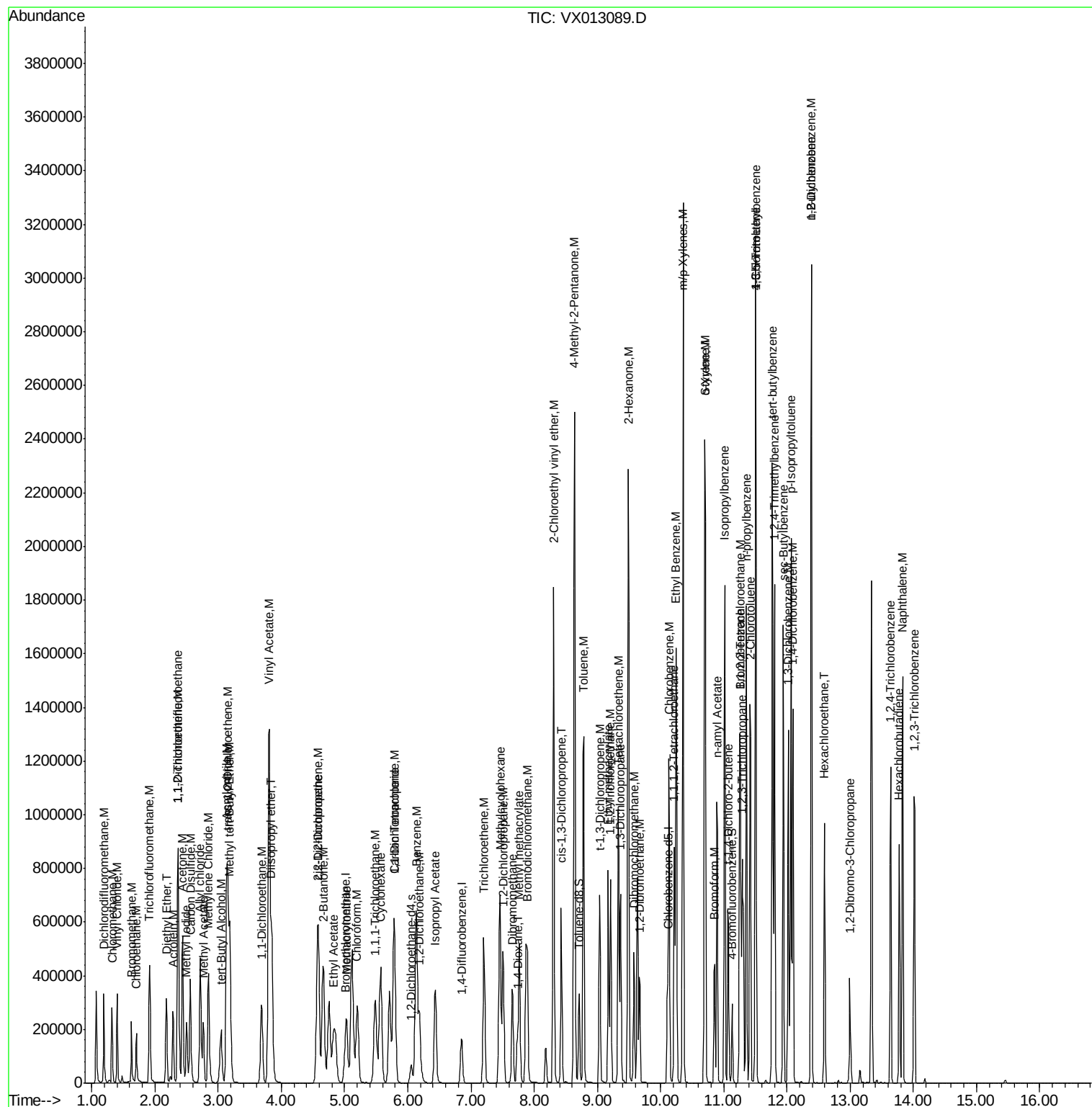
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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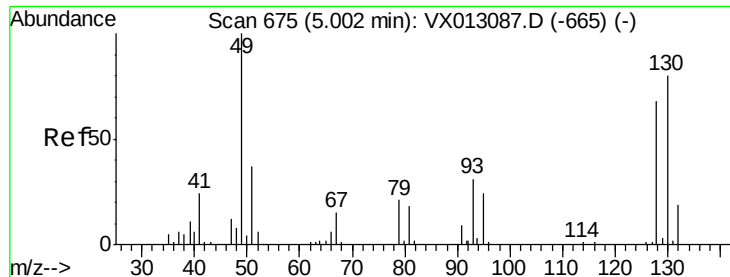
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013089.D
 Acq On : 16 Oct 2019 11:43
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 Misc : 5.0mL/MSVOA X/WATER
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 ClientSampleId :

Quant Time: Oct 17 02:22:31 2019
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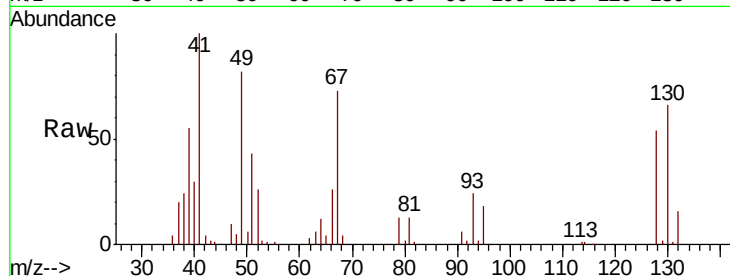




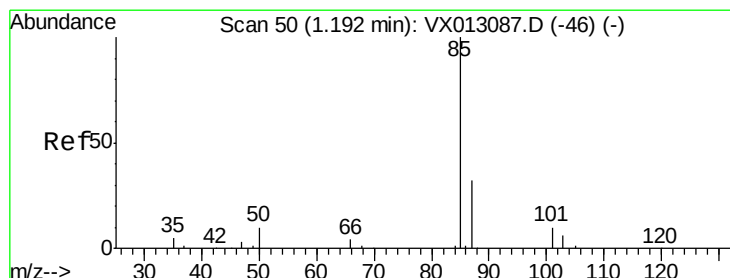
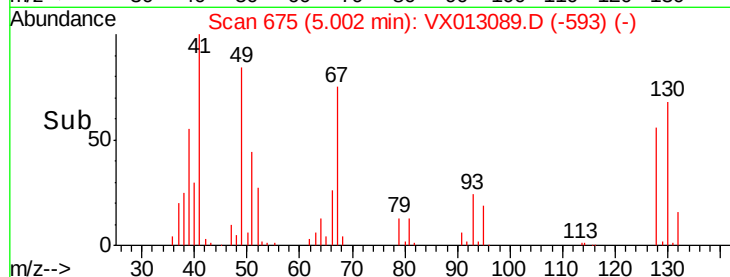
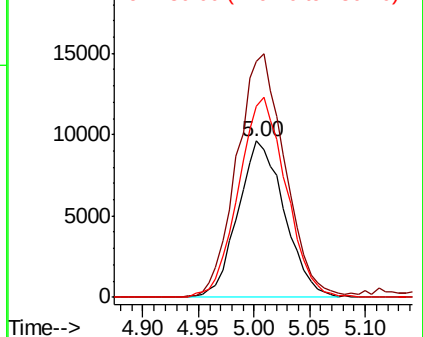
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 27911
Ion Ratio Lower Upper
128 100
49 161.6 0.0 382.3
130 130.8 0.0 321.8

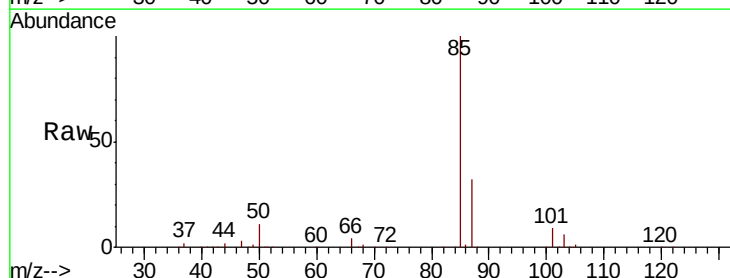


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

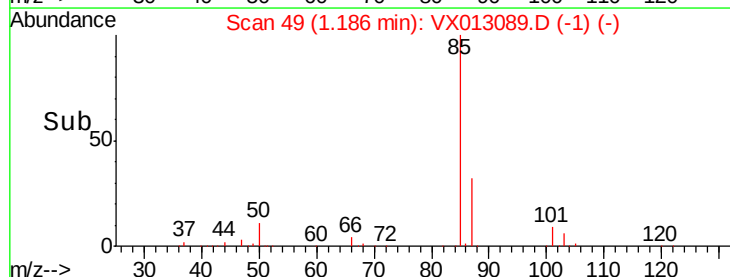
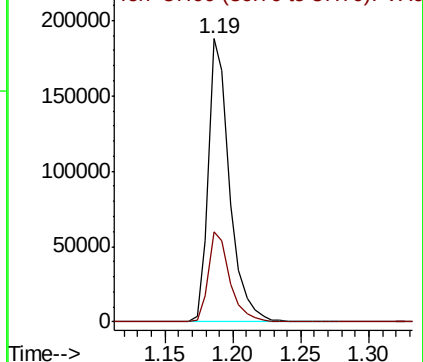


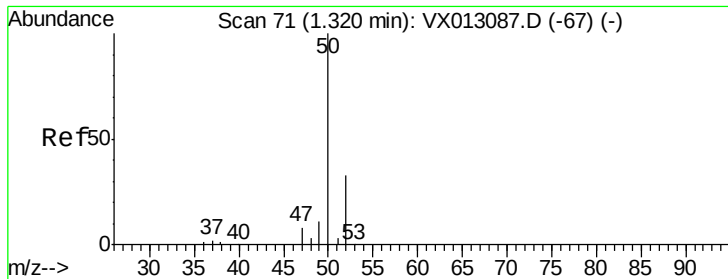
#2
Dichlorodifluoromethane
Concen: 111.288 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 85 Resp: 203203
Ion Ratio Lower Upper
85 100
87 32.0 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: 117.013 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

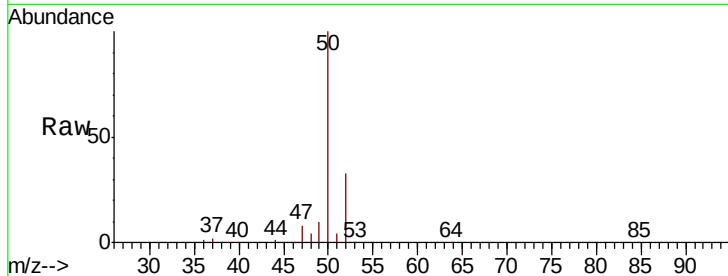
ClientSampleId :

Tot Ion: 50 Resp: 191314

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.32

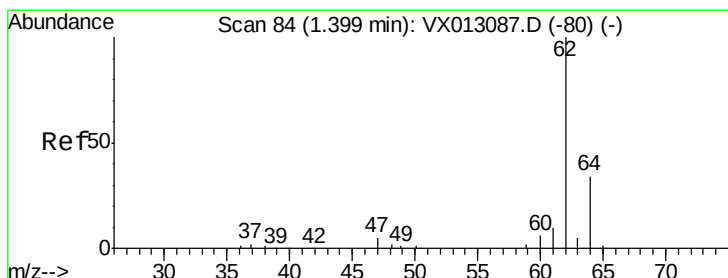
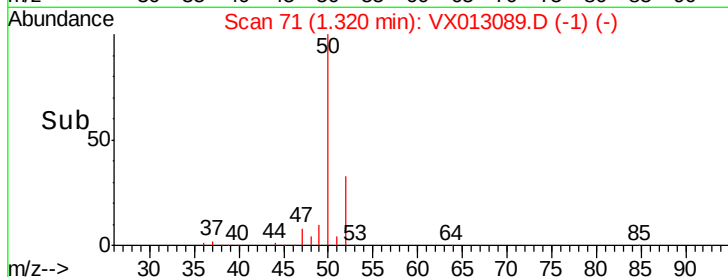
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 119.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013089.D

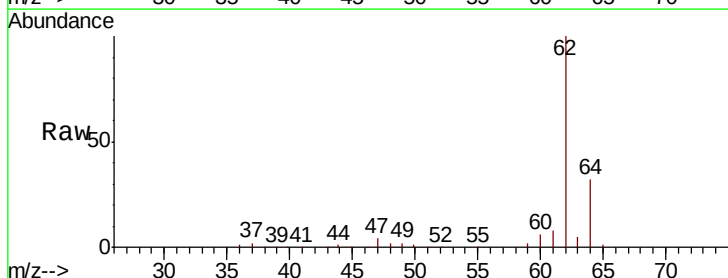
Acq: 16 Oct 2019 11:43

Tgt Ion: 62 Resp: 200853

Ion Ratio Lower Upper

62 100

64 32.3 27.4 41.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.40

200000

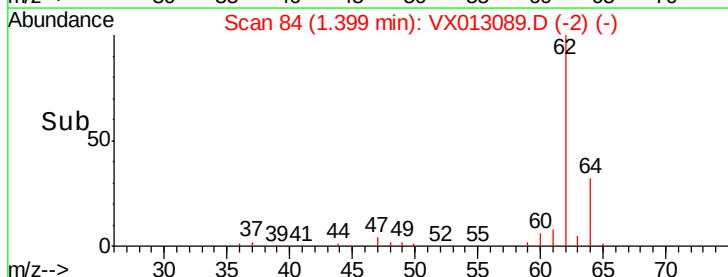
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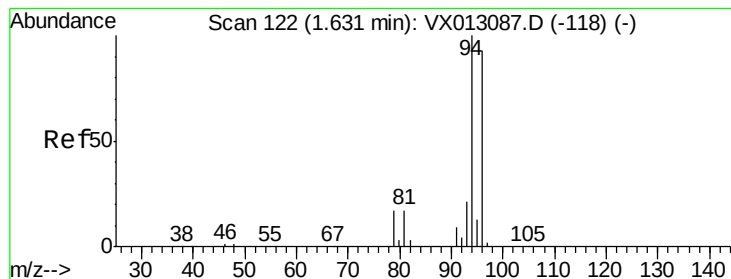
100000

50000

0

Time-->





#5

Bromomethane

Concen: 90.313 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

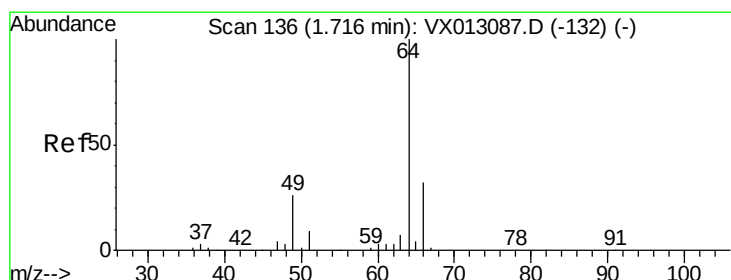
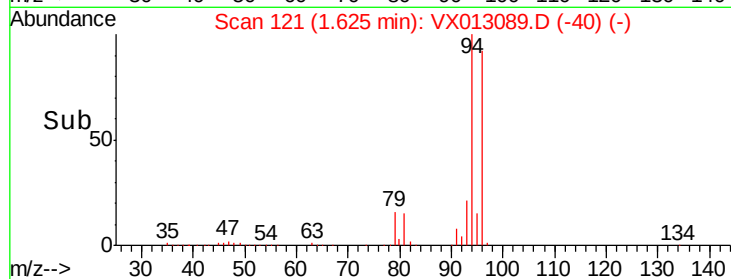
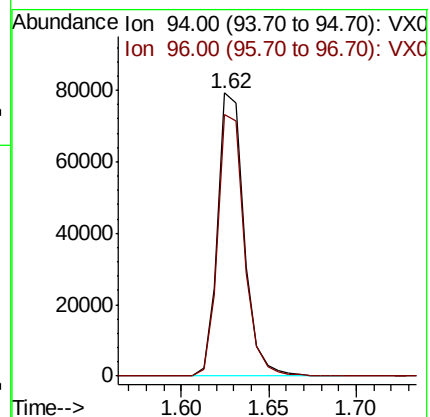
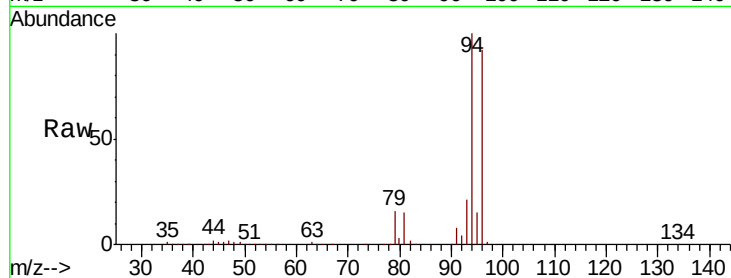
ClientSampleId :

Tot Ion: 94 Resp: 82720

Ion Ratio Lower Upper

94 100

96 92.4 74.2 111.4



#6

Chloroethane

Concen: 114.500 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013089.D

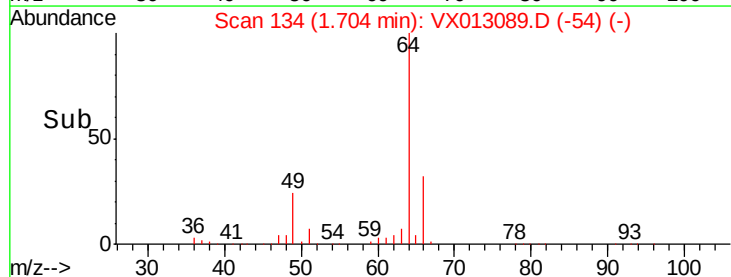
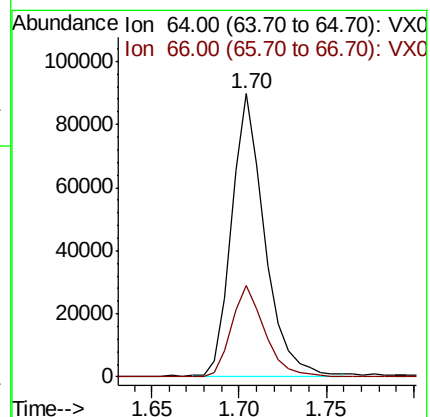
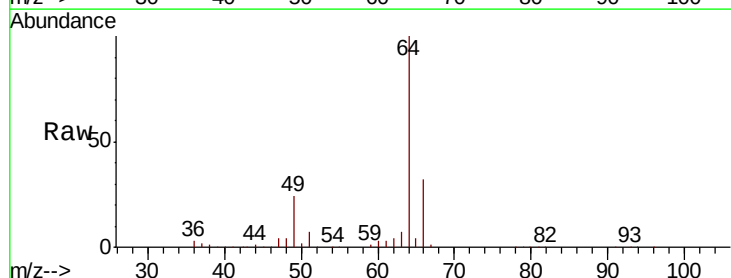
Acq: 16 Oct 2019 11:43

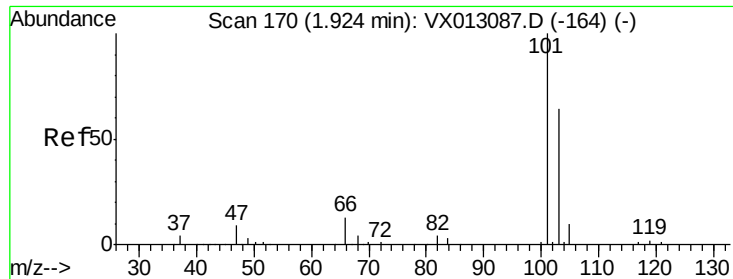
Tgt Ion: 64 Resp: 117506

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



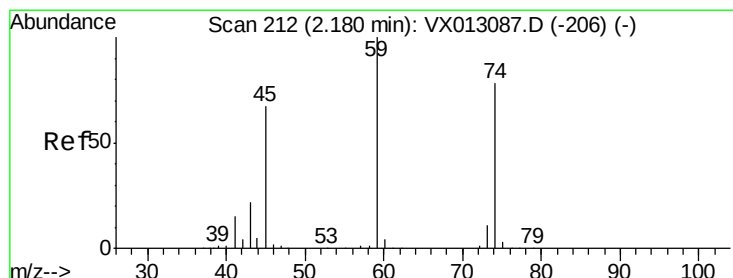
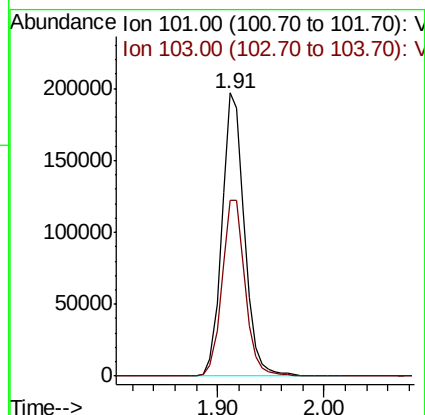
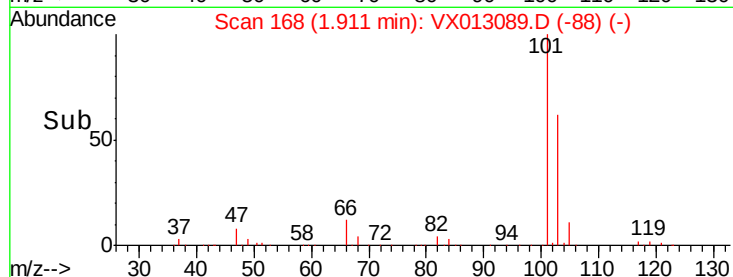
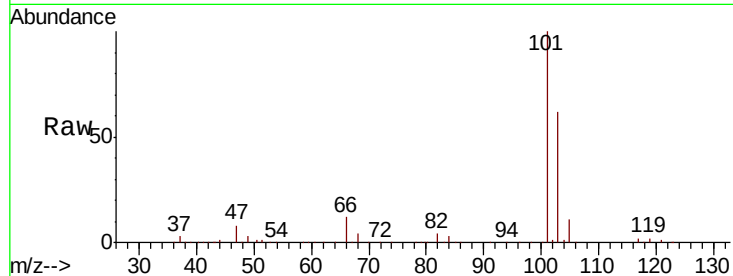


#7

Trichlorofluoromethane
Concen: 104.705 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

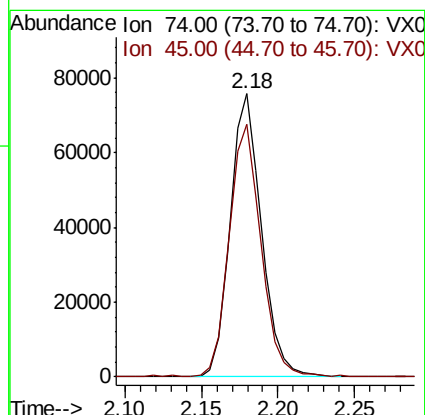
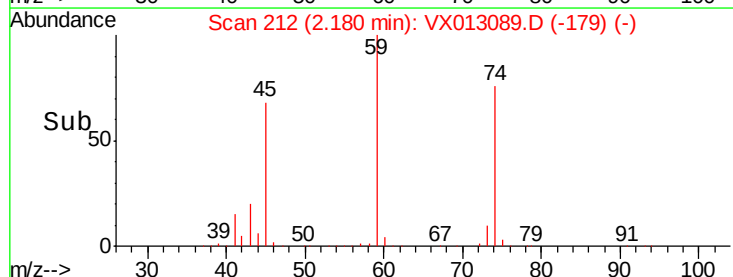
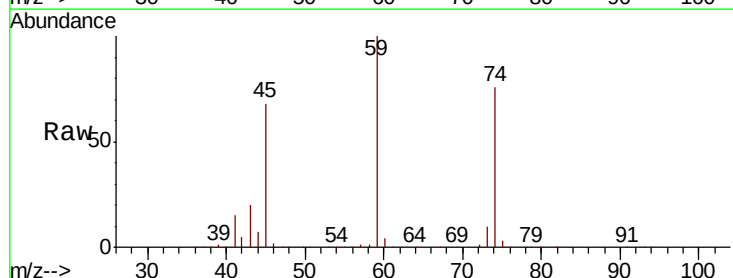
Tot Ion:101 Resp: 288675
Ion Ratio Lower Upper
101 100
103 62.2 50.9 76.3

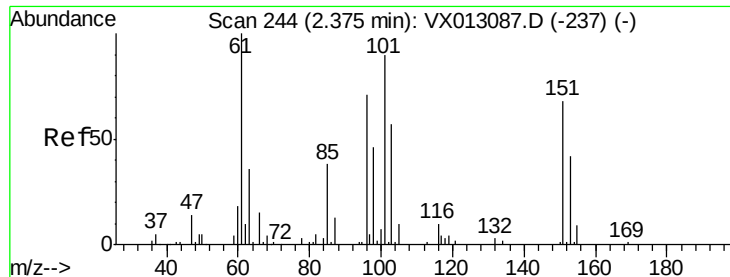


#8

Diethyl Ether
Concen: 114.797 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 74 Resp: 106900
Ion Ratio Lower Upper
74 100
45 90.3 18.2 163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 116.252 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

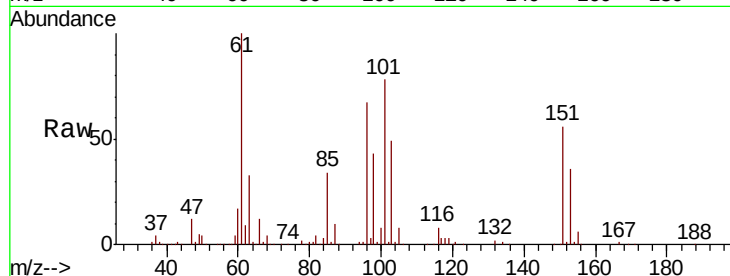
Tot Ion:101 Resp: 181242

Ion Ratio Lower Upper

101 100

85 43.3 0.0 85.2

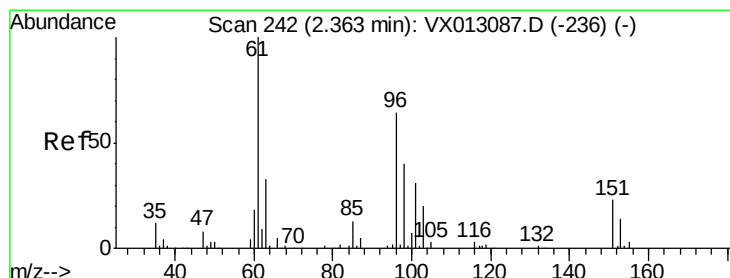
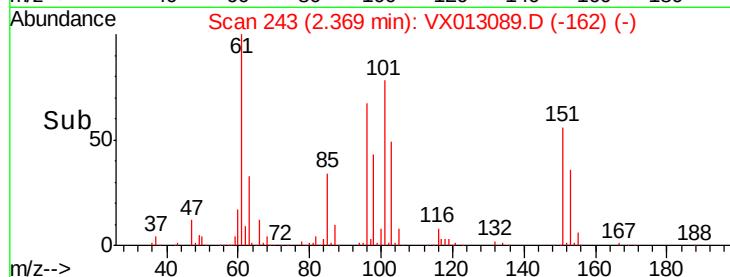
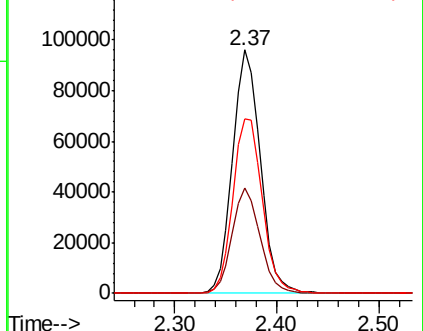
151 75.7 0.0 157.0



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: 116.304 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

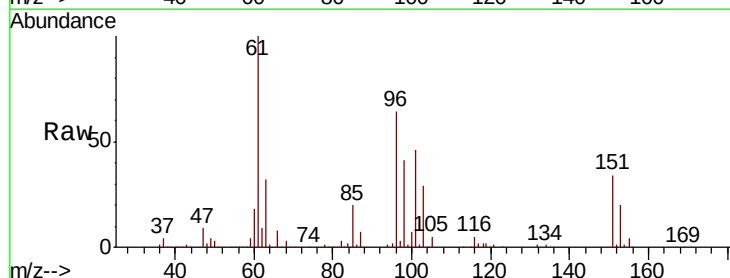
Tgt Ion: 96 Resp: 181744

Ion Ratio Lower Upper

96 100

61 155.5 124.2 186.2

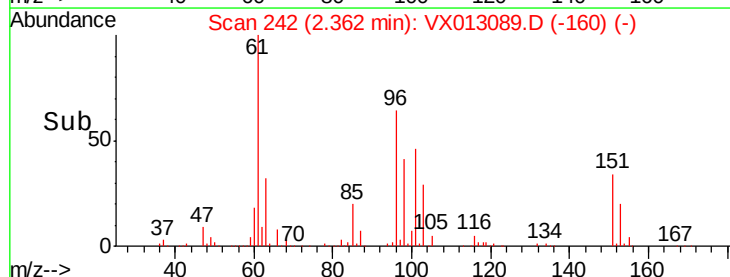
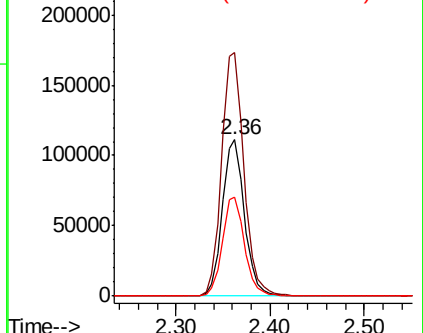
98 63.4 50.2 75.2

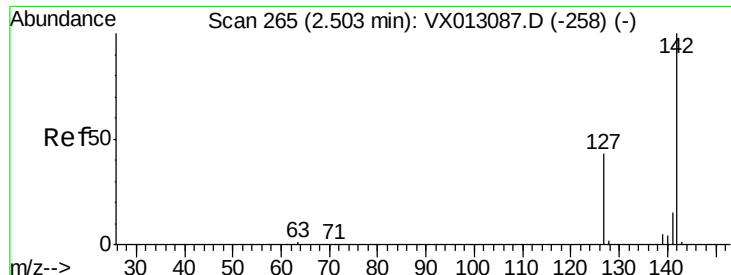


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

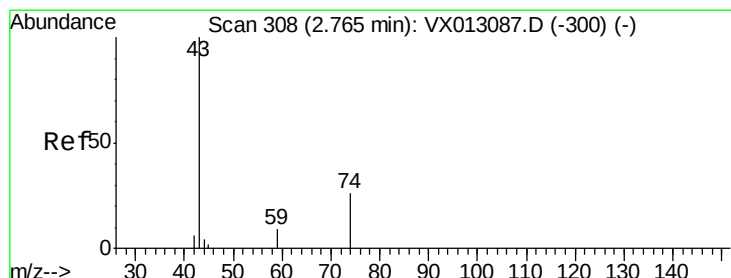
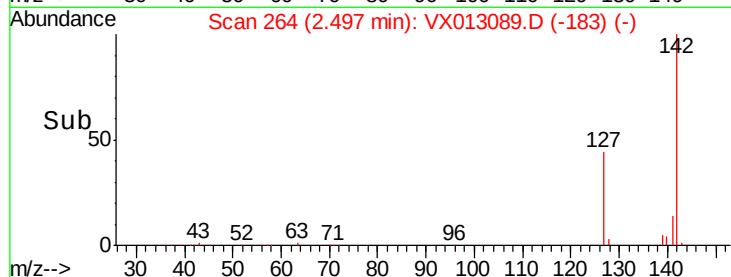
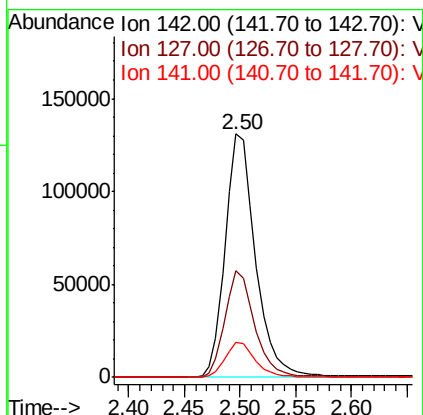
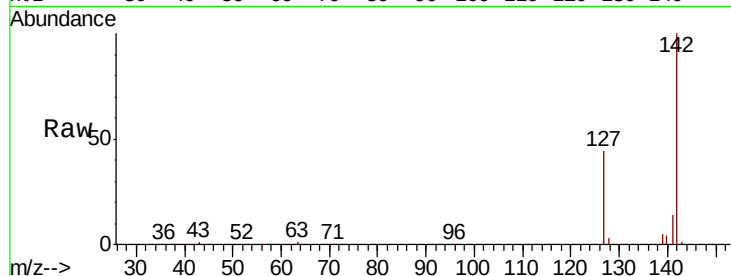




#11
Methyl Iodide
Concen: 119.851 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

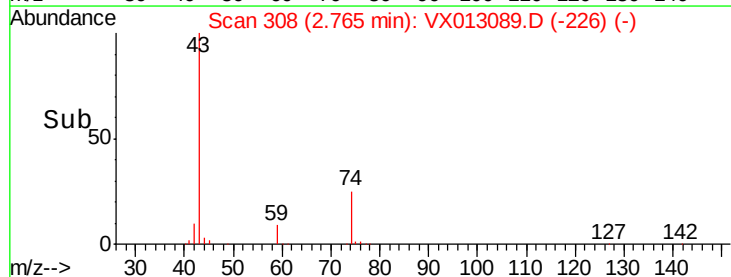
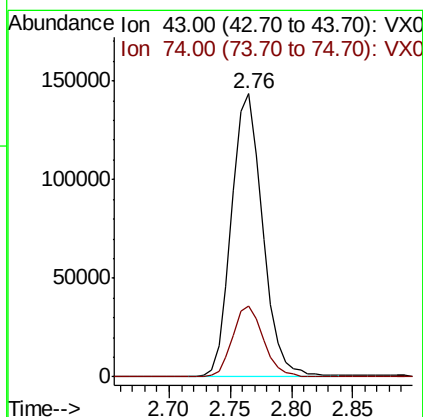
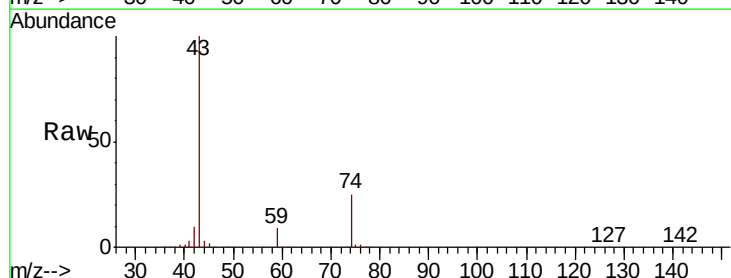
Instrument :
MSVOA_X
ClientSampleId :

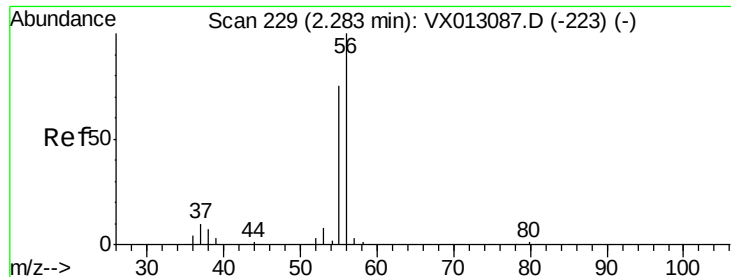
Tot Ion:142 Resp: 247929
Ion Ratio Lower Upper
142 100
127 43.6 21.4 64.2
141 14.2 7.3 21.9



#12
Methyl Acetate
Concen: 115.833 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 43 Resp: 253007
Ion Ratio Lower Upper
43 100
74 25.1 20.9 31.3





#13

Acrolein

Concen: 706.373 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

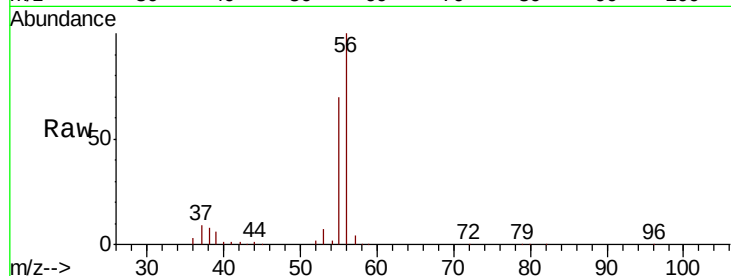
ClientSampled :

Tot Ion: 56 Resp: 191829

Ion Ratio Lower Upper

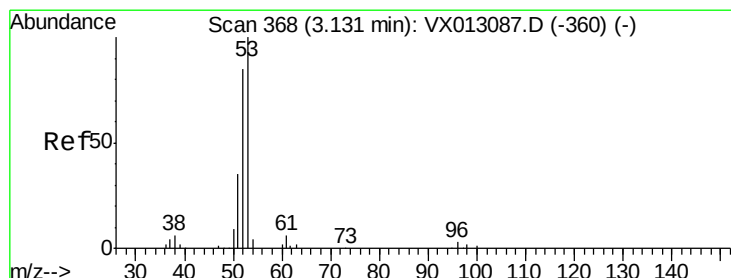
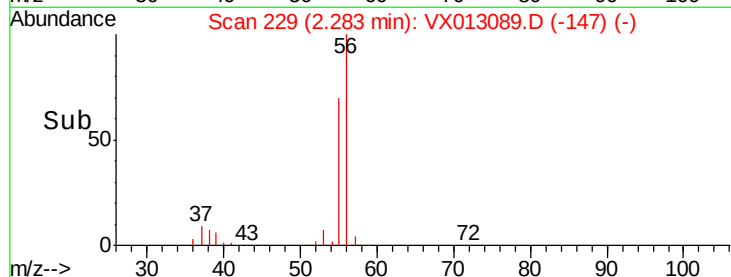
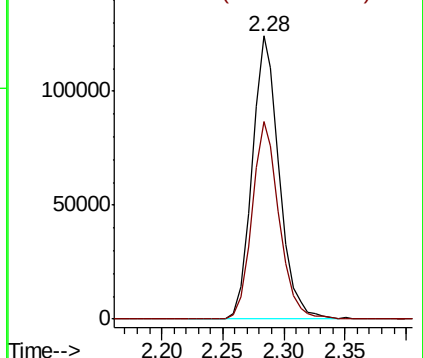
56 100

55 70.1 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 613.454 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

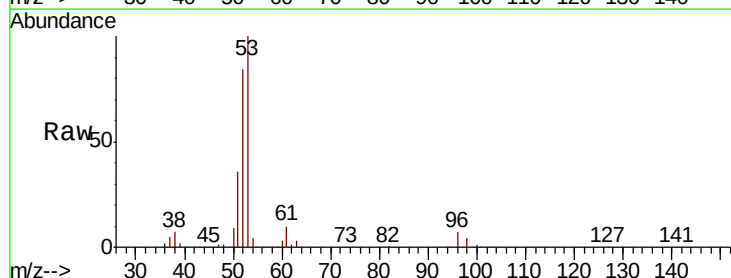
Tgt Ion: 53 Resp: 532914

Ion Ratio Lower Upper

53 100

52 82.5 41.4 124.2

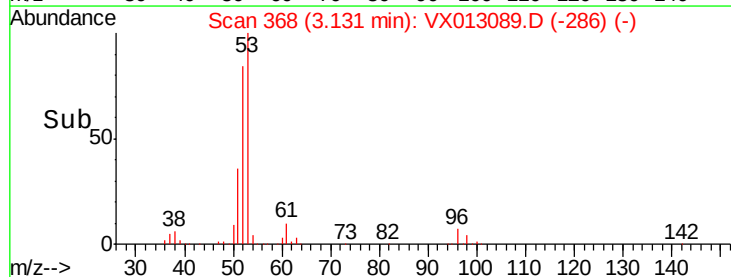
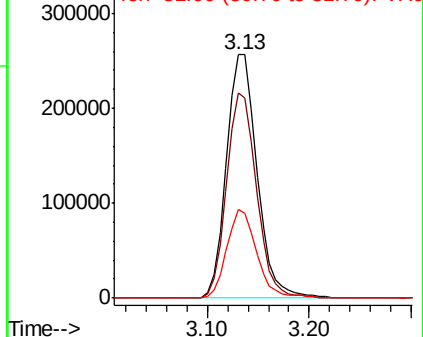
51 35.8 18.1 54.4

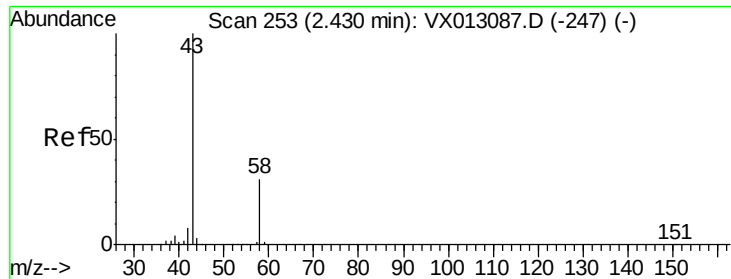


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 685.943 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

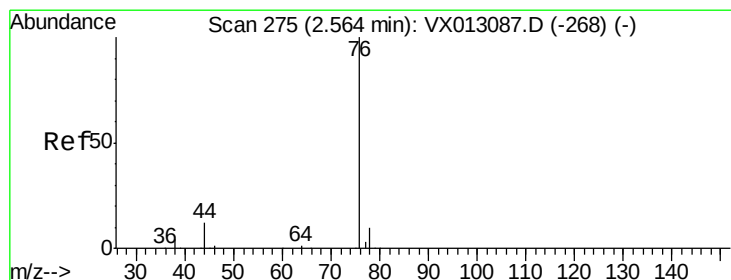
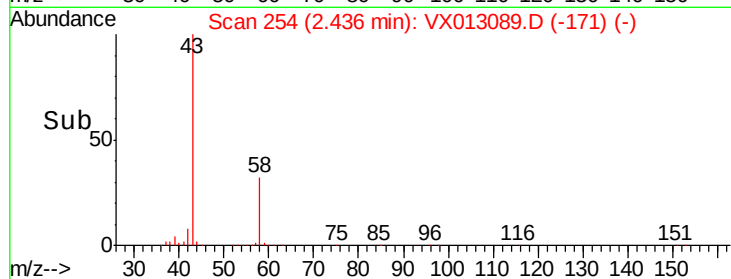
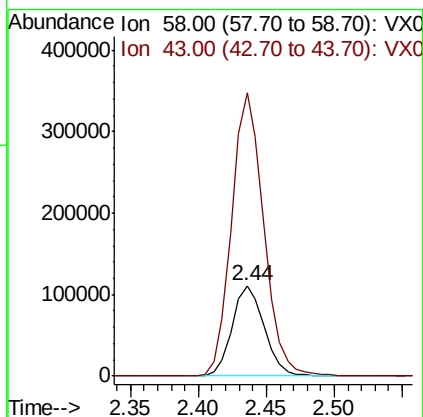
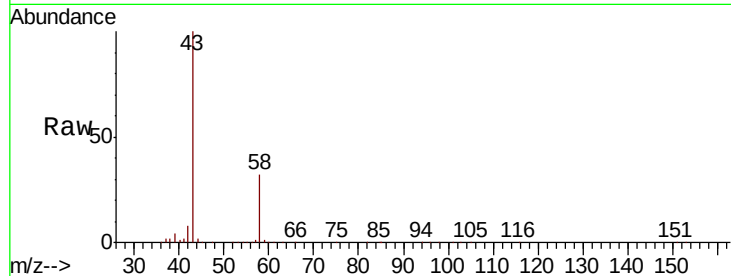
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 182563

Ion Ratio Lower Upper

58 100

43 312.7 259.5 389.3



#16

Carbon Disulfide

Concen: 121.717 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013089.D

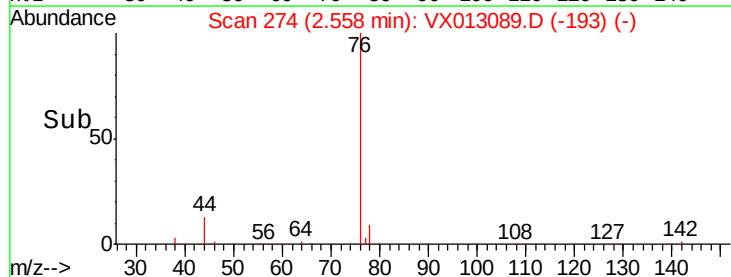
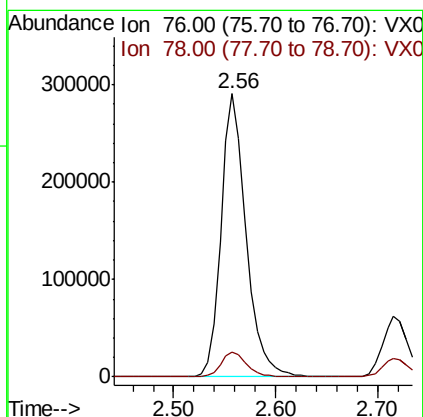
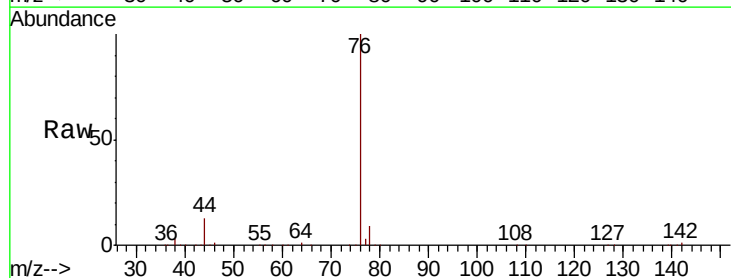
Acq: 16 Oct 2019 11:43

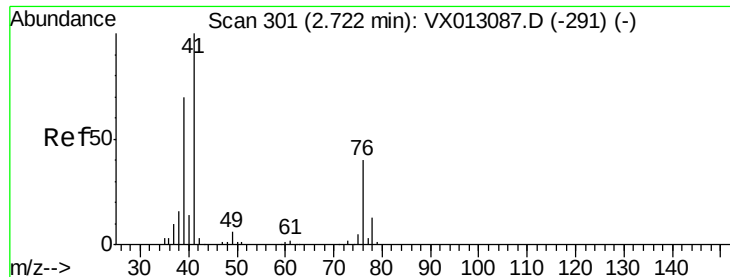
Tgt Ion: 76 Resp: 495668

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6

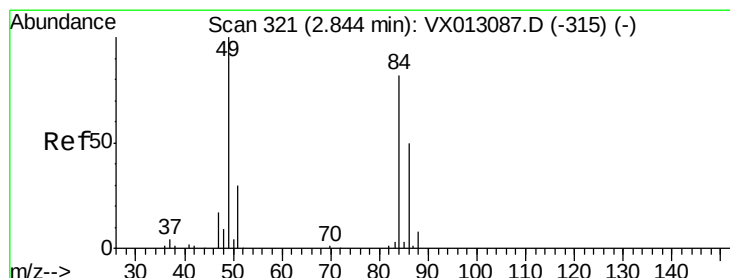
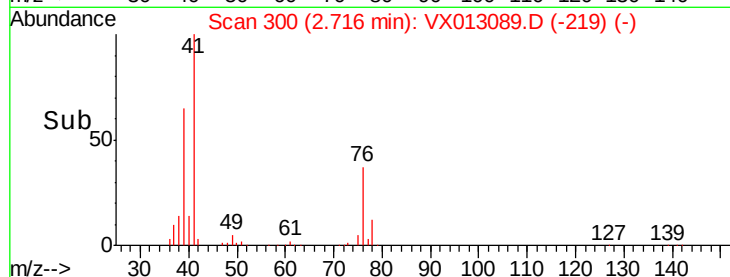
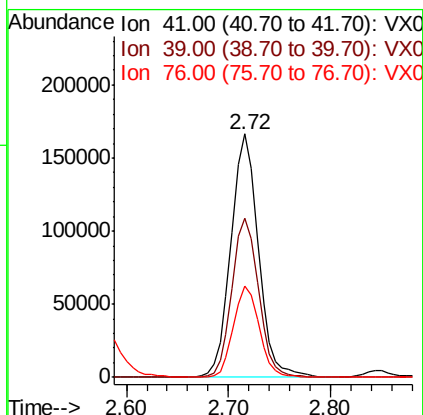
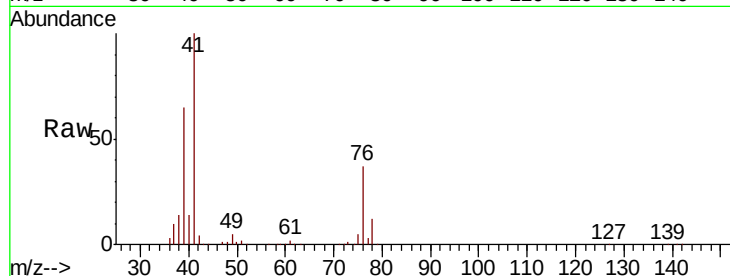




#17
Allvl chloride
Concen: 131.831 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

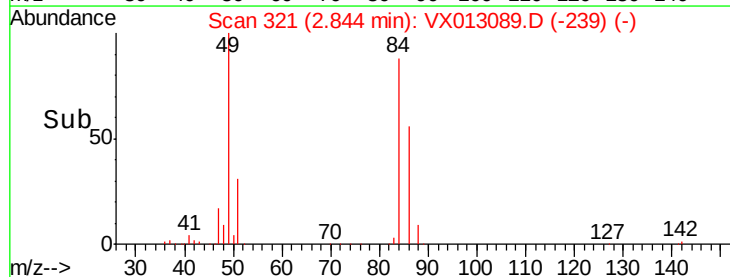
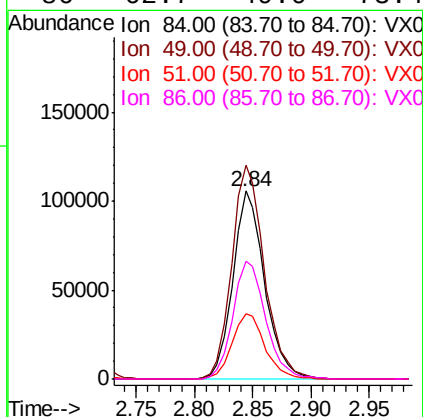
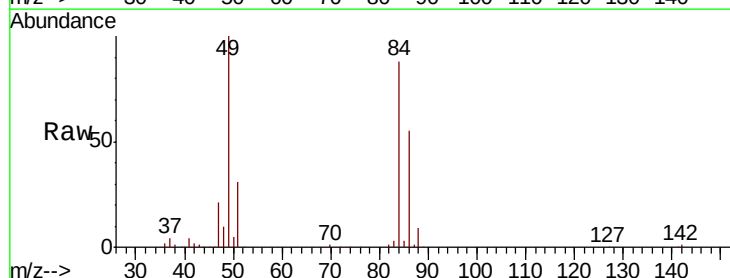
Instrument :
MSVOA_X
ClientSampleId :

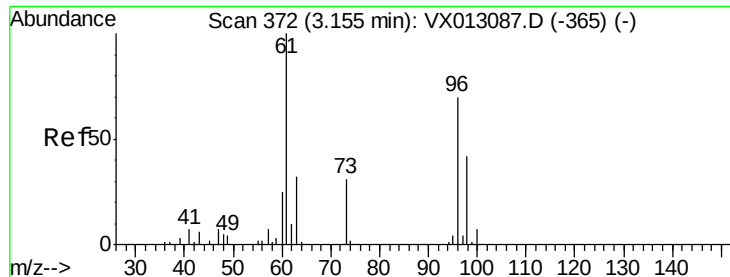
Tot Ion: 41 Resp: 310641
Ion Ratio Lower Upper
41 100
39 65.3 34.8 104.5
76 37.2 20.2 60.5



#18
Methylene Chloride
Concen: 114.654 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 84 Resp: 201230
Ion Ratio Lower Upper
84 100
49 113.6 97.8 146.6
51 35.0 29.2 43.8
86 62.7 49.0 73.4

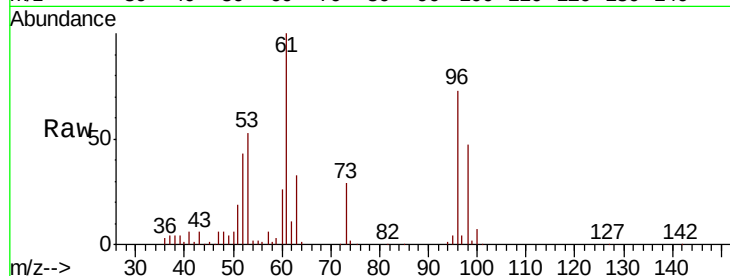




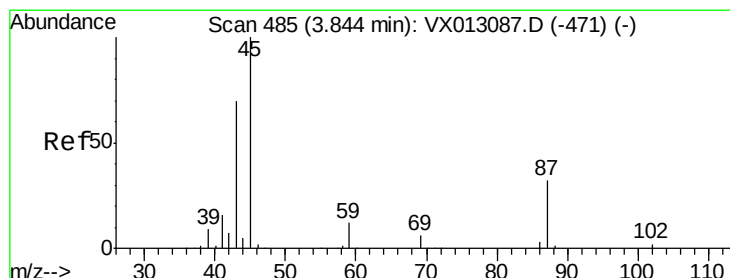
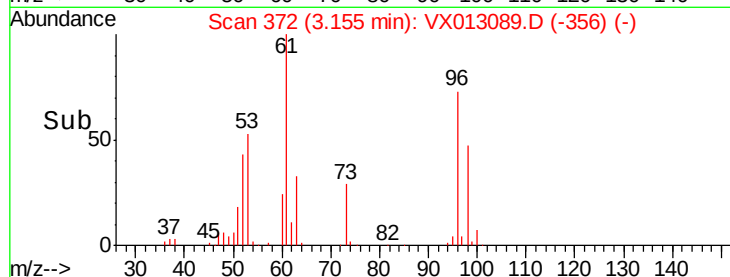
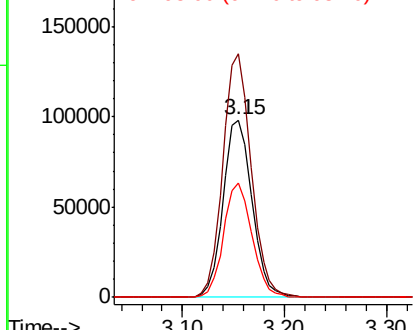
#19
trans-1,2-Dichloroethene
Concen: 116.472 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 193240
Ion Ratio Lower Upper
96 100
61 137.1 113.9 170.9
98 64.2 48.1 72.1

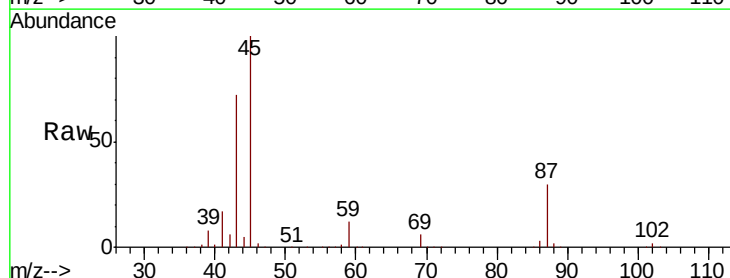


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

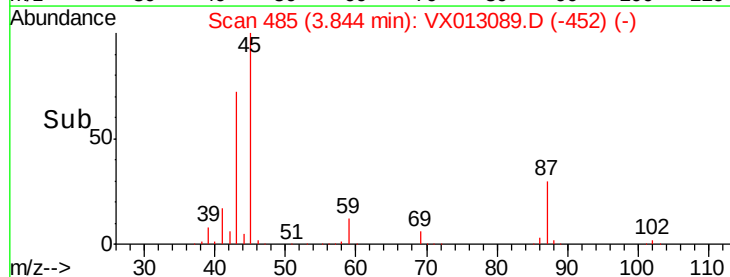
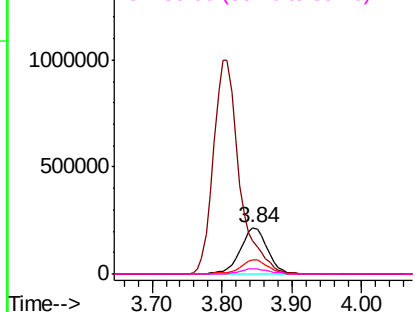


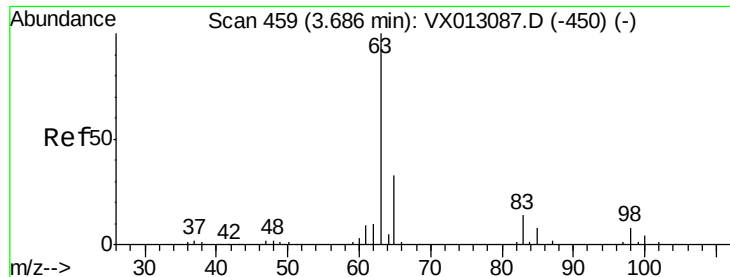
#20
Diisopropyl ether
Concen: 119.369 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 45 Resp: 584600
Ion Ratio Lower Upper
45 100
43 71.5 57.5 86.3
87 29.8 25.3 37.9
59 11.8 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: 120.953 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

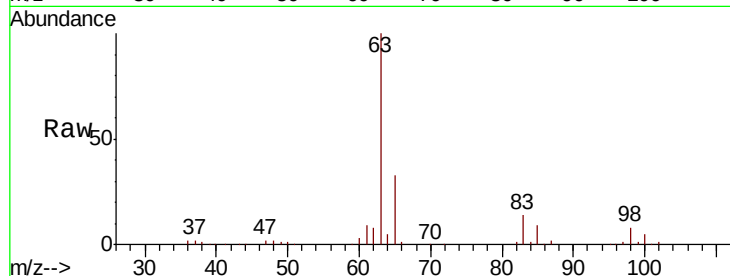
Tot Ion: 63 Resp: 339910

Ion Ratio Lower Upper

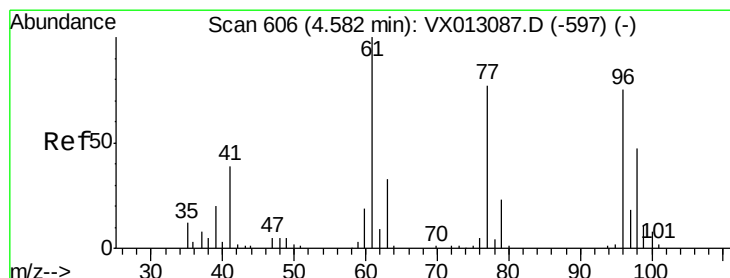
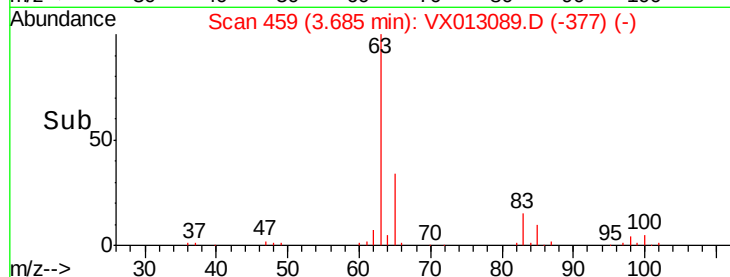
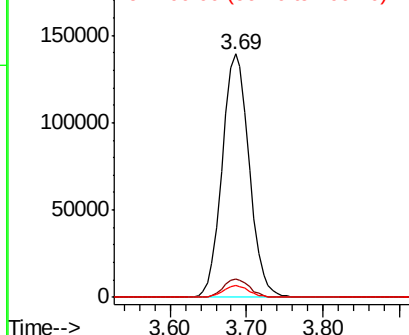
63 100

98 7.7 3.8 11.4

100 5.1 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: 114.806 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

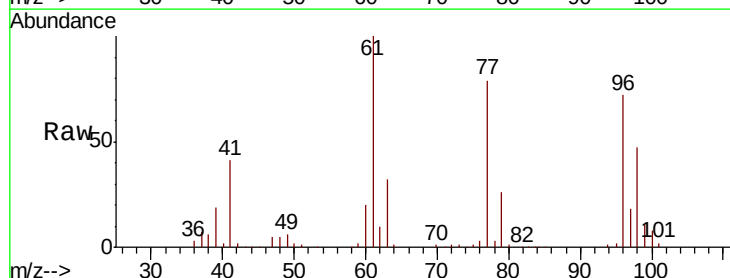
Tgt Ion: 96 Resp: 218999

Ion Ratio Lower Upper

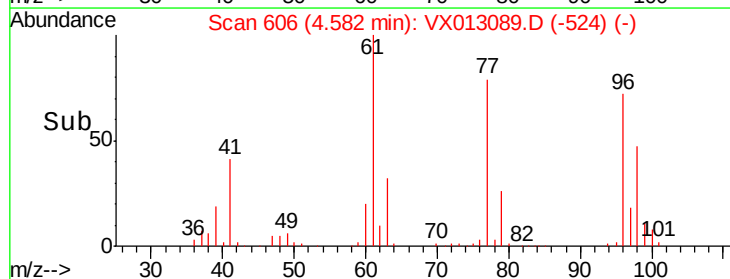
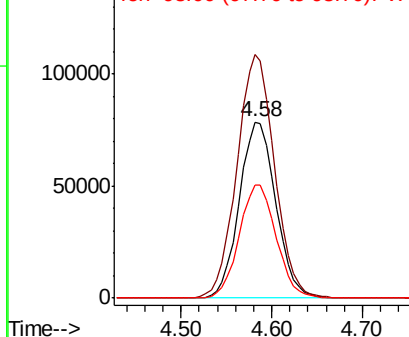
96 100

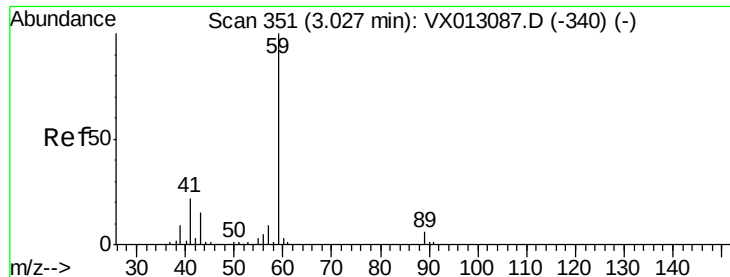
61 142.6 115.0 172.4

98 64.8 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



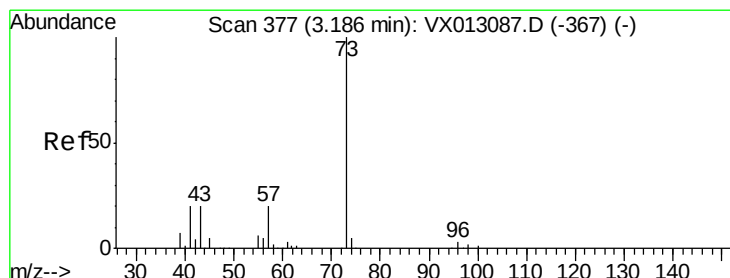
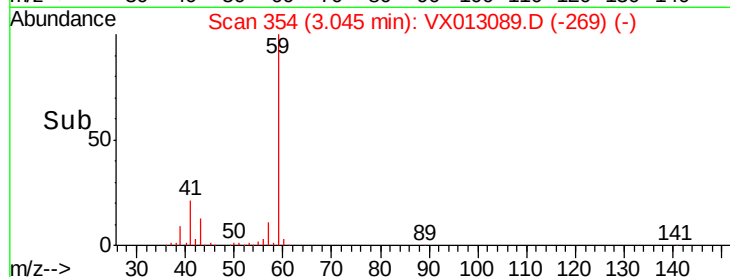
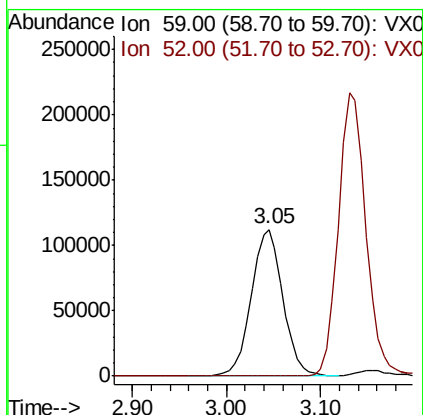
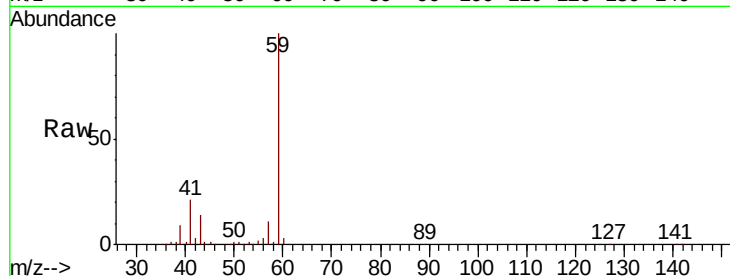


#23

tert-Butyl Alcohol
 Concen: 584.739 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.02 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

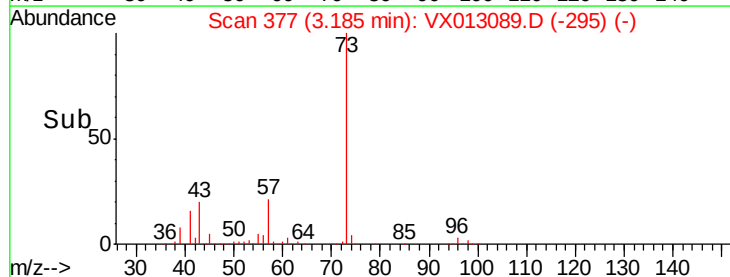
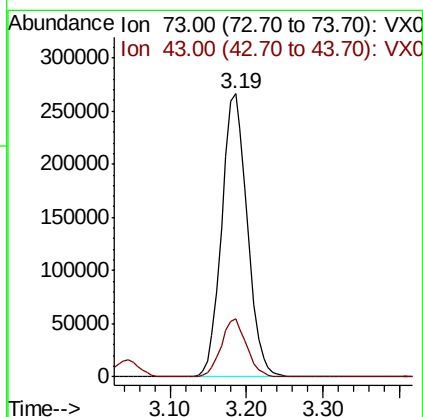
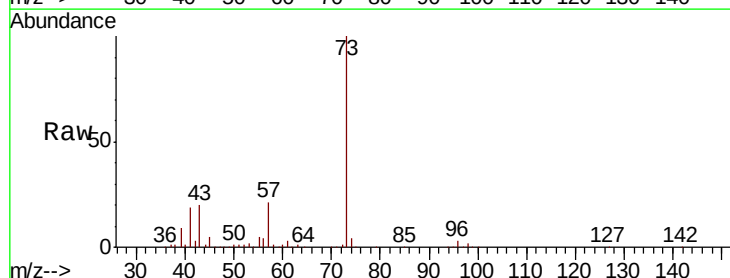
Tot Ion: 59 Resp: 264636
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

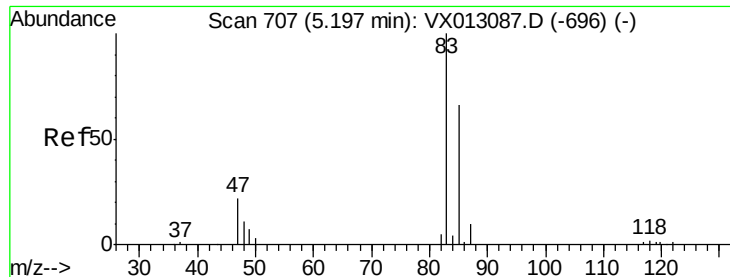


#24

Methyl tert-Butyl Ether
 Concen: 120.249 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion: 73 Resp: 615612
 Ion Ratio Lower Upper
 73 100
 43 20.3 15.8 23.8





#25

Chloroform

Concen: 113.731 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

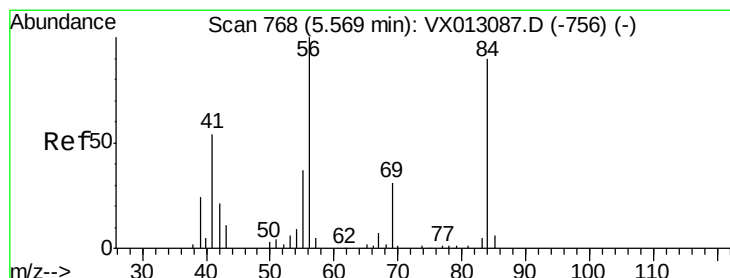
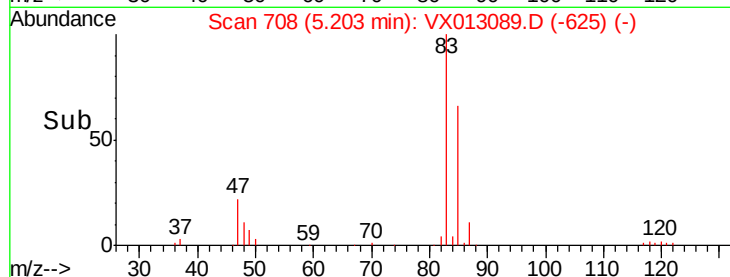
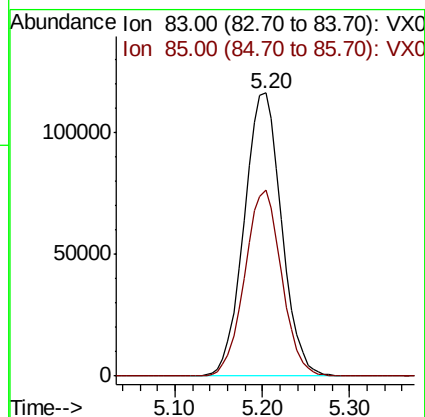
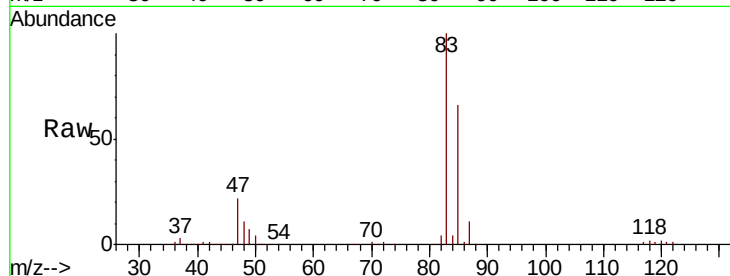
ClientSampled :

Tot Ion: 83 Resp: 346697

Ion Ratio Lower Upper

83 100

85 65.6 53.0 79.6



#26

Cyclohexane

Concen: 119.906 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

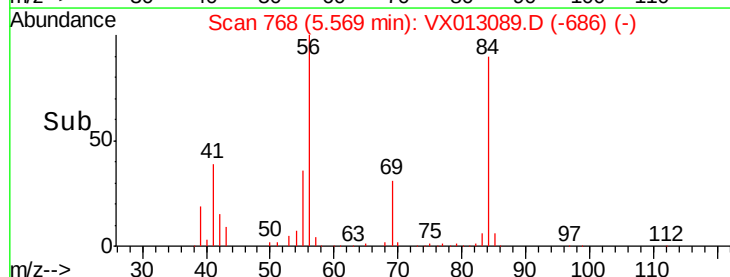
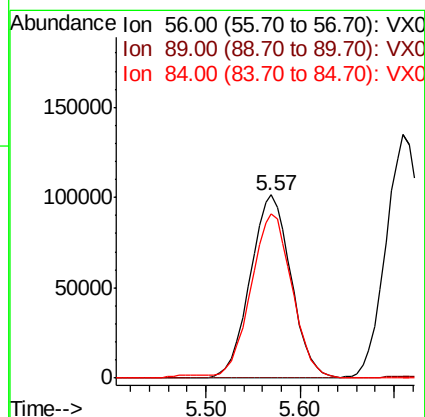
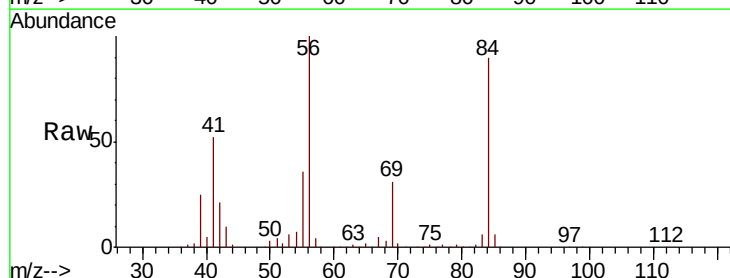
Tgt Ion: 56 Resp: 306636

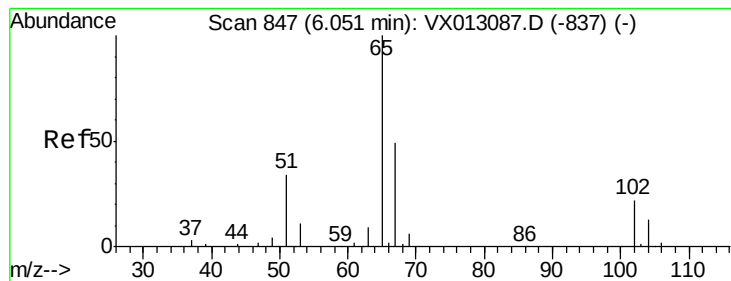
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.7 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 33.848 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

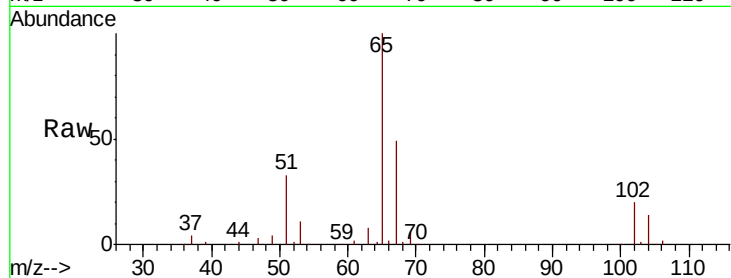
ClientSampled :

Tot Ion: 65 Resp: 65879

Ion Ratio Lower Upper

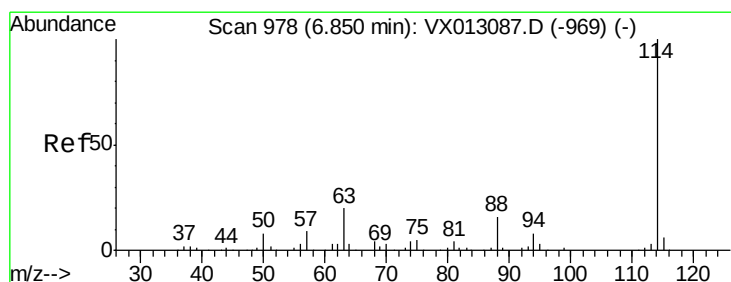
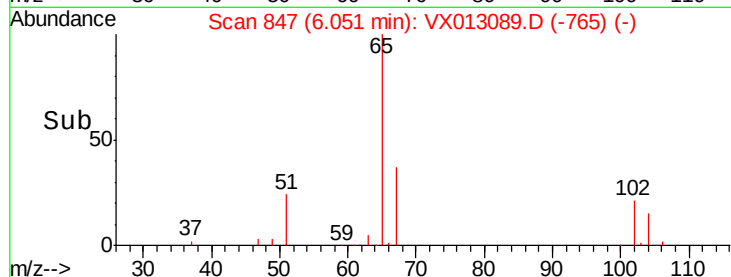
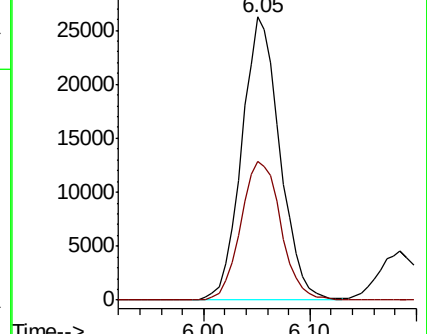
65 100

67 51.6 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: VX013089.D

Acq: 16 Oct 2019 11:43

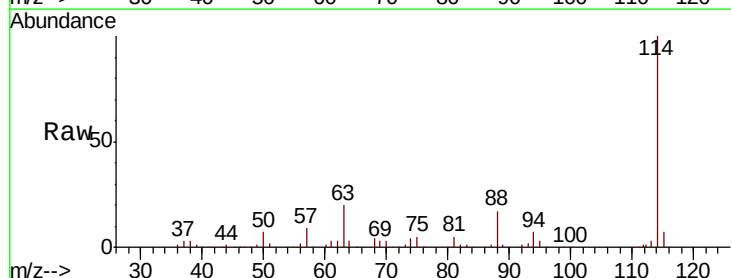
Tgt Ion: 114 Resp: 166280

Ion Ratio Lower Upper

114 100

63 20.3 16.5 24.7

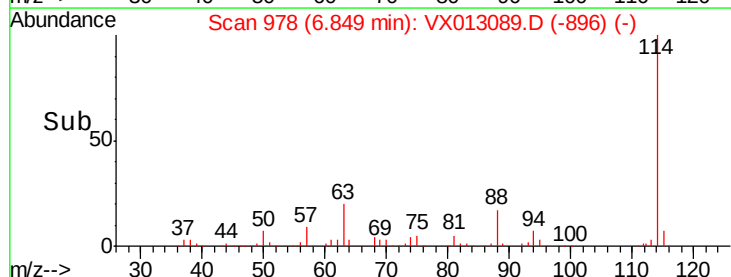
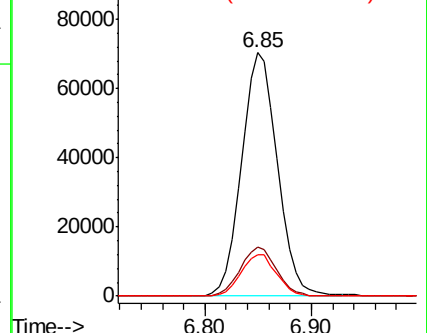
88 17.1 13.6 20.4

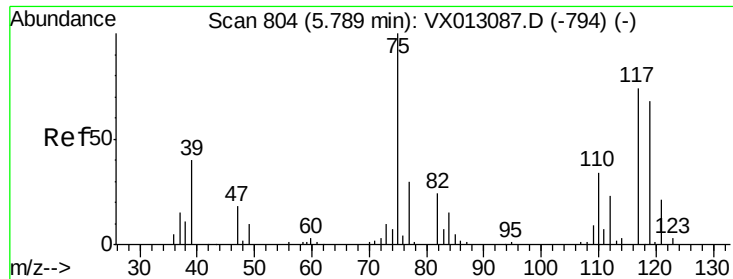


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

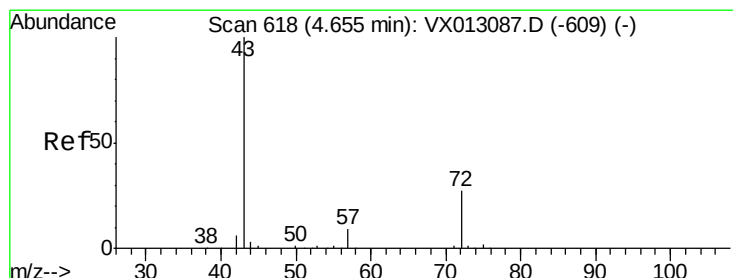
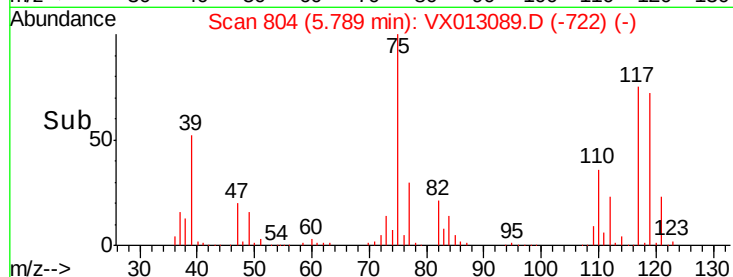
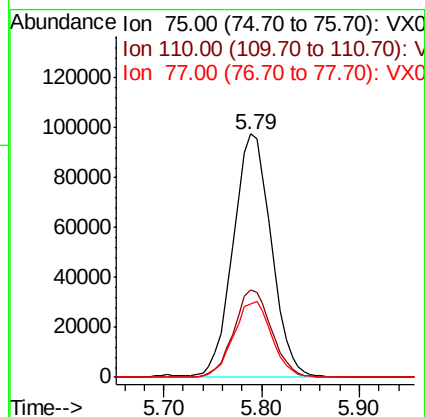
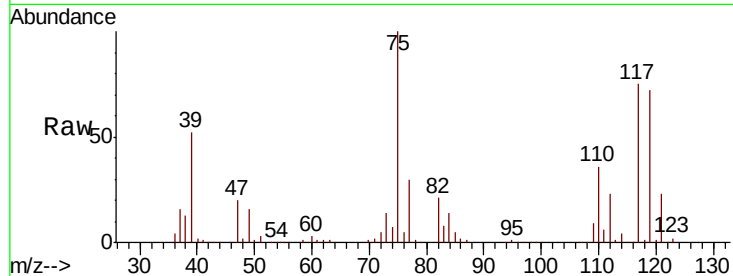




#29
 1,1-Dichloropropene
 Concen: 111.837 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

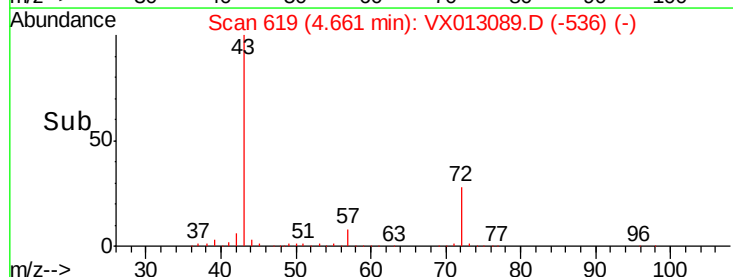
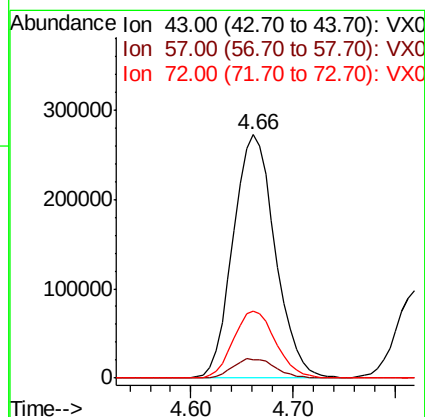
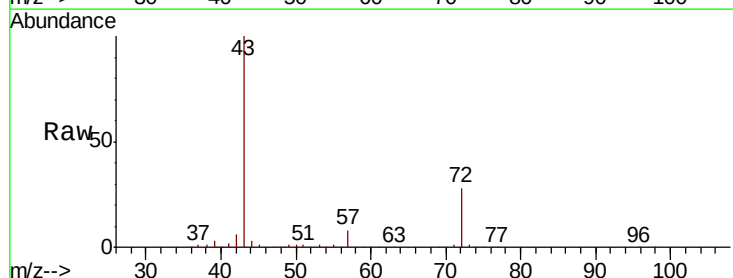
Instrument :
 MSVOA_X
 ClientSampleId :

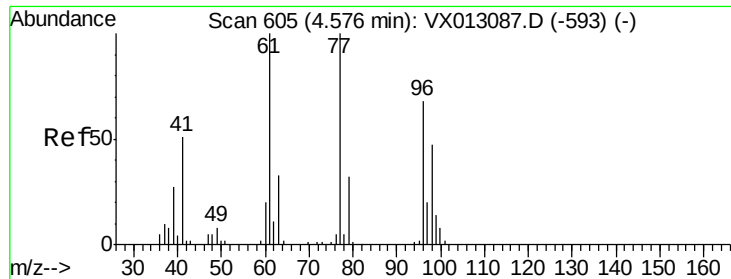
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	72.2
77	31.2	0.0	62.8



#30
 2-Butanone
 Concen: 590.968 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.9	10.3
72	27.9	22.1	33.1





#31

2,2-Dichloropropane

Concen: 133.892 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

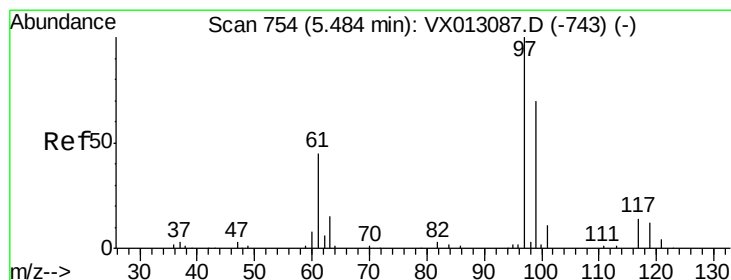
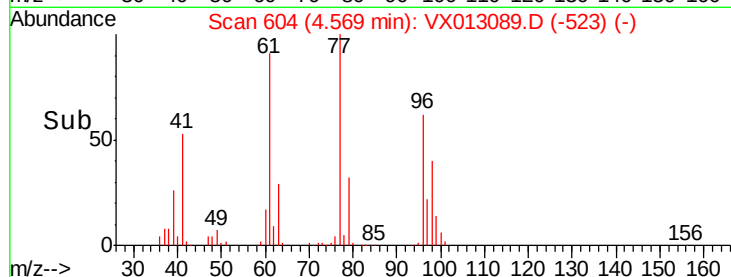
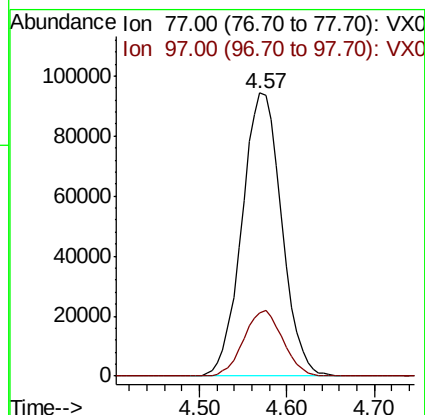
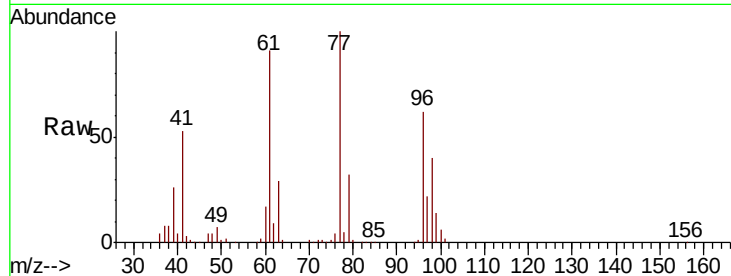
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 297912

Ion Ratio Lower Upper

77 100

97 22.9 17.8 26.6



#32

1,1,1-Trichloroethane

Concen: 109.834 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

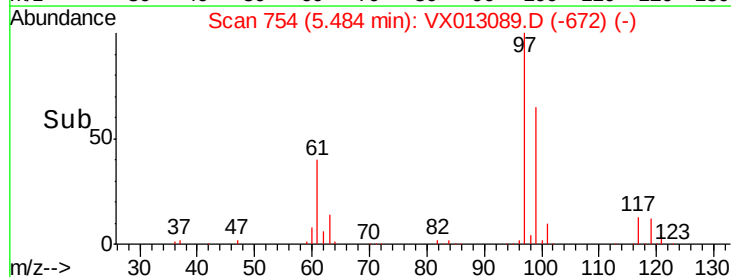
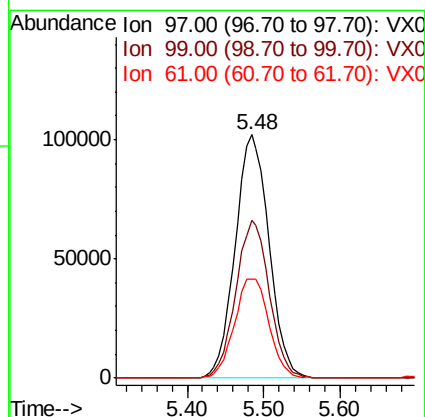
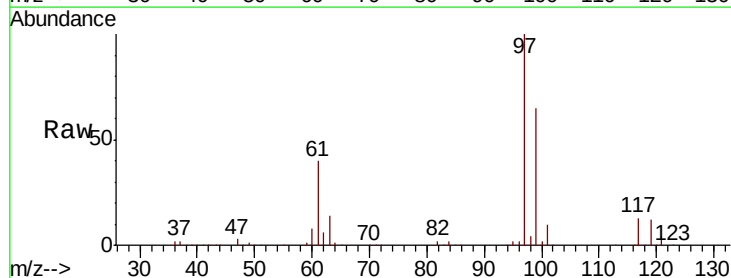
Tgt Ion: 97 Resp: 313680

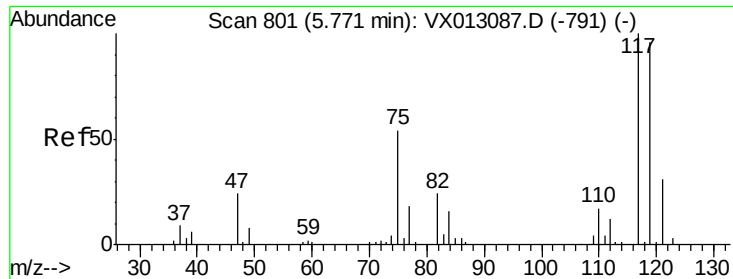
Ion Ratio Lower Upper

97 100

99 64.0 52.4 78.6

61 41.7 35.1 52.7

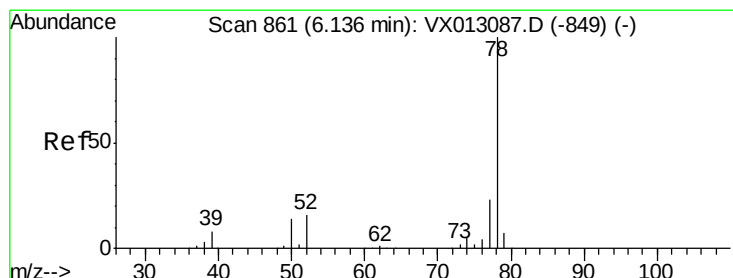
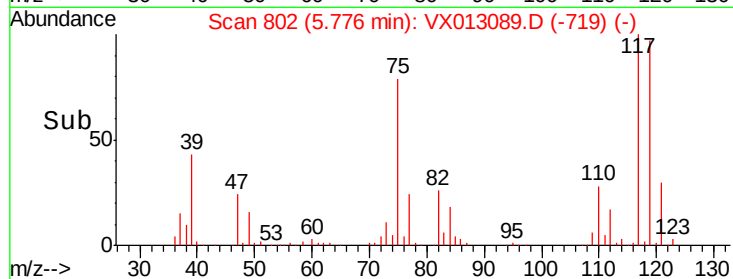
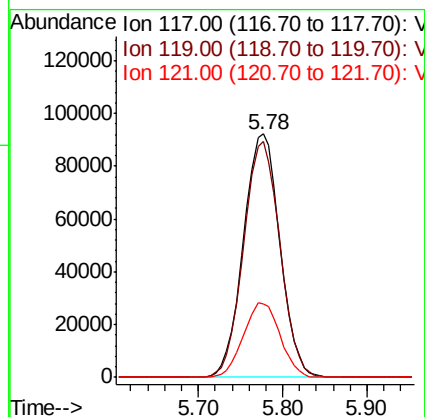
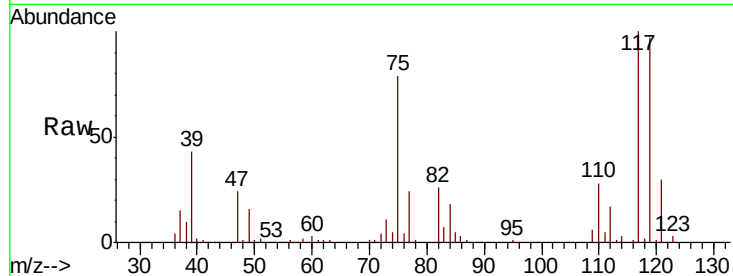




#33
Carbon Tetrachloride
Concen: 108.946 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

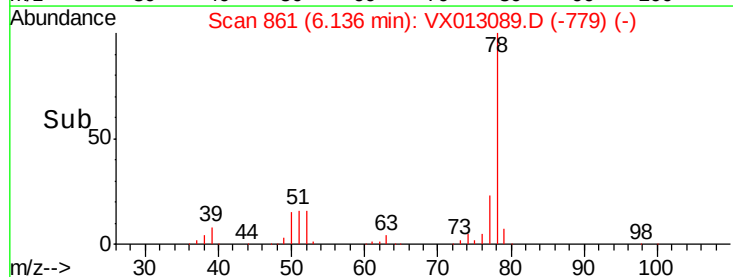
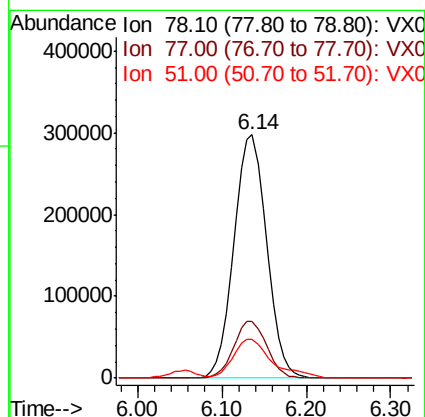
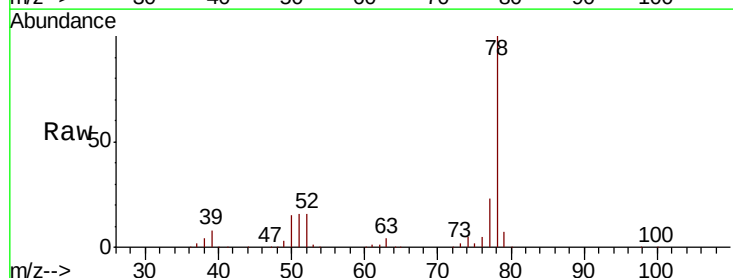
Instrument :
MSVOA_X
ClientSampleId :

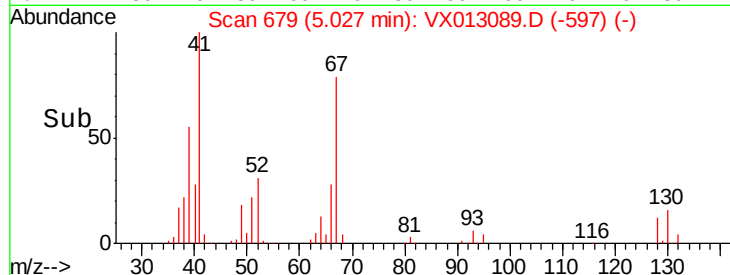
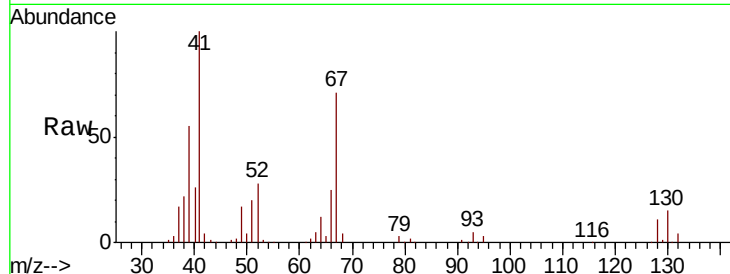
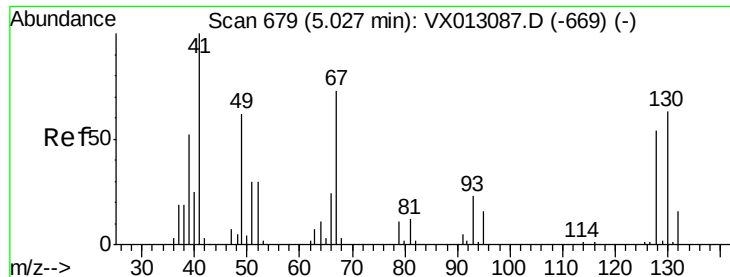
Tot Ion:117 Resp: 271161
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.4
121 30.4 24.6 36.8



#34
Benzene
Concen: 109.722 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

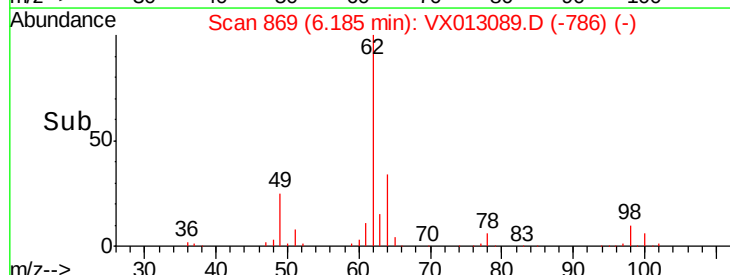
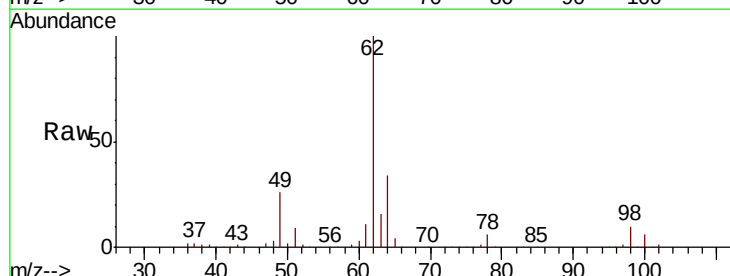
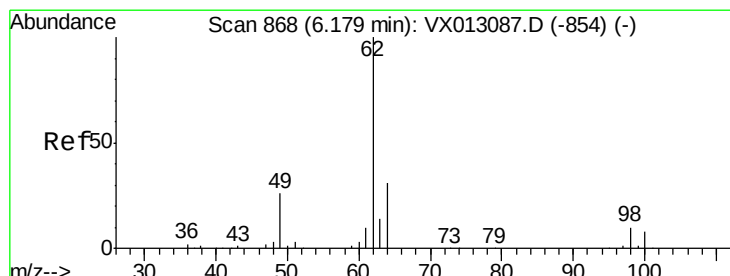
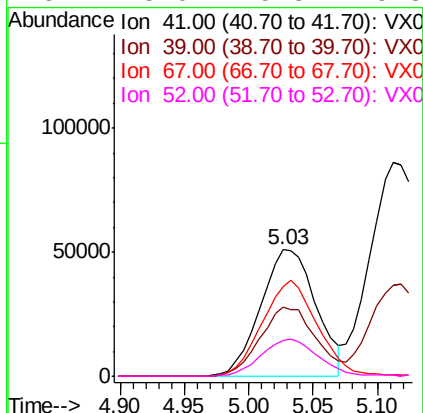
Tgt Ion: 78 Resp: 781741
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7
51 15.8 12.1 18.1





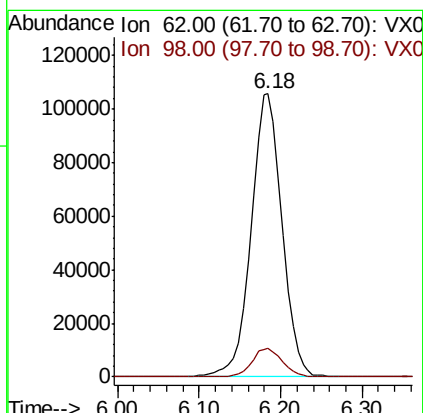
#35
Methacrylonitrile
Concen: 112.996 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

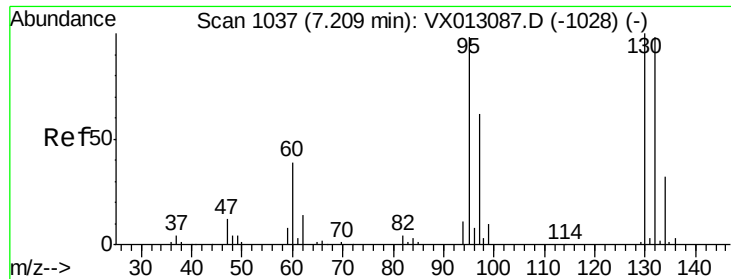
Tot Ion: 41 Resp: 152546
Ion Ratio Lower Upper
41 100
39 54.6 26.3 78.8
67 71.2 36.5 109.5
52 28.0 15.3 45.8



#36
1,2-Dichloroethane
Concen: 108.833 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 62 Resp: 279190
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.6

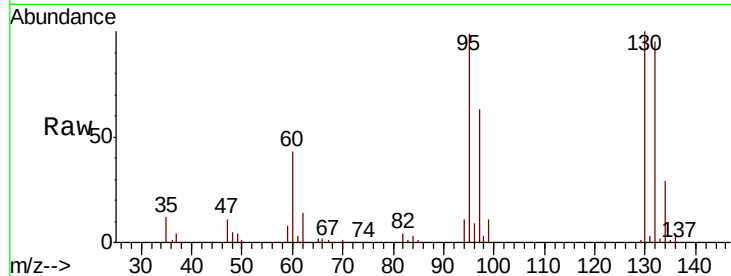




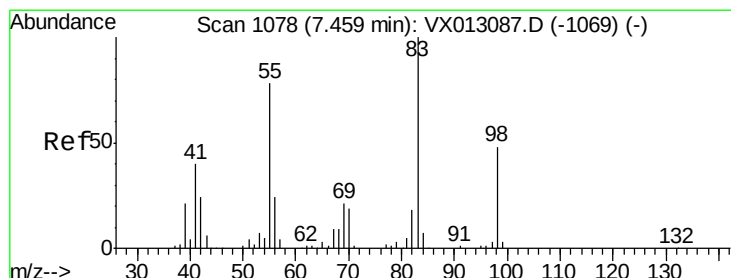
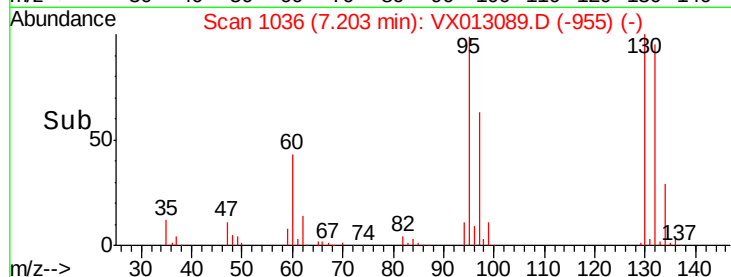
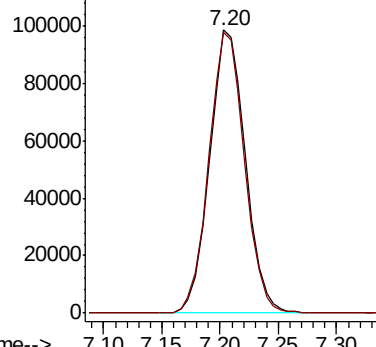
#37
 Trichloroethene
 Concen: 102.567 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 209887
 Ion Ratio Lower Upper
 130 100
 95 99.1 78.4 117.6

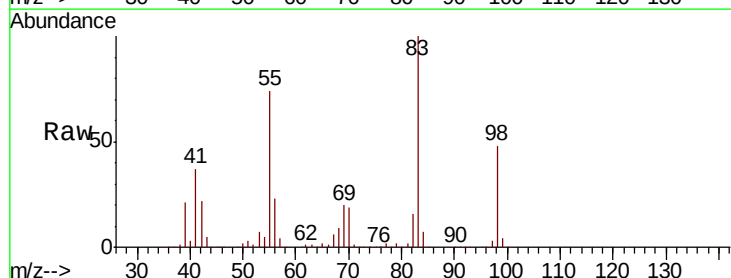


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

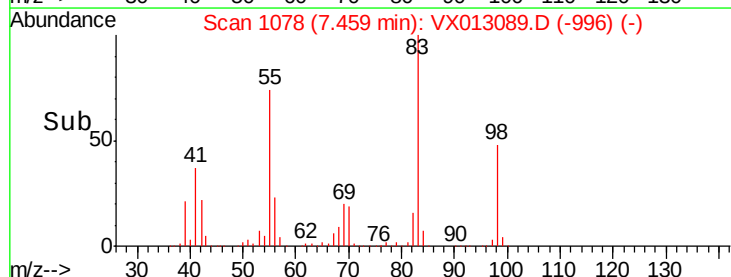
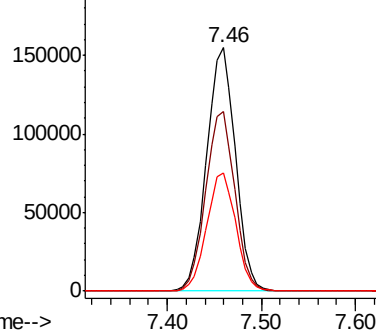


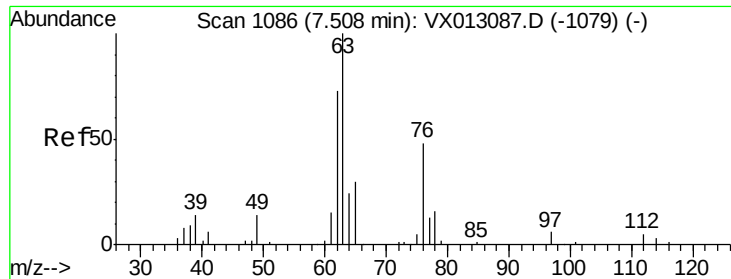
#38
 Methylcyclohexane
 Concen: 111.704 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion: 83 Resp: 330939
 Ion Ratio Lower Upper
 83 100
 55 74.2 38.3 114.8
 98 49.2 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

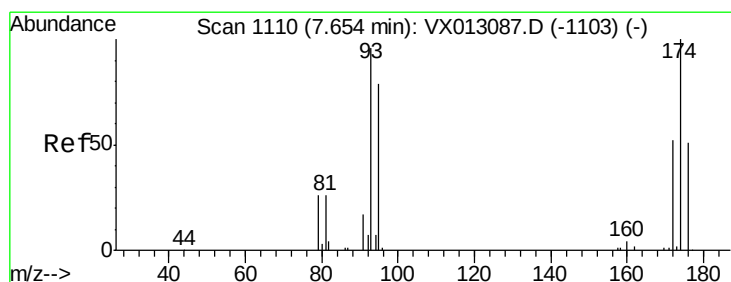
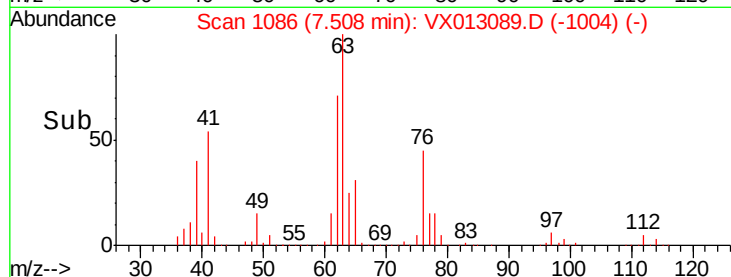
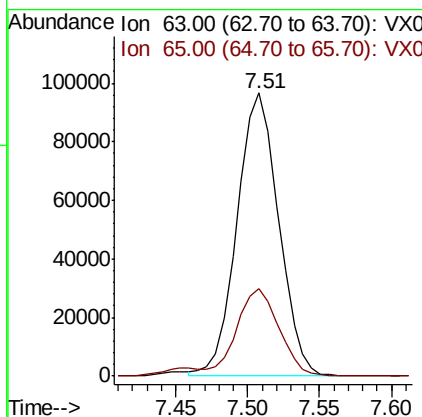
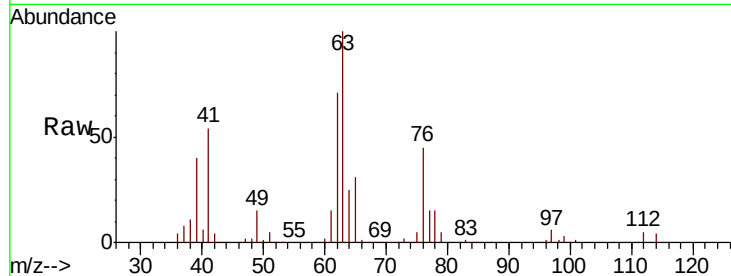




#39
 1,2-Dichloropropane
 Concen: 107.911 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

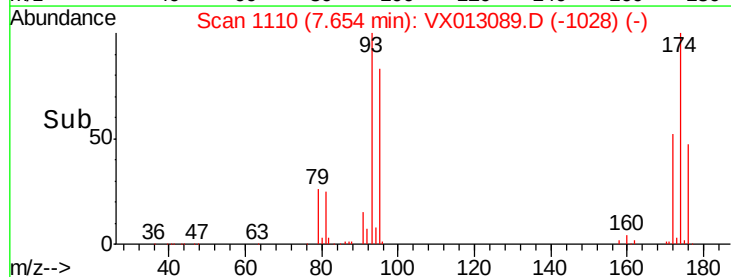
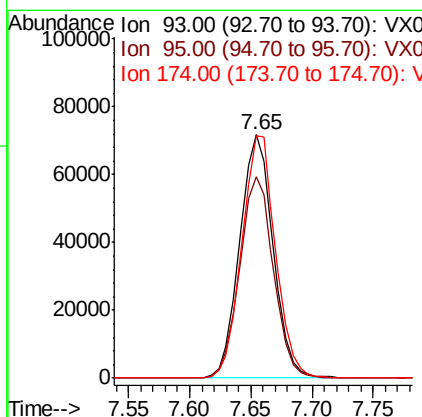
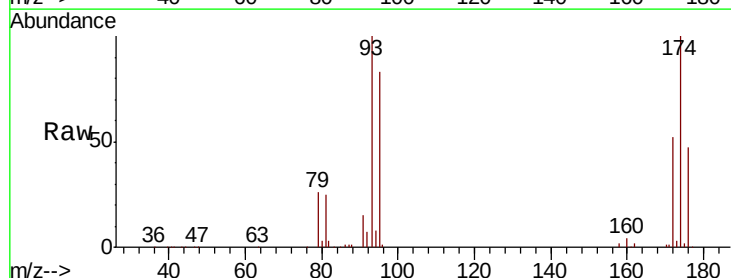
Instrument :
 MSVOA_X
 ClientSampled :

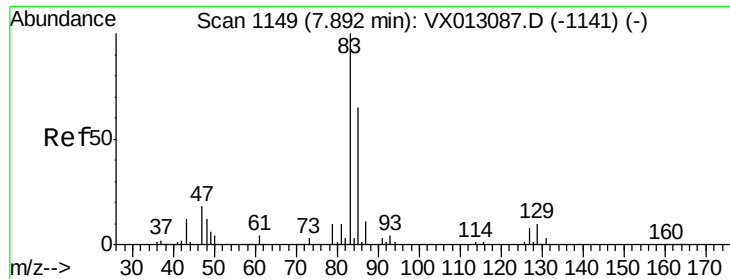
Tot Ion: 63 Resp: 192936
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.6 38.4



#40
 Dibromomethane
 Concen: 105.670 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion: 93 Resp: 135857
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 171.2
 174 100.8 0.0 208.2





#41

Bromodichloromethane

Concen: 114.316 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

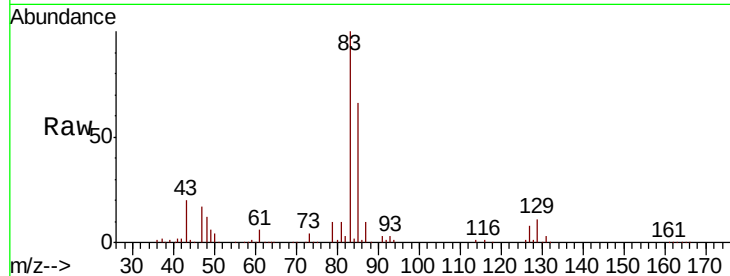
Tot Ion: 83 Resp: 274998

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

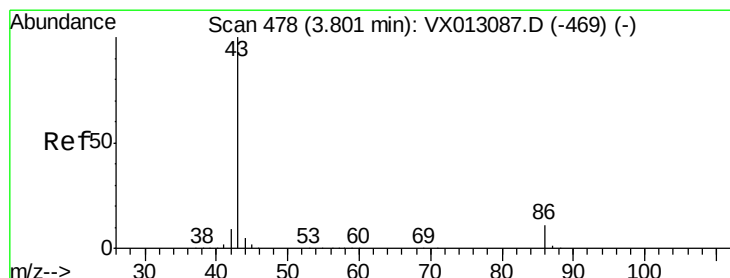
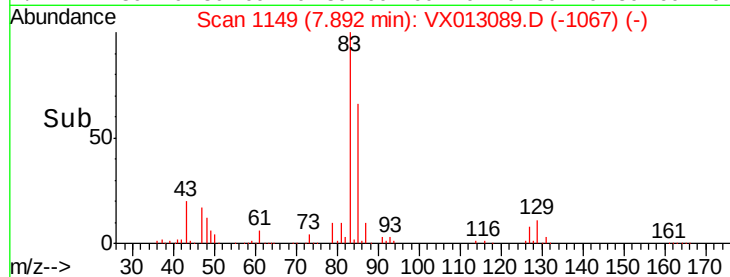
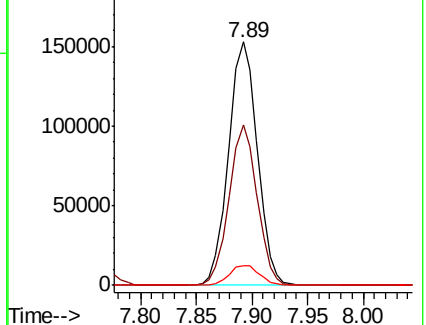
127 8.3 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 598.883 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013089.D

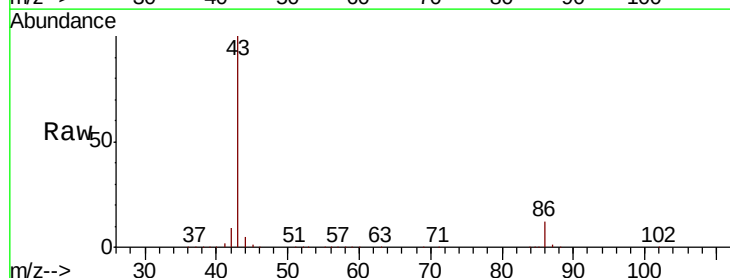
Acq: 16 Oct 2019 11:43

Tgt Ion: 43 Resp: 2588500

Ion Ratio Lower Upper

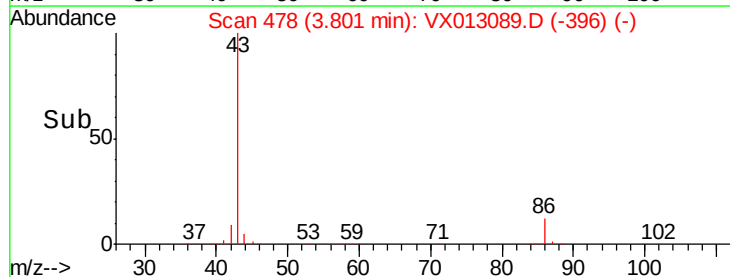
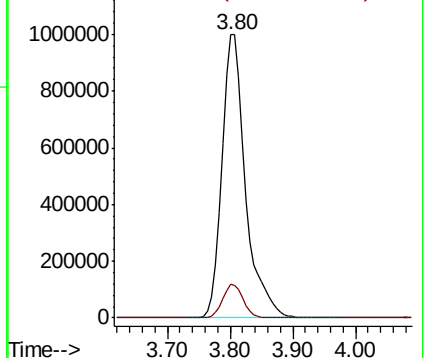
43 100

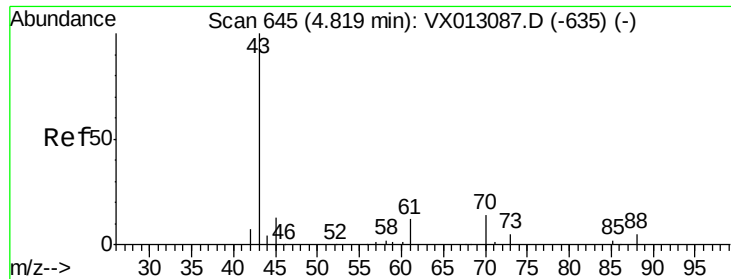
86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

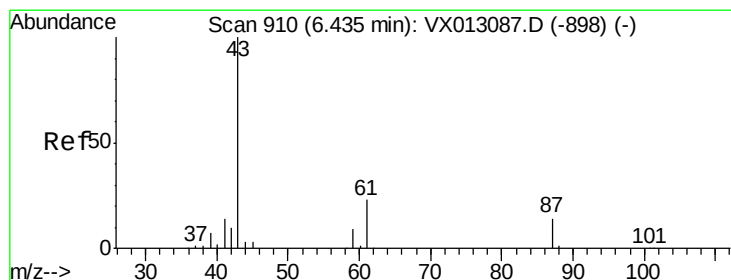
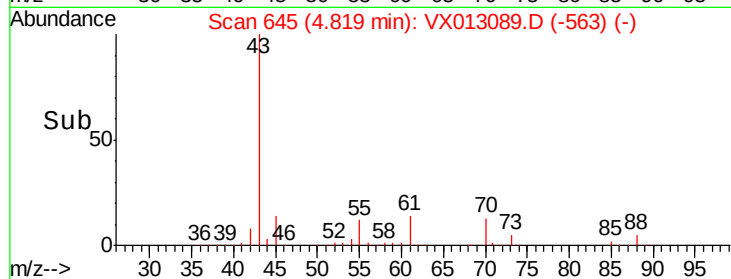
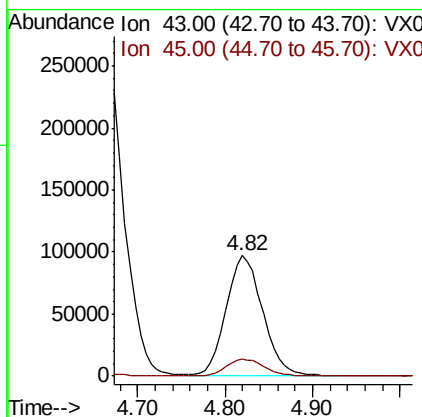
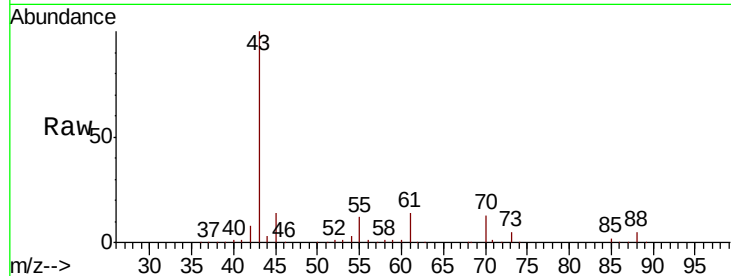




#43
Ethyl Acetate
Concen: 114.273 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

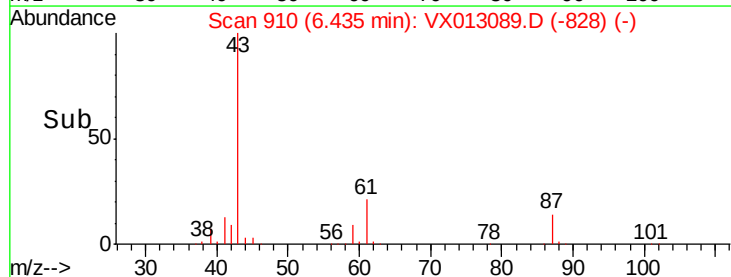
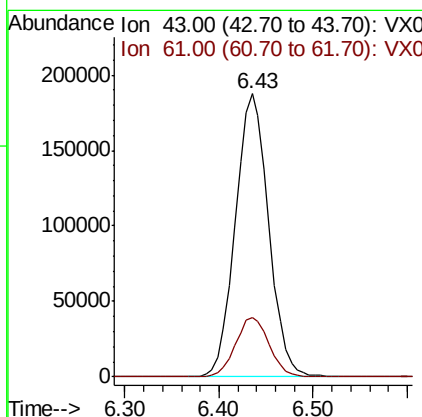
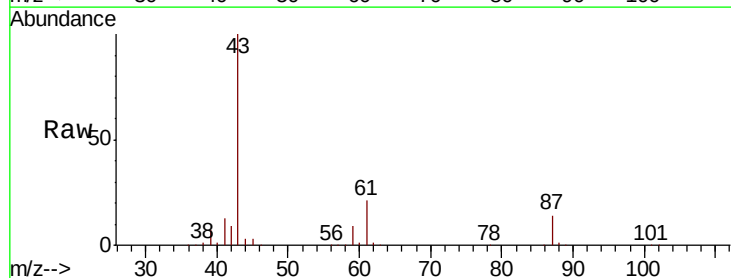
Instrument :
MSVOA_X
ClientSampleId :

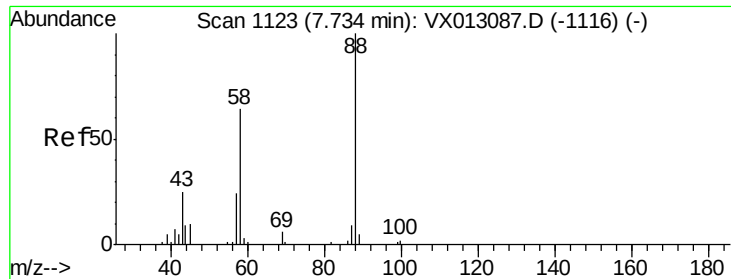
Tot Ion: 43 Resp: 281464
Ion Ratio Lower Upper
43 100
45 15.3 12.8 19.2



#44
Isopropyl Acetate
Concen: 114.091 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 43 Resp: 462025
Ion Ratio Lower Upper
43 100
61 21.4 16.7 25.1





#45

1,4-Dioxane

Concen: 2303.832 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

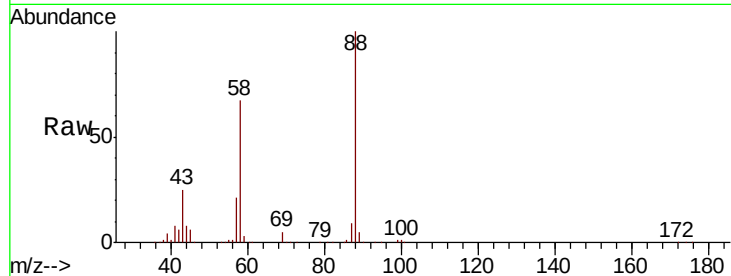
Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 117590

Ion	Ratio	Lower	Upper
88	100		
43	29.9	26.0	39.0
58	67.5	53.0	79.4

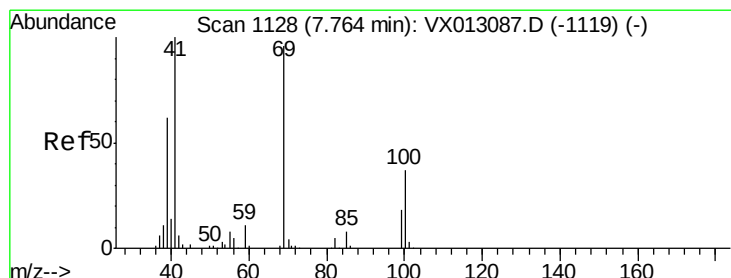
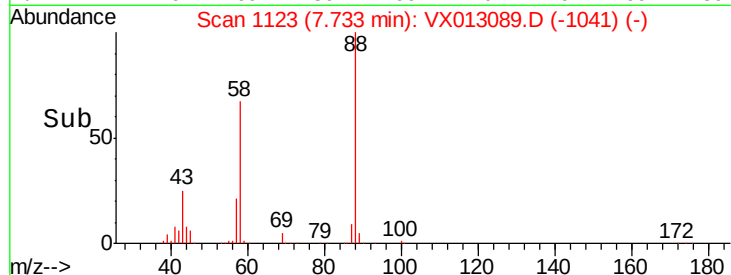
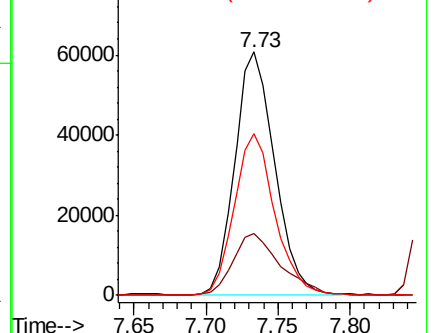


Abundance

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: 116.245 ug/l

RT: 7.76 min Scan# 1128

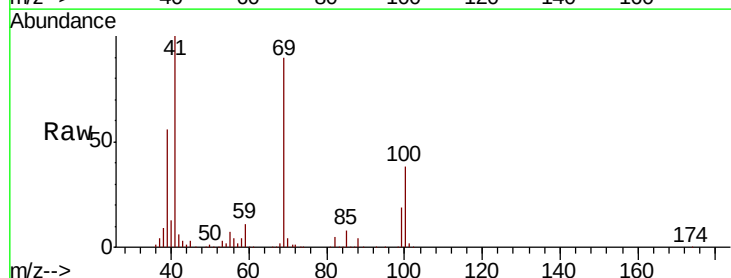
Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Tgt Ion: 41 Resp: 227131

Ion	Ratio	Lower	Upper
41	100		
69	90.0	48.1	144.3
39	55.8	31.2	93.6

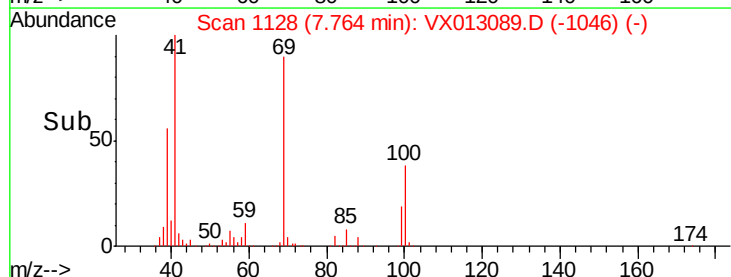
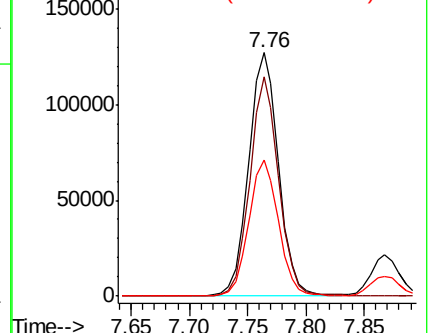


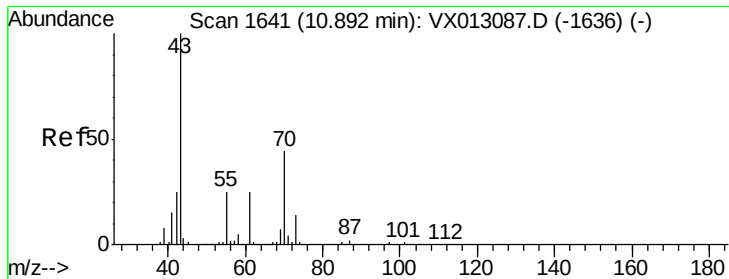
Abundance

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: 117.685 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

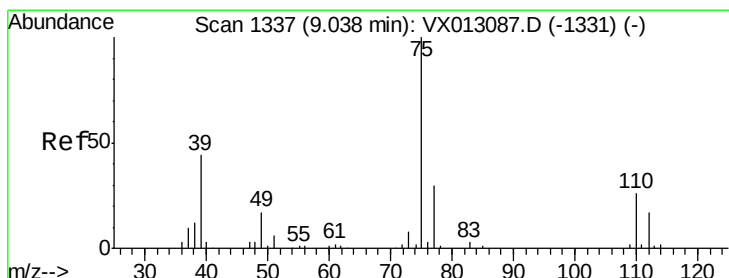
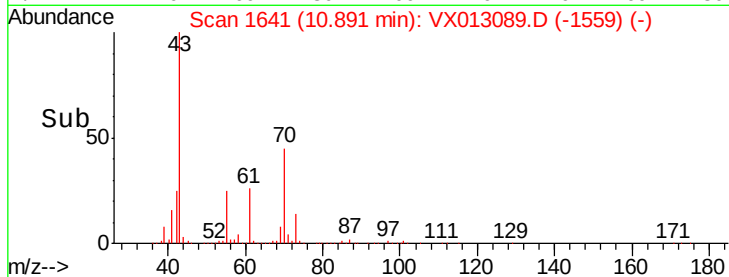
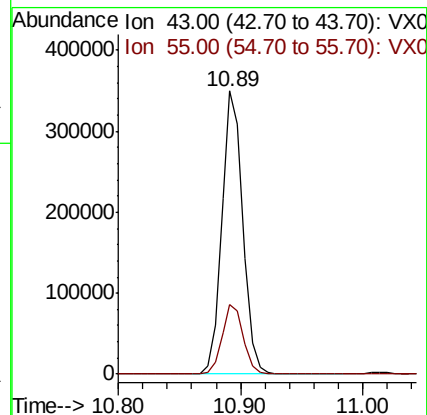
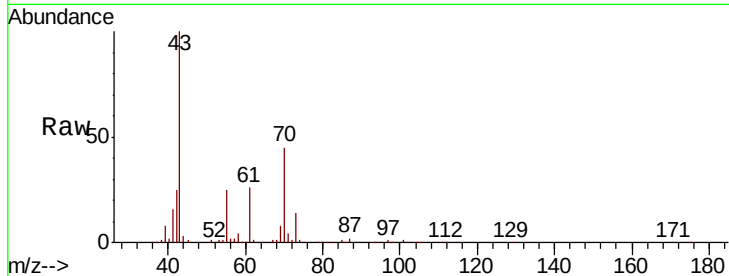
ClientSampleId :

Tot Ion: 43 Resp: 418019

Ion Ratio Lower Upper

43 100

55 24.8 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 123.317 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013089.D

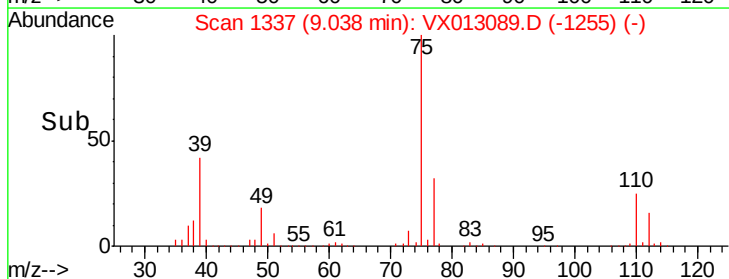
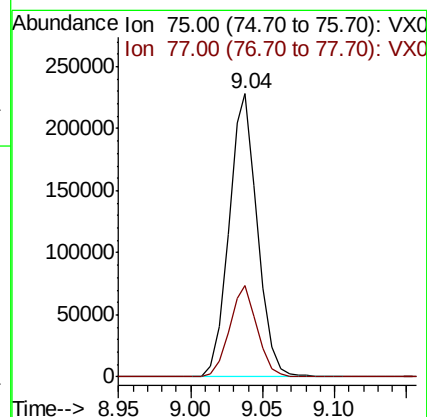
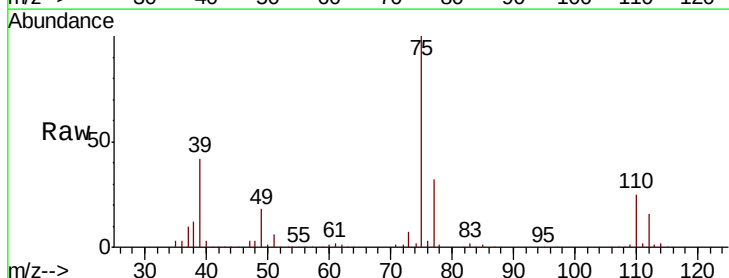
Acq: 16 Oct 2019 11:43

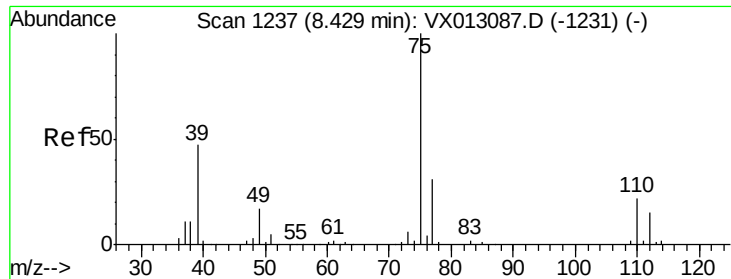
Tgt Ion: 75 Resp: 314550

Ion Ratio Lower Upper

75 100

77 32.2 23.7 35.5

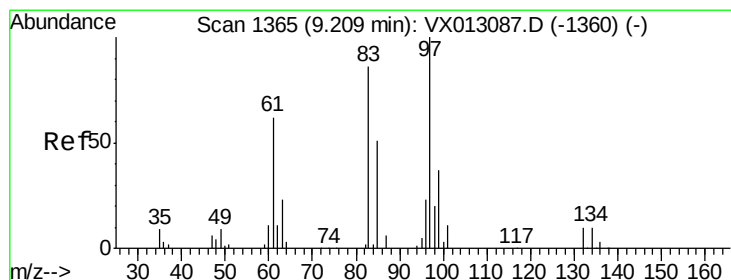
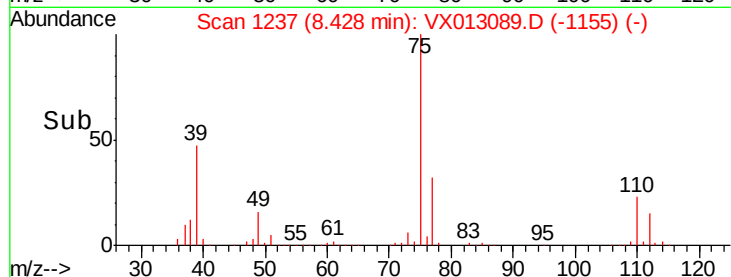
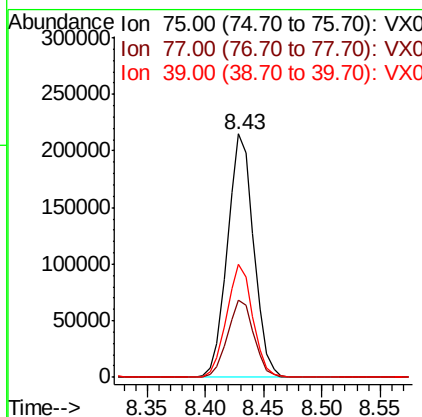
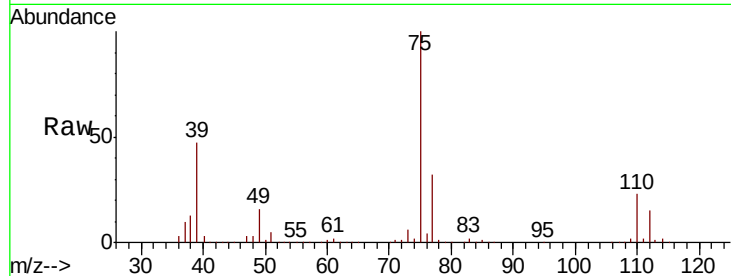




#49
 cis-1,3-Dichloropropene
 Concen: 120.885 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

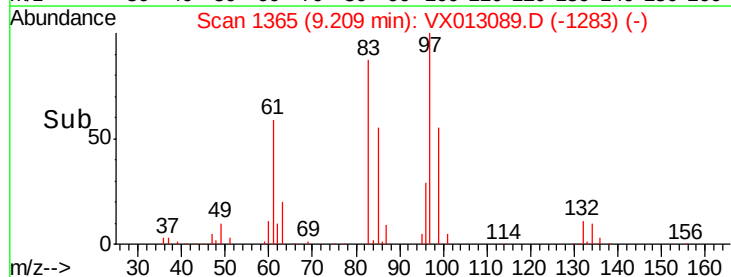
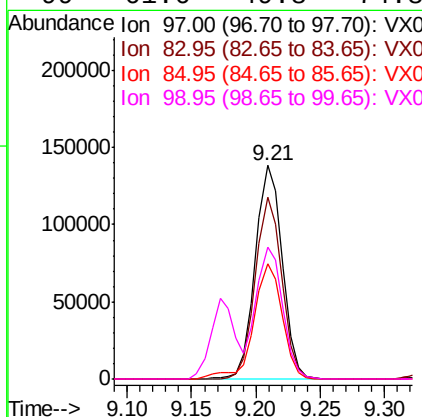
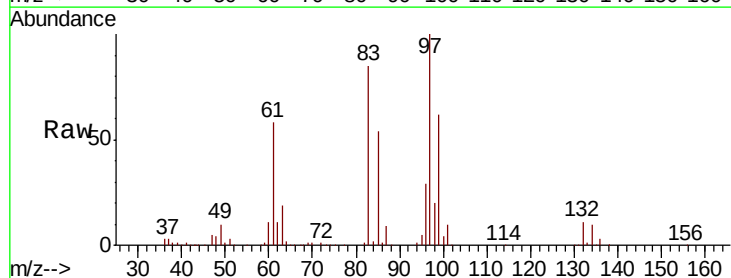
Instrument :
 MSVOA_X
 ClientSampled :

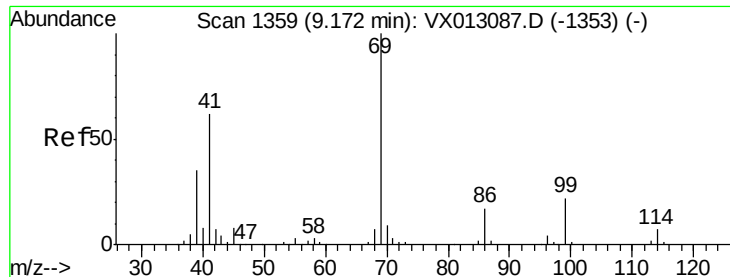
Tot Ion: 75 Resp: 337253
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.7 37.1
 39 46.6 37.4 56.0



#50
 1,1,2-Trichloroethane
 Concen: 105.657 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion: 97 Resp: 200177
 Ion Ratio Lower Upper
 97 100
 83 85.3 68.1 102.1
 85 53.8 42.6 64.0
 99 61.6 49.8 74.8

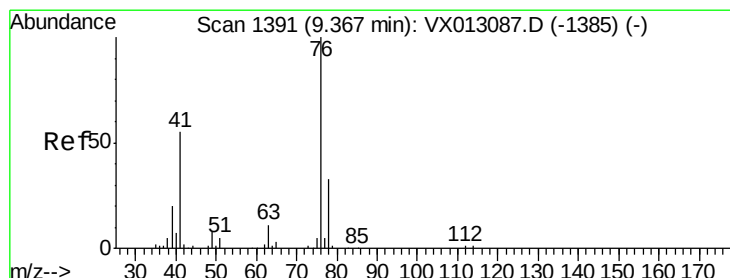
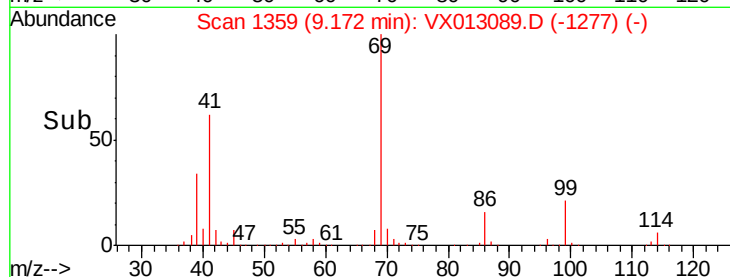
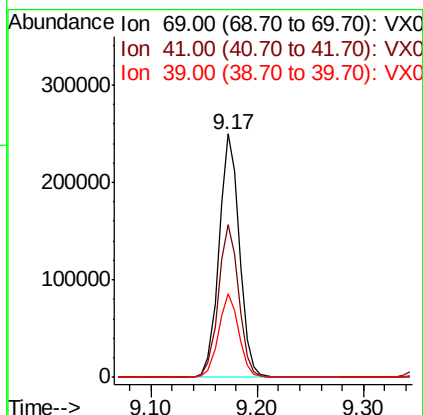
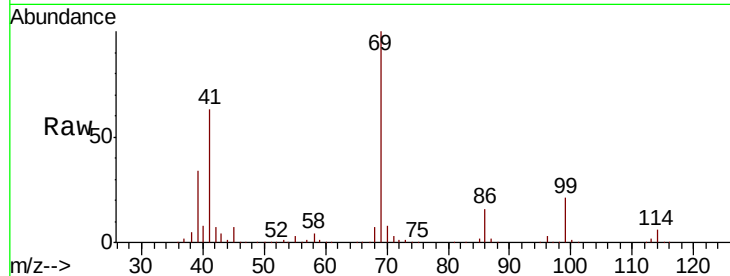




#51
Ethyl methacrylate
Concen: 113.049 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

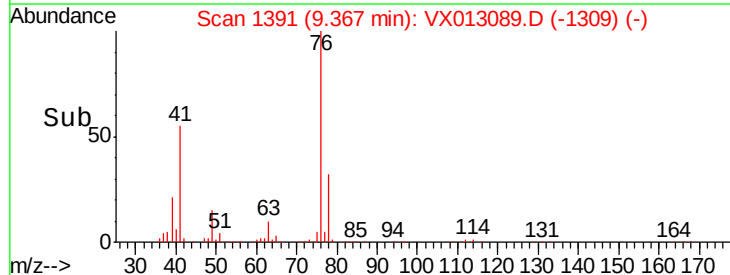
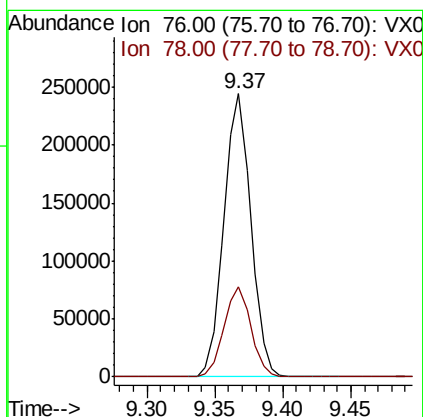
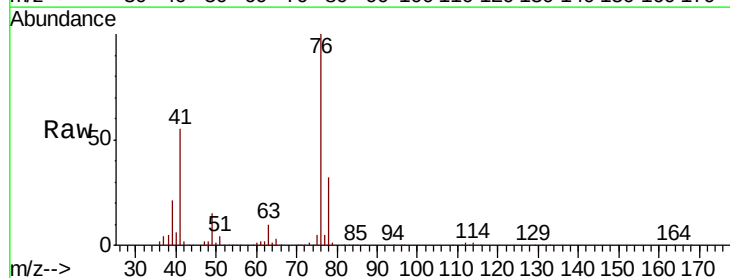
Instrument :
MSVOA_X
ClientSampleId :

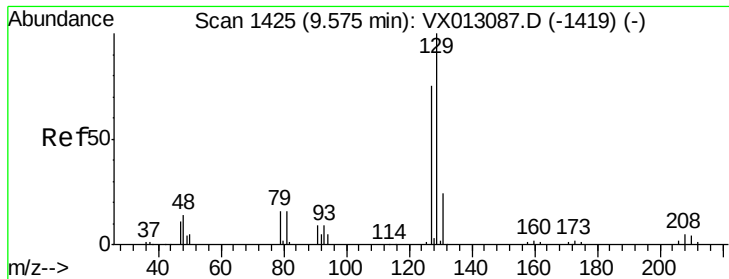
Tot Ion: 69 Resp: 332868
Ion Ratio Lower Upper
69 100
41 62.5 31.1 93.3
39 34.1 17.6 52.9



#52
1,3-Dichloropropane
Concen: 109.310 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 76 Resp: 336907
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.2

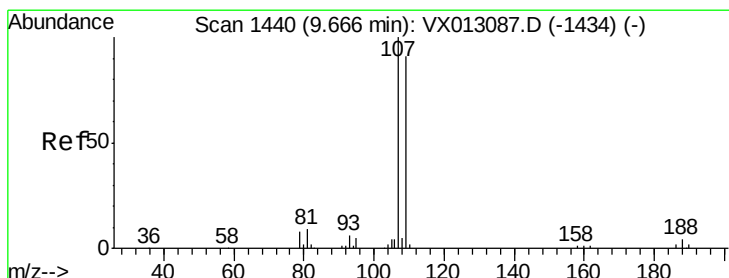
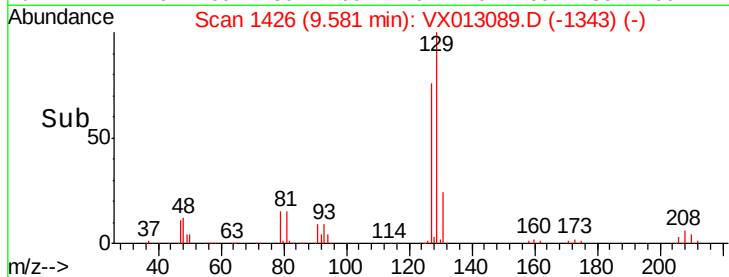
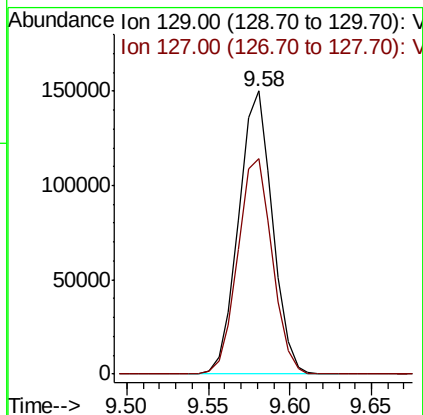
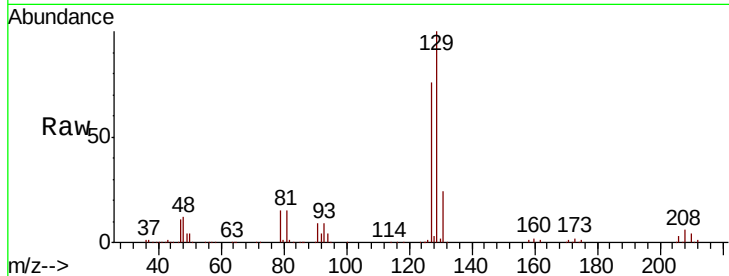




#53
 Dibromochloromethane
 Concen: 106.353 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

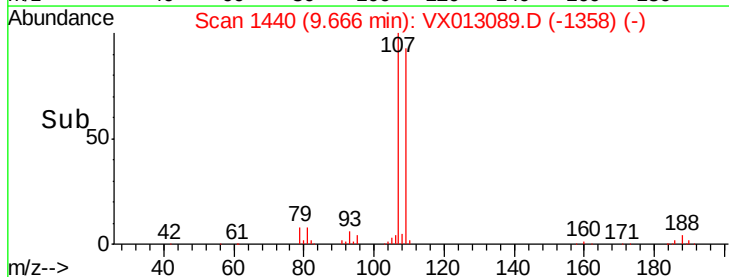
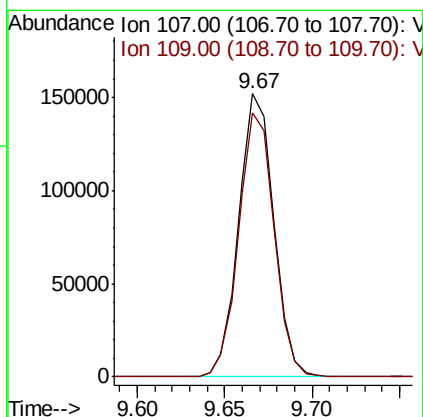
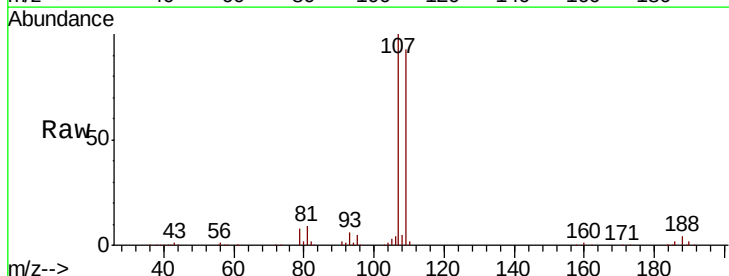
Instrument :
 MSVOA_X
 ClientSampleId :

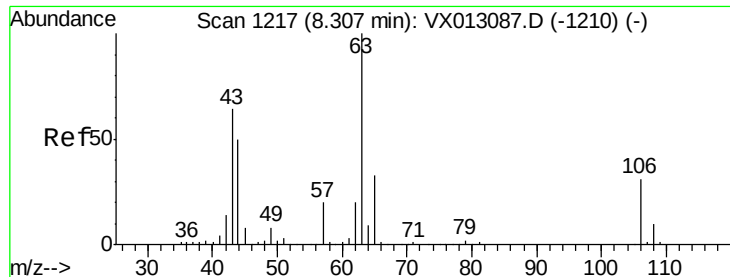
Tot Ion:129 Resp: 217137
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.0 113.9



#54
 1,2-Dibromoethane
 Concen: 102.786 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion:107 Resp: 211994
 Ion Ratio Lower Upper
 107 100
 109 94.6 73.6 110.4

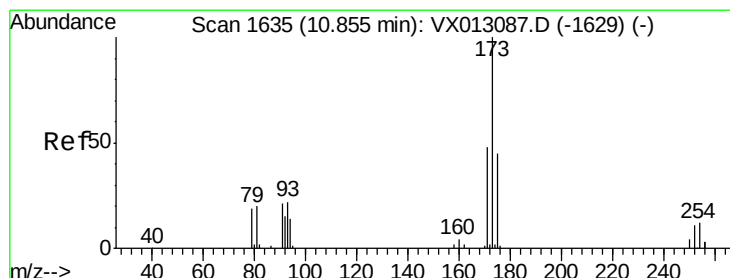
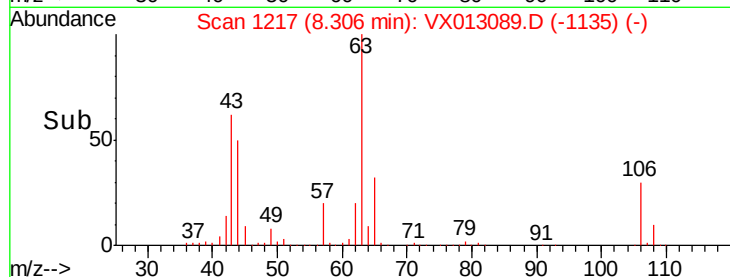
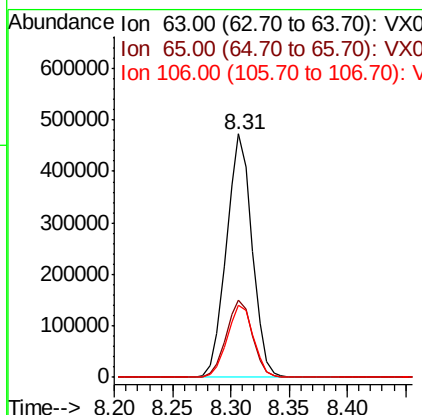
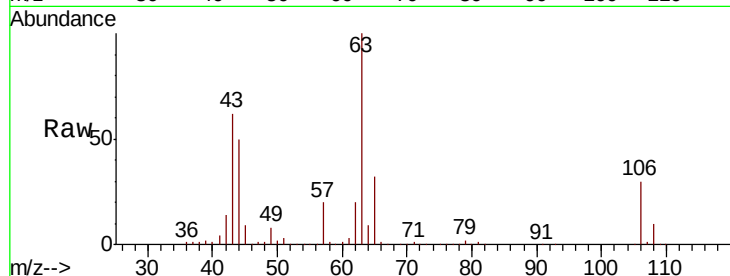




#55
2-Chloroethyl vinyl ether
Concen: 575.604 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

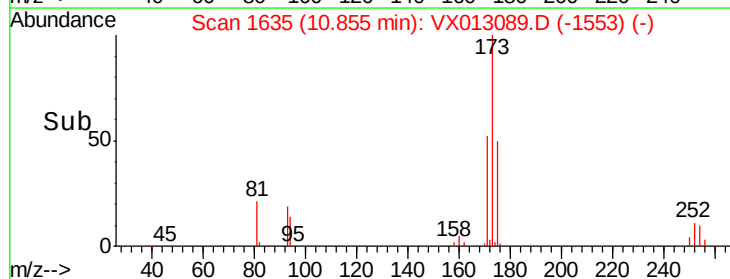
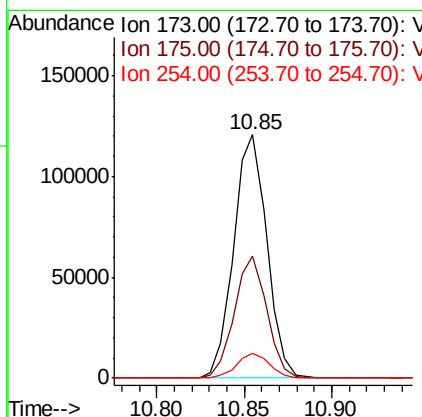
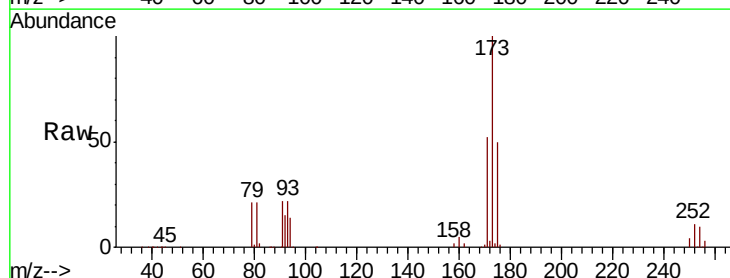
Instrument :
MSVOA_X
ClientSampleId :

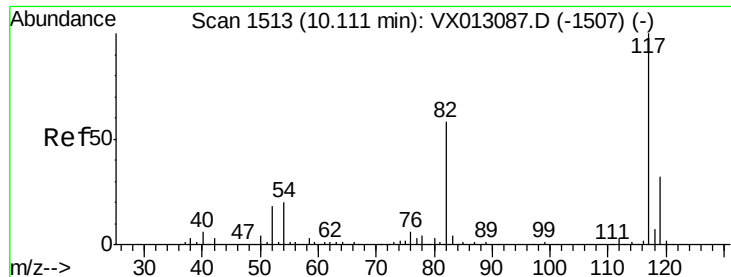
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.9	38.9
106	30.4	24.3	36.5



#56
Bromoform
Concen: 105.756 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	37.8	56.8
254	10.1	7.9	11.9

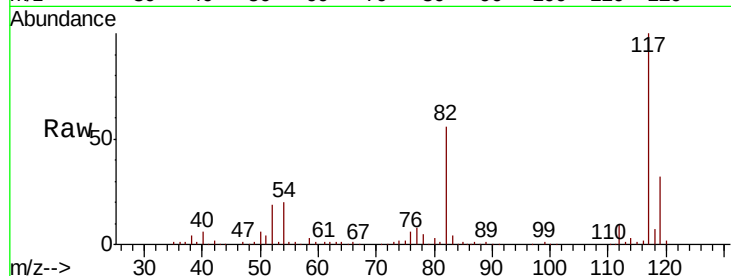




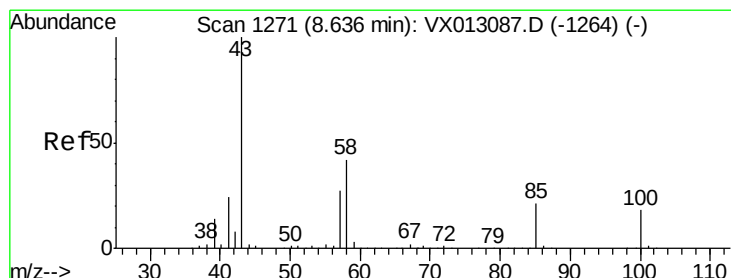
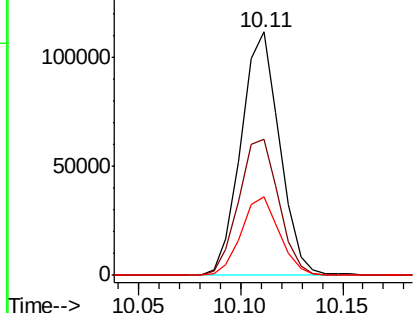
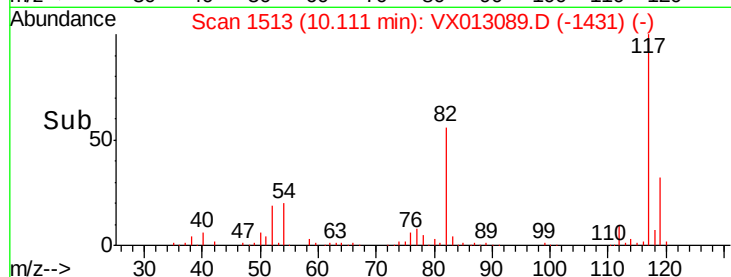
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 146876
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.1 25.8 38.6

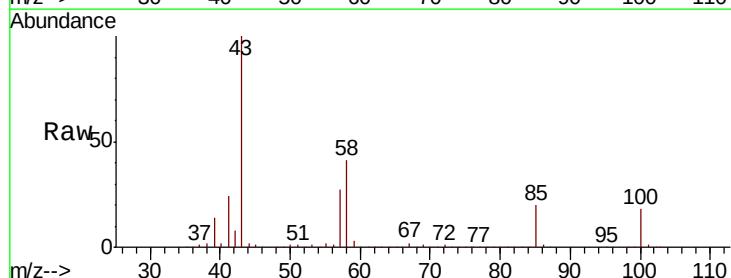


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

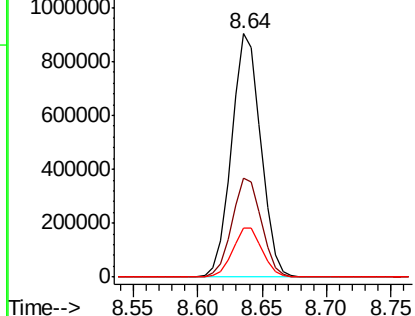
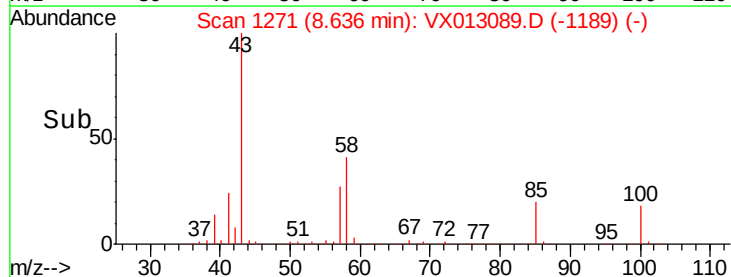


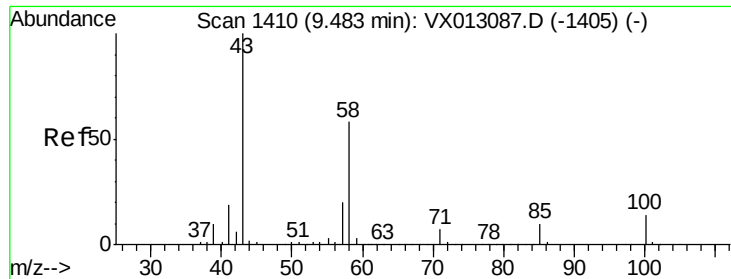
#58
4-Methyl-2-Pentanone
Concen: 566.544 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 43 Resp: 1427597
Ion Ratio Lower Upper
43 100
58 41.0 33.0 49.4
85 20.3 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

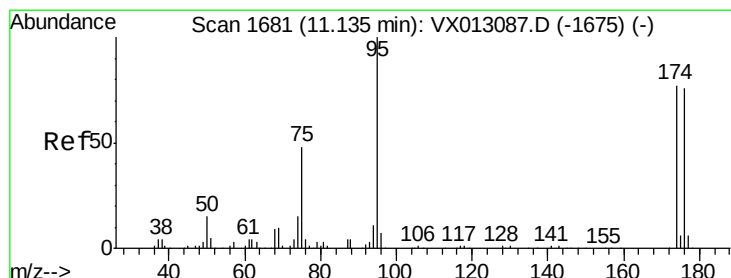
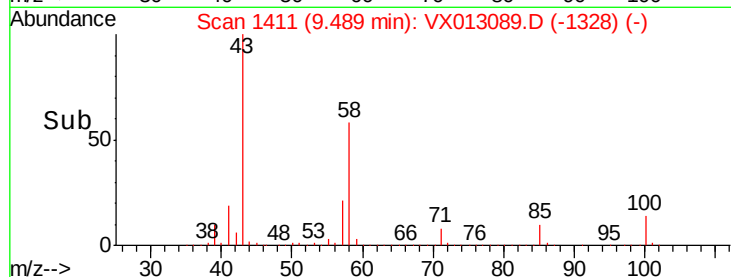
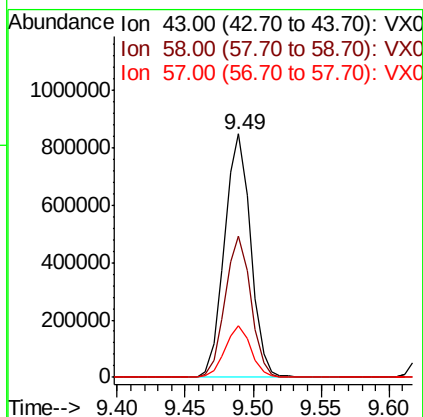
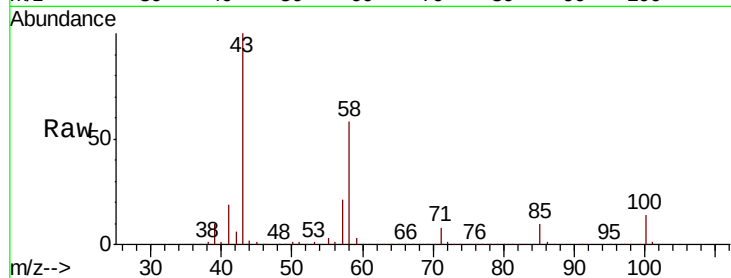




#59
2-Hexanone
Concen: 585.184 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

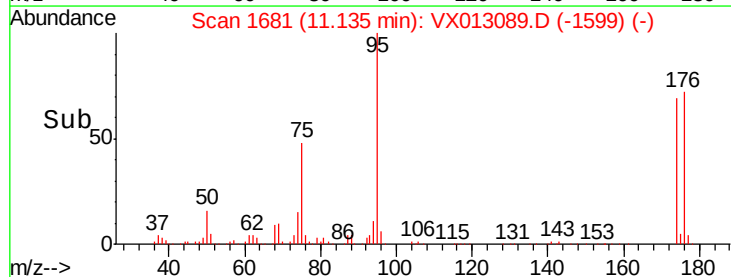
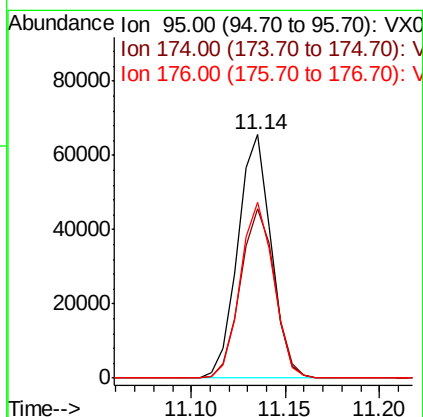
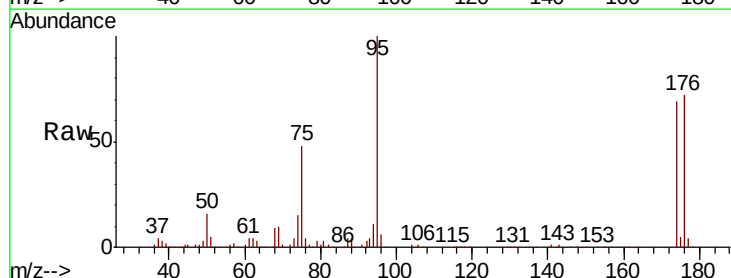
Instrument :
MSVOA_X
ClientSampled :

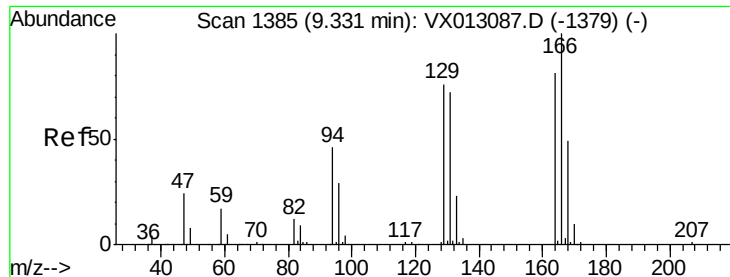
Tot Ion: 43 Resp: 1134884
Ion Ratio Lower Upper
43 100
58 57.6 45.4 68.2
57 20.8 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 32.756 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 95 Resp: 80663
Ion Ratio Lower Upper
95 100
174 71.5 58.8 88.2
176 72.4 56.6 84.8





#61

Tetrachloroethene

Concen: 97.805 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 189494

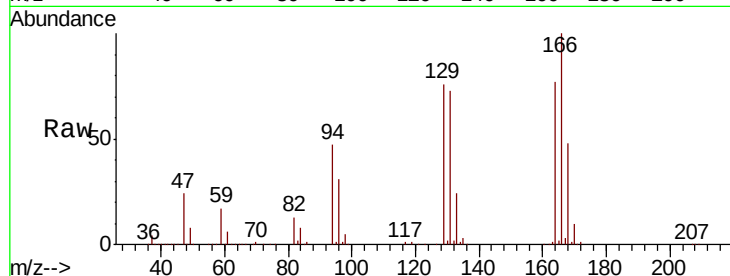
Ion Ratio Lower Upper

164 100

166 129.4 98.4 147.6

129 97.9 75.2 112.8

131 94.5 70.4 105.6



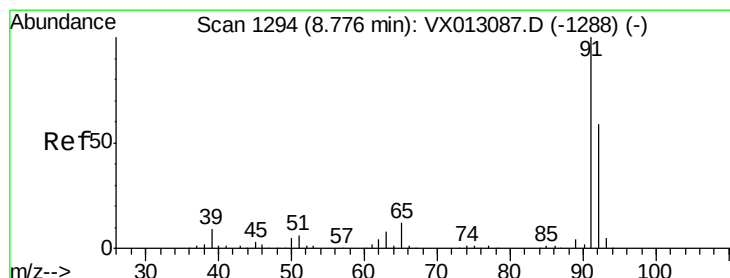
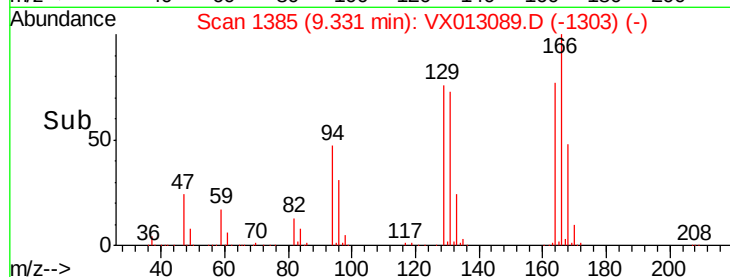
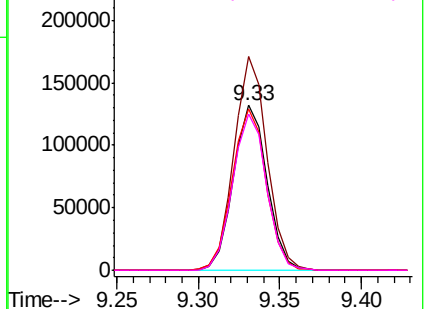
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 107.022 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013089.D

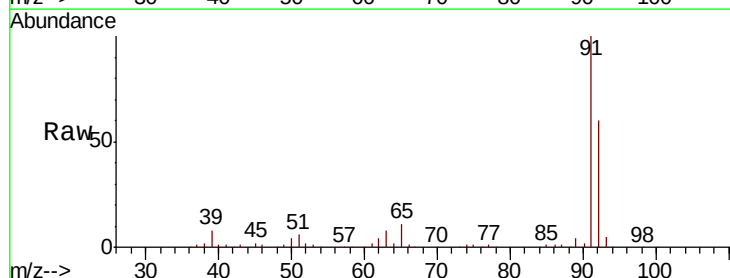
Acq: 16 Oct 2019 11:43

Tgt Ion: 91 Resp: 838417

Ion Ratio Lower Upper

91 100

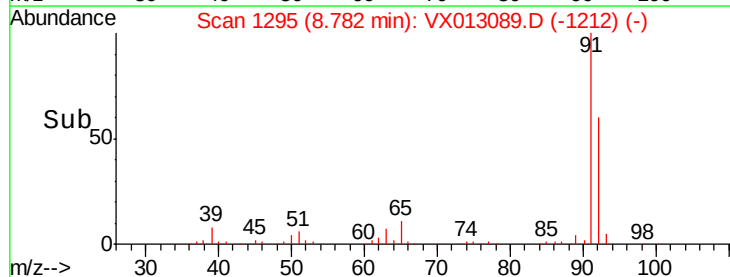
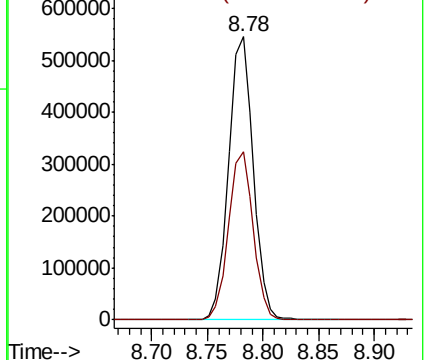
92 59.3 47.6 71.4

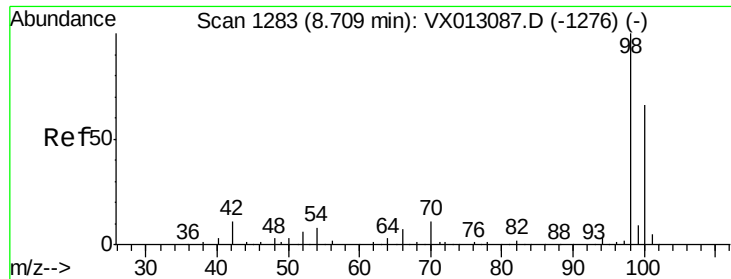


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

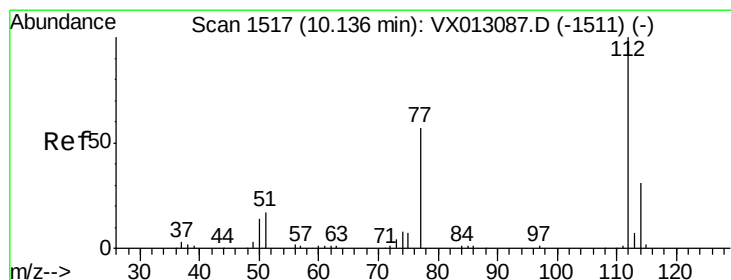
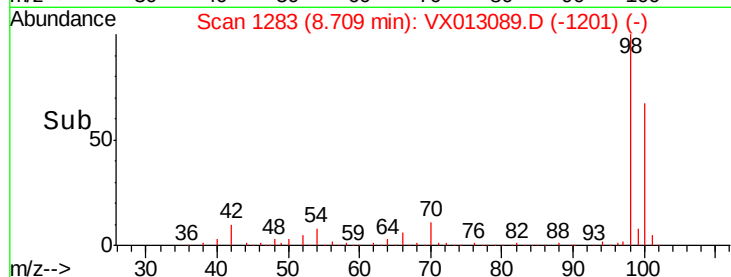
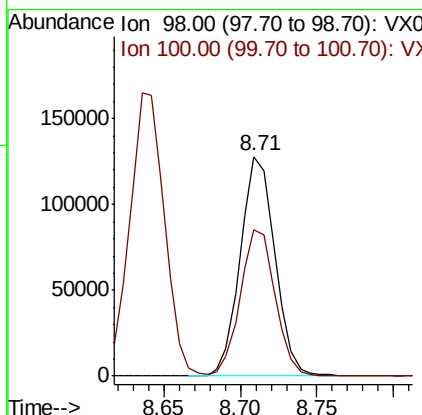
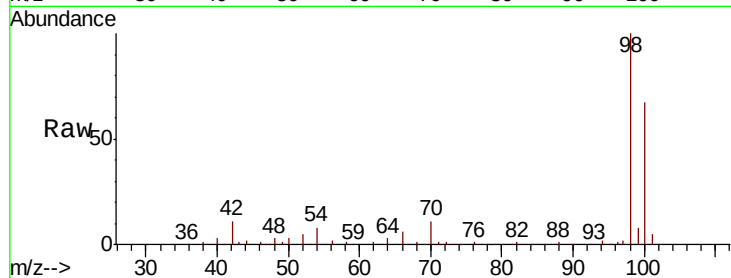




#63
Toluene-d8
Concen: 30.872 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

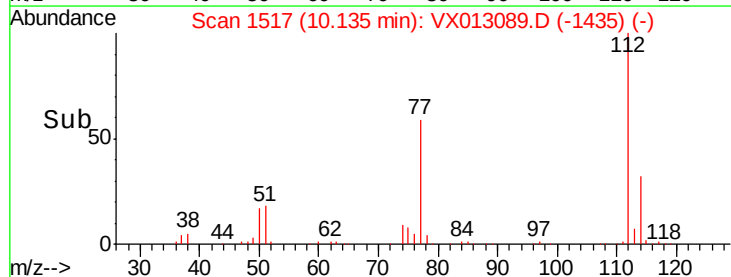
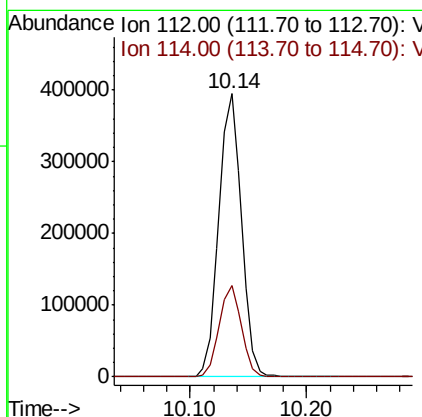
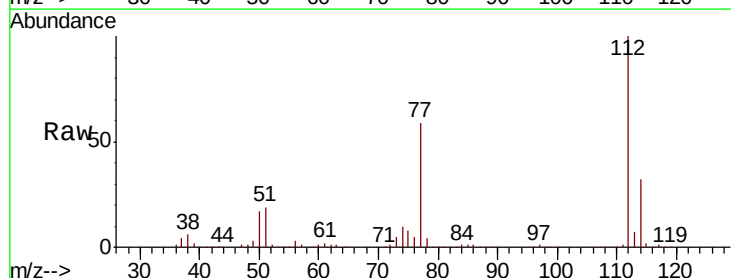
Instrument :
MSVOA_X
ClientSampleId :

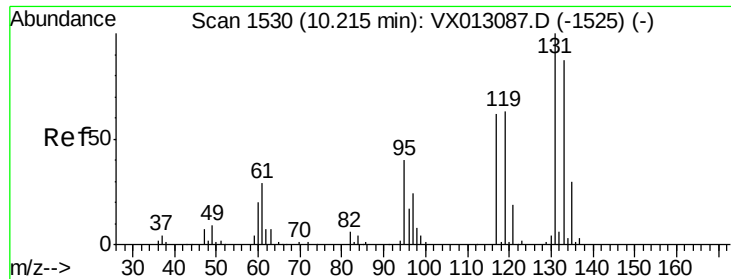
Tot Ion: 98 Resp: 201126
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6



#64
Chlorobenzene
Concen: 105.799 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion: 112 Resp: 530486
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

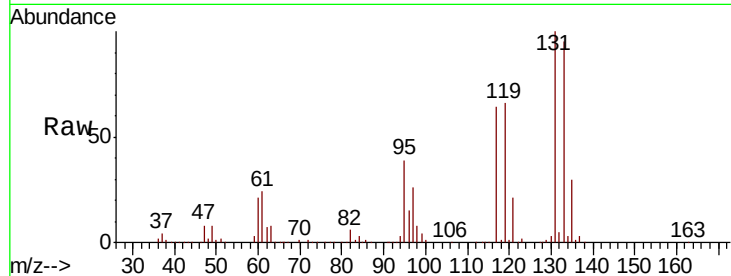




#65
 1,1,1,2-Tetrachloroethane
 Concen: 108.310 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.0	0.0	187.8
119	65.9	0.0	128.4

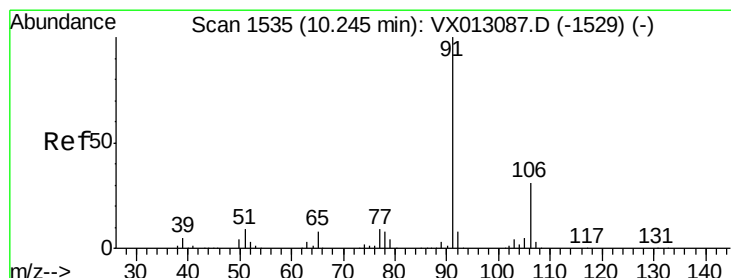
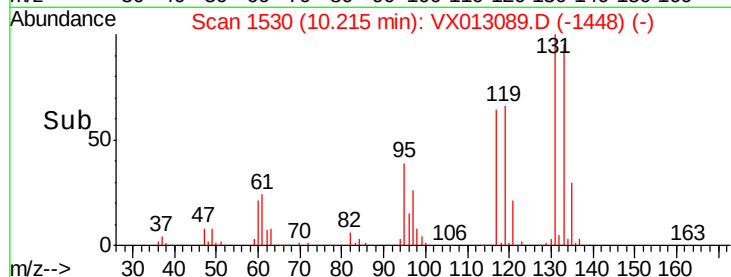
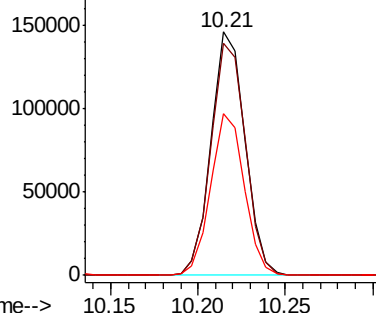


Abundance

Ion 131.00 (130.70 to 131.70): V

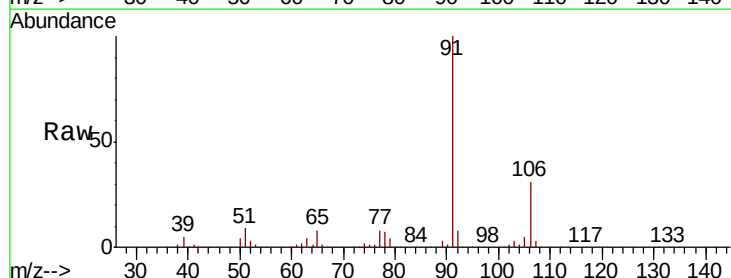
Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66
 Ethyl Benzene
 Concen: 110.359 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

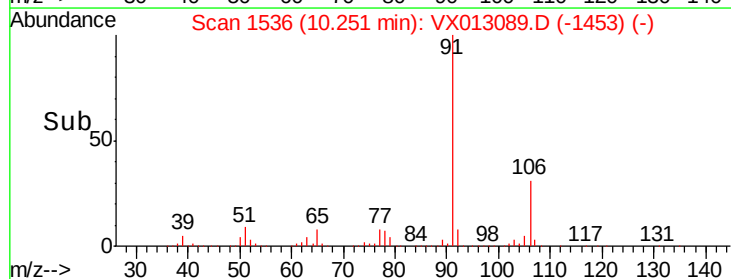
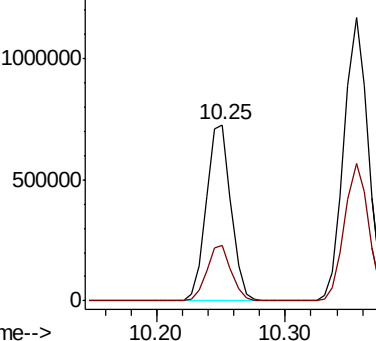
Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.4

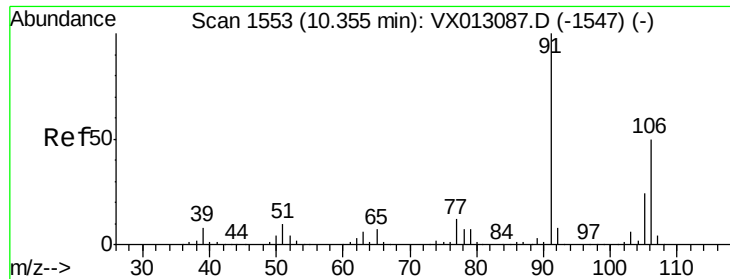


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

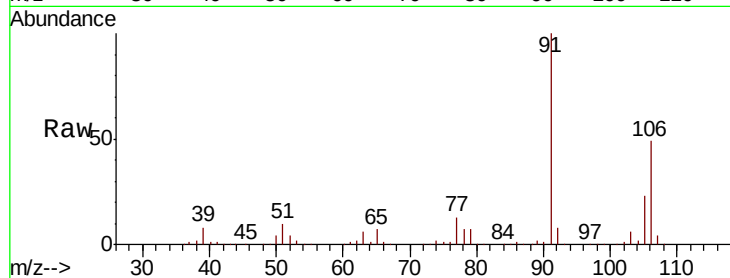




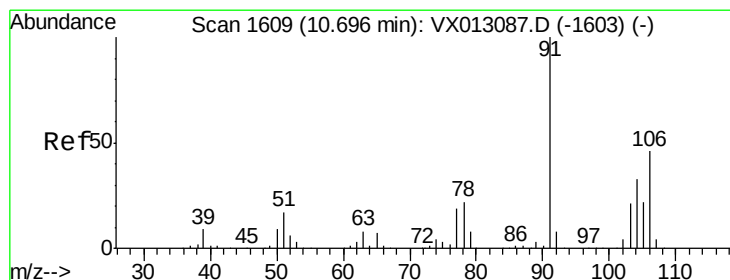
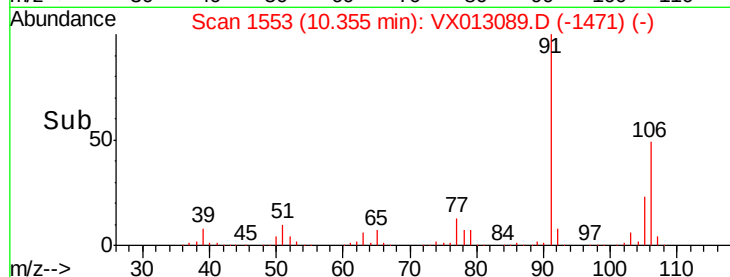
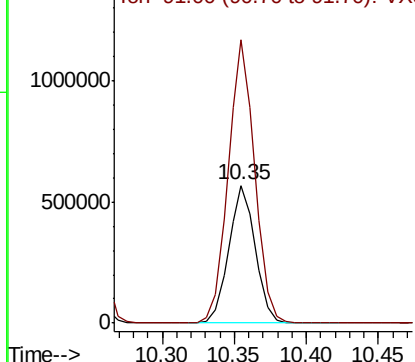
#67
m/p-Xylenes
Concen: 217.552 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 730468
Ion Ratio Lower Upper
106 100
91 205.5 162.6 243.8

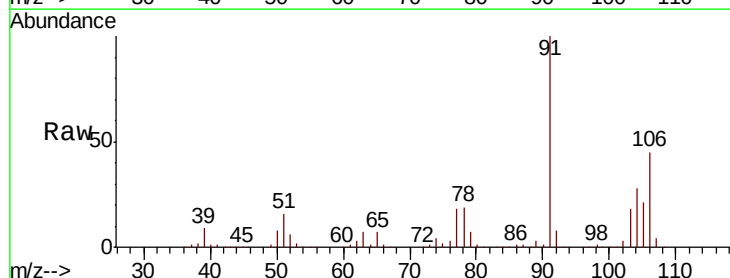


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

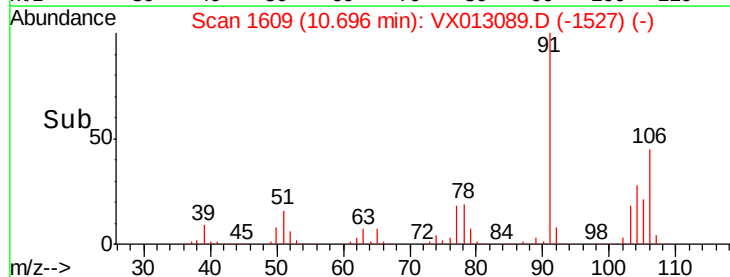
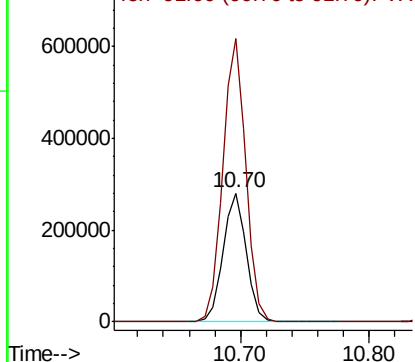


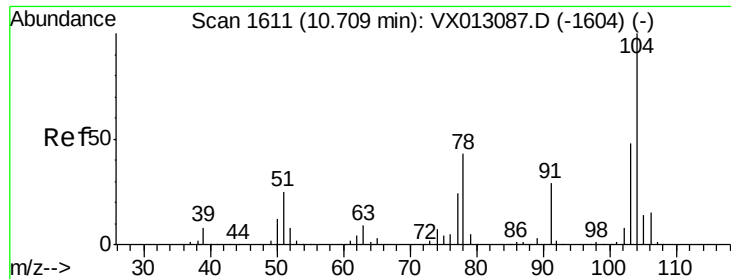
#68
o-Xylene
Concen: 107.447 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion:106 Resp: 353993
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.3



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

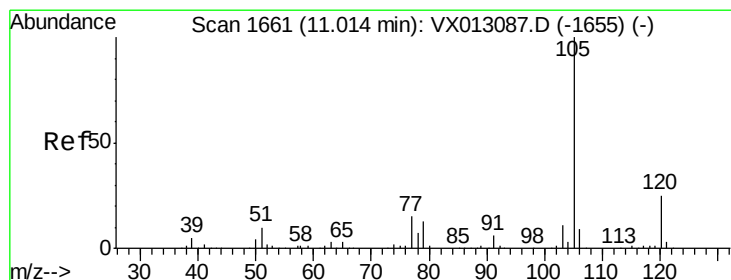
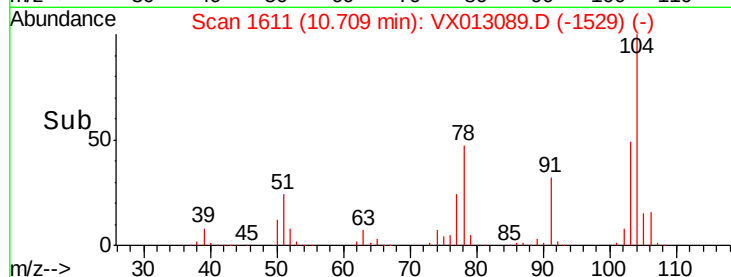
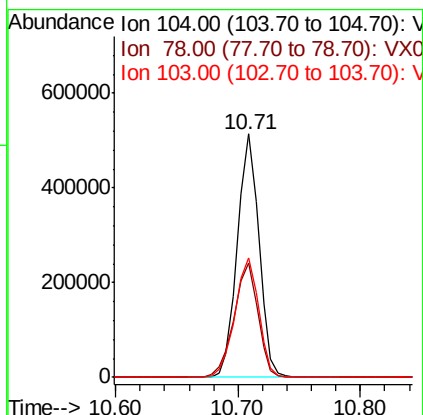
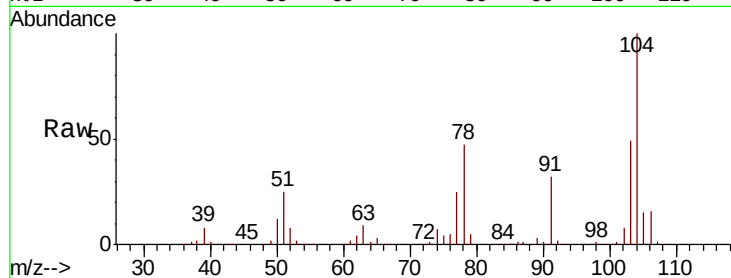




#69
Stvrene
Concen: 112.840 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

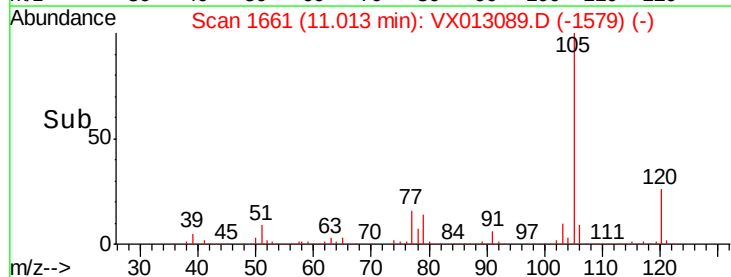
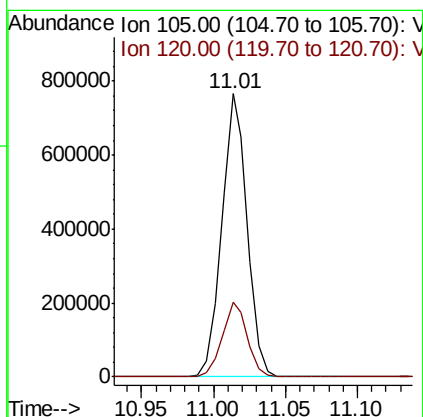
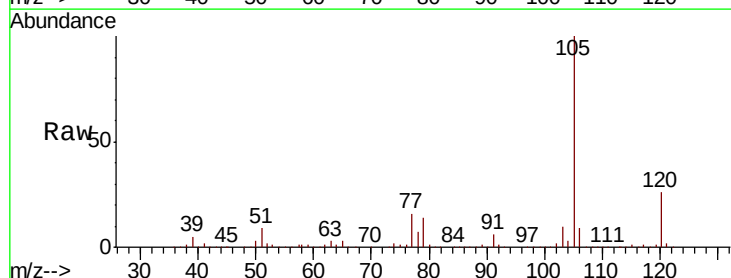
Instrument :
MSVOA_X
ClientSampleId :

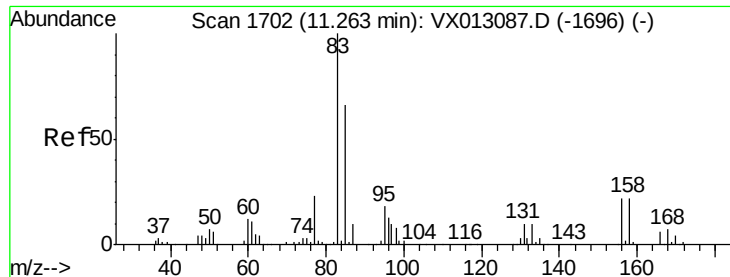
Tot Ion:104 Resp: 627276
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 54.1 42.8 64.2



#70
Isopropylbenzene
Concen: 107.319 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion:105 Resp: 941934
Ion Ratio Lower Upper
105 100
120 26.2 17.9 33.3

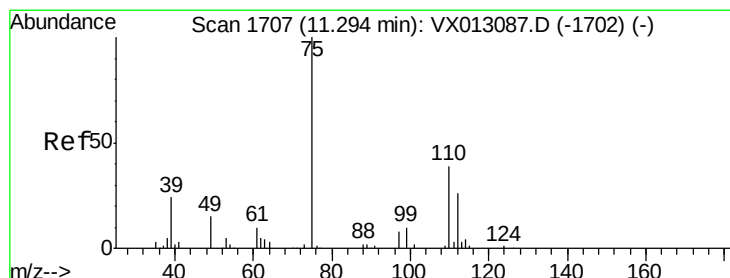
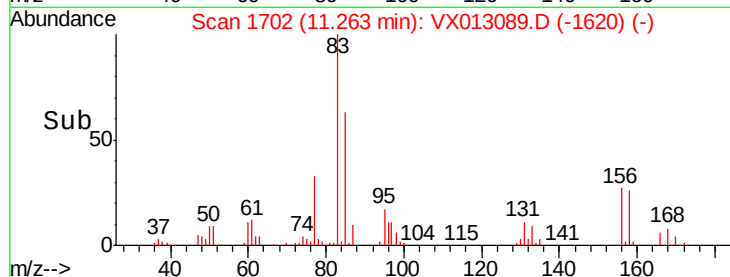
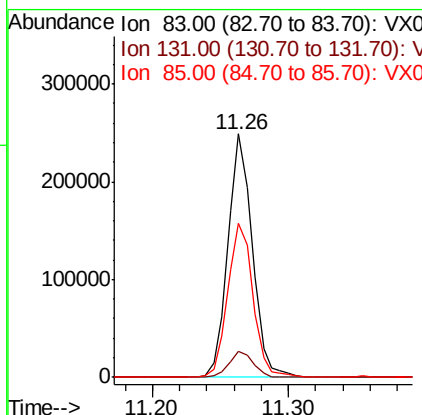
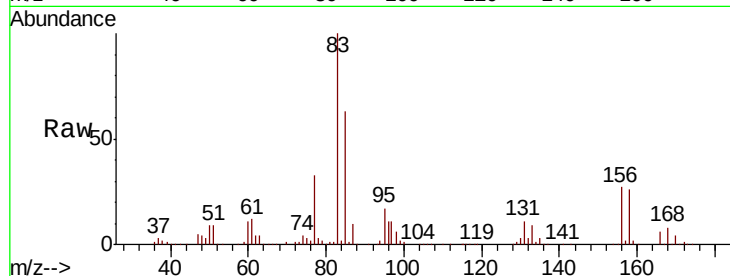




#71
 1,1,2,2-Tetrachloroethane
 Concen: 109.097 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

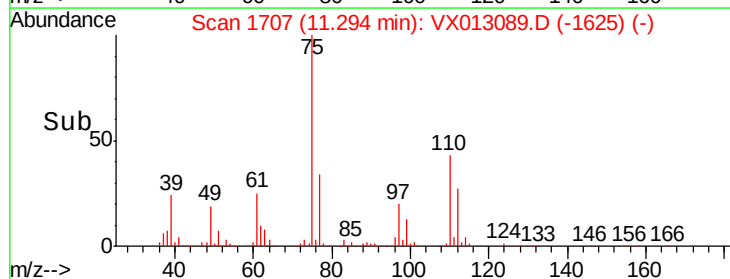
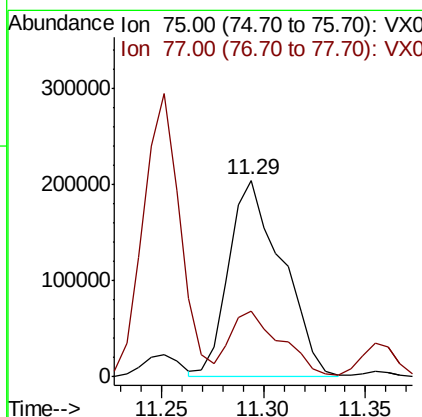
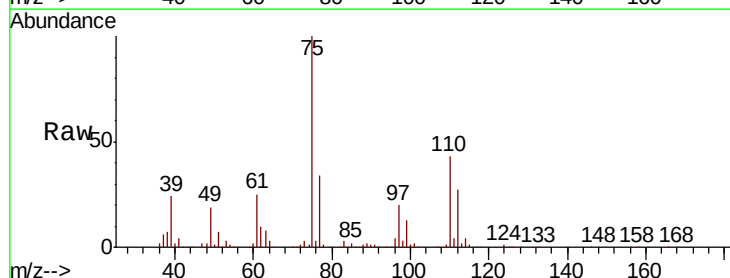
Instrument :
 MSVOA_X
 ClientSampleId :

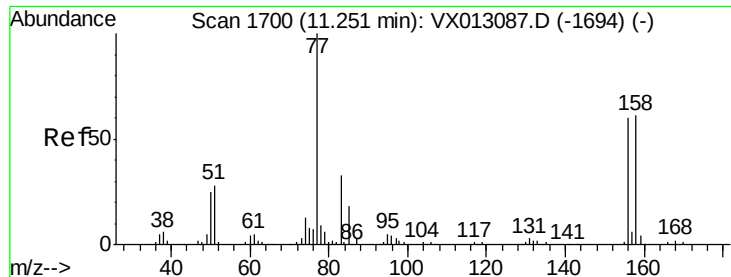
Tot Ion	83	Resp	309890
Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.6
85	65.7	31.9	95.9



#72
 1,2,3-Trichloropropane
 Concen: 157.890 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion	75	Resp	372081
Ion	Ratio	Lower	Upper
75	100		
77	32.0	0.0	87.8





#73

Bromobenzene

Concen: 99.468 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

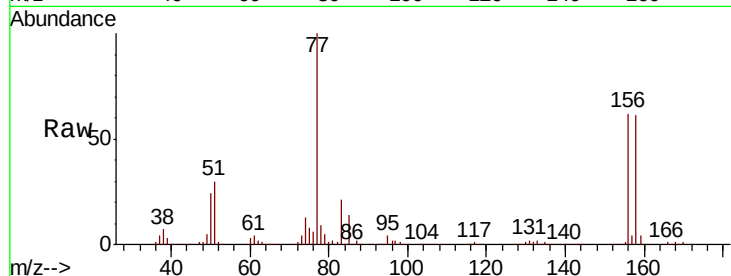
Tot Ion:156 Resp: 229422

Ion Ratio Lower Upper

156 100

77 161.1 0.0 344.0

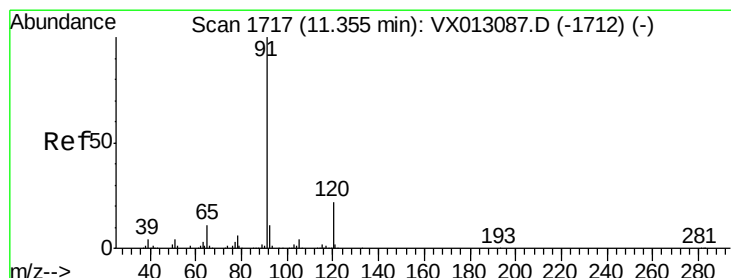
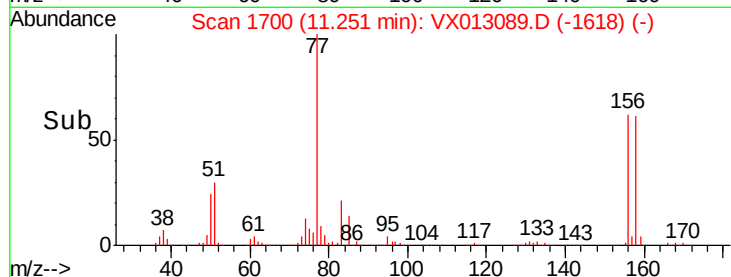
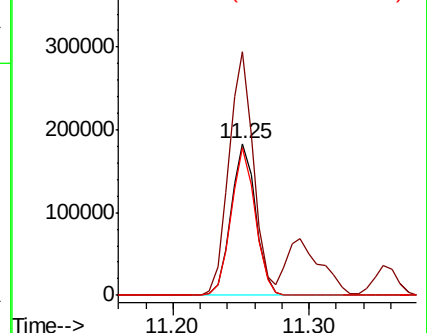
158 95.3 0.0 195.6



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: 109.782 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013089.D

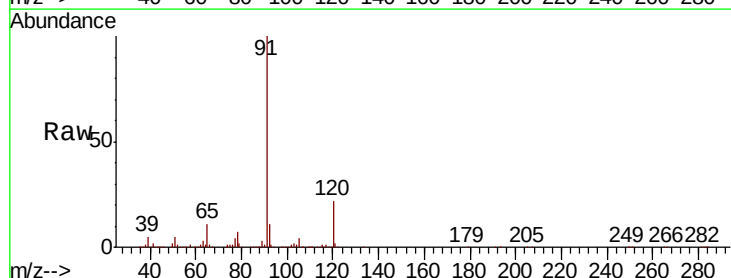
Acq: 16 Oct 2019 11:43

Tgt Ion: 91 Resp: 1085258

Ion Ratio Lower Upper

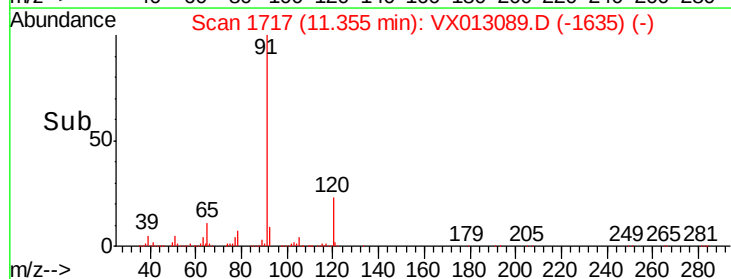
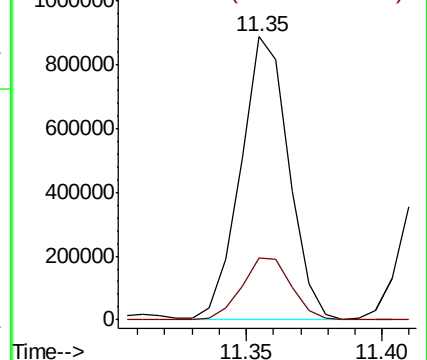
91 100

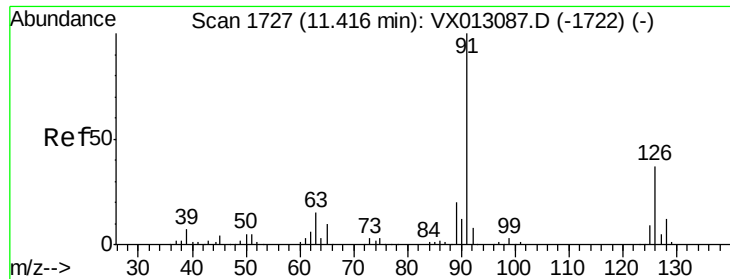
120 22.7 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

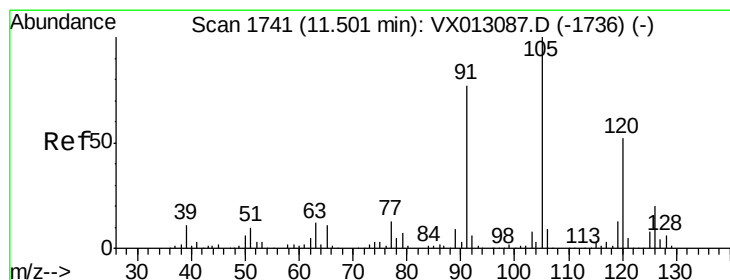
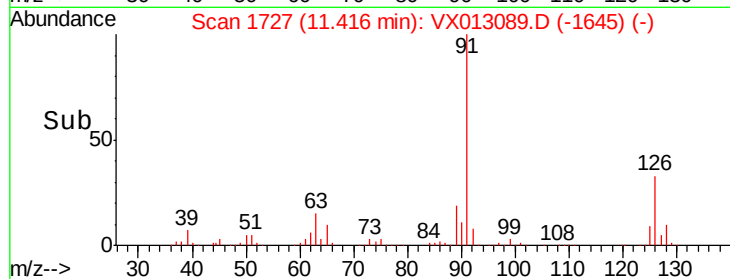
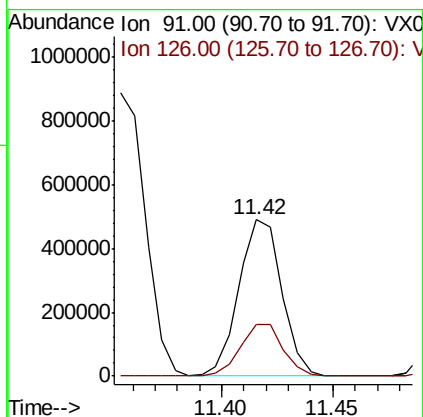
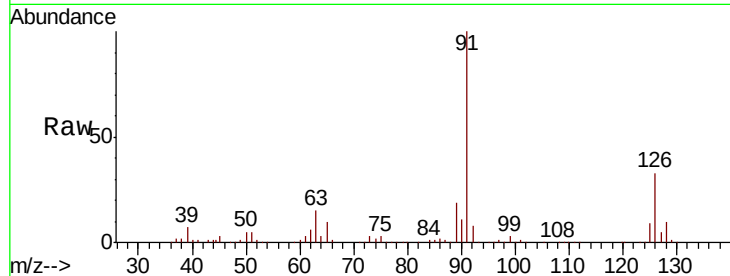




#75
 2-Chlorotoluene
 Concen: 111.831 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

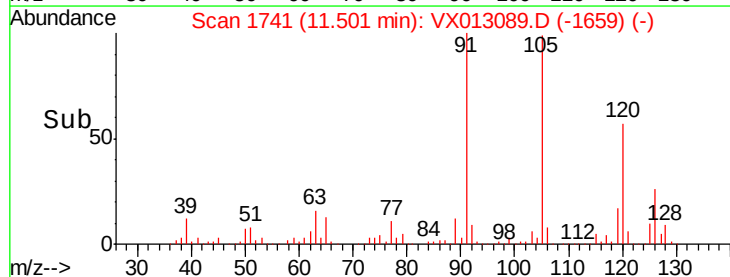
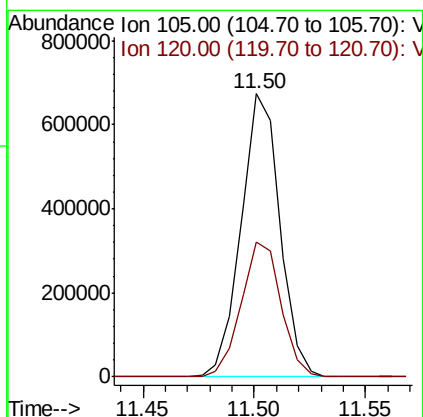
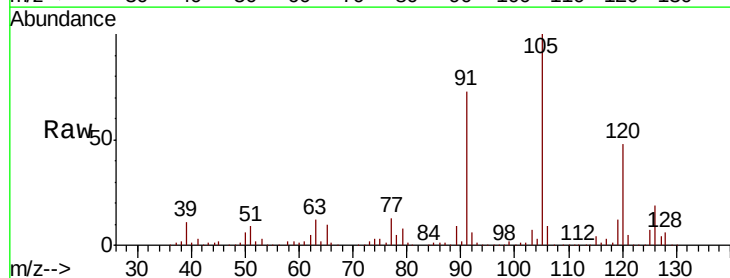
Instrument :
 MSVOA_X
 ClientSampled :

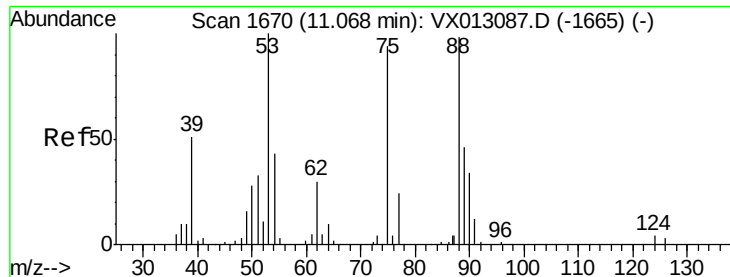
Tot Ion: 91 Resp: 658980
 Ion Ratio Lower Upper
 91 100
 126 33.0 0.0 66.0



#76
 1,3,5-Trimethylbenzene
 Concen: 110.442 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion: 105 Resp: 819018
 Ion Ratio Lower Upper
 105 100
 120 48.7 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 139.782 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

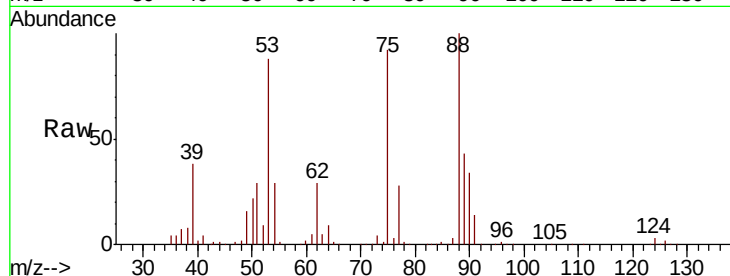
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 113390

Ion	Ratio	Lower	Upper
75	100		
53	95.4	53.1	159.4
89	46.7	24.6	73.8

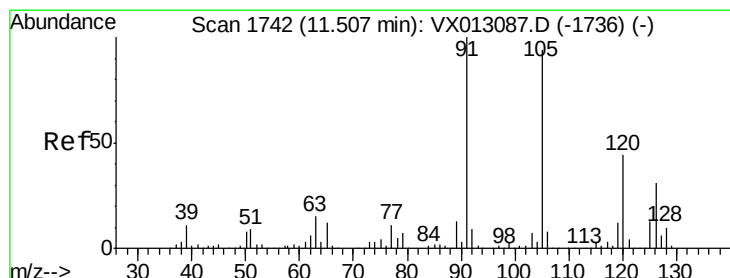
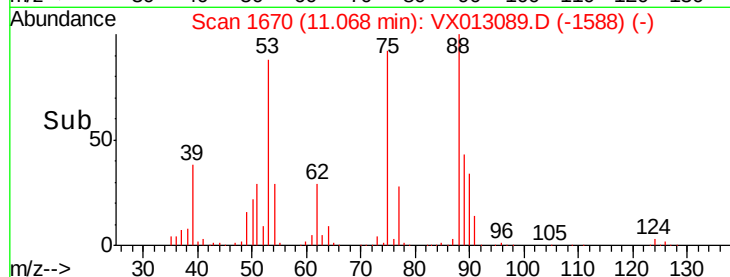
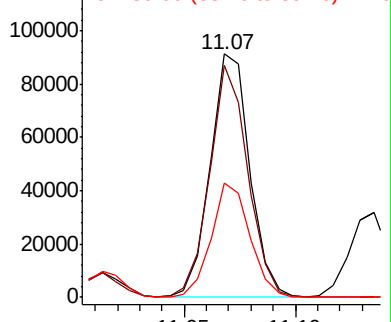


Abundance

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: 112.375 ug/l

RT: 11.51 min Scan# 1742

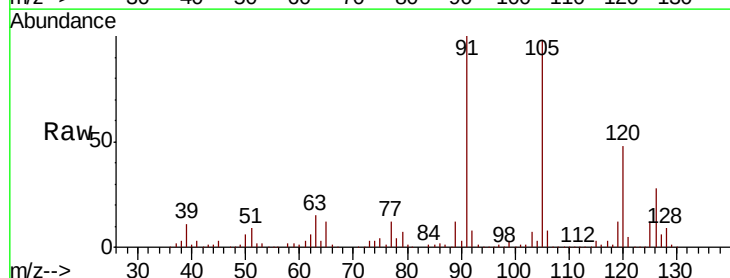
Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Tgt Ion: 91 Resp: 763054

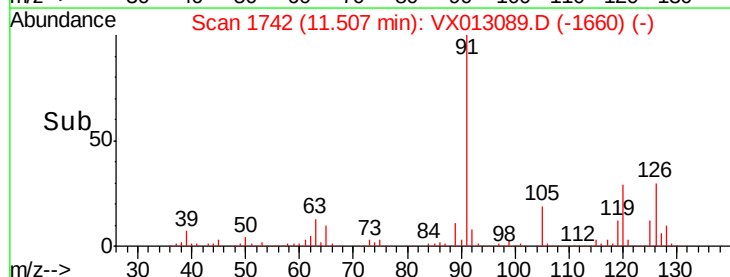
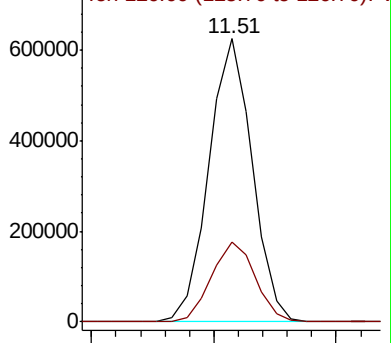
Ion	Ratio	Lower	Upper
91	100		
126	28.9	0.0	57.0

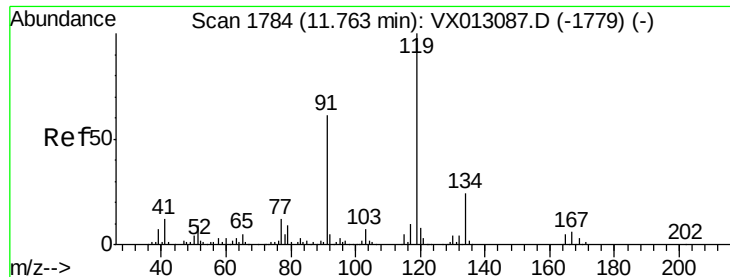


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

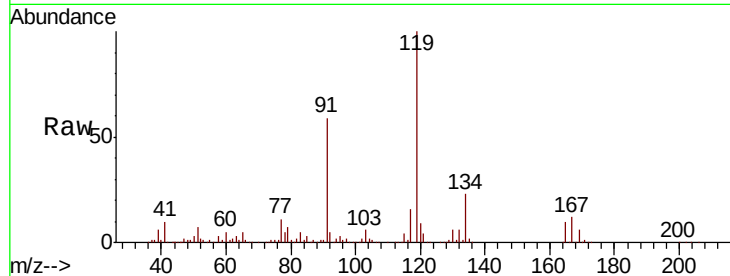




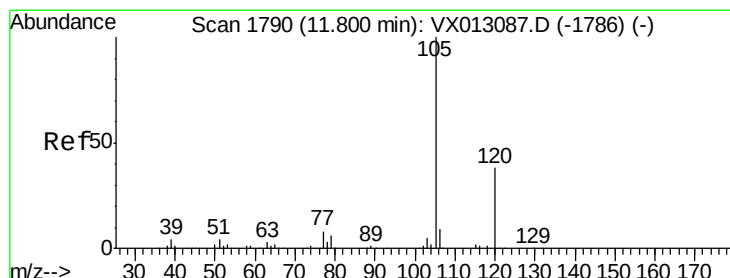
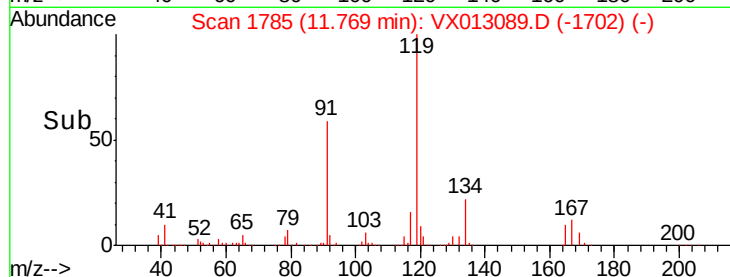
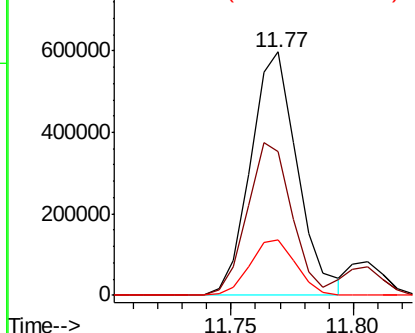
#79
tert-butylbenzene
Concen: 110.381 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 791754
Ion Ratio Lower Upper
119 100
91 59.7 0.0 122.2
134 22.5 0.0 46.6

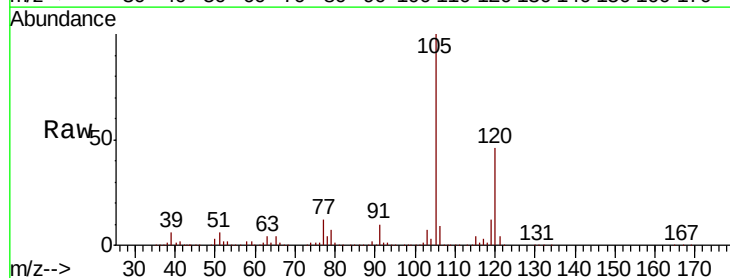


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

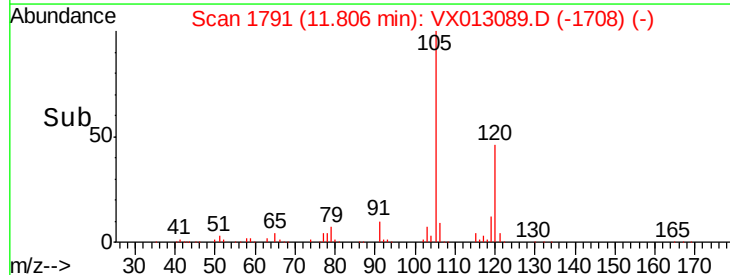
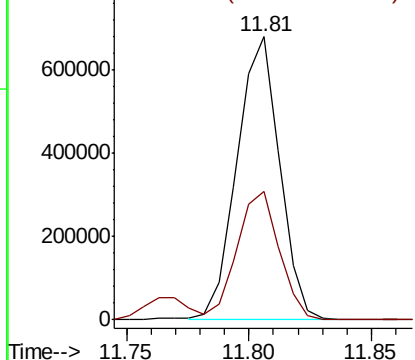


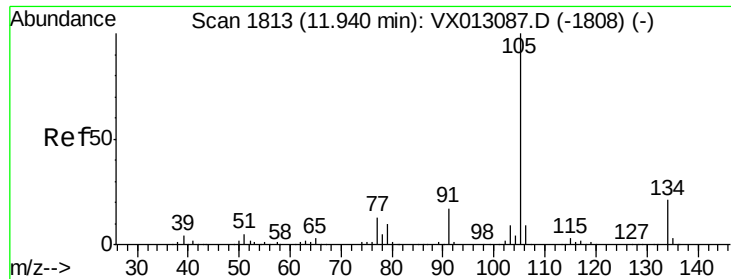
#80
1,2,4-Trimethylbenzene
Concen: 110.458 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013089.D
Acq: 16 Oct 2019 11:43

Tgt Ion:105 Resp: 825950
Ion Ratio Lower Upper
105 100
120 44.9 0.0 85.8



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

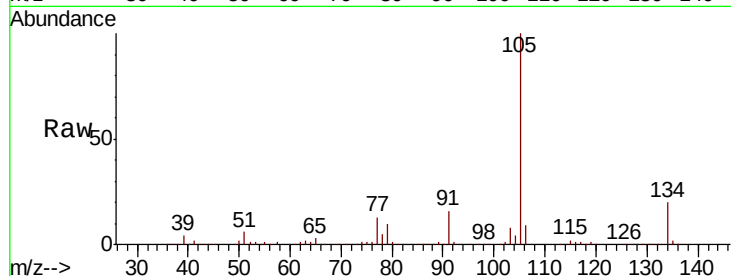




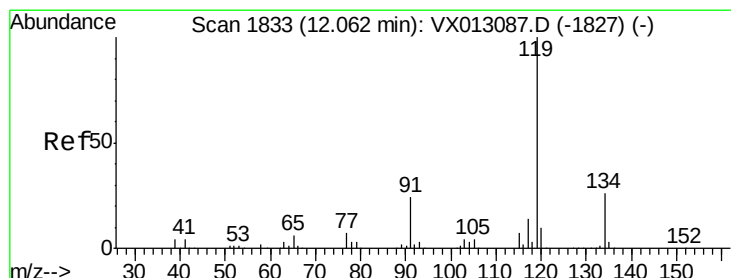
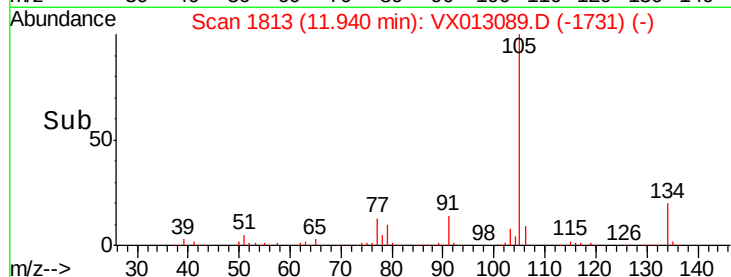
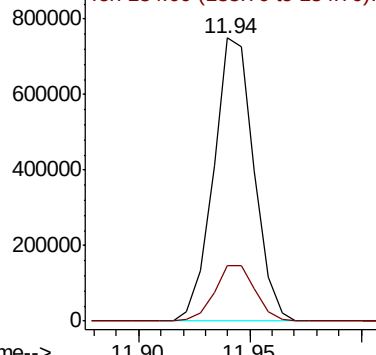
#81
 sec-Butylbenzene
 Concen: 111.841 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 945525
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.6

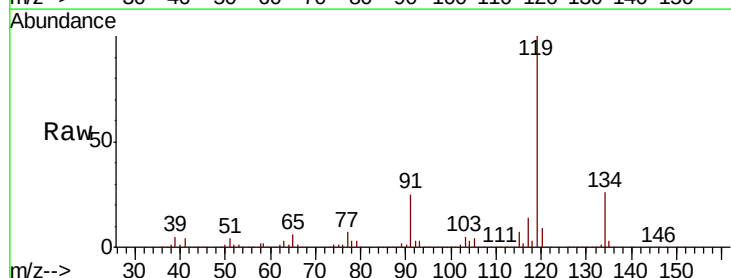


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

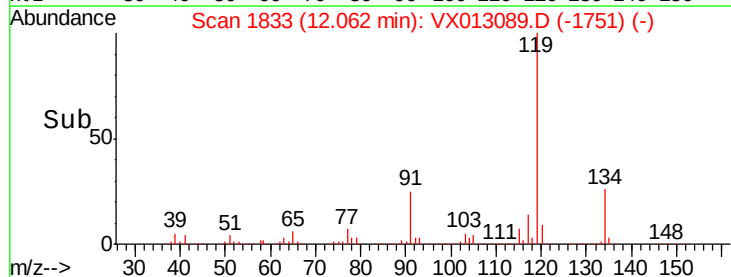
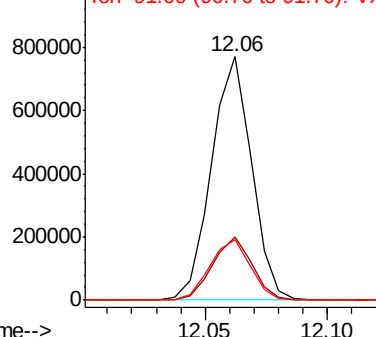


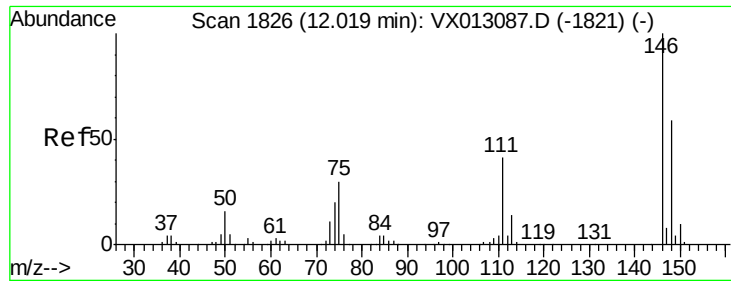
#82
 p-Isopropyltoluene
 Concen: 112.558 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion:119 Resp: 877328
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.0
 91 25.1 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

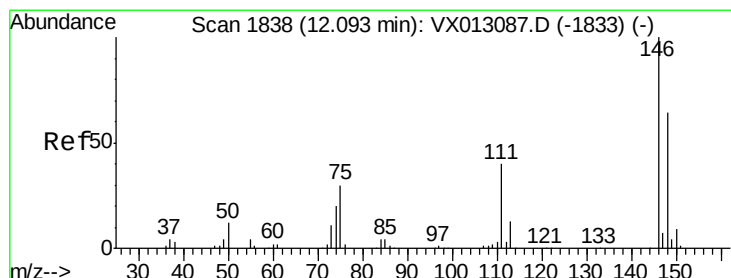
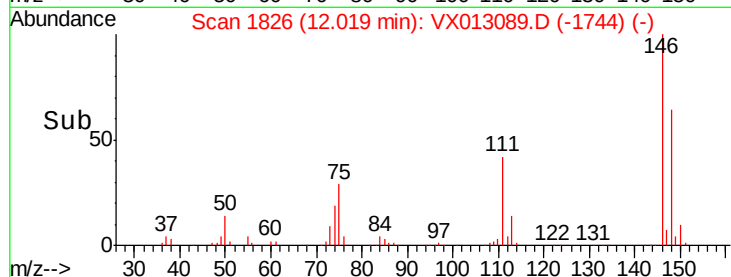
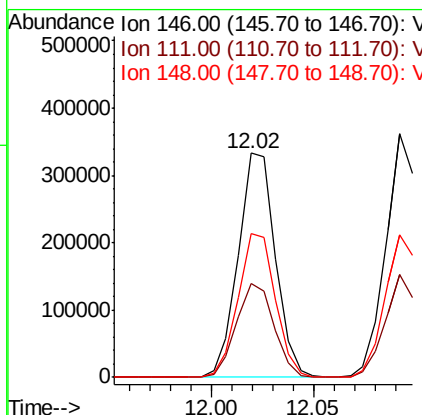
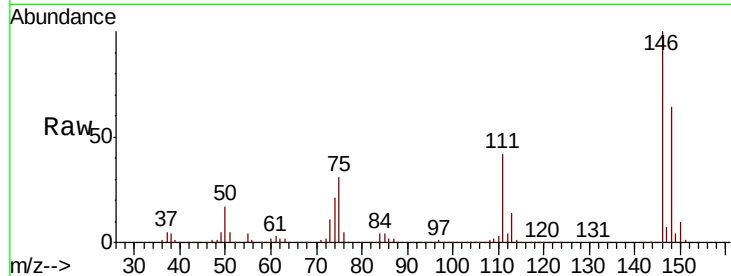




#83
 1,3-Dichlorobenzene
 Concen: 102.790 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

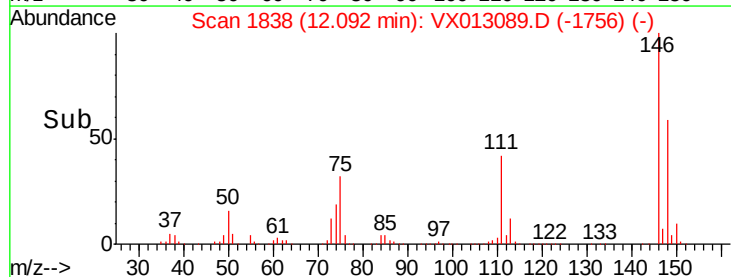
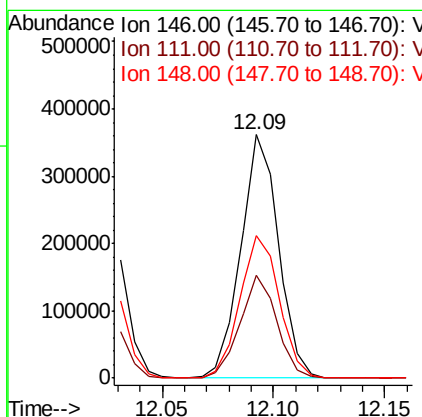
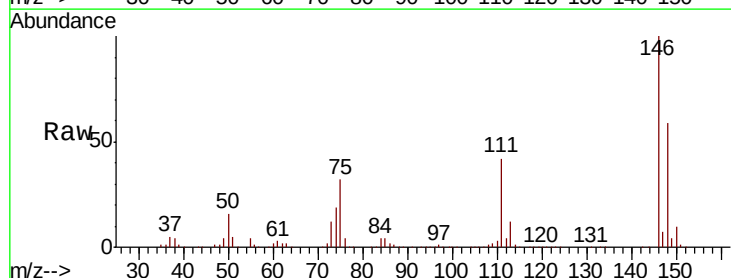
Instrument :
 MSVOA_X
 ClientSampled :

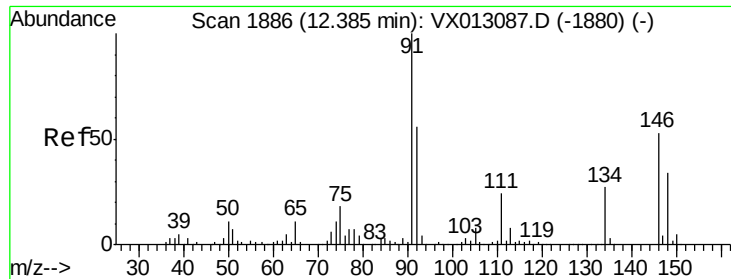
Tot Ion:146 Resp: 422736
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 64.2 30.4 91.2



#84
 1,4-Dichlorobenzene
 Concen: 104.767 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion:146 Resp: 426109
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 59.9
 148 61.5 31.9 95.7





#85

n-Butylbenzene

Concen: 111.091 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

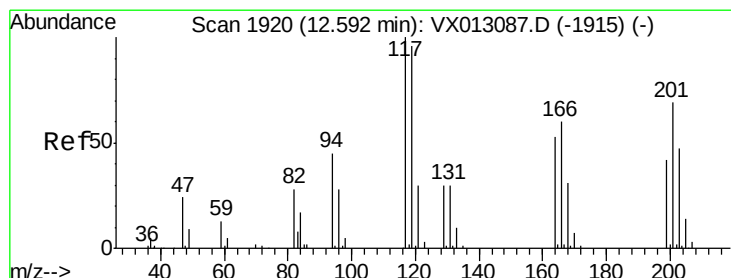
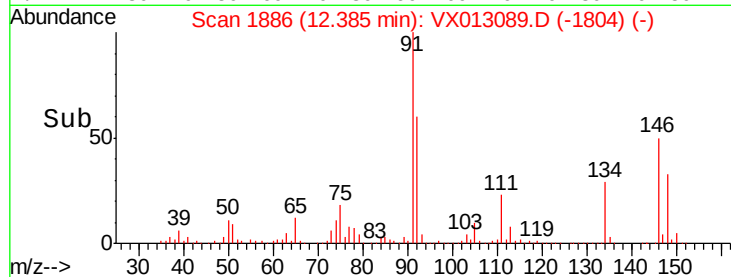
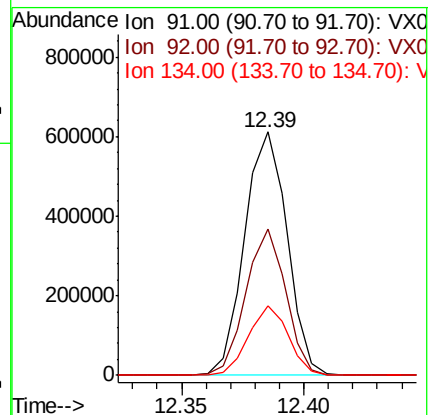
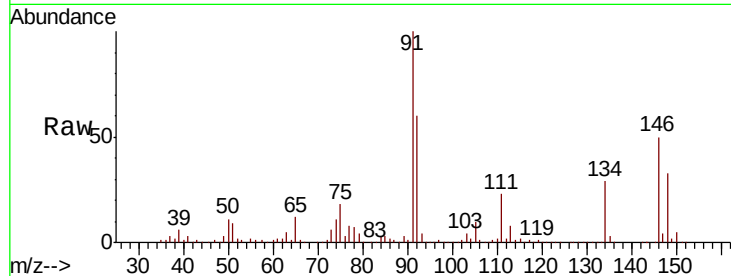
Tot Ion: 91 Resp: 739422

Ion Ratio Lower Upper

91 100

92 56.4 0.0 109.4

134 27.0 0.0 51.6



#86

Hexachloroethane

Concen: 122.977 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013089.D

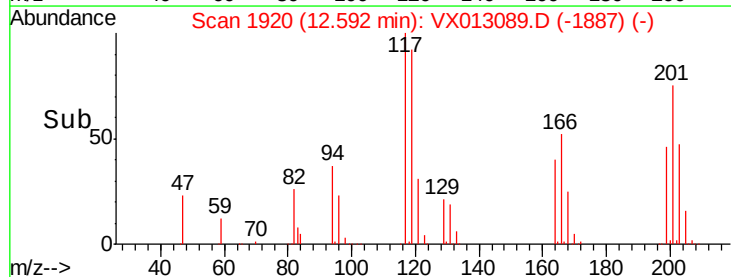
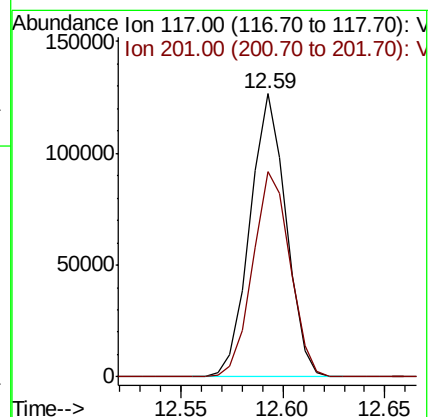
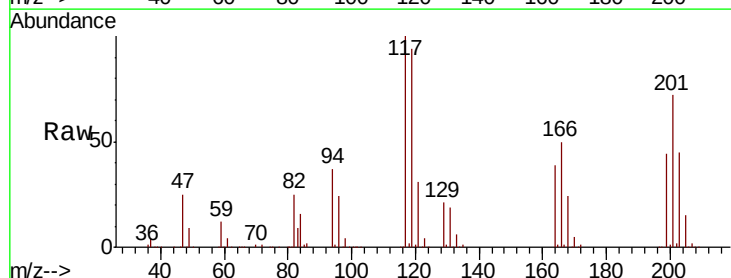
Acq: 16 Oct 2019 11:43

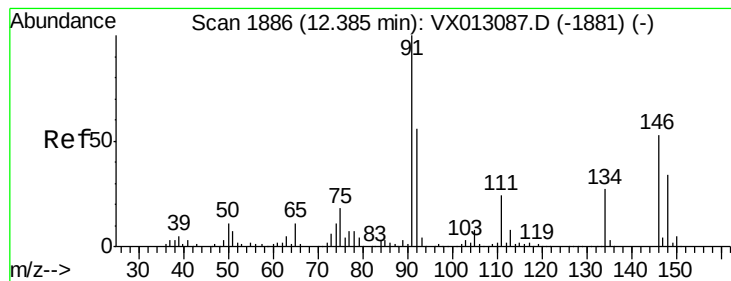
Tgt Ion: 117 Resp: 156348

Ion Ratio Lower Upper

117 100

201 74.9 34.2 102.5





#87

1,2-Dichlorobenzene

Concen: 101.626 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

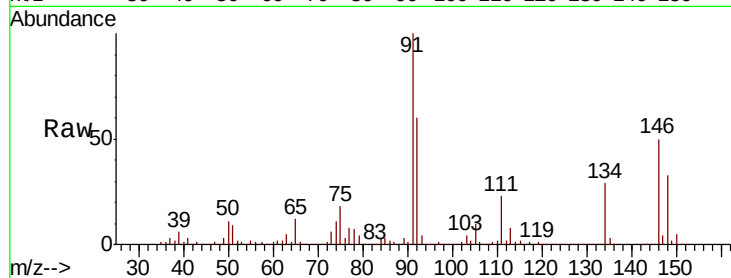
Tot Ion:146 Resp: 405225

Ion Ratio Lower Upper

146 100

111 44.7 22.3 66.9

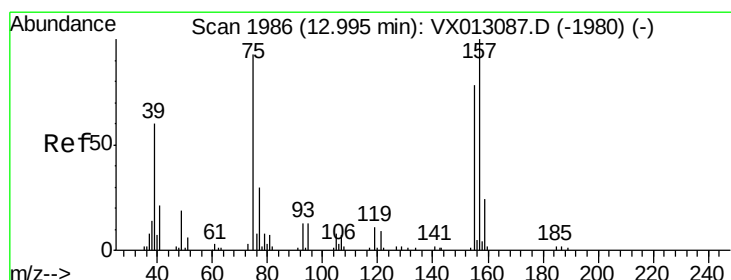
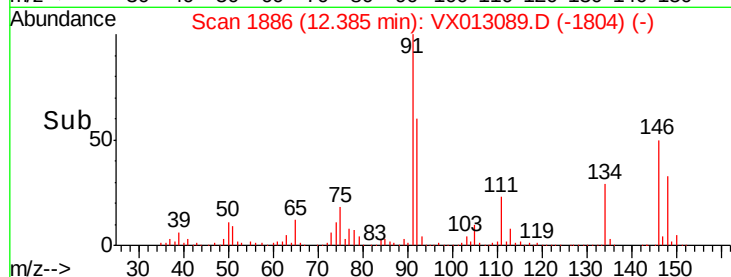
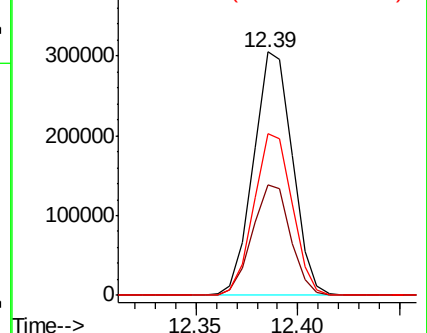
148 65.7 32.7 98.1



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: 120.478 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

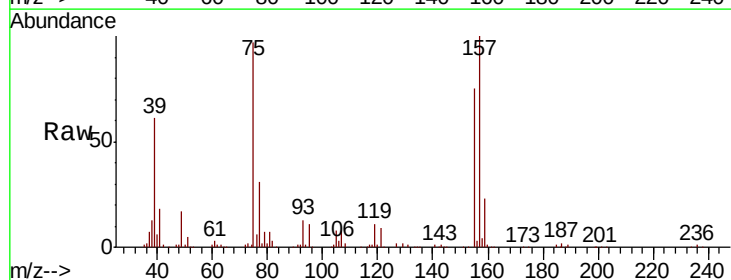
Tgt Ion: 75 Resp: 75626

Ion Ratio Lower Upper

75 100

155 85.4 68.4 102.6

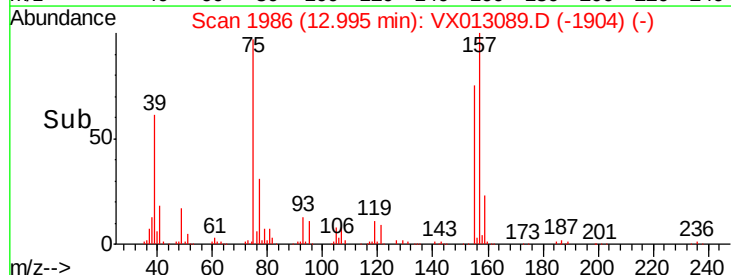
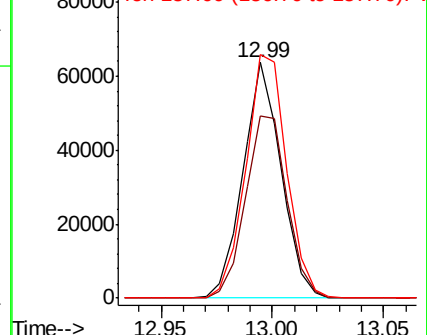
157 111.9 85.6 128.4

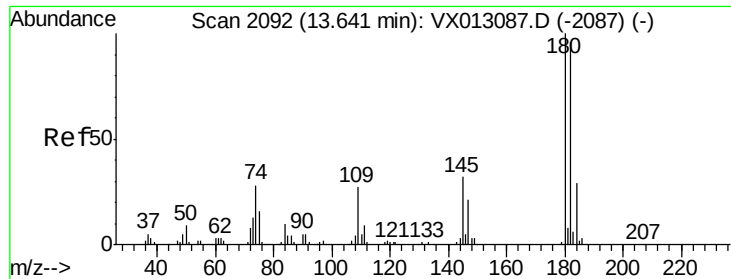


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

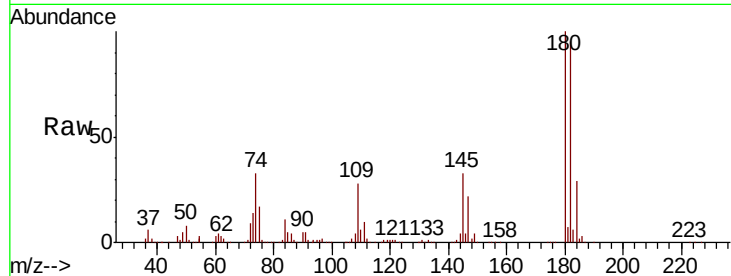




#89
 1,2,4-Trichlorobenzene
 Concen: 96.586 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.8	112.2
145	32.9	26.2	39.2

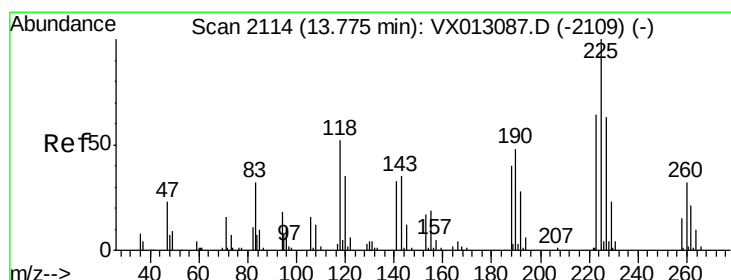
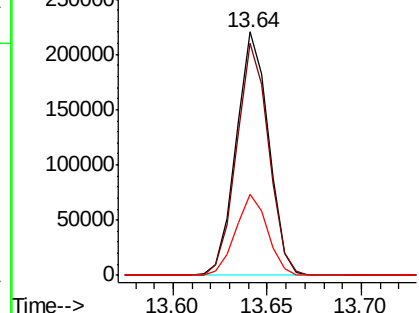
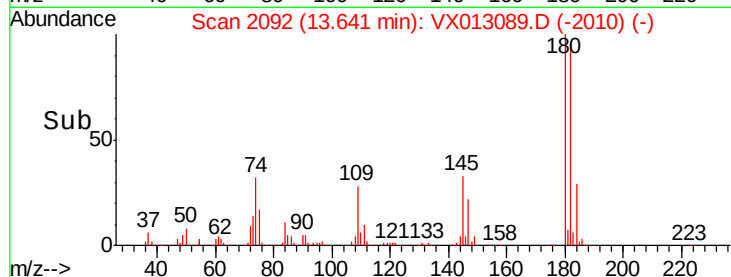


Abundance

Ion 180.00 (179.70 to 180.70): V

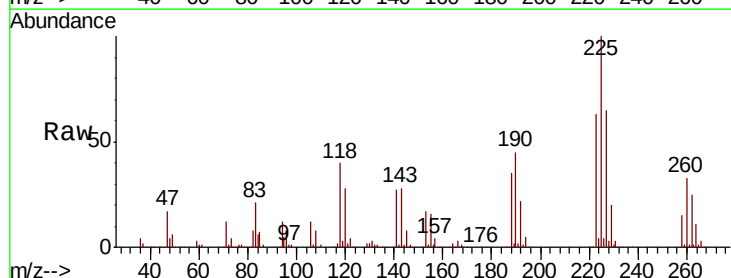
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 98.379 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013089.D
 Acq: 16 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	132.2
227	62.0	0.0	124.2

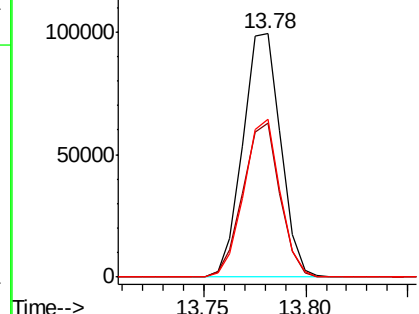
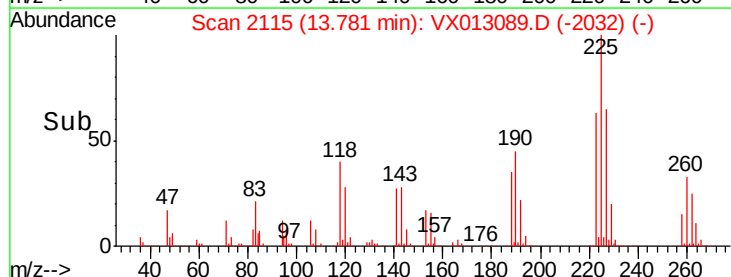


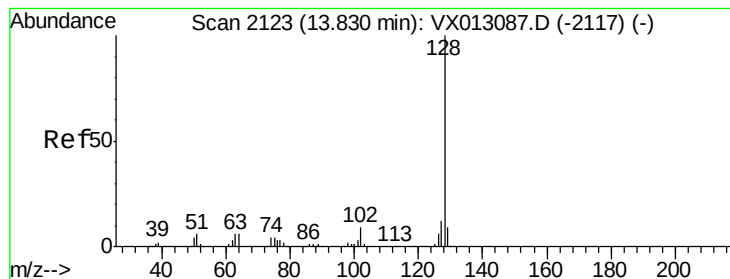
Abundance

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: 107.028 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

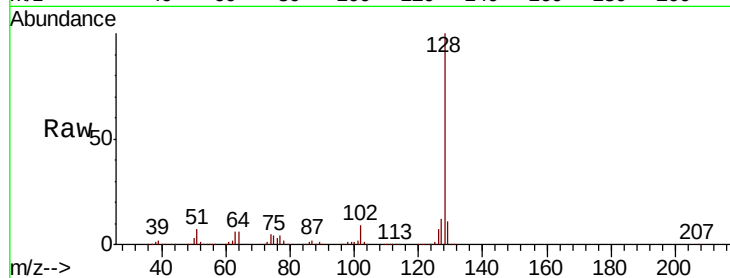
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 900477

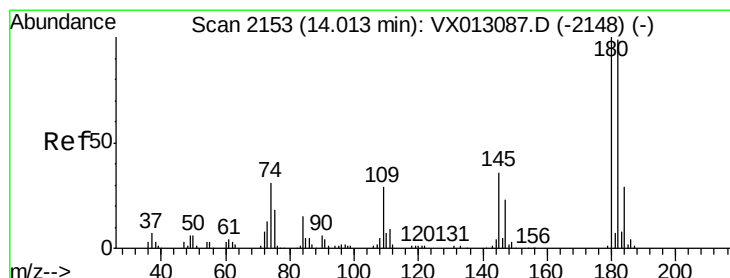
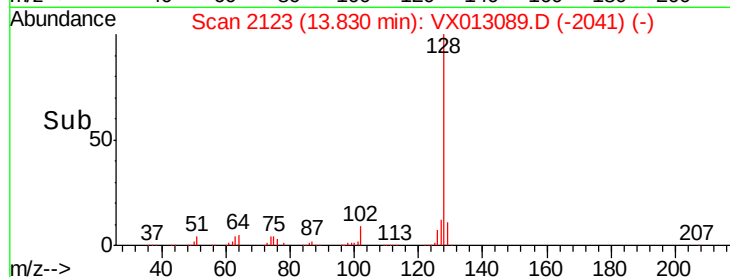
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	11.0	8.0	12.0



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: 95.348 ug/l

RT: 14.02 min Scan# 2154

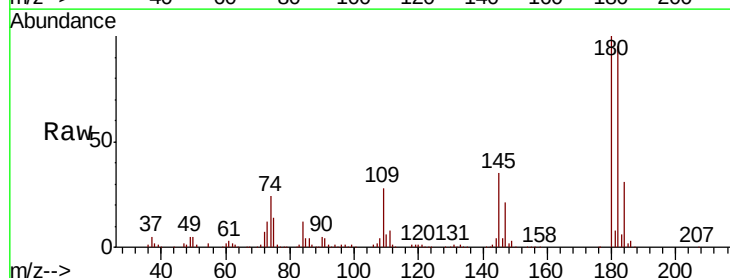
Delta R.T. 0.01 min

Lab File: VX013089.D

Acq: 16 Oct 2019 11:43

Tgt Ion:180 Resp: 258809

Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	195.2
145	35.2	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

