

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
 Data File : VX013244.D
 Acq On : 28 Oct 2019 13:43
 Operator : JC/SP
 Sample : VX1028WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Quant Time: Oct 29 15:14:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	23140	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	127347	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	115337	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	54515	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	60287	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	154554	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	30338	18.261 ug/l	97
3) Chloromethane	1.32	50	23578	16.279 ug/l	94
4) Vinyl Chloride	1.40	62	24755	16.531 ug/l	100
5) Bromomethane	1.63	94	16061	19.876 ug/l	93
6) Chloroethane	1.72	64	16007	16.750 ug/l	93
7) Trichlorofluoromethane	1.92	101	44546	18.511 ug/l	99
8) Diethyl Ether	2.18	74	13971	17.009 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25150	17.110 ug/l	99
10) 1,1-Dichloroethene	2.36	96	24435	17.213 ug/l	95
11) Methyl Iodide	2.50	142	26603	14.551 ug/l	96
12) Methyl Acetate	2.76	43	31211	17.026 ug/l	95
13) Acrolein	2.28	56	26525	97.205 ug/l	96
14) Acrylonitrile	3.13	53	64462	84.086 ug/l	99
15) Acetone	2.44	58	21385	84.668 ug/l	93
16) Carbon Disulfide	2.56	76	61390	16.194 ug/l	100
17) Allyl chloride	2.72	41	36373	16.108 ug/l	89
18) Methylene Chloride	2.85	84	27430	16.688 ug/l	93
19) trans-1,2-Dichloroethene	3.16	96	26009	17.266 ug/l	97
20) Diisopropyl ether	3.84	45	74084	16.963 ug/l	96
21) 1,1-Dichloroethane	3.69	63	46369	17.487 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	29372	17.099 ug/l	95
23) tert-Butyl Alcohol	3.03	59	35780	88.587 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	88384	18.053 ug/l	98
25) Chloroform	5.20	83	51162	18.361 ug/l	96
26) Cyclohexane	5.57	56	37979	16.323 ug/l #	97
29) 1,1-Dichloropropene	5.79	75	35414	17.901 ug/l #	86
30) 2-Butanone	4.65	43	94273	90.845 ug/l	98
31) 2,2-Dichloropropane	4.58	77	44686	19.537 ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	47040	19.650 ug/l	99
33) Carbon Tetrachloride	5.78	117	40076	19.478 ug/l	97
34) Benzene	6.14	78	103716	18.210 ug/l	97
35) Methacrylonitrile	5.03	41	18897	17.757 ug/l	93
36) 1,2-Dichloroethane	6.19	62	42929	19.940 ug/l	98
37) Trichloroethene	7.21	130	29776	18.849 ug/l	97
38) Methylcyclohexane	7.46	83	42698	17.697 ug/l	99
39) 1,2-Dichloropropane	7.50	63	24744	17.701 ug/l	97
40) Dibromomethane	7.65	93	18595	18.623 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	37705	18.727	ug/l	99
42) Vinyl Acetate	3.80	43	319871	88.888	ug/l	99
43) Ethyl Acetate	4.82	43	32536	17.190	ug/l	99
44) Isopropyl Acetate	6.43	43	57633	18.118	ug/l	99
45) 1,4-Dioxane	7.73	88	14205	353.102	ug/l	96
46) Methyl methacrylate	7.76	41	27851	17.793	ug/l	93
47) n-amyl Acetate	10.89	43	46447	17.322	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	40135	18.173	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	44744	18.620	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	27270	18.493	ug/l	95
51) Ethyl methacrylate	9.17	69	42574	18.413	ug/l	96
52) 1,3-Dichloropropane	9.37	76	46264	18.630	ug/l	100
53) Dibromochloromethane	9.57	129	30505	19.178	ug/l	96
54) 1,2-Dibromoethane	9.67	107	30083	19.080	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	93833	99.905	ug/l	99
56) Bromoform	10.85	173	20715	18.357	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	175087	90.090	ug/l	100
59) 2-Hexanone	9.48	43	133758	87.818	ug/l	99
61) Tetrachloroethene	9.33	164	29309	19.168	ug/l	97
62) Toluene	8.78	91	114078	18.322	ug/l	100
64) Chlorobenzene	10.14	112	72754	18.224	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	28550	19.091	ug/l	98
66) Ethyl Benzene	10.25	91	131768	18.388	ug/l	100
67) m/p-Xylenes	10.36	106	98713	36.245	ug/l	98
68) o-Xylene	10.70	106	46433	17.859	ug/l	99
69) Styrene	10.71	104	80521	17.997	ug/l	98
70) Isopropylbenzene	11.01	105	130577	18.303	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	39507	18.072	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	47508	25.021	ug/l	87
73) Bromobenzene	11.25	156	30807	17.994	ug/l	99
74) n-propylbenzene	11.35	91	137353	17.541	ug/l	99
75) 2-Chlorotoluene	11.42	91	87593	17.877	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	114109	19.054	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	12533	17.001	ug/l	96
78) 4-Chlorotoluene	11.51	91	97866	17.480	ug/l	98
79) tert-butylbenzene	11.76	119	102508	17.776	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	110324	18.441	ug/l	96
81) sec-Butylbenzene	11.94	105	121447	17.679	ug/l	99
82) p-Isopropyltoluene	12.06	119	113243	18.029	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	54906	17.561	ug/l	95
84) 1,4-Dichlorobenzene	12.09	146	54807	17.724	ug/l	99
85) n-Butylbenzene	12.39	91	89406	16.757	ug/l	99
86) Hexachloroethane	12.59	117	19609	17.886	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	56568	18.651	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	9894	18.368	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	33246	17.625	ug/l	99
90) Hexachlorobutadiene	13.78	225	16680	17.416	ug/l	97
91) Naphthalene	13.83	128	105460	17.187	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	33439	17.303	ug/l	99

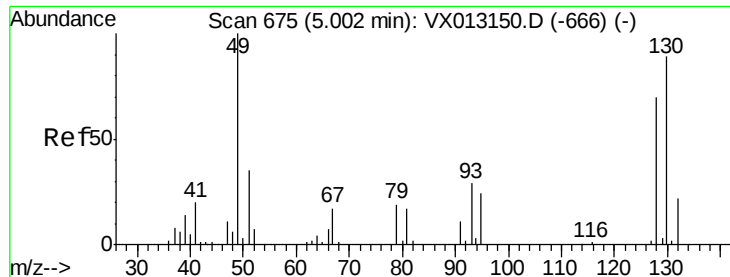
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
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QLast Update : Tue Oct 22 01:53:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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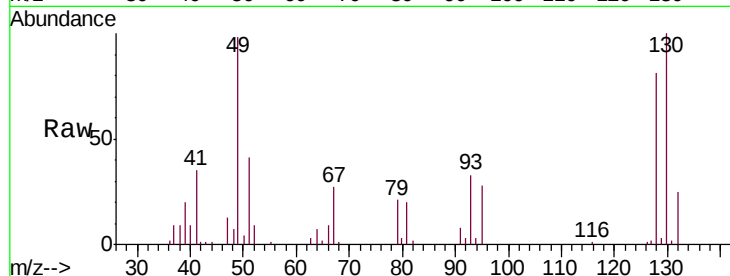
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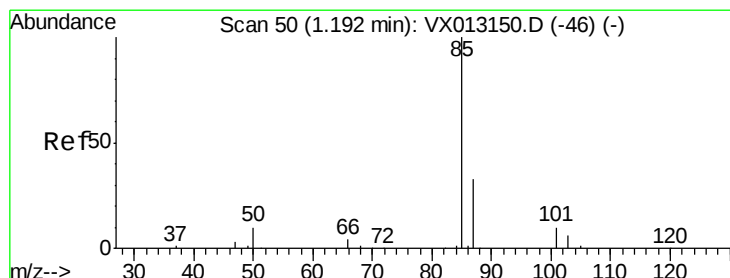
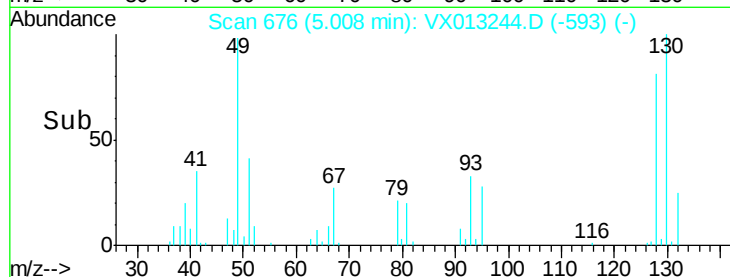
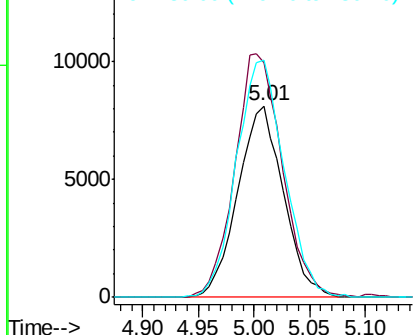
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS02

Tgt Ion:128 Resp: 23140
Ion Ratio Lower Upper
128 100
49 132.4 0.0 367.3
130 130.1 0.0 325.0

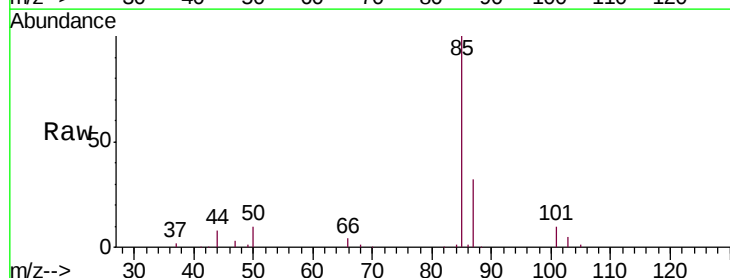


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

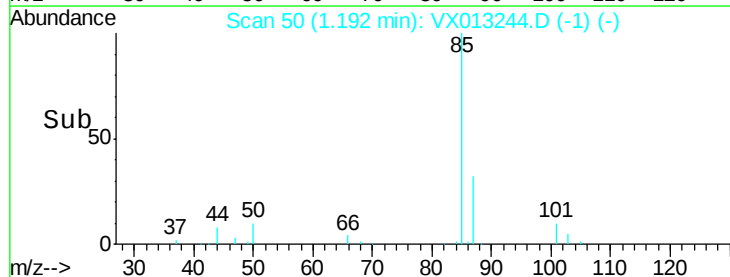
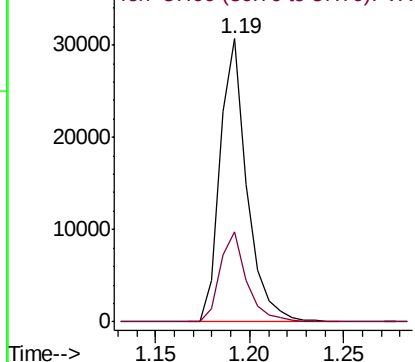


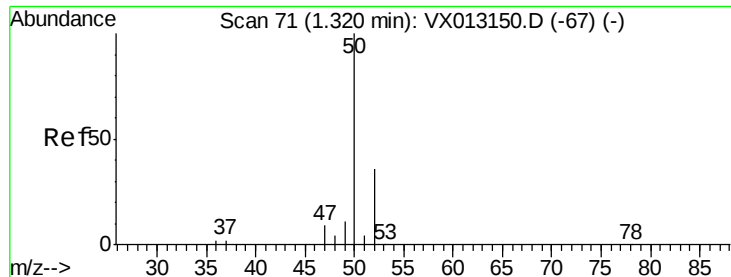
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Dichlorodifluoromethane
Concen: 18.261 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 85 Resp: 30338
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.7



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

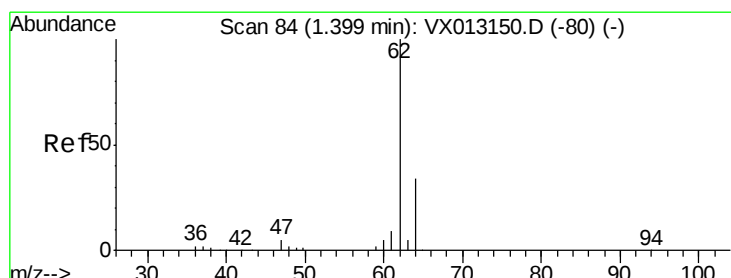
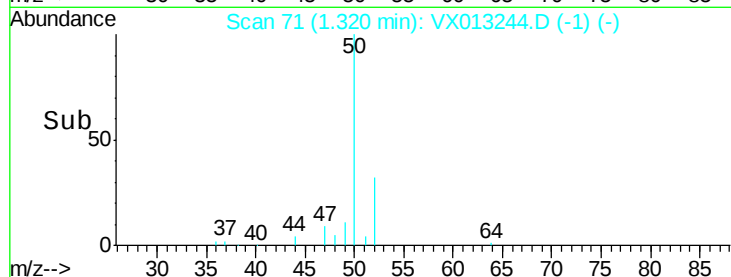
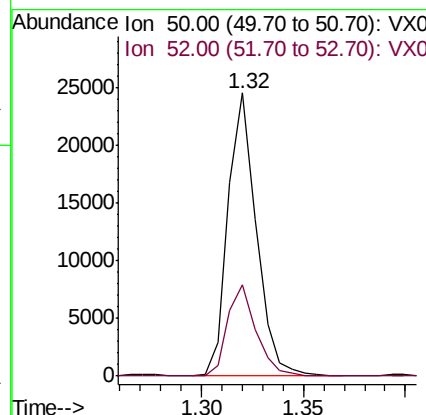
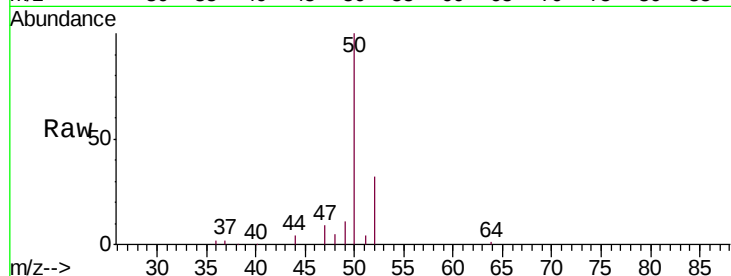




#3
Chloromethane
Concen: 16.279 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

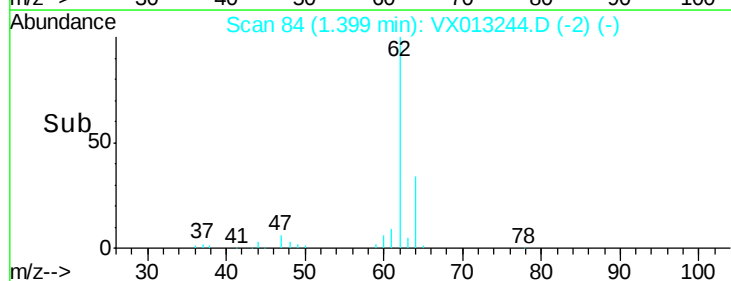
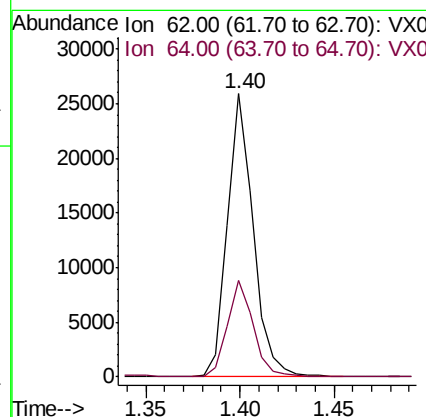
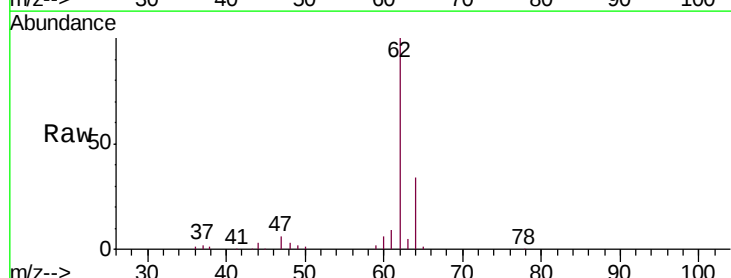
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS02

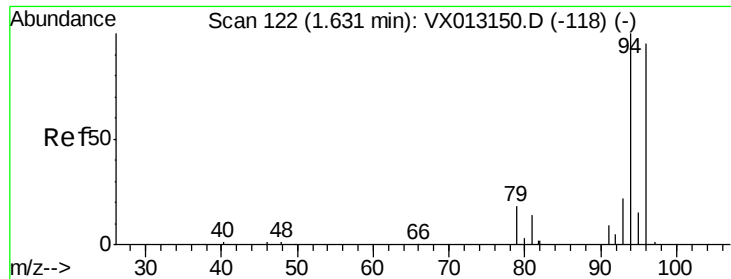
Tgt Ion: 50 Resp: 23578
Ion Ratio Lower Upper
50 100
52 32.3 28.6 42.8



#4
Vinyl Chloride
Concen: 16.531 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 62 Resp: 24755
Ion Ratio Lower Upper
62 100
64 33.9 27.3 40.9

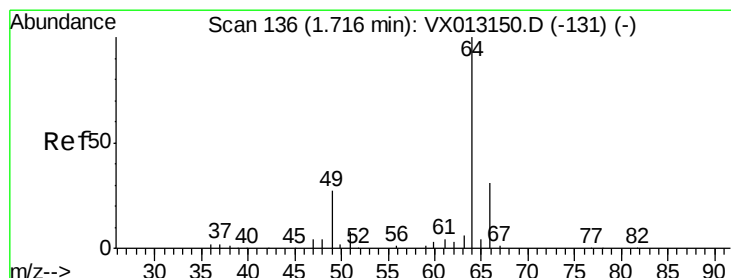
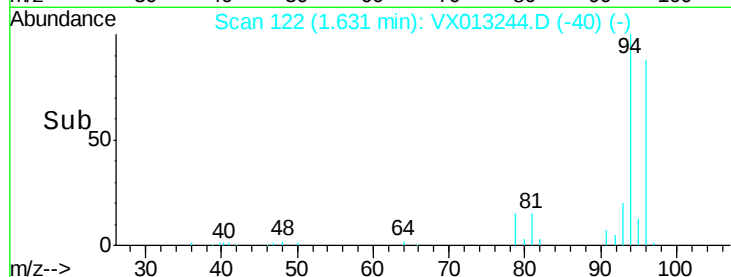
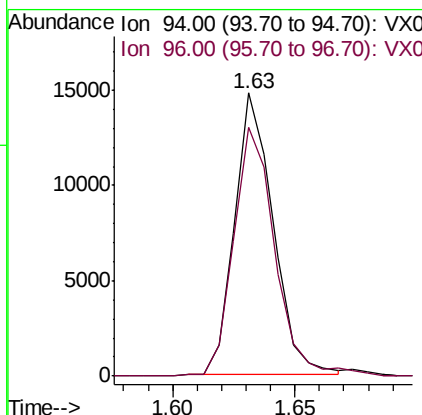
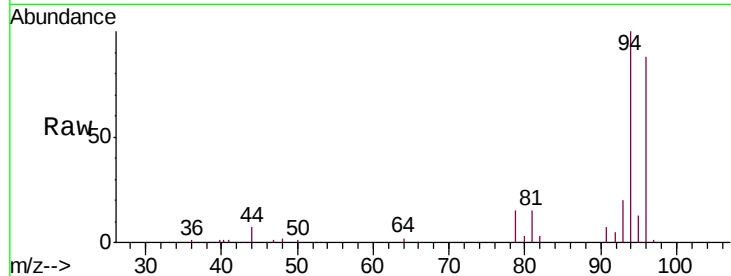




#5
Bromomethane
Concen: 19.876 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

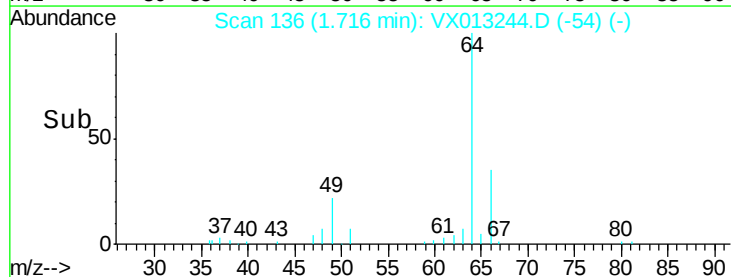
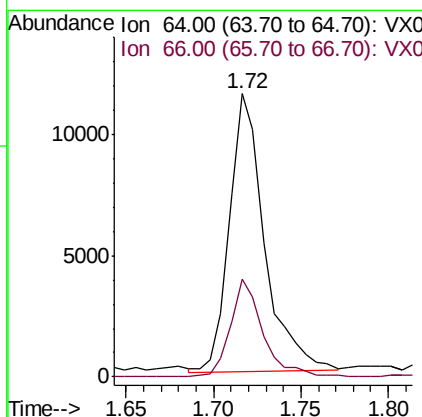
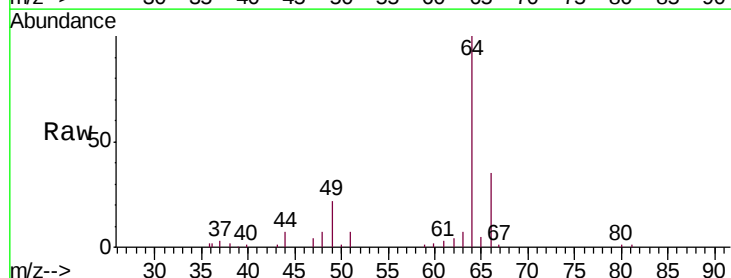
Instrument :
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ClientSampleId :
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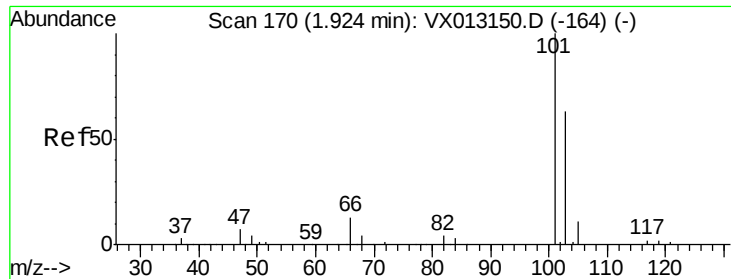
Tgt Ion: 94 Resp: 16061
Ion Ratio Lower Upper
94 100
96 88.0 75.9 113.9



#6
Chloroethane
Concen: 16.750 ug/l
RT: 1.72 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 64 Resp: 16007
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.2



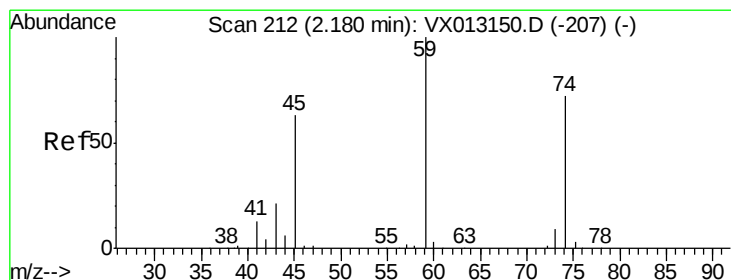
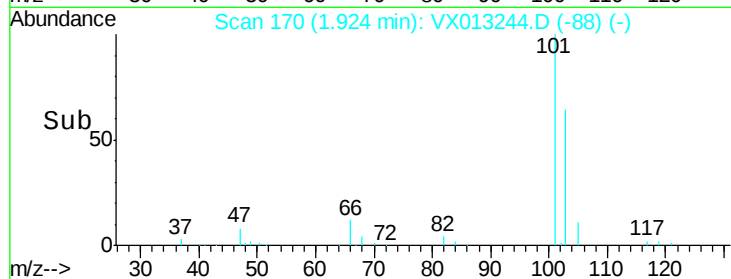
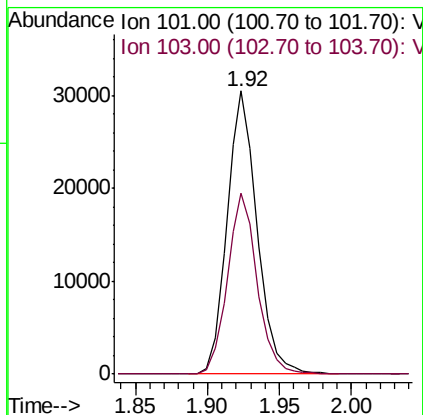
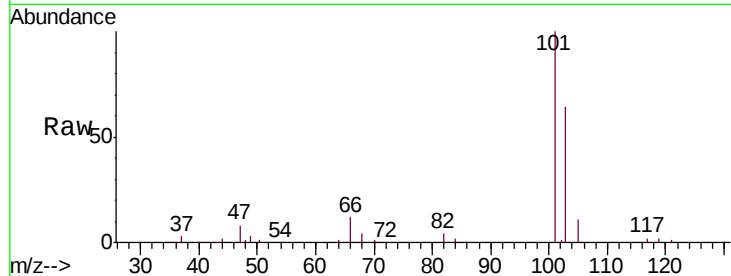


#7

Trichlorofluoromethane
 Concen: 18.511 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

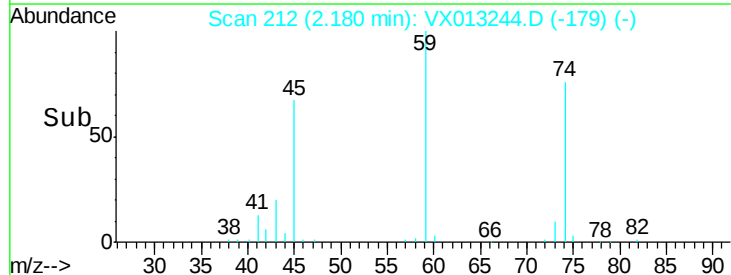
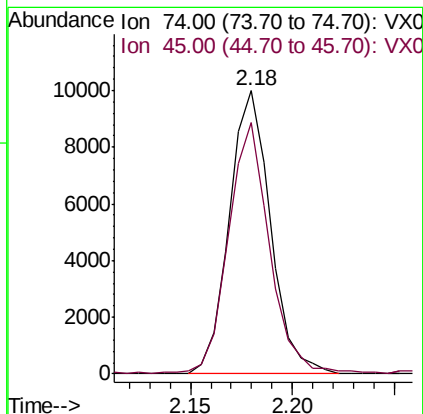
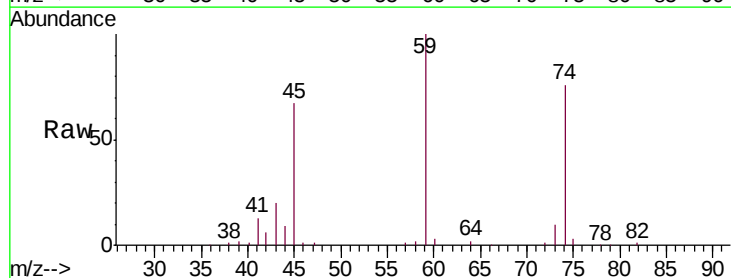
Tgt Ion:101 Resp: 44546
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.4

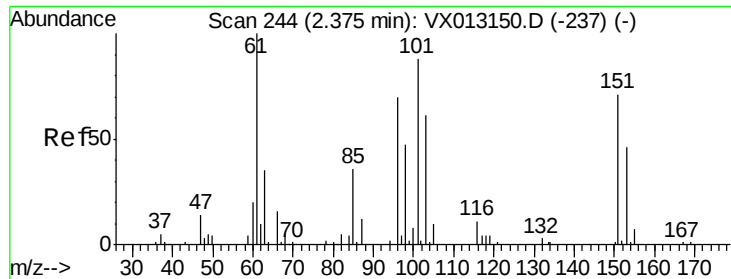


#8

Diethyl Ether
 Concen: 17.009 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 74 Resp: 13971
 Ion Ratio Lower Upper
 74 100
 45 88.4 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.110 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

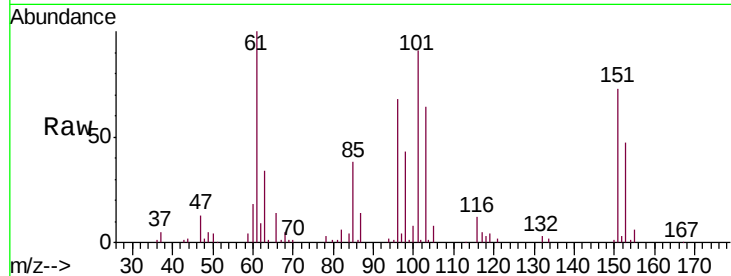
Tgt Ion:101 Resp: 25150

Ion Ratio Lower Upper

101 100

85 43.7 0.0 87.2

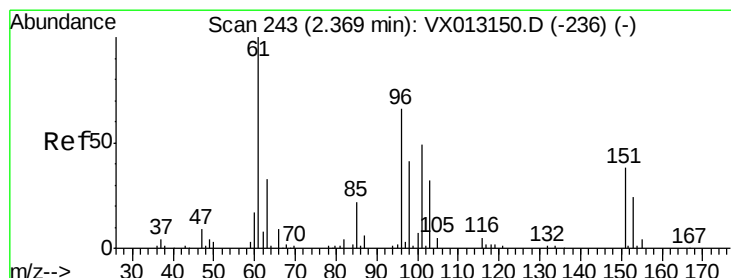
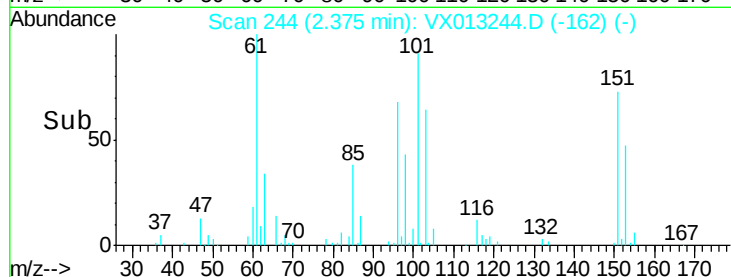
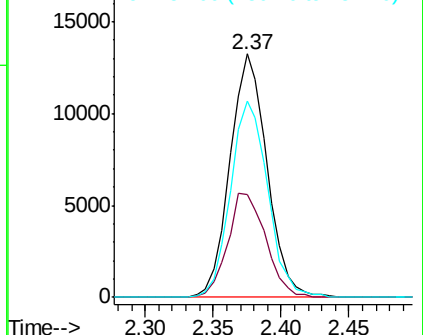
151 80.9 0.0 163.0



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: 17.213 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

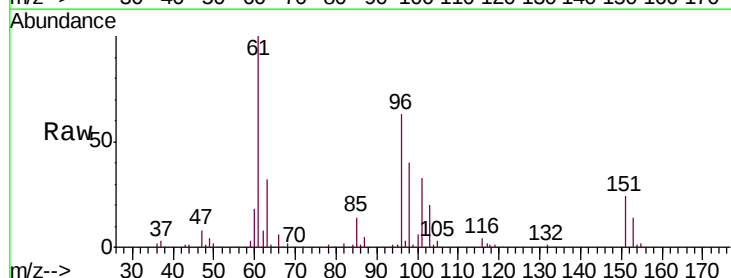
Tgt Ion: 96 Resp: 24435

Ion Ratio Lower Upper

96 100

61 159.2 121.3 181.9

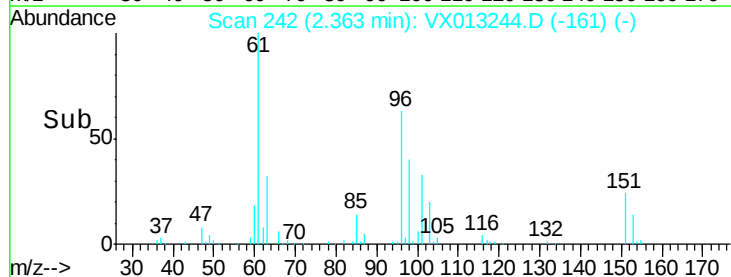
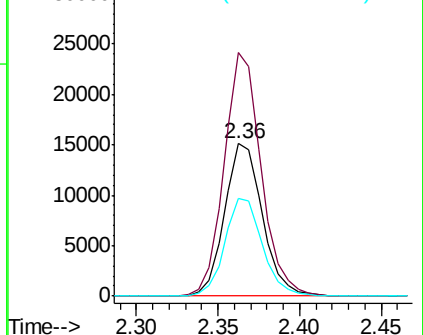
98 63.9 49.5 74.3

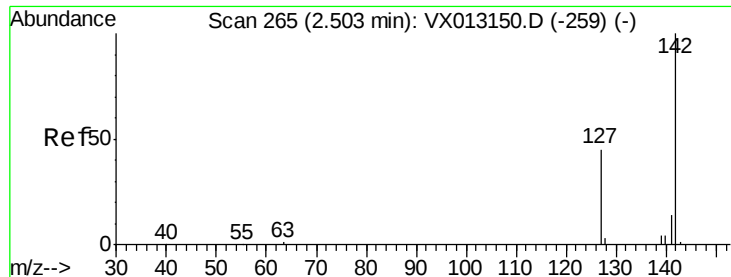


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

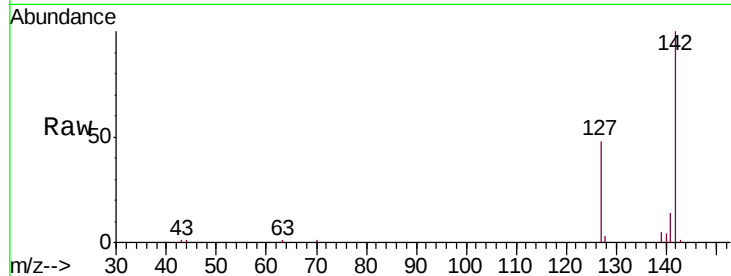




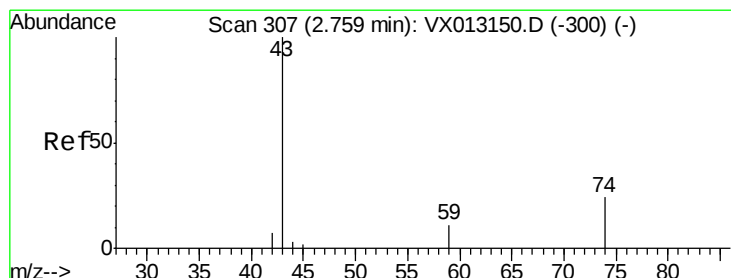
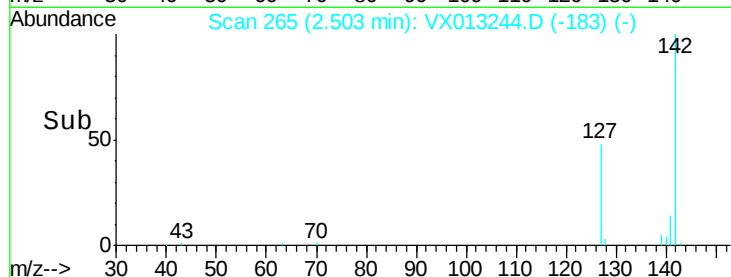
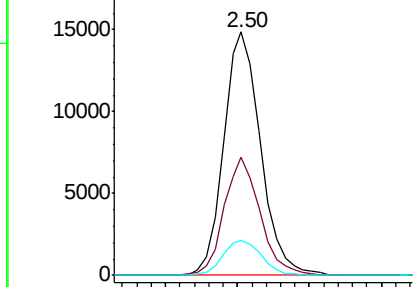
#11
Methyl Iodide
Concen: 14.551 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tgt Ion: 142 Resp: 26603
Ion Ratio Lower Upper
142 100
127 48.2 22.3 66.9
141 14.4 7.1 21.3

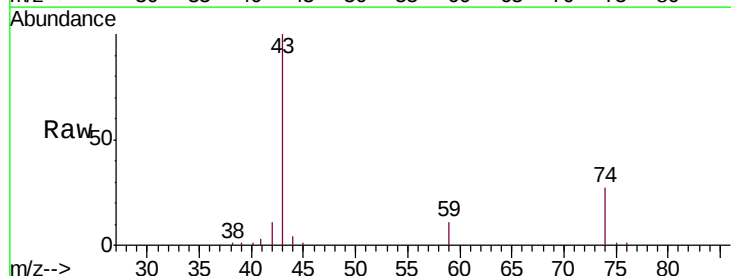


Abundance Ion 142.00 (141.70 to 142.70): V
20000 Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

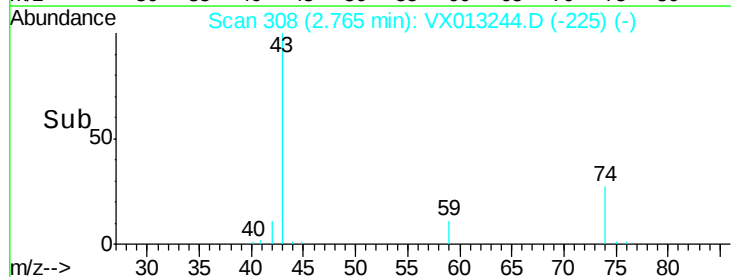
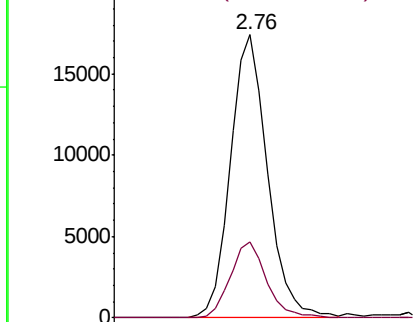


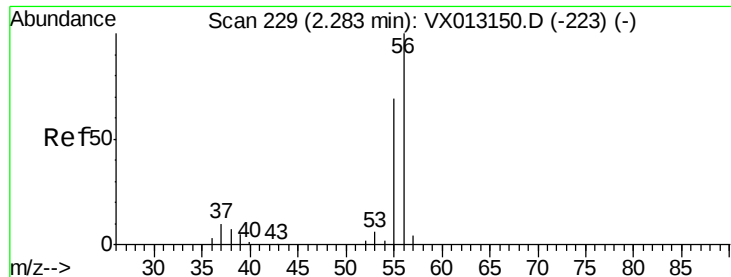
#12
Methyl Acetate
Concen: 17.026 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 31211
Ion Ratio Lower Upper
43 100
74 27.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
20000 Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 97.205 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

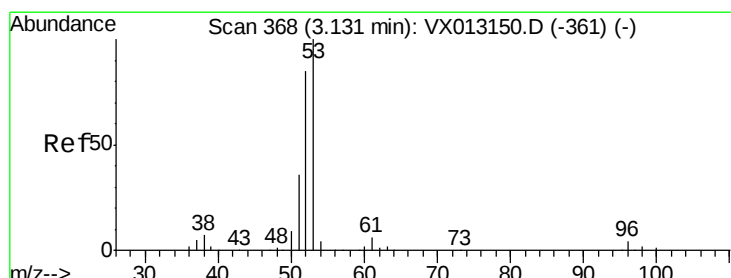
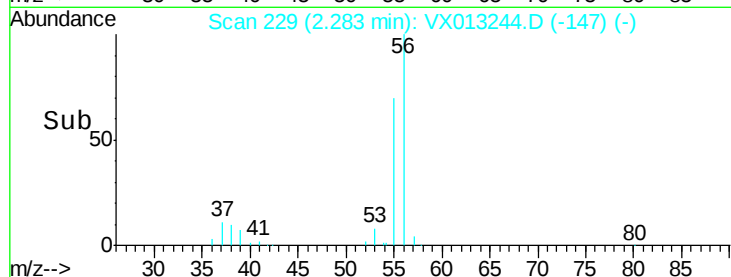
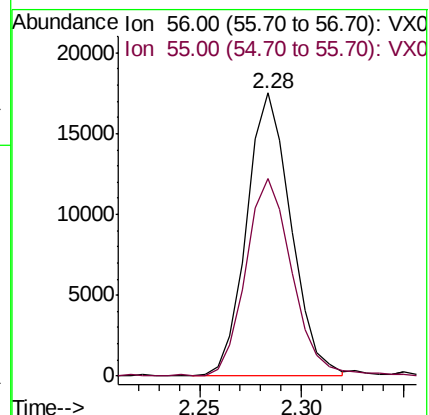
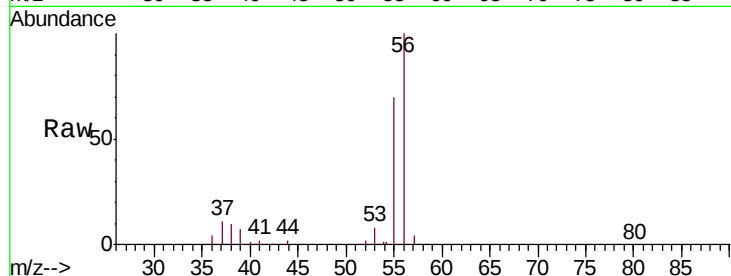
VX1028WBS02

Tgt Ion: 56 Resp: 26525

Ion Ratio Lower Upper

56 100

55 72.8 55.8 83.8



#14

Acrylonitrile

Concen: 84.086 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

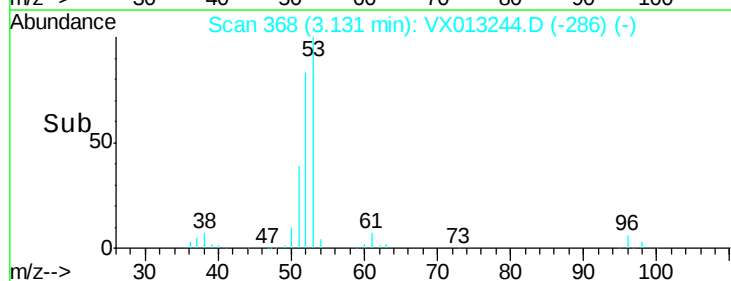
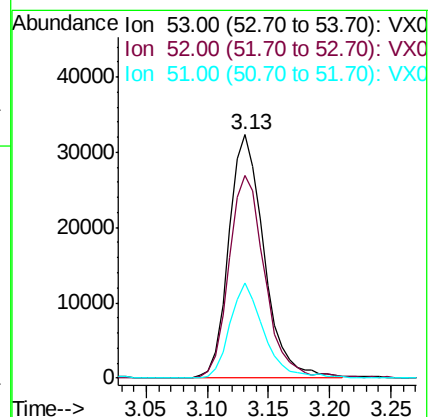
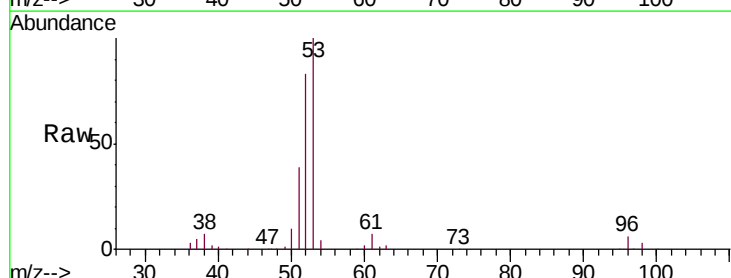
Tgt Ion: 53 Resp: 64462

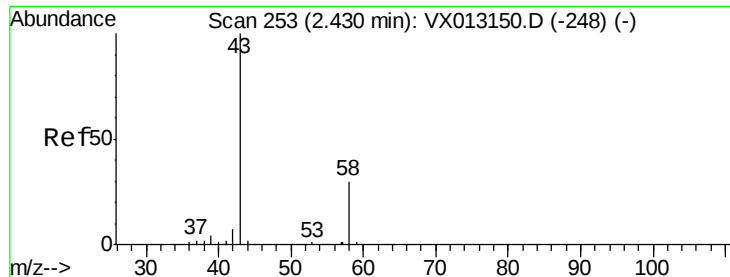
Ion Ratio Lower Upper

53 100

52 83.3 42.0 126.0

51 37.0 18.6 56.0





#15

Acetone

Concen: 84.668 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

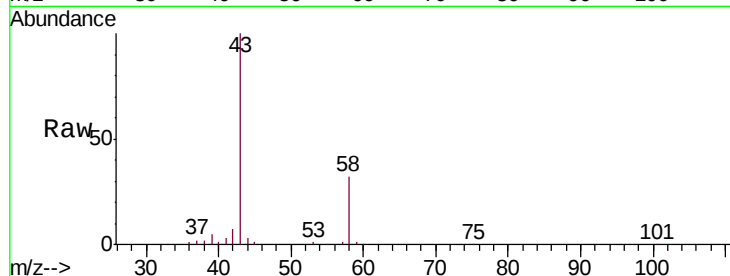
VX1028WBS02

Tgt Ion: 58 Resp: 21385

Ion Ratio Lower Upper

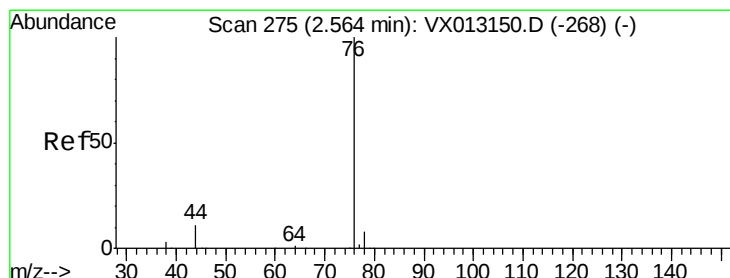
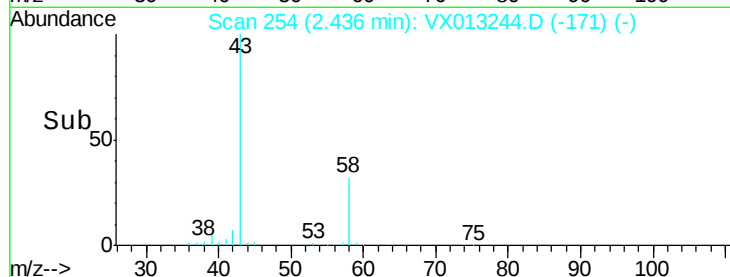
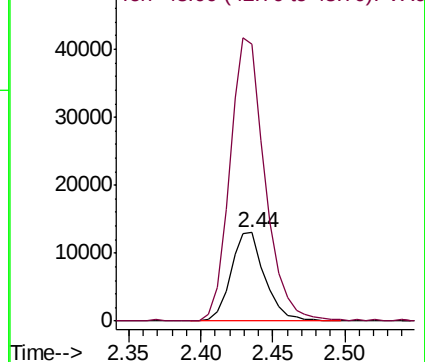
58 100

43 313.2 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 16.194 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013244.D

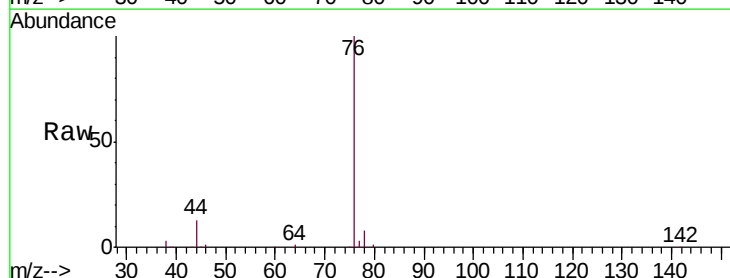
Acq: 28 Oct 2019 13:43

Tgt Ion: 76 Resp: 61390

Ion Ratio Lower Upper

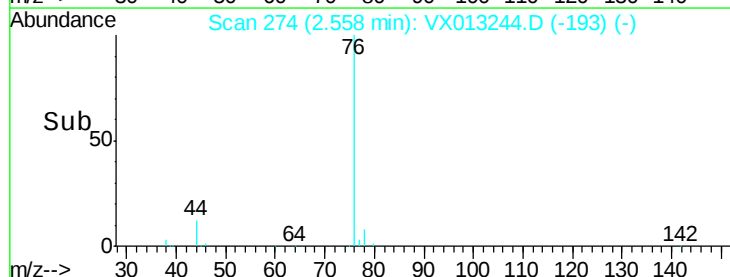
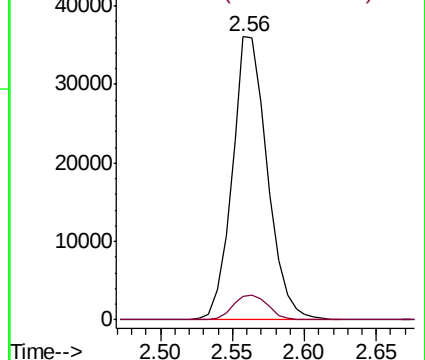
76 100

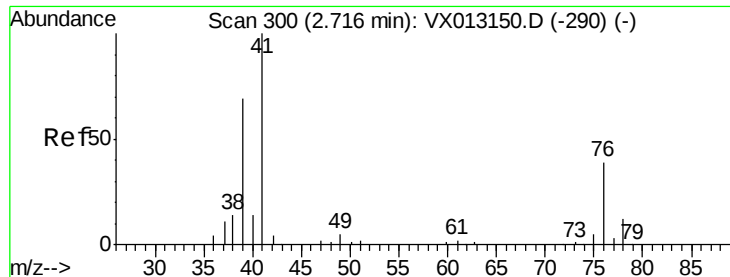
78 8.4 6.6 10.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

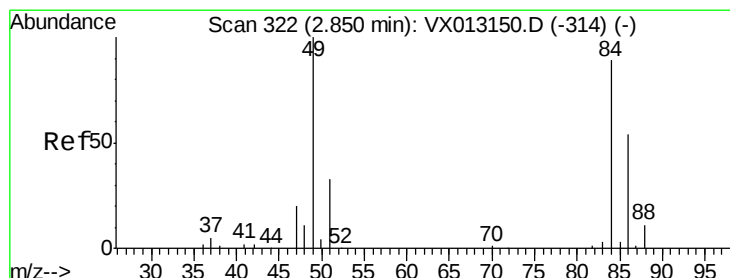
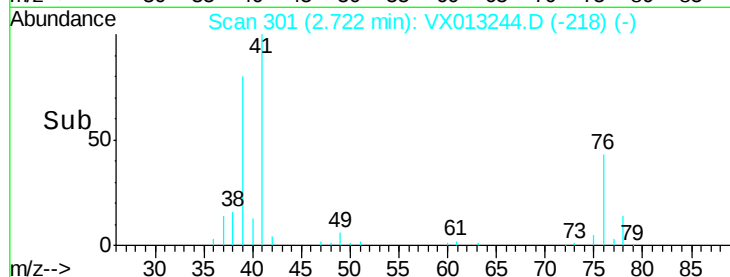
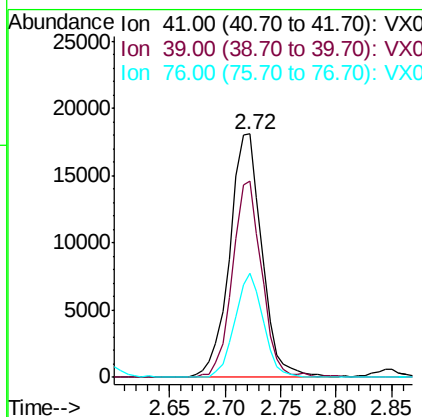
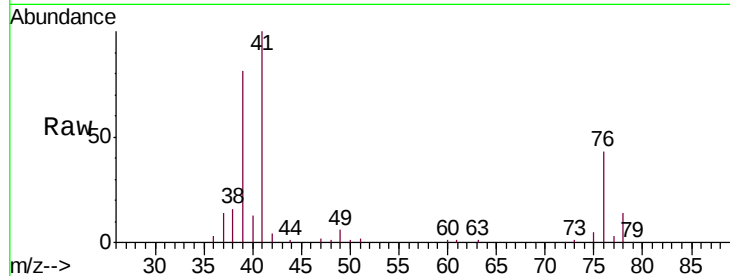




#17
 Allyl chloride
 Concen: 16.108 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

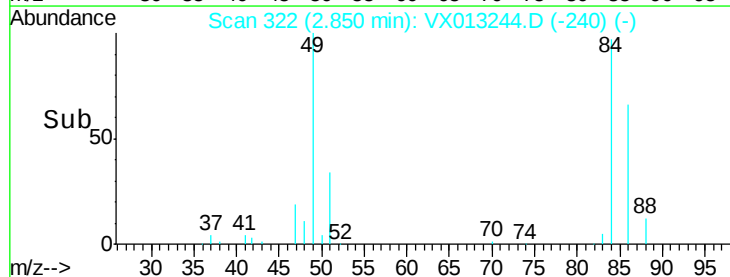
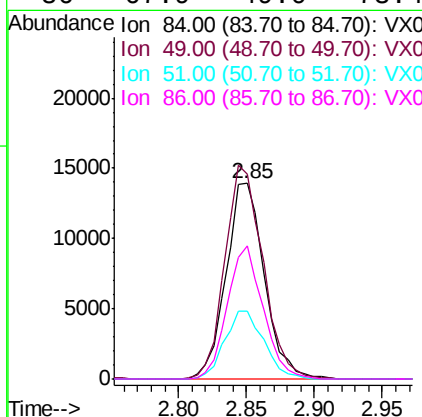
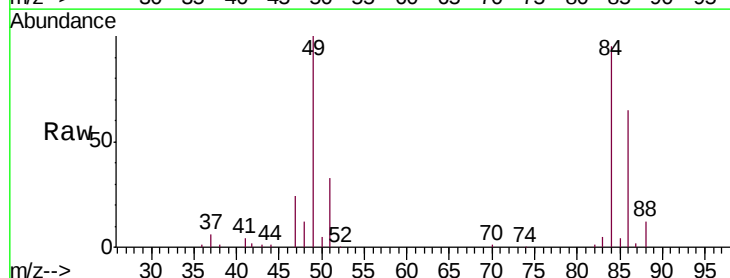
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

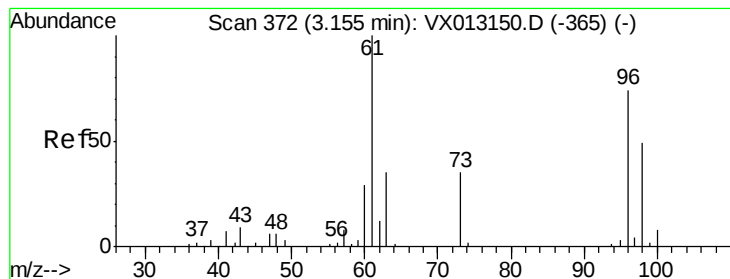
Tgt Ion: 41 Resp: 36373
 Ion Ratio Lower Upper
 41 100
 39 80.6 34.7 104.1
 76 42.7 19.7 59.0



#18
 Methylene Chloride
 Concen: 16.688 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 84 Resp: 27430
 Ion Ratio Lower Upper
 84 100
 49 105.1 90.3 135.5
 51 34.6 29.9 44.9
 86 67.9 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 17.266 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

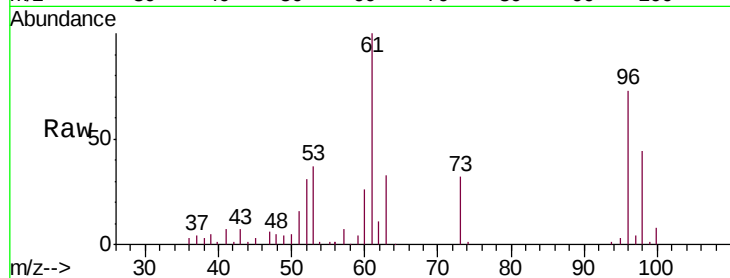
Tgt Ion: 96 Resp: 26009

Ion Ratio Lower Upper

96 100

61 137.0 108.6 162.8

98 60.2 53.4 80.0

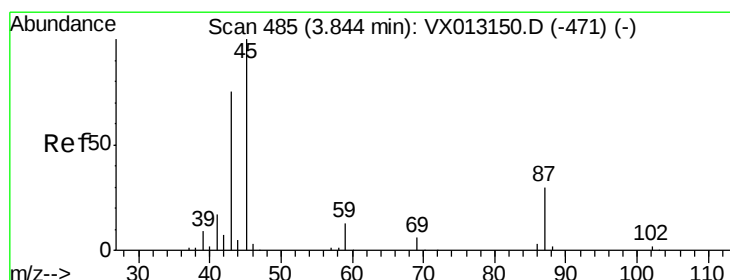
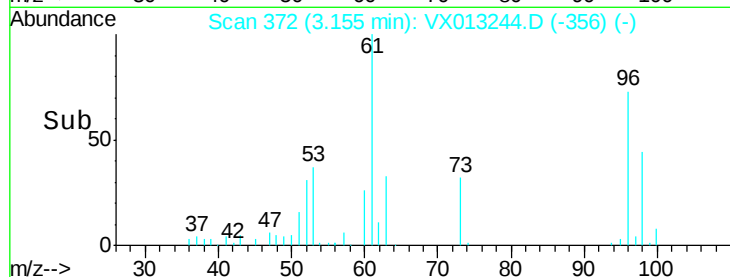
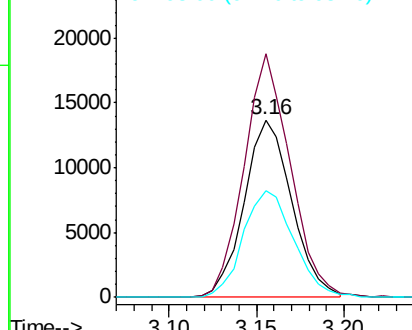


Abundance

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: 16.963 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion: 45 Resp: 74084

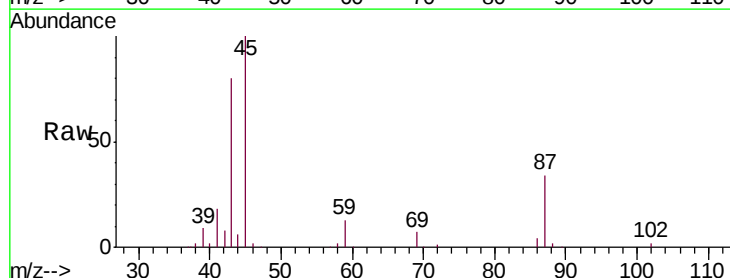
Ion Ratio Lower Upper

45 100

43 79.3 60.6 91.0

87 33.7 24.2 36.2

59 12.6 10.5 15.7



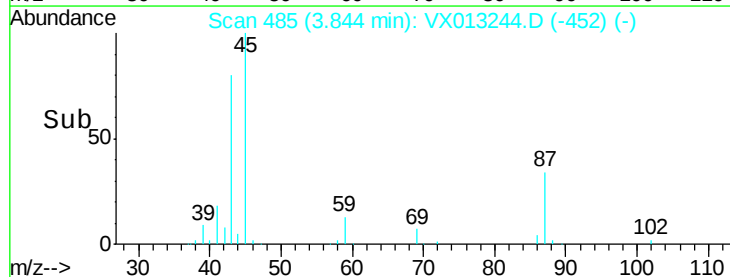
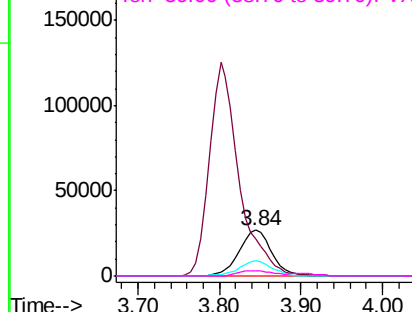
Abundance

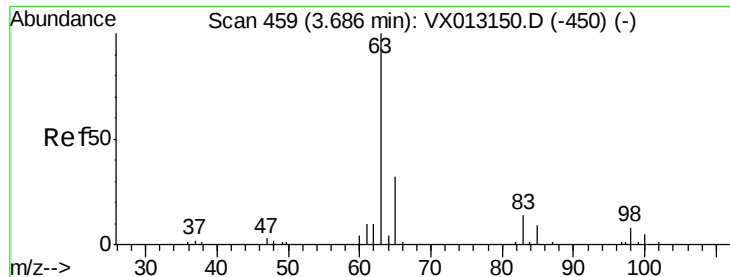
Ion 45.00 (44.70 to 45.70): VX0

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

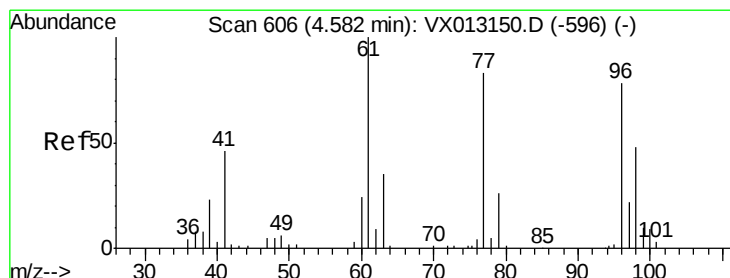
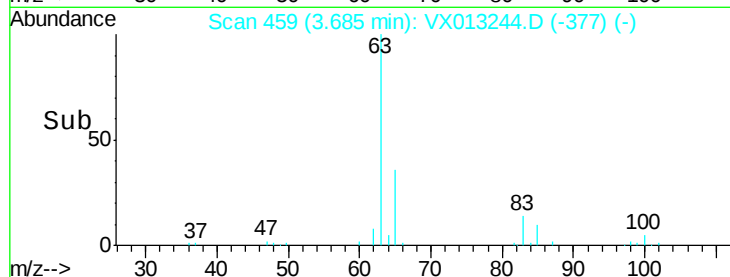
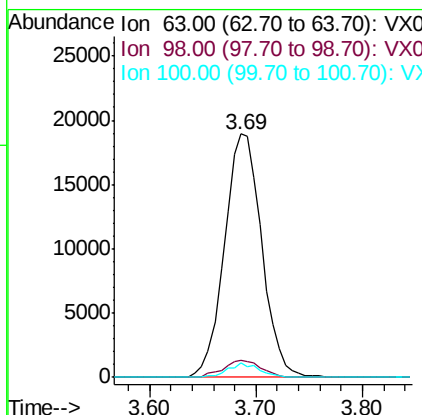
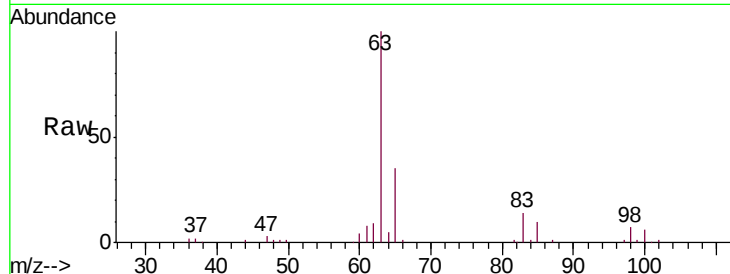




#21
 1,1-Dichloroethane
 Concen: 17.487 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

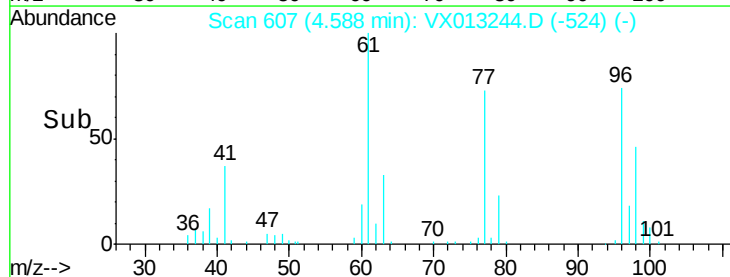
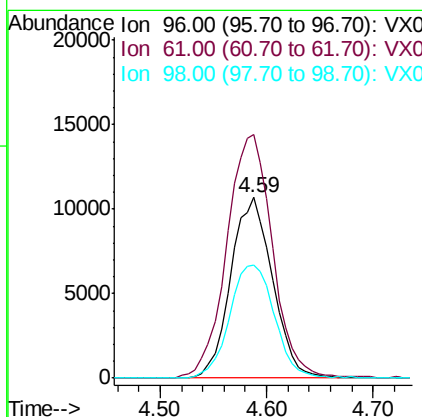
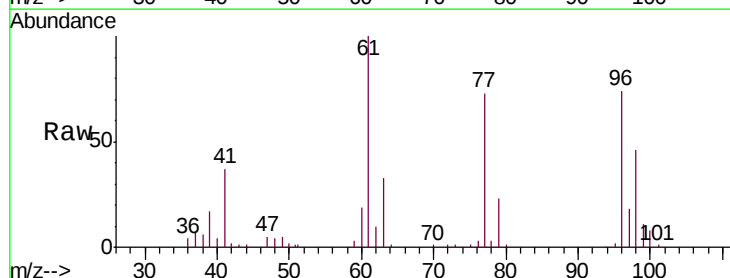
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

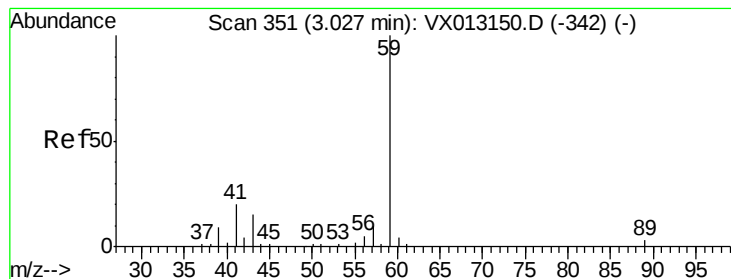
Tgt Ion: 63 Resp: 46369
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.2 12.4
 100 5.9 2.4 7.2



#22
 cis-1,2-Dichloroethene
 Concen: 17.099 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 96 Resp: 29372
 Ion Ratio Lower Upper
 96 100
 61 147.3 112.5 168.7
 98 67.2 51.2 76.8





#23

tert-Butyl Alcohol

Concen: 88.587 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

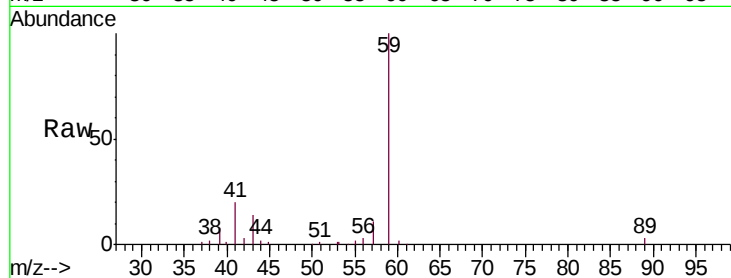
VX1028WBS02

Tgt Ion: 59 Resp: 35780

Ion Ratio Lower Upper

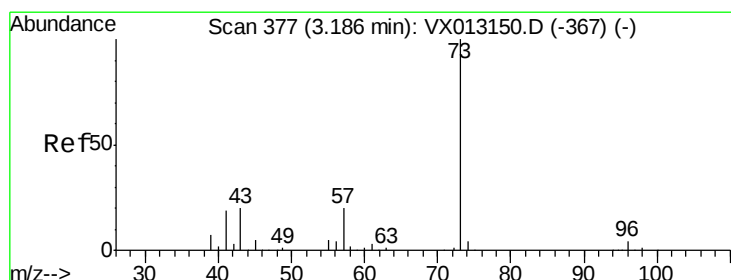
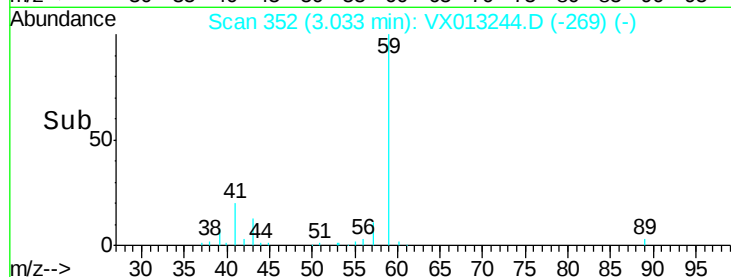
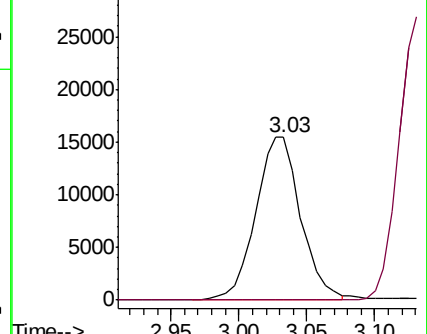
59 100

52 0.2 0.0 0.0#



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: 18.053 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013244.D

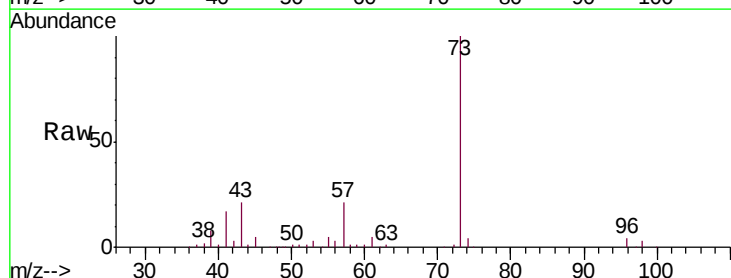
Acq: 28 Oct 2019 13:43

Tgt Ion: 73 Resp: 88384

Ion Ratio Lower Upper

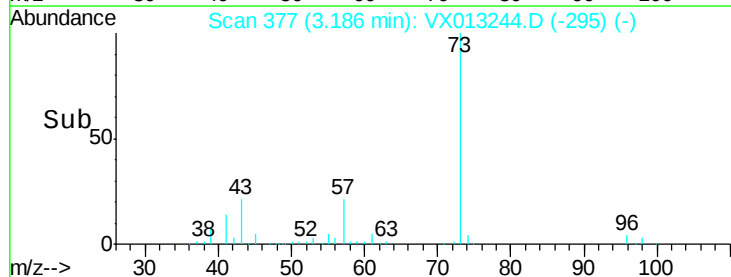
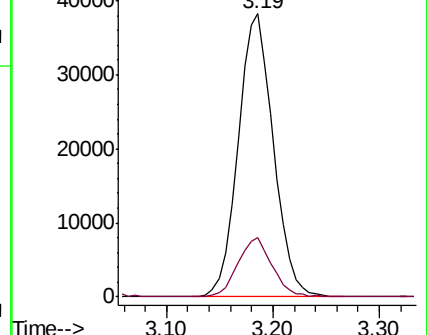
73 100

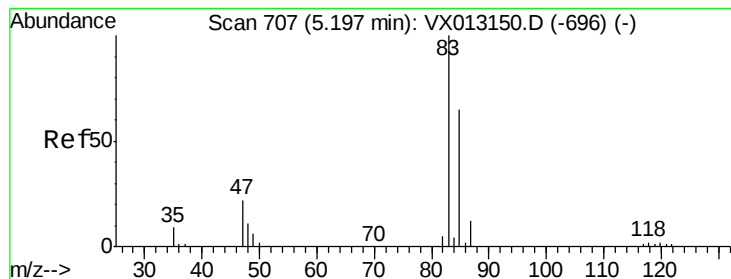
43 20.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.361 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

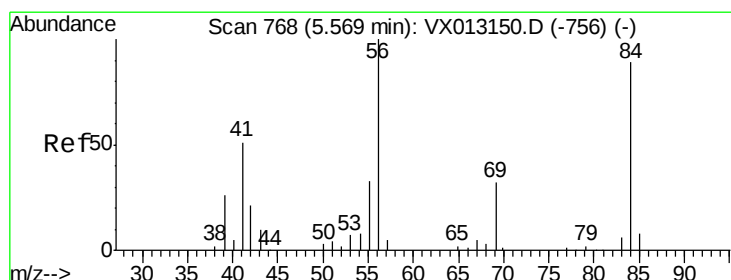
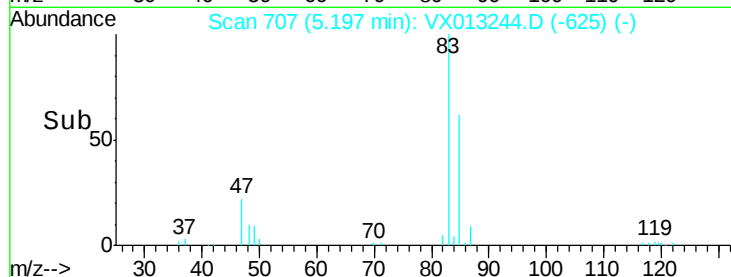
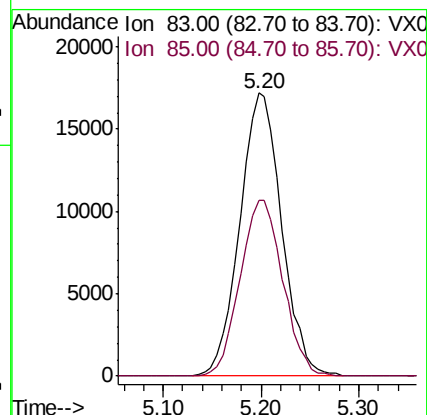
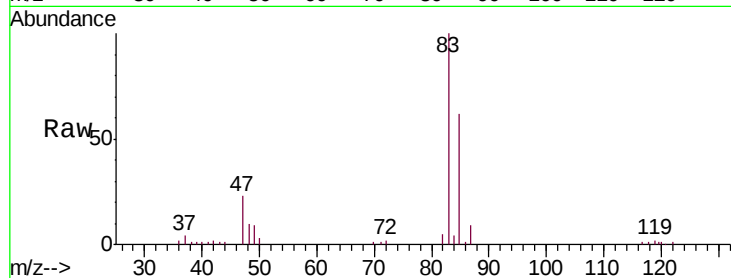
VX1028WBS02

Tgt Ion: 83 Resp: 51162

Ion Ratio Lower Upper

83 100

85 62.1 52.0 78.0



#26

Cyclohexane

Concen: 16.323 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

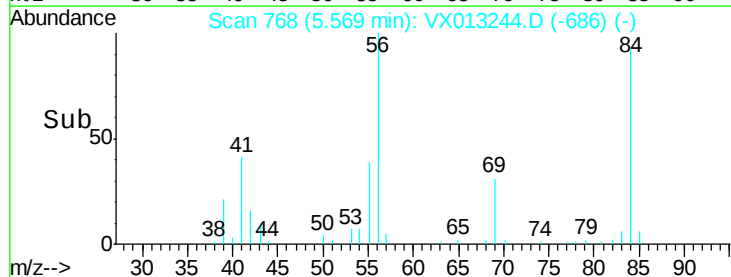
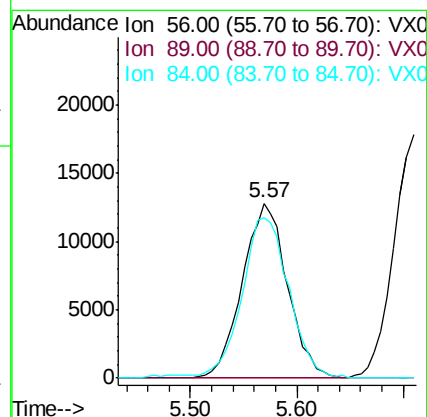
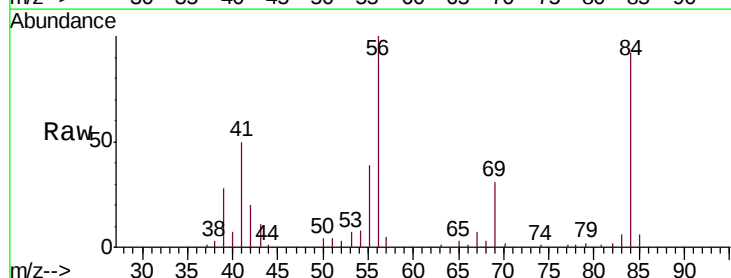
Tgt Ion: 56 Resp: 37979

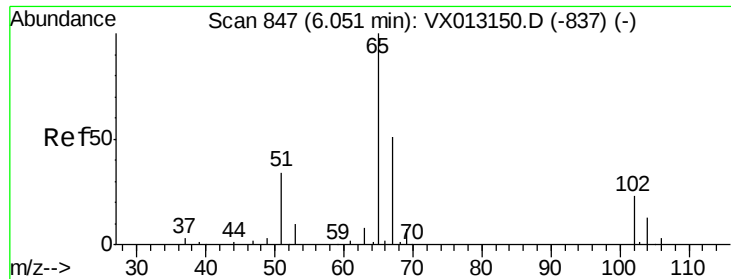
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 95.3 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 29.927 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

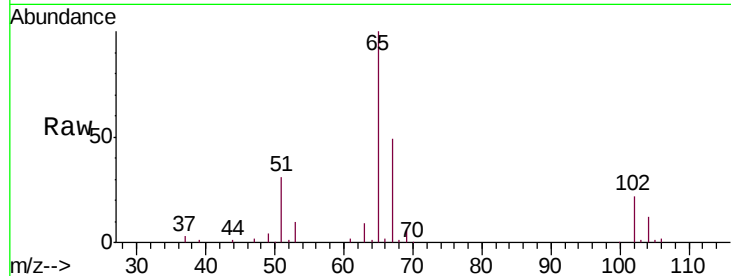
VX1028WBS02

Tgt Ion: 65 Resp: 54515

Ion Ratio Lower Upper

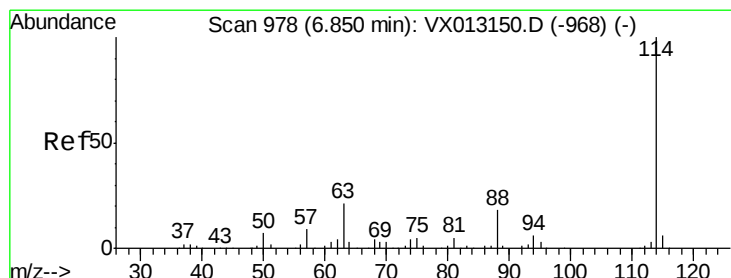
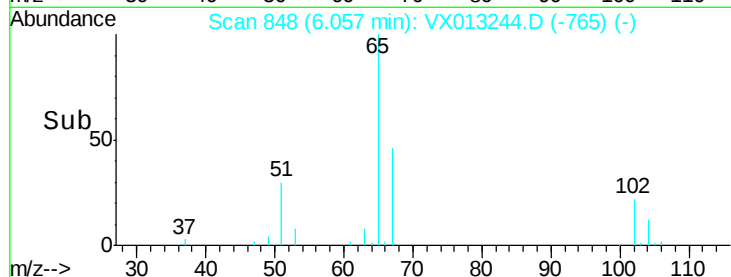
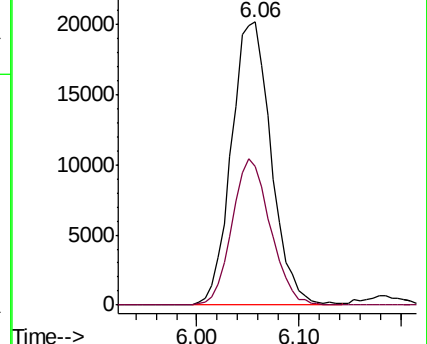
65 100

67 49.9 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

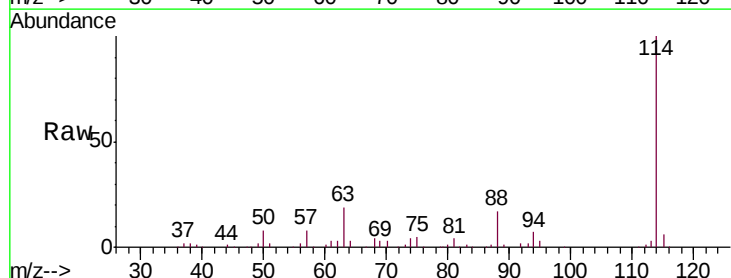
Tgt Ion: 114 Resp: 127347

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

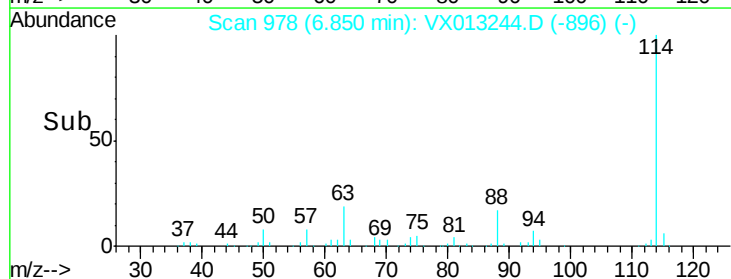
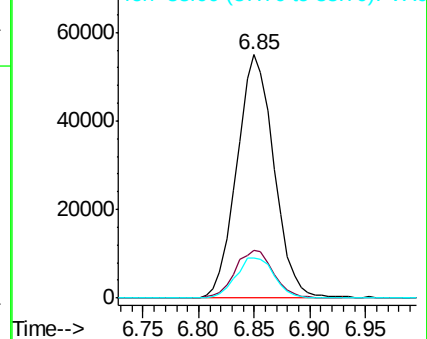
88 17.4 13.7 20.5

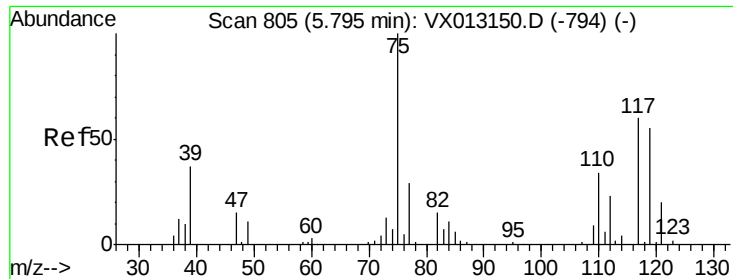


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

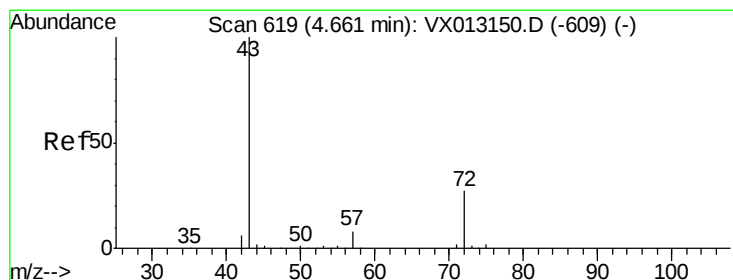
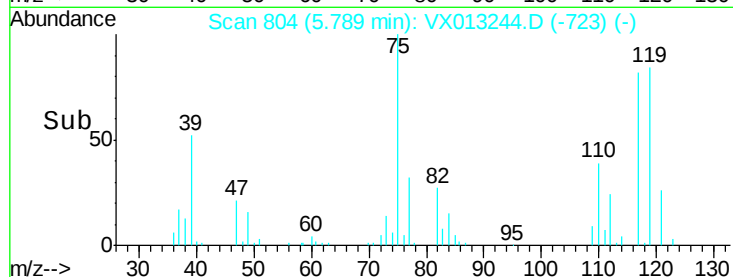
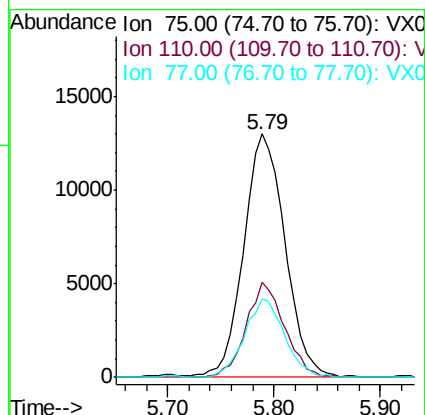
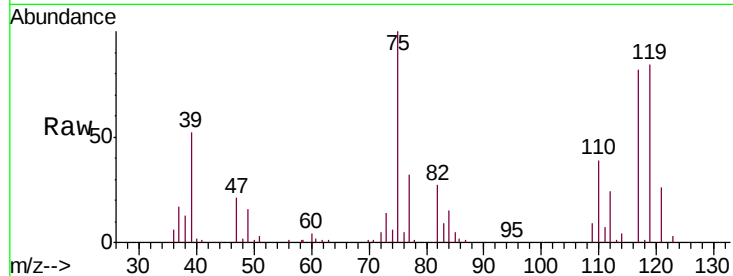




#29
 1,1-Dichloropropene
 Concen: 17.901 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

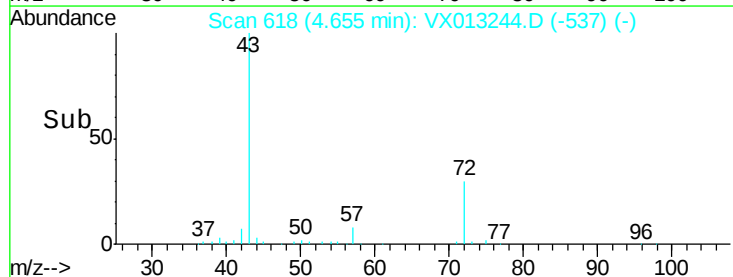
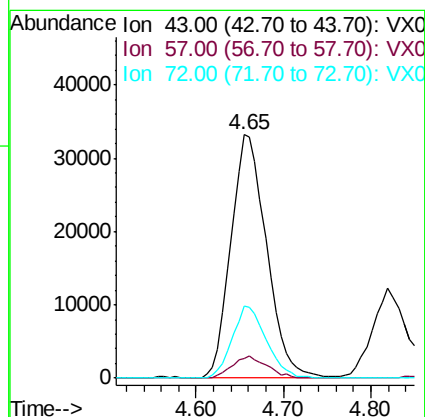
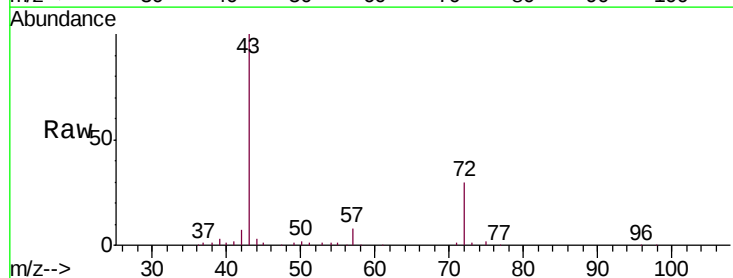
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

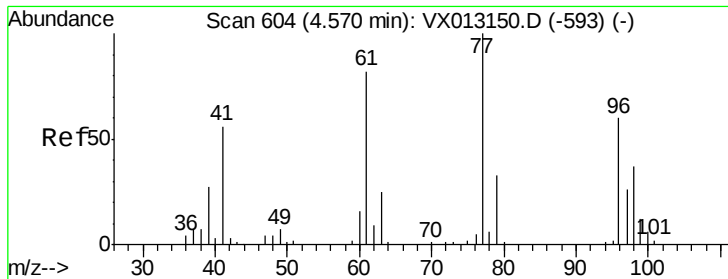
Tgt Ion: 75 Resp: 35414
 Ion Ratio Lower Upper
 75 100
 110 36.1 0.0 68.4
 77 31.1 0.0 30.8#



#30
 2-Butanone
 Concen: 90.845 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 94273
 Ion Ratio Lower Upper
 43 100
 57 8.8 7.0 10.6
 72 28.1 23.4 35.2





#31

2,2-Dichloropropane

Concen: 19.537 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

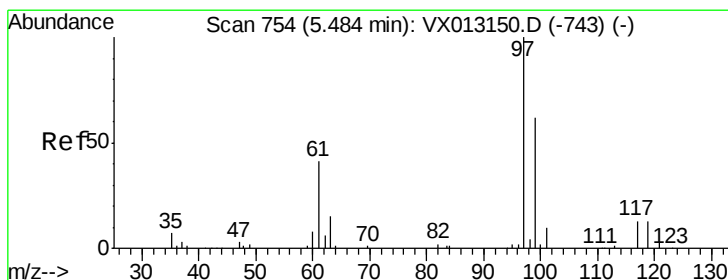
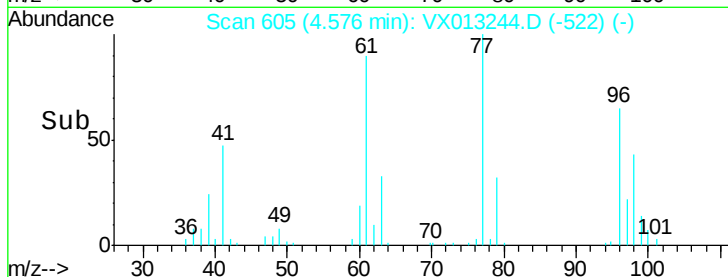
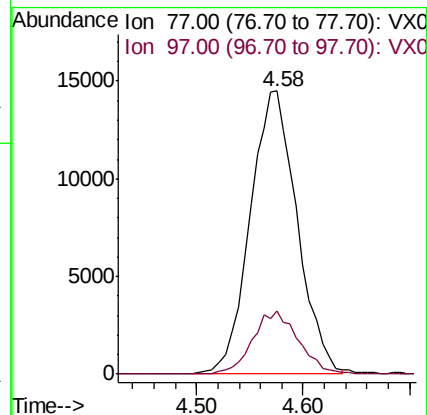
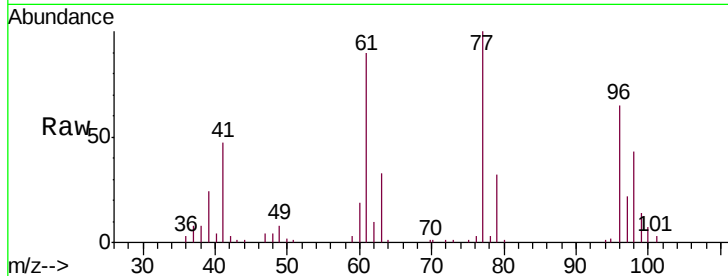
VX1028WBS02

Tgt Ion: 77 Resp: 44686

Ion Ratio Lower Upper

77 100

97 21.6 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 19.650 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

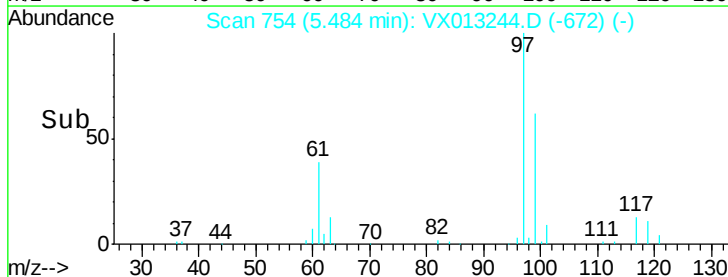
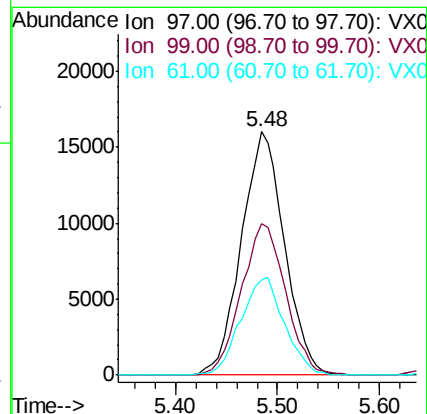
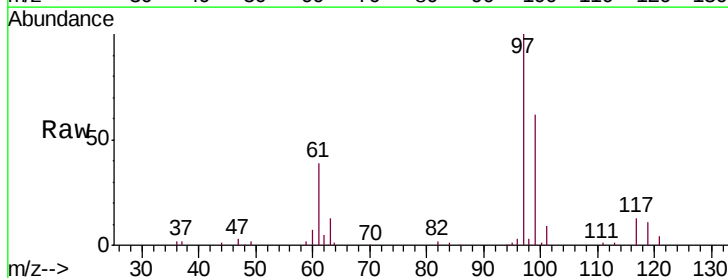
Tgt Ion: 97 Resp: 47040

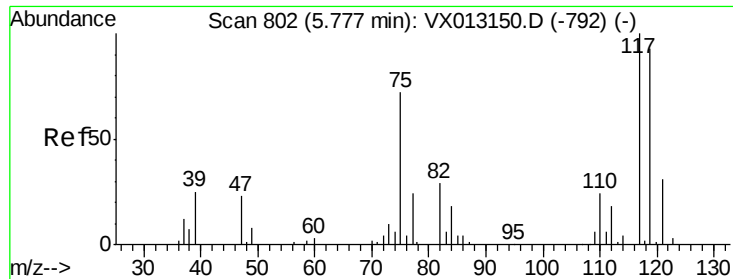
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 40.7 33.5 50.3





#33

Carbon Tetrachloride

Concen: 19.478 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

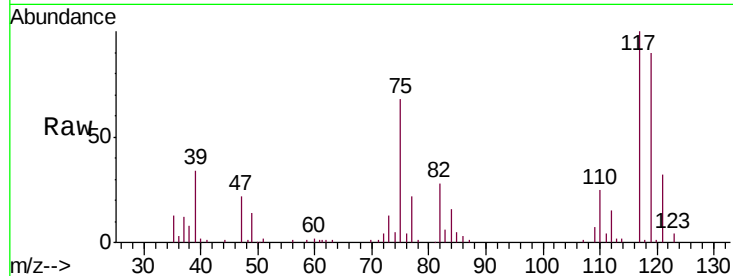
Tgt Ion:117 Resp: 40076

Ion Ratio Lower Upper

117 100

119 90.0 74.9 112.3

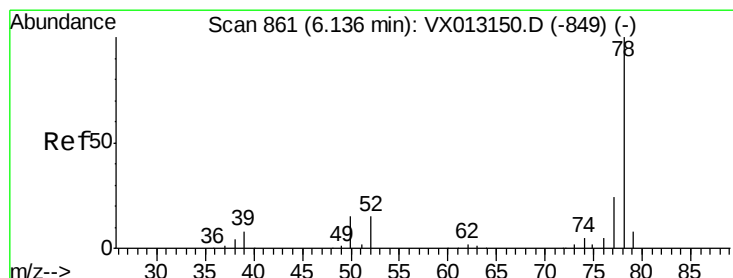
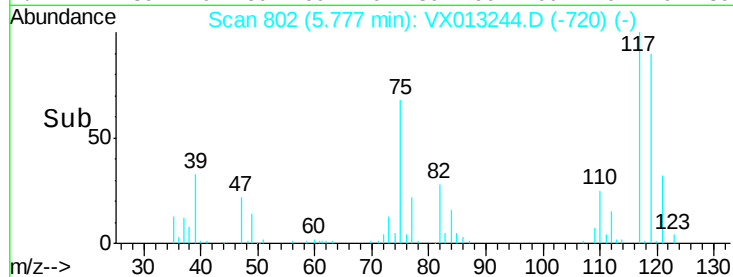
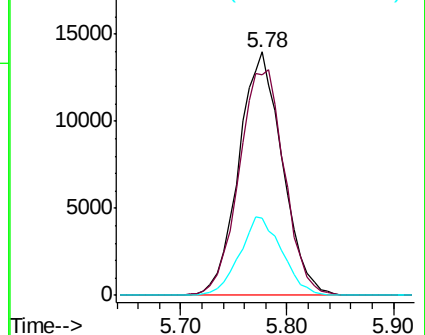
121 31.5 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.210 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

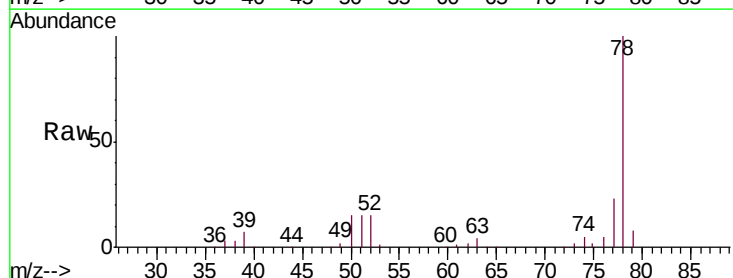
Tgt Ion: 78 Resp: 103716

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

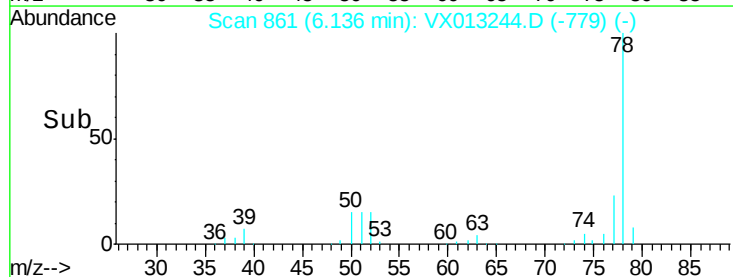
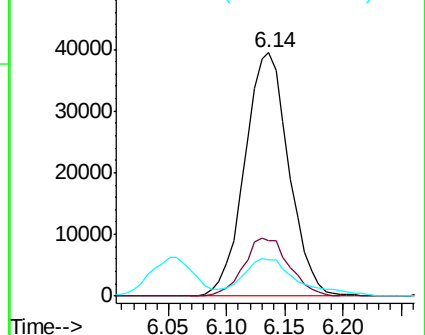
51 12.7 11.4 17.2

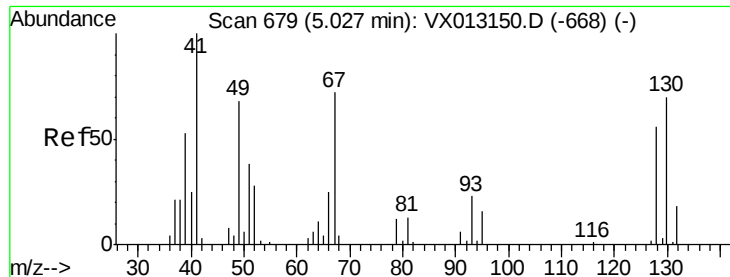


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

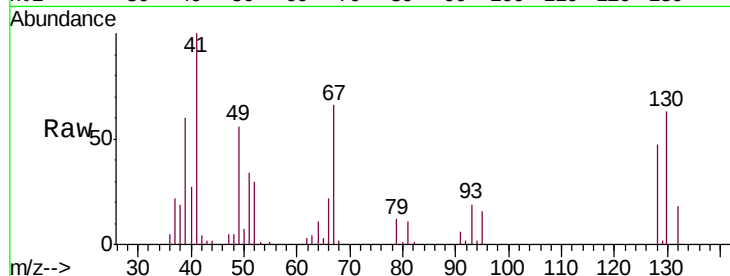




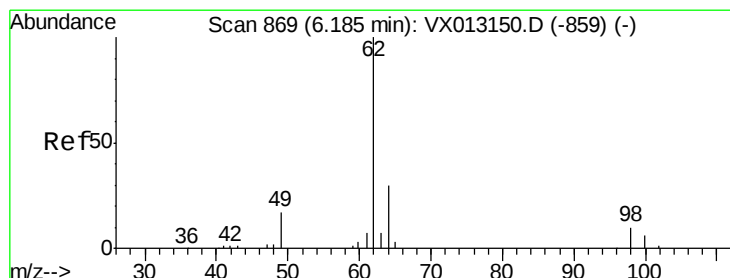
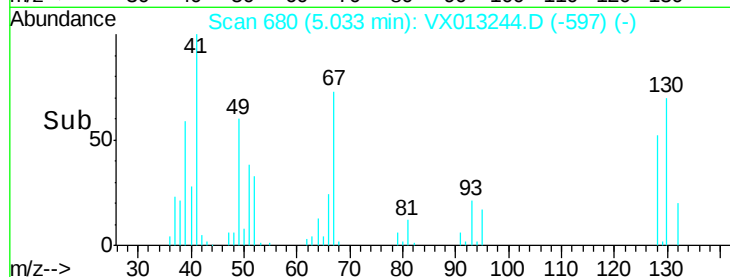
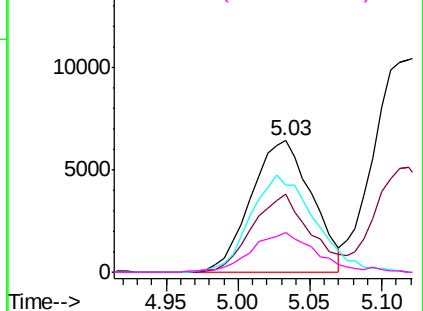
#35
Methacrylonitrile
Concen: 17.757 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tgt Ion:	41	Resp:	18897
Ion	Ratio	Lower	Upper
41	100		
39	59.9	26.3	78.9
67	66.2	35.8	107.4
52	29.0	14.1	42.3

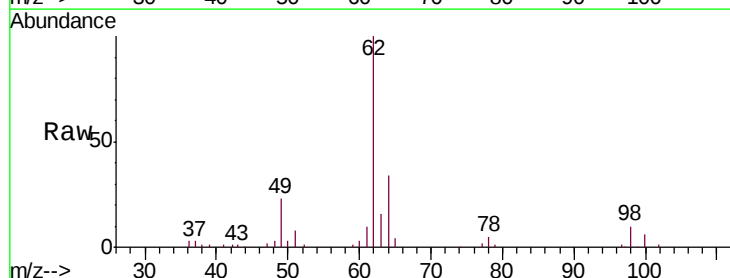


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

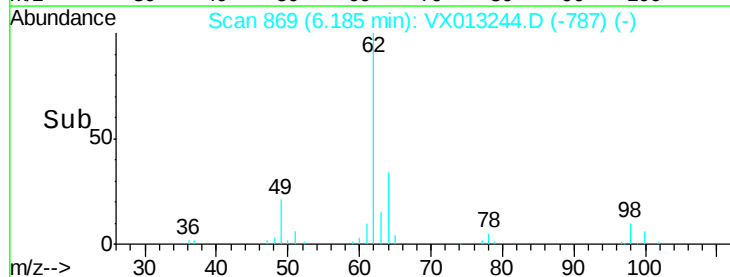
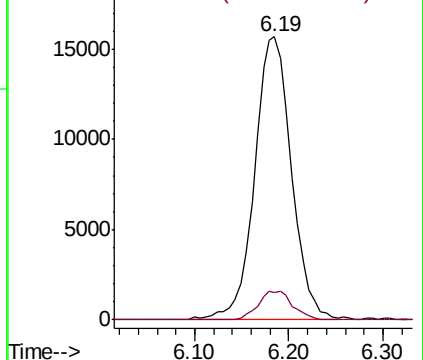


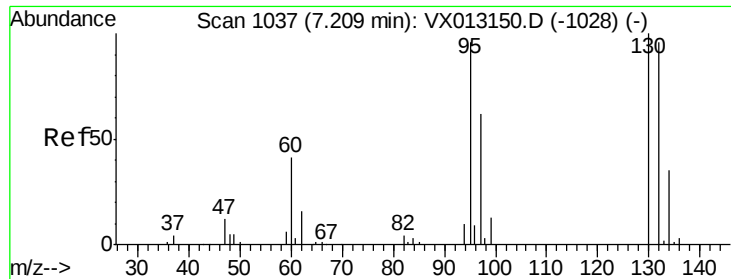
#36
1,2-Dichloroethane
Concen: 19.940 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:	62	Resp:	42929
Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.0	12.0



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

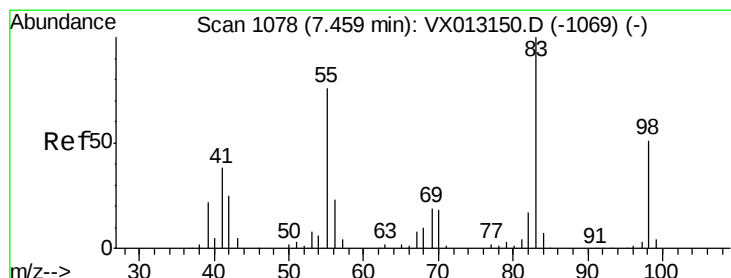
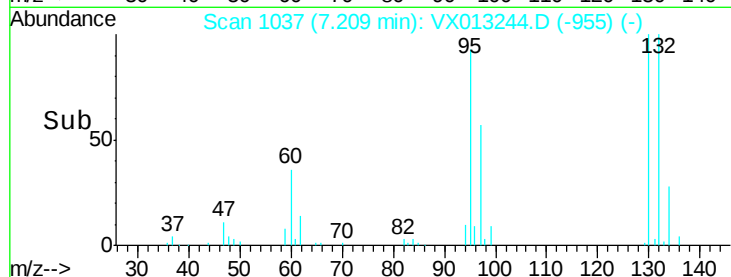
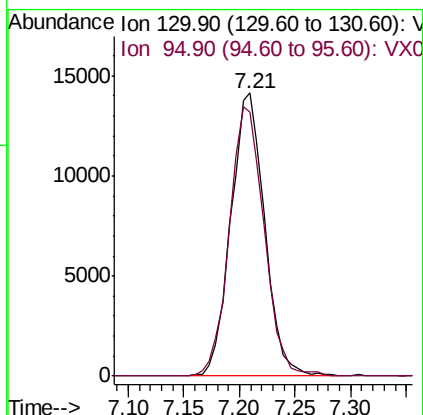
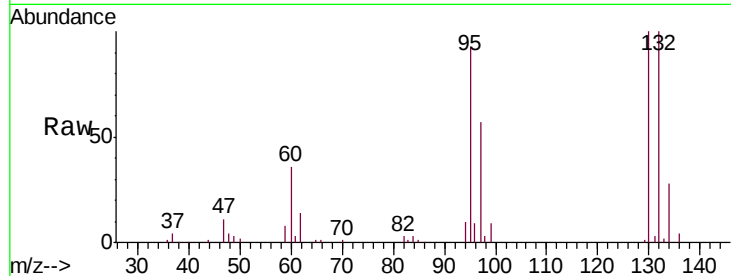




#37
 Trichloroethene
 Concen: 18.849 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

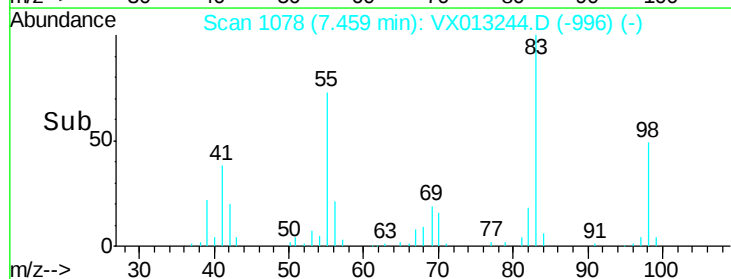
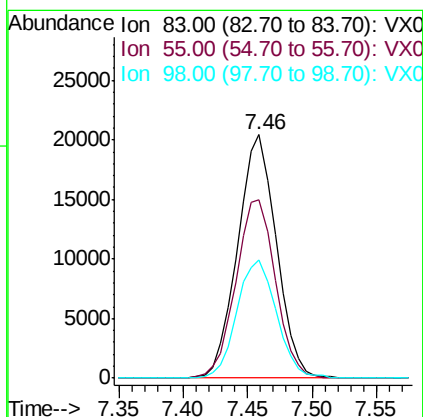
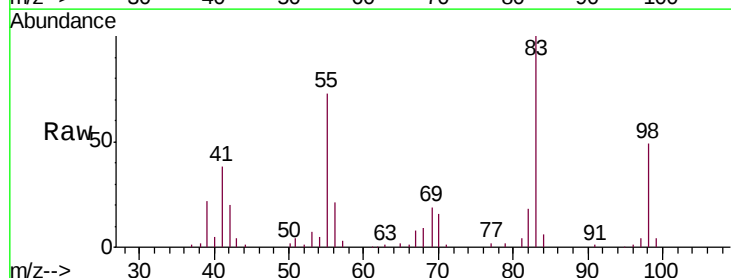
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

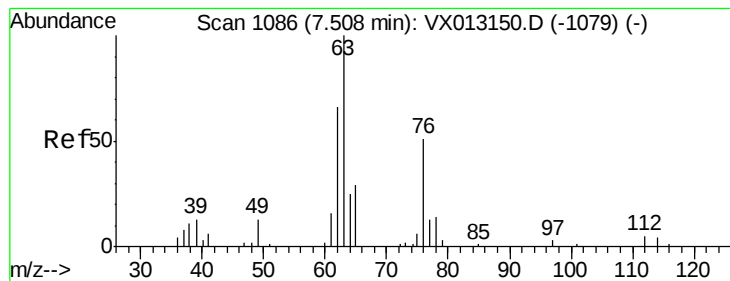
Tgt Ion:130 Resp: 29776
 Ion Ratio Lower Upper
 130 100
 95 93.6 77.0 115.6



#38
 Methylcyclohexane
 Concen: 17.697 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 83 Resp: 42698
 Ion Ratio Lower Upper
 83 100
 55 74.6 37.5 112.5
 98 49.4 25.4 76.0





#39

1,2-Dichloropropane

Concen: 17.701 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

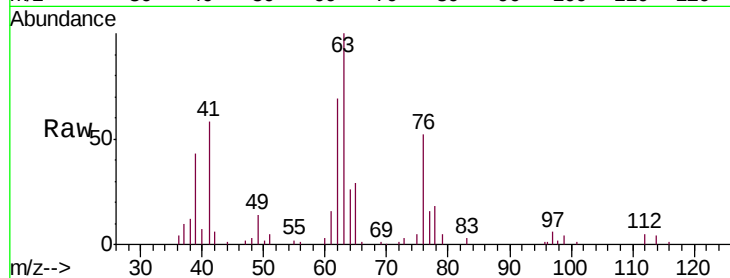
VX1028WBS02

Tgt Ion: 63 Resp: 24744

Ion Ratio Lower Upper

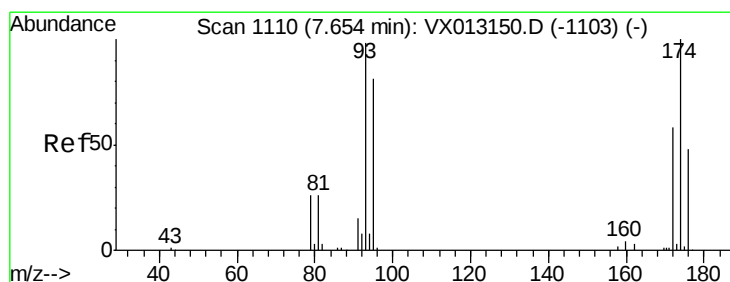
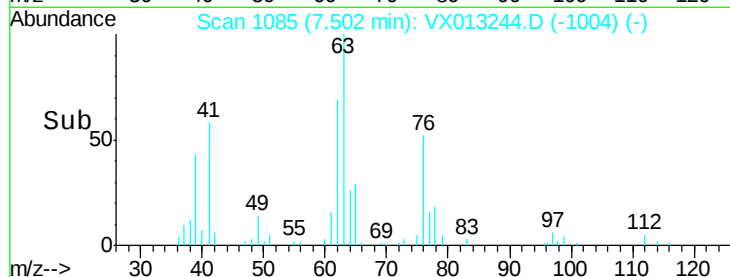
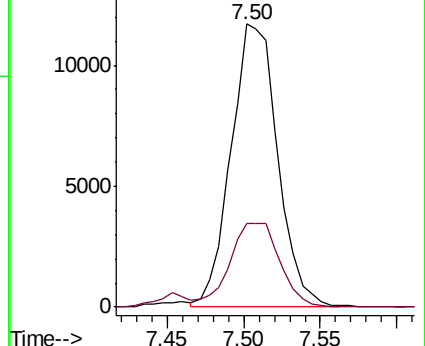
63 100

65 29.6 24.8 37.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.623 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

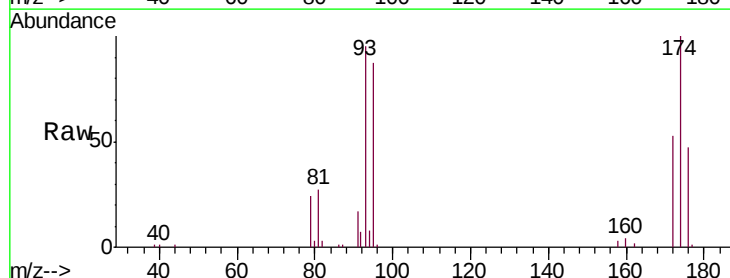
Tgt Ion: 93 Resp: 18595

Ion Ratio Lower Upper

93 100

95 85.1 0.0 166.0

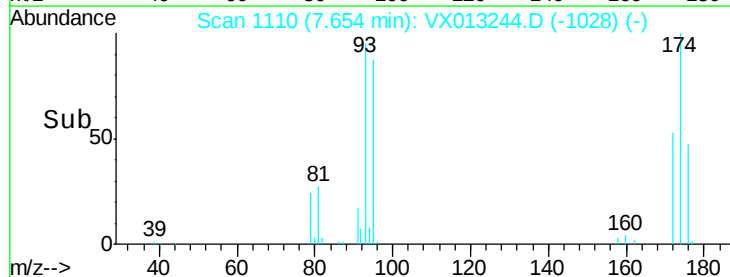
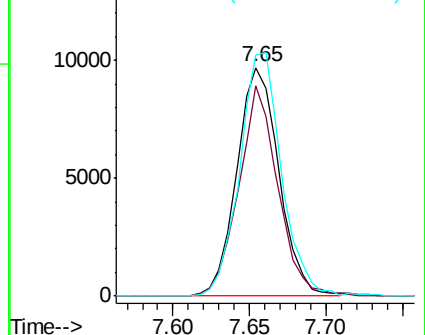
174 105.5 0.0 208.8

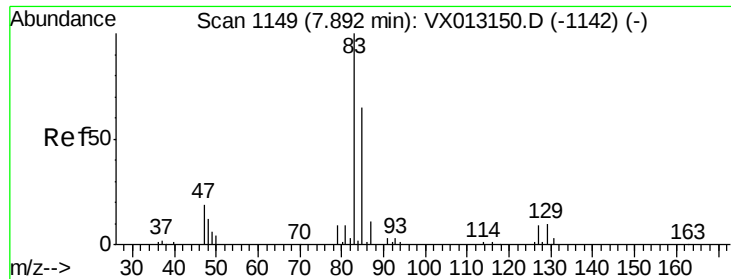


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.727 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

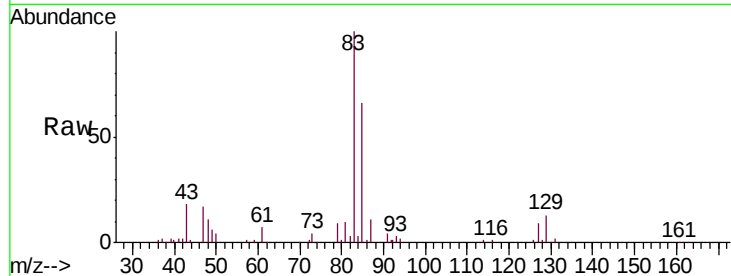
Tgt Ion: 83 Resp: 37705

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

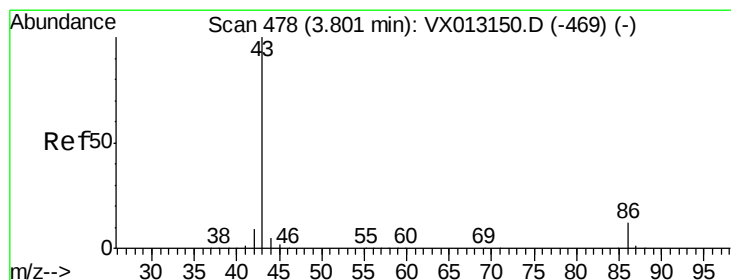
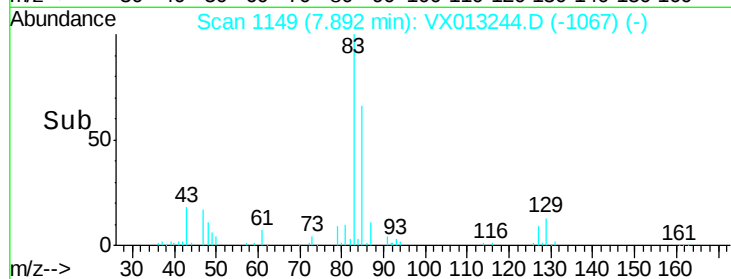
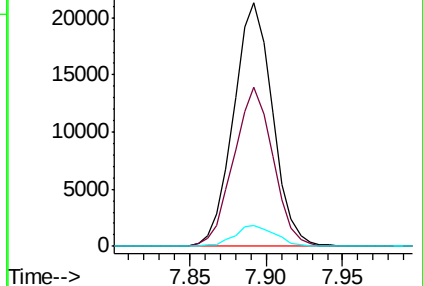
127 8.7 7.5 11.3



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: 88.888 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013244.D

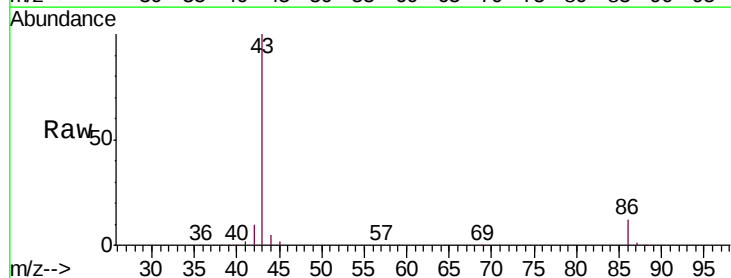
Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 319871

Ion Ratio Lower Upper

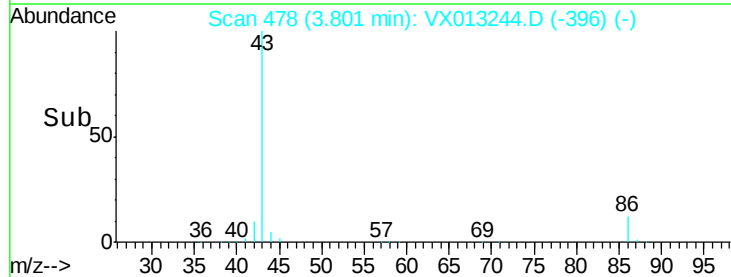
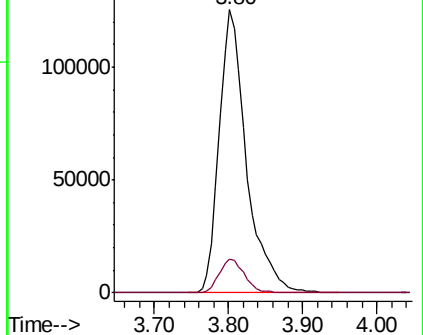
43 100

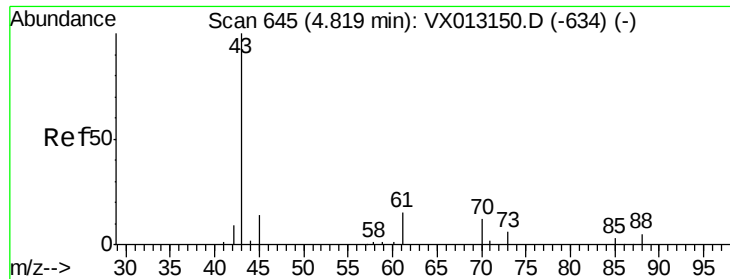
86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 17.190 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

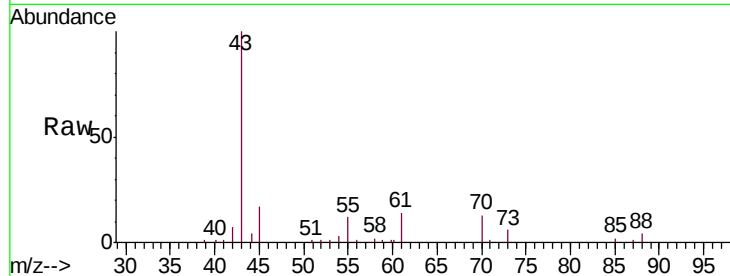
VX1028WBS02

Tgt Ion: 43 Resp: 32536

Ion Ratio Lower Upper

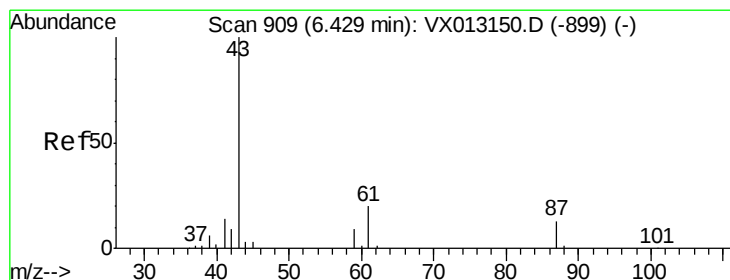
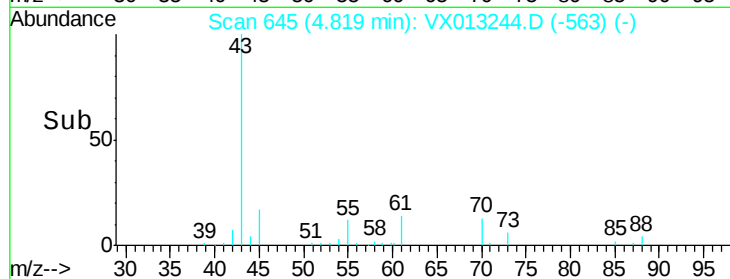
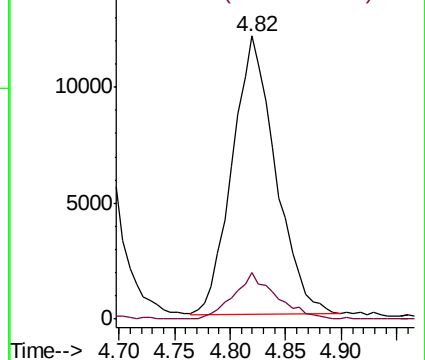
43 100

45 16.3 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.118 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013244.D

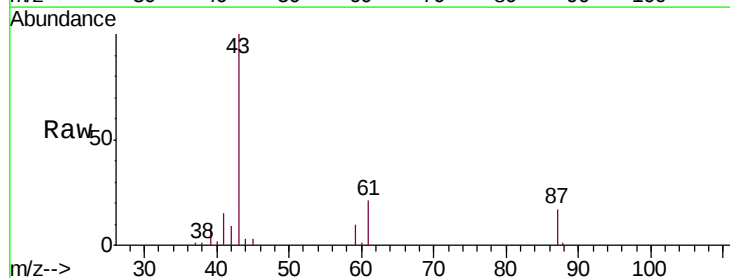
Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 57633

Ion Ratio Lower Upper

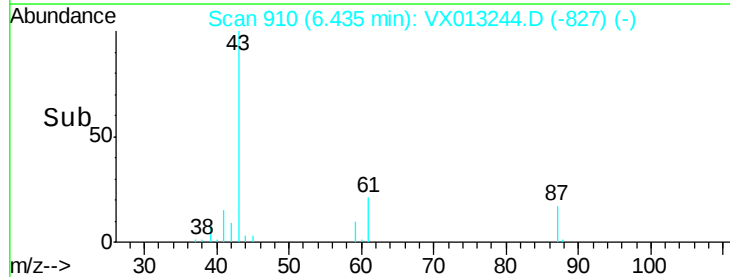
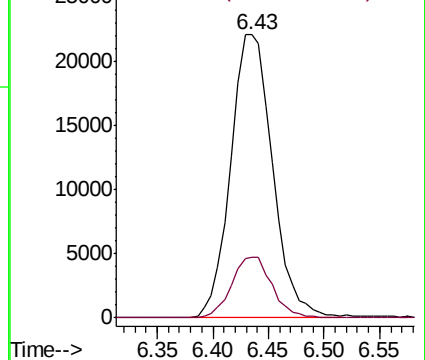
43 100

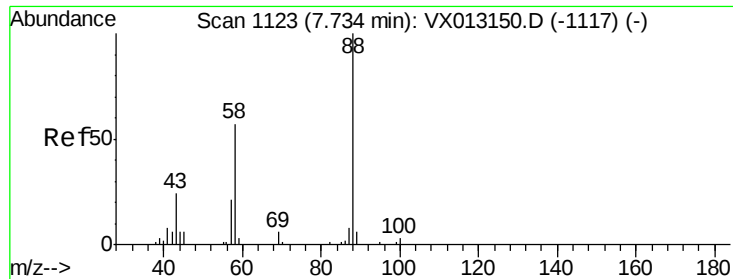
61 20.7 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

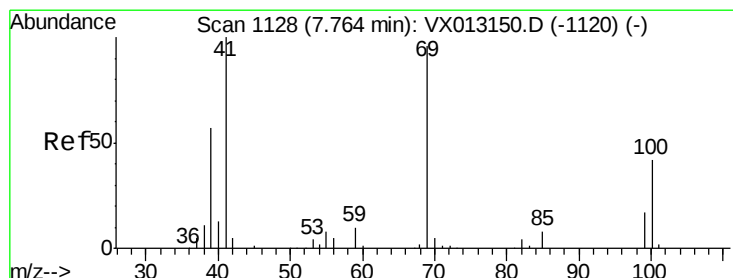
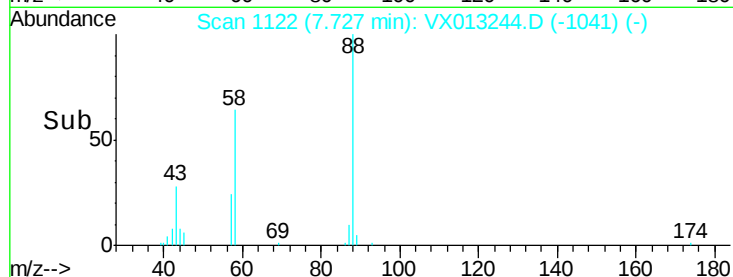
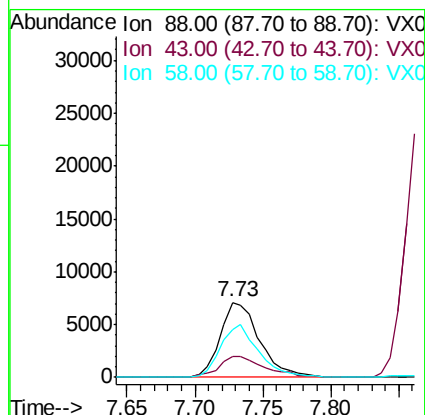
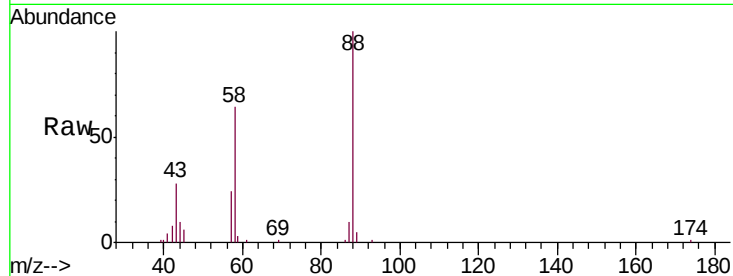




#45
 1,4-Dioxane
 Concen: 353.102 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

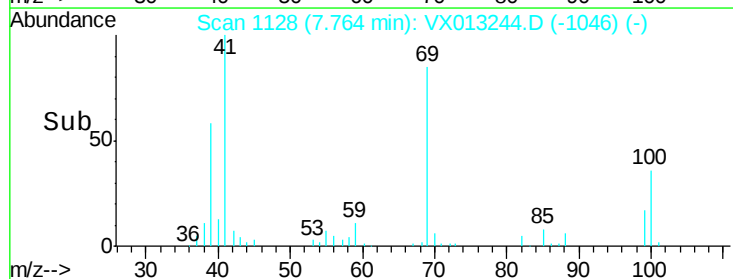
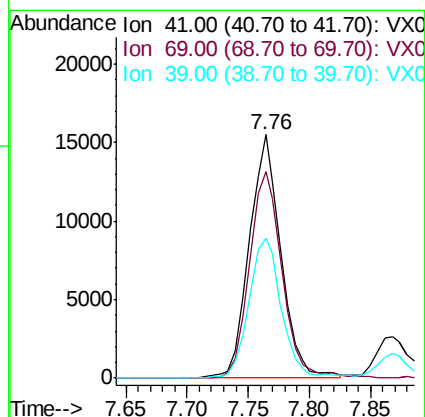
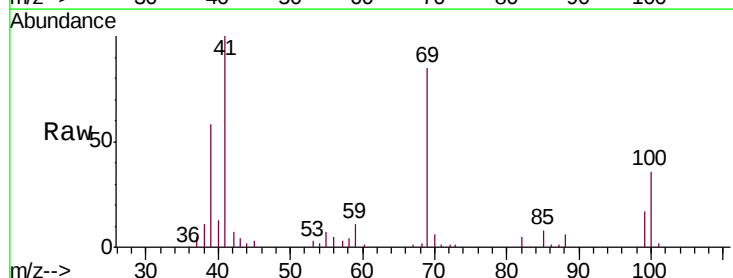
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

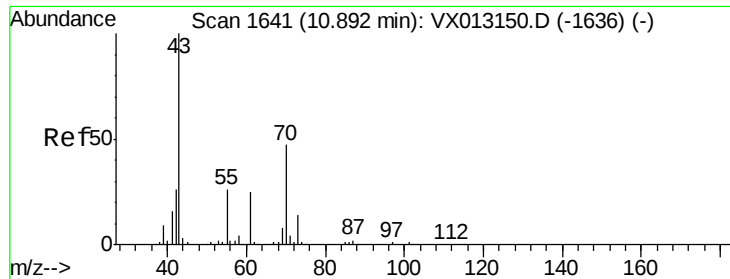
Tgt Ion: 88 Resp: 14205
 Ion Ratio Lower Upper
 88 100
 43 33.5 24.0 36.0
 58 68.6 52.8 79.2



#46
 Methyl methacrylate
 Concen: 17.793 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 41 Resp: 27851
 Ion Ratio Lower Upper
 41 100
 69 85.0 47.8 143.3
 39 57.7 28.5 85.5

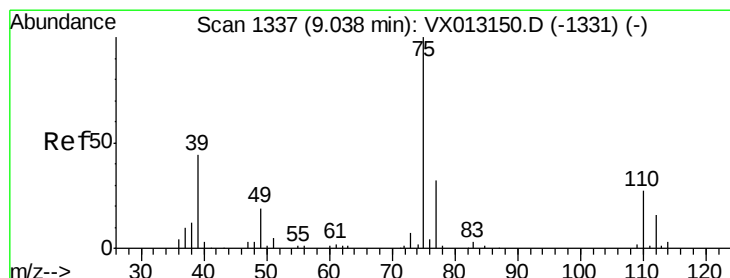
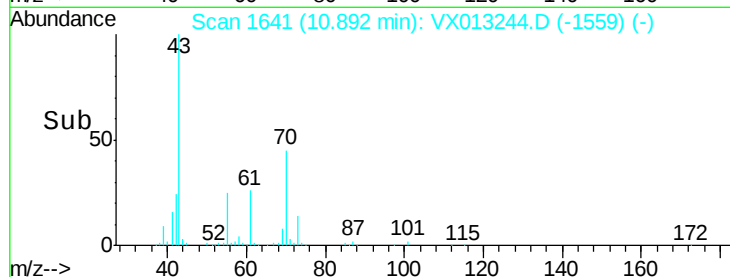
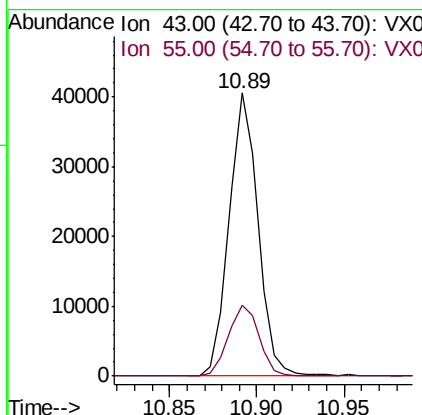
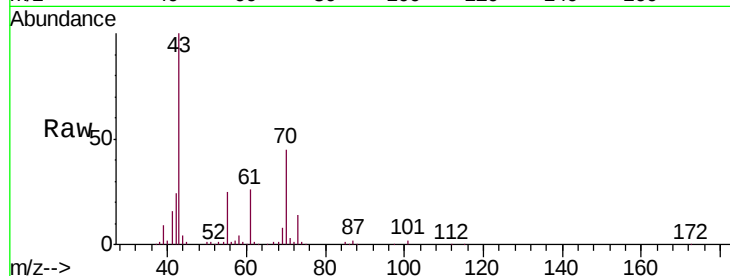




#47
n-amy1 Acetate
Concen: 17.322 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

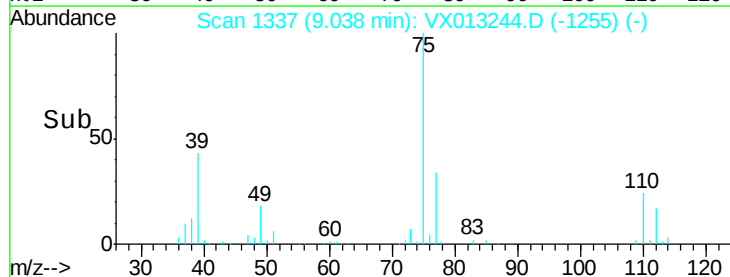
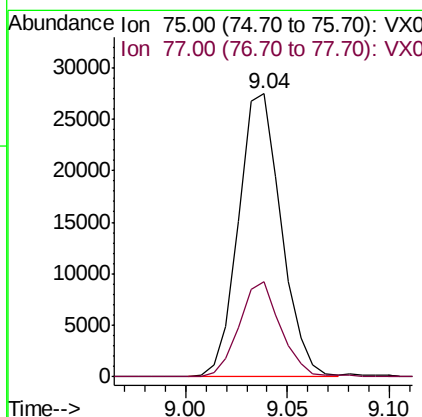
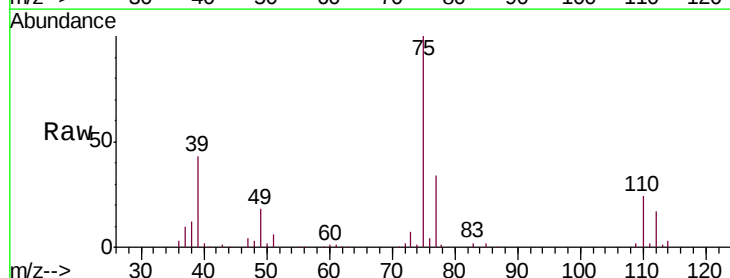
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

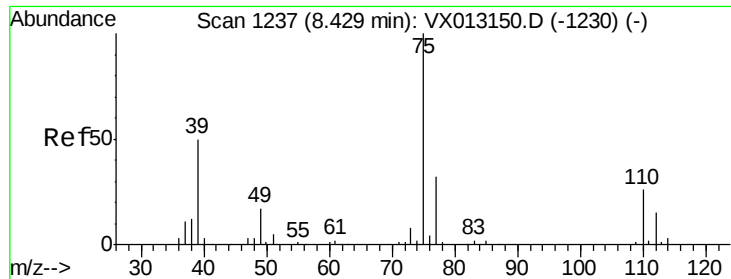
Tgt Ion: 43 Resp: 46447
Ion Ratio Lower Upper
43 100
55 27.0 20.9 31.3



#48
t-1,3-Dichloropropene
Concen: 18.173 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 75 Resp: 40135
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4

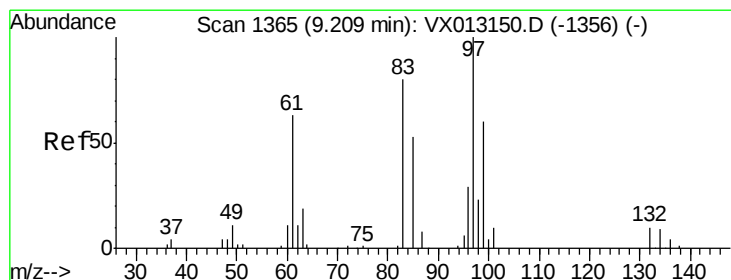
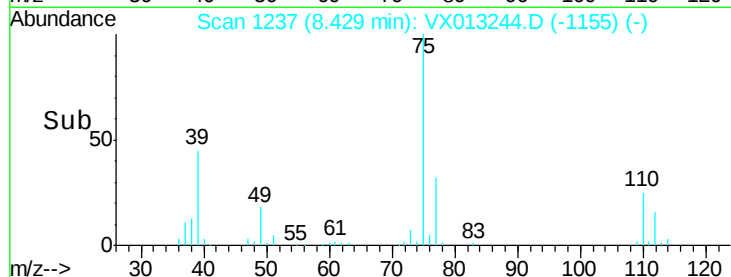
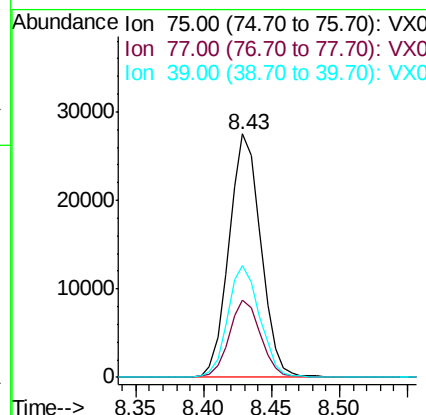
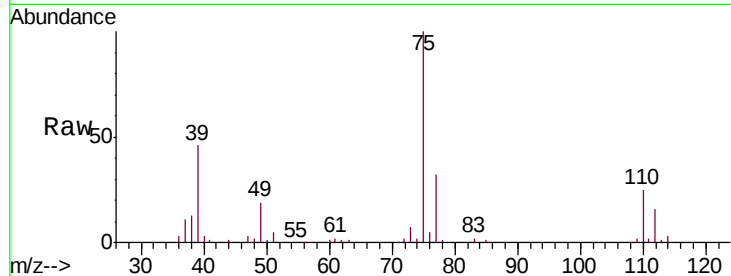




#49
 cis-1,3-Dichloropropene
 Concen: 18.620 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

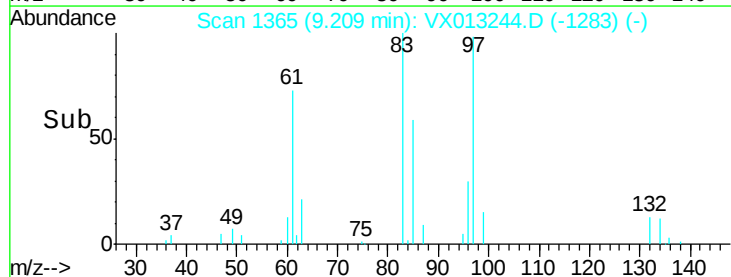
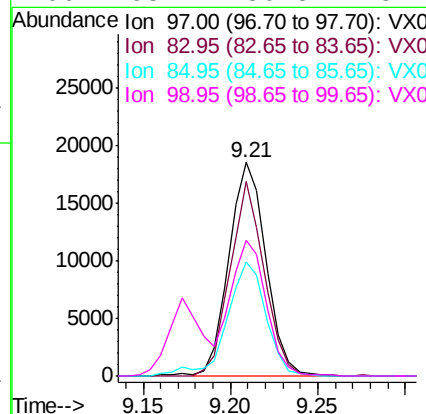
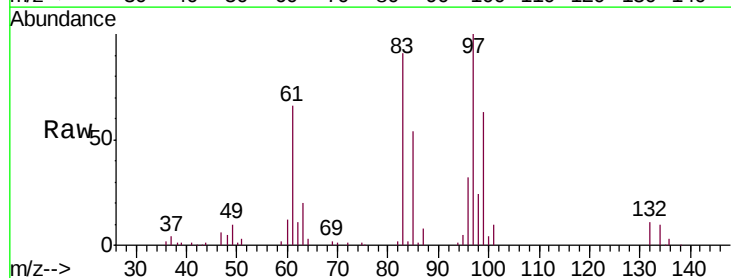
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

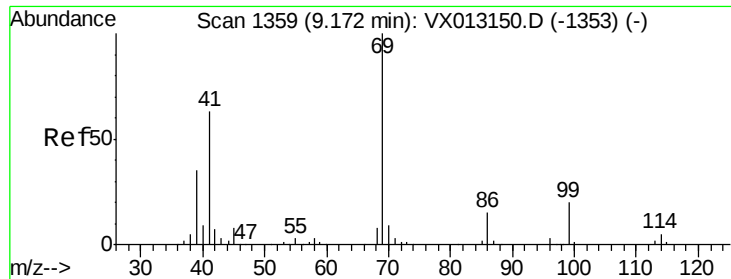
Tgt Ion: 75 Resp: 44744
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 45.7 39.7 59.5



#50
 1,1,2-Trichloroethane
 Concen: 18.493 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 97 Resp: 27270
 Ion Ratio Lower Upper
 97 100
 83 90.9 64.2 96.4
 85 53.5 42.7 64.1
 99 63.1 50.5 75.7

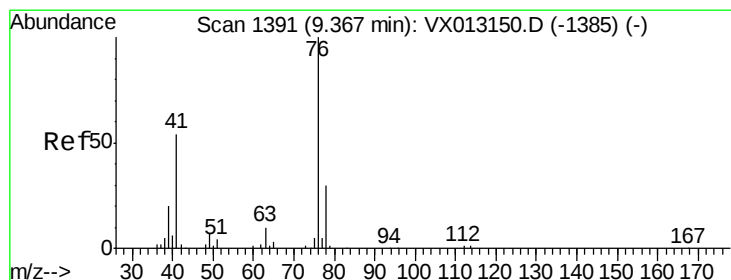
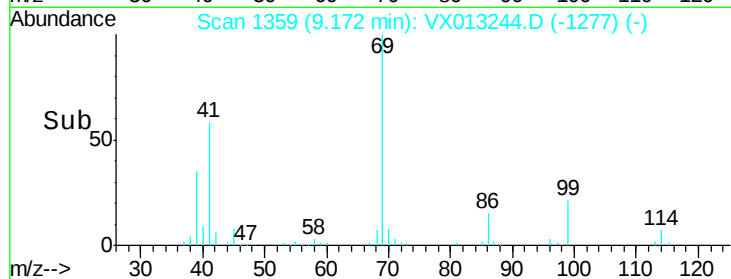
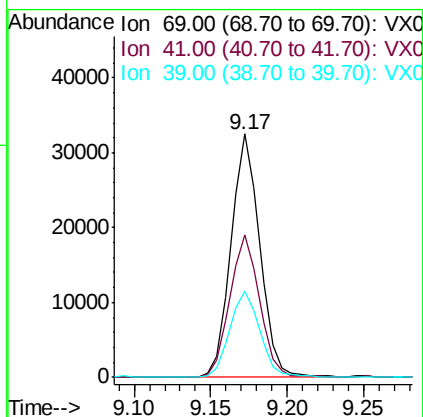
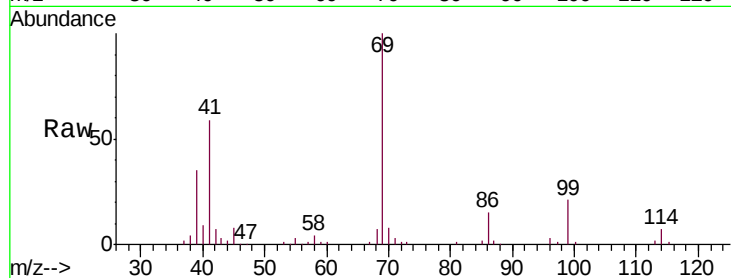




#51
Ethyl methacrylate
Concen: 18.413 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

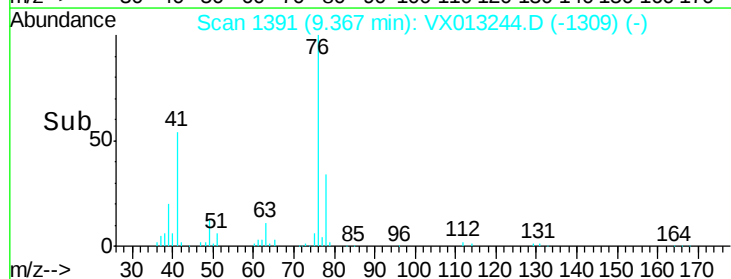
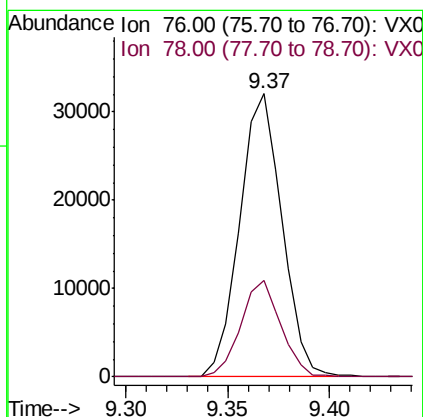
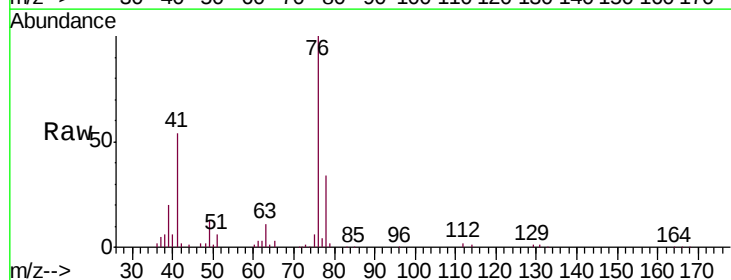
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

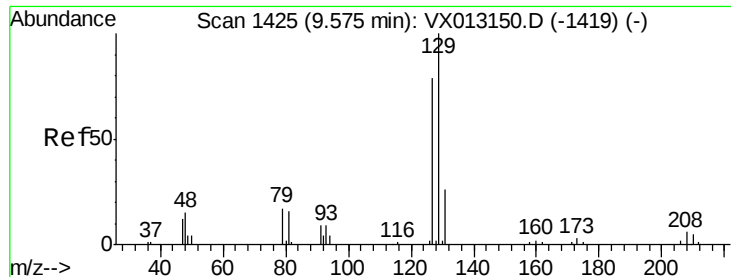
Tgt Ion: 69 Resp: 42574
Ion Ratio Lower Upper
69 100
41 58.7 31.6 95.0
39 35.0 17.7 53.1



#52
1,3-Dichloropropane
Concen: 18.630 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 76 Resp: 46264
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6

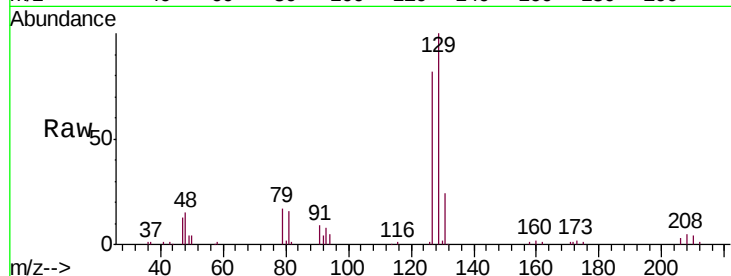




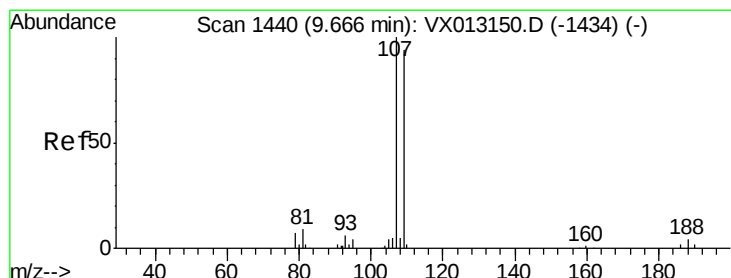
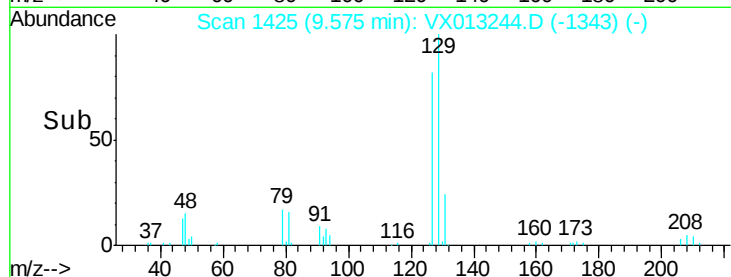
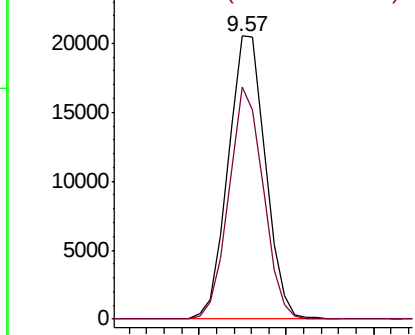
#53
 Dibromochloromethane
 Concen: 19.178 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tgt Ion:129 Resp: 30505
 Ion Ratio Lower Upper
 129 100
 127 75.5 39.4 118.2

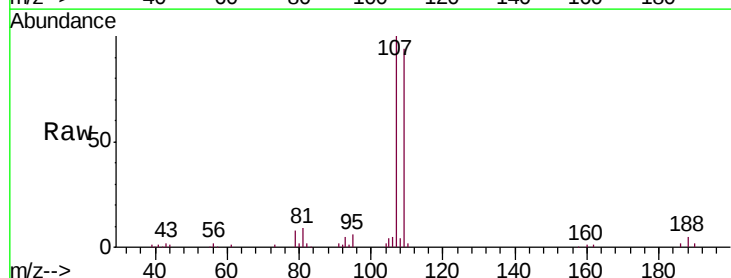


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

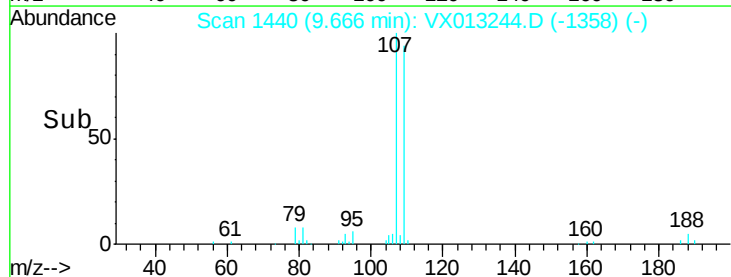
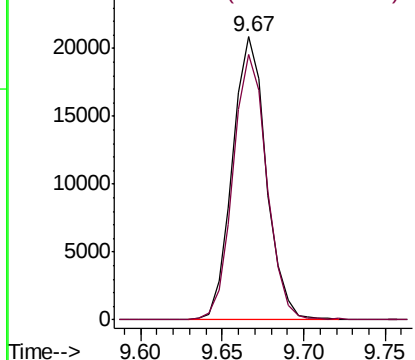


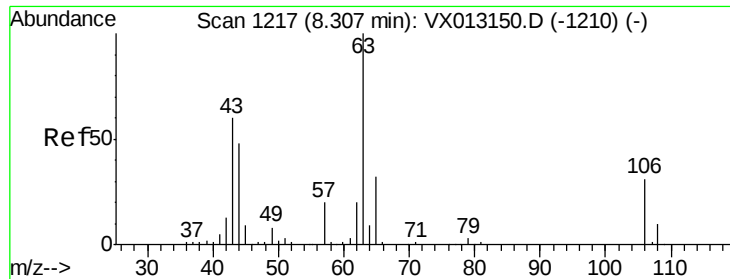
#54
 1,2-Dibromoethane
 Concen: 19.080 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion:107 Resp: 30083
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

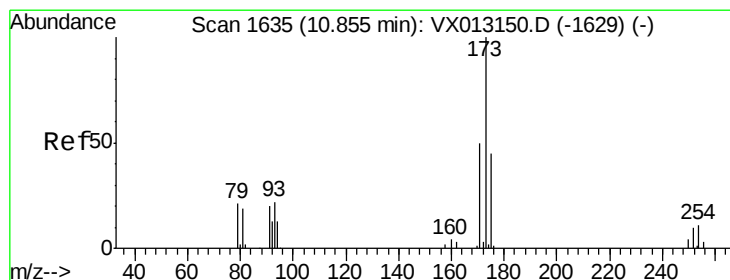
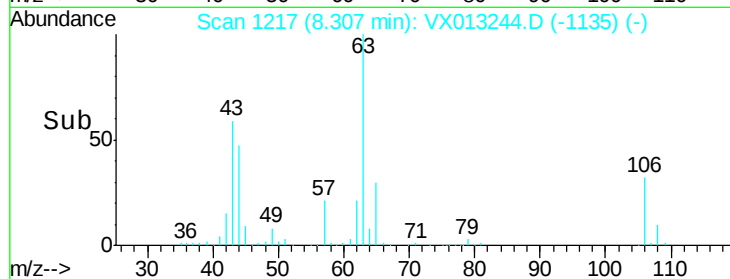
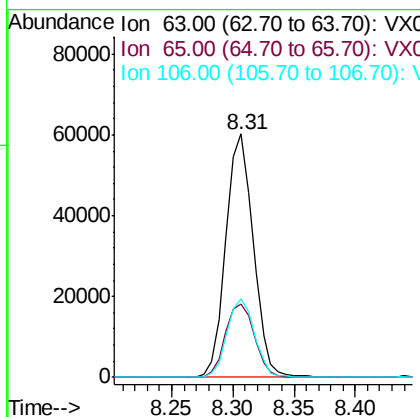
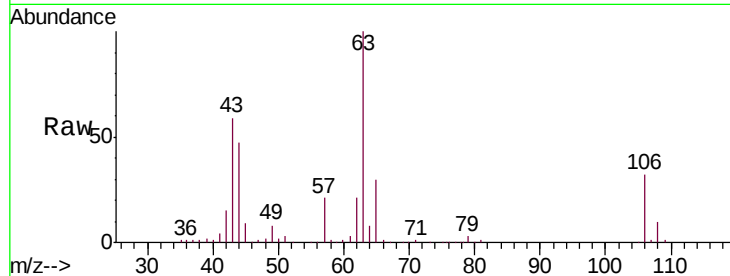




#55
 2-Chloroethyl vinyl ether
 Concen: 99.905 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

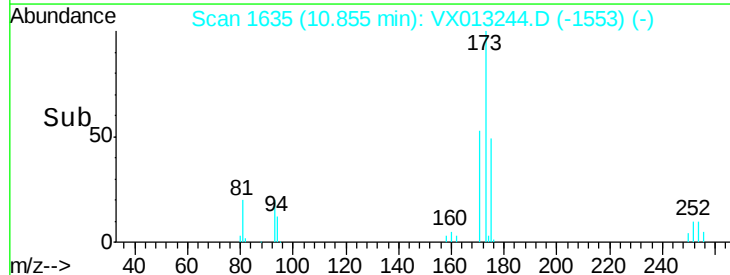
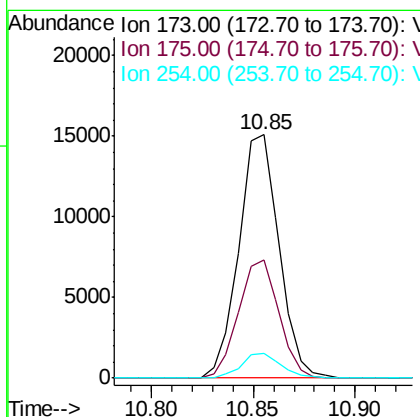
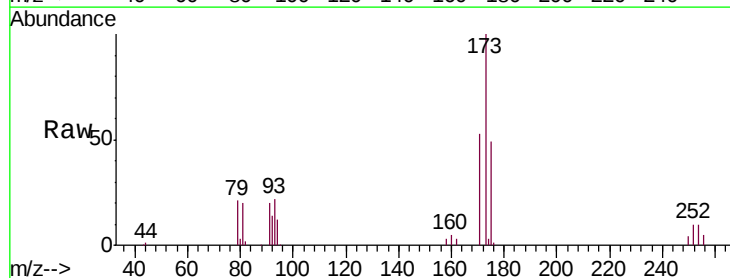
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

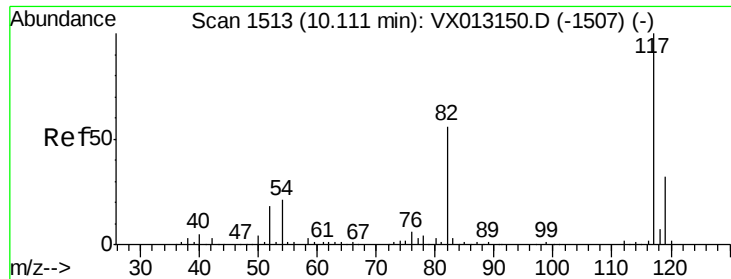
Tgt Ion: 63 Resp: 93833
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.5 38.3
 106 32.2 24.8 37.2



#56
 Bromoform
 Concen: 18.357 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 173 Resp: 20715
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 10.0 8.1 12.1

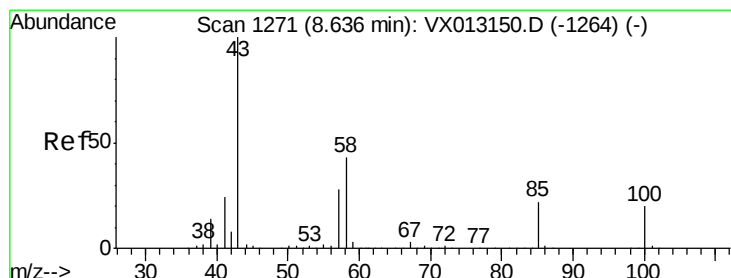
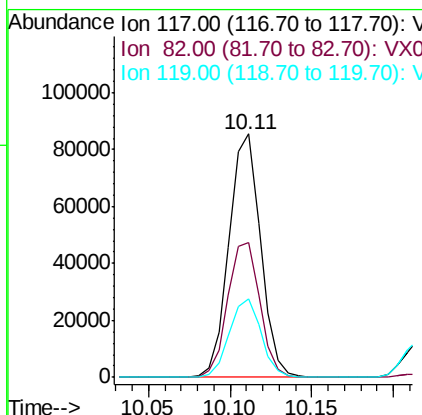
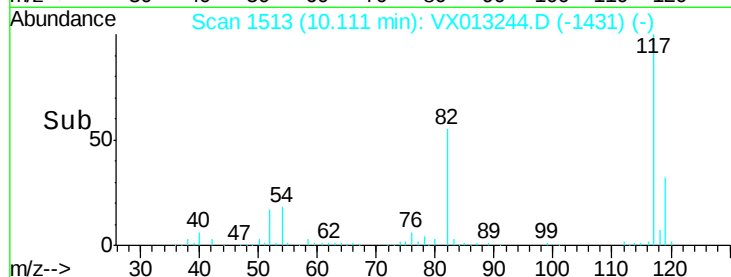
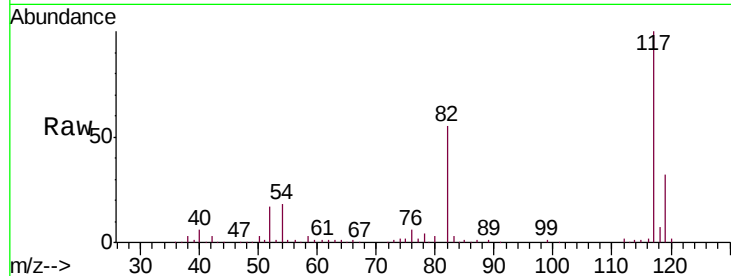




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

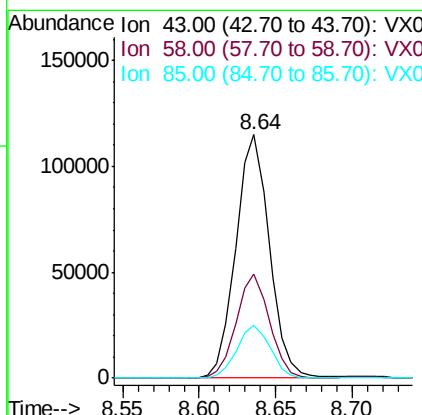
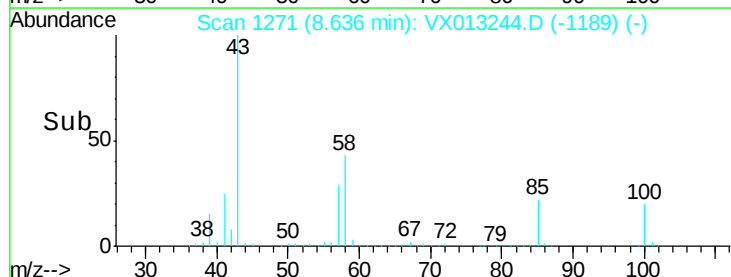
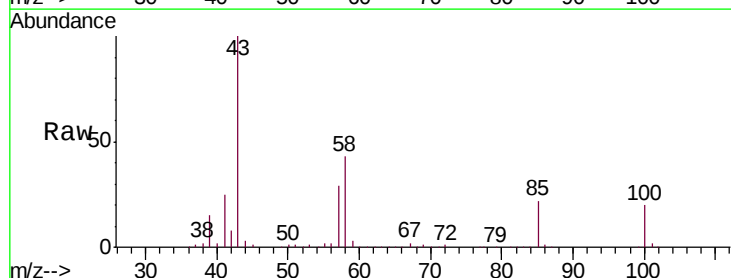
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS02

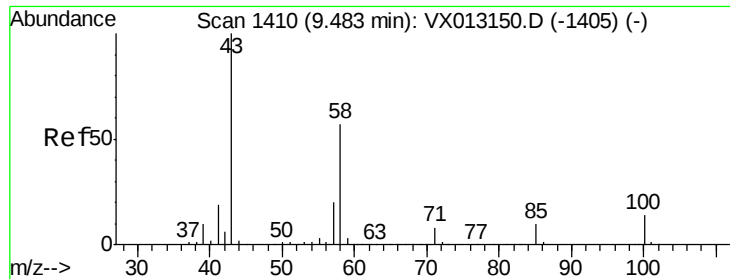
Tgt Ion: 117 Resp: 115337
Ion Ratio Lower Upper
117 100
82 56.6 46.0 69.0
119 32.4 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 90.090 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 175087
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8
85 21.7 16.8 25.2

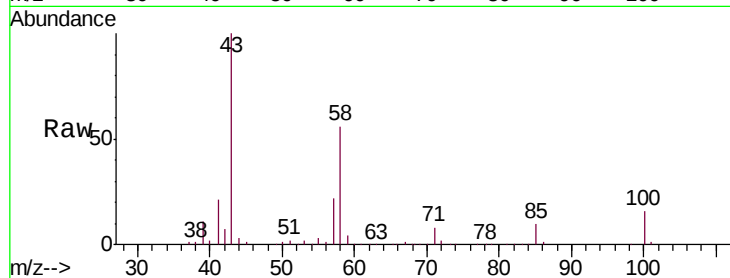




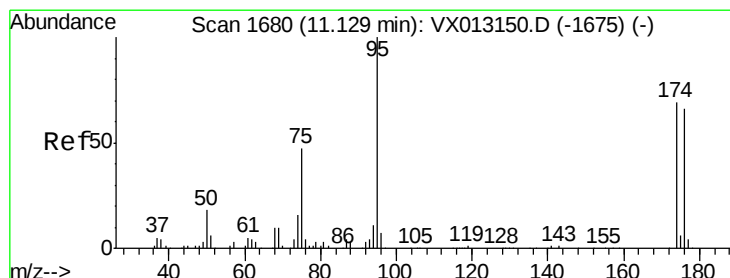
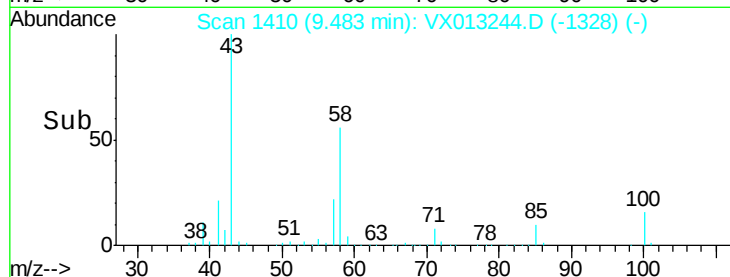
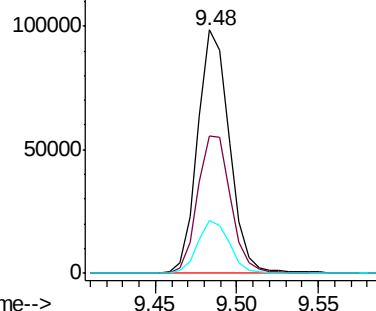
#59
2-Hexanone
Concen: 87.818 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
VX1028WBS02

Tgt Ion: 43 Resp: 133758
Ion Ratio Lower Upper
43 100
58 58.8 46.6 69.8
57 21.8 16.9 25.3

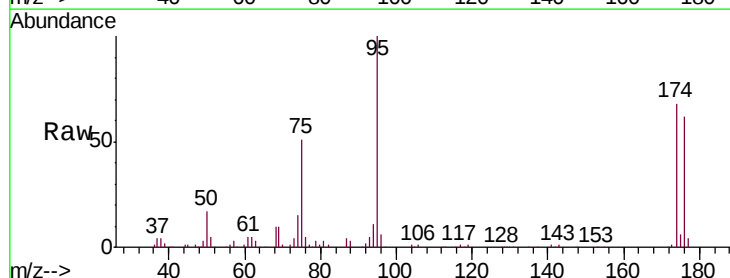


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

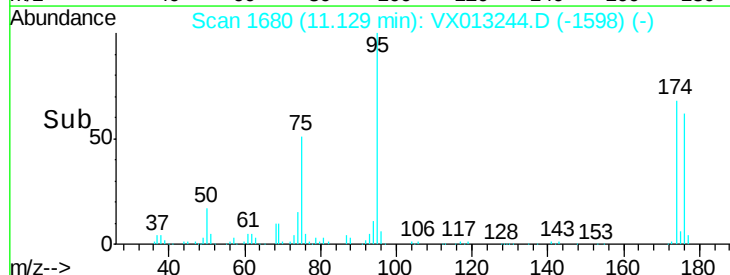
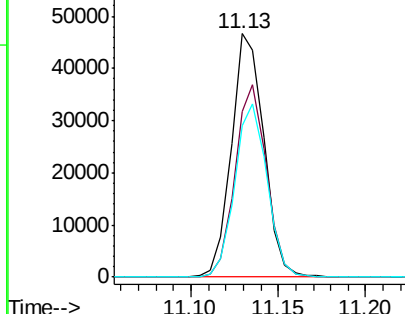


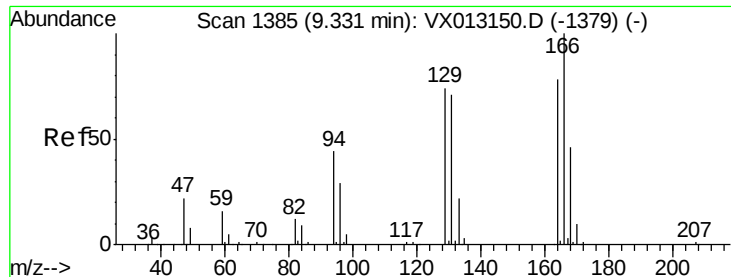
#60
4-Bromofluorobenzene
Concen: 30.018 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 95 Resp: 60287
Ion Ratio Lower Upper
95 100
174 76.3 60.0 90.0
176 70.6 58.5 87.7



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: 19.168 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tgt Ion:164 Resp: 29309

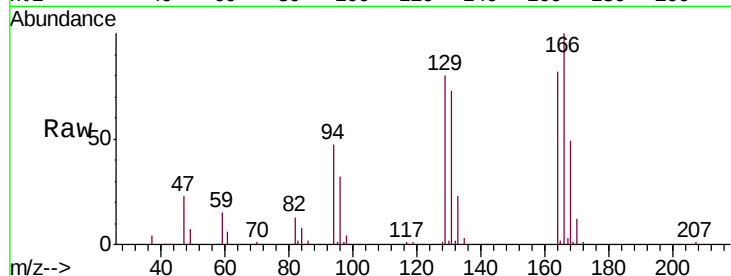
Ion Ratio Lower Upper

164 100

166 122.4 102.6 153.8

129 98.0 75.7 113.5

131 89.4 72.4 108.6

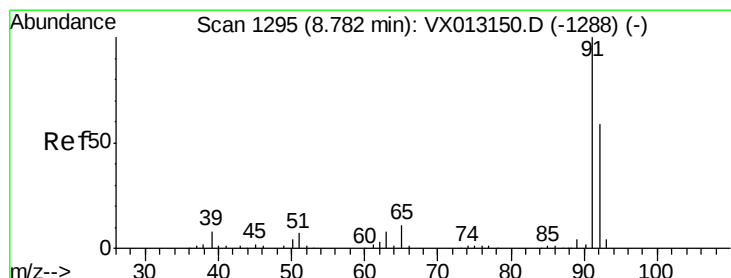
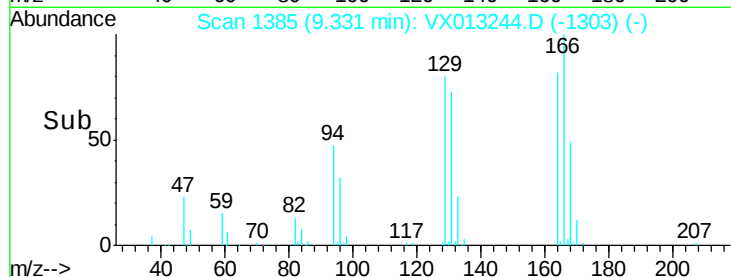
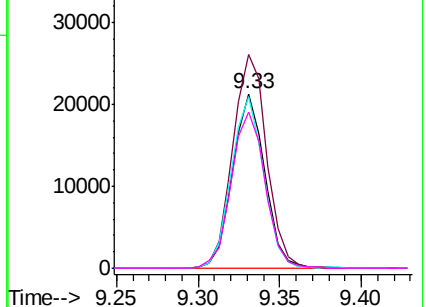


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.322 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013244.D

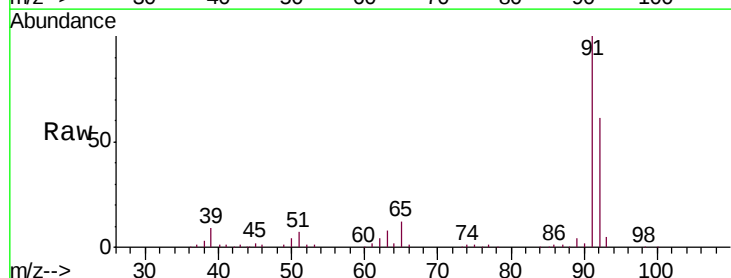
Acq: 28 Oct 2019 13:43

Tgt Ion: 91 Resp: 114078

Ion Ratio Lower Upper

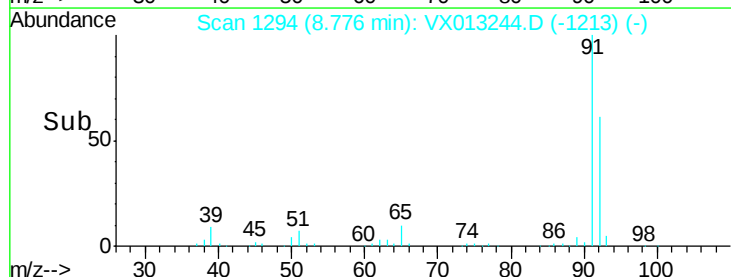
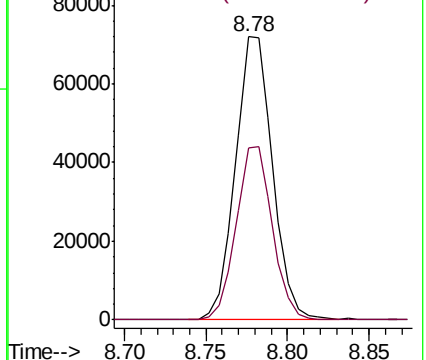
91 100

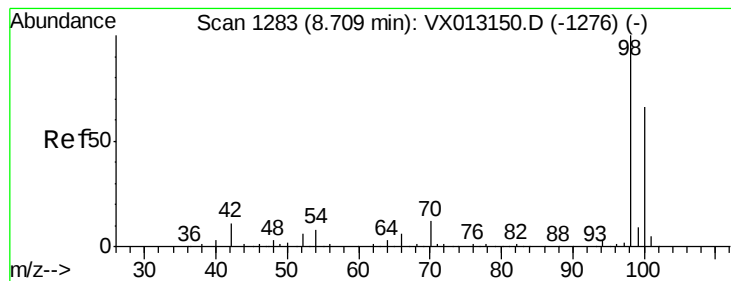
92 59.9 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.129 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

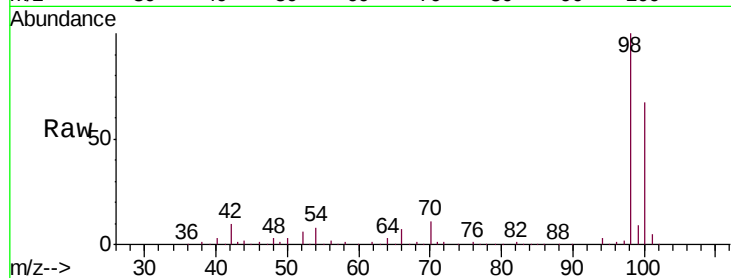
VX1028WBS02

Tgt Ion: 98 Resp: 154554

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX013150.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX013150.D (-1276) (-)

8.71

100000

80000

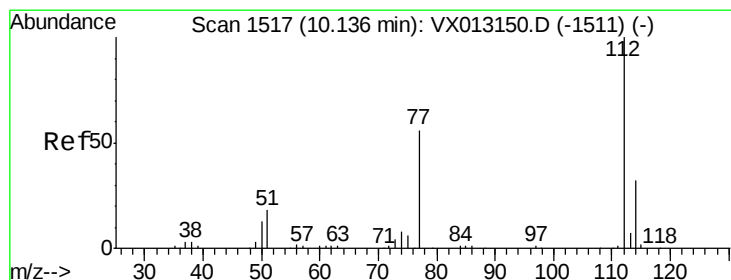
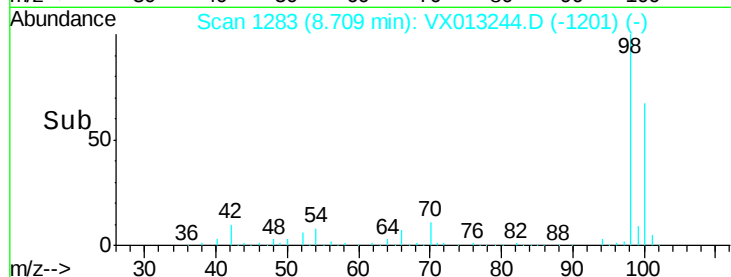
60000

40000

20000

0

Time-->



#64

Chlorobenzene

Concen: 18.224 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013244.D

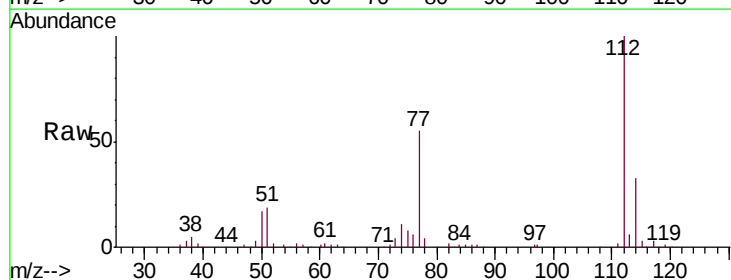
Acq: 28 Oct 2019 13:43

Tgt Ion: 112 Resp: 72754

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VX013150.D (-1511) (-)

Ion 114.00 (113.70 to 114.70): VX013150.D (-1511) (-)

10.14

60000

50000

40000

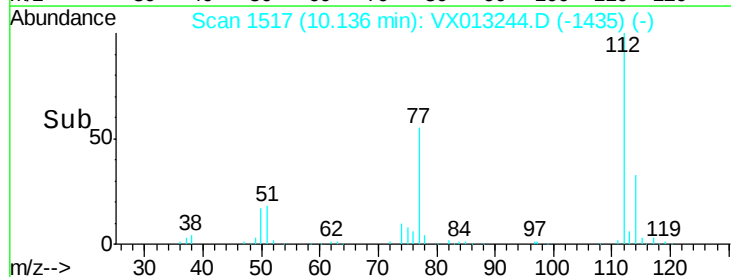
30000

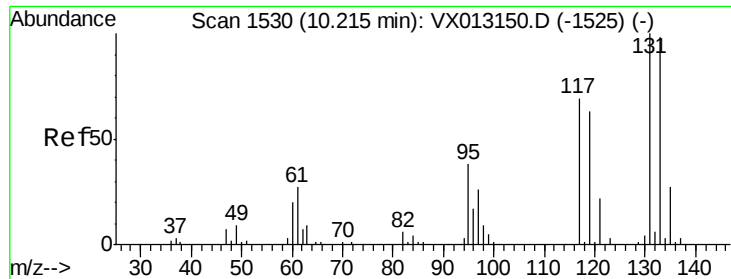
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.091 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

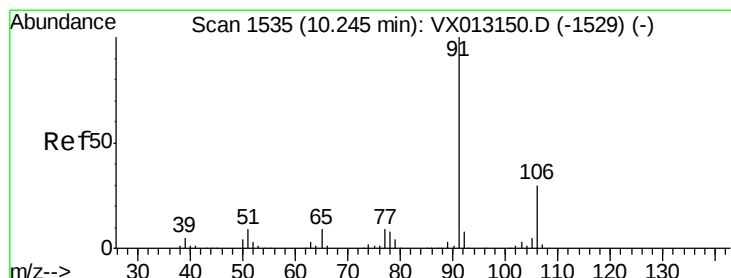
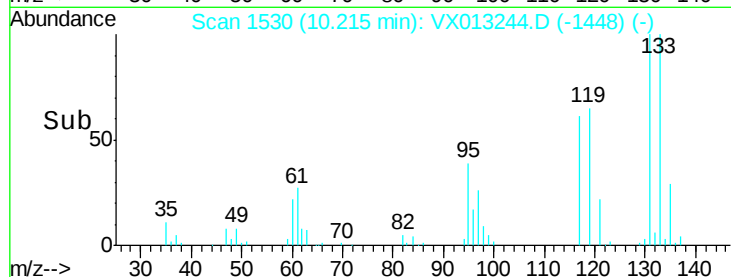
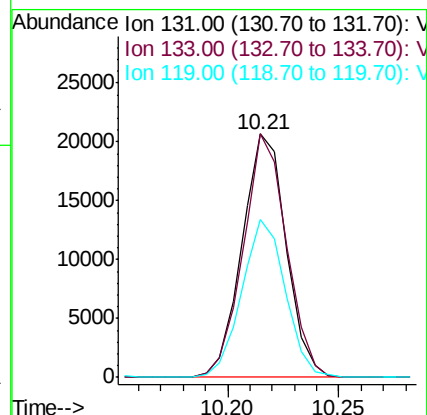
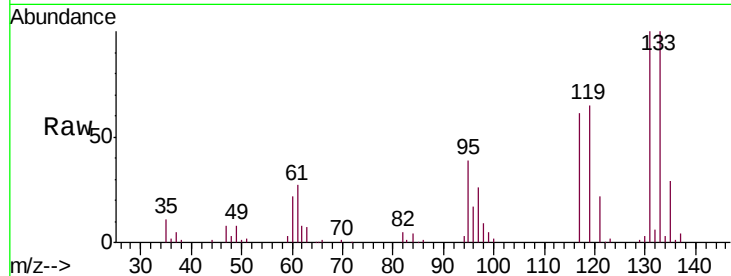
Tgt Ion:131 Resp: 28550

Ion Ratio Lower Upper

131 100

133 98.0 0.0 191.0

119 63.9 0.0 125.6



#66

Ethyl Benzene

Concen: 18.388 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013244.D

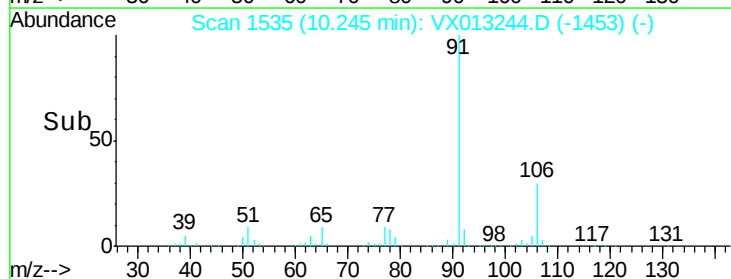
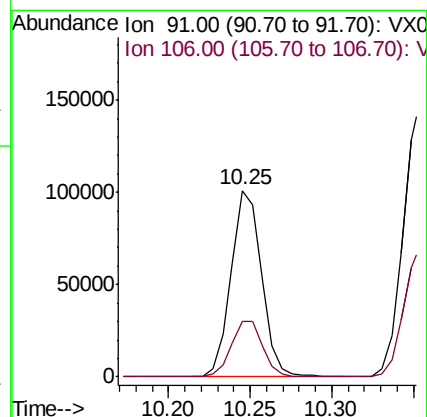
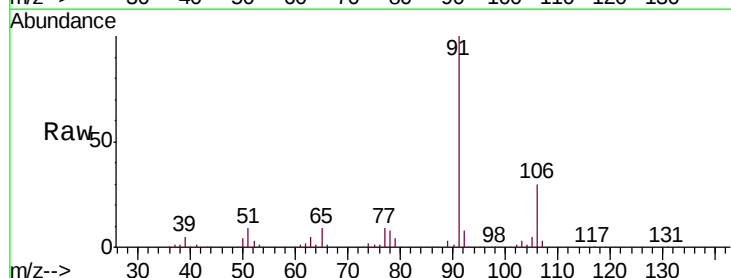
Acq: 28 Oct 2019 13:43

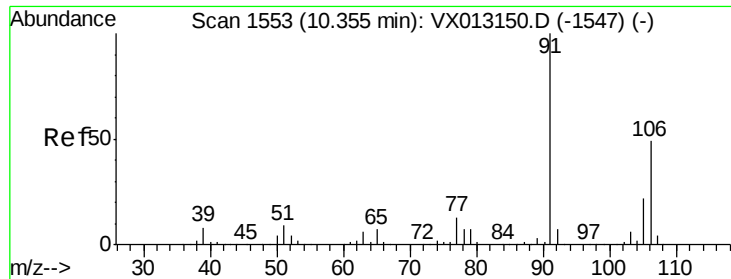
Tgt Ion: 91 Resp: 131768

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6

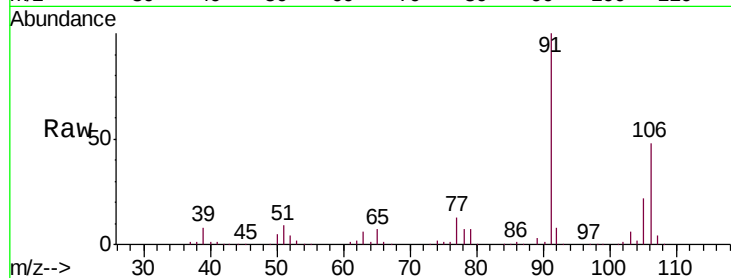




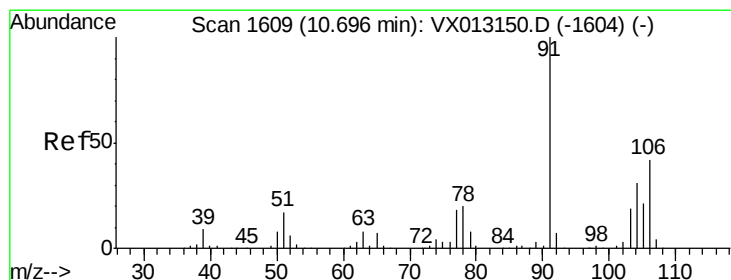
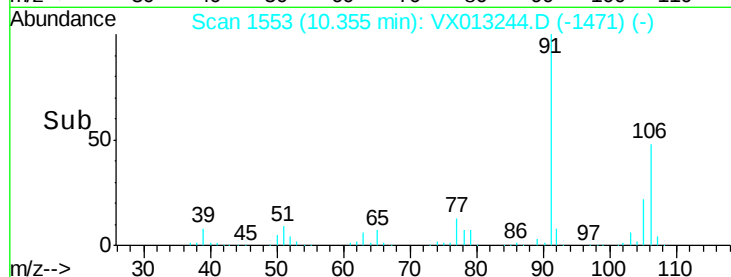
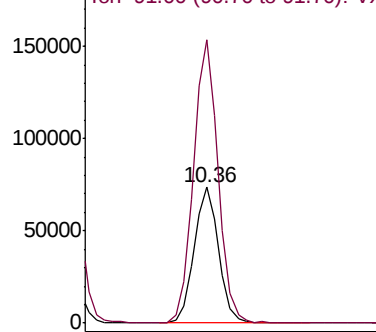
#67
m/p-Xylenes
Concen: 36.245 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tgt Ion:106 Resp: 98713
Ion Ratio Lower Upper
106 100
91 207.1 163.7 245.5

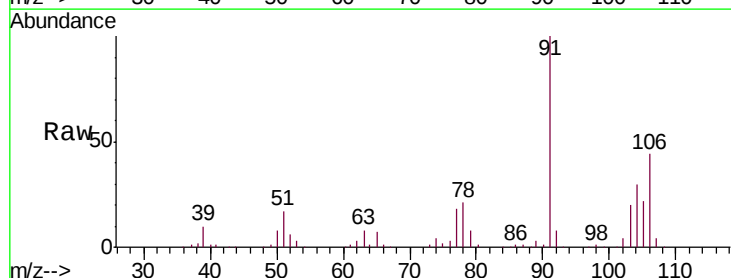


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

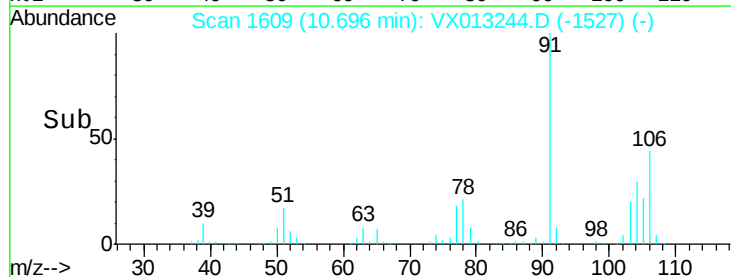
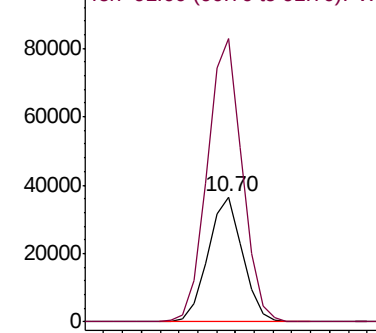


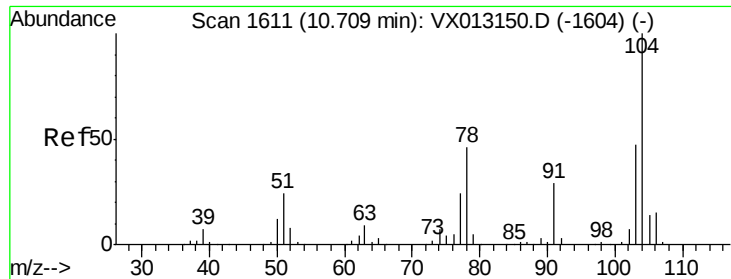
#68
o-Xylene
Concen: 17.859 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:106 Resp: 46433
Ion Ratio Lower Upper
106 100
91 228.2 113.6 340.8



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

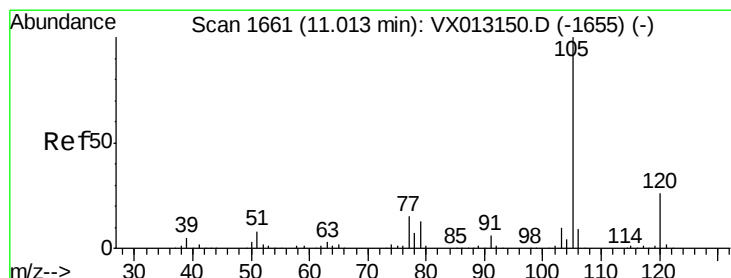
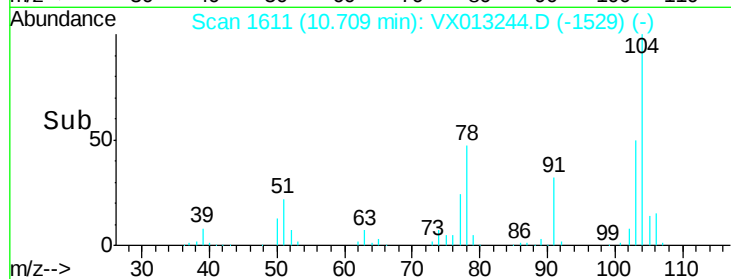
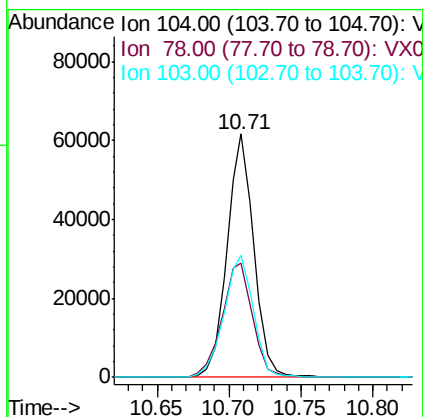
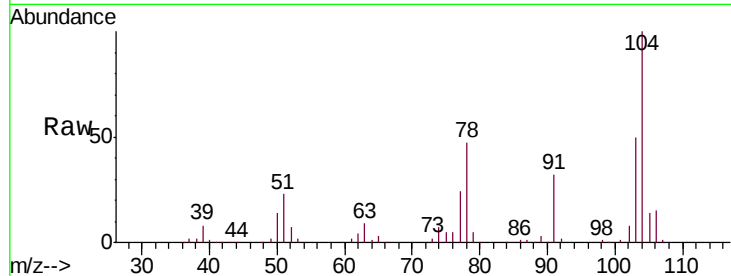




#69
Styrene
Concen: 17.997 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

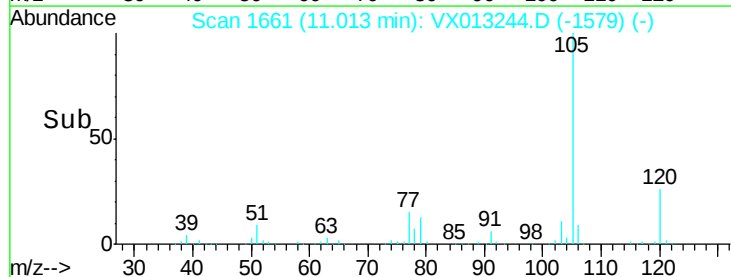
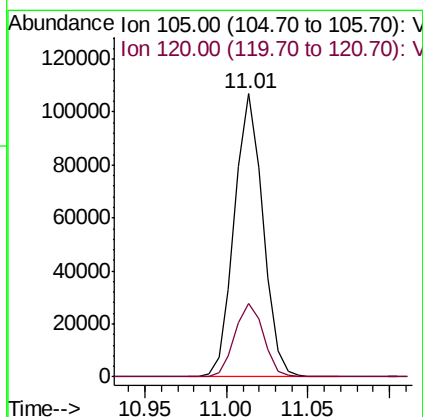
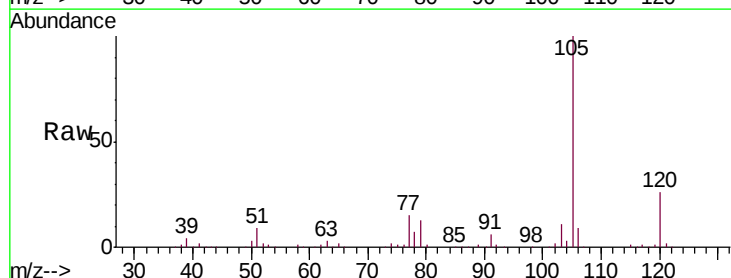
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

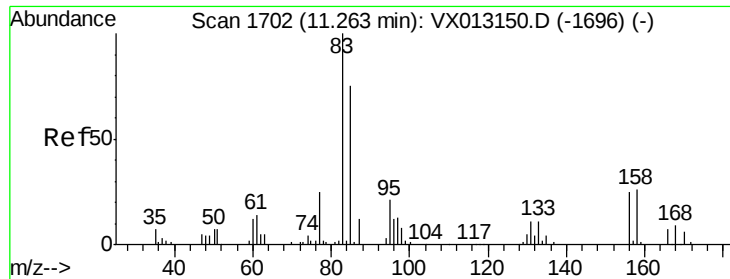
Tgt Ion:104 Resp: 80521
Ion Ratio Lower Upper
104 100
78 53.6 42.3 63.5
103 55.5 42.2 63.2



#70
Isopropylbenzene
Concen: 18.303 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:105 Resp: 130577
Ion Ratio Lower Upper
105 100
120 26.2 18.1 33.7

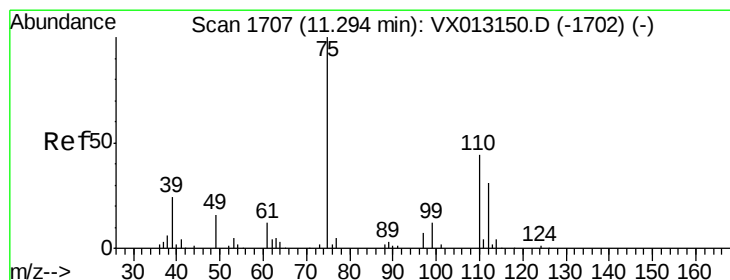
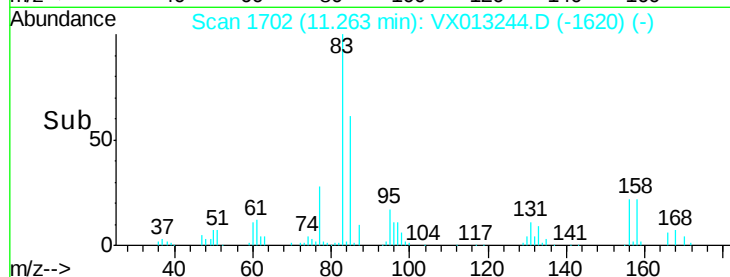
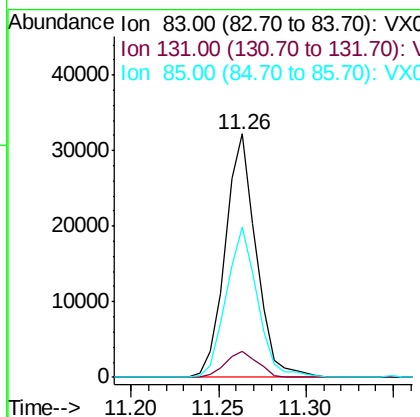
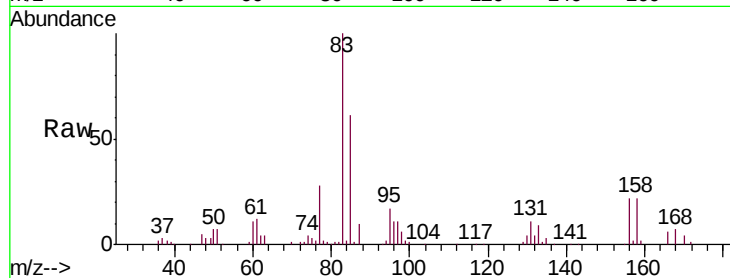




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.072 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

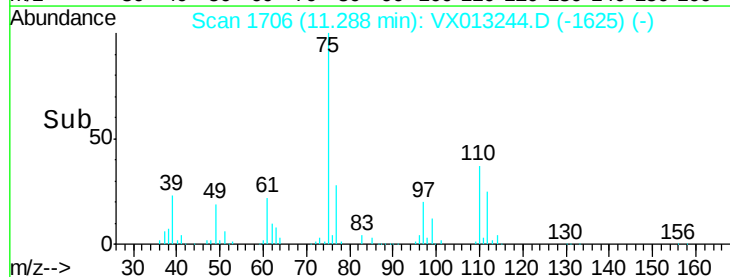
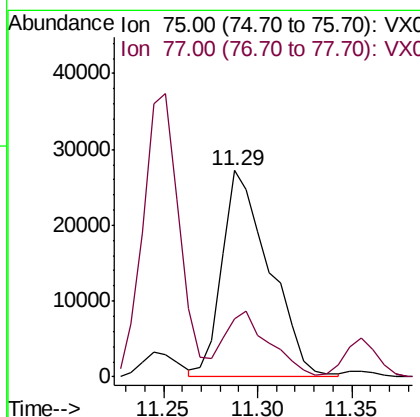
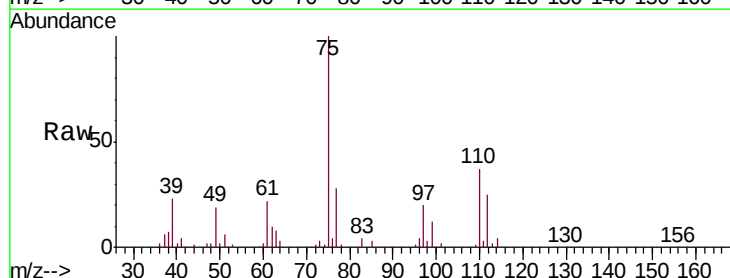
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

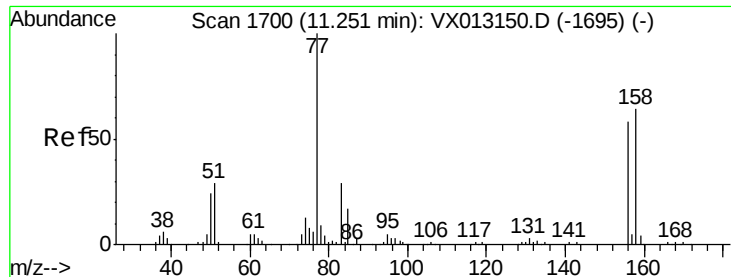
Tgt Ion: 83 Resp: 39507
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.4
 85 62.3 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 25.021 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 75 Resp: 47508
 Ion Ratio Lower Upper
 75 100
 77 29.4 0.0 74.0





#73

Bromobenzene

Concen: 17.994 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

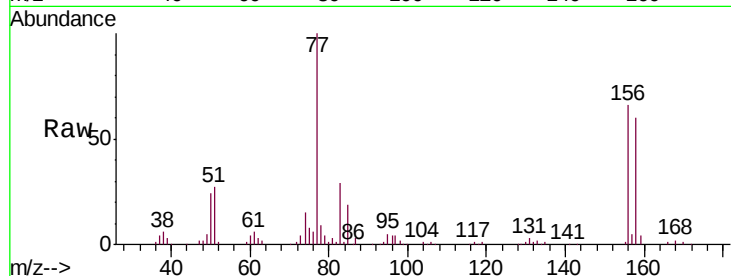
Tgt Ion:156 Resp: 30807

Ion Ratio Lower Upper

156 100

77 163.5 0.0 328.0

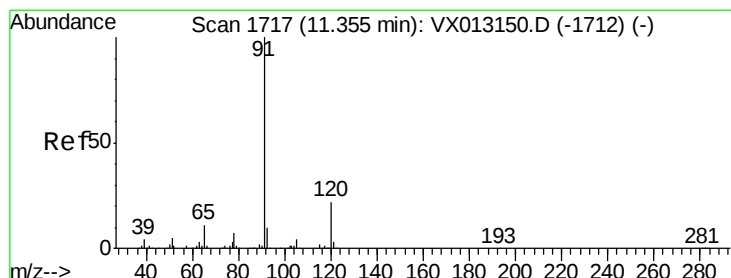
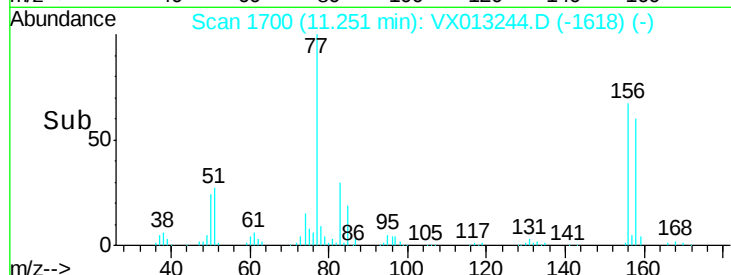
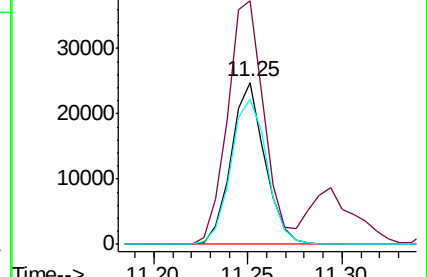
158 96.1 0.0 196.2



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: 17.541 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013244.D

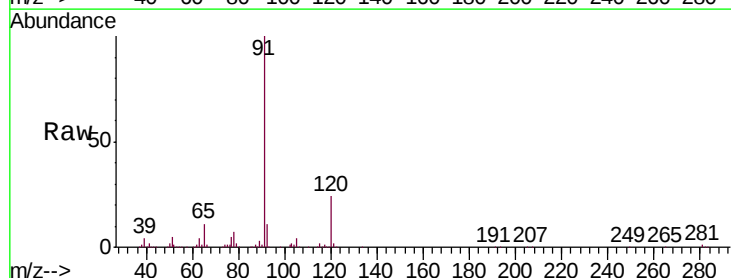
Acq: 28 Oct 2019 13:43

Tgt Ion: 91 Resp: 137353

Ion Ratio Lower Upper

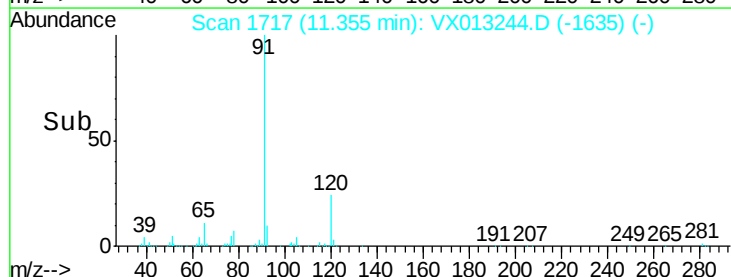
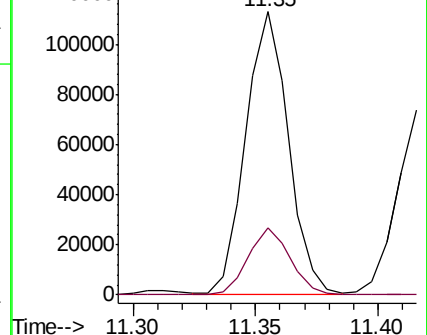
91 100

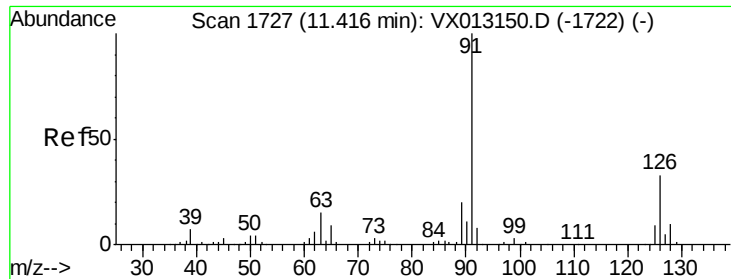
120 23.1 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.877 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

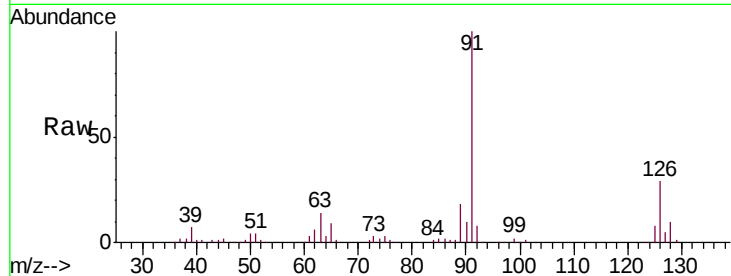
VX1028WBS02

Tgt Ion: 91 Resp: 87593

Ion Ratio Lower Upper

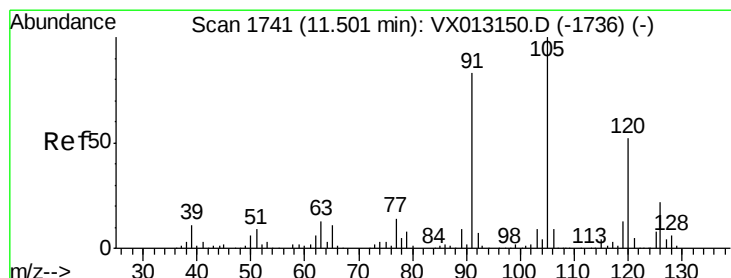
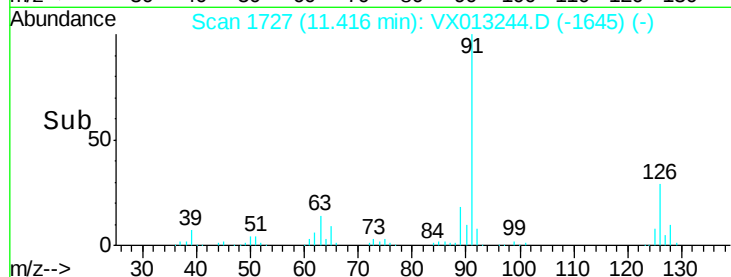
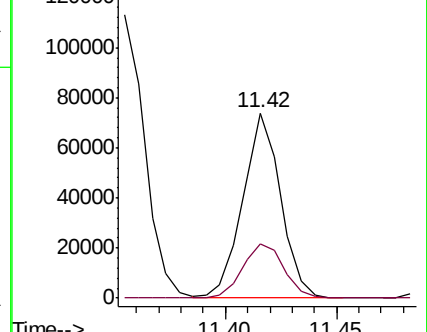
91 100

126 32.0 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.054 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013244.D

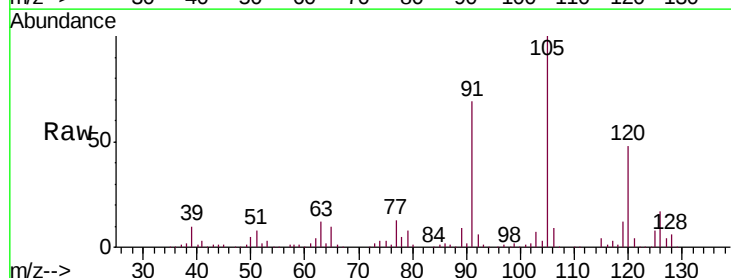
Acq: 28 Oct 2019 13:43

Tgt Ion: 105 Resp: 114109

Ion Ratio Lower Upper

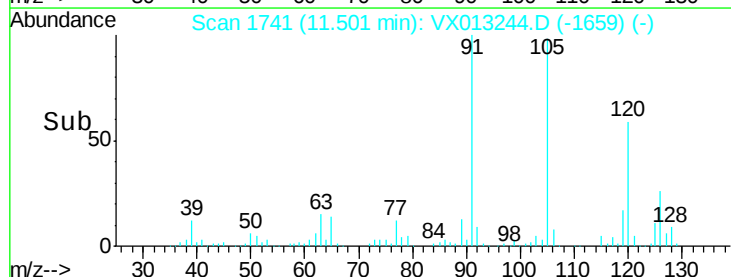
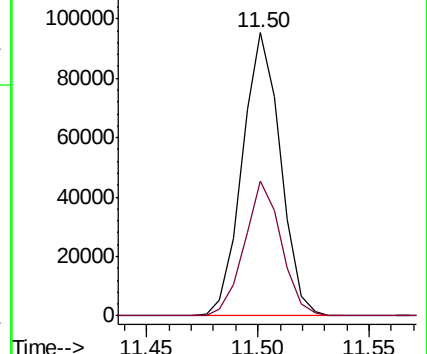
105 100

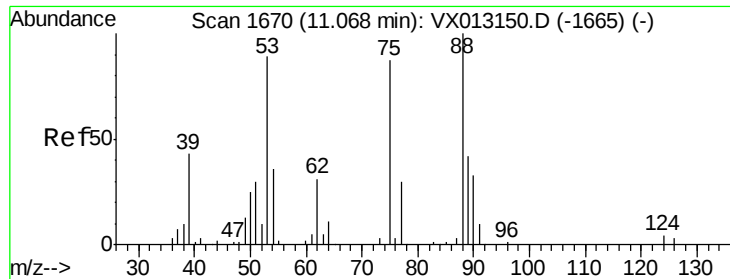
120 46.0 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.001 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

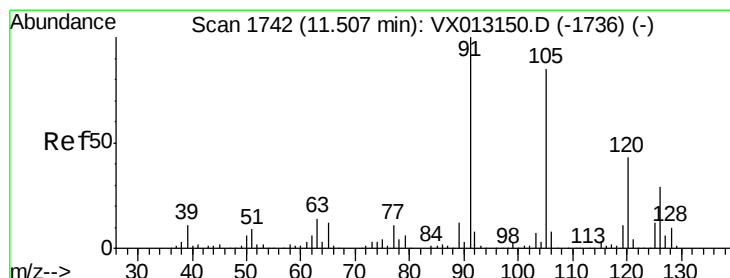
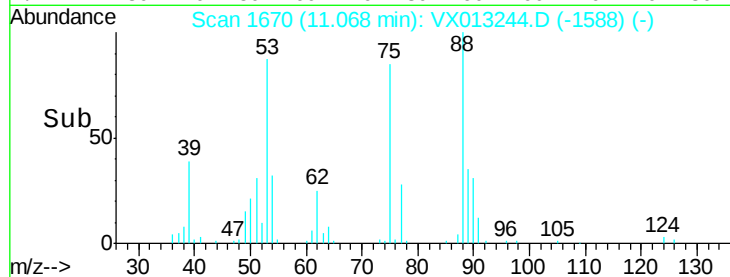
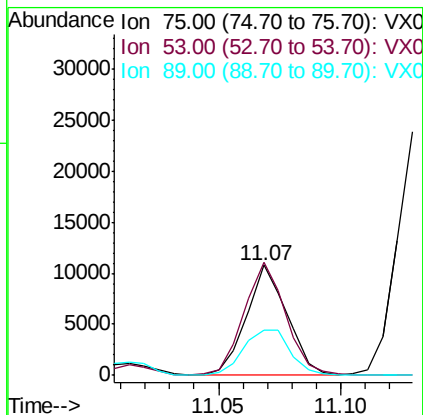
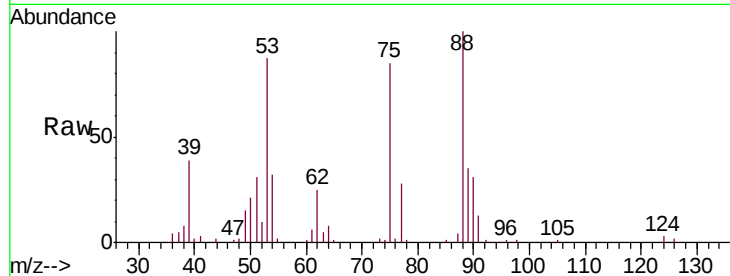
Tgt Ion: 75 Resp: 12533

Ion Ratio Lower Upper

75 100

53 102.3 51.1 153.4

89 40.7 24.1 72.4



#78

4-Chlorotoluene

Concen: 17.480 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013244.D

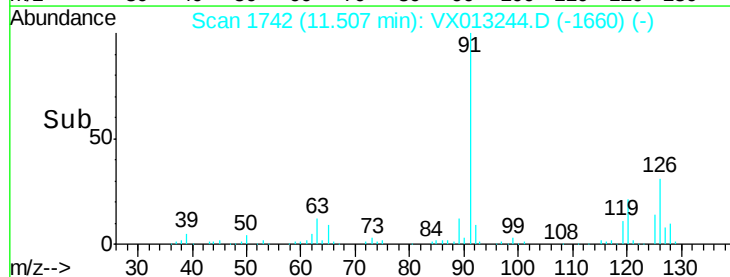
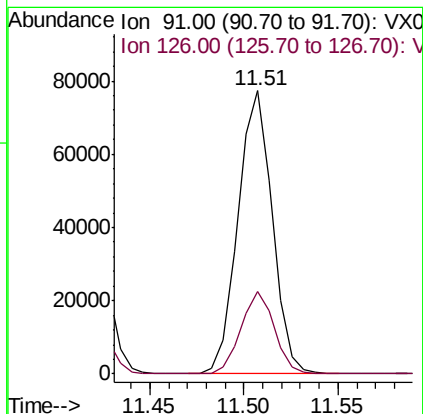
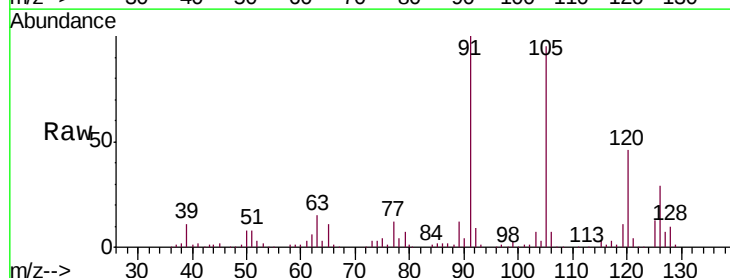
Acq: 28 Oct 2019 13:43

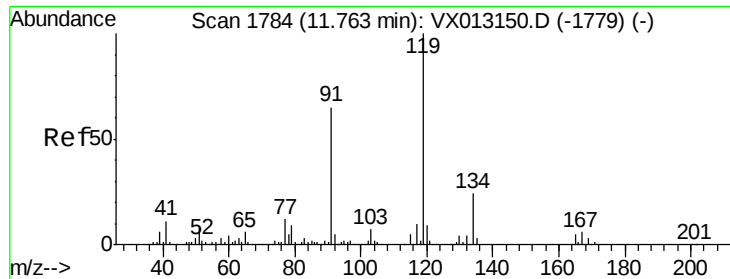
Tgt Ion: 91 Resp: 97866

Ion Ratio Lower Upper

91 100

126 28.2 0.0 58.4

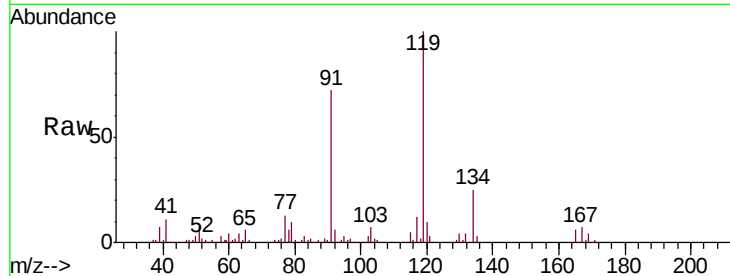




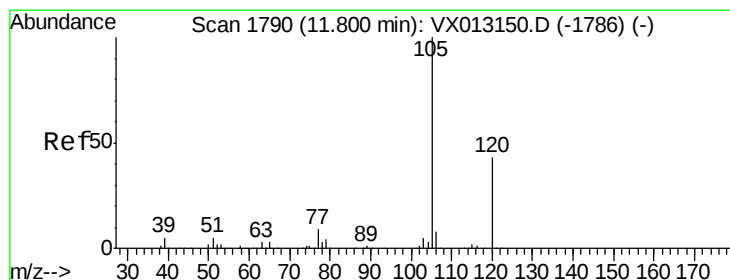
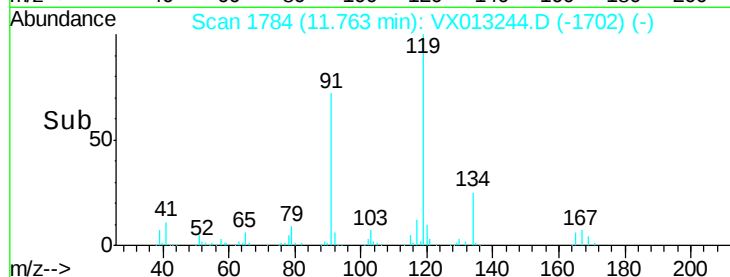
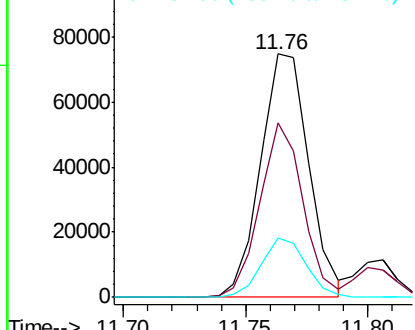
#79
tert-butylbenzene
Concen: 17.776 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.0	0.0	128.4
134	22.9	0.0	49.0

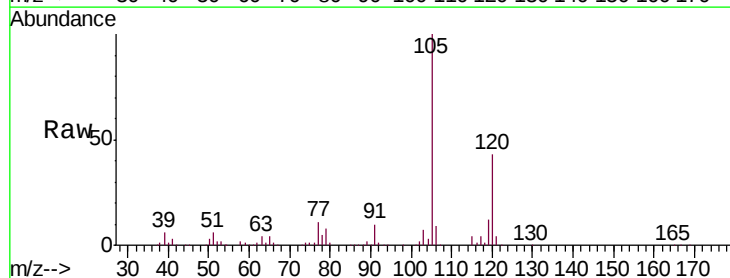


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

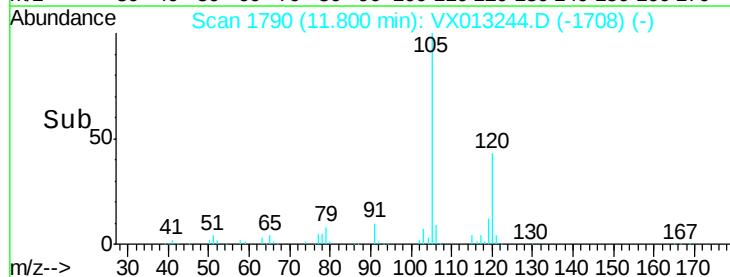
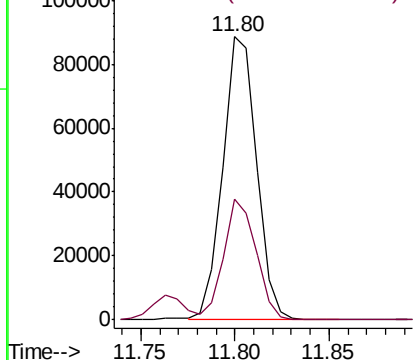


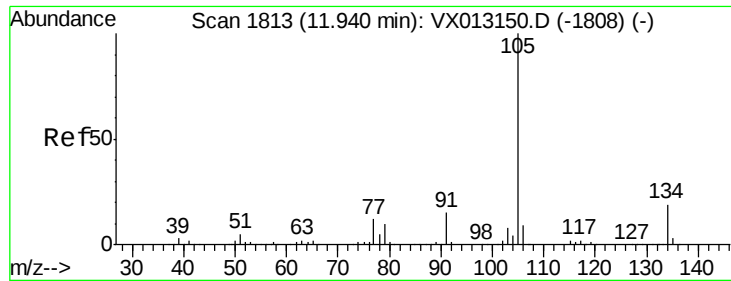
#80
1,2,4-Trimethylbenzene
Concen: 18.441 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.9	0.0	87.4



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

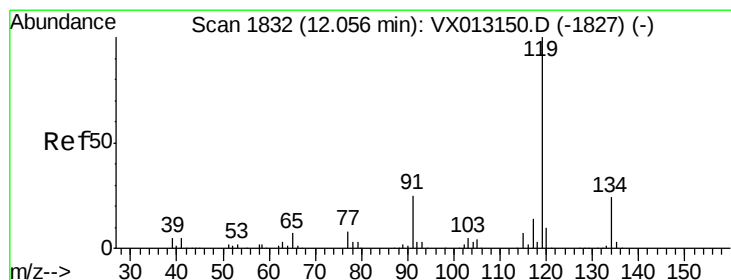
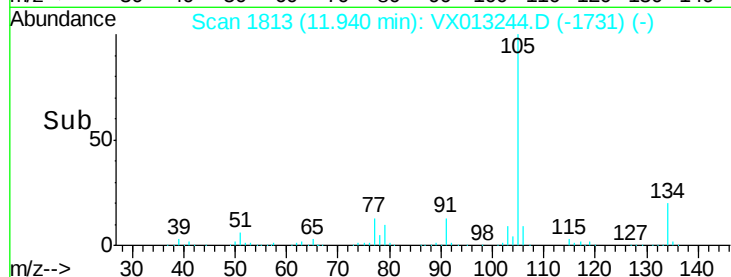
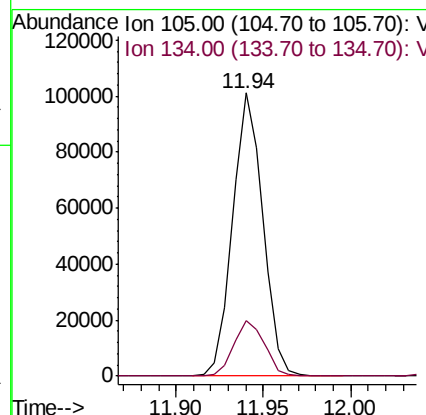
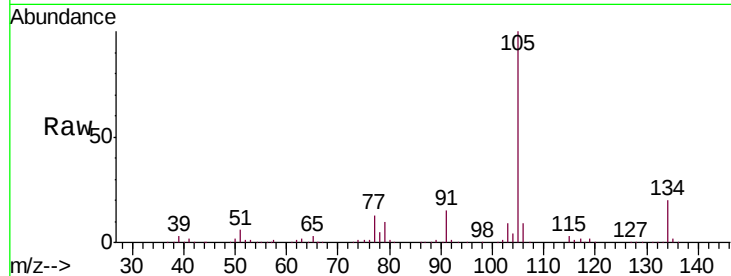




#81
 sec-Butylbenzene
 Concen: 17.679 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

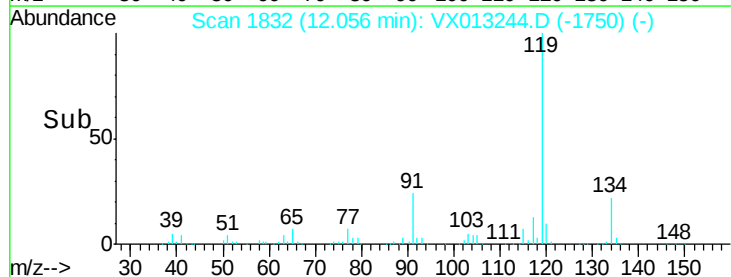
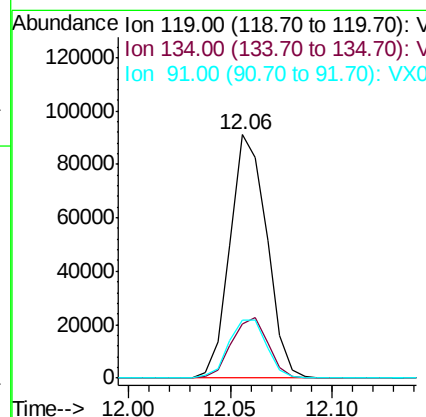
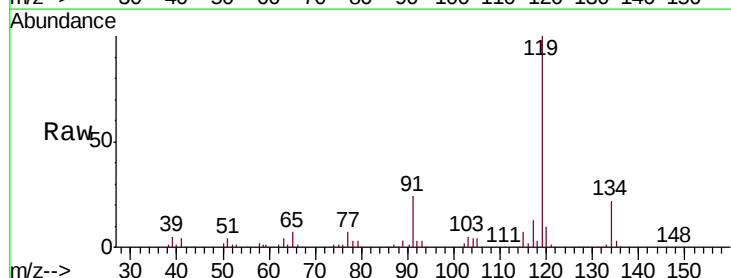
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

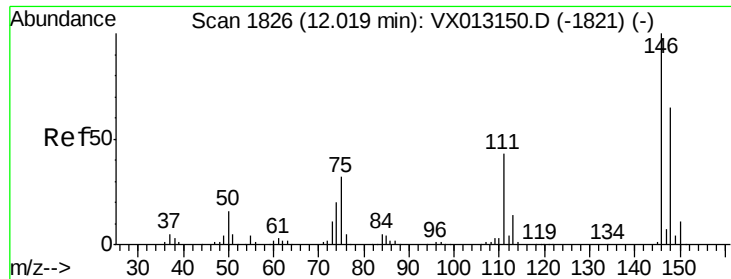
Tgt Ion:105 Resp: 121447
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 18.029 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion:119 Resp: 113243
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.6
 91 24.8 0.0 50.0

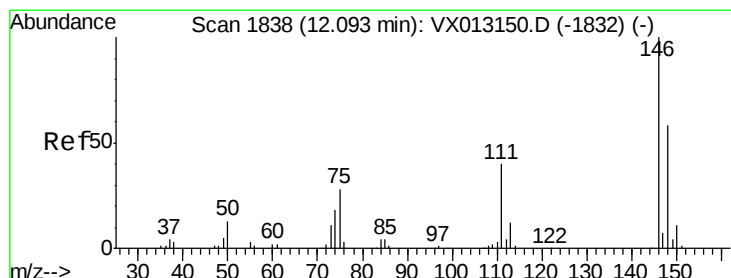
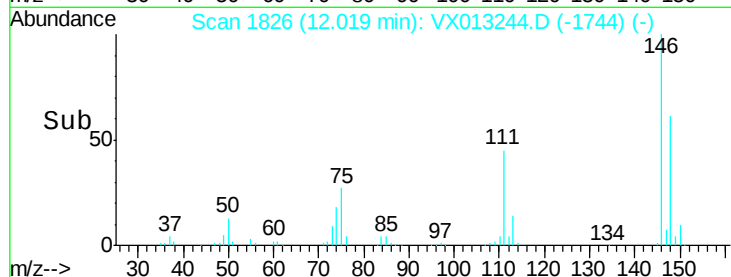
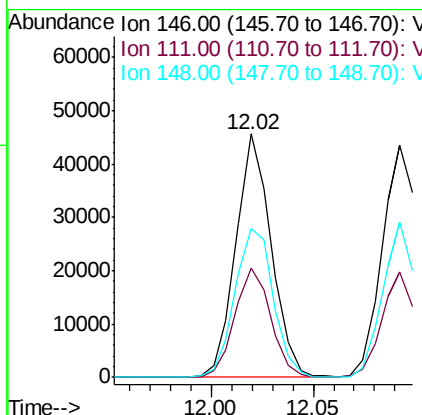
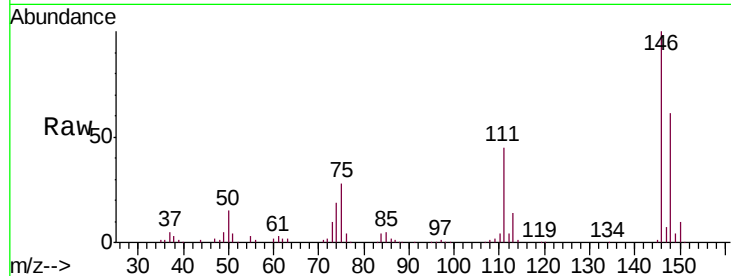




#83
 1,3-Dichlorobenzene
 Concen: 17.561 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

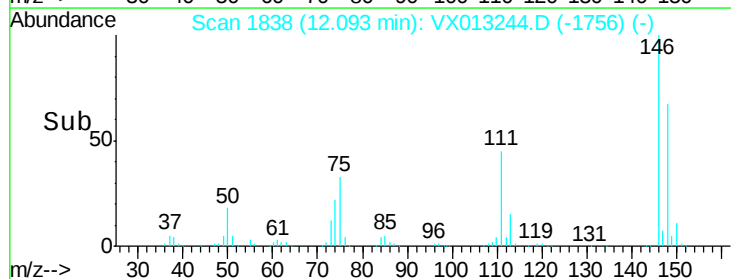
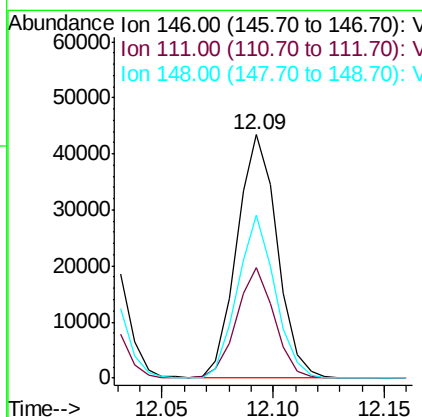
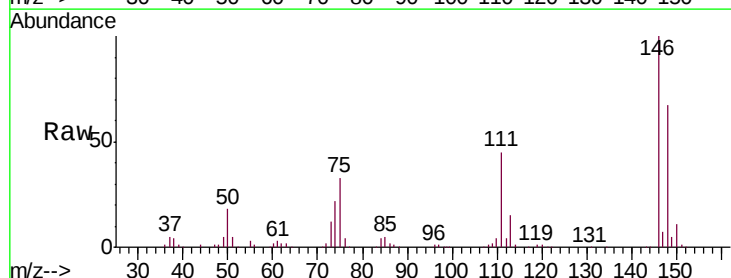
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

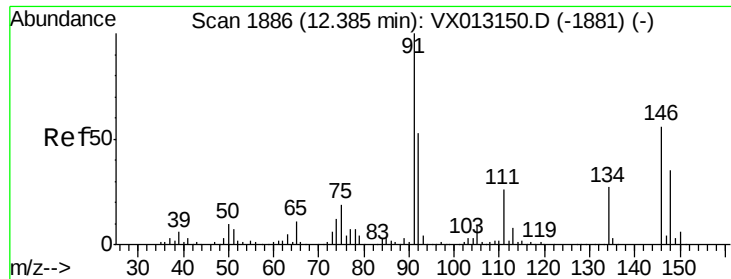
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.8	65.4
148	66.6	31.2	93.6



#84
 1,4-Dichlorobenzene
 Concen: 17.724 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	60.9
148	62.4	31.4	94.2

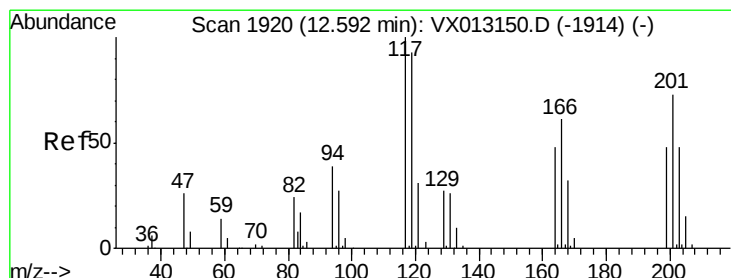
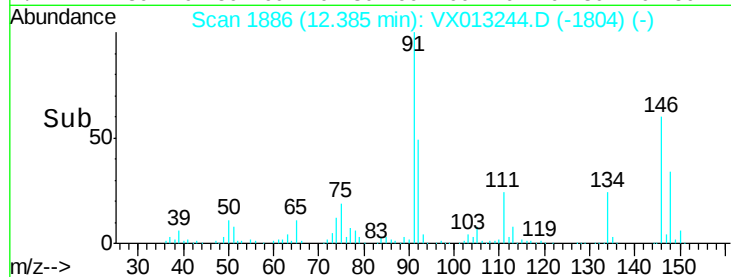
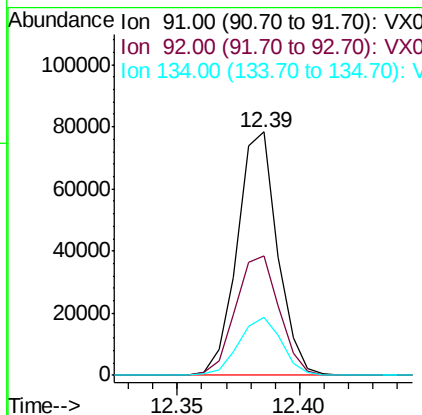
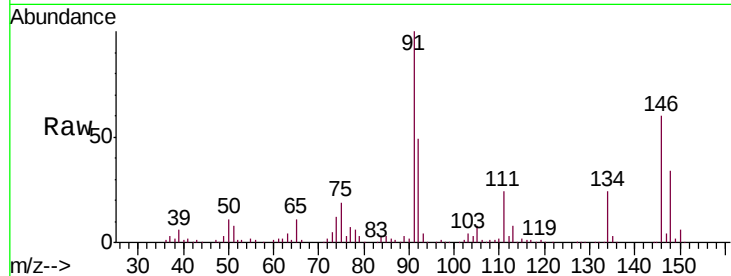




#85
n-Butylbenzene
Concen: 16.757 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

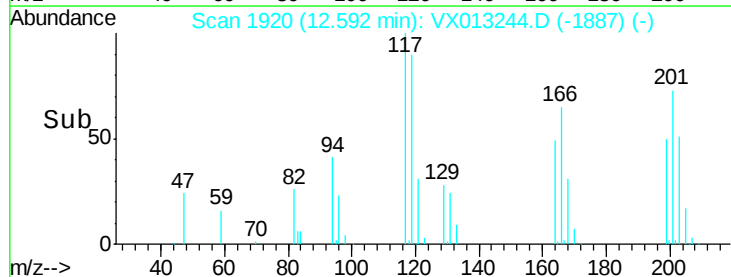
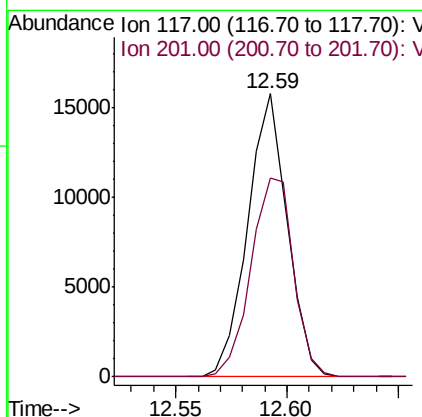
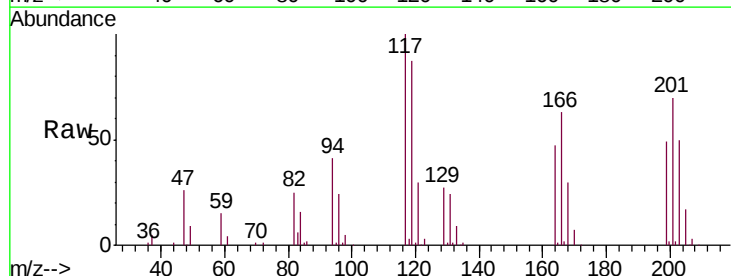
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS02

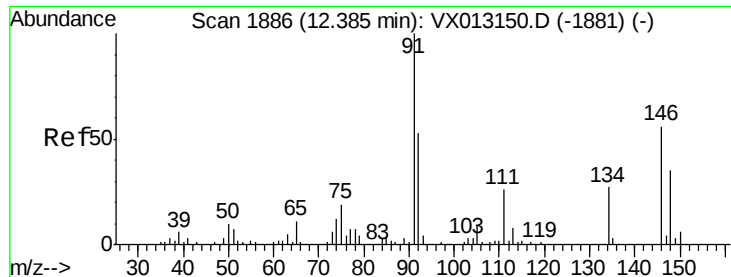
Tgt Ion: 91 Resp: 89406
Ion Ratio Lower Upper
91 100
92 53.5 0.0 106.8
134 25.4 0.0 52.4



#86
Hexachloroethane
Concen: 17.886 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 117 Resp: 19609
Ion Ratio Lower Upper
117 100
201 75.2 35.9 107.5

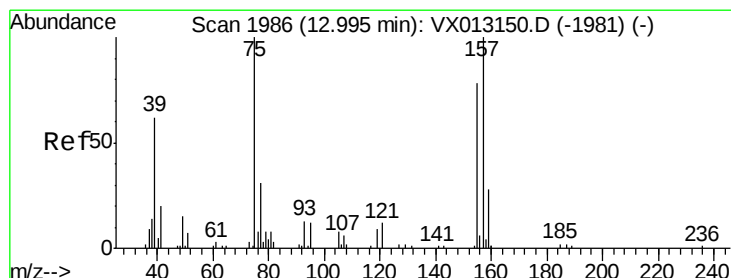
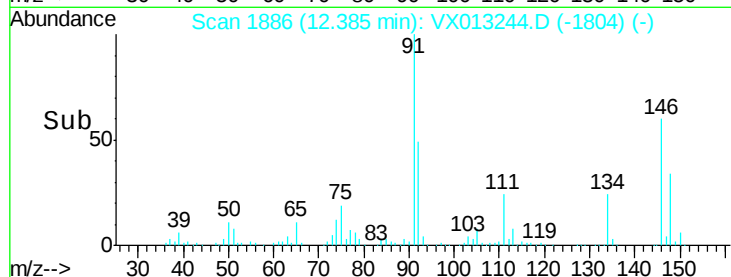
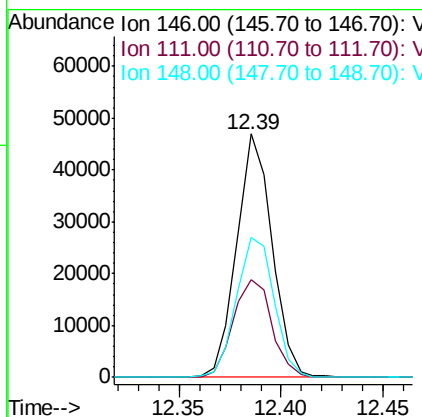
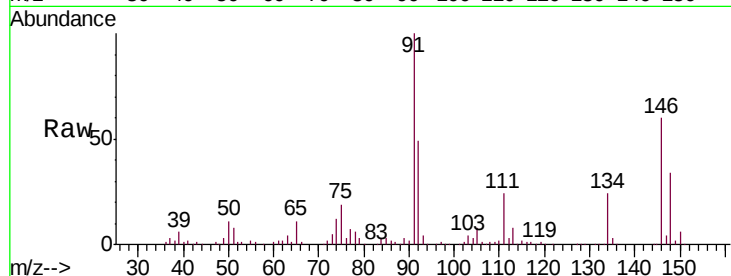




#87
 1,2-Dichlorobenzene
 Concen: 18.651 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

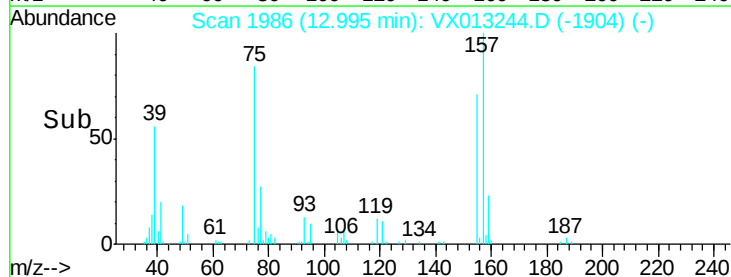
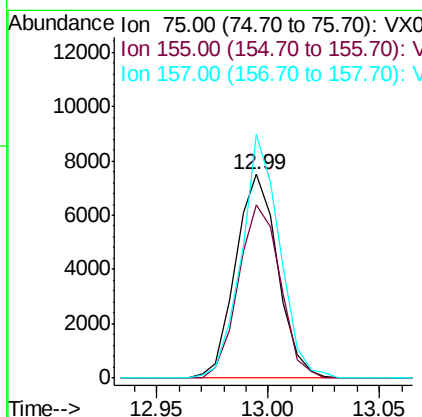
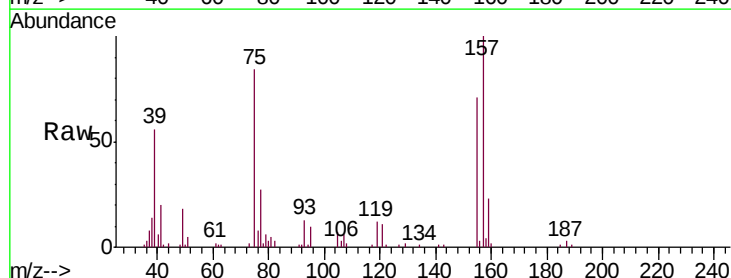
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

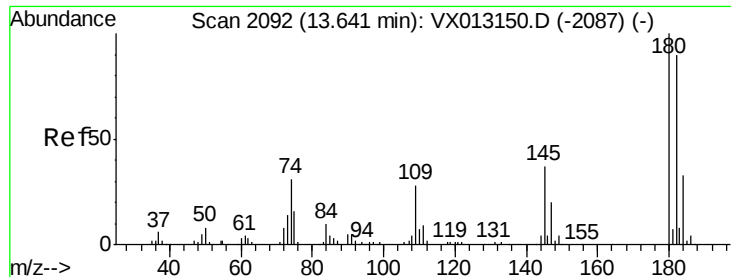
Tgt Ion:146 Resp: 56568
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.5 67.5
 148 61.4 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.368 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 75 Resp: 9894
 Ion Ratio Lower Upper
 75 100
 155 84.2 65.4 98.0
 157 107.8 84.1 126.1

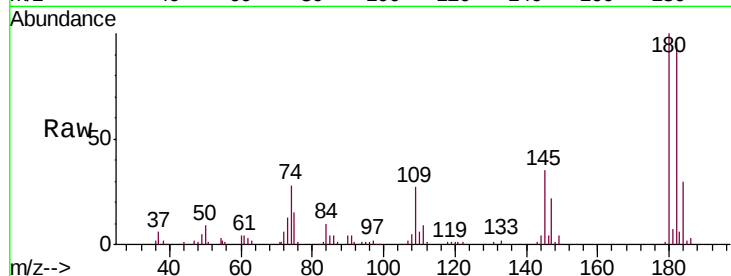




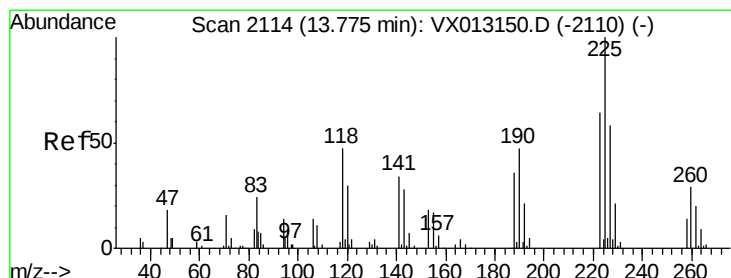
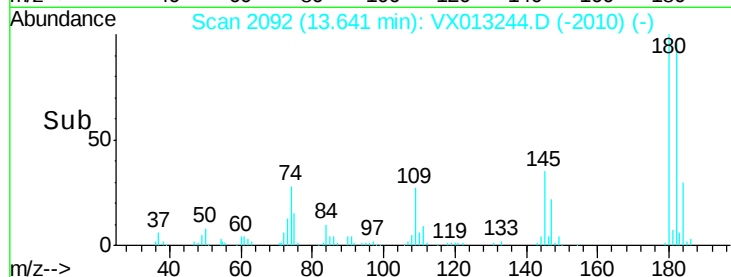
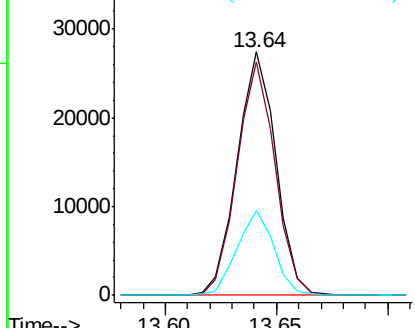
#89
 1,2,4-Trichlorobenzene
 Concen: 17.625 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tgt Ion:180 Resp: 33246
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.1 114.1
 145 33.2 27.4 41.2

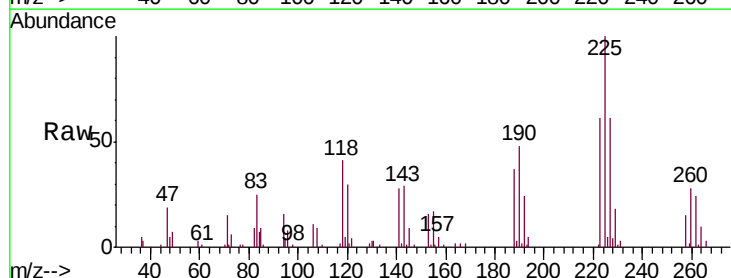


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

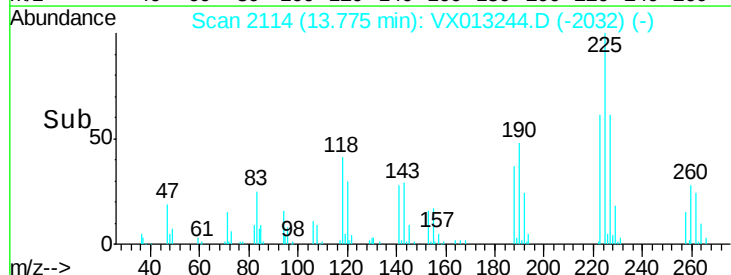
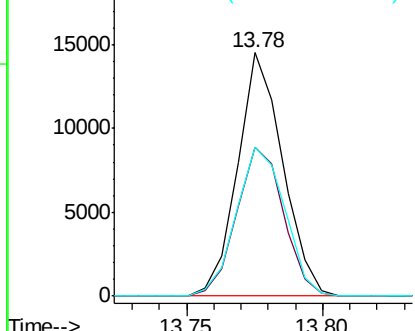


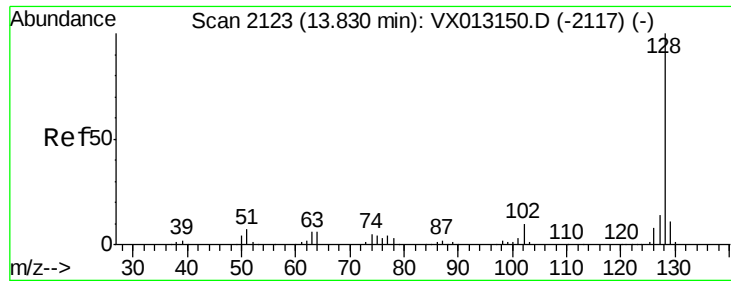
#90
 Hexachlorobutadiene
 Concen: 17.416 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion:225 Resp: 16680
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 131.2
 227 66.2 0.0 127.0



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

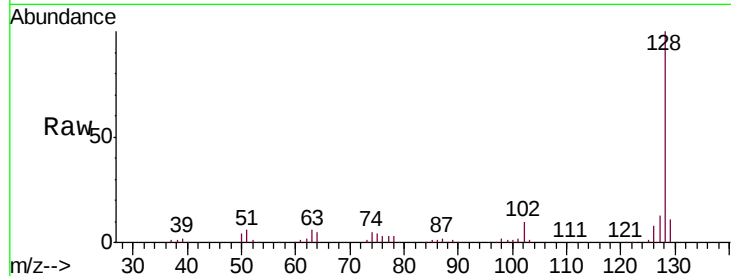




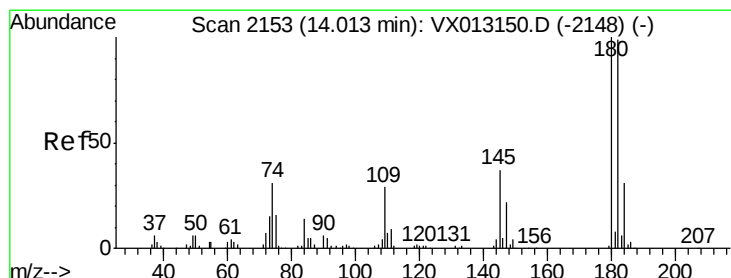
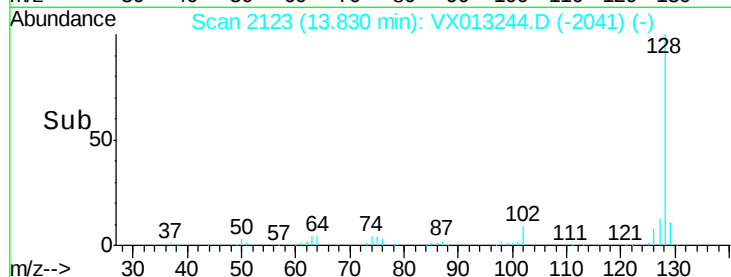
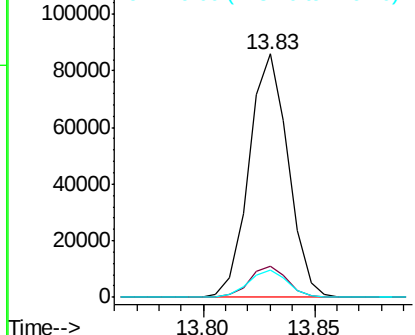
#91
Naphthalene
Concen: 17.187 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tgt Ion:128 Resp: 105460
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.1 8.6 12.8

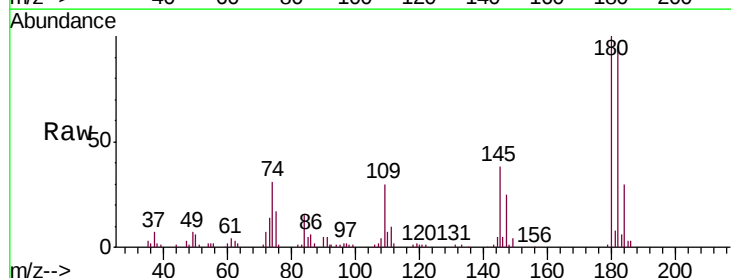


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 17.303 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:180 Resp: 33439
Ion Ratio Lower Upper
180 100
182 96.2 0.0 194.4
145 36.0 0.0 71.2



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

