

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013093.D
 Acq On : 16 Oct 2019 13:51
 Operator : JC/SP
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 03:09:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	31124	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	175853	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	157551	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	70738	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.14	95	80355	29.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.13%
63) Toluene-d8	8.71	98	218568	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	40356	19.232	ug/l 98
3) Chloromethane	1.32	50	38633	18.757	ug/l 97
4) Vinyl Chloride	1.40	62	38525	18.751	ug/l 98
5) Bromomethane	1.63	94	23265	24.230	ug/l 99
6) Chloroethane	1.72	64	23465	18.577	ug/l 97
7) Trichlorofluoromethane	1.92	101	57621	19.087	ug/l 97
8) Diethyl Ether	2.18	74	21267	19.143	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36274	19.062	ug/l 97
10) 1,1-Dichloroethene	2.36	96	34792	18.585	ug/l 99
11) Methyl Iodide	2.50	142	31585	13.795	ug/l 99
12) Methyl Acetate	2.76	43	49204	18.795	ug/l 95
13) Acrolein	2.28	56	30767	81.674	ug/l 98
14) Acrylonitrile	3.13	53	100528	92.001	ug/l 99
15) Acetone	2.43	58	34726	89.771	ug/l 92
16) Carbon Disulfide	2.56	76	92197	18.212	ug/l 97
17) Allyl chloride	2.72	41	58580	18.440	ug/l 96
18) Methylene Chloride	2.85	84	39980	18.772	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	37789	18.852	ug/l 92
20) Diisopropyl ether	3.84	45	116674	19.143	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	67433	19.185	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	43028	18.678	ug/l 98
23) tert-Butyl Alcohol	3.03	59	45930	83.196	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	120311	18.856	ug/l 100
25) Chloroform	5.20	83	69036	18.995	ug/l 96
26) Cyclohexane	5.57	56	60218	18.854	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	51573	19.227	ug/l 99
30) 2-Butanone	4.65	43	145481	92.078	ug/l 100
31) 2,2-Dichloropropane	4.57	77	57329	18.893	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	58315	18.584	ug/l 99
33) Carbon Tetrachloride	5.78	117	50306	18.686	ug/l 95
34) Benzene	6.13	78	153801	19.314	ug/l 99
35) Methacrylonitrile	5.03	41	28548	18.426	ug/l 93
36) 1,2-Dichloroethane	6.18	62	55502	19.277	ug/l 99
37) Trichloroethene	7.21	130	40414	18.997	ug/l 100
38) Methylcyclohexane	7.46	83	63614	19.377	ug/l 99
39) 1,2-Dichloropropane	7.50	63	37890	18.947	ug/l 99
40) Dibromomethane	7.65	93	25596	18.847	ug/l 98

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Quant Time: Oct 17 03:09:42 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	50663	18.788	ug/l	97
42) Vinyl Acetate	3.80	43	495581	95.783	ug/l	100
43) Ethyl Acetate	4.81	43	54261	19.083	ug/l	98
44) Isopropyl Acetate	6.43	43	85596	18.667	ug/l	98
45) 1,4-Dioxane	7.73	88	20605	365.631	ug/l	97
46) Methyl methacrylate	7.76	41	42136	18.802	ug/l	89
47) n-amyl Acetate	10.89	43	70808	18.137	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	55753	18.682	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	61438	18.661	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	38773	18.917	ug/l	98
51) Ethyl methacrylate	9.17	69	58937	18.283	ug/l	97
52) 1,3-Dichloropropane	9.37	76	66465	19.322	ug/l	100
53) Dibromochloromethane	9.57	129	37759	17.940	ug/l	98
54) 1,2-Dibromoethane	9.67	107	40396	18.738	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	138757	97.842	ug/l	99
56) Bromoform	10.85	173	25675	17.530	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	269255	93.924	ug/l	100
59) 2-Hexanone	9.48	43	206382	92.256	ug/l	100
61) Tetrachloroethene	9.33	164	39533	19.695	ug/l	93
62) Toluene	8.78	91	163464	19.092	ug/l	99
64) Chlorobenzene	10.14	112	103342	18.991	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	36992	18.509	ug/l	99
66) Ethyl Benzene	10.25	91	186227	19.056	ug/l	97
67) m/p-Xylenes	10.35	106	140802	38.297	ug/l	99
68) o-Xylene	10.70	106	68213	19.053	ug/l	97
69) Styrene	10.71	104	113177	18.363	ug/l	98
70) Isopropylbenzene	11.01	105	183661	19.207	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	58505	18.800	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	65014	25.125	ug/l	82
73) Bromobenzene	11.25	156	42295	18.545	ug/l	97
74) n-propylbenzene	11.35	91	200308	18.754	ug/l	100
75) 2-Chlorotoluene	11.42	91	124225	18.985	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	155938	19.164	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	17710	17.685	ug/l	96
78) 4-Chlorotoluene	11.51	91	144719	19.127	ug/l	99
79) tert-butylbenzene	11.77	119	145701	19.035	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	151394	18.657	ug/l	97
81) sec-Butylbenzene	11.94	105	168953	18.323	ug/l	100
82) p-Isopropyltoluene	12.06	119	160010	19.031	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	77399	18.724	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	76954	18.509	ug/l	98
85) n-Butylbenzene	12.38	91	129997	18.113	ug/l	98
86) Hexachloroethane	12.59	117	26222	17.997	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	73565	18.044	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	12815	17.933	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	48127	18.920	ug/l	98
90) Hexachlorobutadiene	13.78	225	22761	18.852	ug/l	98
91) Naphthalene	13.83	128	149923	17.329	ug/l	97
92) 1,2,3-Trichlorobenzene	14.01	180	46268	18.158	ug/l	99

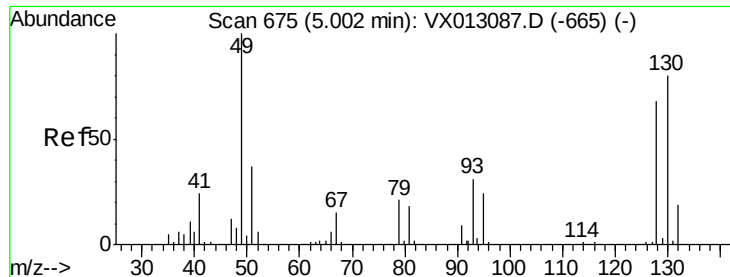
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
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QLast Update : Thu Oct 17 03:05:35 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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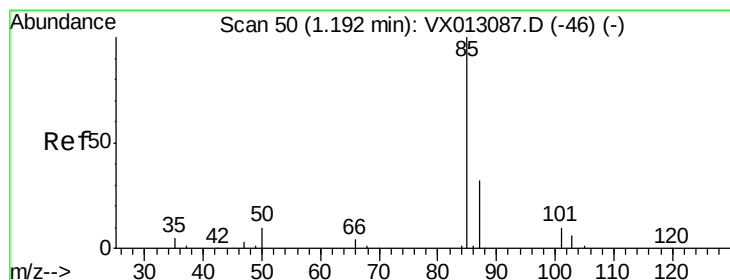
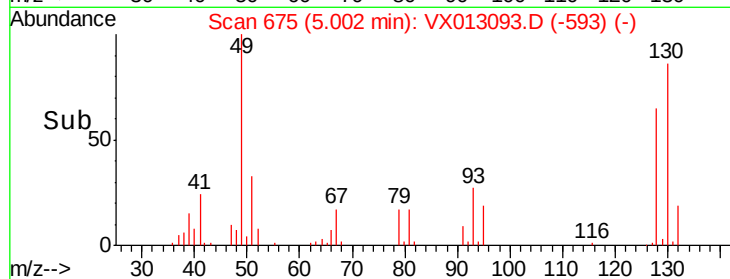
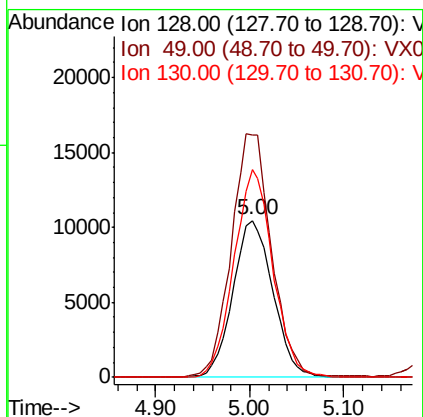
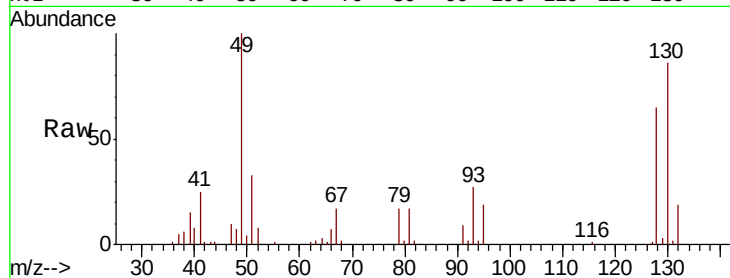
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

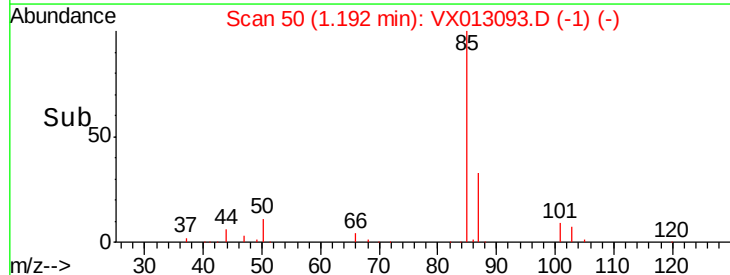
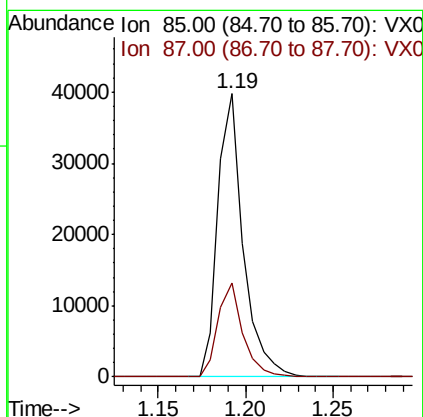
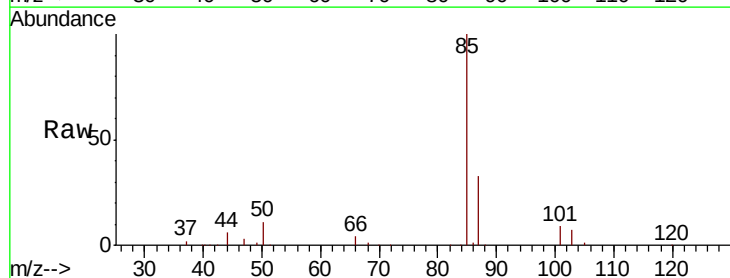
Instrument :
 MSVOA_X
 ClientSampleId :

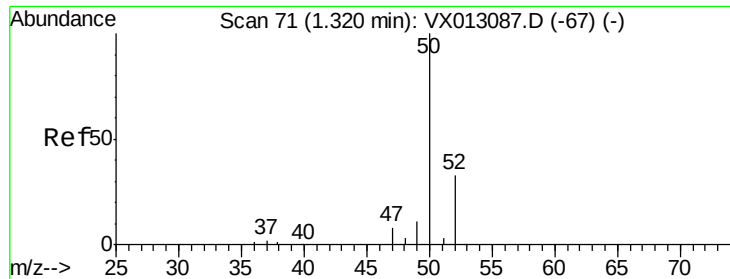
Tot Ion:128 Resp: 31124
 Ion Ratio Lower Upper
 128 100
 49 155.3 0.0 382.3
 130 128.7 0.0 321.8



#2
 Dichlorodifluoromethane
 Concen: 19.232 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 85 Resp: 40356
 Ion Ratio Lower Upper
 85 100
 87 33.3 16.2 48.5





#3

Chloromethane

Concen: 18.757 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

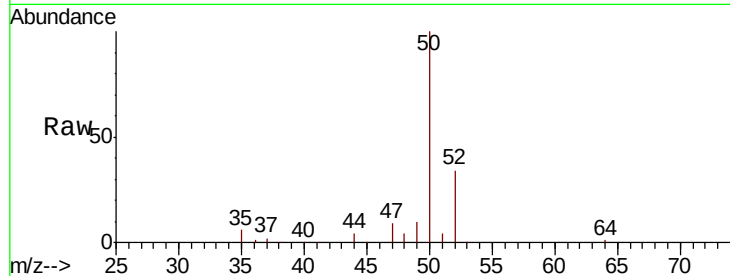
ClientSampleId :

Tot Ion: 50 Resp: 38633

Ion Ratio Lower Upper

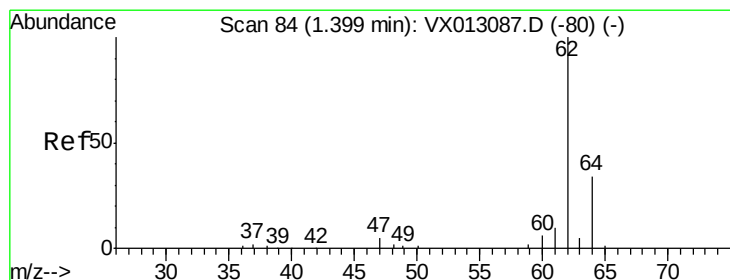
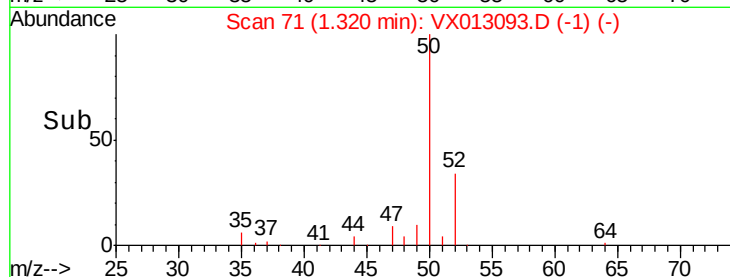
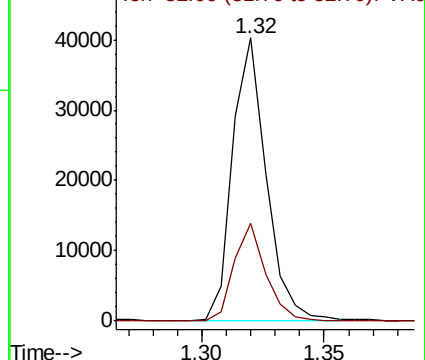
50 100

52 34.4 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.751 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013093.D

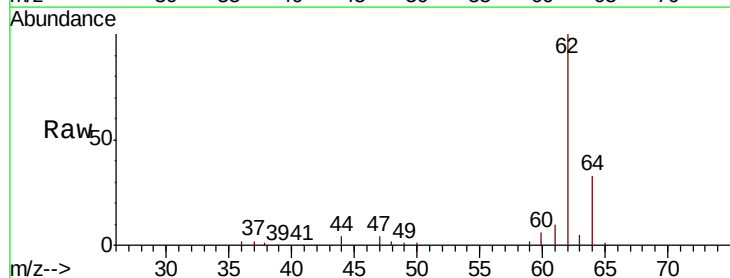
Acq: 16 Oct 2019 13:51

Tgt Ion: 62 Resp: 38525

Ion Ratio Lower Upper

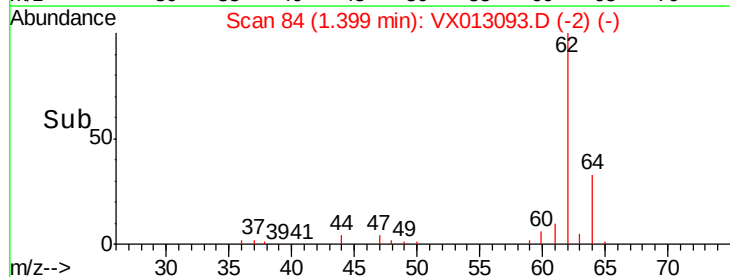
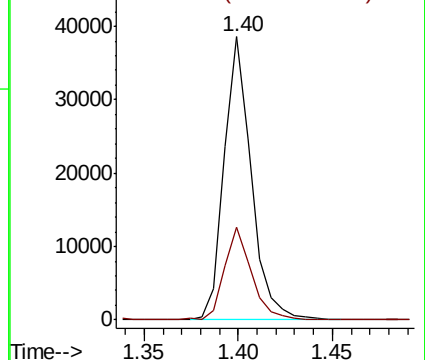
62 100

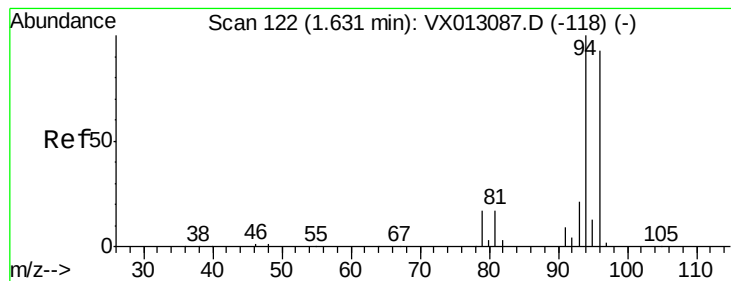
64 32.8 27.4 41.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 24.230 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

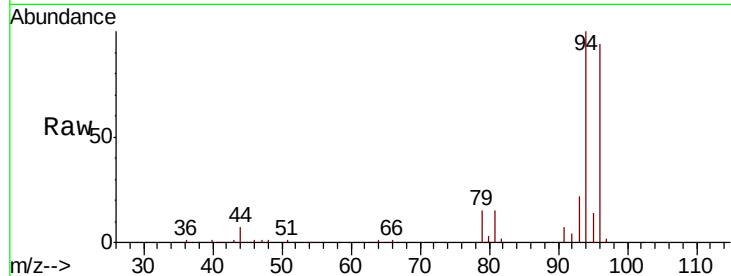
ClientSampleId :

Tot Ion: 94 Resp: 23265

Ion Ratio Lower Upper

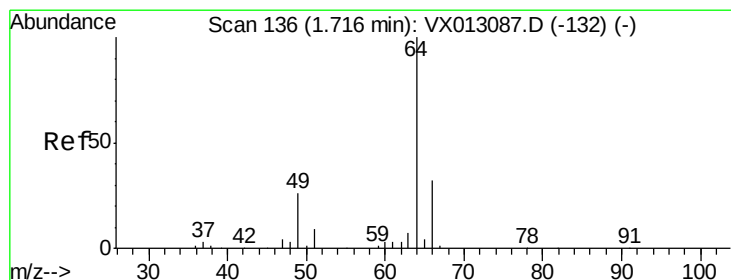
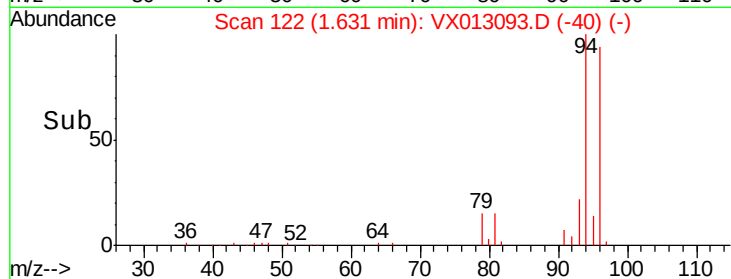
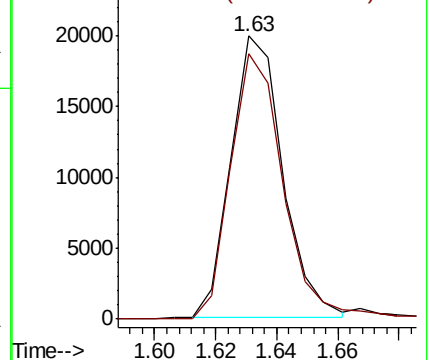
94 100

96 94.0 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.577 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013093.D

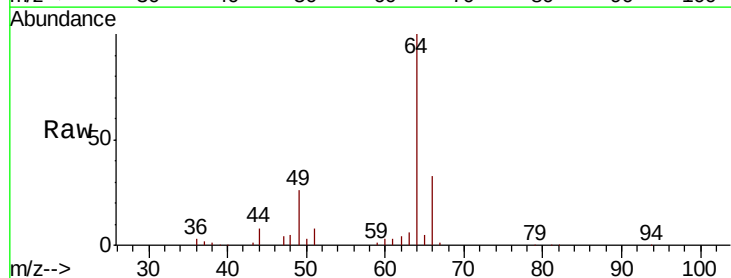
Acq: 16 Oct 2019 13:51

Tgt Ion: 64 Resp: 23465

Ion Ratio Lower Upper

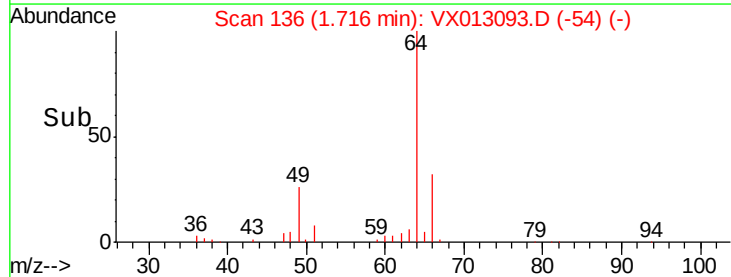
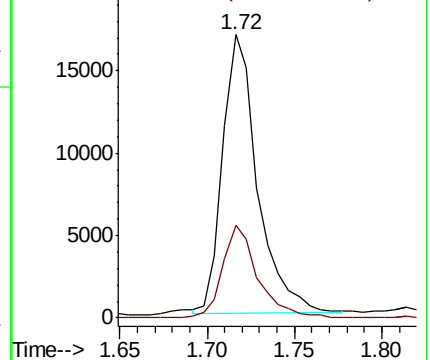
64 100

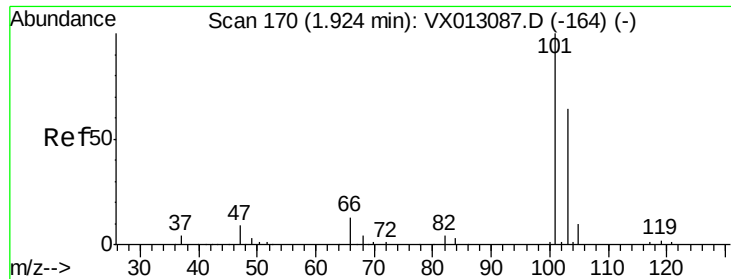
66 33.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



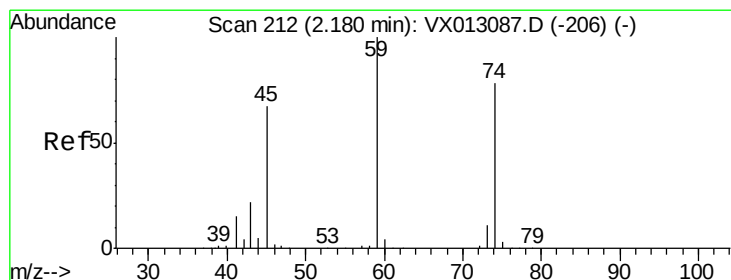
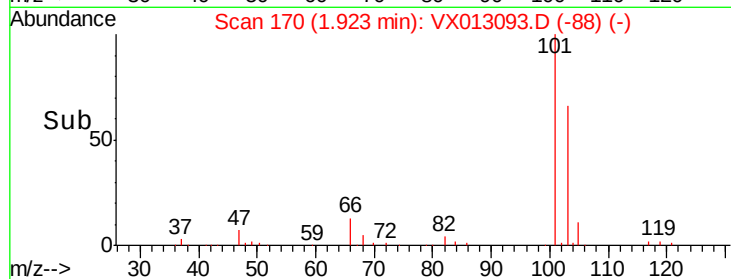
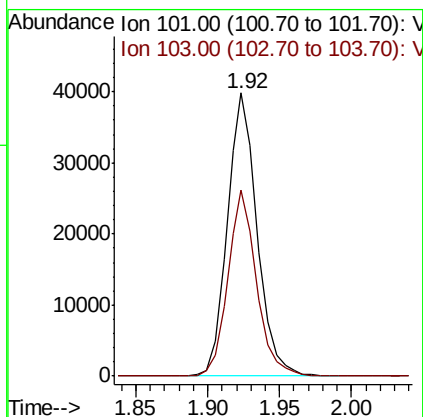
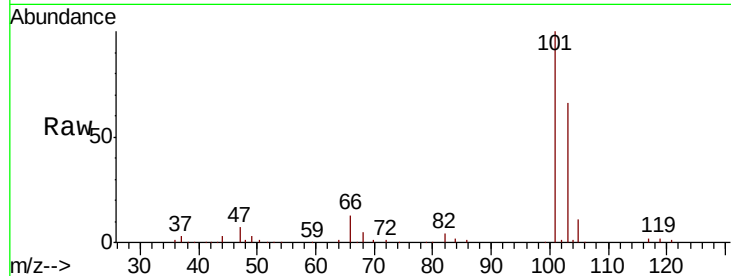


#7

Trichlorofluoromethane
Concen: 19.087 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

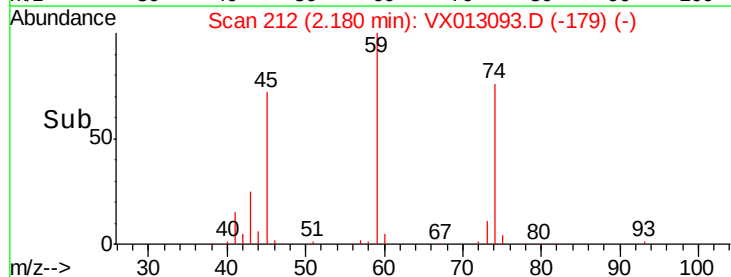
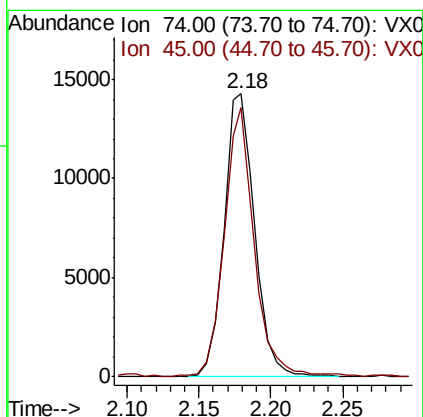
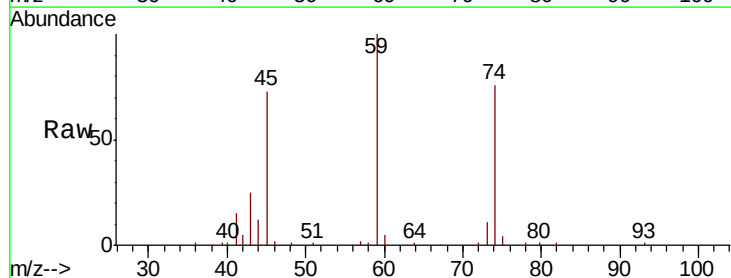
Tot Ion:101 Resp: 57621
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

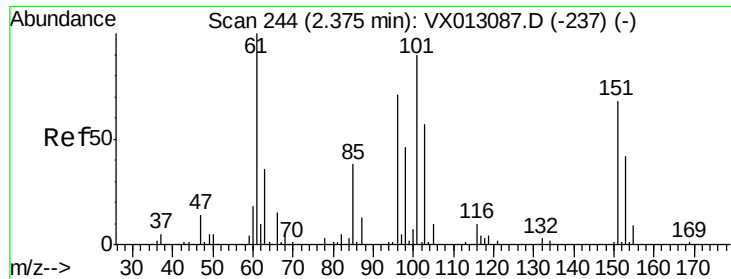


#8

Diethyl Ether
Concen: 19.143 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 74 Resp: 21267
Ion Ratio Lower Upper
74 100
45 93.0 18.2 163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.062 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

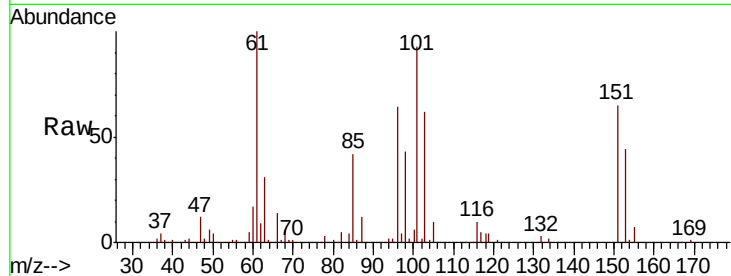
Tot Ion:101 Resp: 36274

Ion Ratio Lower Upper

101 100

85 44.8 0.0 85.2

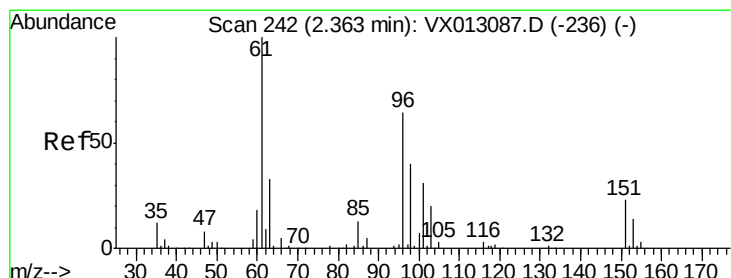
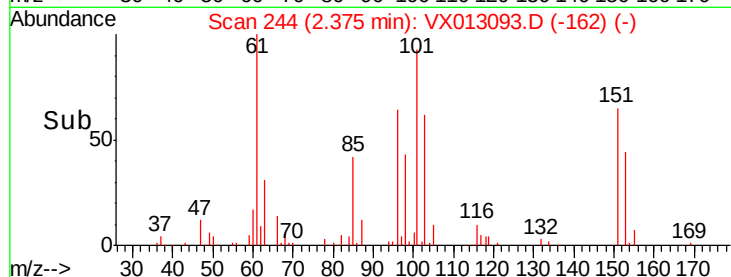
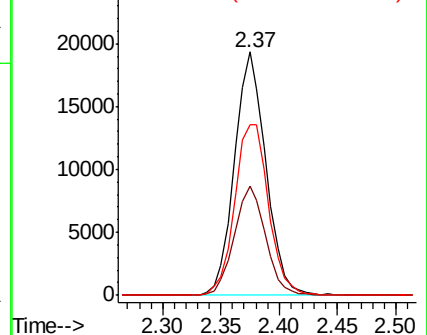
151 75.6 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.585 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

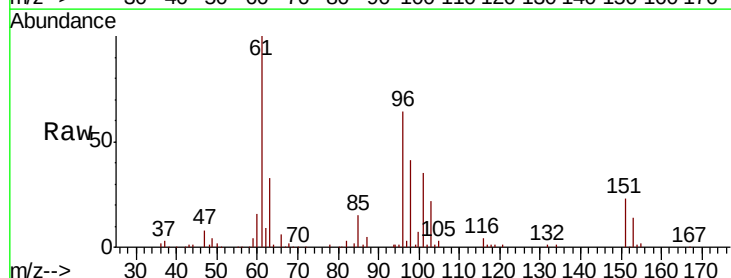
Tgt Ion: 96 Resp: 34792

Ion Ratio Lower Upper

96 100

61 155.3 124.2 186.2

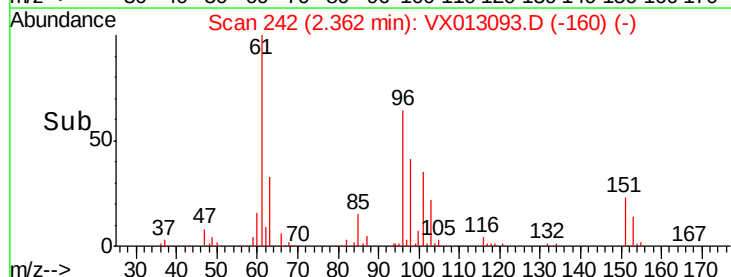
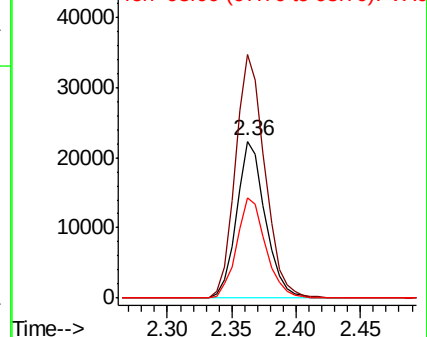
98 64.1 50.2 75.2

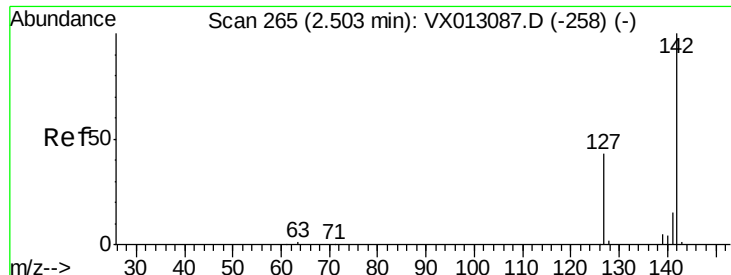


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

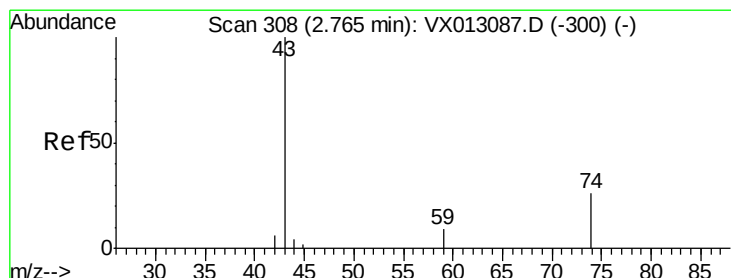
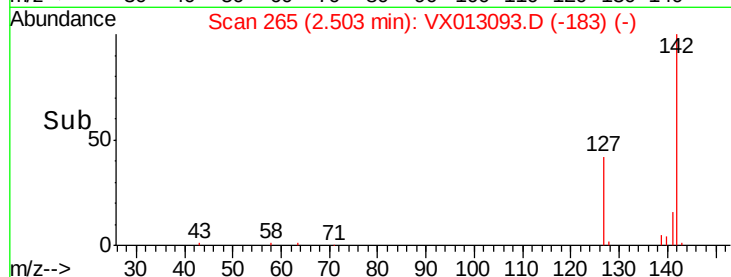
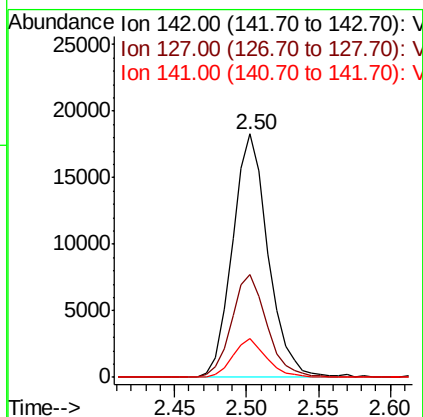
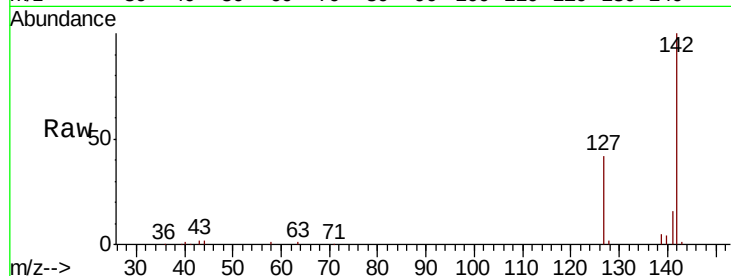




#11
Methvl Iodide
Concen: 13.795 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

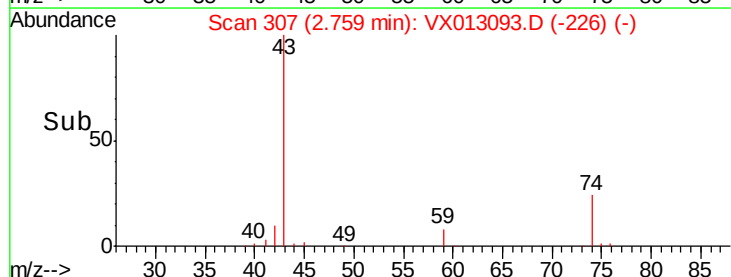
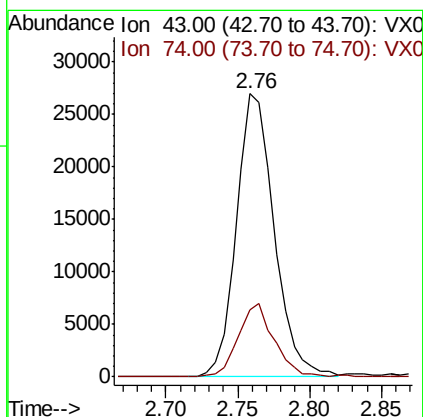
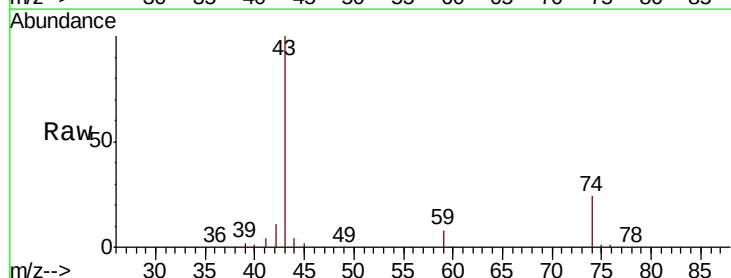
Instrument :
MSVOA_X
ClientSampleId :

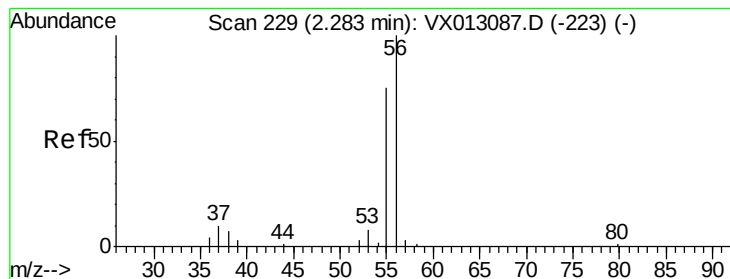
Tot Ion:142 Resp: 31585
Ion Ratio Lower Upper
142 100
127 42.3 21.4 64.2
141 16.1 7.3 21.9



#12
Methyl Acetate
Concen: 18.795 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 43 Resp: 49204
Ion Ratio Lower Upper
43 100
74 23.7 20.9 31.3





#13

Acrolein

Concen: 81.674 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

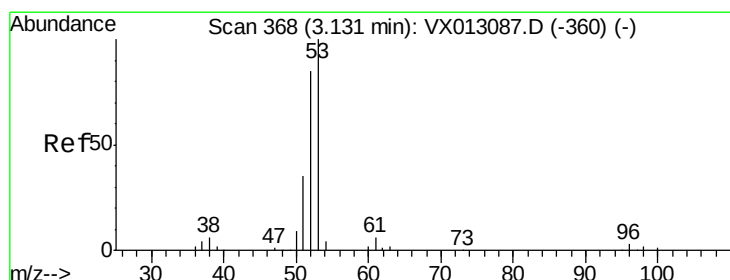
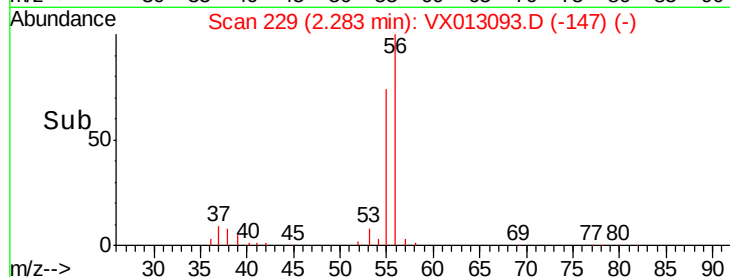
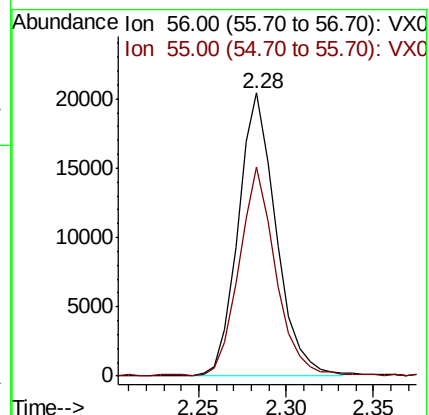
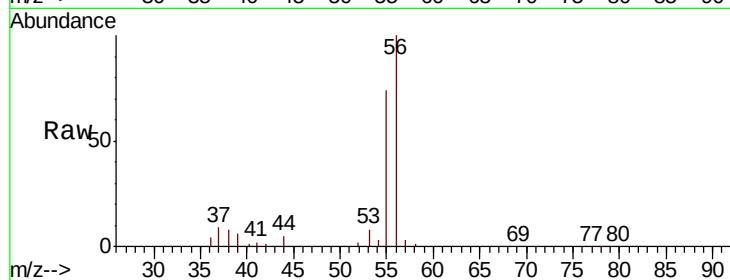
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30767

Ion Ratio Lower Upper

56 100

55 70.3 57.8 86.8



#14

Acrylonitrile

Concen: 92.001 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

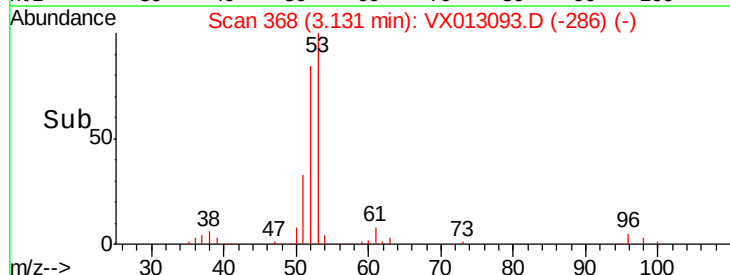
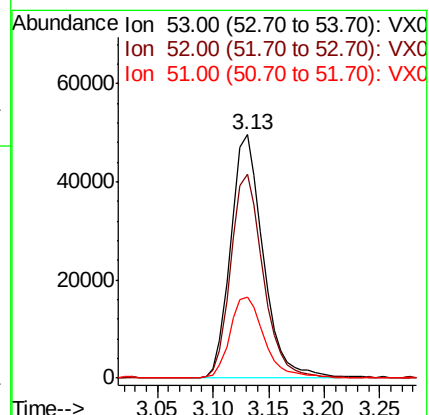
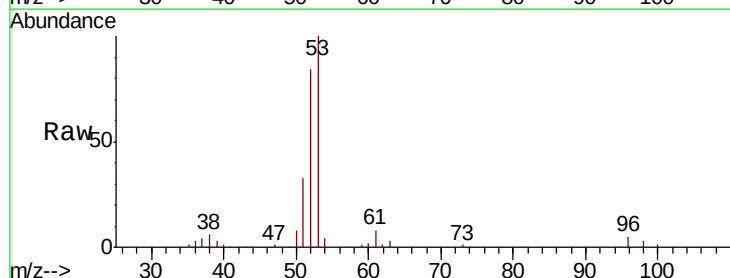
Tgt Ion: 53 Resp: 100528

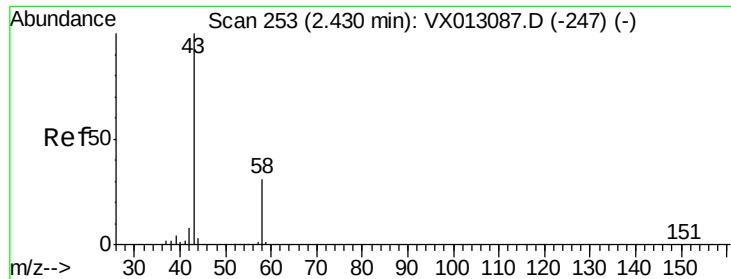
Ion Ratio Lower Upper

53 100

52 83.8 41.4 124.2

51 35.6 18.1 54.4





#15

Acetone

Concen: 89.771 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

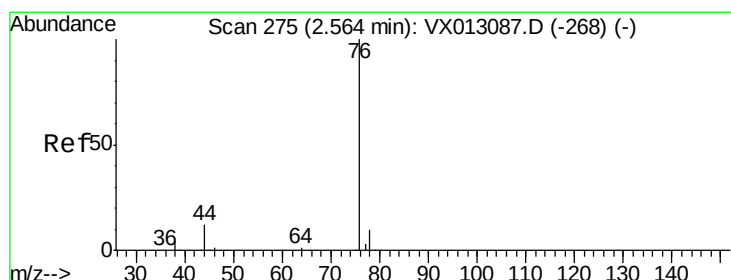
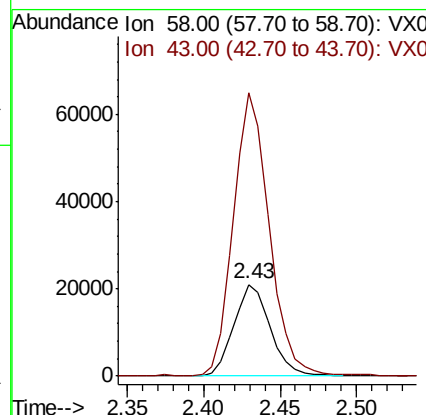
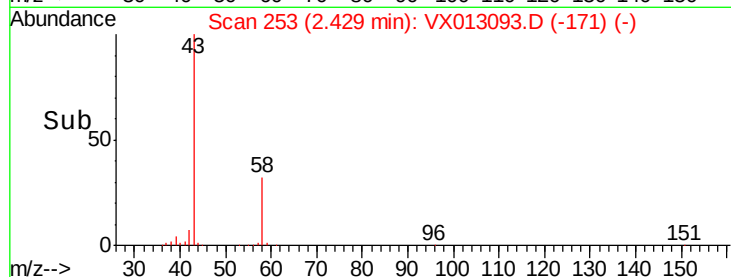
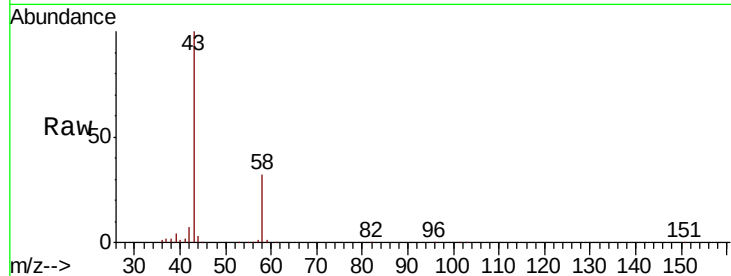
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 34726

Ion Ratio Lower Upper

58 100

43 308.5 259.5 389.3



#16

Carbon Disulfide

Concen: 18.212 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013093.D

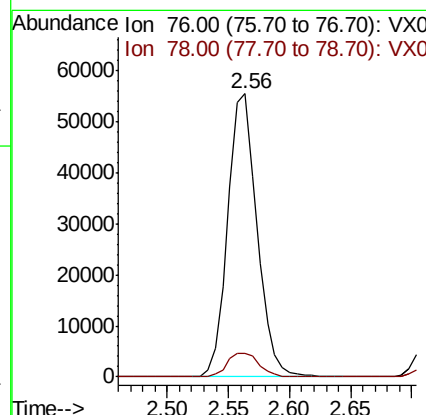
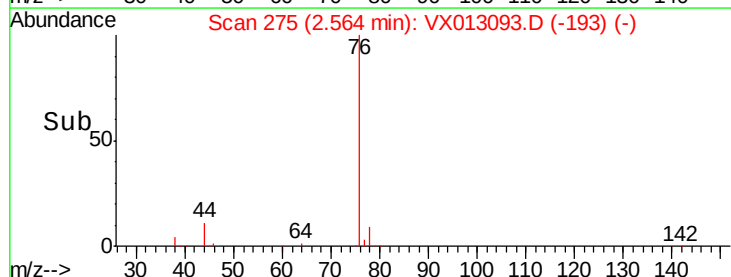
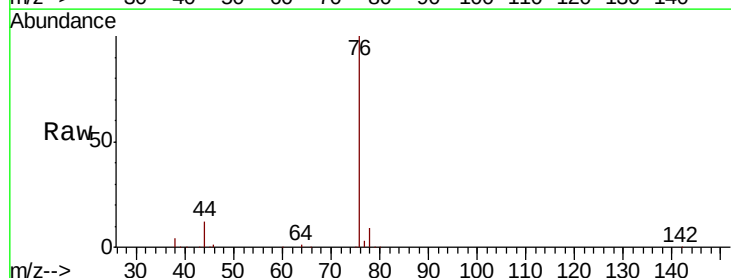
Acq: 16 Oct 2019 13:51

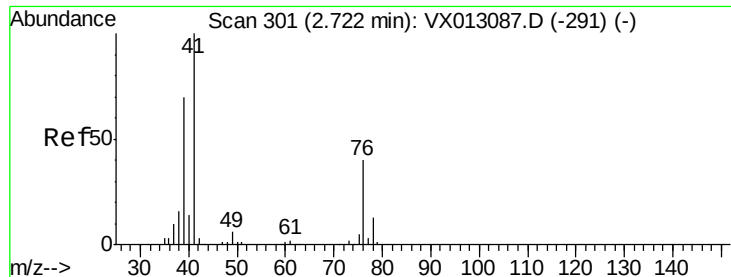
Tgt Ion: 76 Resp: 92197

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6

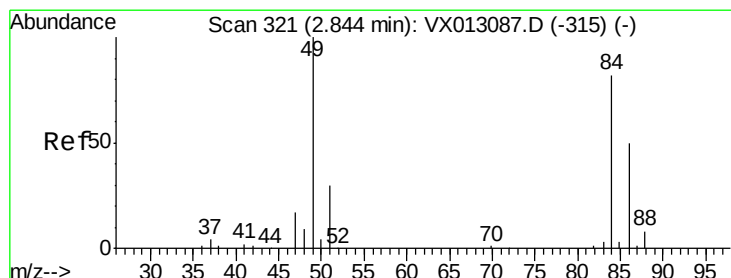
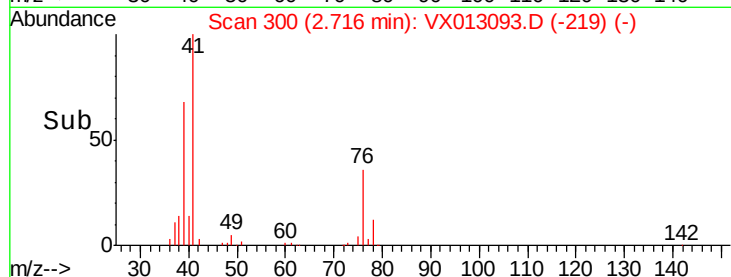
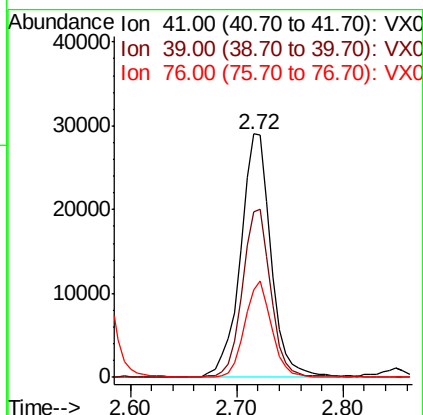
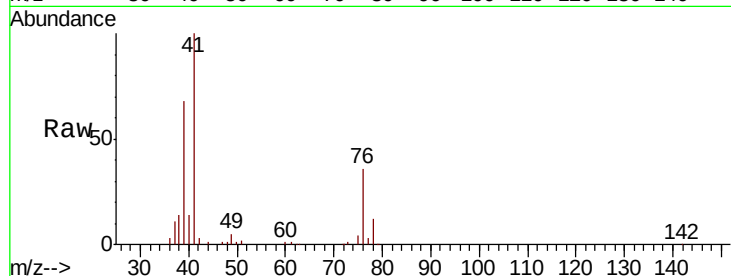




#17
Allvl chloride
Concen: 18.440 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

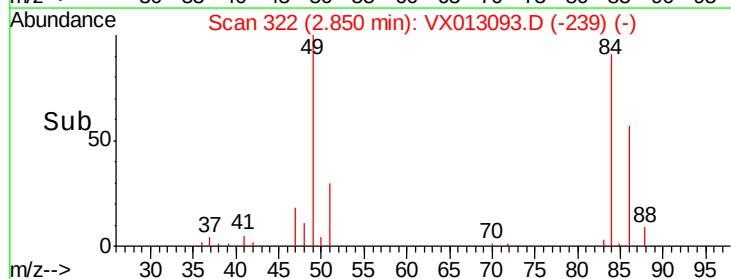
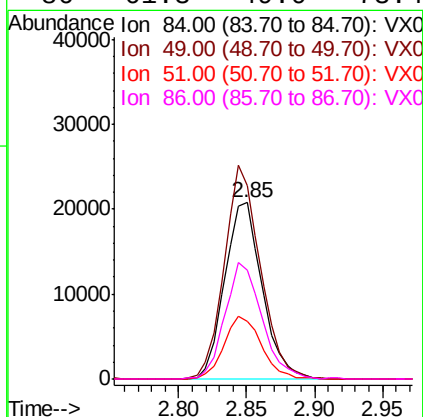
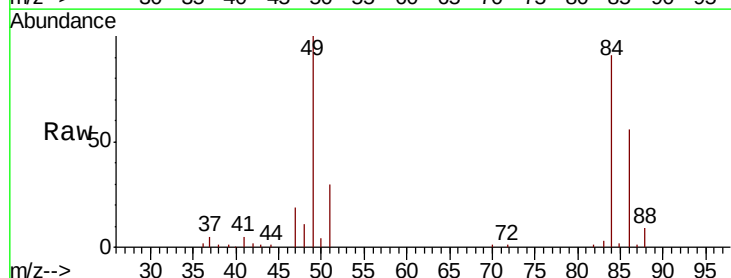
Instrument :
MSVOA_X
ClientSampleId :

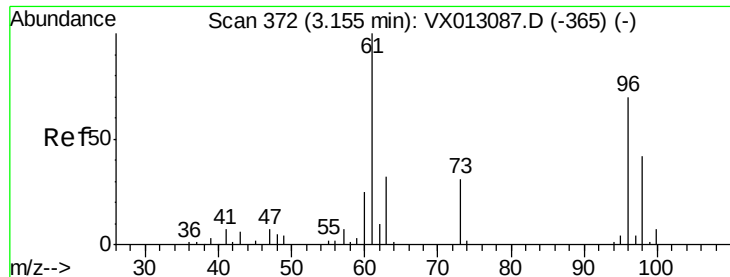
Tot Ion: 41 Resp: 58580
Ion Ratio Lower Upper
41 100
39 68.0 34.8 104.5
76 35.4 20.2 60.5



#18
Methylene Chloride
Concen: 18.772 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 84 Resp: 39980
Ion Ratio Lower Upper
84 100
49 109.5 97.8 146.6
51 32.7 29.2 43.8
86 61.3 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 18.852 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

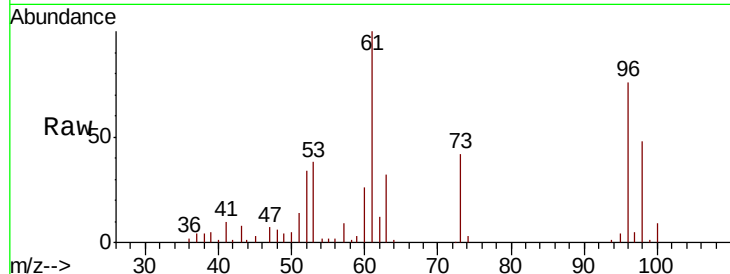
Tot Ion: 96 Resp: 37789

Ion Ratio Lower Upper

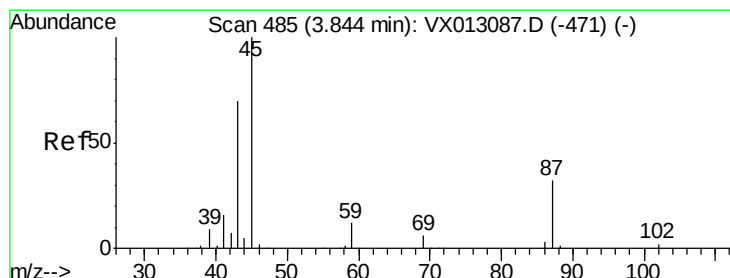
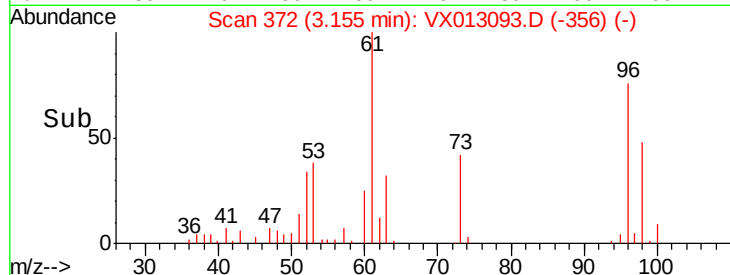
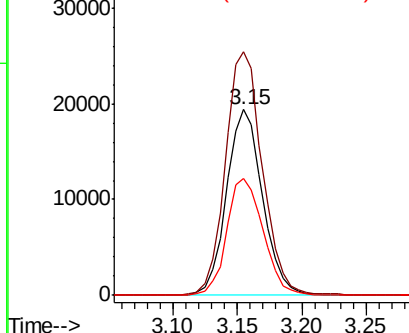
96 100

61 130.6 113.9 170.9

98 63.1 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: 19.143 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Tgt Ion: 45 Resp: 116674

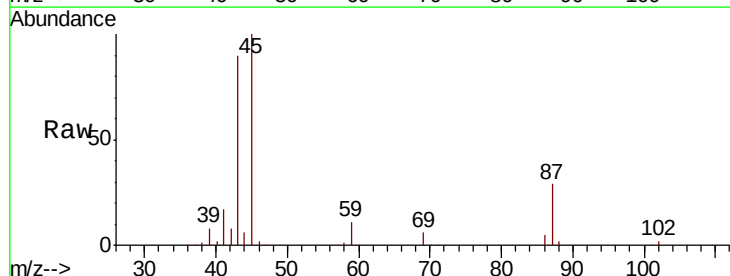
Ion Ratio Lower Upper

45 100

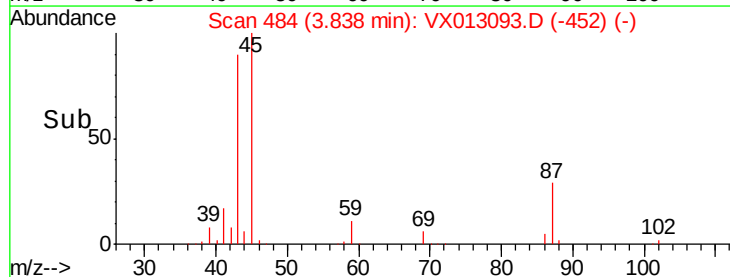
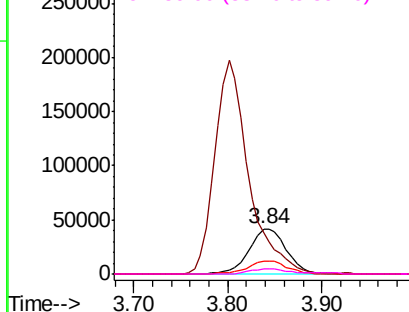
43 88.2 57.5 86.3#

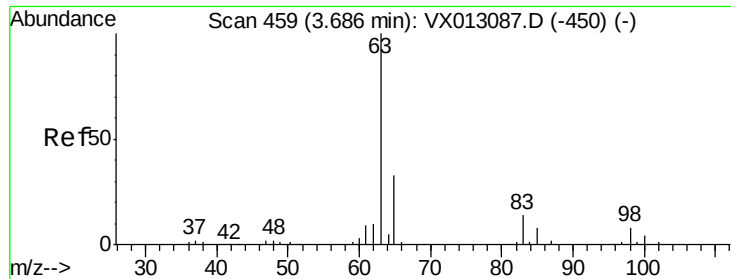
87 29.0 25.3 37.9

59 11.4 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

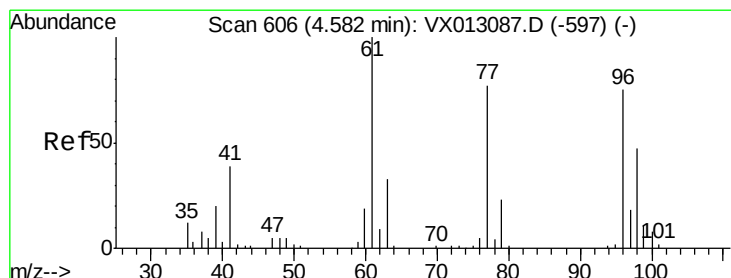
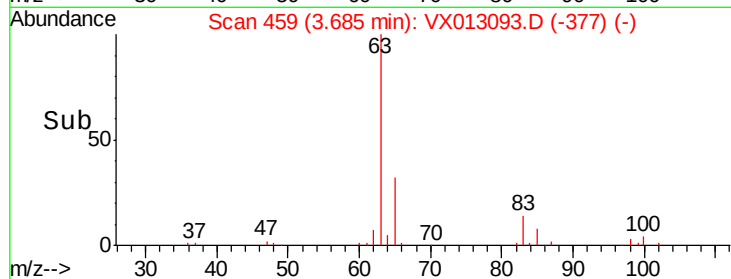
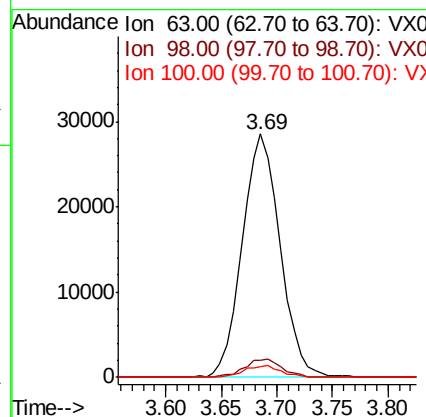
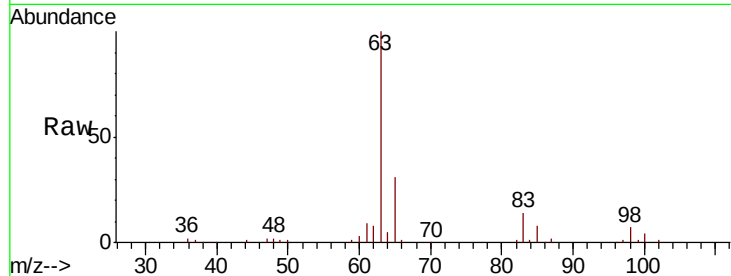




#21
 1,1-Dichloroethane
 Concen: 19.185 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

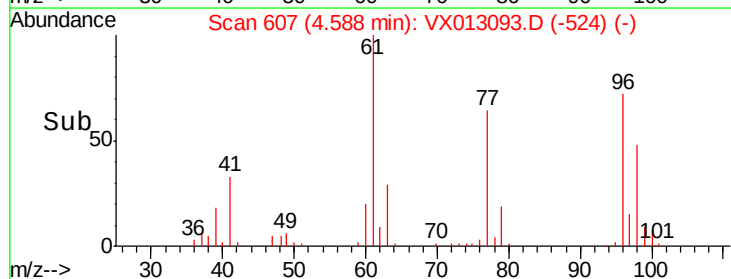
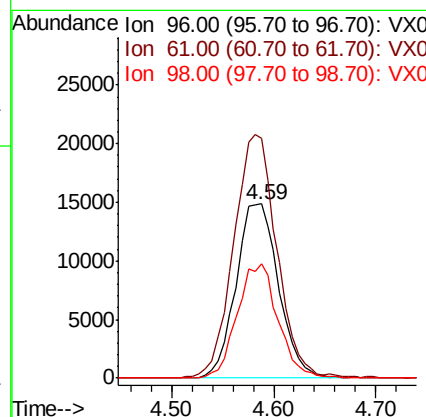
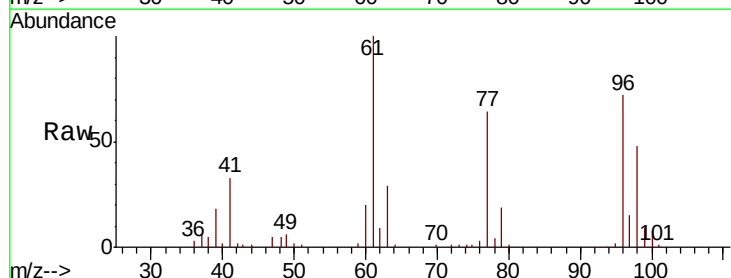
Instrument :
 MSVOA_X
 ClientSampleId :

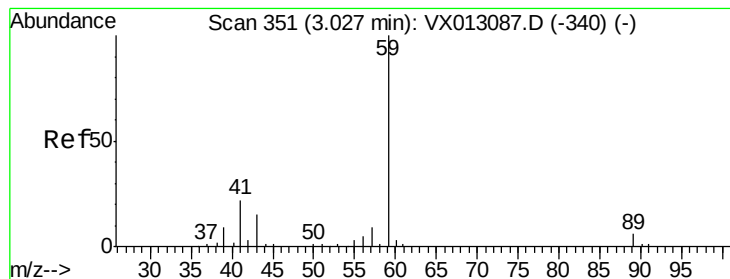
Tot Ion: 63 Resp: 67433
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.5 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.678 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 96 Resp: 43028
 Ion Ratio Lower Upper
 96 100
 61 140.8 115.0 172.4
 98 62.8 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 83.196 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

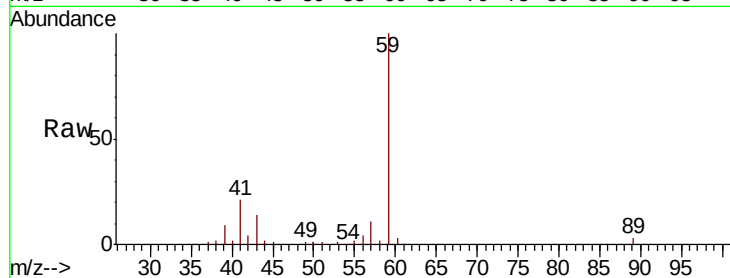
ClientSampled :

Tot Ion: 59 Resp: 45930

Ion Ratio Lower Upper

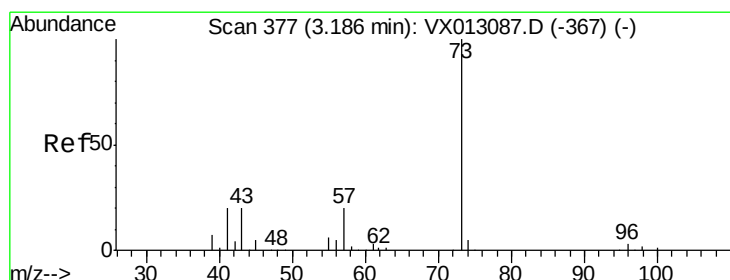
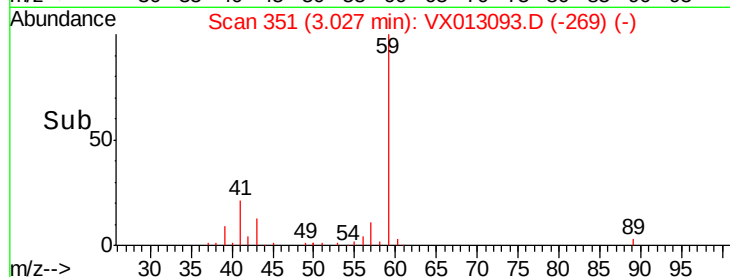
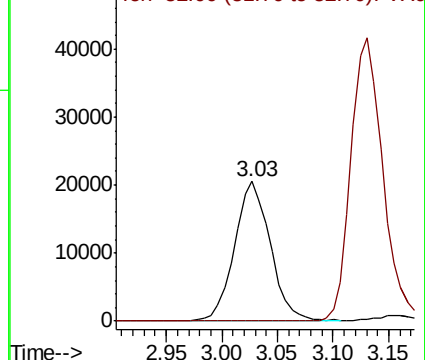
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.856 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013093.D

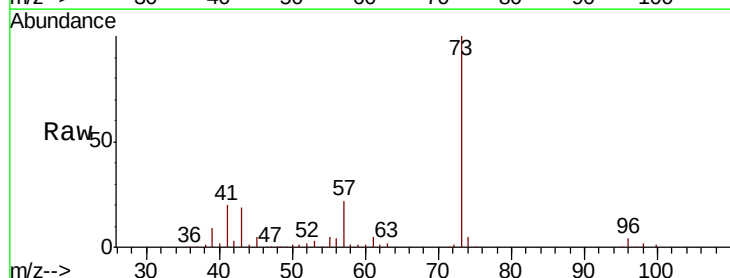
Acq: 16 Oct 2019 13:51

Tgt Ion: 73 Resp: 120311

Ion Ratio Lower Upper

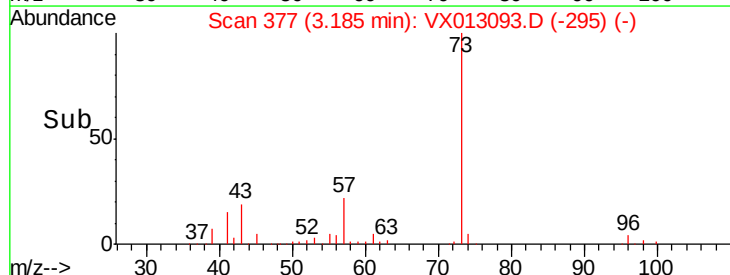
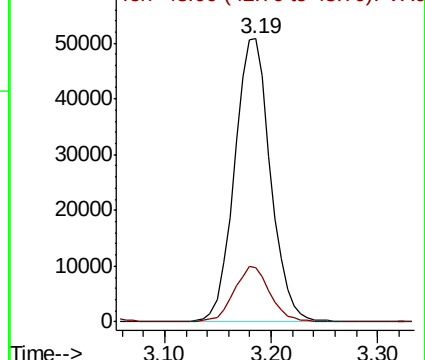
73 100

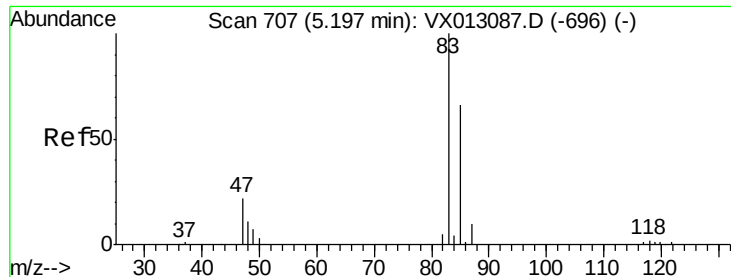
43 19.7 15.8 23.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.995 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

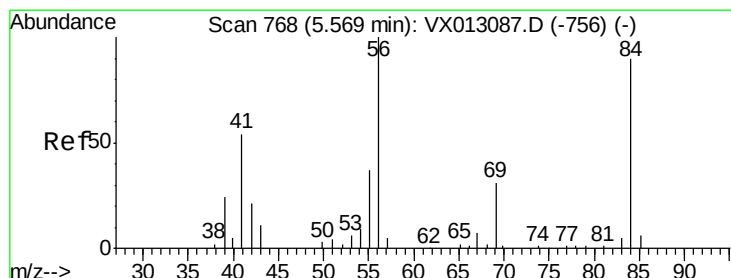
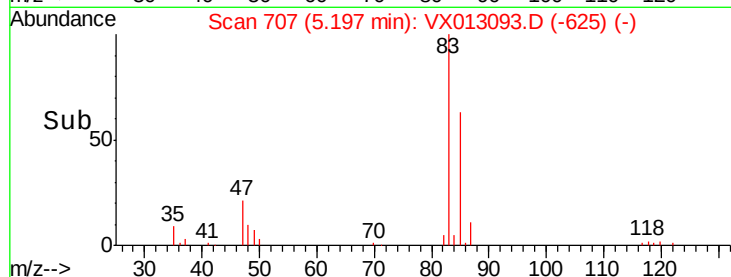
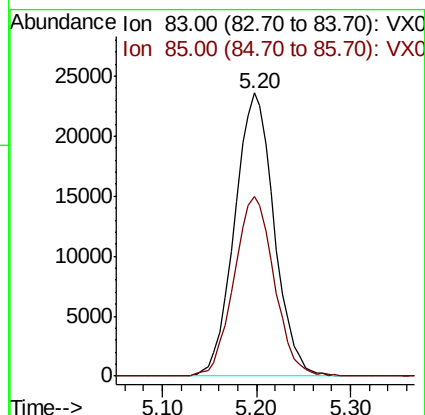
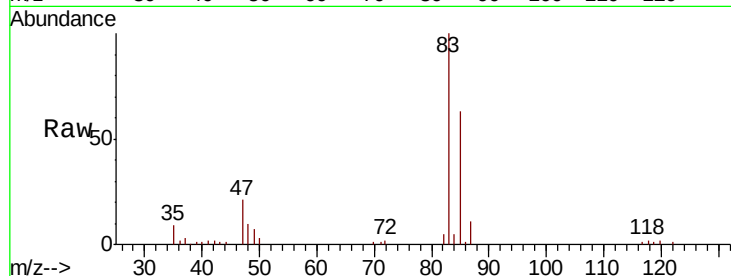
ClientSampled :

Tot Ion: 83 Resp: 69036

Ion Ratio Lower Upper

83 100

85 63.4 53.0 79.6



#26

Cyclohexane

Concen: 18.854 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

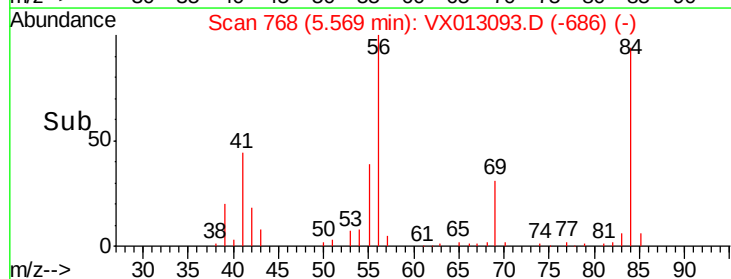
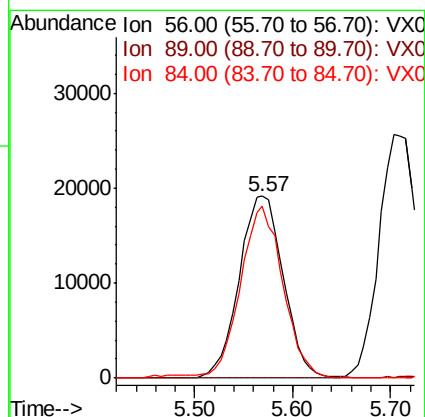
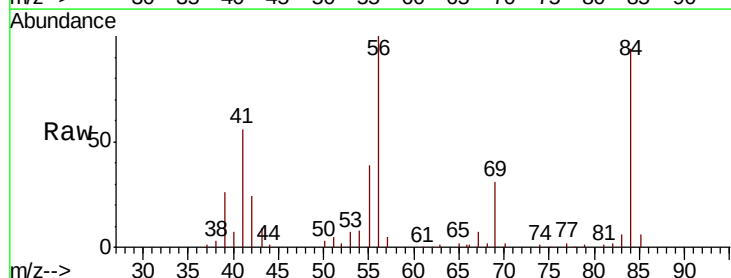
Tgt Ion: 56 Resp: 60218

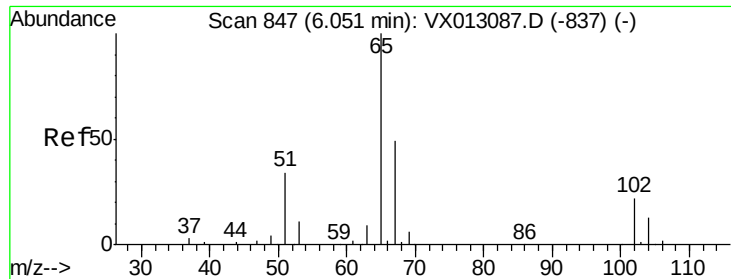
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.6 71.3 106.9

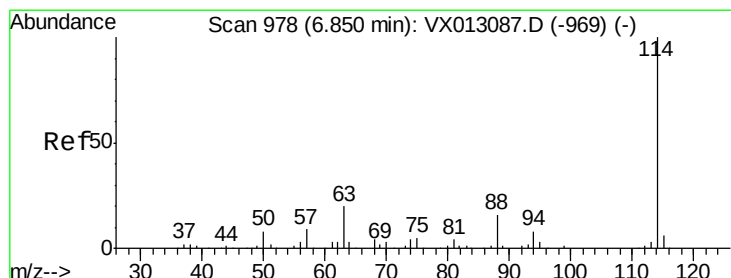
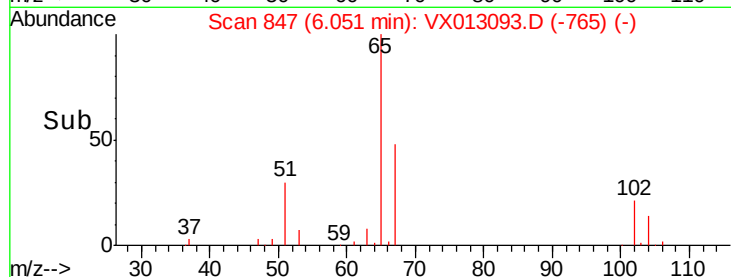
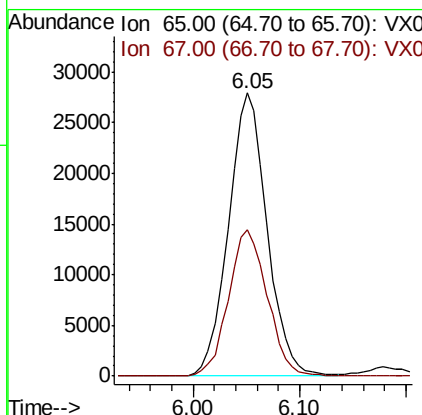
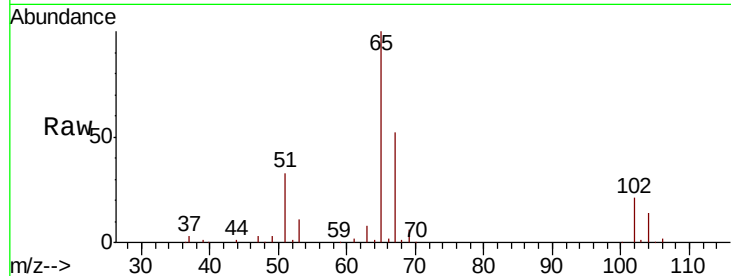




#27
 1,2-Dichloroethane-d4
 Concen: 29.639 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

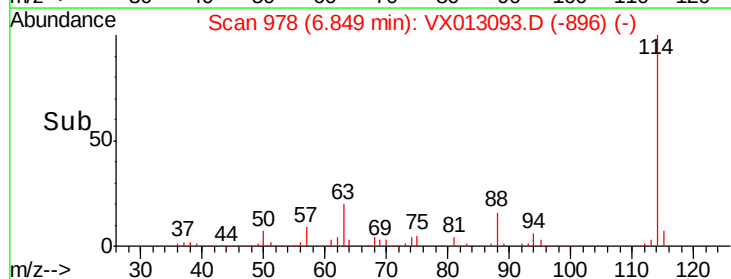
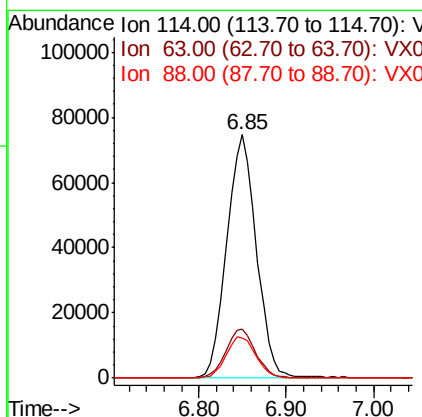
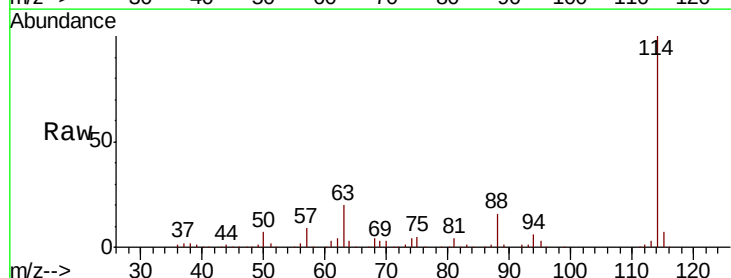
Instrument :
 MSVOA_X
 ClientSampleId :

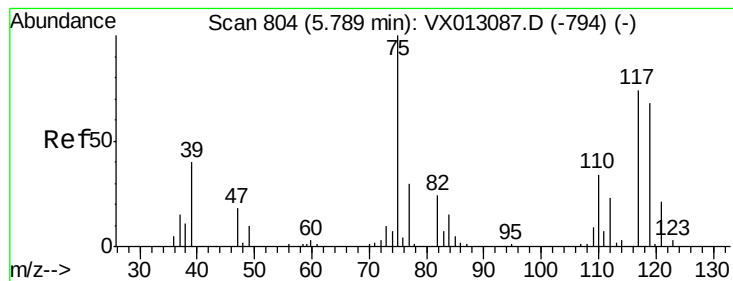
Tot Ion: 65 Resp: 70738
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.2 61.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 114 Resp: 175853
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.5 24.7
 88 17.2 13.6 20.4





#29

1,1-Dichloropropene

Concen: 19.227 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

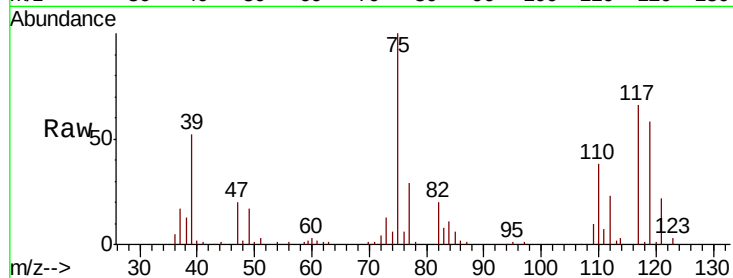
Tot Ion: 75 Resp: 51573

Ion Ratio Lower Upper

75 100

110 36.0 0.0 72.2

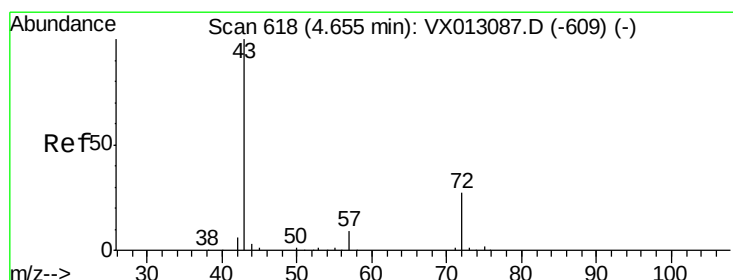
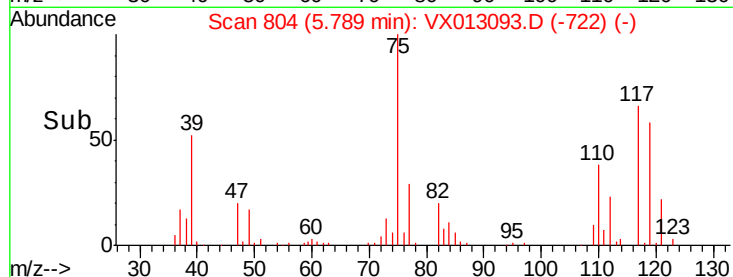
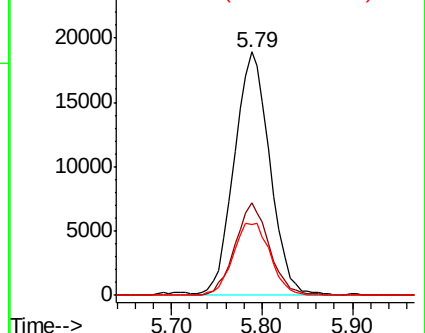
77 30.8 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 92.078 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

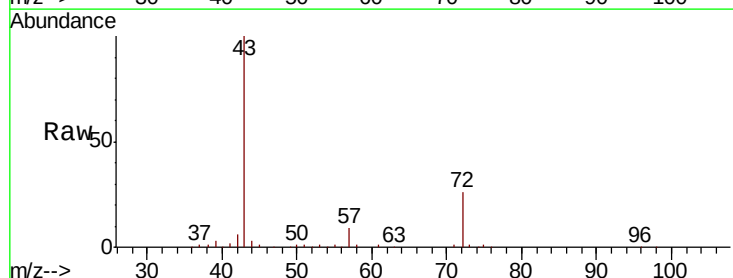
Tgt Ion: 43 Resp: 145481

Ion Ratio Lower Upper

43 100

57 8.7 6.9 10.3

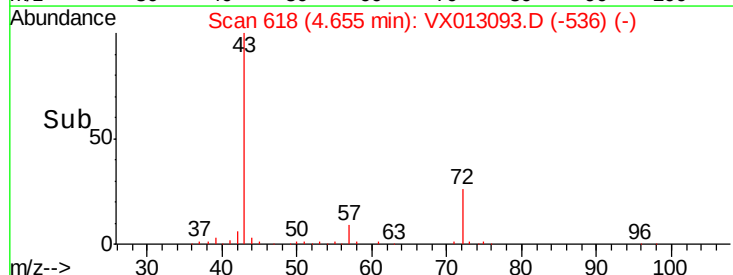
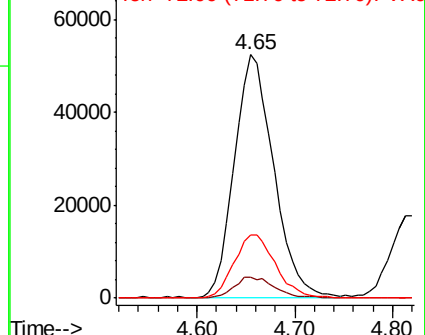
72 27.5 22.1 33.1

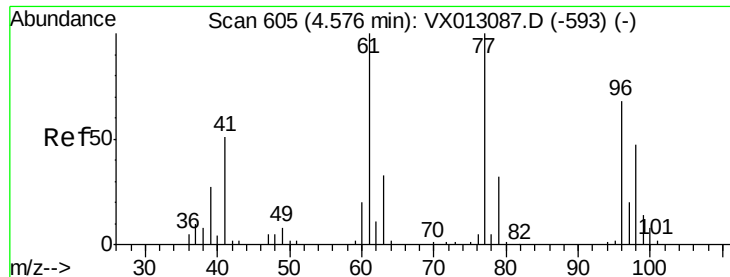


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.893 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

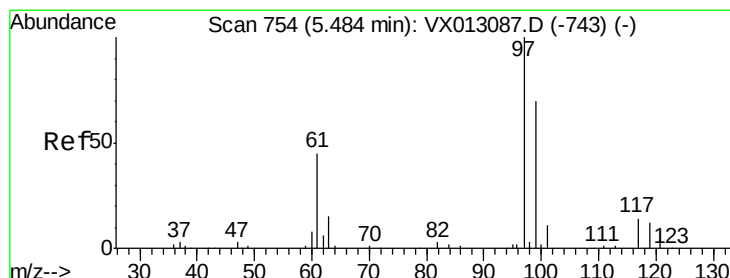
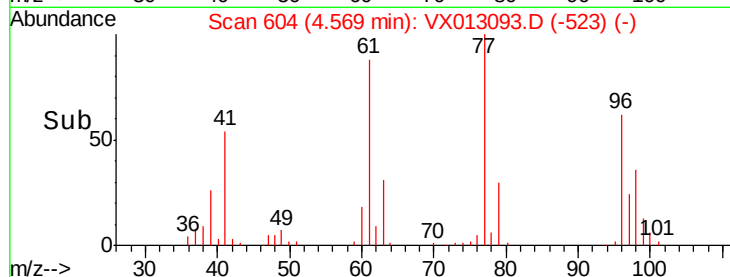
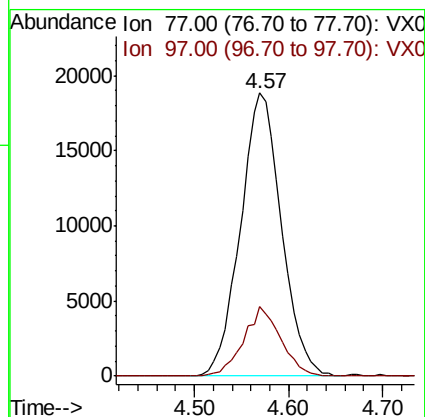
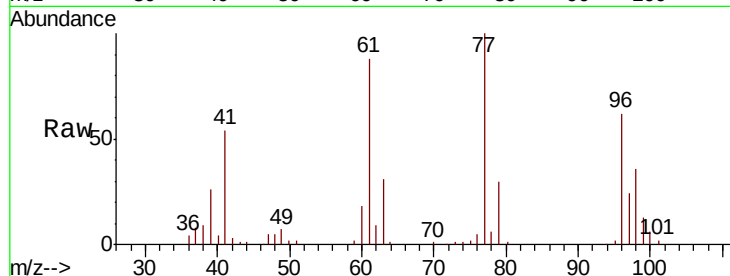
ClientSampleId :

Tot Ion: 77 Resp: 57329

Ion Ratio Lower Upper

77 100

97 22.2 17.8 26.6



#32

1,1,1-Trichloroethane

Concen: 18.584 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

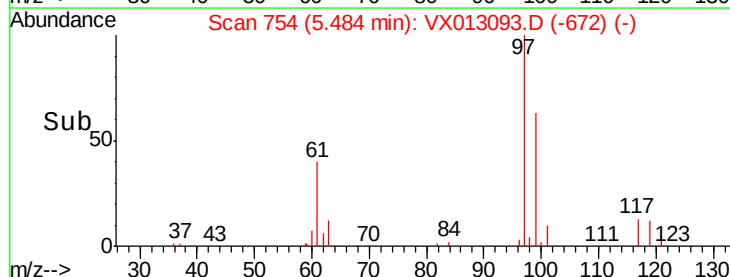
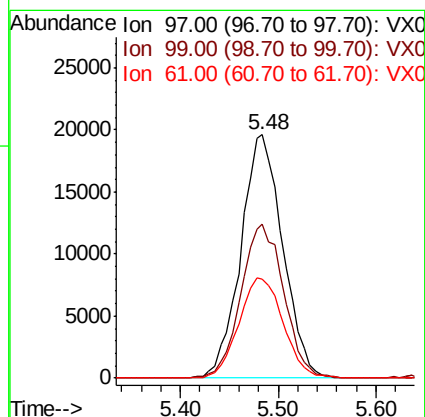
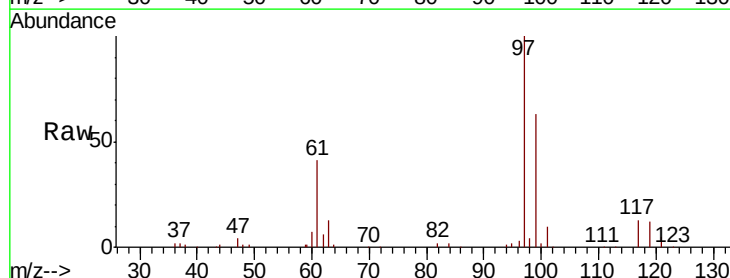
Tgt Ion: 97 Resp: 58315

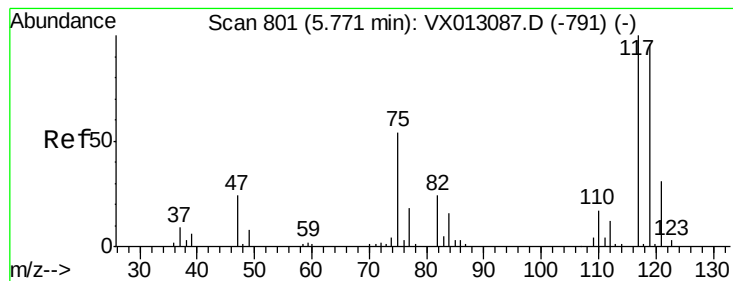
Ion Ratio Lower Upper

97 100

99 64.3 52.4 78.6

61 43.4 35.1 52.7





#33

Carbon Tetrachloride

Concen: 18.686 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

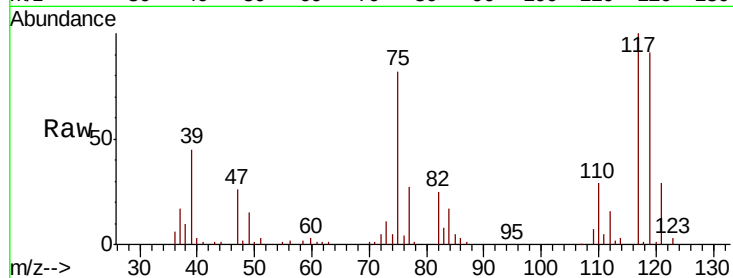
Tot Ion:117 Resp: 50306

Ion Ratio Lower Upper

117 100

119 91.3 77.0 115.4

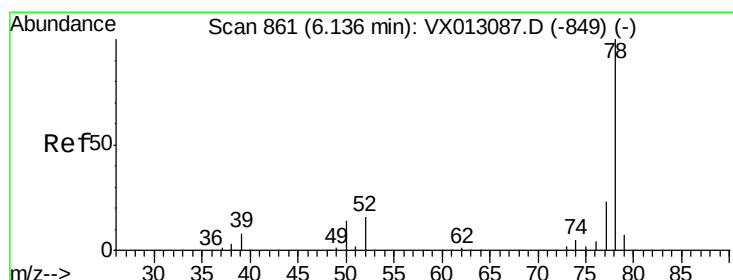
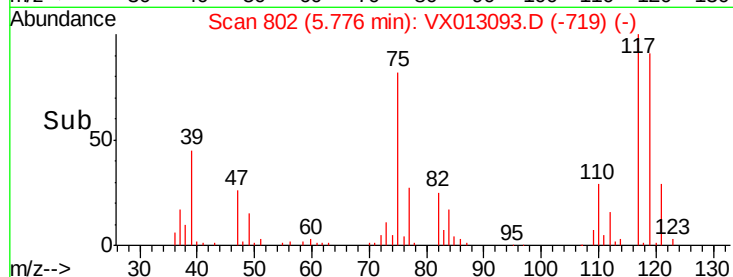
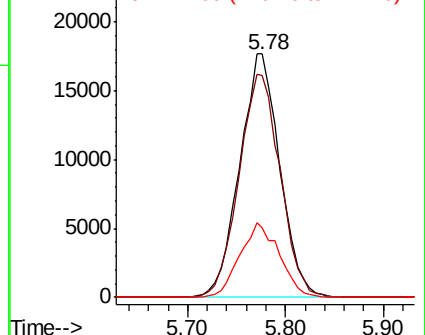
121 28.8 24.6 36.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.314 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

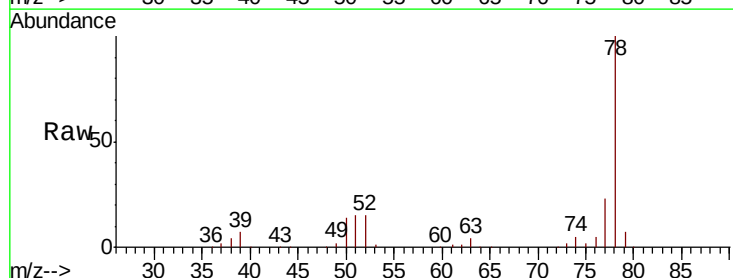
Tgt Ion: 78 Resp: 153801

Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7

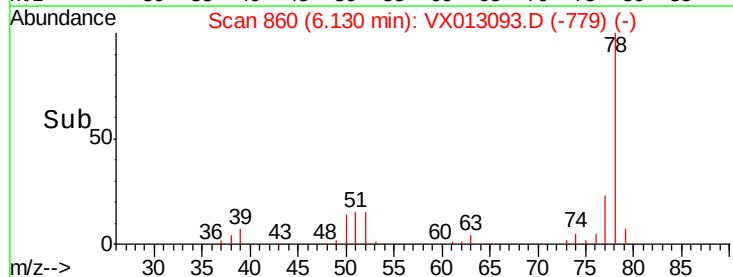
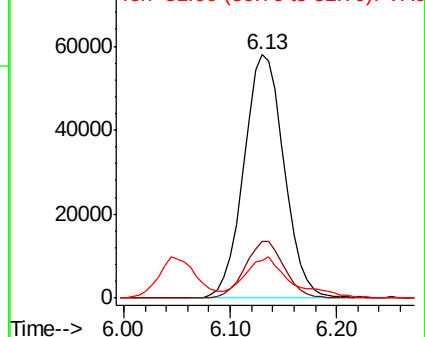
51 13.9 12.1 18.1

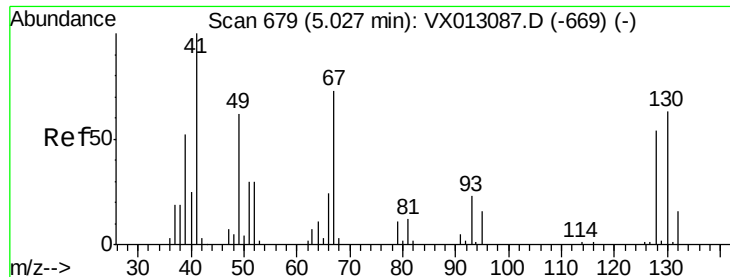


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

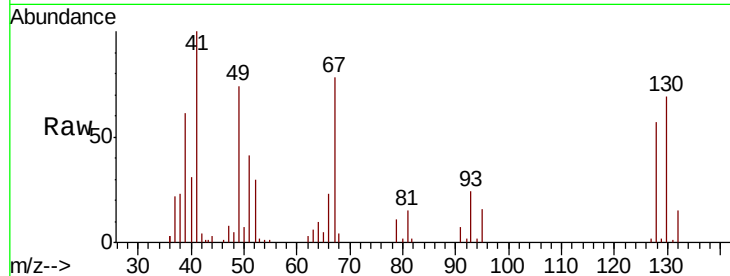




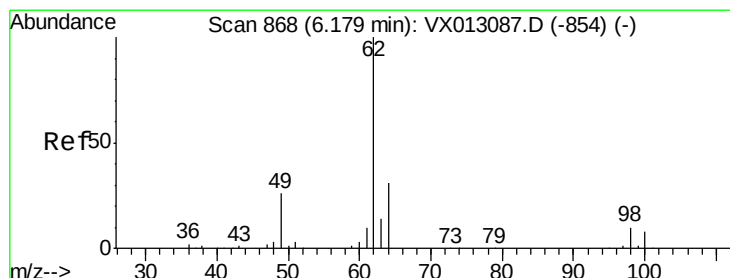
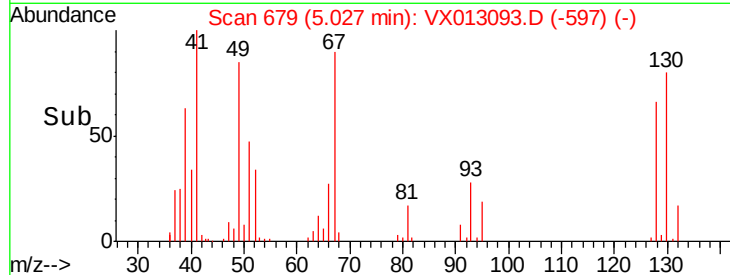
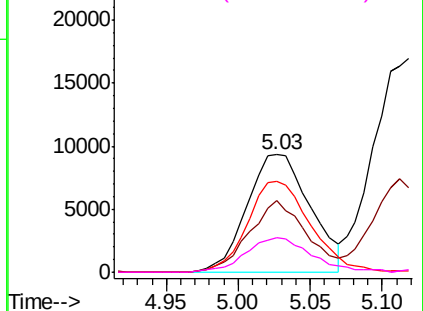
#35
Methacrylonitrile
Concen: 18.426 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 28548
Ion Ratio Lower Upper
41 100
39 61.0 26.3 78.8
67 77.6 36.5 109.5
52 29.6 15.3 45.8

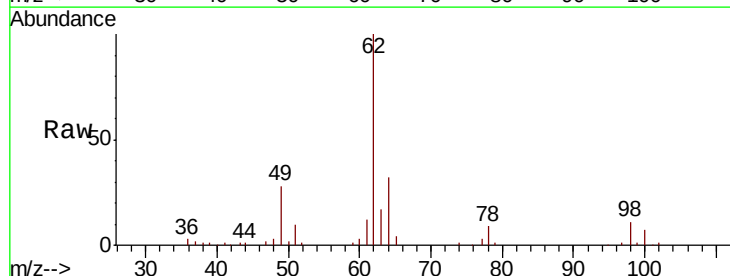


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

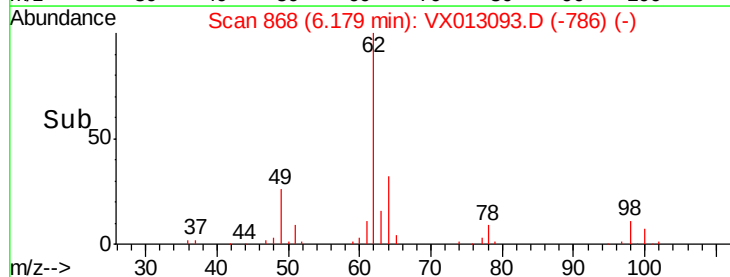
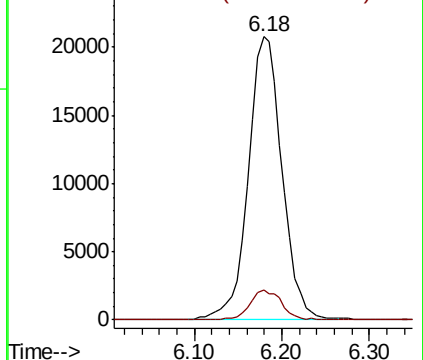


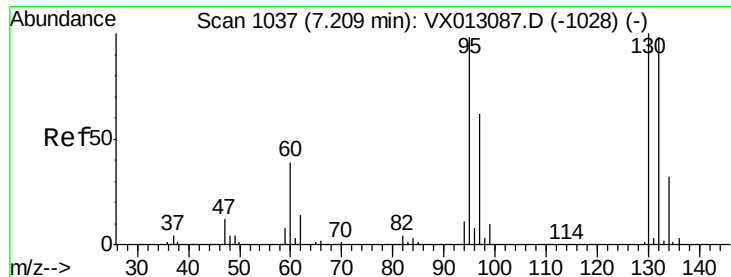
#36
1,2-Dichloroethane
Concen: 19.277 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 62 Resp: 55502
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

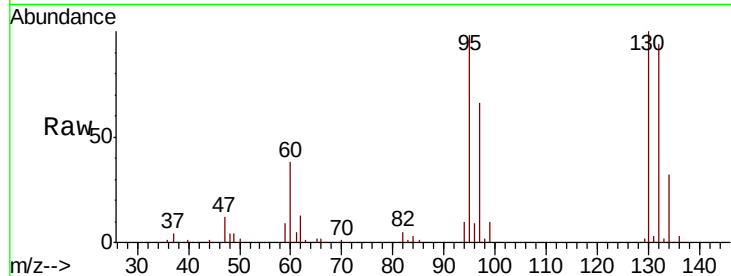




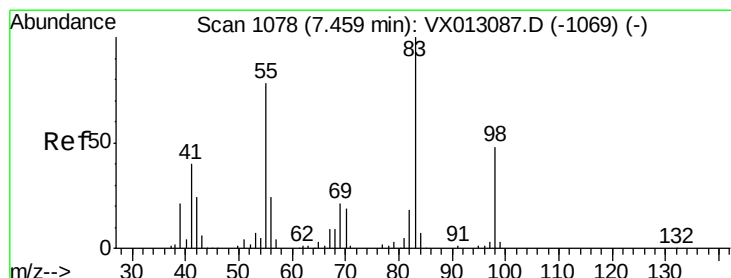
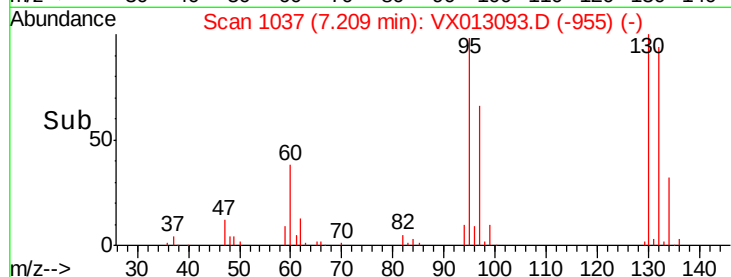
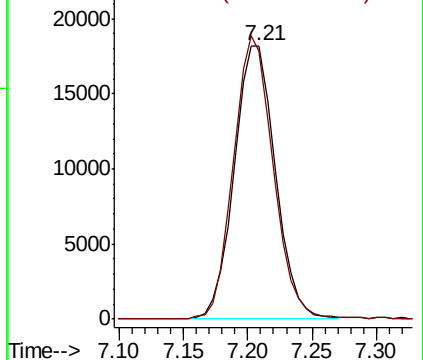
#37
 Trichloroethene
 Concen: 18.997 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 40414
 Ion Ratio Lower Upper
 130 100
 95 98.0 78.4 117.6

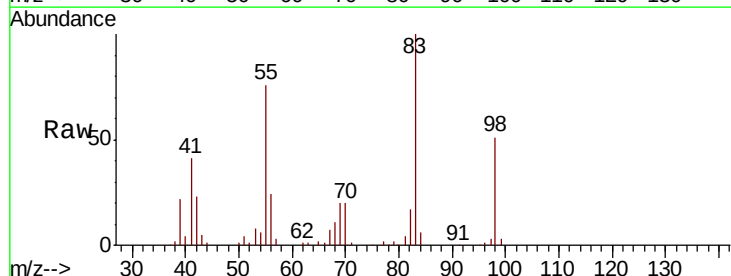


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

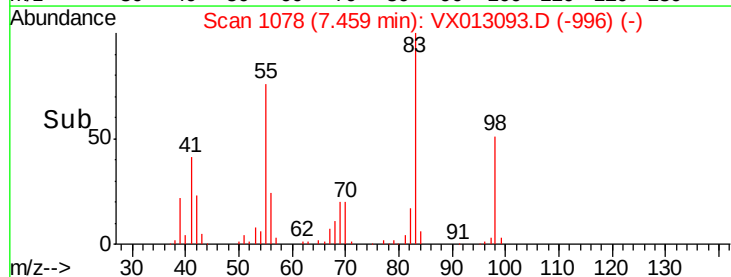
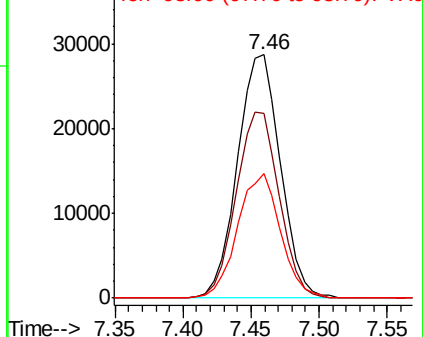


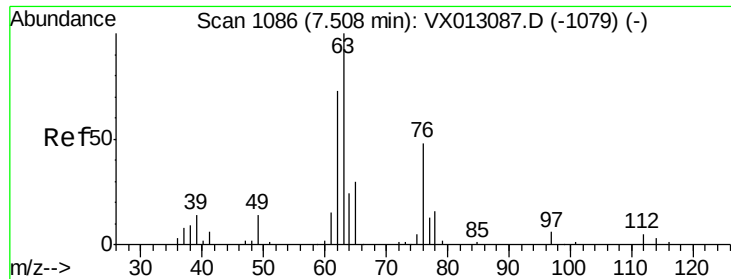
#38
 Methylcyclohexane
 Concen: 19.377 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 83 Resp: 63614
 Ion Ratio Lower Upper
 83 100
 55 76.3 38.3 114.8
 98 51.2 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

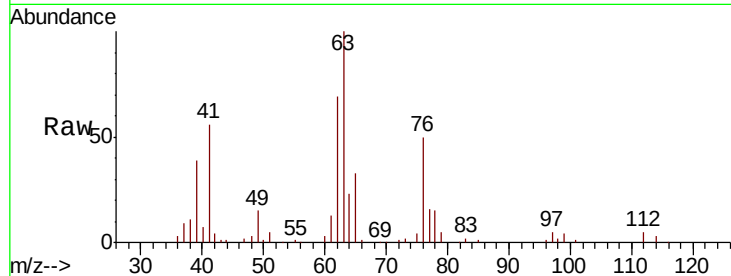




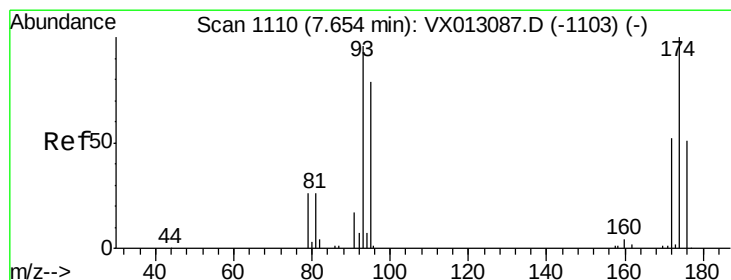
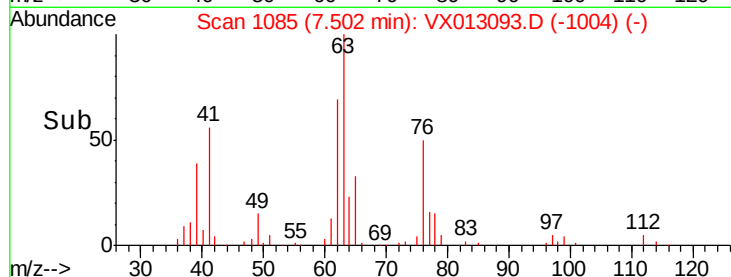
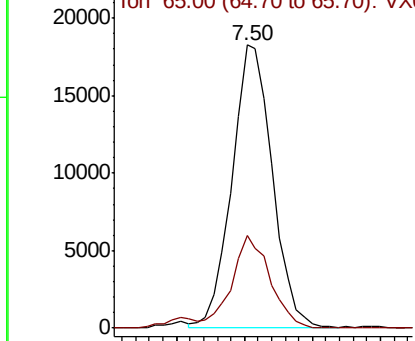
#39
 1,2-Dichloropropane
 Concen: 18.947 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 37890
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.6 38.4

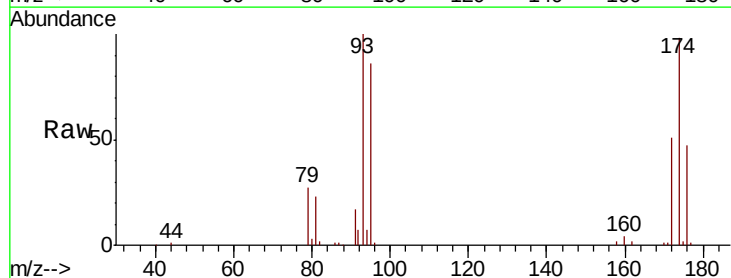


Abundance Ion 63.00 (62.70 to 63.70): VX0
 Ion 65.00 (64.70 to 65.70): VX0

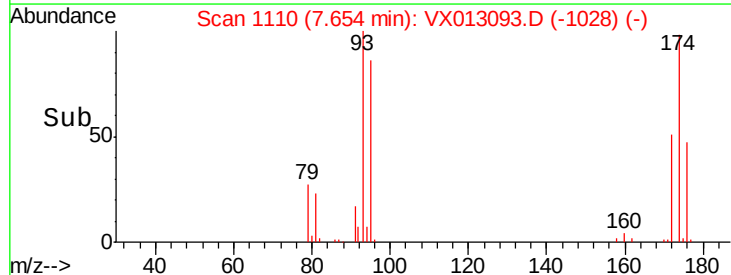
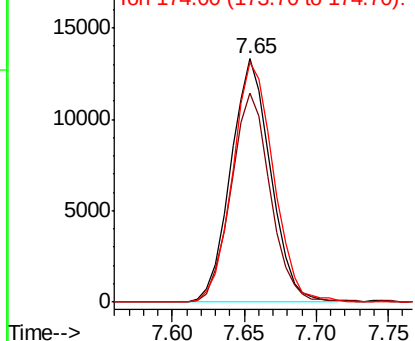


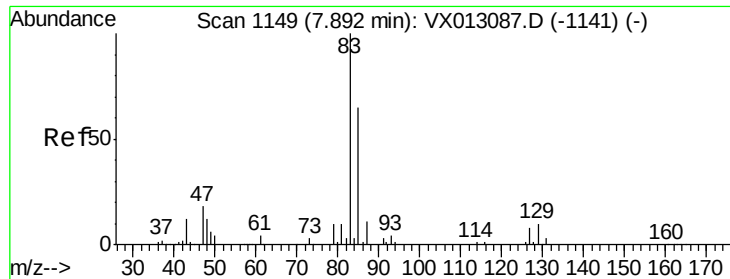
#40
 Dibromomethane
 Concen: 18.847 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 93 Resp: 25596
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 171.2
 174 100.9 0.0 208.2



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





#41

Bromodichloromethane

Concen: 18.788 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

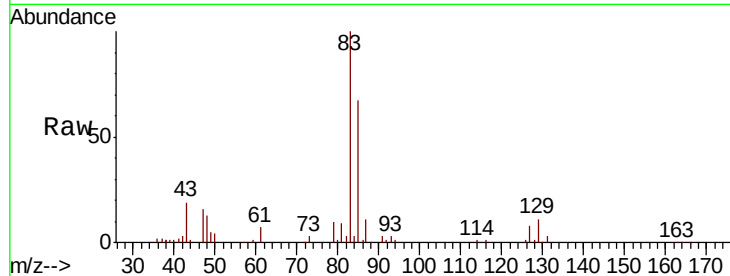
Tot Ion: 83 Resp: 50663

Ion Ratio Lower Upper

83 100

85 67.5 51.8 77.8

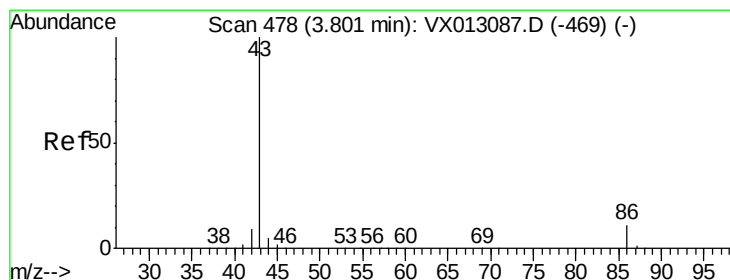
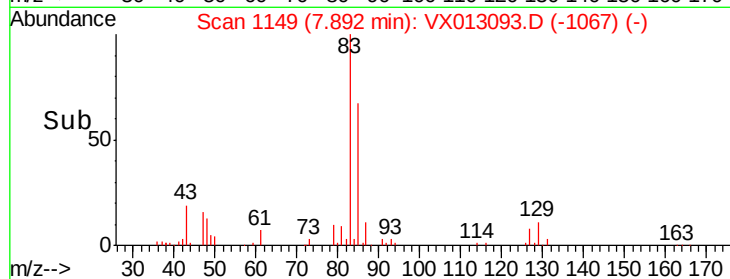
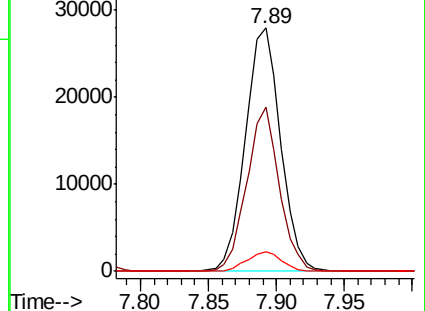
127 8.3 6.7 10.1



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: 95.783 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013093.D

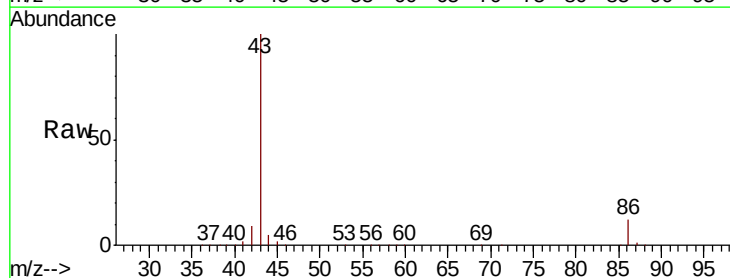
Acq: 16 Oct 2019 13:51

Tgt Ion: 43 Resp: 495581

Ion Ratio Lower Upper

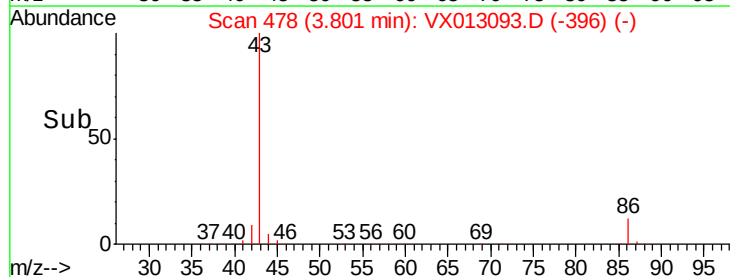
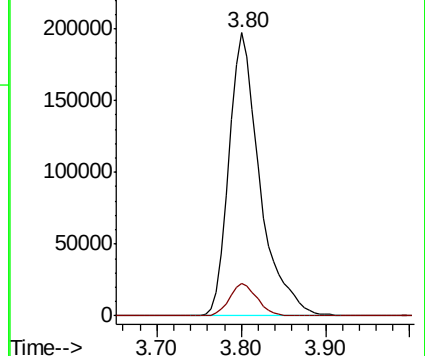
43 100

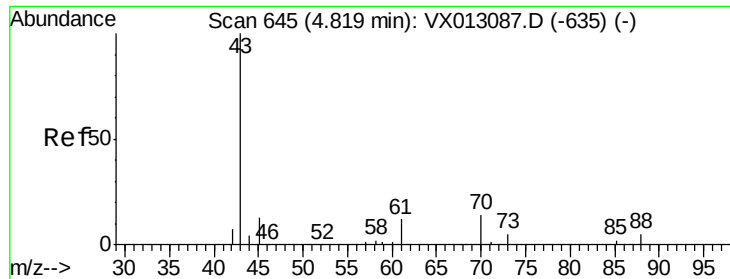
86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

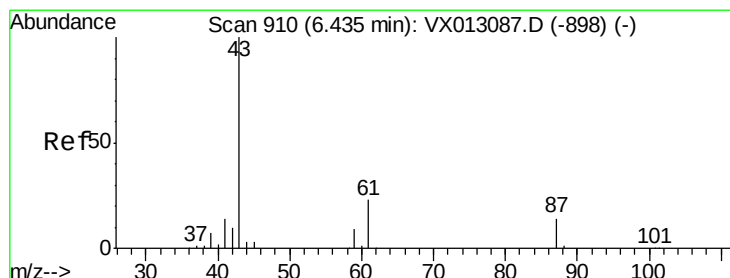
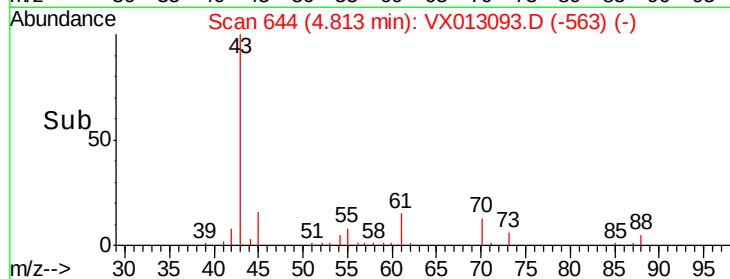
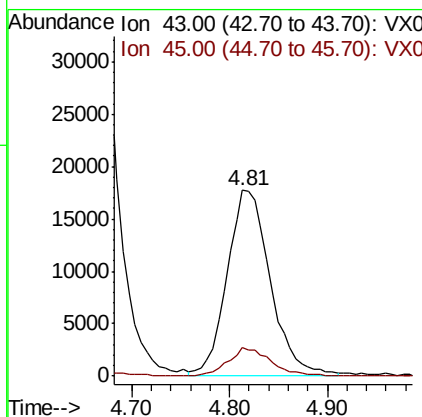
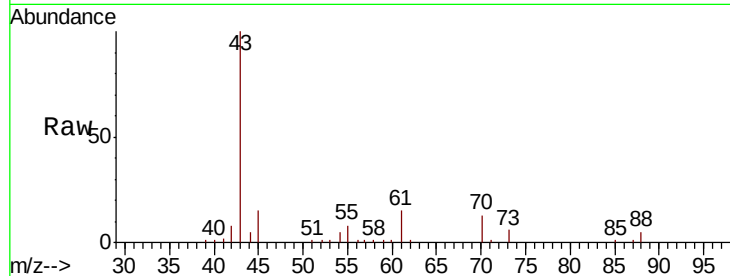




#43
Ethyl Acetate
Concen: 19.083 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

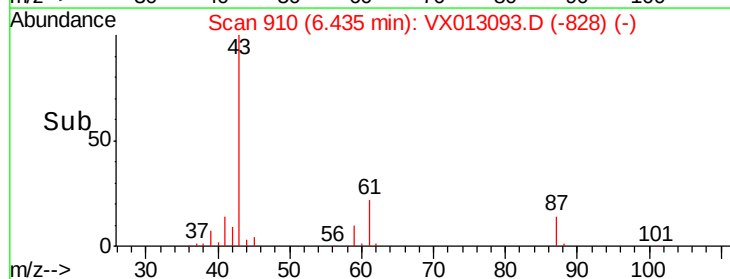
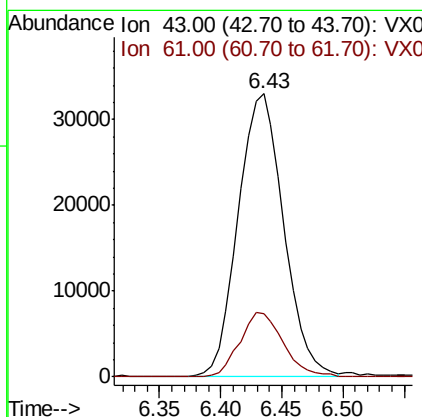
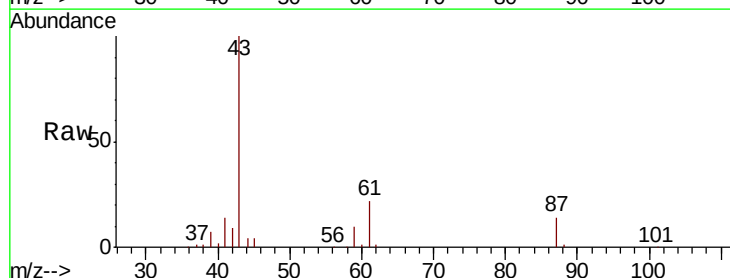
Instrument :
MSVOA_X
ClientSampled :

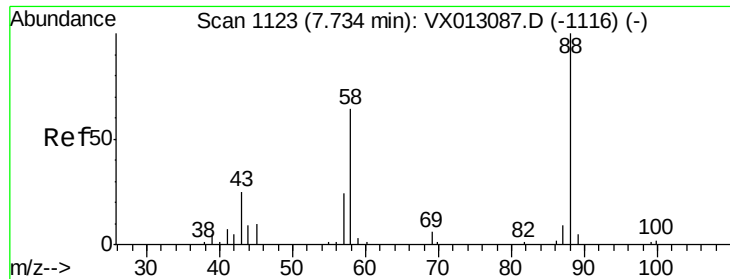
Tot Ion: 43 Resp: 54261
Ion Ratio Lower Upper
43 100
45 15.2 12.8 19.2



#44
Isopropyl Acetate
Concen: 18.667 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 43 Resp: 85596
Ion Ratio Lower Upper
43 100
61 21.9 16.7 25.1





#45

1,4-Dioxane

Concen: 365.631 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

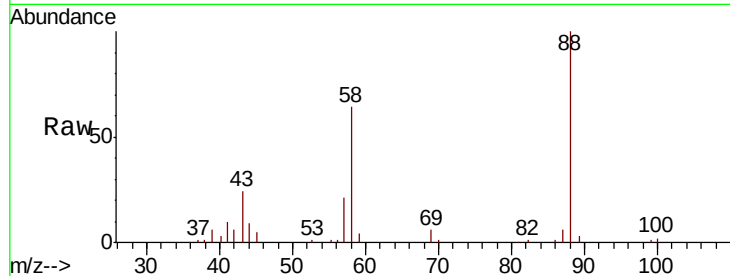
Tot Ion: 88 Resp: 20605

Ion Ratio Lower Upper

88 100

43 29.9 26.0 39.0

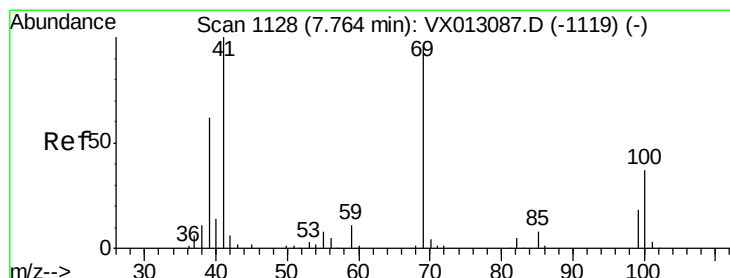
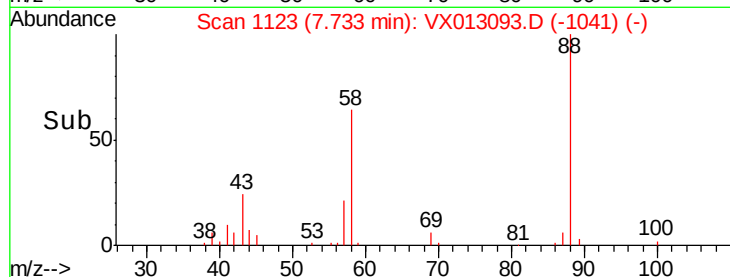
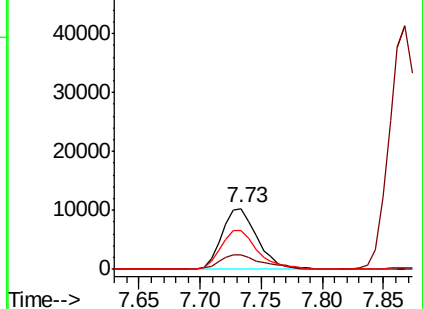
58 67.5 53.0 79.4



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: 18.802 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

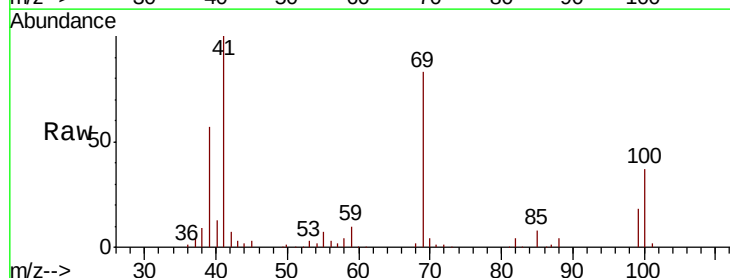
Tgt Ion: 41 Resp: 42136

Ion Ratio Lower Upper

41 100

69 83.2 48.1 144.3

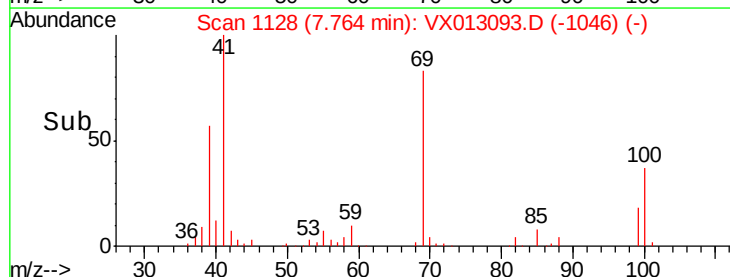
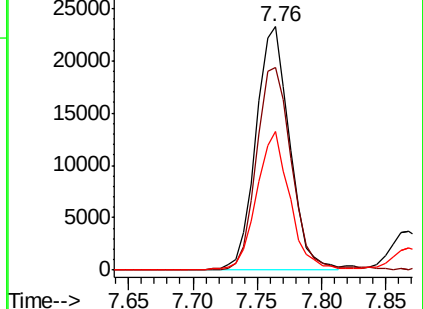
39 57.0 31.2 93.6

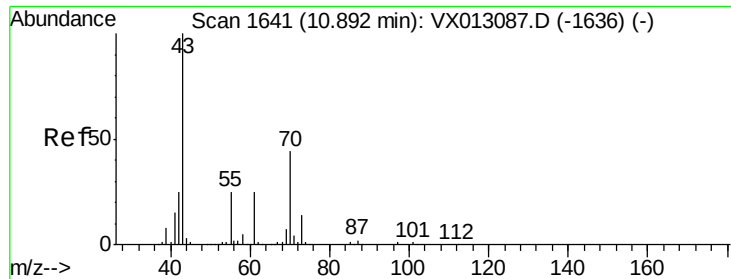


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.137 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

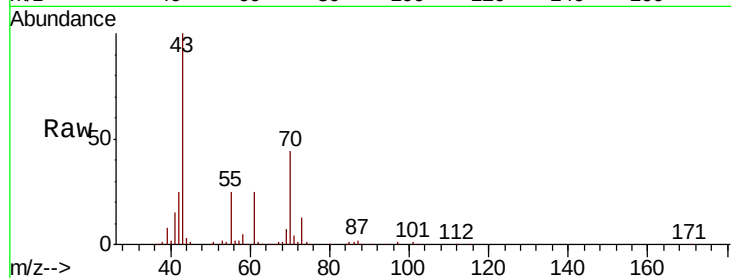
ClientSampleId :

Tot Ion: 43 Resp: 70808

Ion Ratio Lower Upper

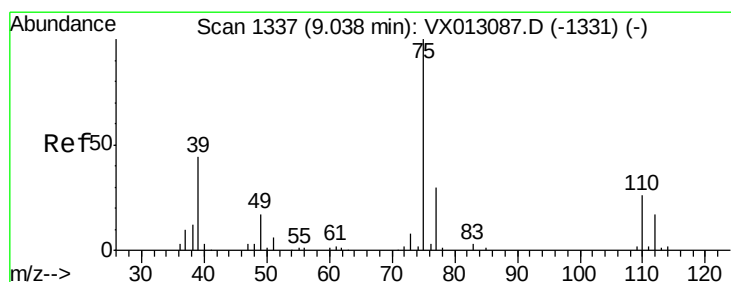
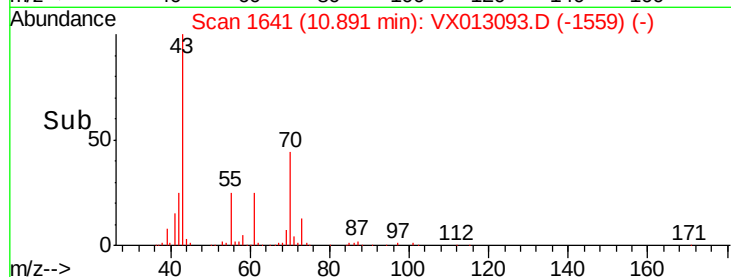
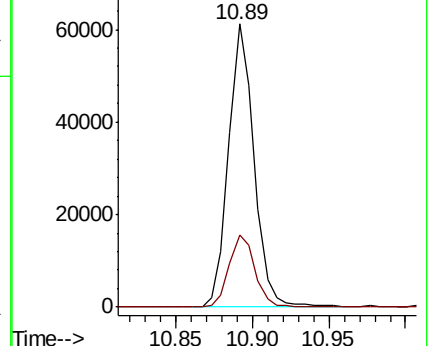
43 100

55 26.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.682 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013093.D

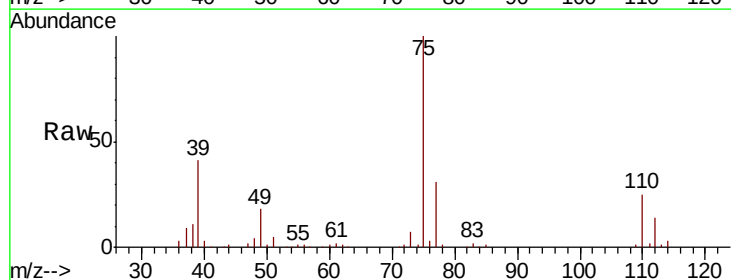
Acq: 16 Oct 2019 13:51

Tgt Ion: 75 Resp: 55753

Ion Ratio Lower Upper

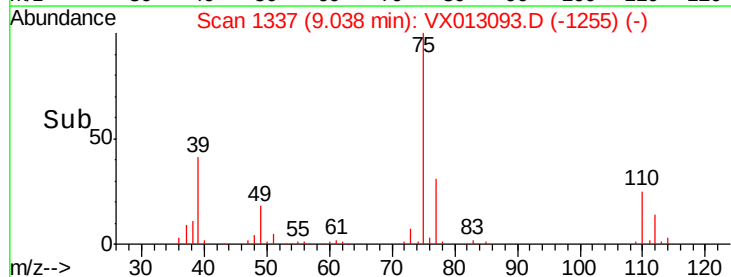
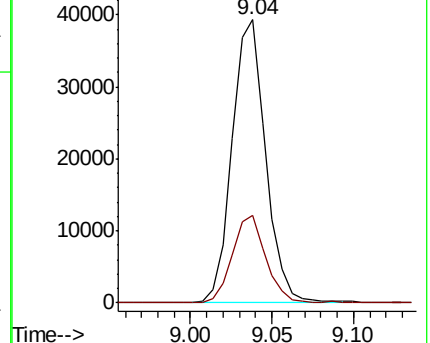
75 100

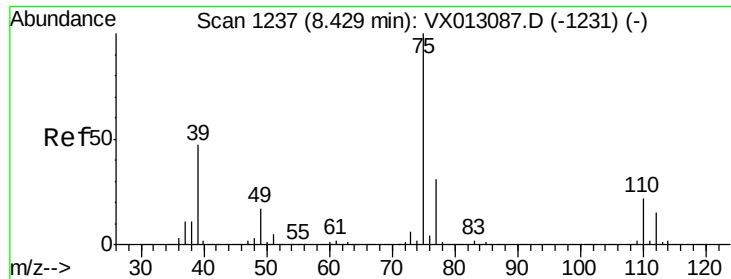
77 30.8 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



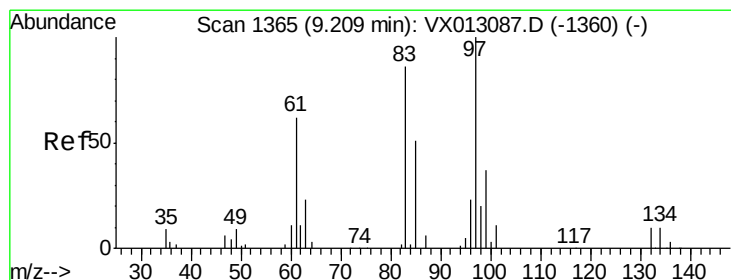
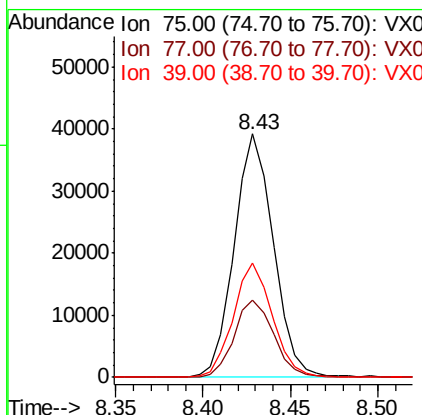
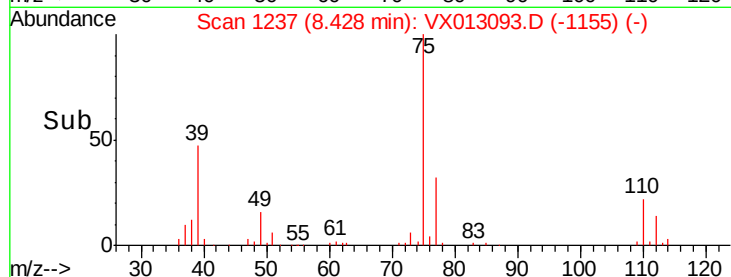
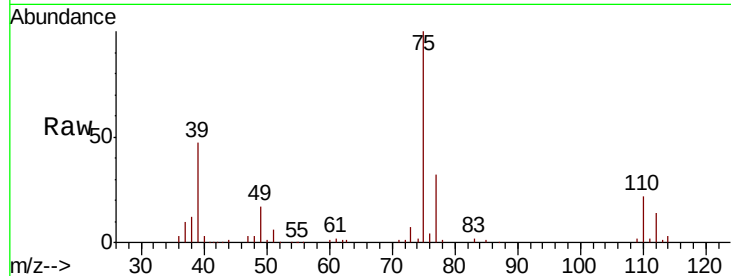


#49

cis-1,3-Dichloropropene
 Concen: 18.661 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :

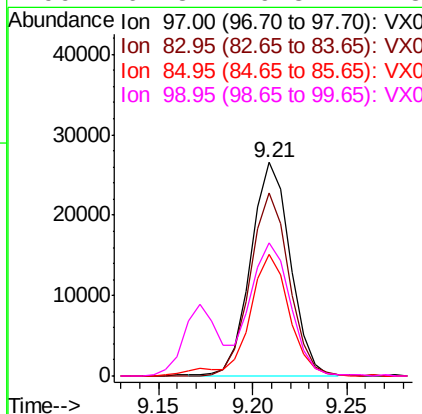
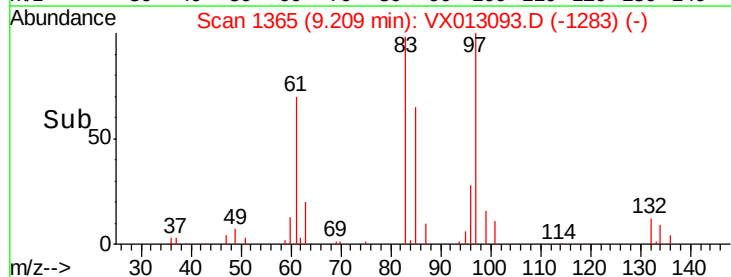
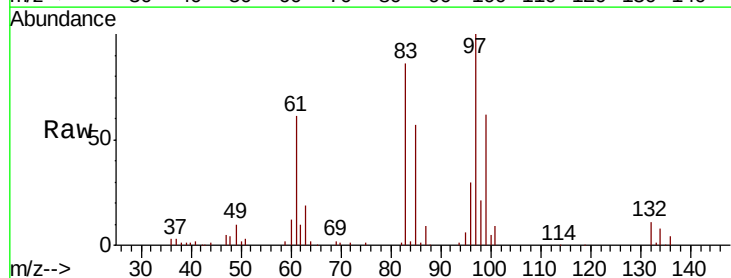
Tot Ion: 75 Resp: 61438
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.7 37.1
 39 47.1 37.4 56.0

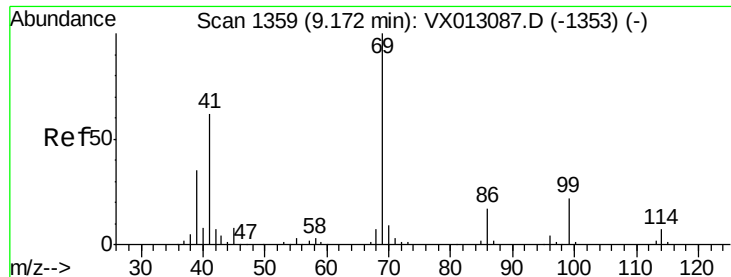


#50

1,1,2-Trichloroethane
 Concen: 18.917 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 97 Resp: 38773
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.1 102.1
 85 56.9 42.6 64.0
 99 61.8 49.8 74.8





#51

Ethyl methacrylate

Concen: 18.283 ug/l

RT: 9.17 min Scan# 1359

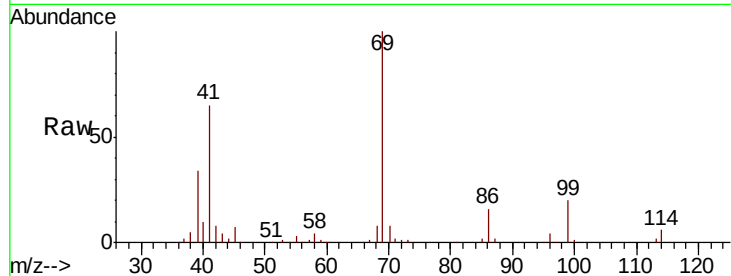
Delta R.T. -0.00 min

Lab File: VX013093.D

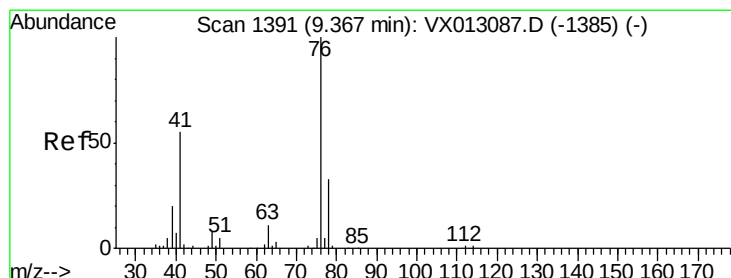
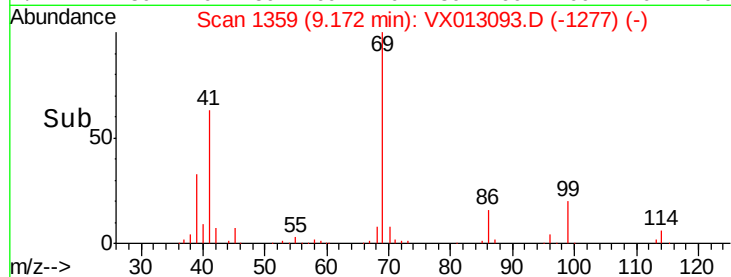
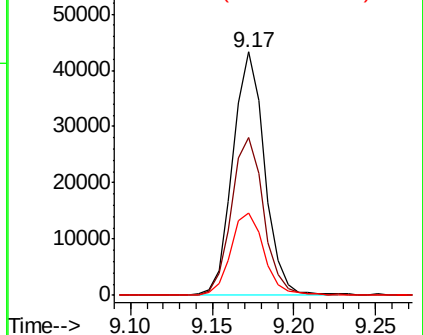
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	58937
Ion	Ratio	Lower	Upper
69	100		
41	64.4	31.1	93.3
39	33.9	17.6	52.9



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



#52

1,3-Dichloropropane

Concen: 19.322 ug/l

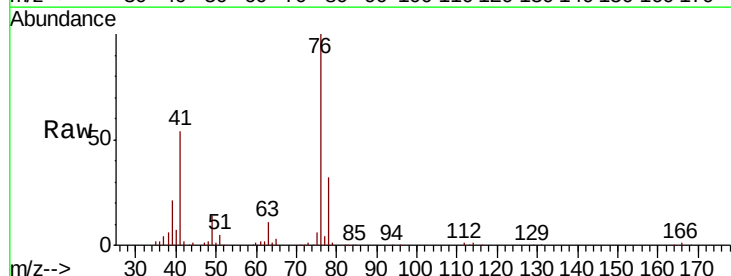
RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

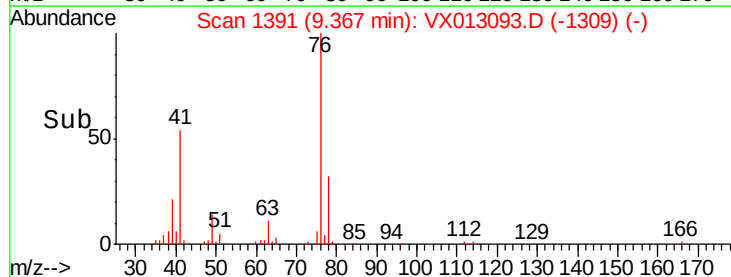
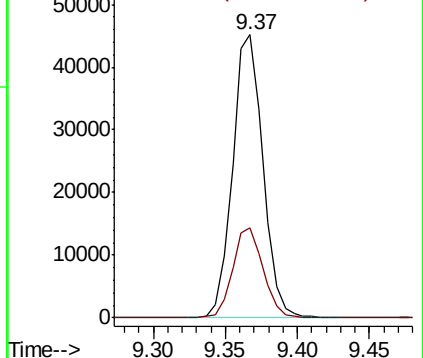
Lab File: VX013093.D

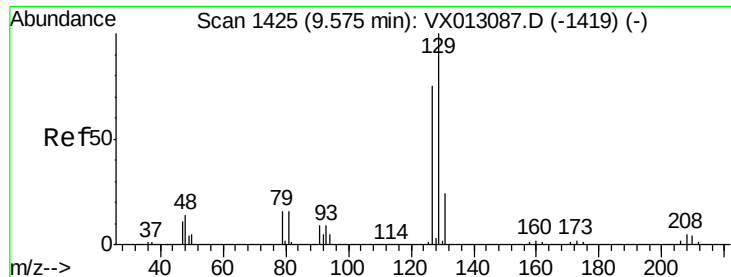
Acq: 16 Oct 2019 13:51

Tgt Ion:	76	Resp:	66465
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

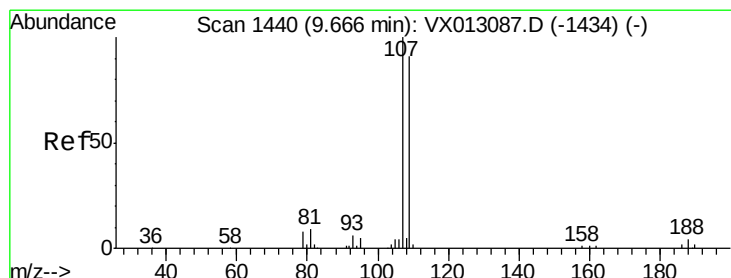
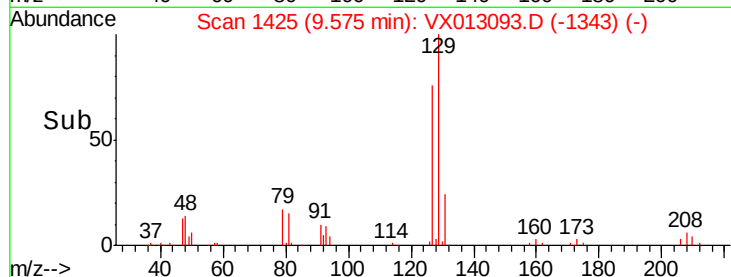
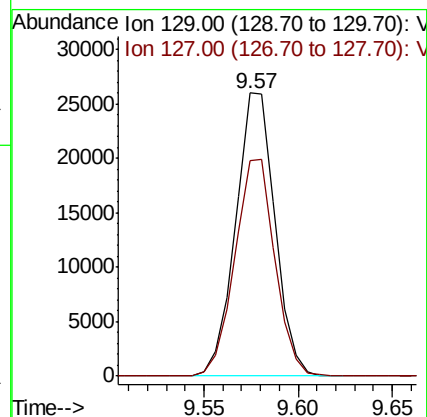
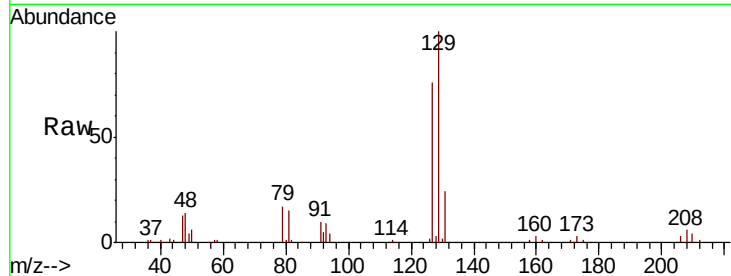




#53
 Dibromochloromethane
 Concen: 17.940 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

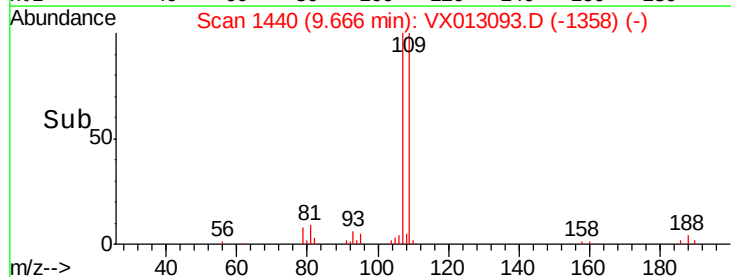
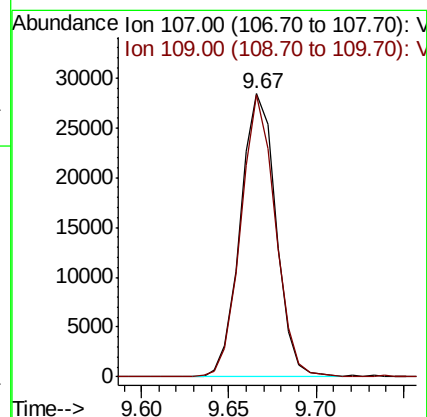
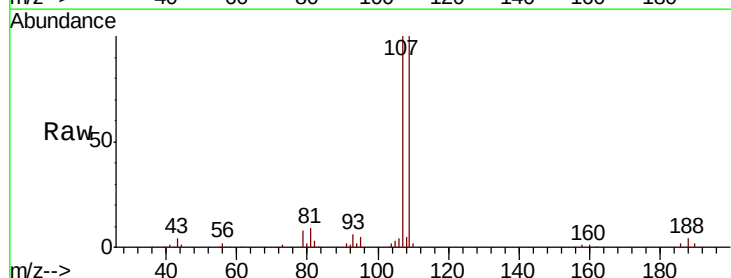
Instrument :
 MSVOA_X
 ClientSampleId :

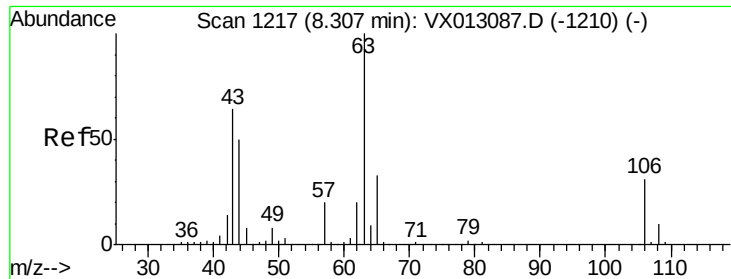
Tot Ion:129 Resp: 37759
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.0 113.9



#54
 1,2-Dibromoethane
 Concen: 18.738 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion:107 Resp: 40396
 Ion Ratio Lower Upper
 107 100
 109 96.2 73.6 110.4

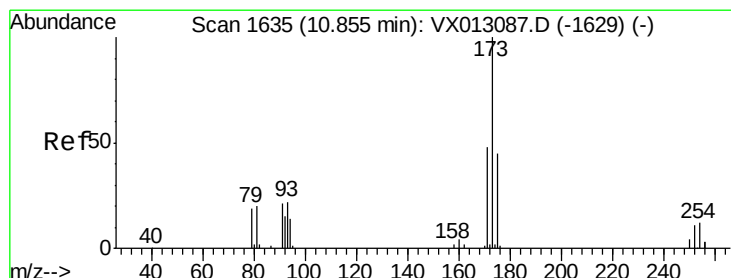
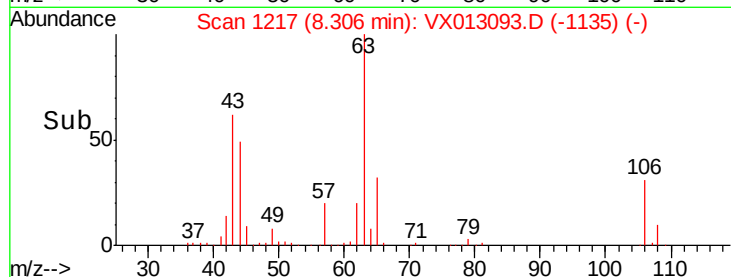
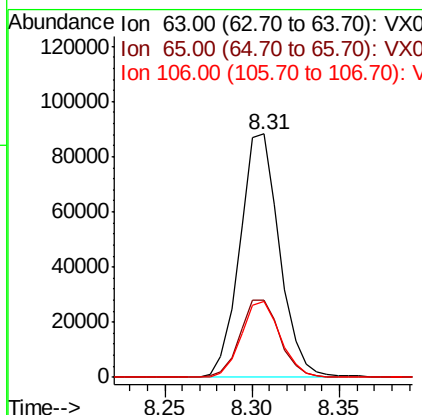
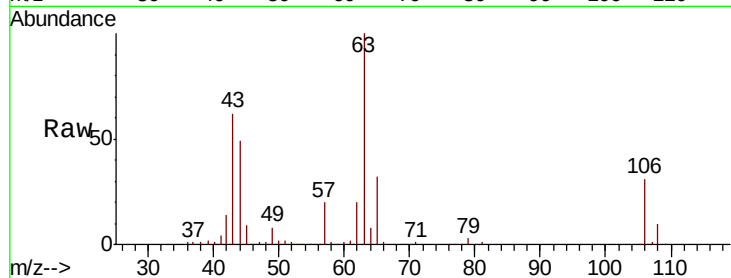




#55
2-Chloroethyl vinyl ether
Concen: 97.842 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

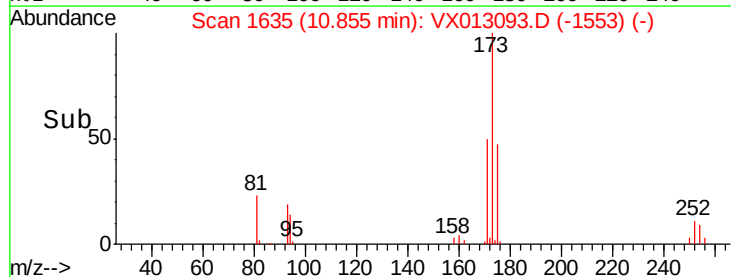
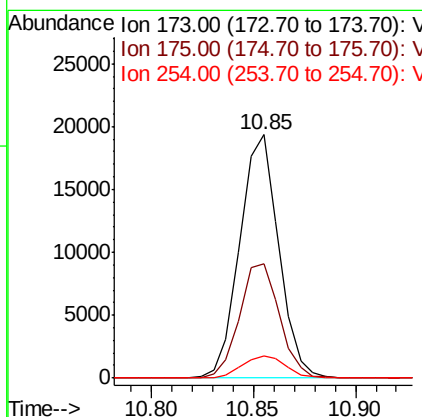
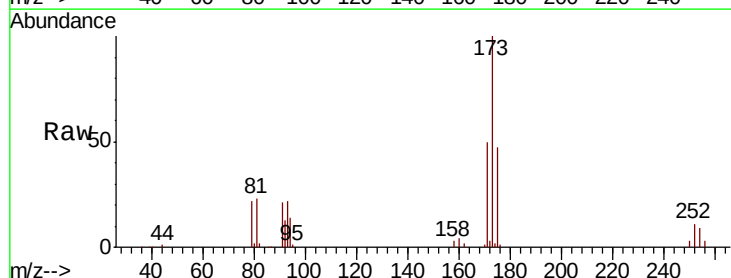
Instrument :
MSVOA_X
ClientSampleId :

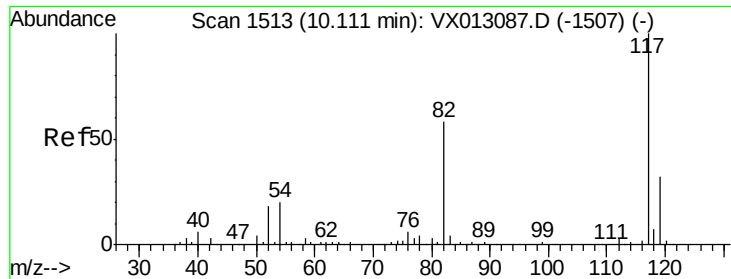
Tot Ion: 63 Resp: 138757
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 31.1 24.3 36.5



#56
Bromoform
Concen: 17.530 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 173 Resp: 25675
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.8
254 10.0 7.9 11.9

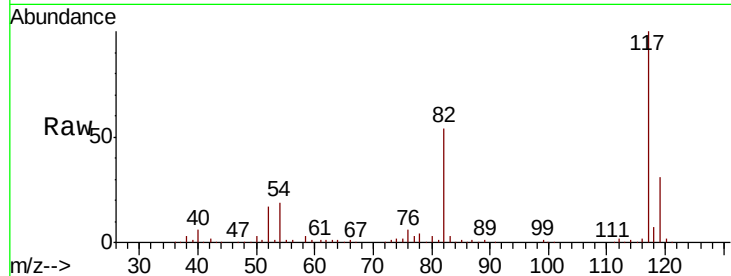




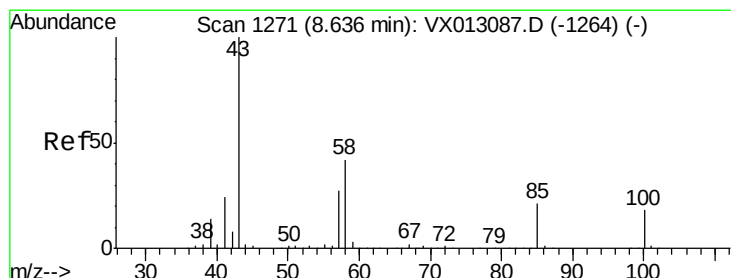
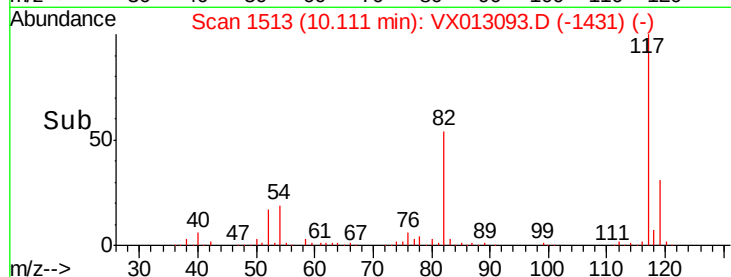
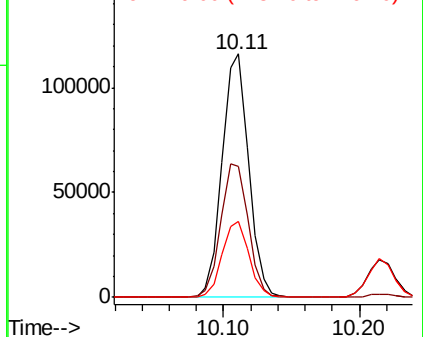
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 157551
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 31.6 25.8 38.6

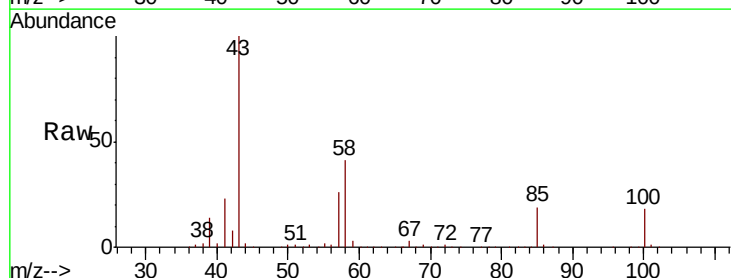


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

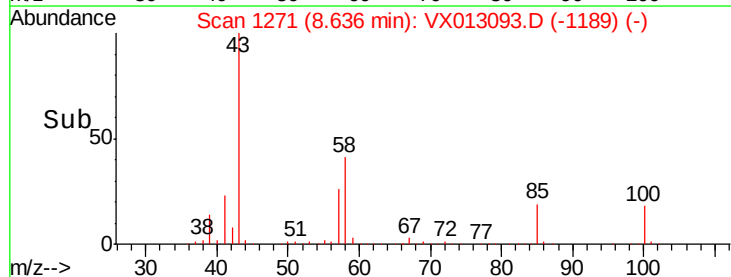
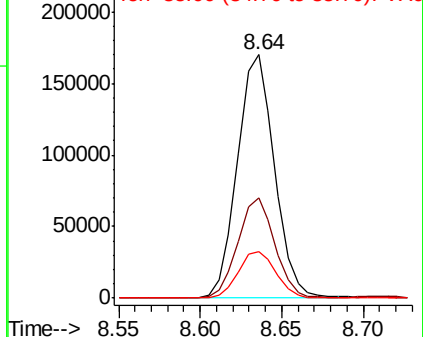


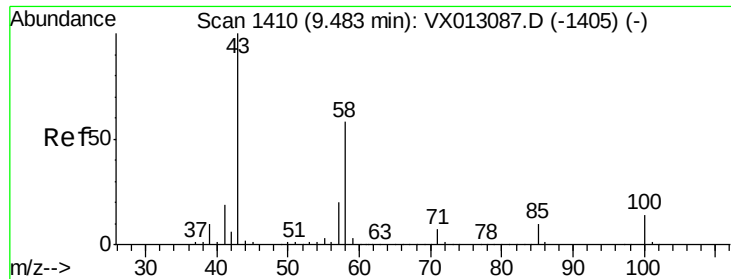
#58
4-Methyl-2-Pentanone
Concen: 93.924 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 43 Resp: 269255
Ion Ratio Lower Upper
43 100
58 41.1 33.0 49.4
85 19.6 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

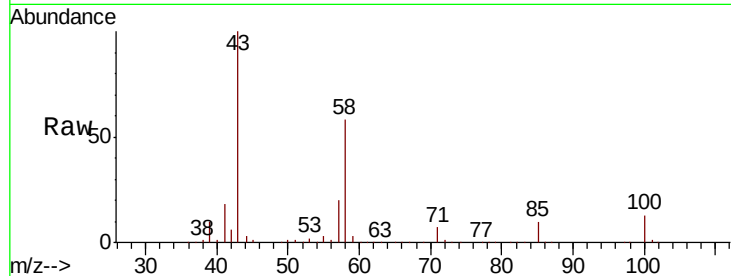




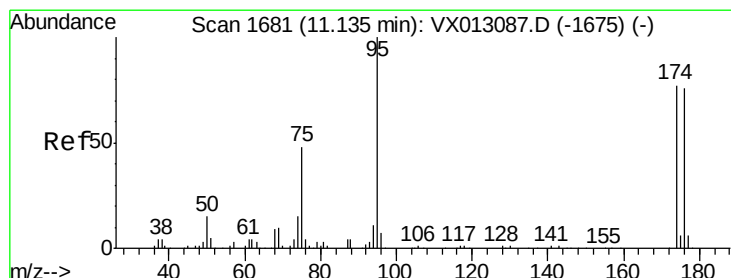
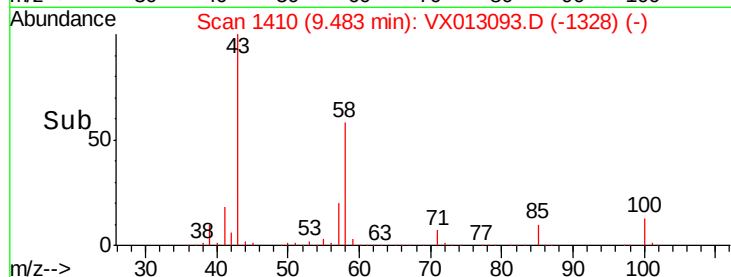
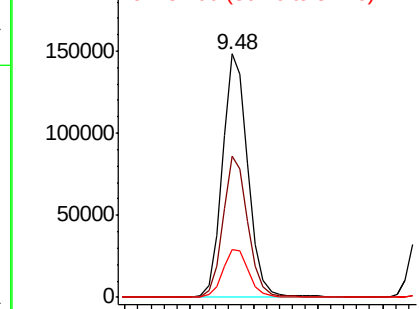
#59
2-Hexanone
Concen: 92.256 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 206382
Ion Ratio Lower Upper
43 100
58 56.7 45.4 68.2
57 20.0 16.2 24.2

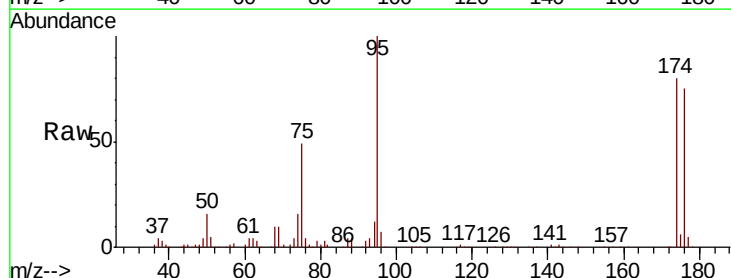


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

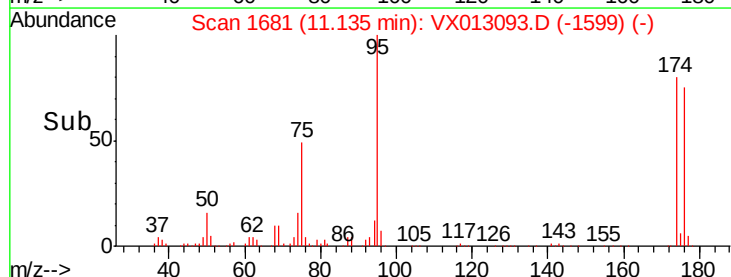
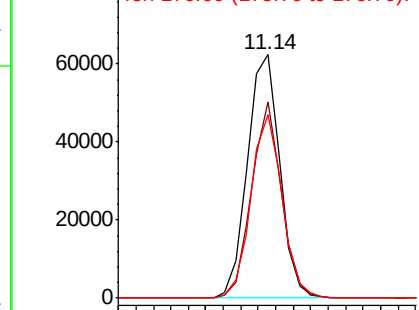


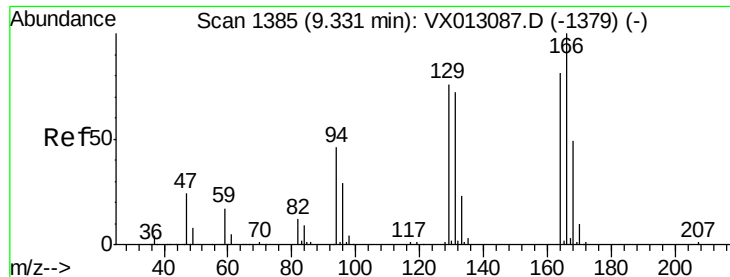
#60
4-Bromofluorobenzene
Concen: 29.138 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 95 Resp: 80355
Ion Ratio Lower Upper
95 100
174 74.2 58.8 88.2
176 72.4 56.6 84.8



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

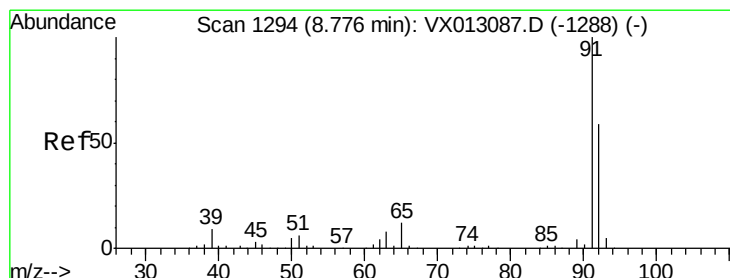
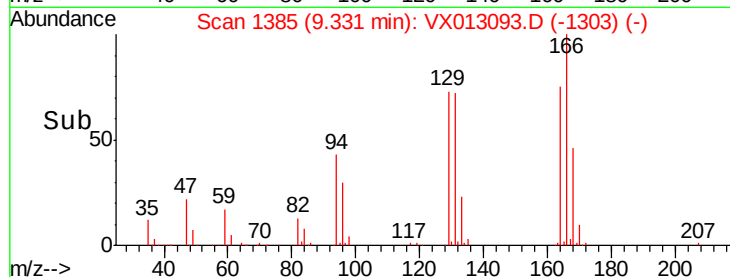
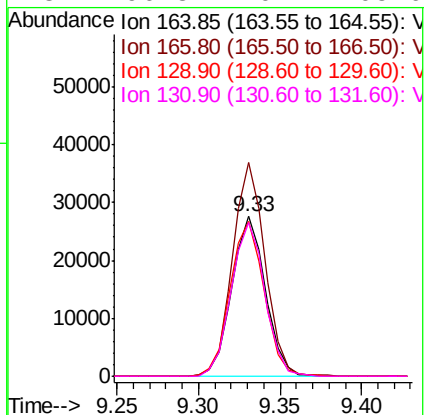
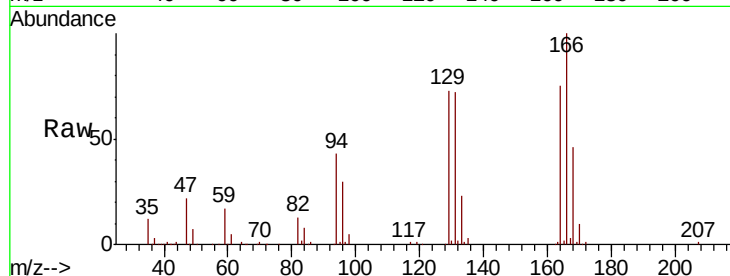




#61
Tetrachloroethene
Concen: 19.695 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

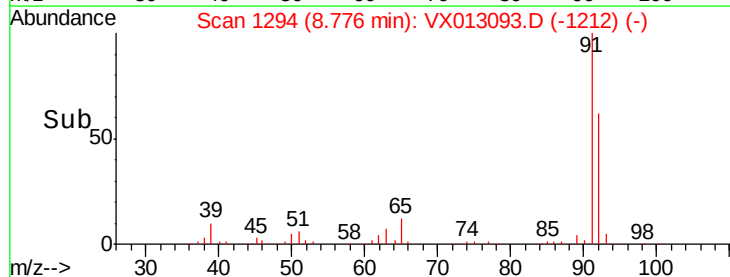
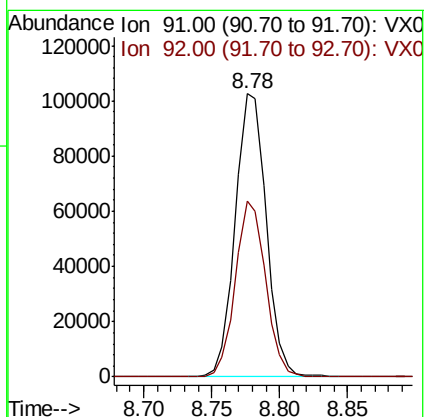
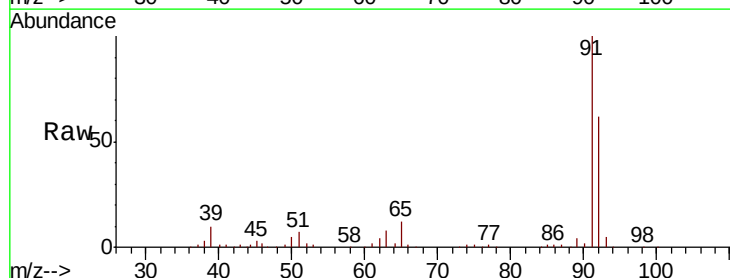
Instrument :
MSVOA_X
ClientSampleId :

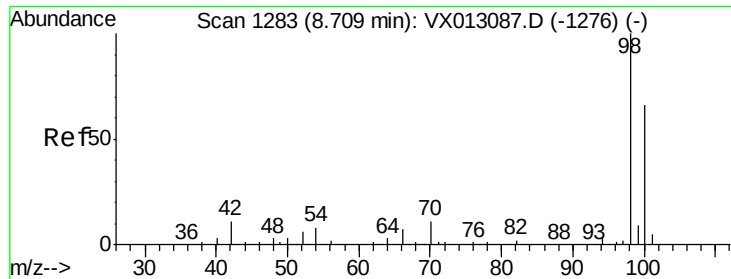
Tot Ion:164 Resp: 39533
Ion Ratio Lower Upper
164 100
166 133.7 98.4 147.6
129 97.0 75.2 112.8
131 96.3 70.4 105.6



#62
Toluene
Concen: 19.092 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 91 Resp: 163464
Ion Ratio Lower Upper
91 100
92 60.6 47.6 71.4

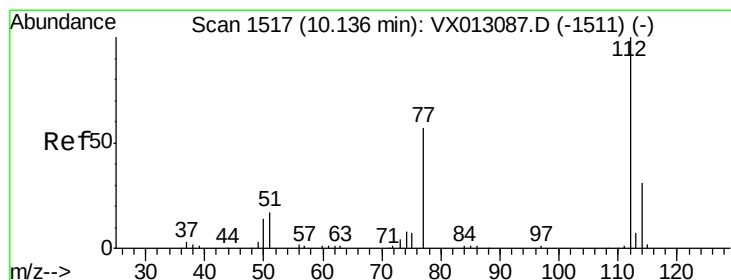
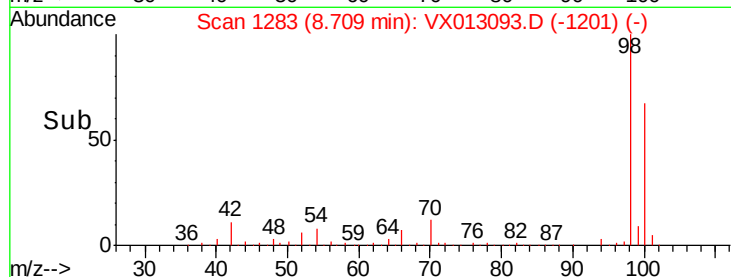
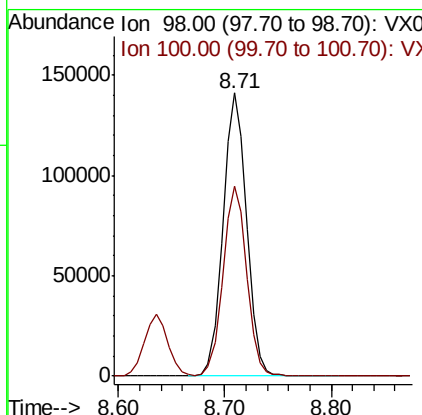
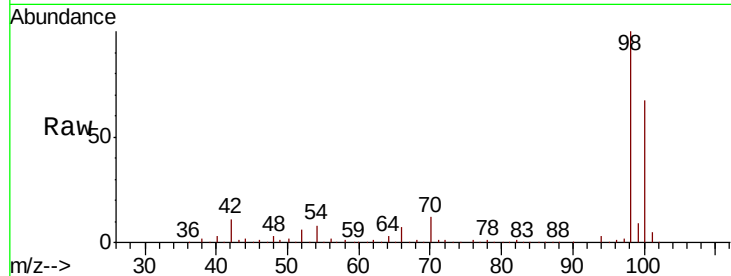




#63
Toluene-d8
Concen: 30.408 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

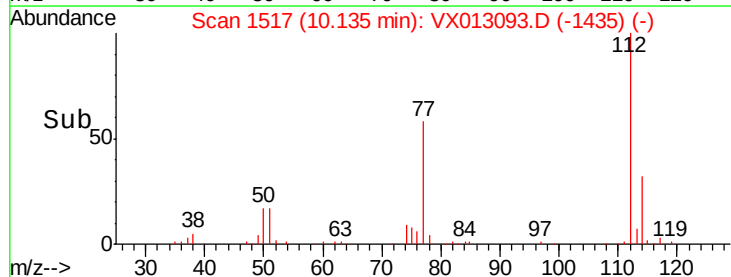
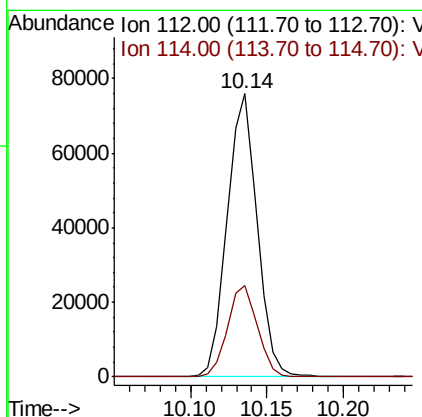
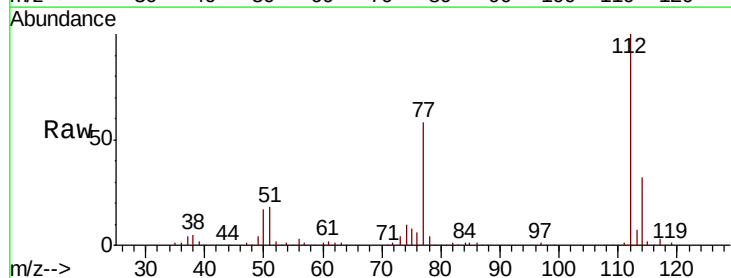
Instrument :
MSVOA_X
ClientSampleId :

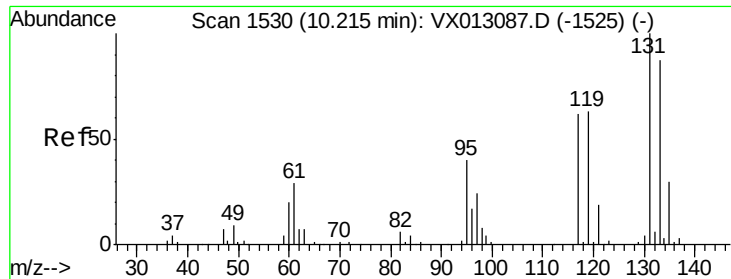
Tot Ion: 98 Resp: 218568
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.6



#64
Chlorobenzene
Concen: 18.991 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 112 Resp: 103342
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.509 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

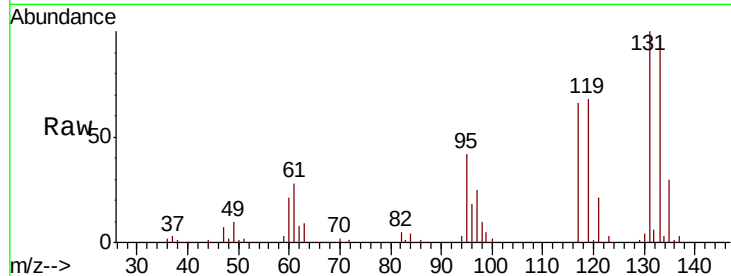
Tot Ion:131 Resp: 36992

Ion Ratio Lower Upper

131 100

133 94.9 0.0 187.8

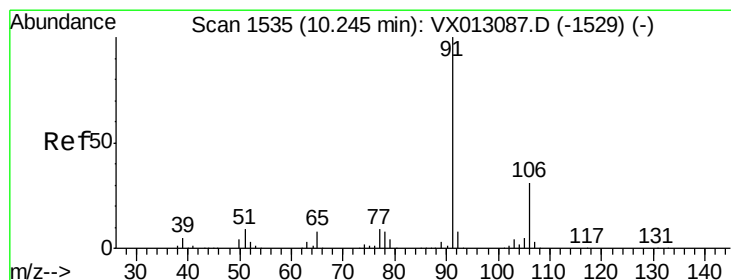
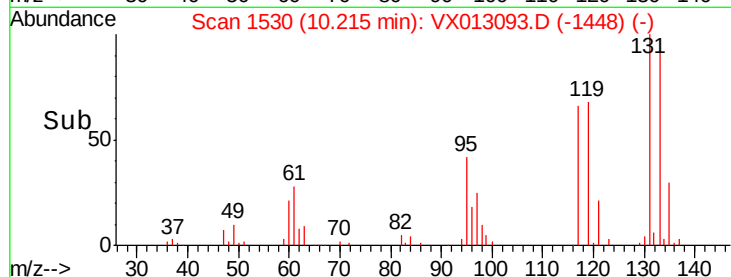
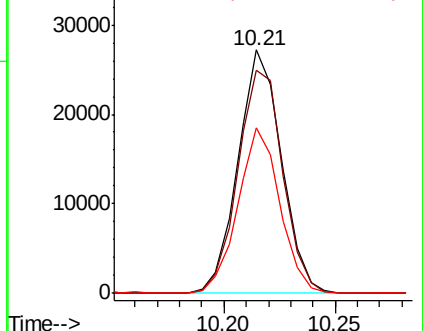
119 65.5 0.0 128.4



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: 19.056 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013093.D

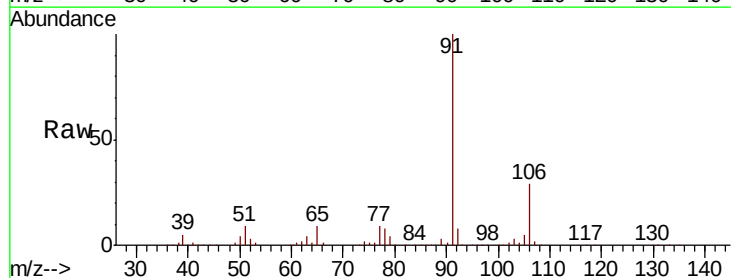
Acq: 16 Oct 2019 13:51

Tgt Ion: 91 Resp: 186227

Ion Ratio Lower Upper

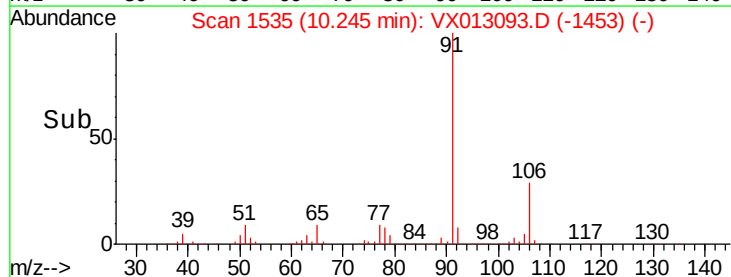
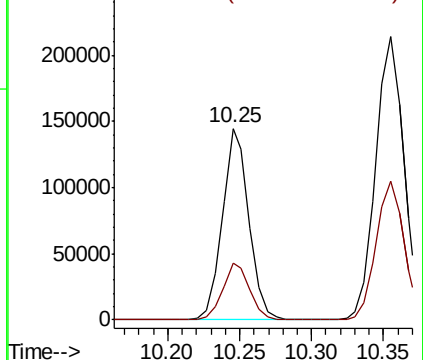
91 100

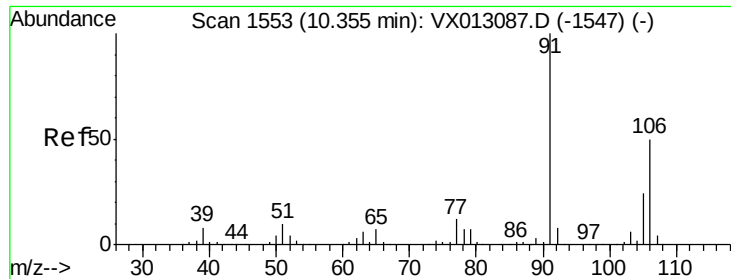
106 29.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

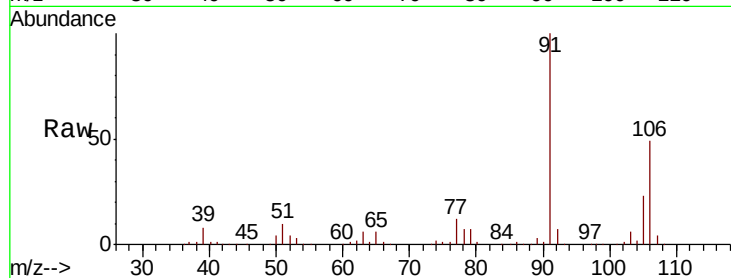




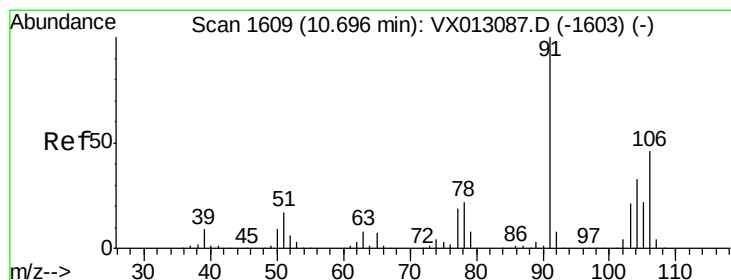
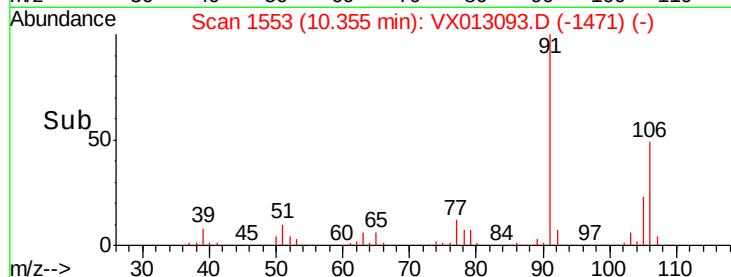
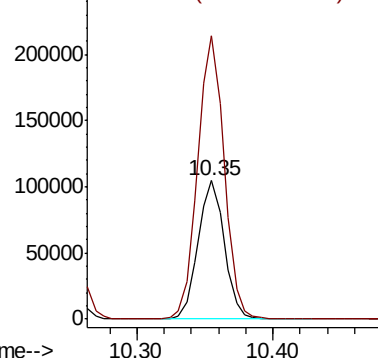
#67
m/p-Xylenes
Concen: 38.297 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 140802
Ion Ratio Lower Upper
106 100
91 205.3 162.6 243.8

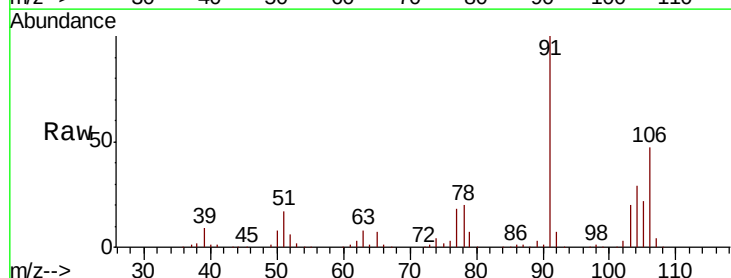


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

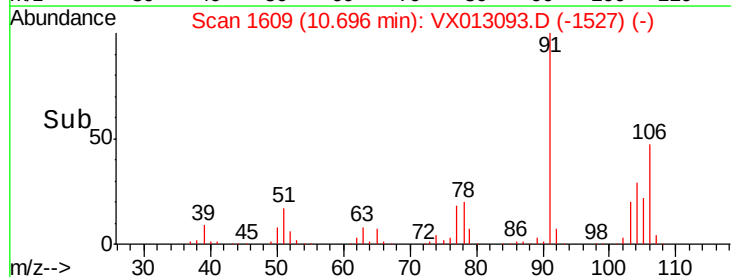
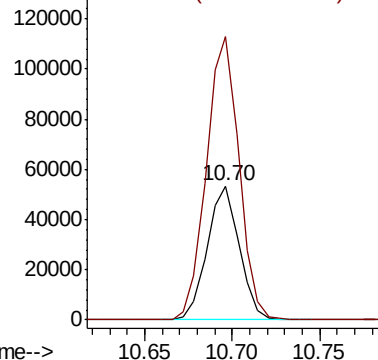


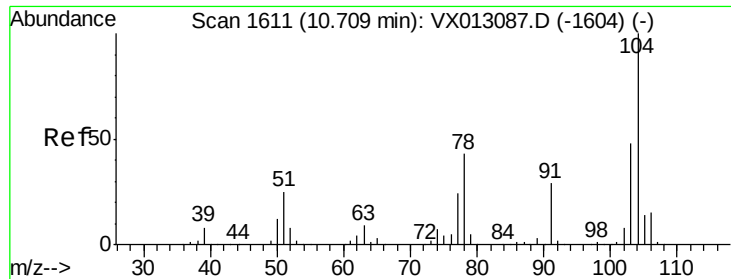
#68
o-Xylene
Concen: 19.053 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:106 Resp: 68213
Ion Ratio Lower Upper
106 100
91 214.0 109.1 327.3



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

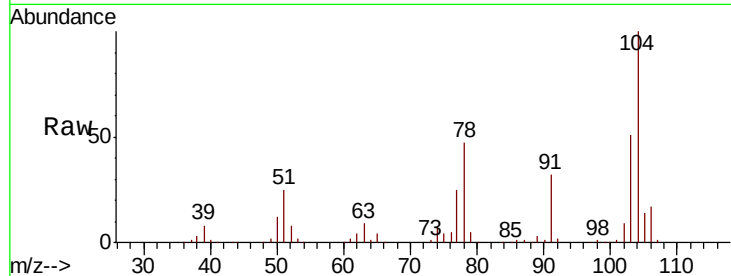




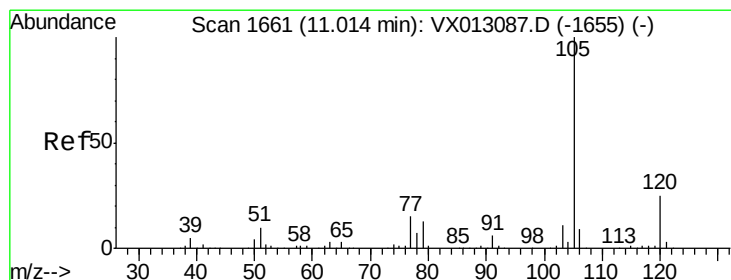
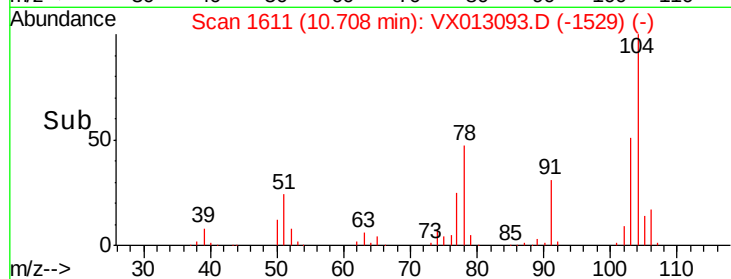
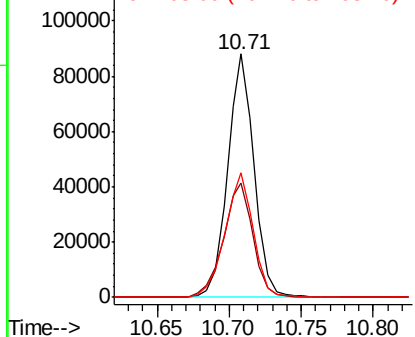
#69
Stvrene
Concen: 18.363 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 113177
Ion Ratio Lower Upper
104 100
78 52.7 41.0 61.4
103 55.1 42.8 64.2

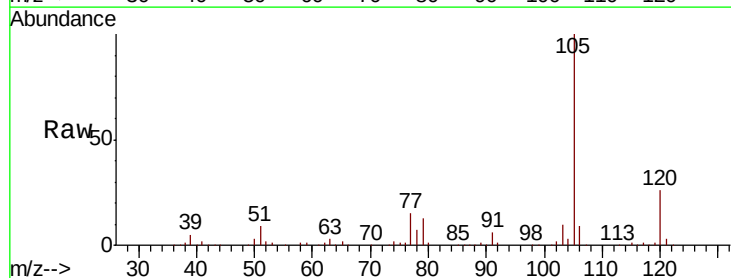


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

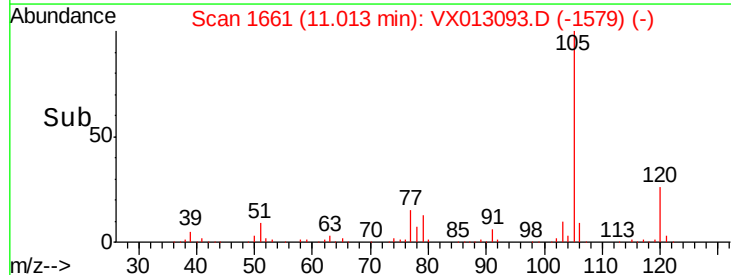
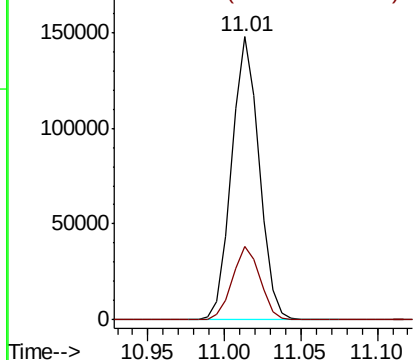


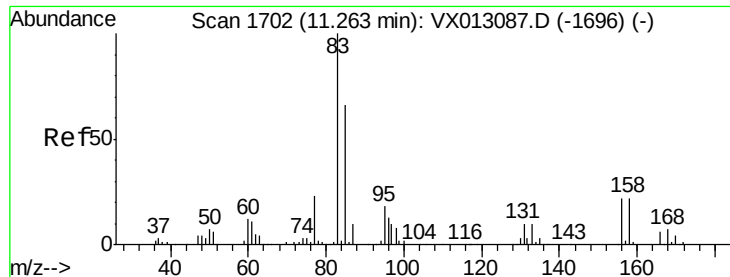
#70
Isopropylbenzene
Concen: 19.207 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:105 Resp: 183661
Ion Ratio Lower Upper
105 100
120 26.3 17.9 33.3



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

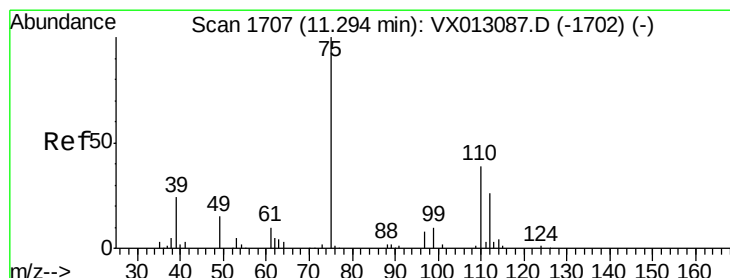
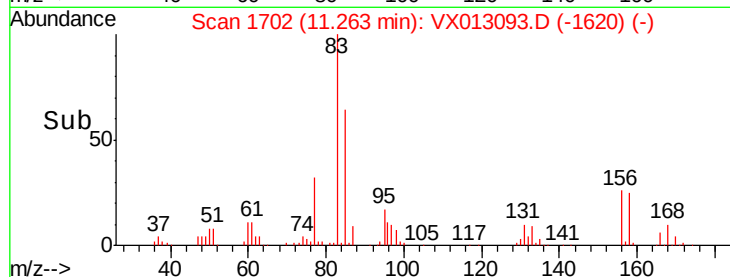
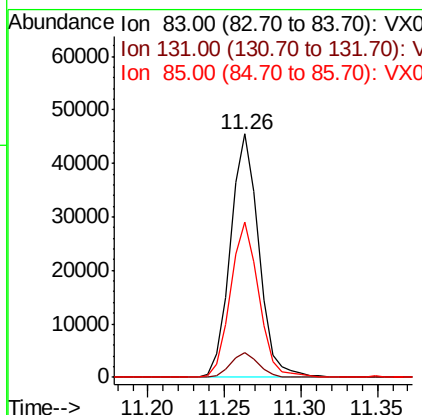
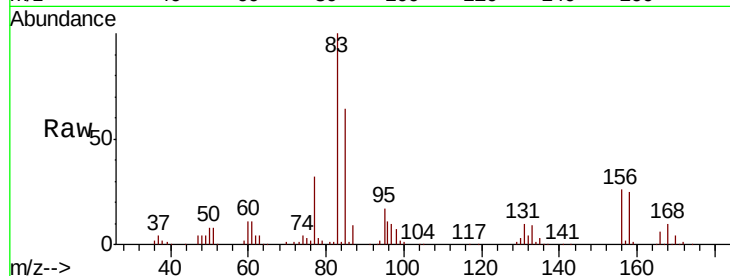




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.800 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

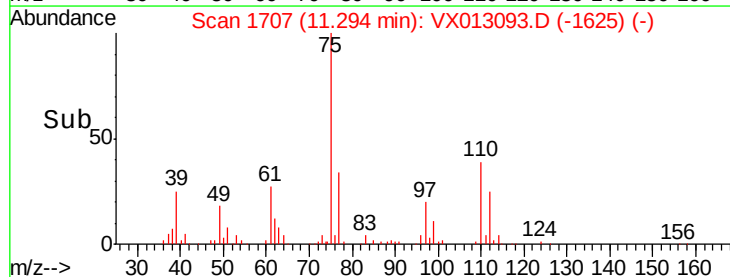
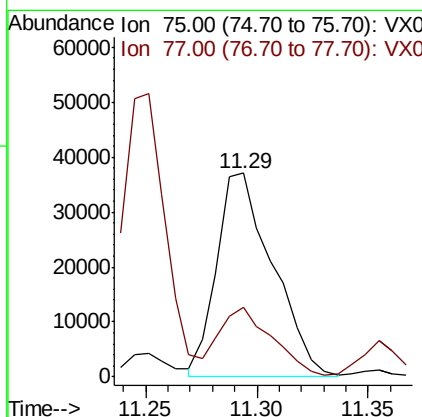
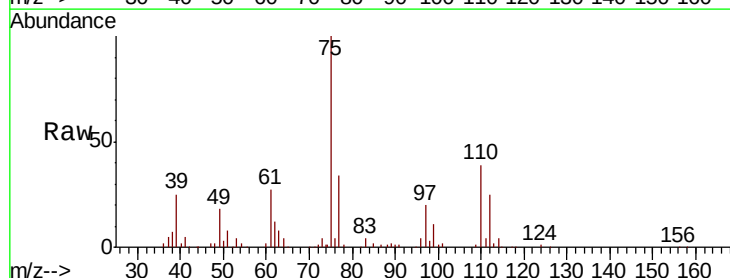
Instrument :
 MSVOA_X
 ClientSampleId :

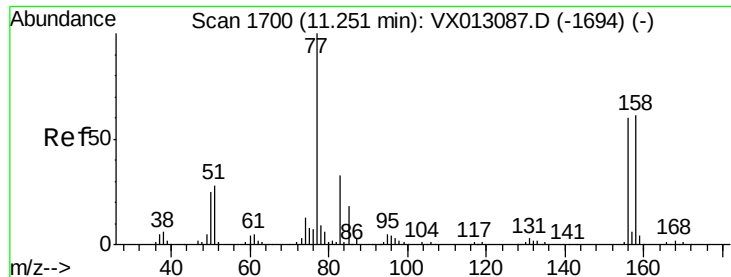
Tot Ion	83	Resp	58505
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	63.8	31.9	95.9



#72
 1,2,3-Trichloropropane
 Concen: 25.125 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	75	Resp	65014
Ion Ratio	100	Lower	Upper
75	100		
77	32.1	0.0	87.8

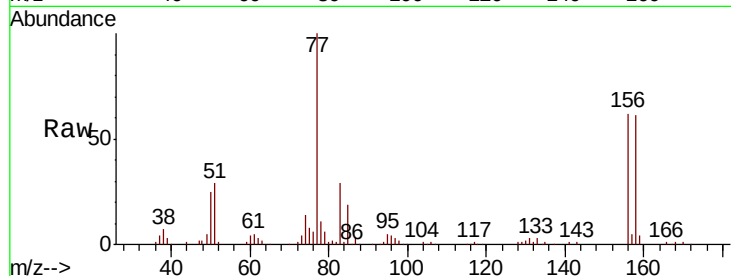




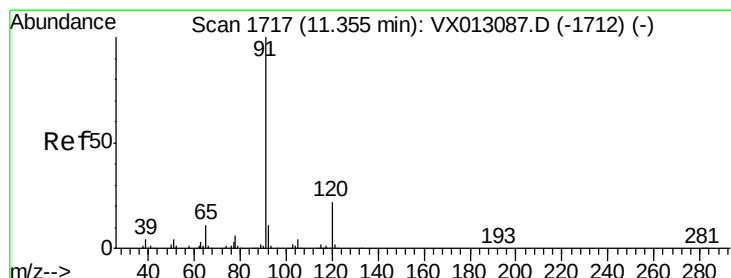
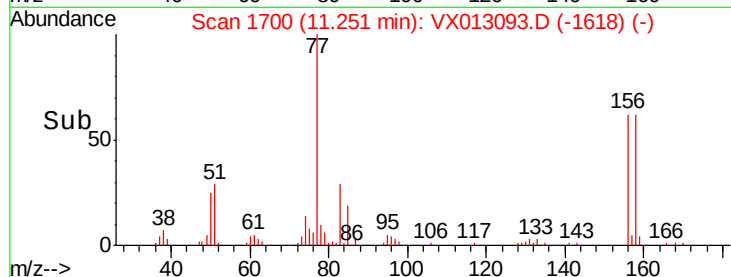
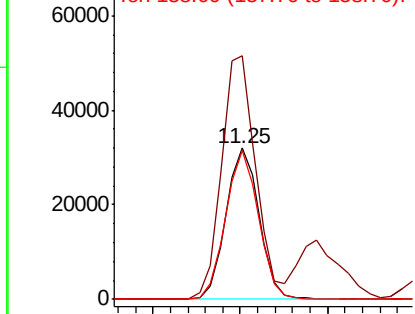
#73
Bromobenzene
Concen: 18.545 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:156 Resp: 42295
Ion Ratio Lower Upper
156 100
77 165.7 0.0 344.0
158 97.3 0.0 195.6

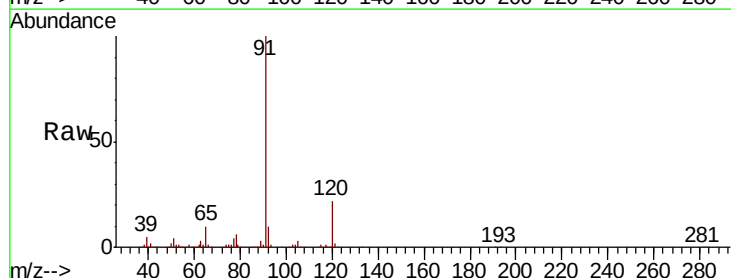


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

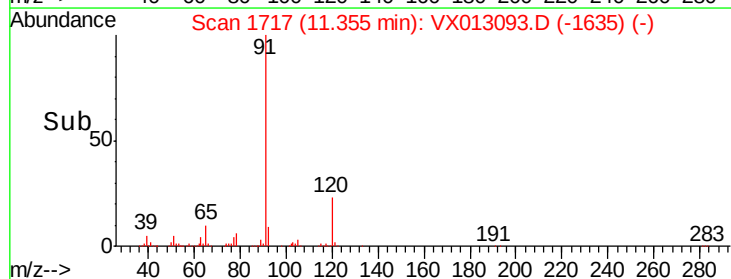
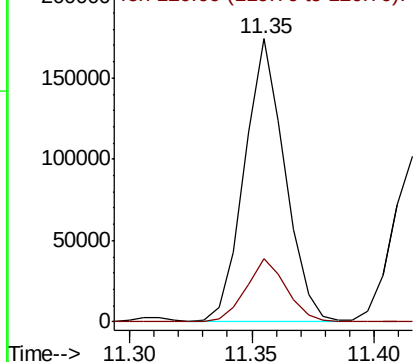


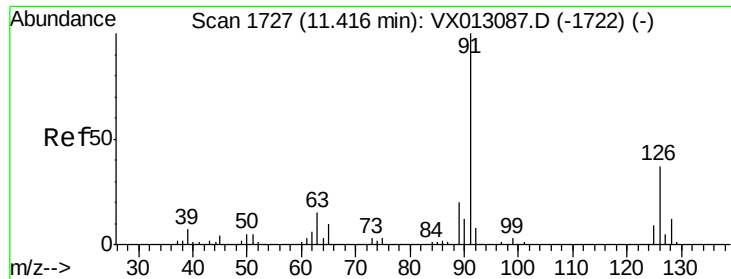
#74
n-propylbenzene
Concen: 18.754 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 91 Resp: 200308
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0



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





#75

2-Chlorotoluene

Concen: 18.985 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

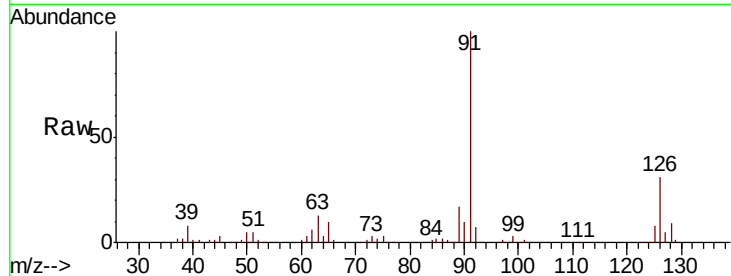
ClientSampleId :

Tot Ion: 91 Resp: 124225

Ion Ratio Lower Upper

91 100

126 31.4 0.0 66.0



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

Ion 126.00 (125.70 to 126.70): VX013087.D (-1722) (-)

200000

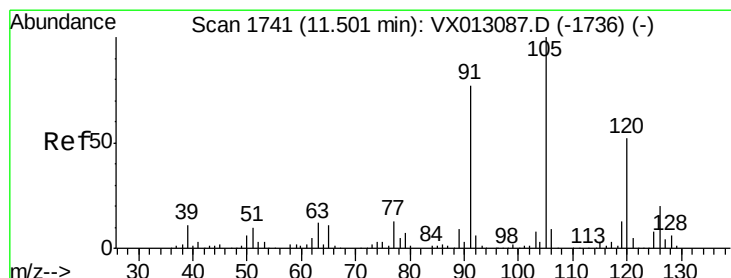
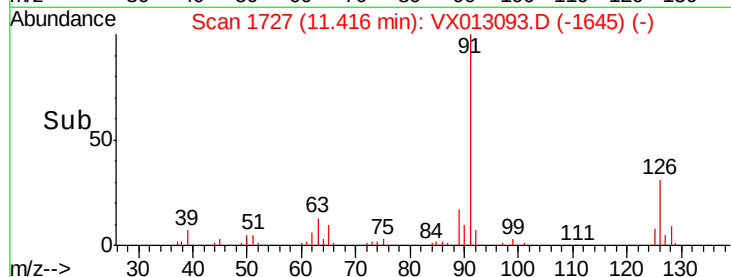
150000

100000

50000

0

Time--> 11.35 11.40 11.45



#76

1,3,5-Trimethylbenzene

Concen: 19.164 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013093.D

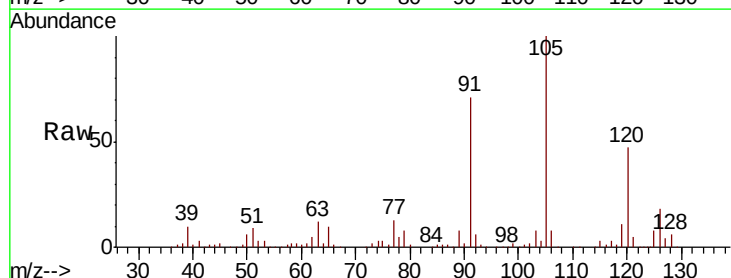
Acq: 16 Oct 2019 13:51

Tgt Ion: 105 Resp: 155938

Ion Ratio Lower Upper

105 100

120 48.0 0.0 96.6



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

Ion 120.00 (119.70 to 120.70): VX013087.D (-1736) (-)

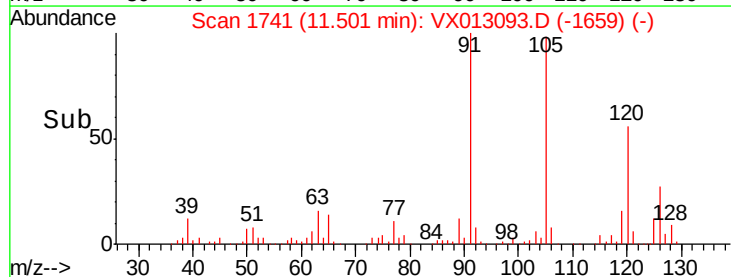
150000

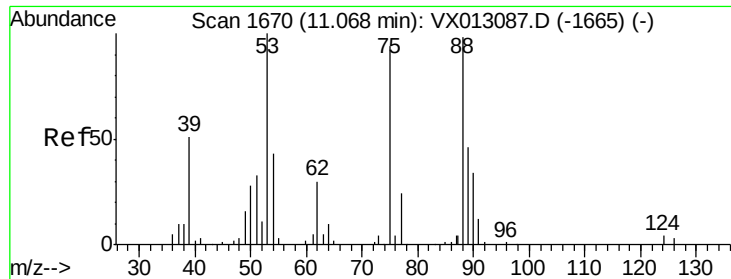
100000

50000

0

Time--> 11.45 11.50 11.55 11.60





#77

t-1,4-Dichloro-2-butene

Concen: 17.685 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

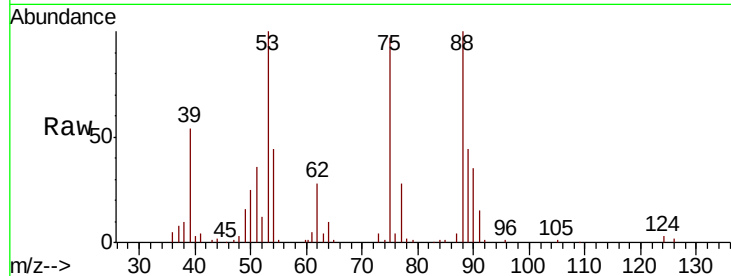
Tot Ion: 75 Resp: 17710

Ion Ratio Lower Upper

75 100

53 103.8 53.1 159.4

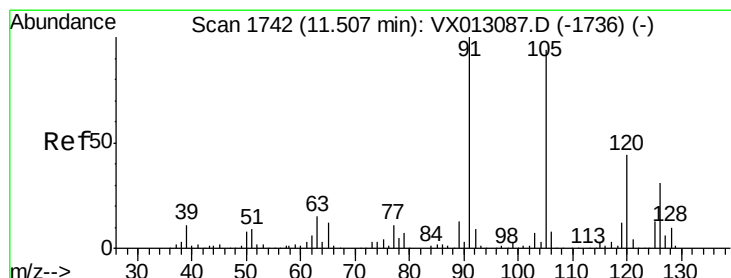
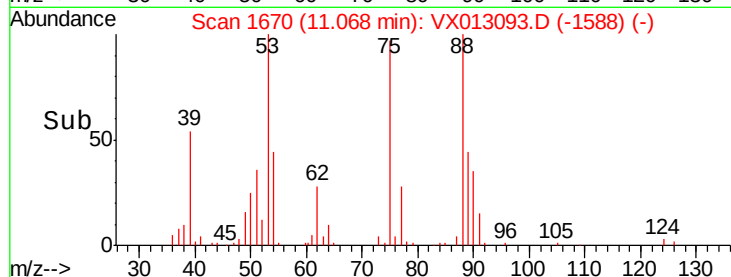
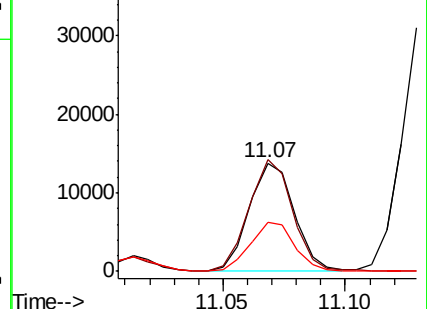
89 45.2 24.6 73.8



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: 19.127 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013093.D

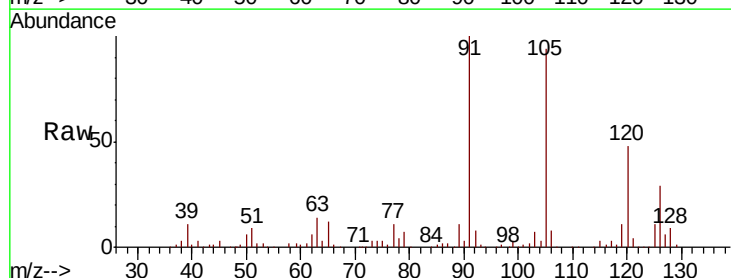
Acq: 16 Oct 2019 13:51

Tgt Ion: 91 Resp: 144719

Ion Ratio Lower Upper

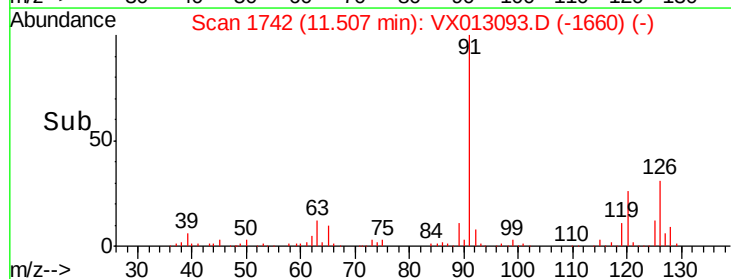
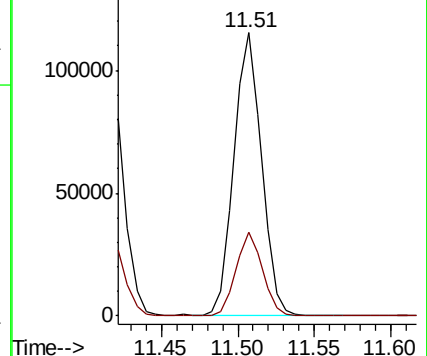
91 100

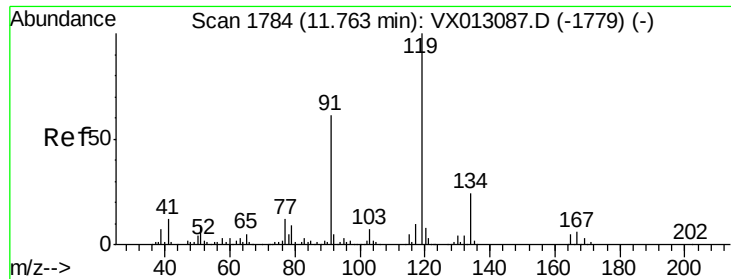
126 28.1 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

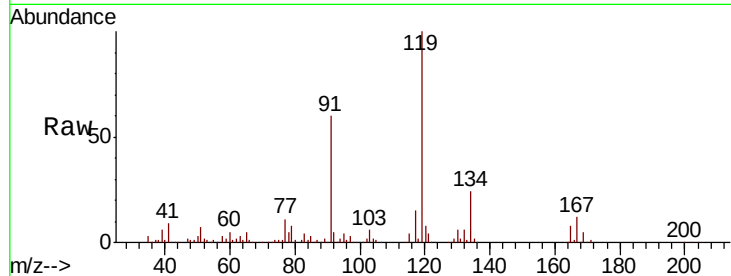




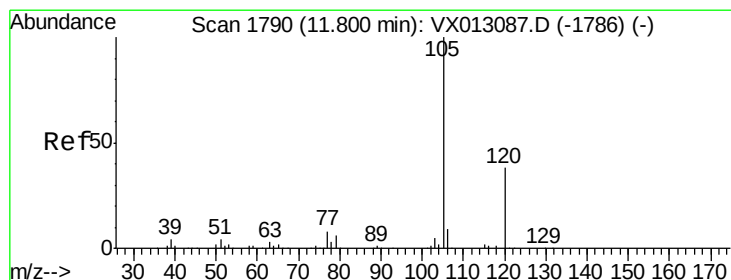
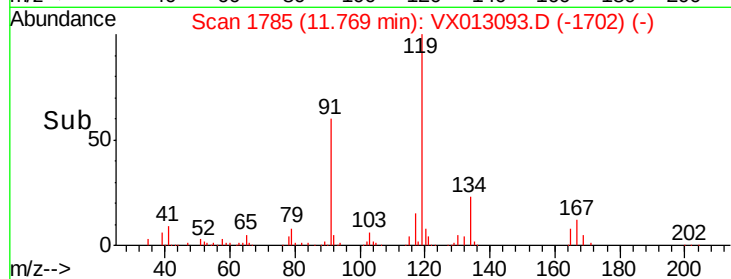
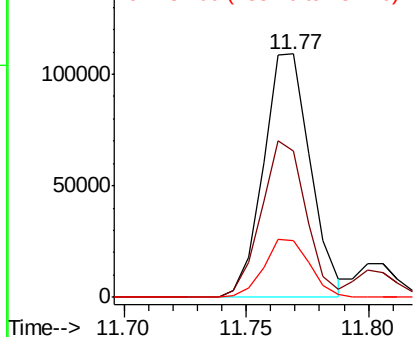
#79
tert-butylbenzene
Concen: 19.035 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	0.0	122.2
134	23.4	0.0	46.6

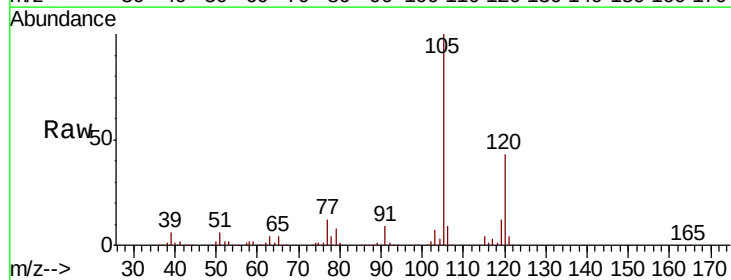


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

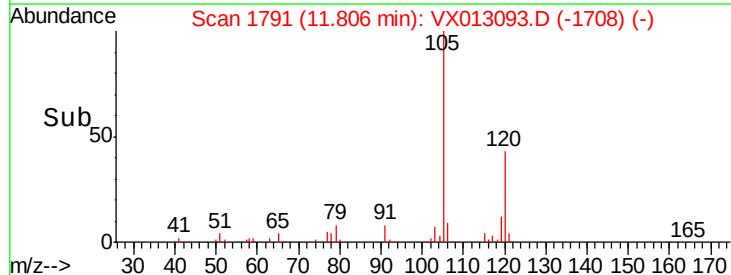
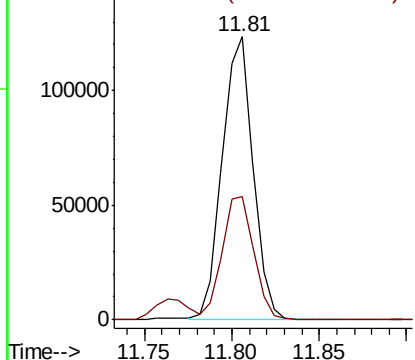


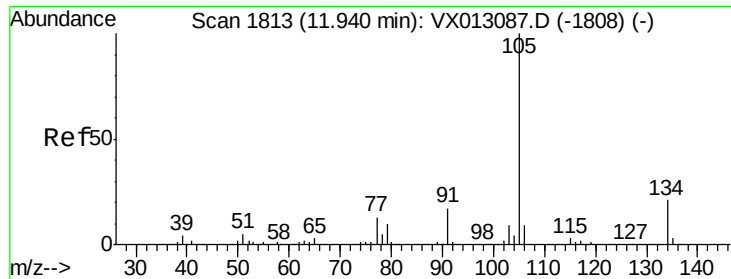
#80
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt 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

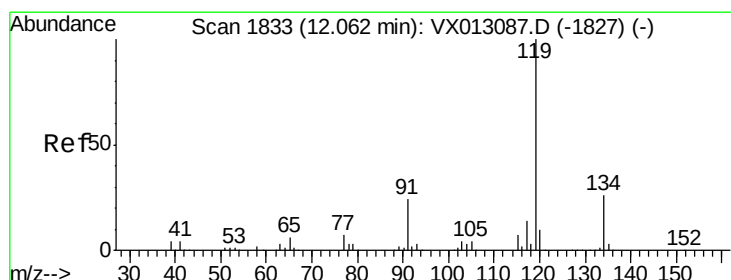
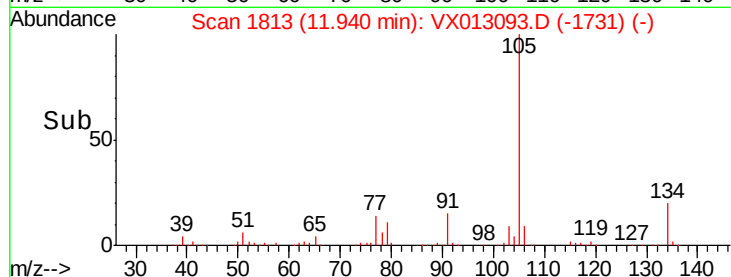
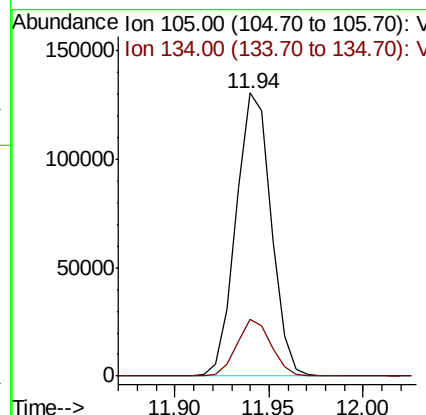
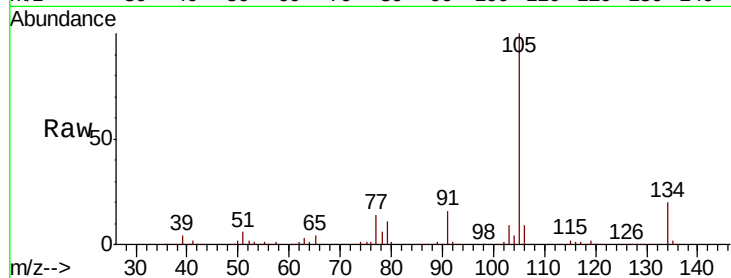




#81
 sec-Butylbenzene
 Concen: 18.323 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

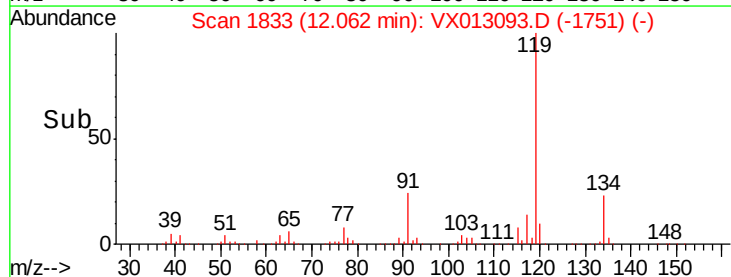
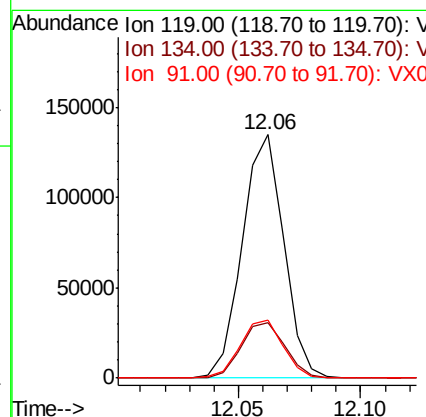
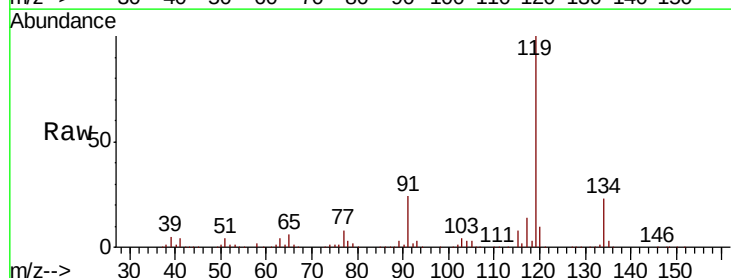
Instrument :
 MSVOA_X
 ClientSampled :

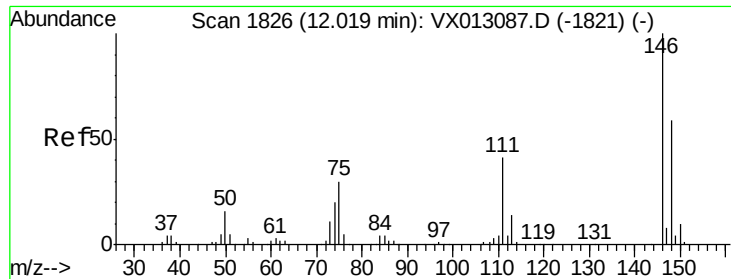
Tot Ion:105 Resp: 168953
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 19.031 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion:119 Resp: 160010
 Ion Ratio Lower Upper
 119 100
 134 24.2 0.0 52.0
 91 24.7 0.0 50.4

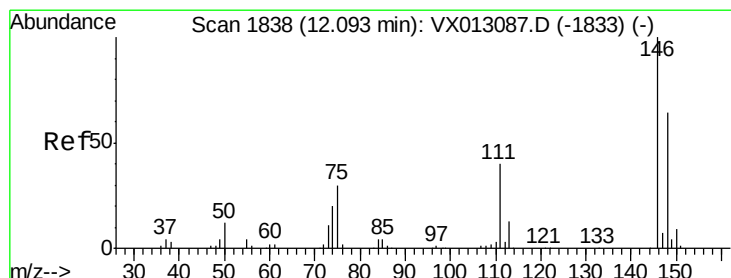
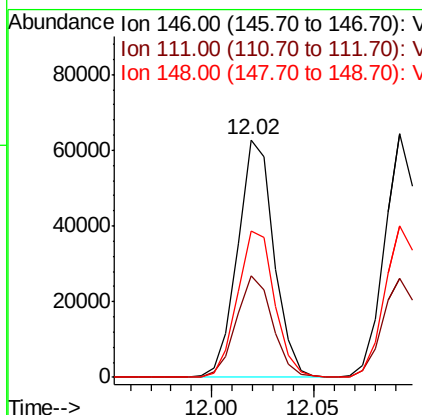
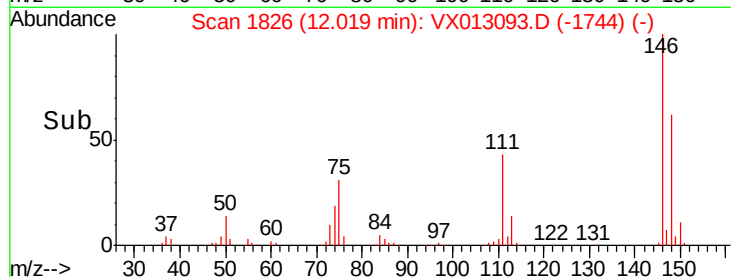
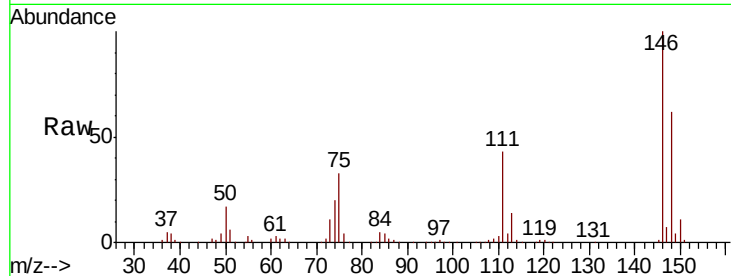




#83
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

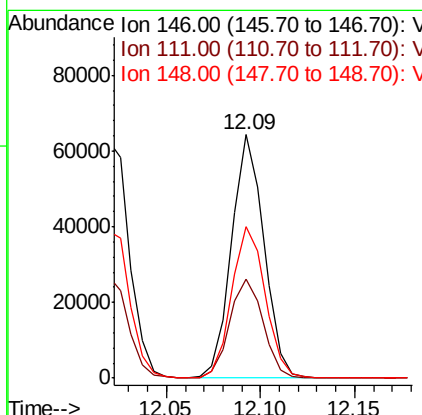
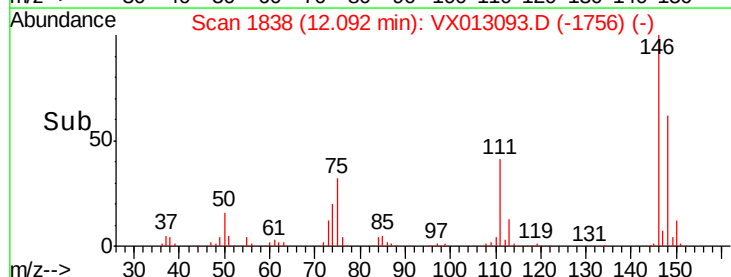
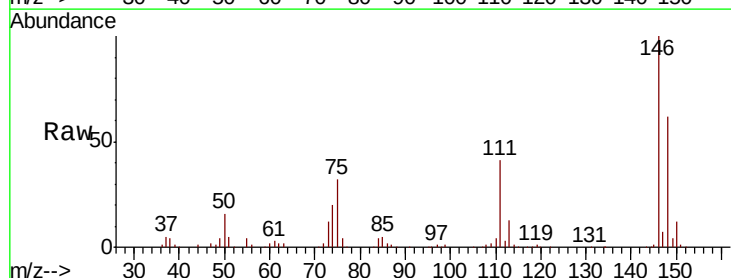
Instrument :
 MSVOA_X
 ClientSampleId :

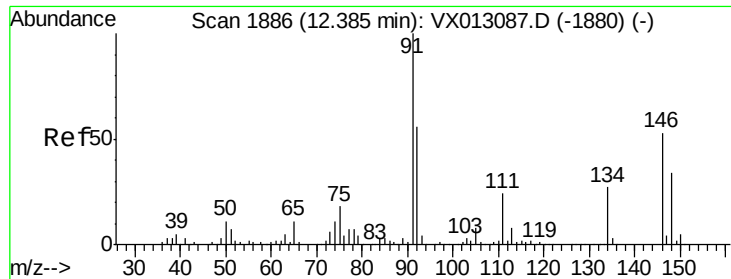
Tot Ion:146 Resp: 77399
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.9
 148 63.0 30.4 91.2



#84
 1,4-Dichlorobenzene
 Concen: 18.509 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion:146 Resp: 76954
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.0 59.9
 148 64.5 31.9 95.7

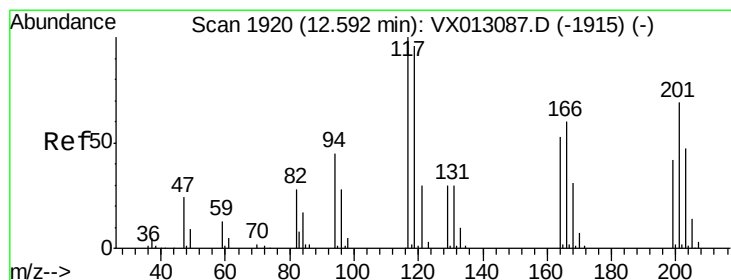
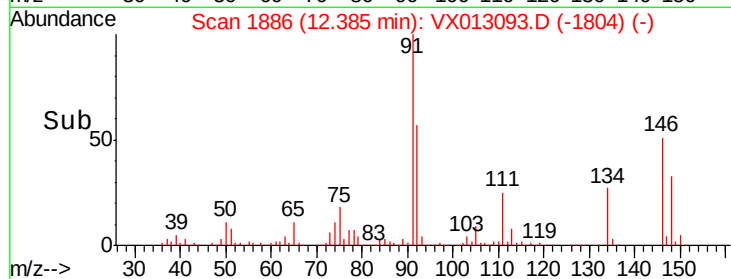
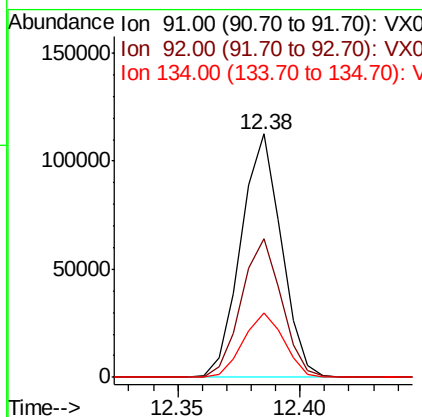
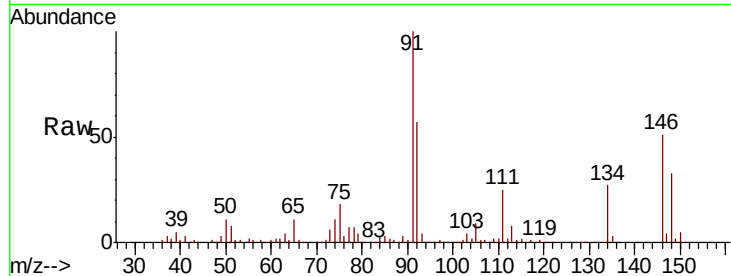




#85
n-Butylbenzene
Concen: 18.113 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

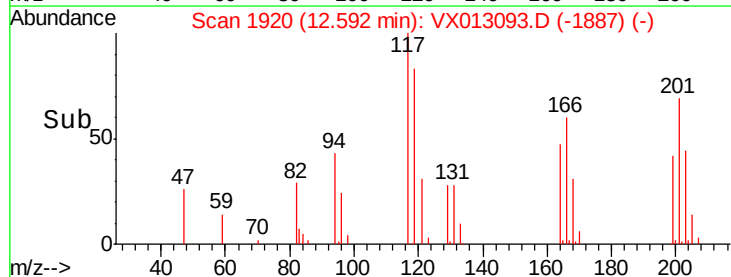
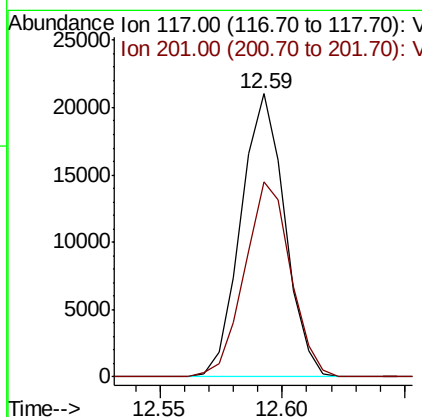
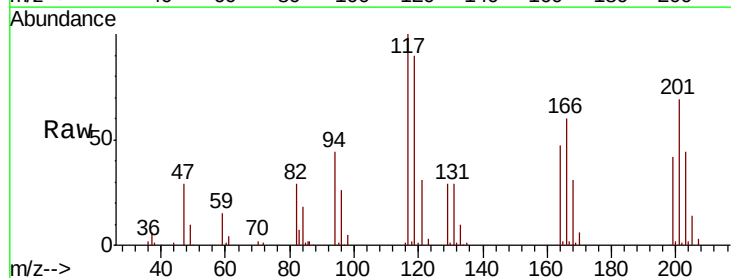
Instrument :
MSVOA_X
ClientSampled :

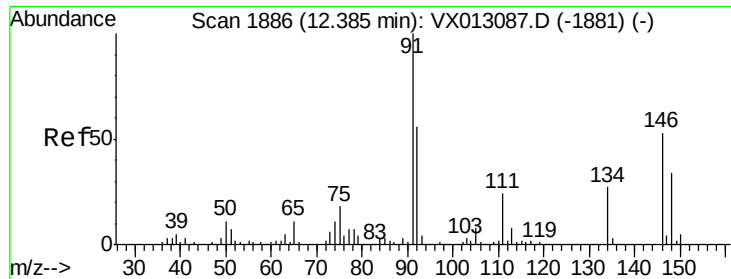
Tot Ion: 91 Resp: 129997
Ion Ratio Lower Upper
91 100
92 56.5 0.0 109.4
134 26.7 0.0 51.6



#86
Hexachloroethane
Concen: 17.997 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 117 Resp: 26222
Ion Ratio Lower Upper
117 100
201 72.3 34.2 102.5

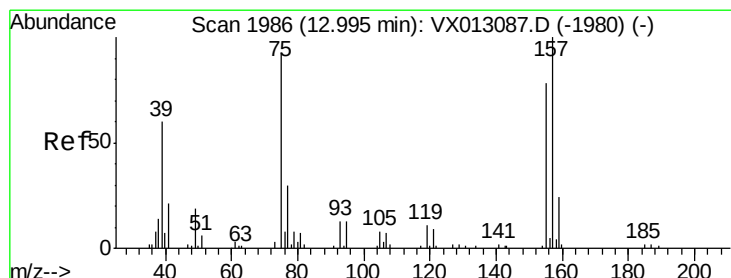
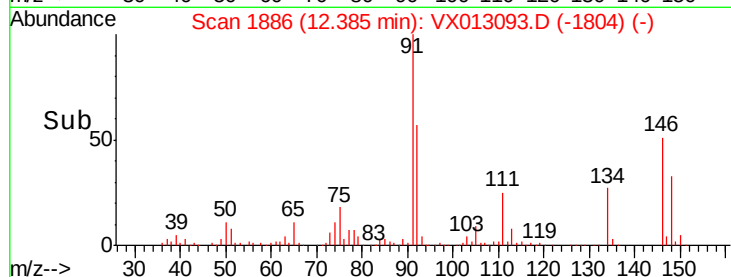
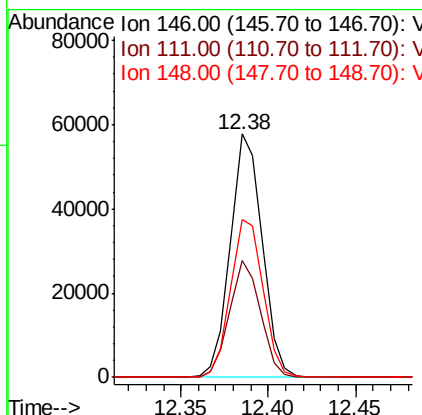
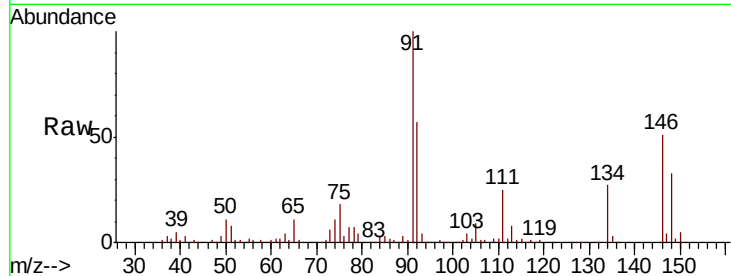




#87
 1,2-Dichlorobenzene
 Concen: 18.044 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

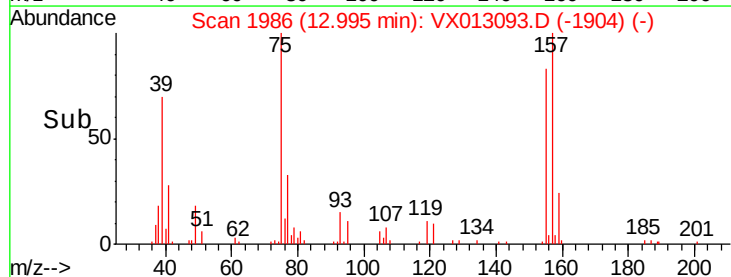
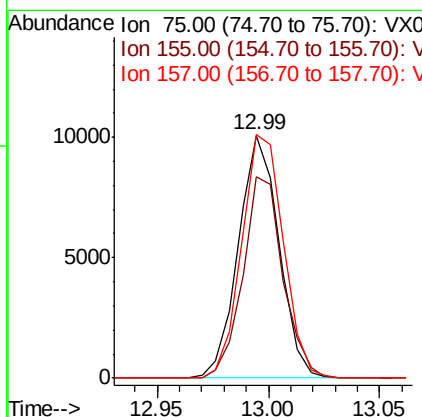
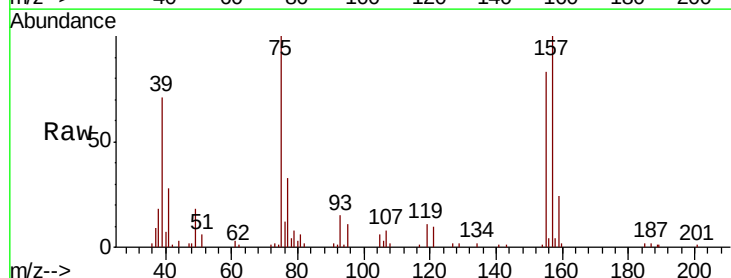
Instrument :
 MSVOA_X
 ClientSampled :

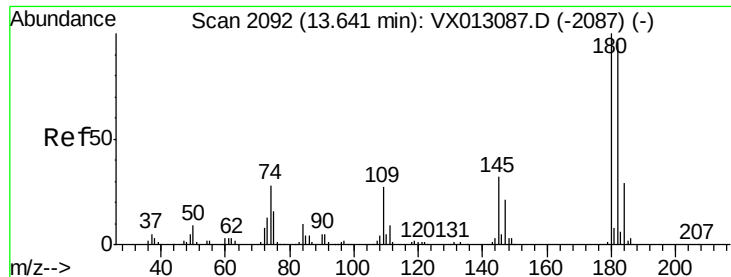
Tot Ion:146 Resp: 73565
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.3 66.9
 148 66.1 32.7 98.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.933 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 75 Resp: 12815
 Ion Ratio Lower Upper
 75 100
 155 82.3 68.4 102.6
 157 103.4 85.6 128.4

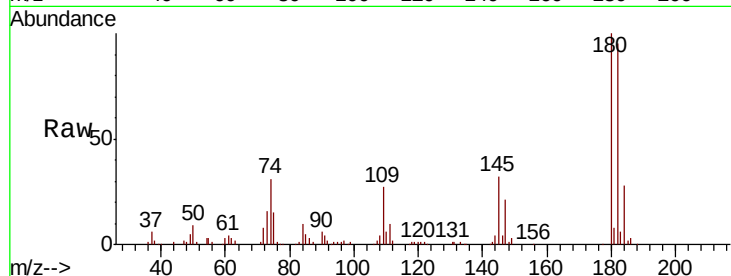




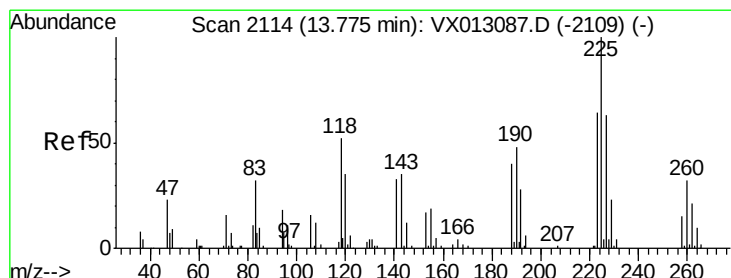
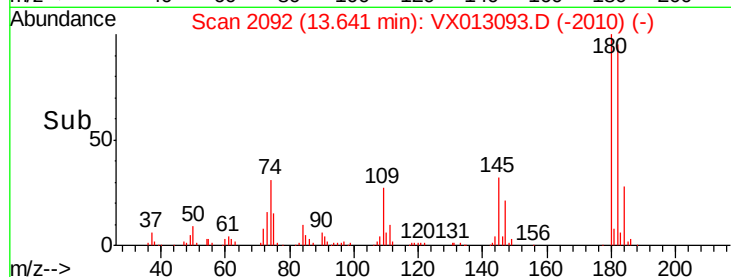
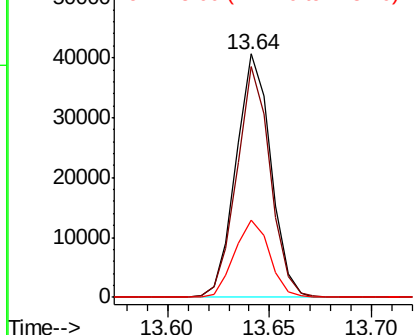
#89
1,2,4-Trichlorobenzene
Concen: 18.920 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:180 Resp: 48127
Ion Ratio Lower Upper
180 100
182 91.2 74.8 112.2
145 32.0 26.2 39.2

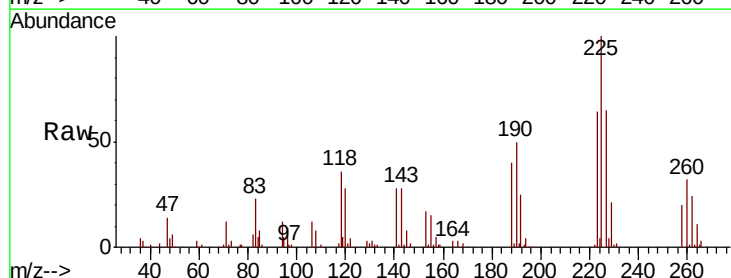


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

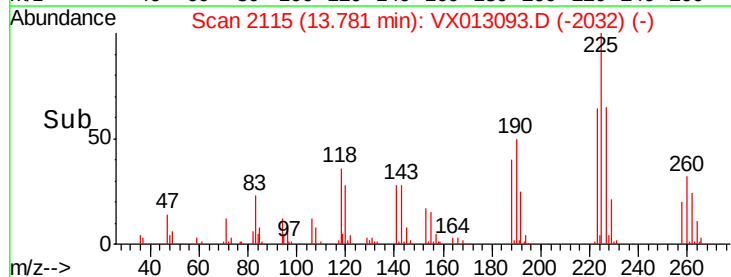
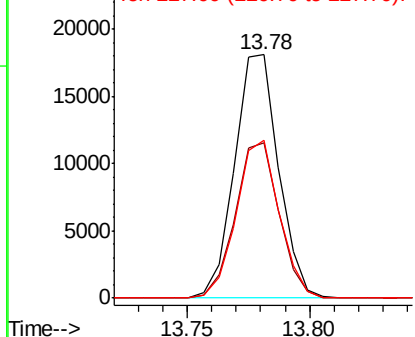


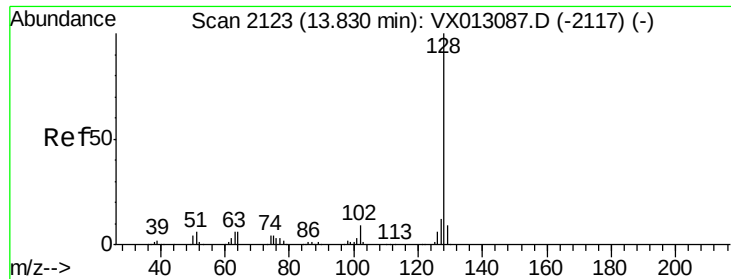
#90
Hexachlorobutadiene
Concen: 18.852 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:225 Resp: 22761
Ion Ratio Lower Upper
225 100
223 63.2 0.0 132.2
227 62.9 0.0 124.2



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

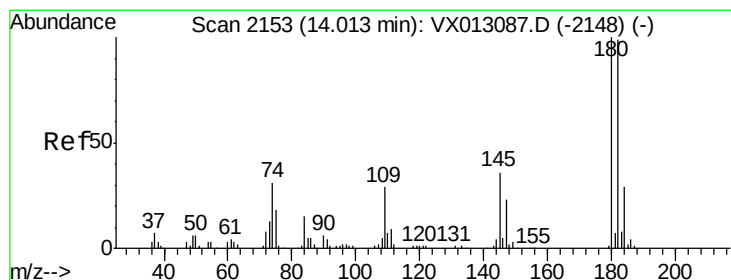
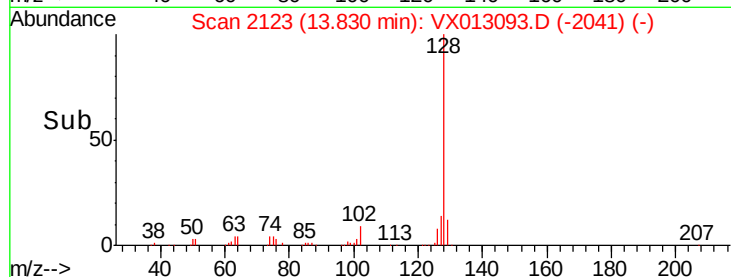
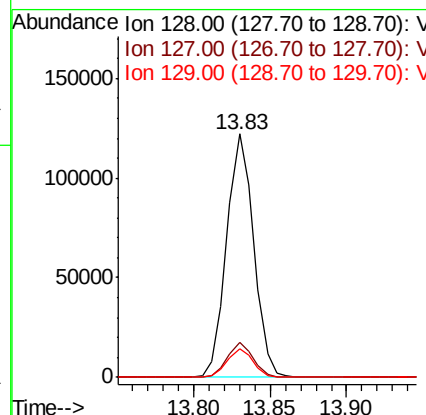
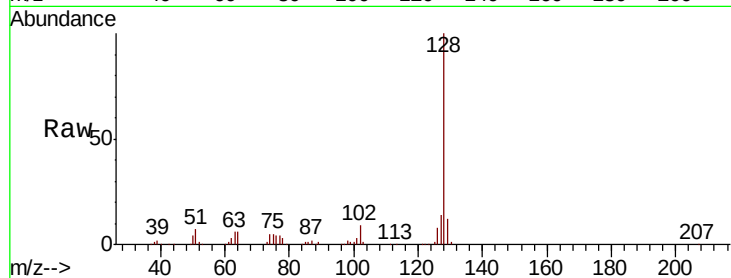




#91
Naphthalene
Concen: 17.329 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 149923
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.6 8.0 12.0



#92
1,2,3-Trichlorobenzene
Concen: 18.158 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:180 Resp: 46268
Ion Ratio Lower Upper
180 100
182 96.8 0.0 195.2
145 34.4 0.0 69.8

