

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
 Data File : VX013248.D
 Acq On : 28 Oct 2019 15:16
 Operator : JC/SP
 Sample : VX1028WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

Quant Time: Oct 29 15:15:37 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	22668	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	124860	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	112275	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	54788	30.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.33%
60) 4-Bromofluorobenzene	11.14	95	59130	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.71	98	153817	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	29833	18.331 ug/l	96
3) Chloromethane	1.32	50	22896	16.137 ug/l	96
4) Vinyl Chloride	1.40	62	24580	16.756 ug/l	98
5) Bromomethane	1.63	94	15724	19.864 ug/l	97
6) Chloroethane	1.72	64	16618	17.752 ug/l	# 87
7) Trichlorofluoromethane	1.92	101	44474	18.865 ug/l	98
8) Diethyl Ether	2.18	74	14362	17.849 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25939	18.015 ug/l	98
10) 1,1-Dichloroethene	2.36	96	23661	17.015 ug/l	91
11) Methyl Iodide	2.50	142	26974	15.061 ug/l	99
12) Methyl Acetate	2.76	43	32726	18.224 ug/l	94
13) Acrolein	2.28	56	27076	101.290 ug/l	99
14) Acrylonitrile	3.13	53	64977	86.522 ug/l	100
15) Acetone	2.43	58	20896	84.455 ug/l	98
16) Carbon Disulfide	2.56	76	61197	16.479 ug/l	99
17) Allyl chloride	2.72	41	37318	16.871 ug/l	90
18) Methylene Chloride	2.85	84	27904	17.330 ug/l	94
19) trans-1,2-Dichloroethene	3.15	96	26759	18.134 ug/l	91
20) Diisopropyl ether	3.84	45	74687	17.457 ug/l	99
21) 1,1-Dichloroethane	3.69	63	47745	18.380 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	30417	18.076 ug/l	100
23) tert-Butyl Alcohol	3.03	59	33526	84.734 ug/l	# 100
24) Methyl tert-Butyl Ether	3.19	73	86820	18.103 ug/l	98
25) Chloroform	5.20	83	51039	18.698 ug/l	99
26) Cyclohexane	5.57	56	38195	16.758 ug/l	# 96
29) 1,1-Dichloropropene	5.79	75	36396	18.764 ug/l	89
30) 2-Butanone	4.66	43	92578	90.989 ug/l	99
31) 2,2-Dichloropropane	4.58	77	42817	19.093 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	46369	19.755 ug/l	100
33) Carbon Tetrachloride	5.78	117	39654	19.656 ug/l	97
34) Benzene	6.14	78	103933	18.612 ug/l	98
35) Methacrylonitrile	5.02	41	8993	8.619 ug/l	93
36) 1,2-Dichloroethane	6.18	62	42538	20.152 ug/l	99
37) Trichloroethene	7.20	130	29379	18.968 ug/l	99
38) Methylcyclohexane	7.46	83	42624	18.018 ug/l	97
39) 1,2-Dichloropropane	7.51	63	25855	18.864 ug/l	99
40) Dibromomethane	7.65	93	18578	18.976 ug/l	98

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Quant Time: Oct 29 15:15:37 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)
41) Bromodichloromethane	7.89	83	38638	19.573	ug/l	96
42) Vinyl Acetate	3.80	43	323717	91.749	ug/l	99
43) Ethyl Acetate	4.83	43	35356	19.052	ug/l	96
44) Isopropyl Acetate	6.43	43	56916	18.249	ug/l	99
45) 1,4-Dioxane	7.73	88	14005	355.065	ug/l	97
46) Methyl methacrylate	7.76	41	27177	17.708	ug/l	94
47) n-amyl Acetate	10.89	43	45805	17.422	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	39732	18.349	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	43395	18.418	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	27714	19.169	ug/l	97
51) Ethyl methacrylate	9.17	69	42378	18.694	ug/l	95
52) 1,3-Dichloropropane	9.37	76	45955	18.875	ug/l	100
53) Dibromochloromethane	9.58	129	30207	19.369	ug/l	98
54) 1,2-Dibromoethane	9.67	107	29501	19.084	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	89214	96.879	ug/l	99
56) Bromoform	10.85	173	20851	18.845	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	173090	91.491	ug/l	98
59) 2-Hexanone	9.48	43	133384	89.961	ug/l	99
61) Tetrachloroethene	9.33	164	29966	20.133	ug/l	95
62) Toluene	8.78	91	114070	18.821	ug/l	99
64) Chlorobenzene	10.14	112	72510	18.658	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	28646	19.678	ug/l	99
66) Ethyl Benzene	10.25	91	130262	18.674	ug/l	100
67) m/p-Xylenes	10.35	106	97763	36.875	ug/l	96
68) o-Xylene	10.70	106	46132	18.228	ug/l	99
69) Styrene	10.71	104	81923	18.810	ug/l	99
70) Isopropylbenzene	11.01	105	131475	18.932	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	38816	18.240	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	46918	25.384	ug/l	91
73) Bromobenzene	11.25	156	30865	18.520	ug/l	100
74) n-propylbenzene	11.35	91	140759	18.466	ug/l	99
75) 2-Chlorotoluene	11.42	91	89730	18.813	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	112827	19.354	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	12026	16.758	ug/l	97
78) 4-Chlorotoluene	11.51	91	103940	19.072	ug/l	97
79) tert-butylbenzene	11.76	119	98520	17.551	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	113163	19.431	ug/l	97
81) sec-Butylbenzene	11.94	105	122080	18.255	ug/l	97
82) p-Isopropyltoluene	12.06	119	114170	18.672	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	56088	18.428	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	53998	17.939	ug/l	97
85) n-Butylbenzene	12.39	91	90627	17.449	ug/l	98
86) Hexachloroethane	12.59	117	18541	17.373	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	55029	18.638	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	9877	18.836	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	31449	17.127	ug/l	96
90) Hexachlorobutadiene	13.78	225	17250	18.503	ug/l	99
91) Naphthalene	13.83	128	104118	17.432	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	33153	17.623	ug/l	98

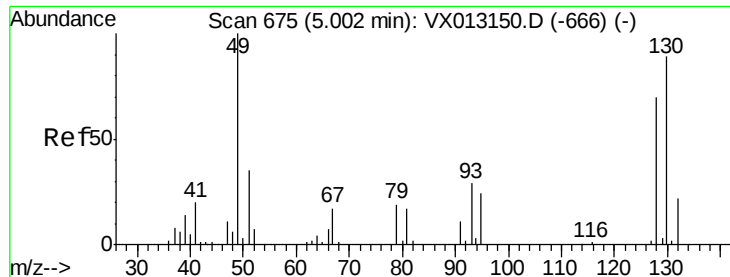
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
Data File : VX013248.D
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Instrument :
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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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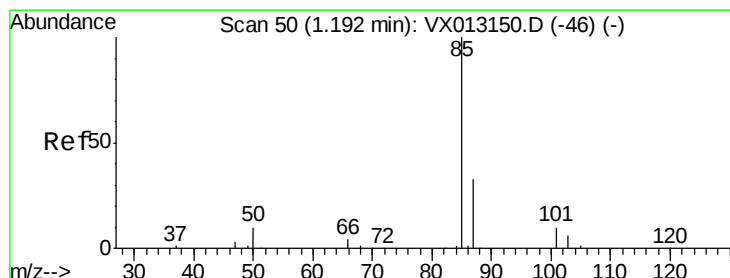
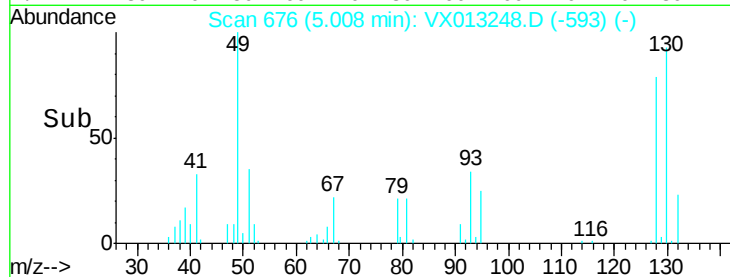
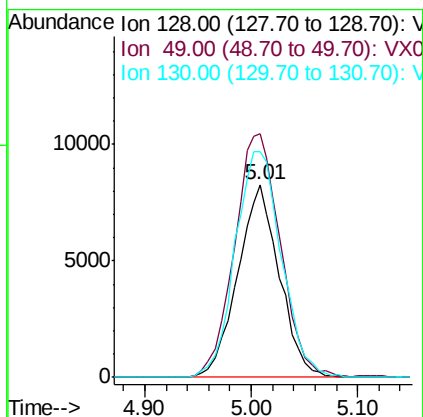
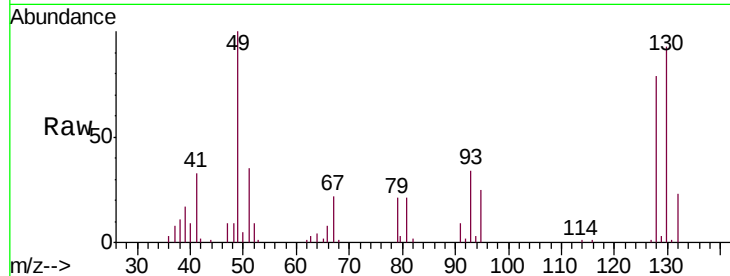
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

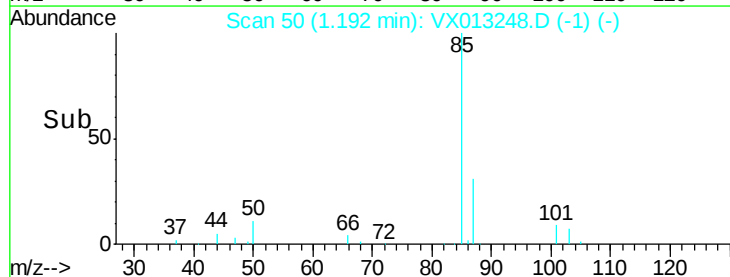
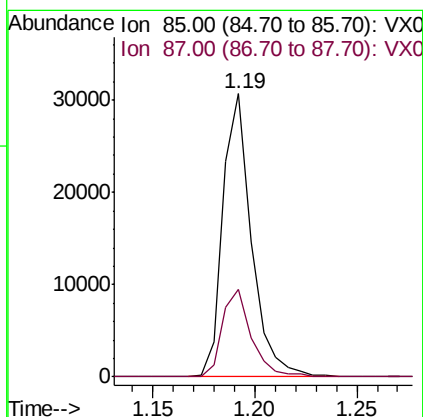
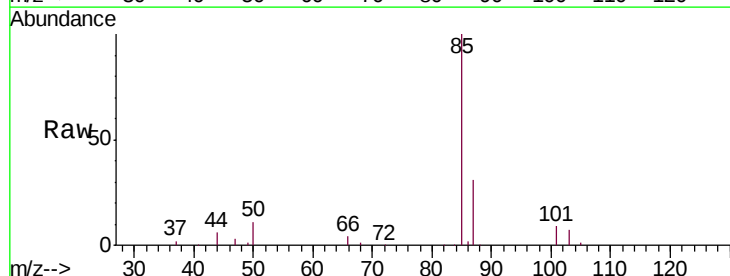
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

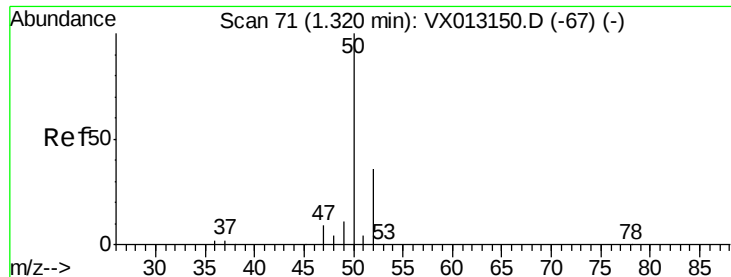
Tgt Ion:128 Resp: 22668
 Ion Ratio Lower Upper
 128 100
 49 139.3 0.0 367.3
 130 130.6 0.0 325.0



#2
 Dichlorodifluoromethane
 Concen: 18.331 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 85 Resp: 29833
 Ion Ratio Lower Upper
 85 100
 87 31.0 16.6 49.7





#3

Chloromethane

Concen: 16.137 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

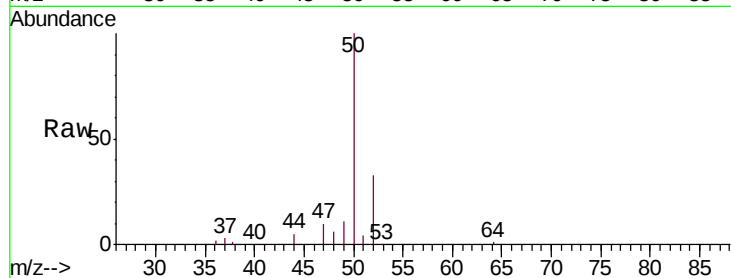
VX1028WBSD02

Tgt Ion: 50 Resp: 22896

Ion Ratio Lower Upper

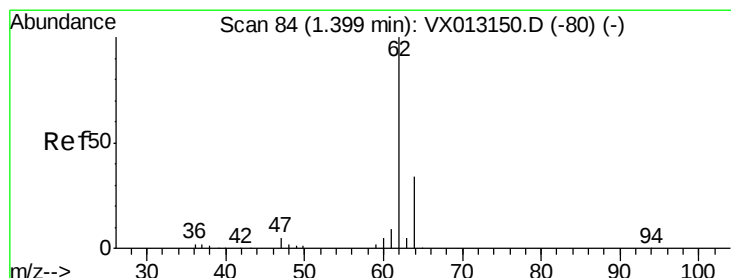
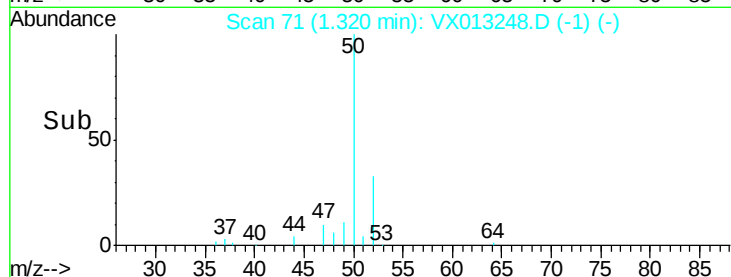
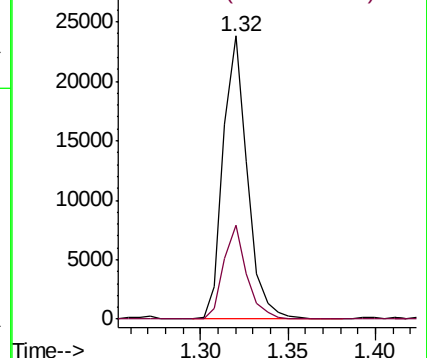
50 100

52 33.1 28.6 42.8



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 16.756 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013248.D

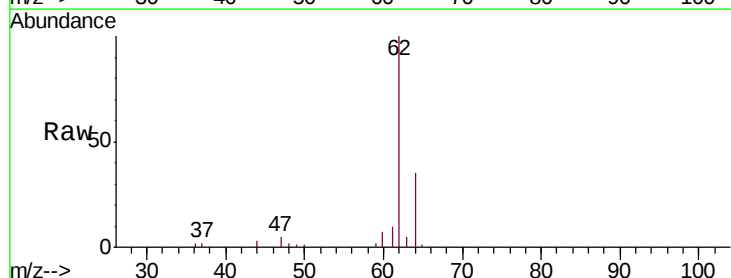
Acq: 28 Oct 2019 15:16

Tgt Ion: 62 Resp: 24580

Ion Ratio Lower Upper

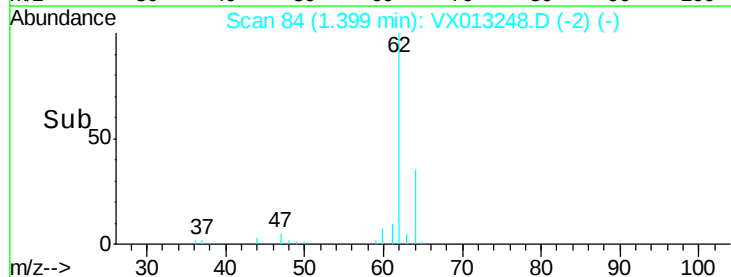
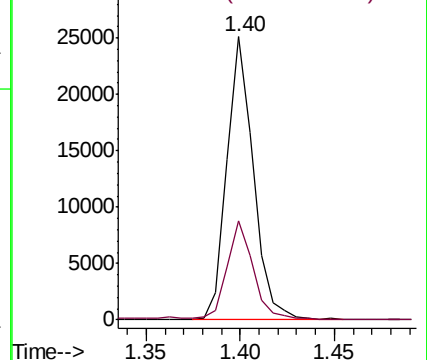
62 100

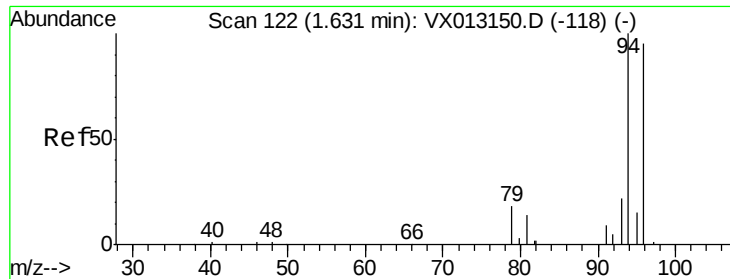
64 35.1 27.3 40.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

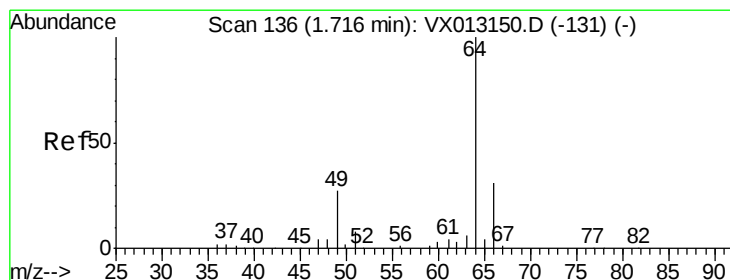
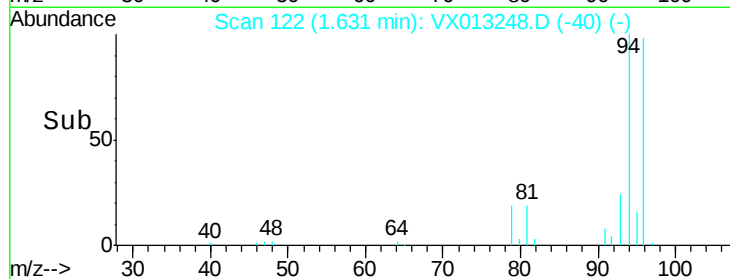
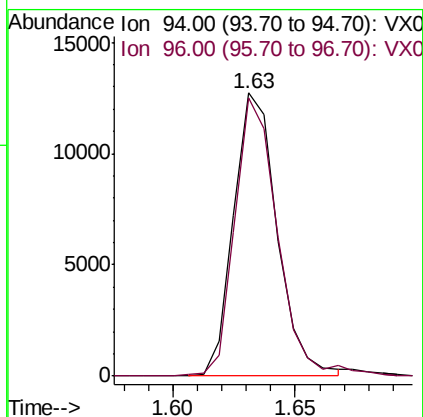
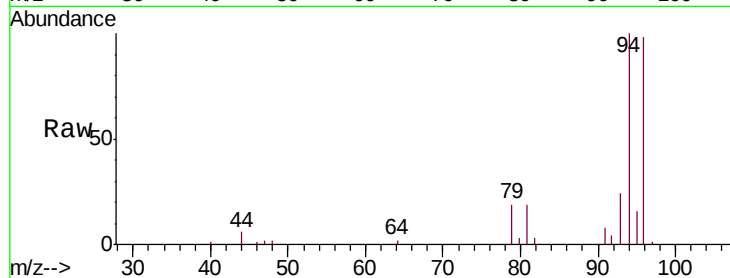




#5
Bromomethane
Concen: 19.864 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

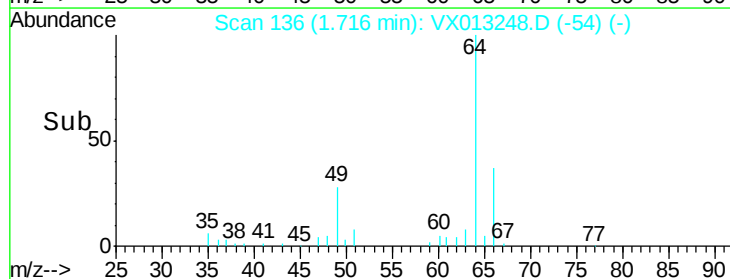
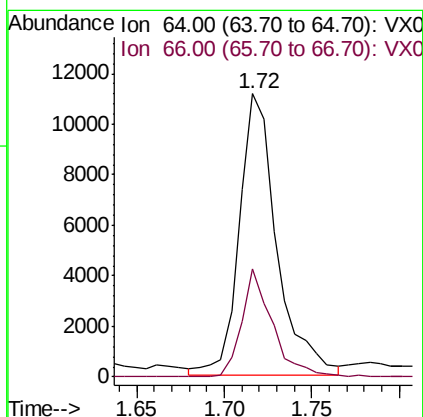
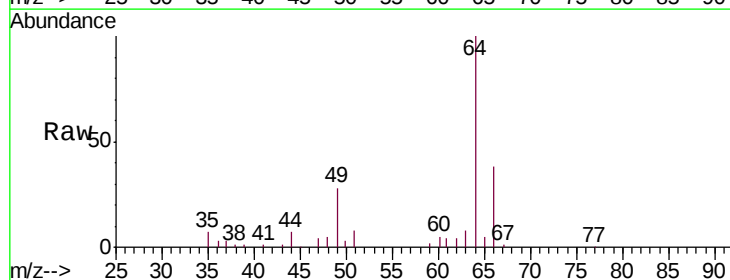
Instrument :
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ClientSampleId :
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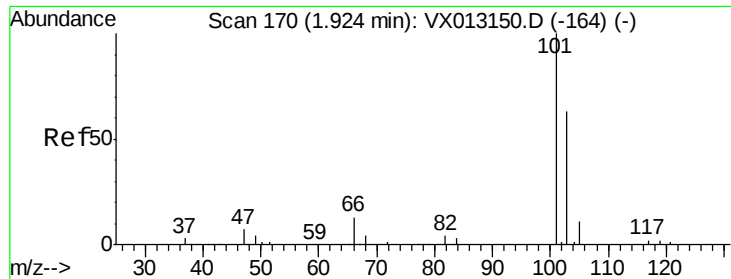
Tgt Ion: 94 Resp: 15724
Ion Ratio Lower Upper
94 100
96 97.6 75.9 113.9



#6
Chloroethane
Concen: 17.752 ug/l
RT: 1.72 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 64 Resp: 16618
Ion Ratio Lower Upper
64 100
66 39.1 25.4 38.2#



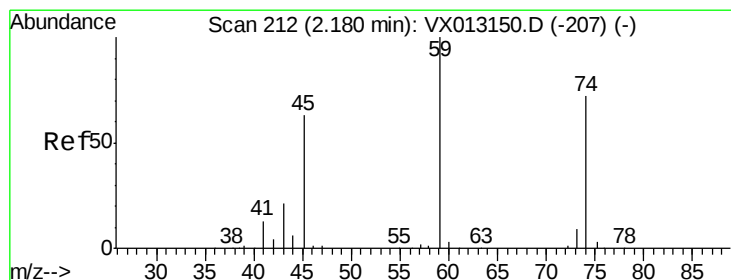
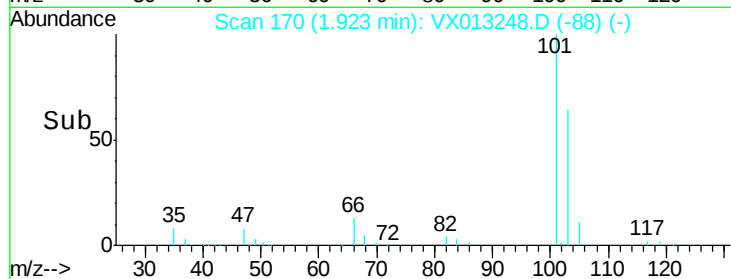
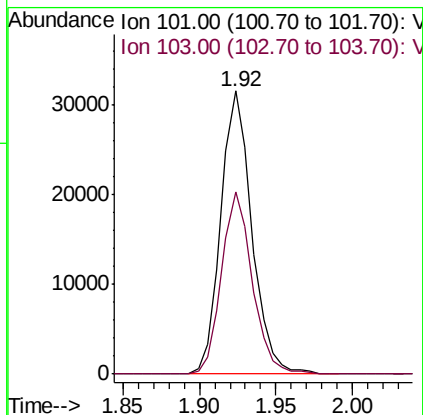
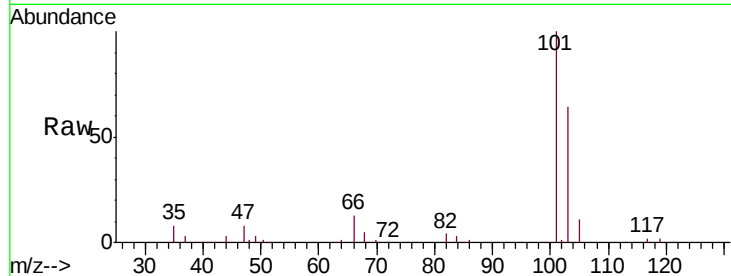


#7

Trichlorofluoromethane
 Concen: 18.865 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

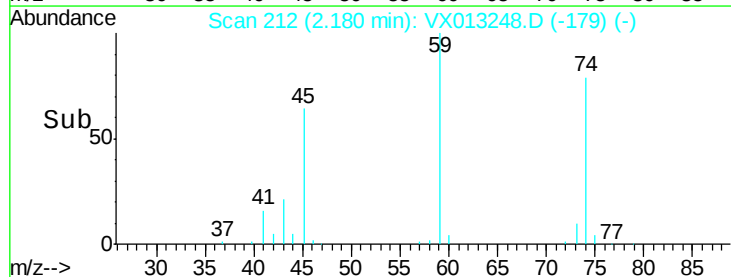
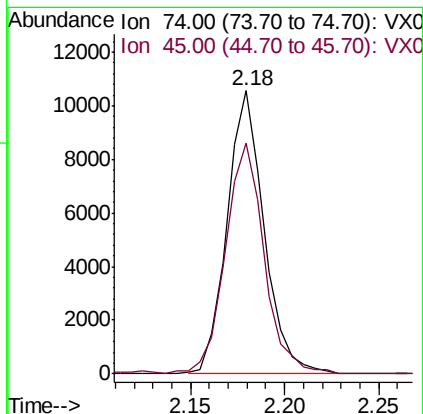
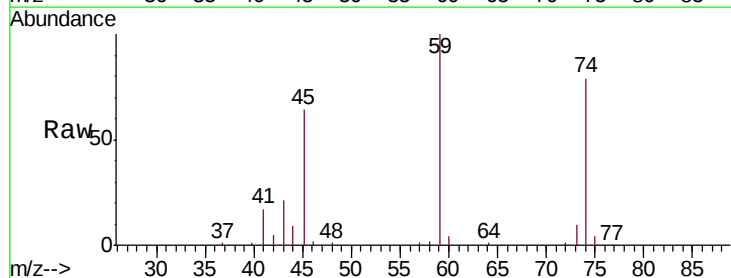
Tgt Ion:101 Resp: 44474
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.2 75.4

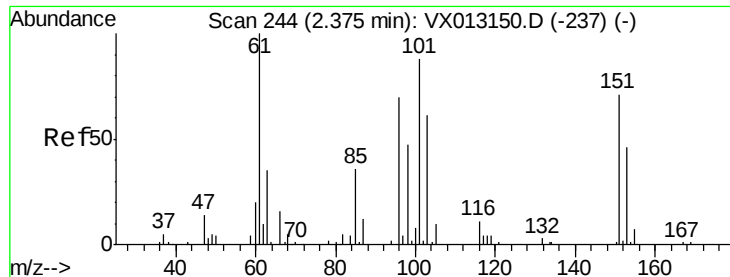


#8

Diethyl Ether
 Concen: 17.849 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 74 Resp: 14362
 Ion Ratio Lower Upper
 74 100
 45 85.4 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.015 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

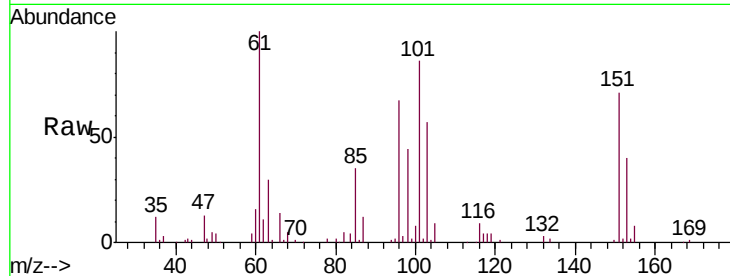
Tgt Ion:101 Resp: 25939

Ion Ratio Lower Upper

101 100

85 42.2 0.0 87.2

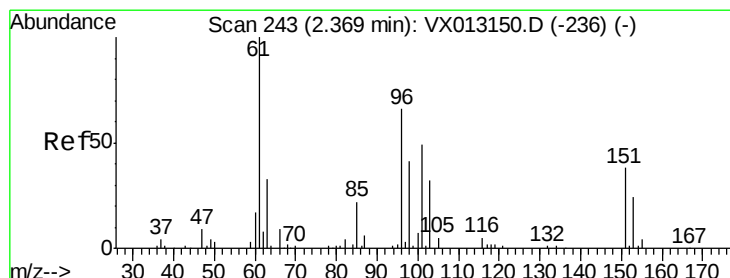
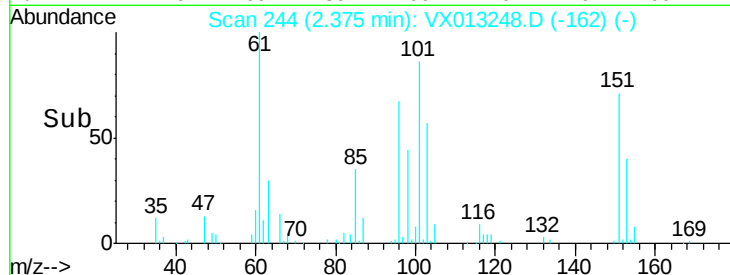
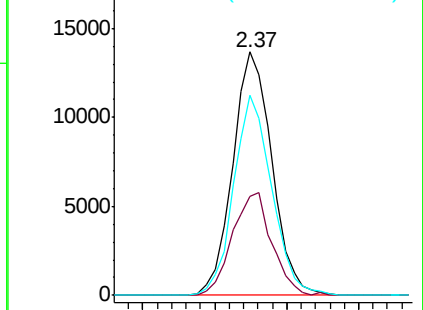
151 79.7 0.0 163.0



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: 17.015 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

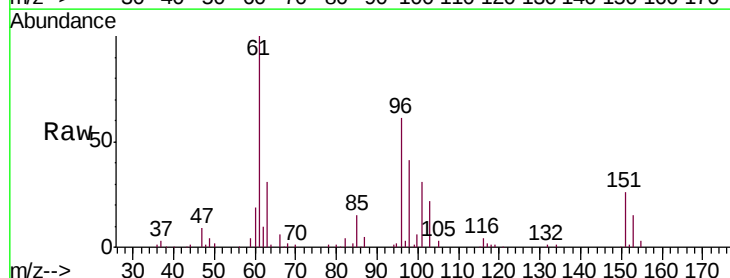
Tgt Ion: 96 Resp: 23661

Ion Ratio Lower Upper

96 100

61 164.5 121.3 181.9

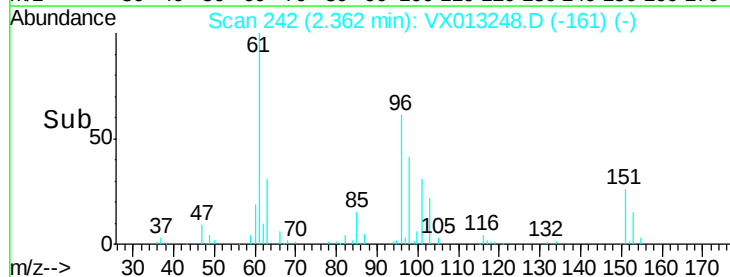
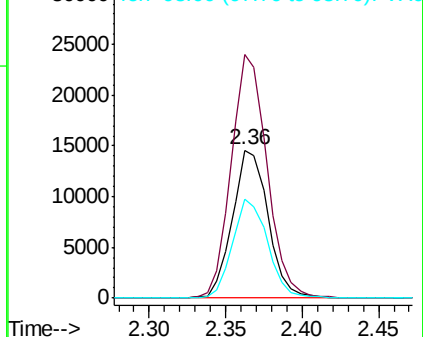
98 66.8 49.5 74.3

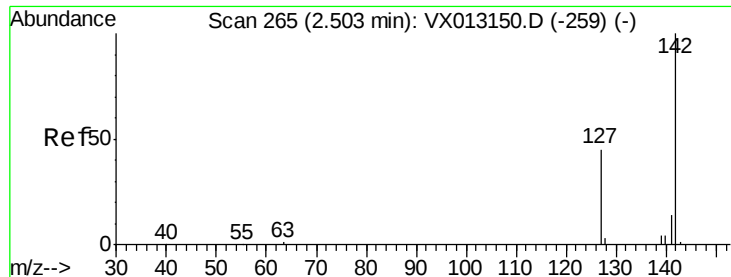


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

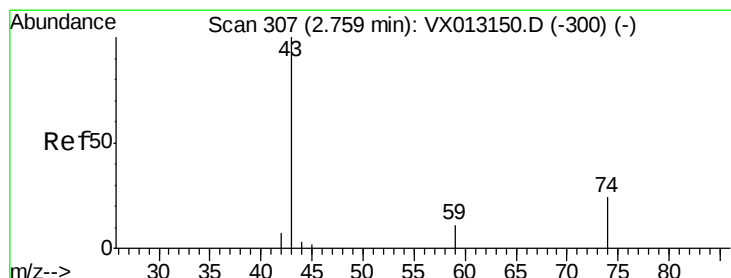
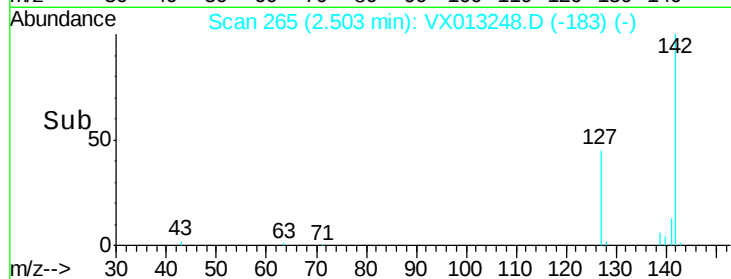
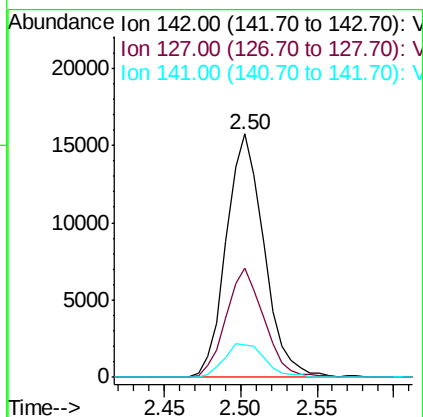
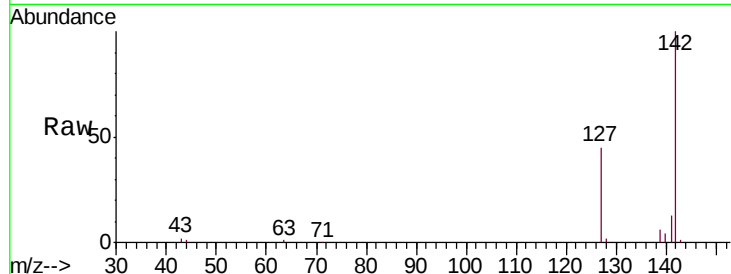




#11
Methyl Iodide
Concen: 15.061 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

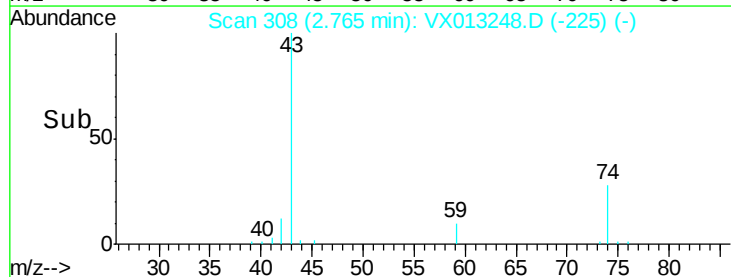
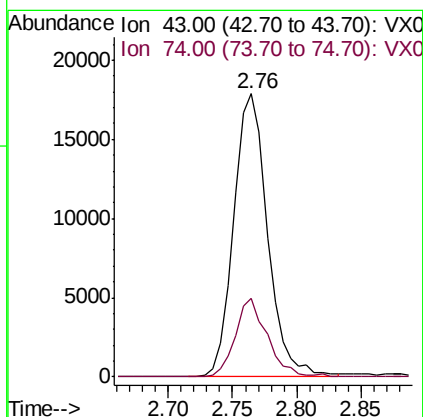
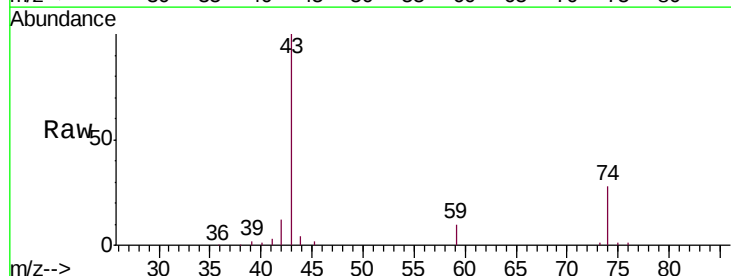
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

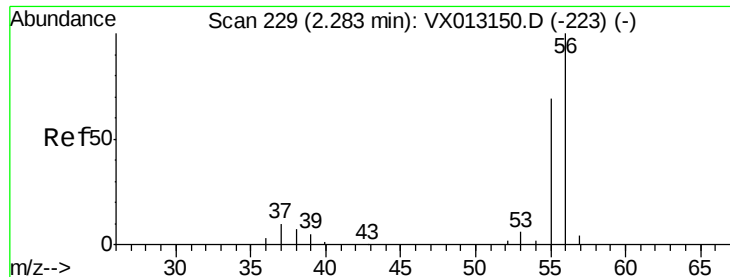
Tgt Ion:142 Resp: 26974
Ion Ratio Lower Upper
142 100
127 44.8 22.3 66.9
141 13.5 7.1 21.3



#12
Methyl Acetate
Concen: 18.224 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 43 Resp: 32726
Ion Ratio Lower Upper
43 100
74 27.6 19.7 29.5





#13

Acrolein

Concen: 101.290 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

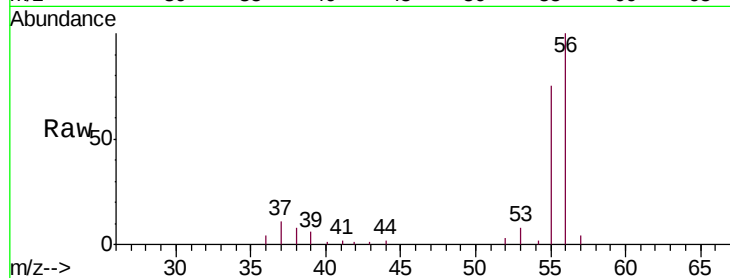
VX1028WBSD02

Tgt Ion: 56 Resp: 27076

Ion Ratio Lower Upper

56 100

55 70.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

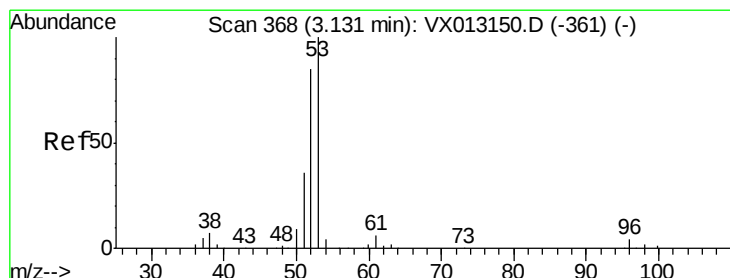
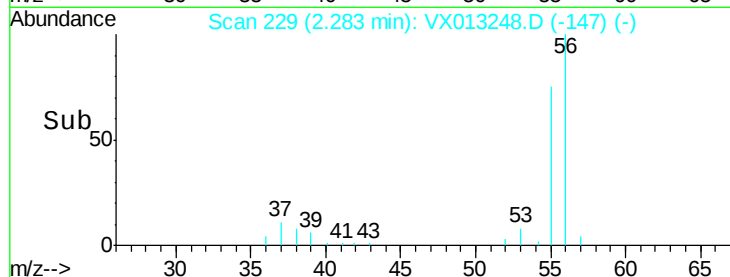
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 86.522 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

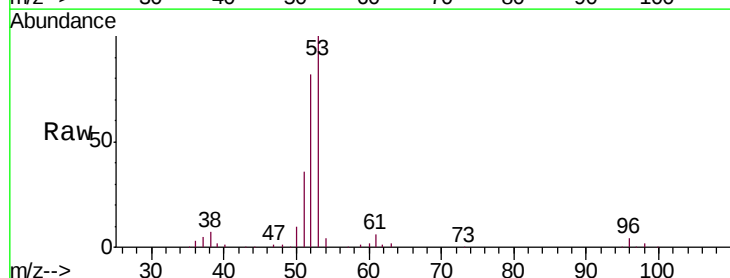
Tgt Ion: 53 Resp: 64977

Ion Ratio Lower Upper

53 100

52 84.0 42.0 126.0

51 38.0 18.6 56.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

40000

30000

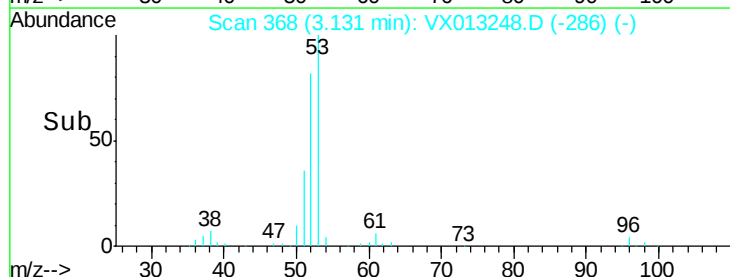
20000

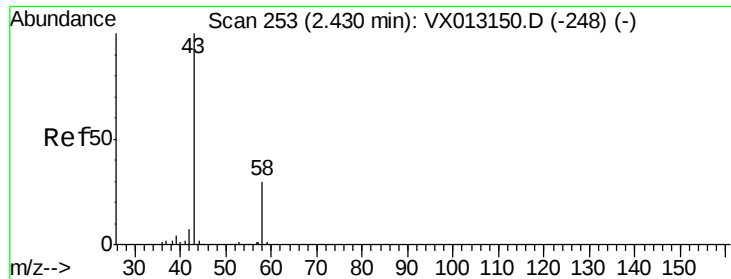
10000

0

Time-->

3.10 3.20





#15

Acetone

Concen: 84.455 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

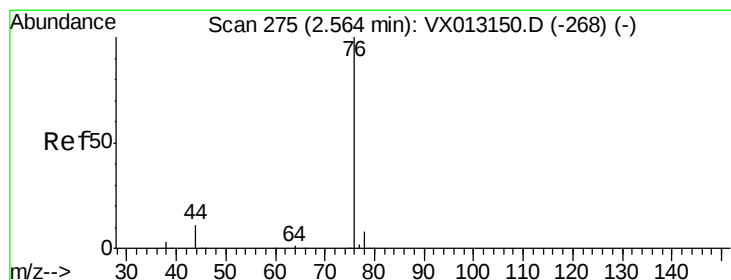
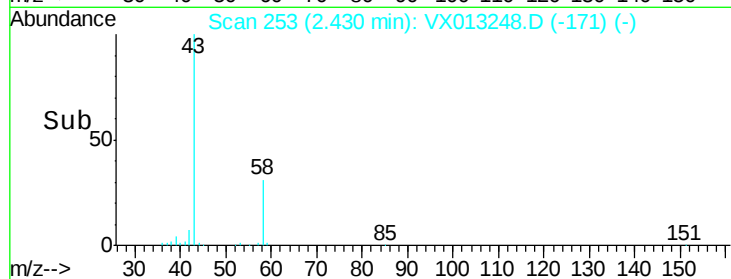
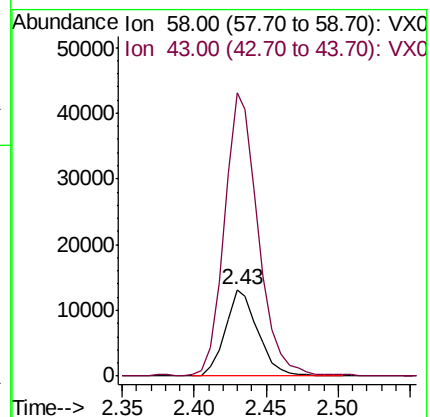
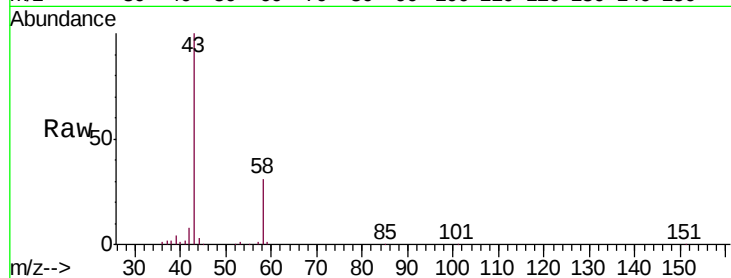
VX1028WBSD02

Tgt Ion: 58 Resp: 20896

Ion Ratio Lower Upper

58 100

43 325.0 262.8 394.2



#16

Carbon Disulfide

Concen: 16.479 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013248.D

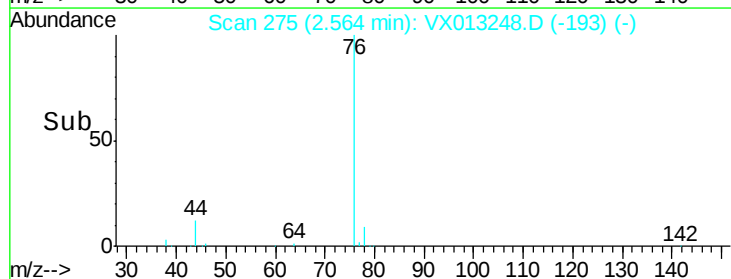
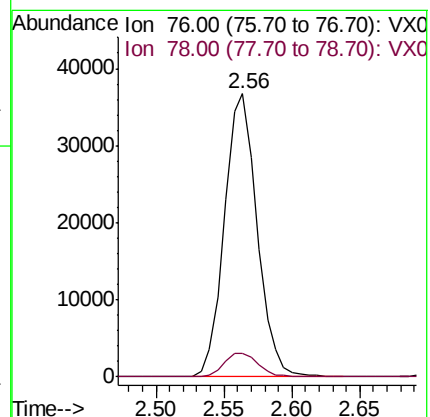
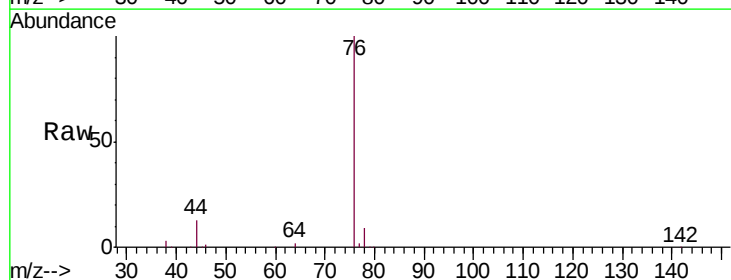
Acq: 28 Oct 2019 15:16

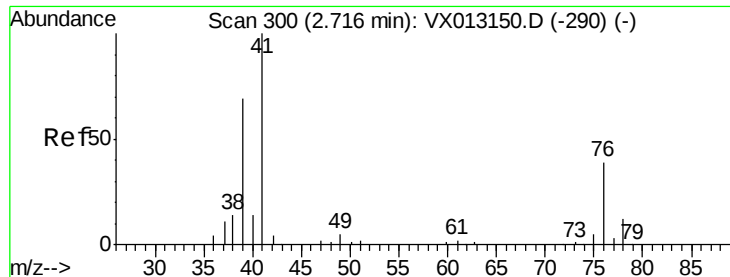
Tgt Ion: 76 Resp: 61197

Ion Ratio Lower Upper

76 100

78 8.5 6.6 10.0





#17

Allyl chloride

Concen: 16.871 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

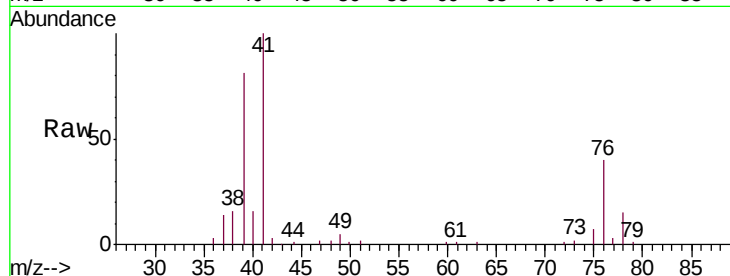
Tgt Ion: 41 Resp: 37318

Ion Ratio Lower Upper

41 100

39 80.9 34.7 104.1

76 40.4 19.7 59.0

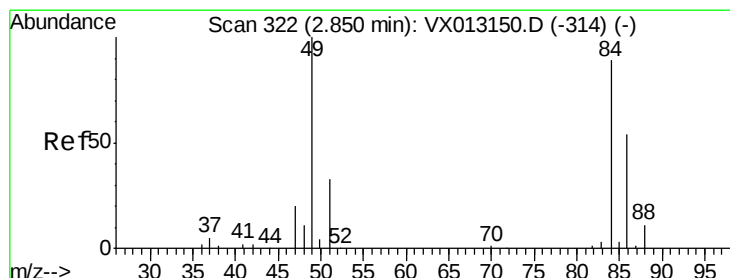
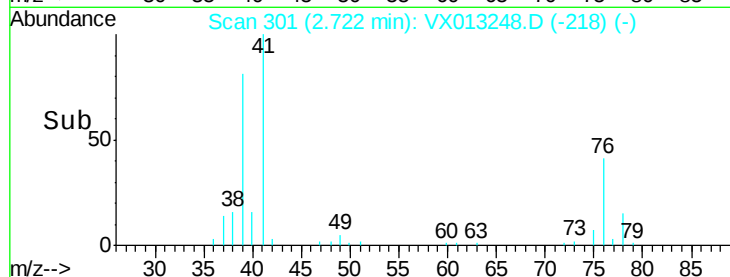
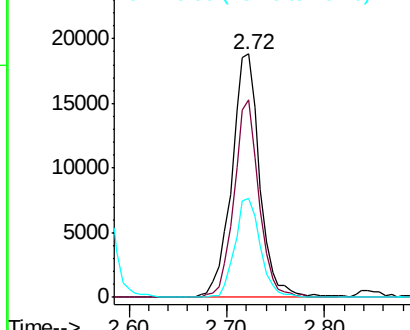


Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 17.330 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Tgt Ion: 84 Resp: 27904

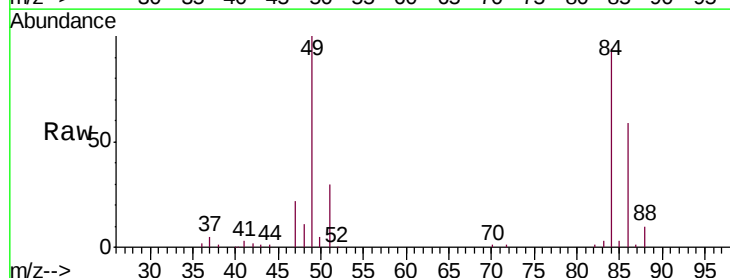
Ion Ratio Lower Upper

84 100

49 106.1 90.3 135.5

51 31.5 29.9 44.9

86 62.5 49.0 73.4



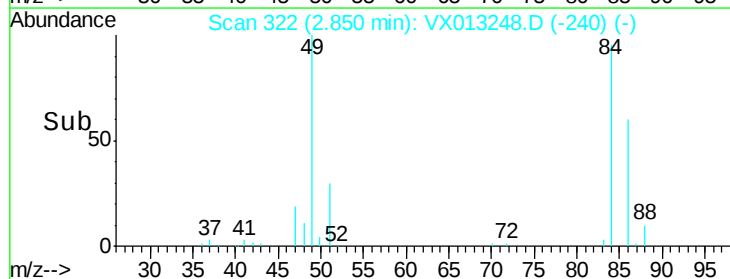
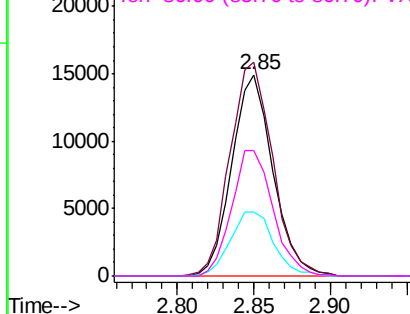
Abundance

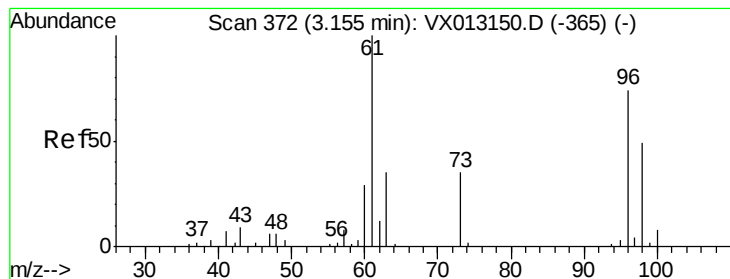
Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 18.134 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

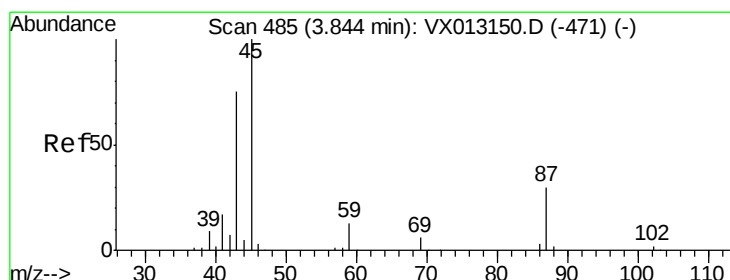
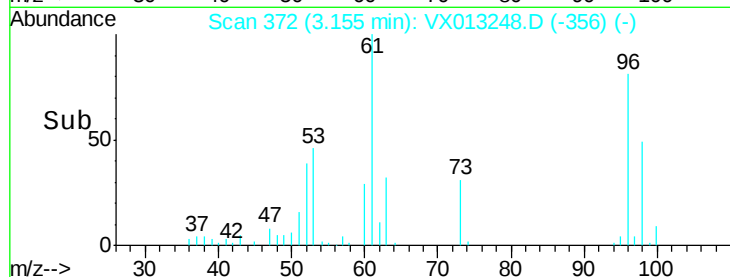
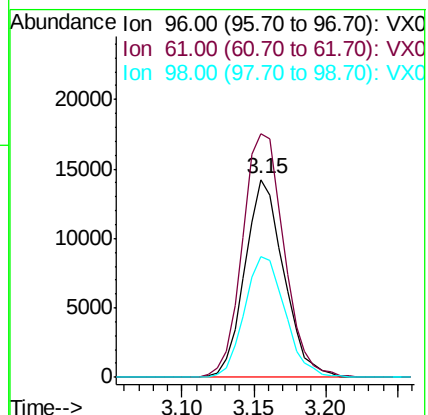
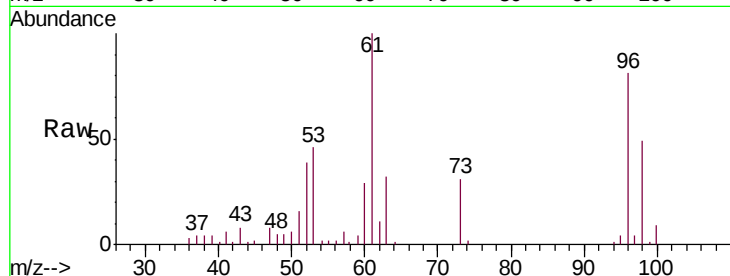
Tgt Ion: 96 Resp: 26759

Ion Ratio Lower Upper

96 100

61 123.2 108.6 162.8

98 61.0 53.4 80.0



#20

Diisopropyl ether

Concen: 17.457 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Tgt Ion: 45 Resp: 74687

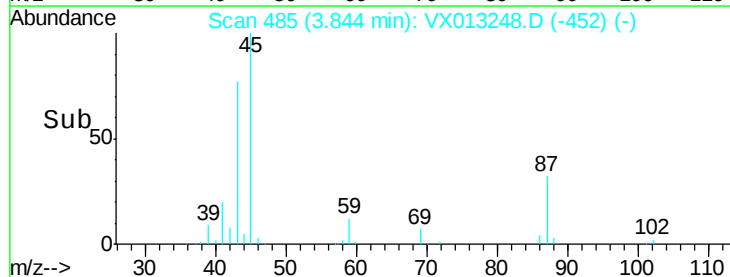
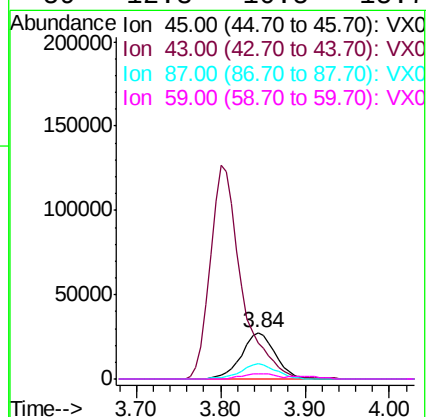
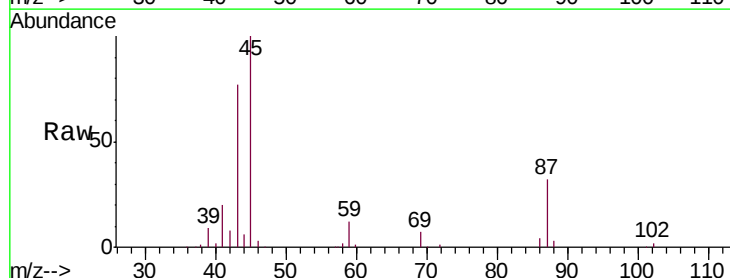
Ion Ratio Lower Upper

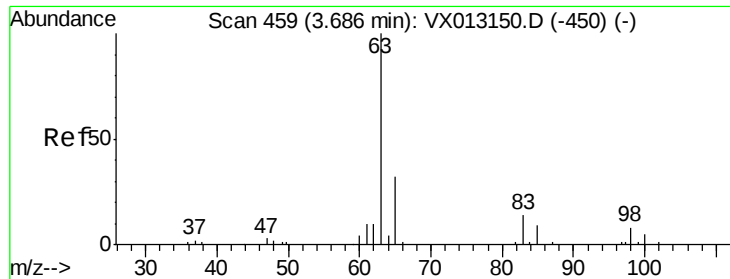
45 100

43 75.6 60.6 91.0

87 32.0 24.2 36.2

59 12.3 10.5 15.7

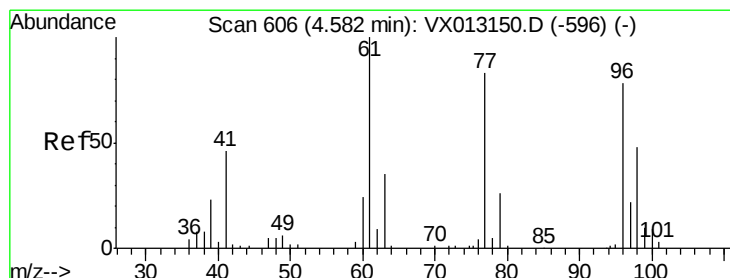
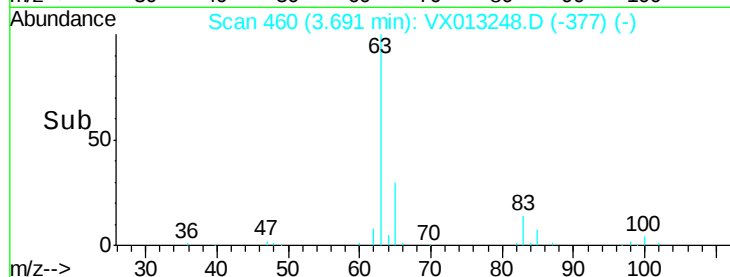
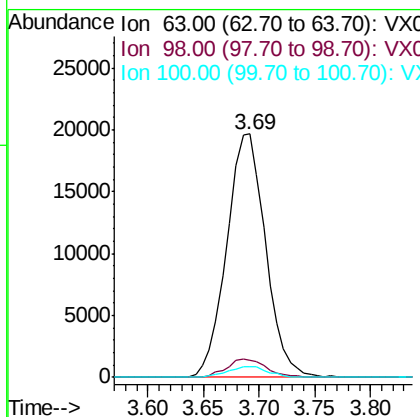
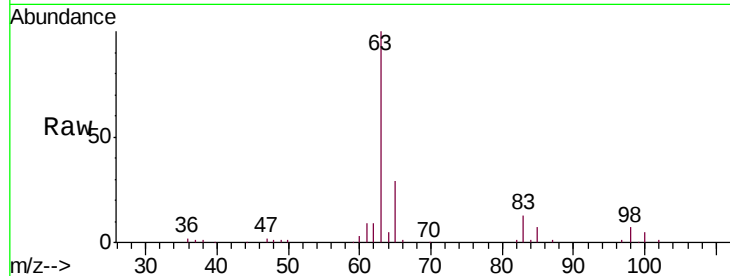




#21
 1,1-Dichloroethane
 Concen: 18.380 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

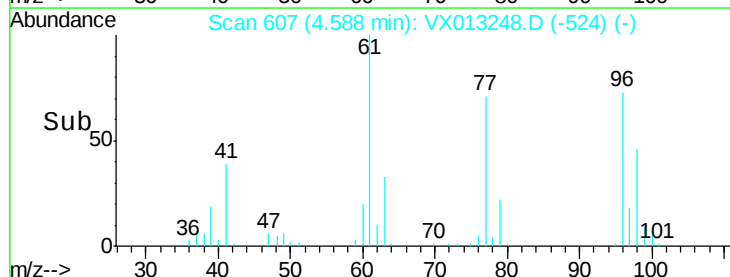
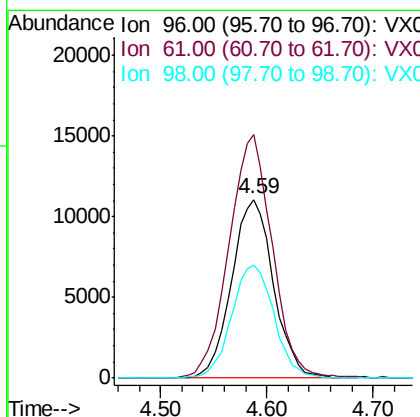
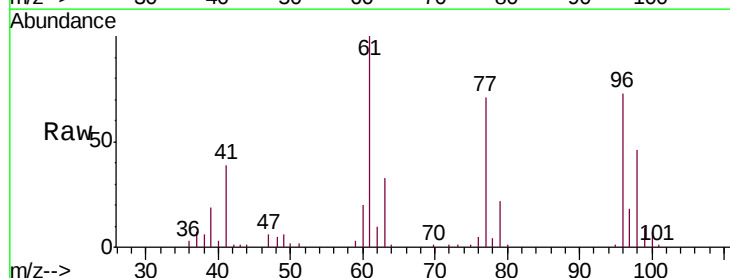
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1028WBSD02

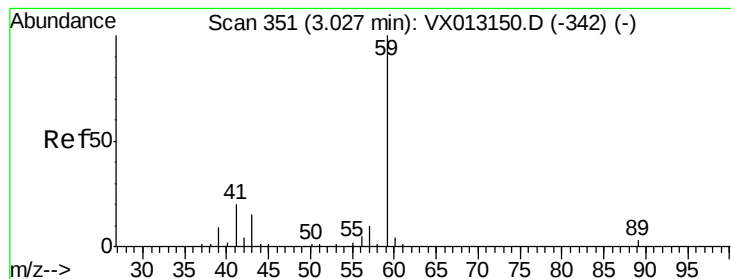
Tgt Ion: 63 Resp: 47745
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.4
 100 4.6 2.4 7.2



#22
 cis-1,2-Dichloroethene
 Concen: 18.076 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 96 Resp: 30417
 Ion Ratio Lower Upper
 96 100
 61 140.2 112.5 168.7
 98 64.2 51.2 76.8





#23

tert-Butyl Alcohol

Concen: 84.734 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

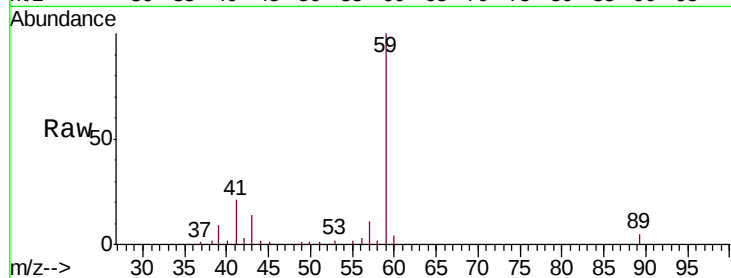
VX1028WBSD02

Tgt Ion: 59 Resp: 33526

Ion Ratio Lower Upper

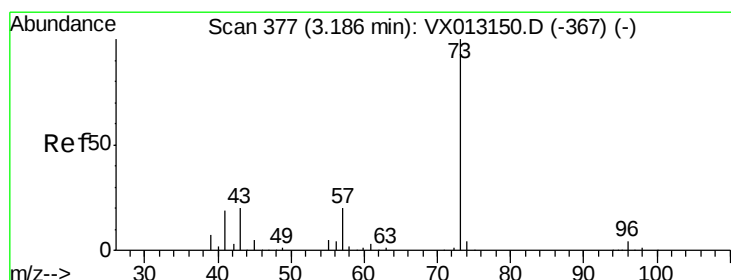
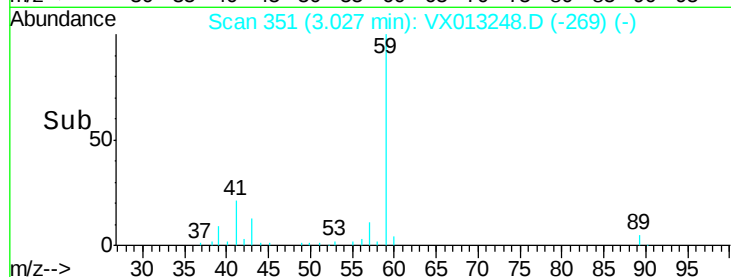
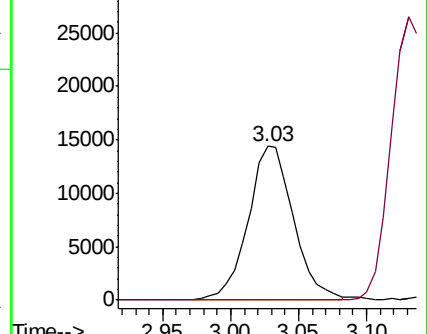
59 100

52 0.0 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: 18.103 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX013248.D

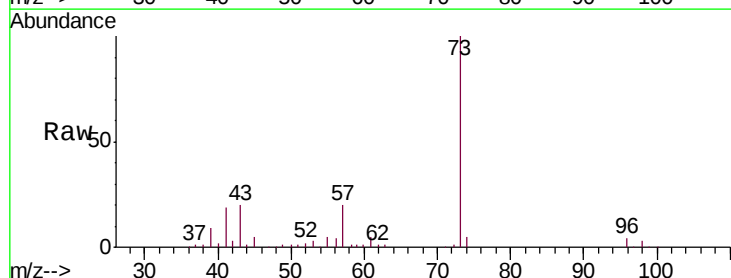
Acq: 28 Oct 2019 15:16

Tgt Ion: 73 Resp: 86820

Ion Ratio Lower Upper

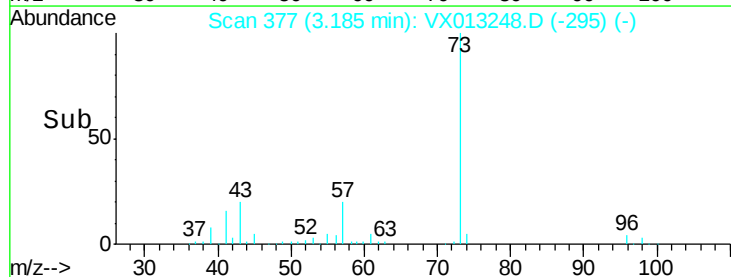
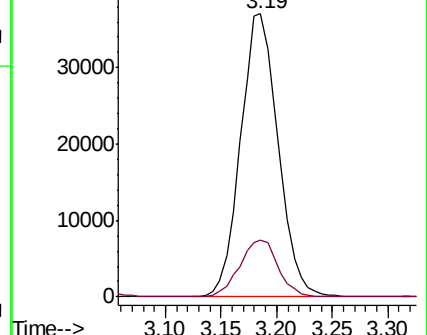
73 100

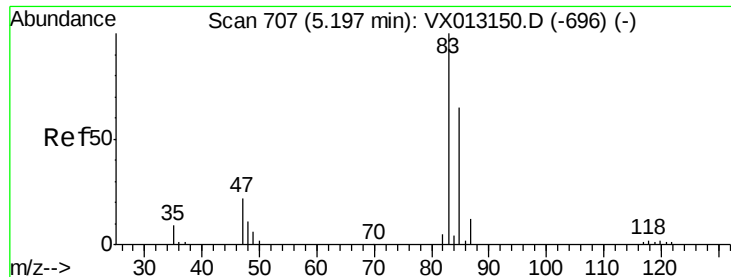
43 20.6 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

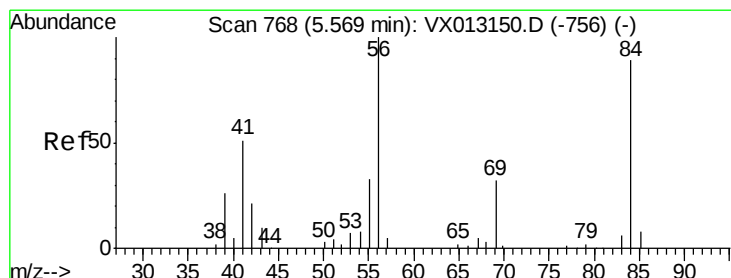
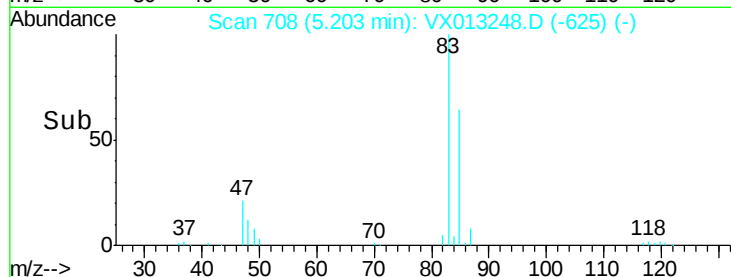
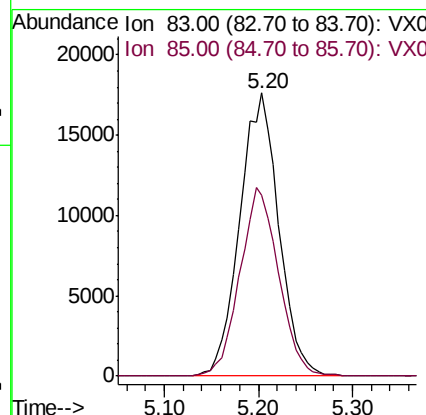
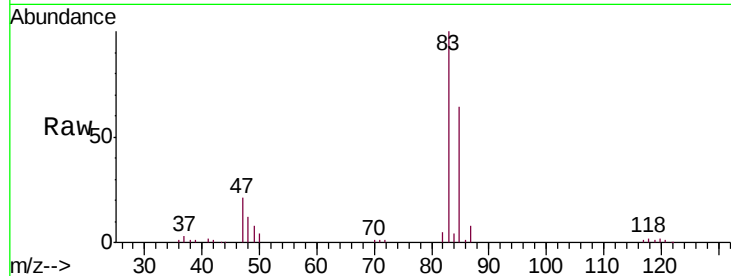




#25
Chloroform
Concen: 18.698 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

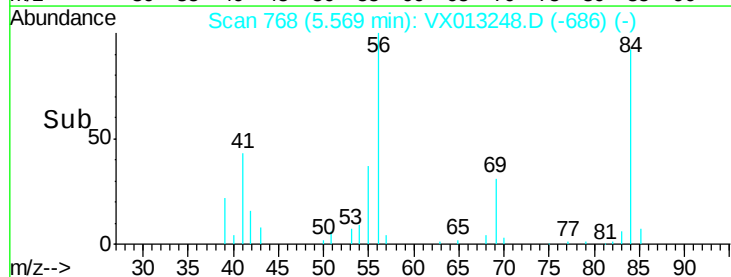
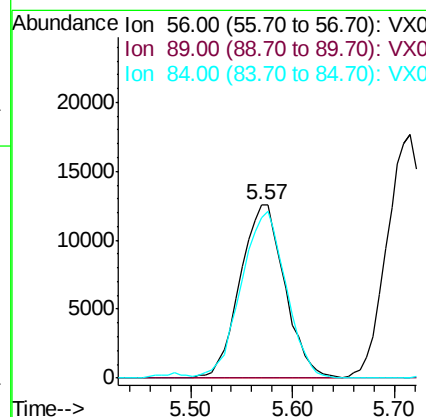
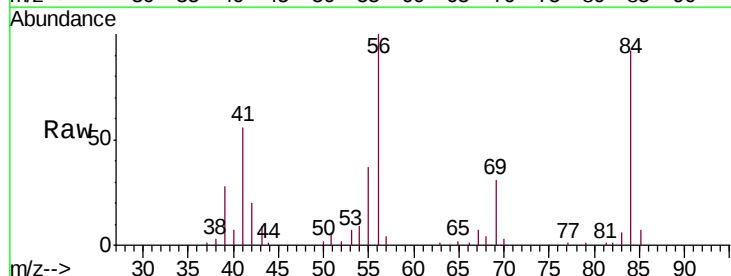
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

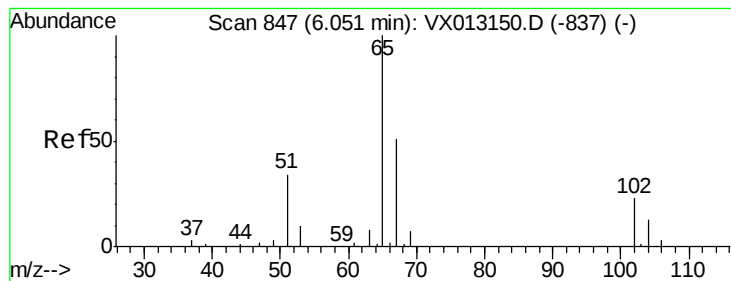
Tgt Ion: 83 Resp: 51039
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0



#26
Cyclohexane
Concen: 16.758 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 56 Resp: 38195
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 96.5 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 30.703 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

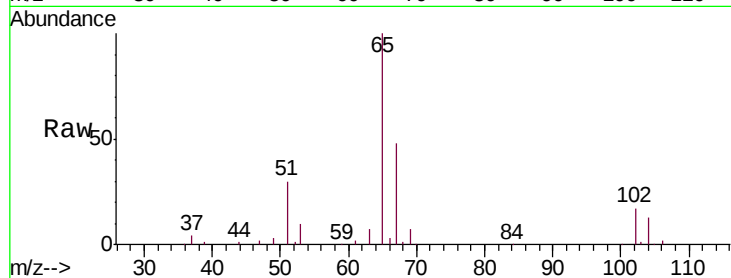
VX1028WBSD02

Tgt Ion: 65 Resp: 54788

Ion Ratio Lower Upper

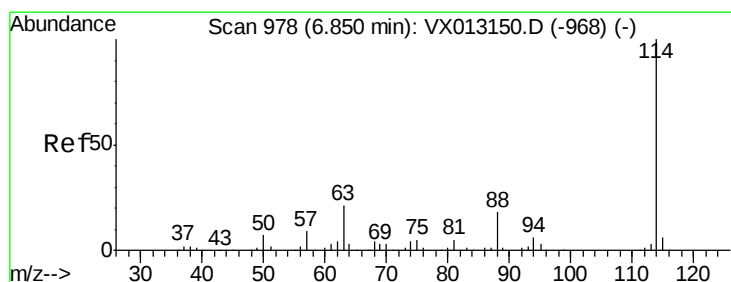
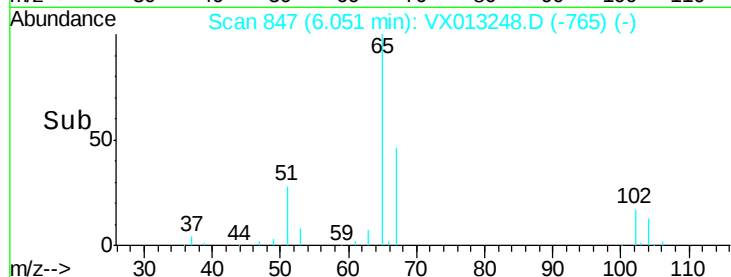
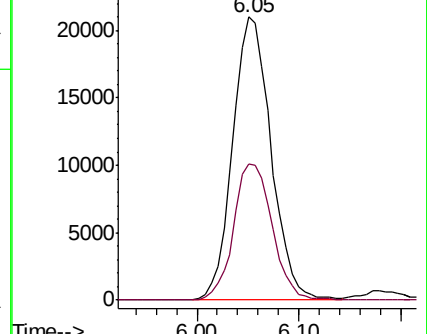
65 100

67 48.5 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: VX013248.D

Acq: 28 Oct 2019 15:16

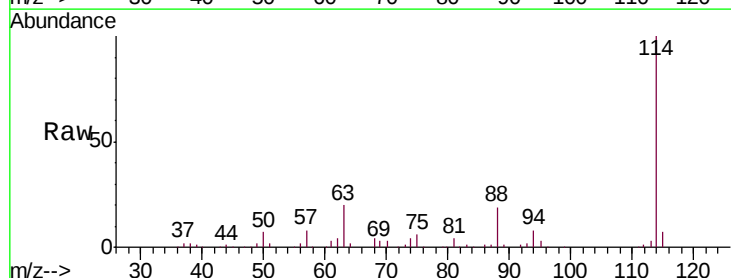
Tgt Ion: 114 Resp: 124860

Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

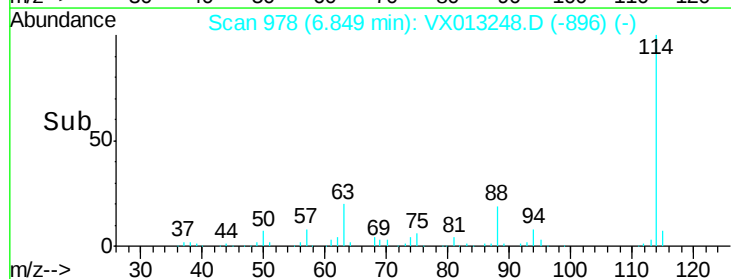
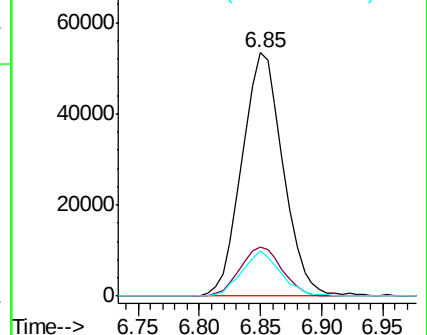
88 17.6 13.7 20.5

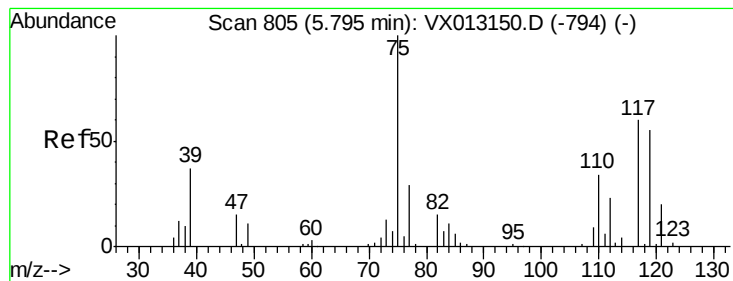


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.764 ug/l

RT: 5.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

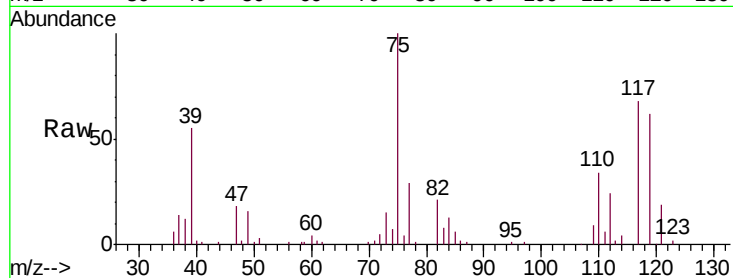
Tgt Ion: 75 Resp: 36396

Ion Ratio Lower Upper

75 100

110 34.4 0.0 68.4

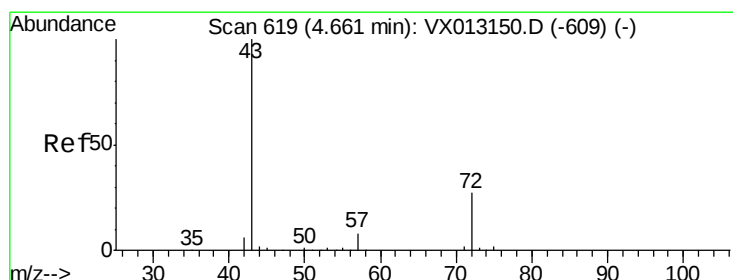
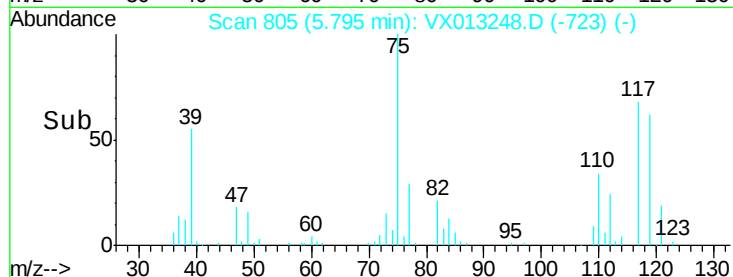
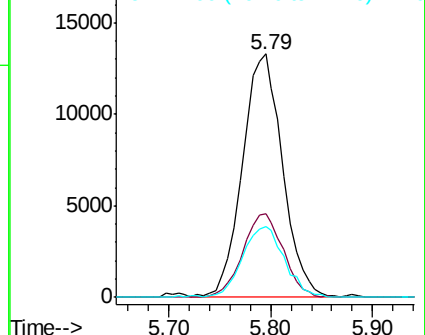
77 30.4 0.0 30.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 90.989 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

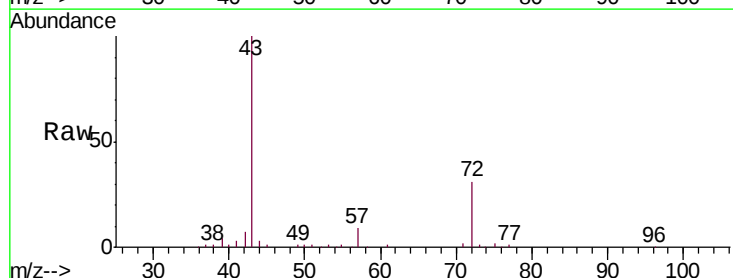
Tgt Ion: 43 Resp: 92578

Ion Ratio Lower Upper

43 100

57 8.7 7.0 10.6

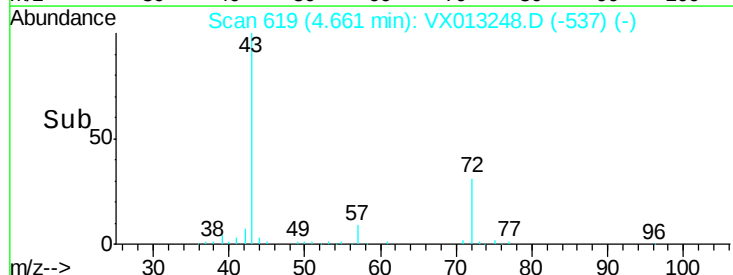
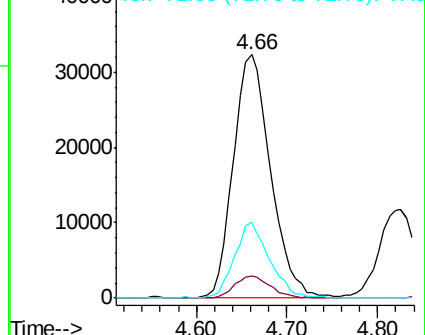
72 28.9 23.4 35.2

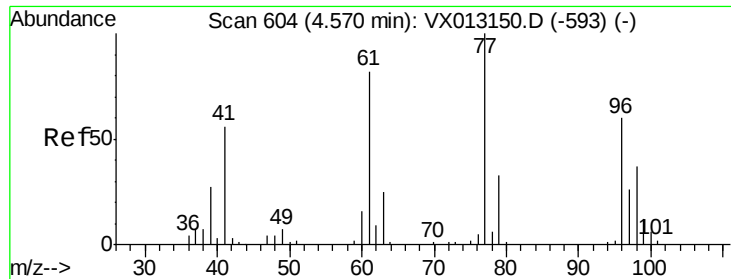


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

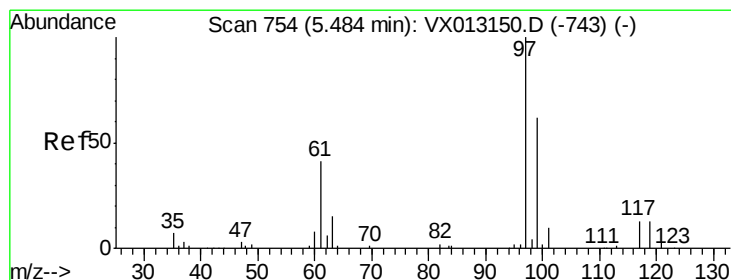
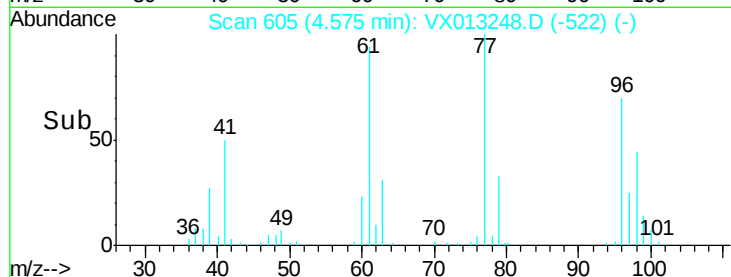
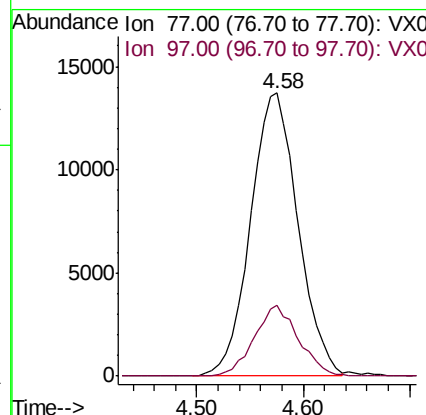
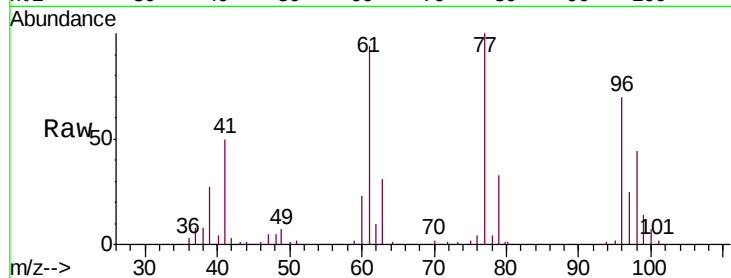




#31
 2,2-Dichloropropane
 Concen: 19.093 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

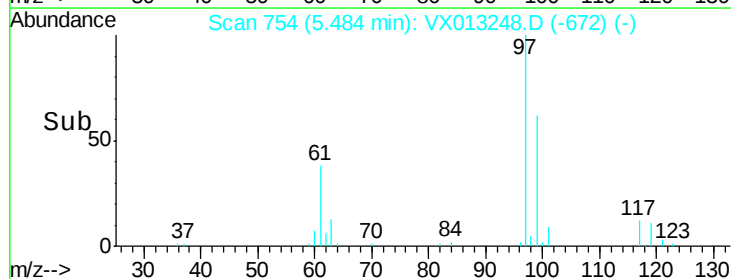
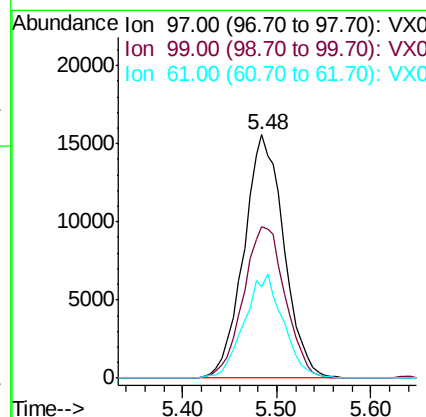
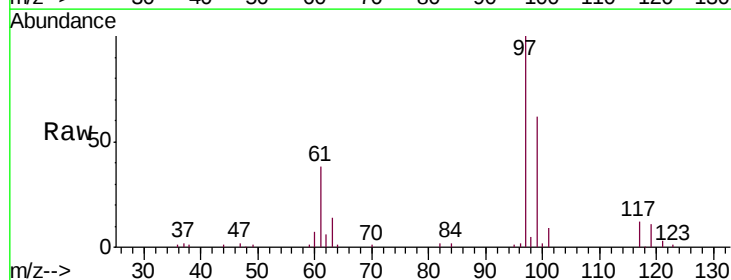
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

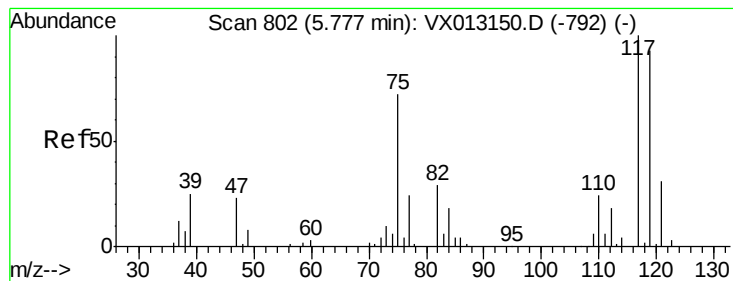
Tgt Ion: 77 Resp: 42817
 Ion Ratio Lower Upper
 77 100
 97 23.2 19.1 28.7



#32
 1,1,1-Trichloroethane
 Concen: 19.755 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 97 Resp: 46369
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.8 77.8
 61 41.5 33.5 50.3





#33

Carbon Tetrachloride

Concen: 19.656 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

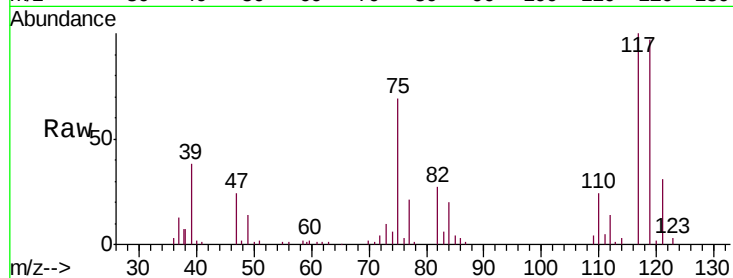
Tgt Ion:117 Resp: 39654

Ion Ratio Lower Upper

117 100

119 97.5 74.9 112.3

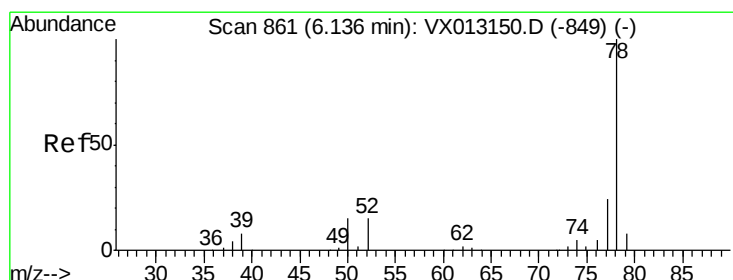
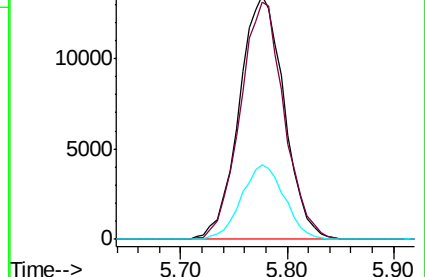
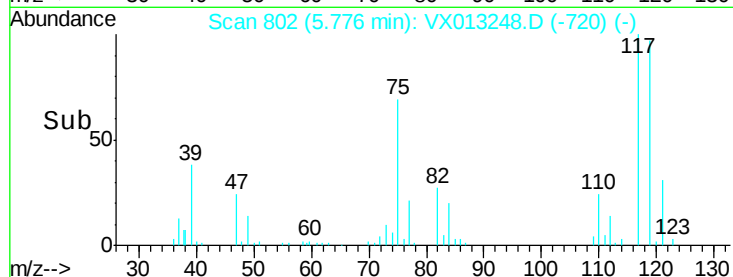
121 30.8 25.0 37.4



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: 18.612 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

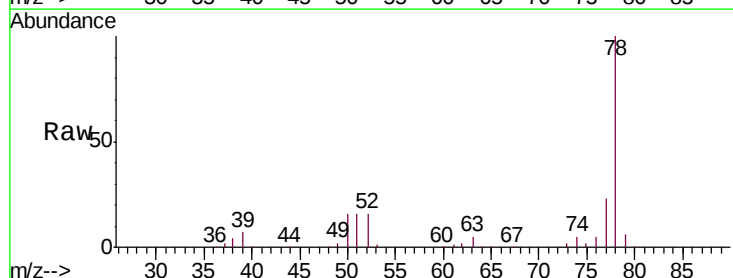
Tgt Ion: 78 Resp: 103933

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

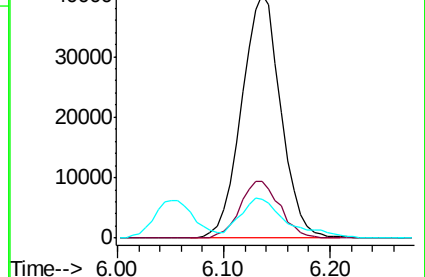
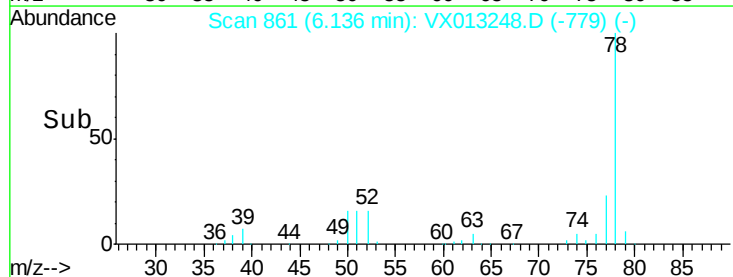
51 14.9 11.4 17.2

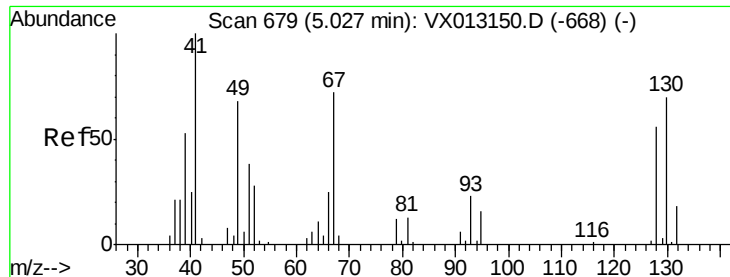


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

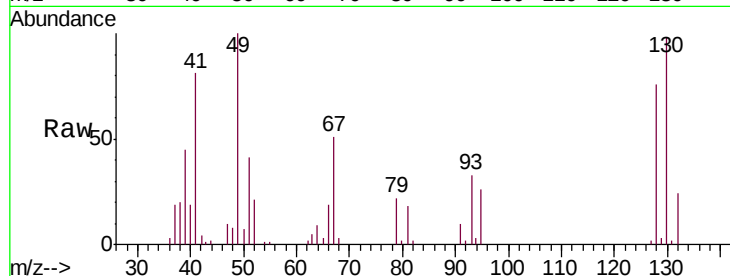




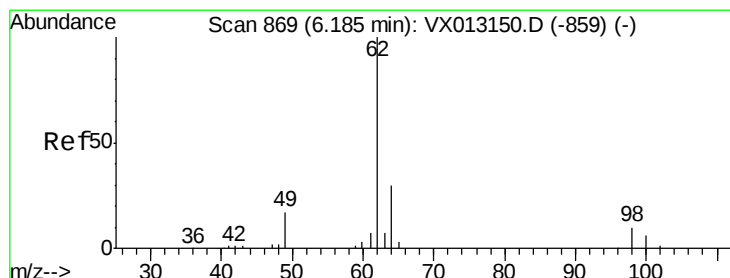
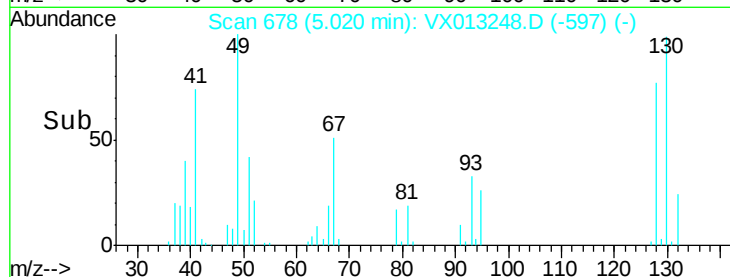
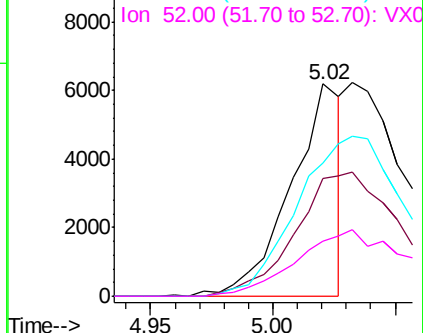
#35
Methacrylonitrile
Concen: 8.619 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

Tgt Ion: 41 Resp: 8993
Ion Ratio Lower Upper
41 100
39 55.7 26.3 78.9
67 62.8 35.8 107.4
52 25.7 14.1 42.3

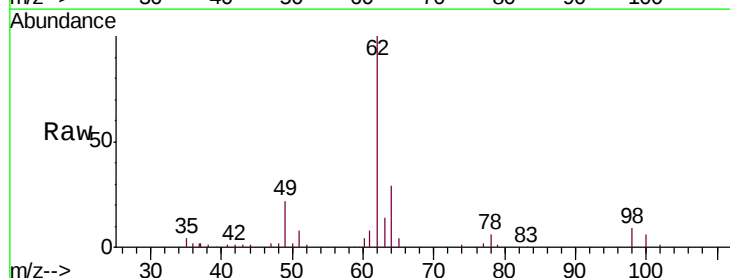


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

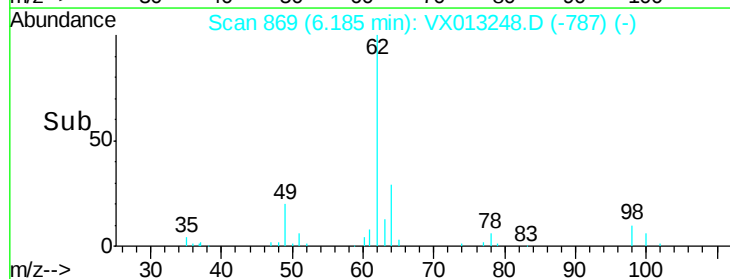
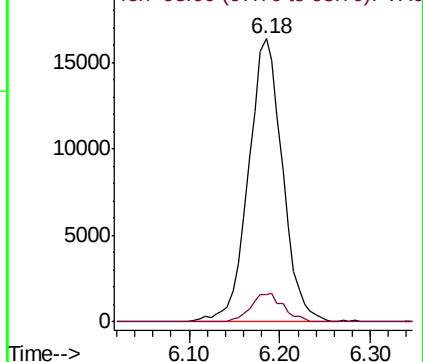


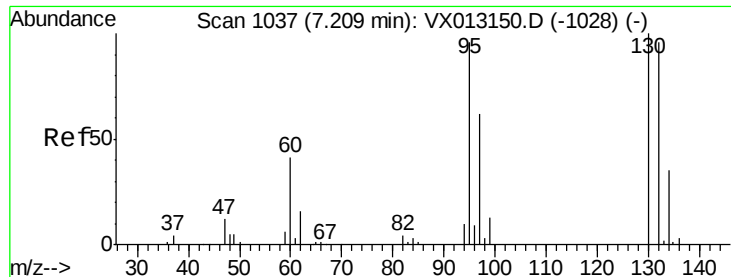
#36
1,2-Dichloroethane
Concen: 20.152 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 62 Resp: 42538
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0



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

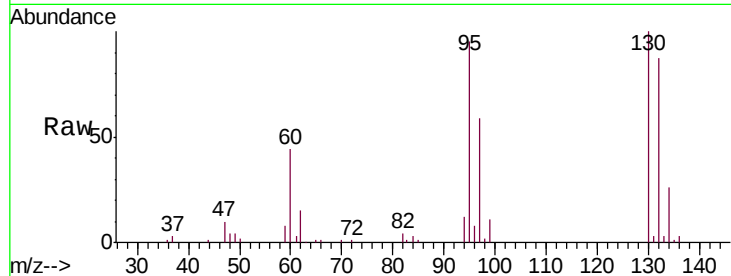




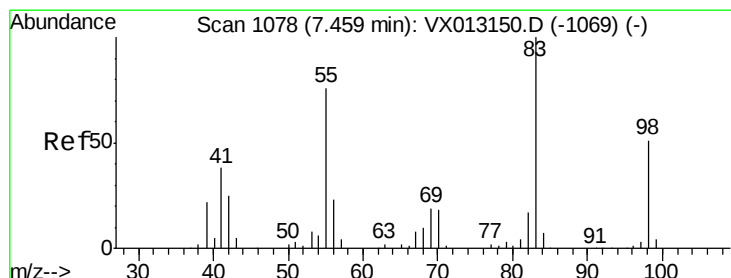
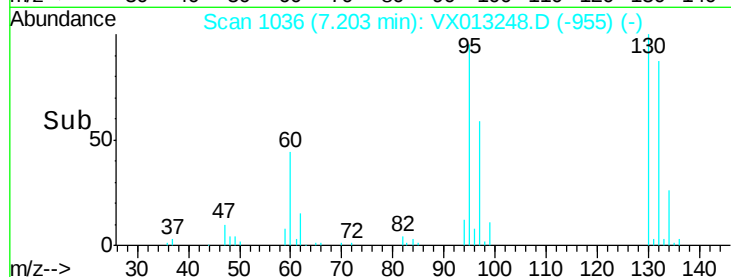
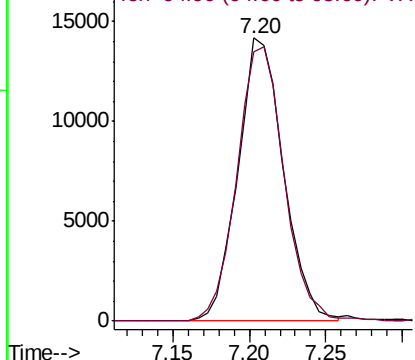
#37
 Trichloroethene
 Concen: 18.968 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

Tgt Ion:130 Resp: 29379
 Ion Ratio Lower Upper
 130 100
 95 95.1 77.0 115.6

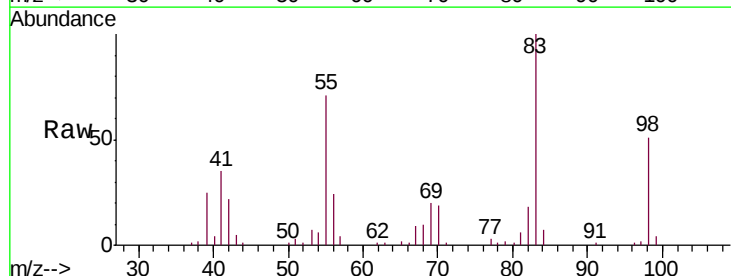


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

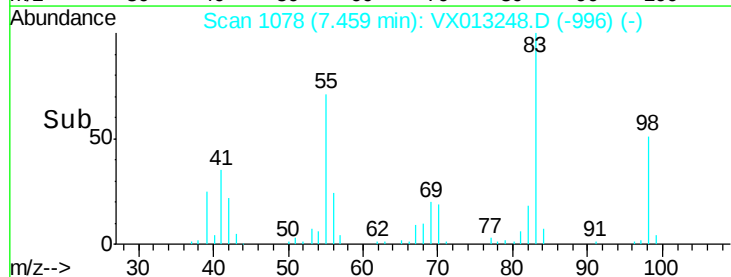
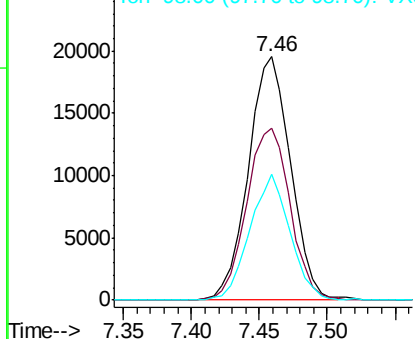


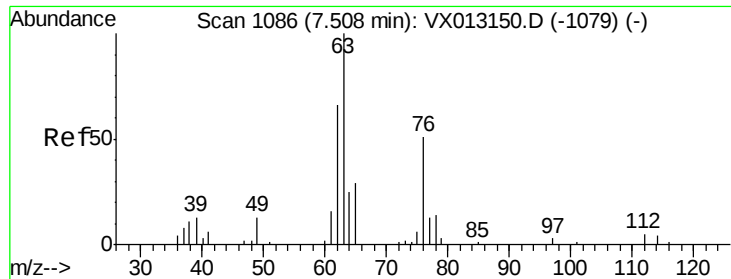
#38
 Methylcyclohexane
 Concen: 18.018 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 83 Resp: 42624
 Ion Ratio Lower Upper
 83 100
 55 72.6 37.5 112.5
 98 48.9 25.4 76.0



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

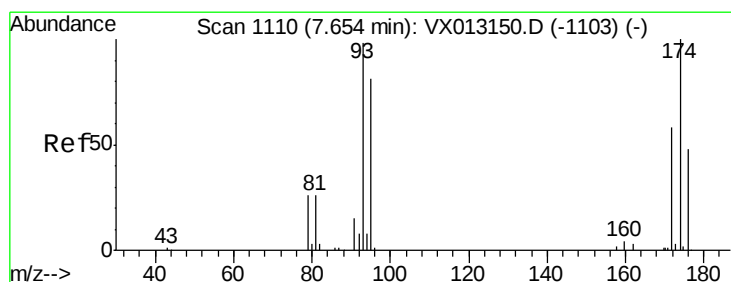
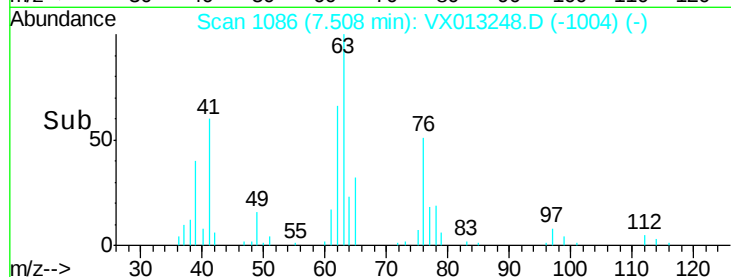
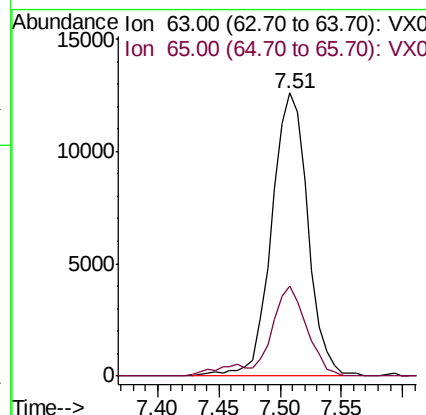
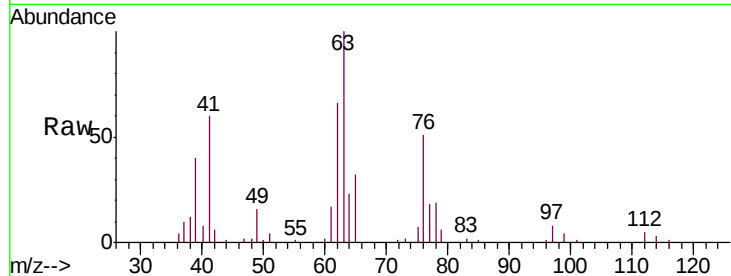




#39
 1,2-Dichloropropane
 Concen: 18.864 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

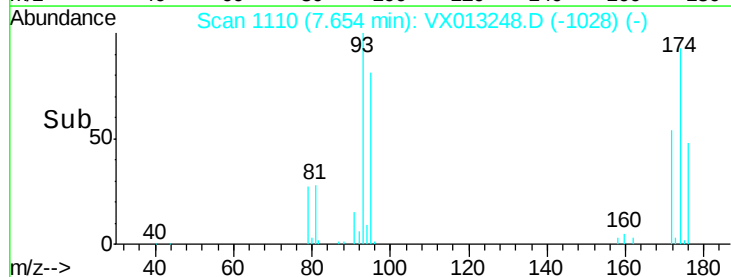
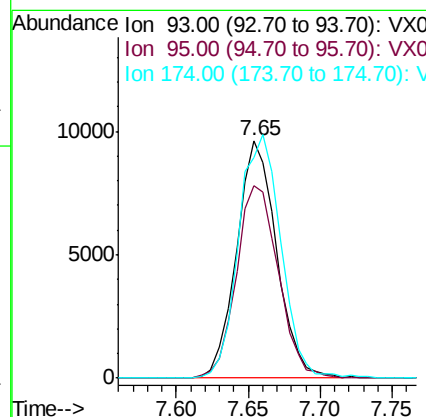
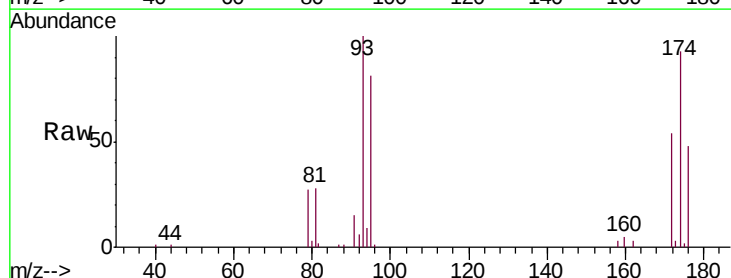
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

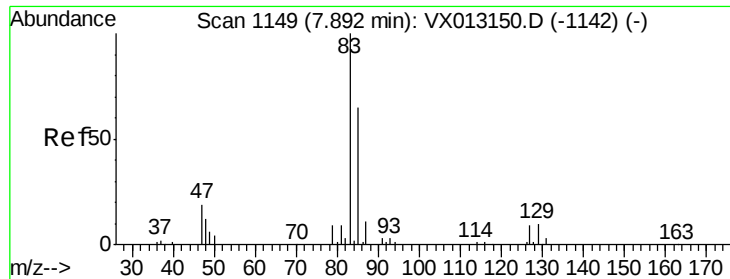
Tgt Ion: 63 Resp: 25855
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#40
 Dibromomethane
 Concen: 18.976 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 93 Resp: 18578
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 166.0
 174 107.1 0.0 208.8





#41

Bromodichloromethane

Concen: 19.573 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

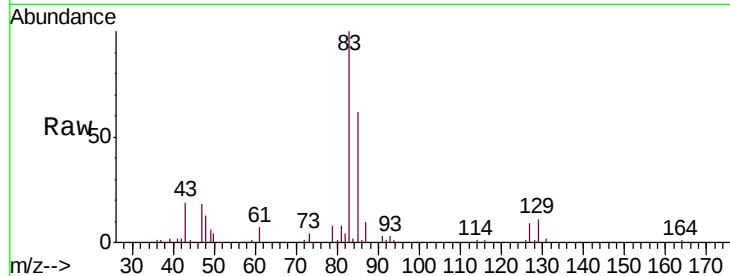
Tgt Ion: 83 Resp: 38638

Ion Ratio Lower Upper

83 100

85 61.8 52.1 78.1

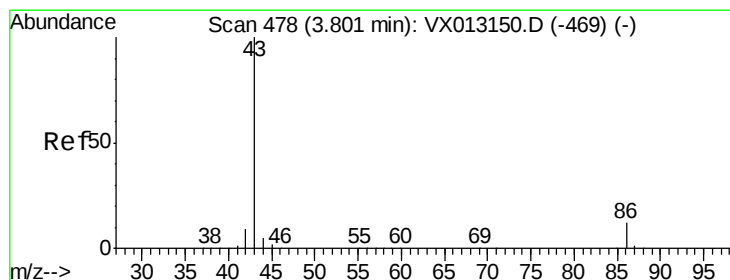
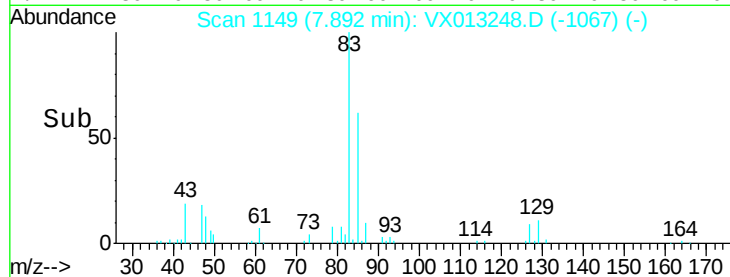
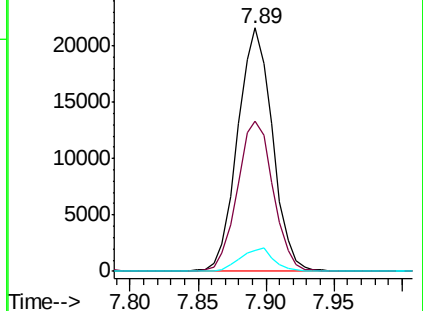
127 8.5 7.5 11.3



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: 91.749 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013248.D

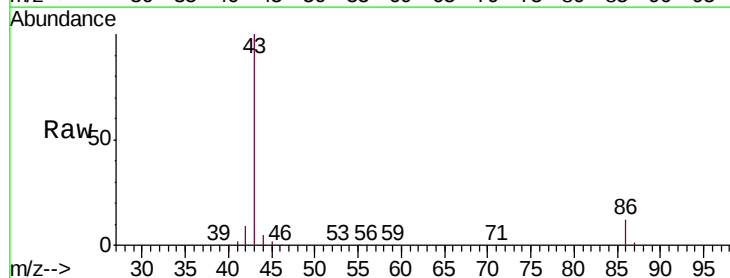
Acq: 28 Oct 2019 15:16

Tgt Ion: 43 Resp: 323717

Ion Ratio Lower Upper

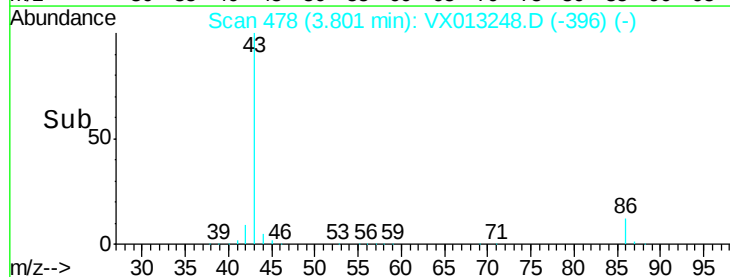
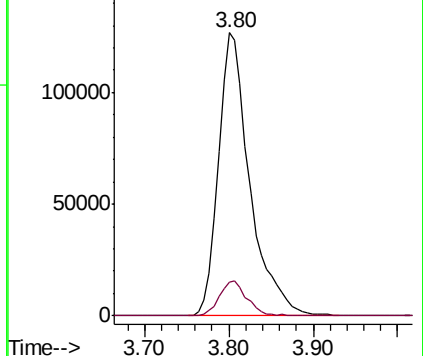
43 100

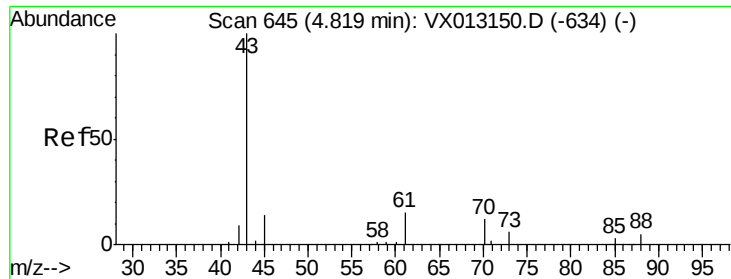
86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

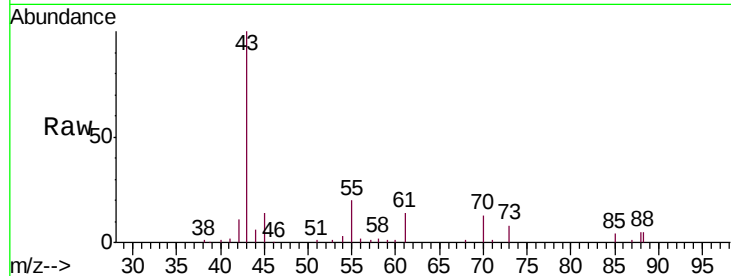




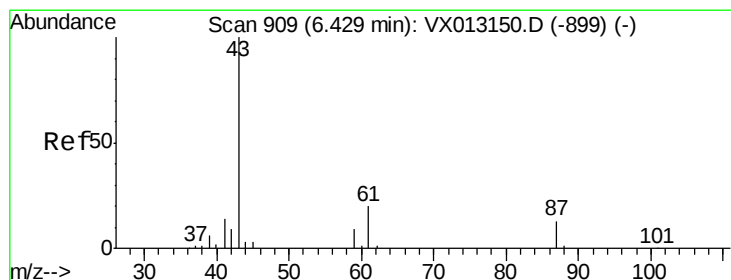
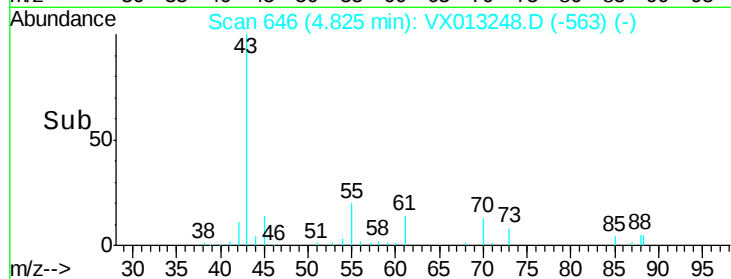
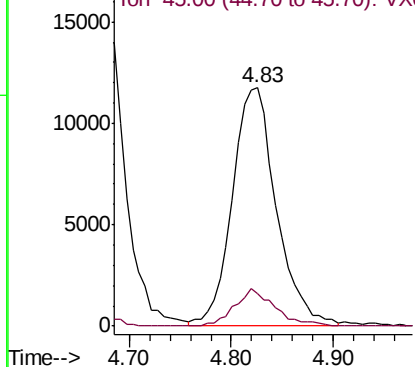
#43
Ethyl Acetate
Concen: 19.052 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

Tgt Ion: 43 Resp: 35356
Ion Ratio Lower Upper
43 100
45 13.8 12.6 18.8

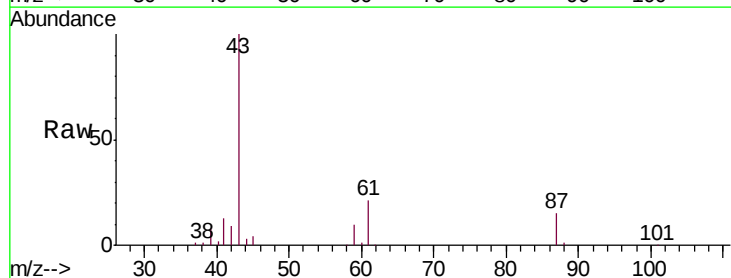


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

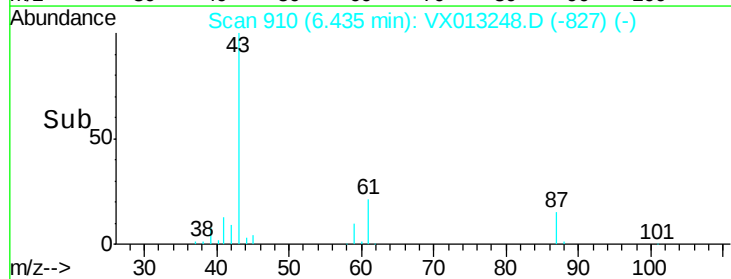
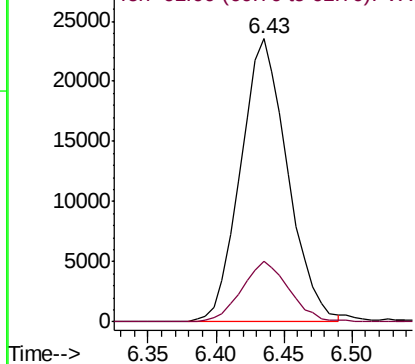


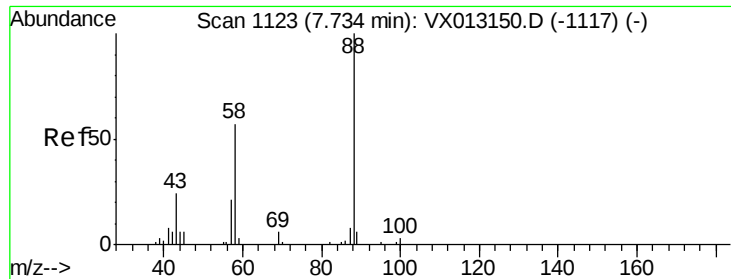
#44
Isopropyl Acetate
Concen: 18.249 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 43 Resp: 56916
Ion Ratio Lower Upper
43 100
61 21.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

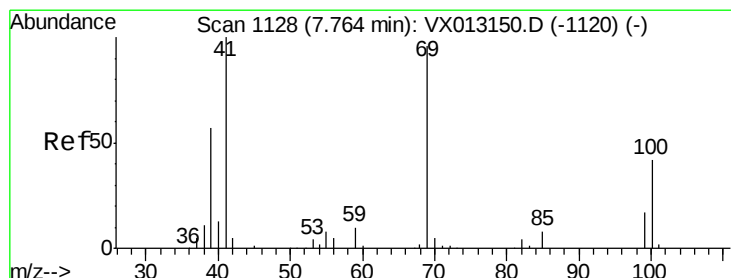
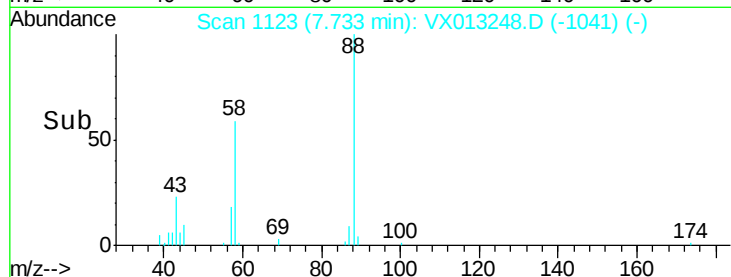
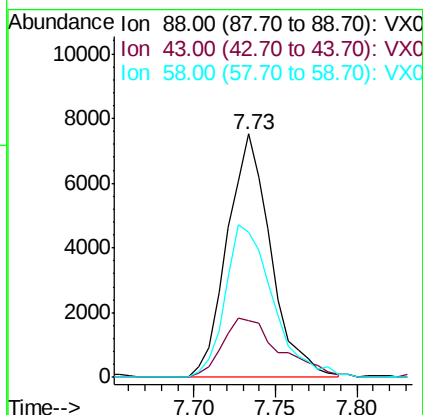
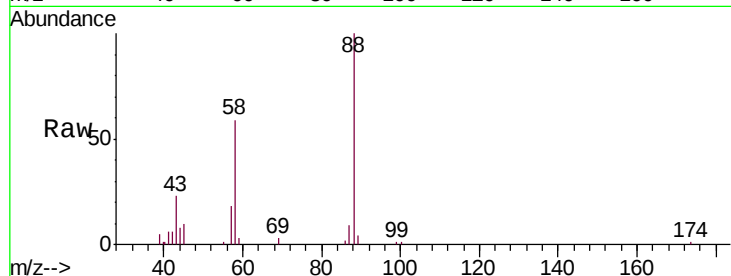




#45
 1,4-Dioxane
 Concen: 355.065 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

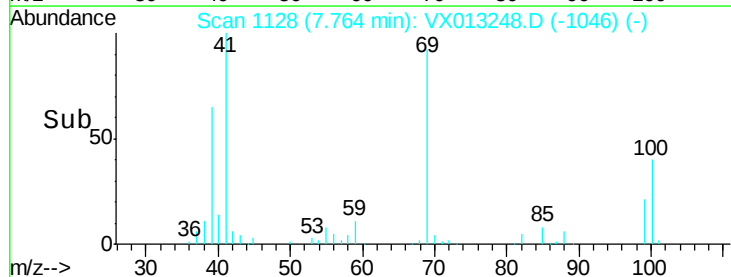
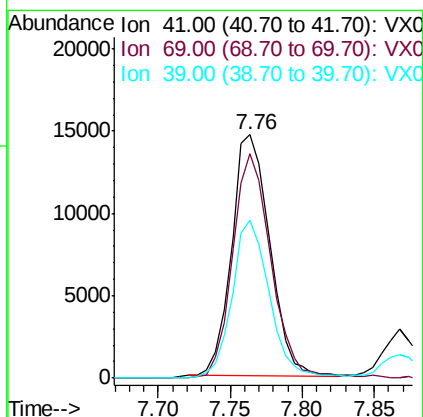
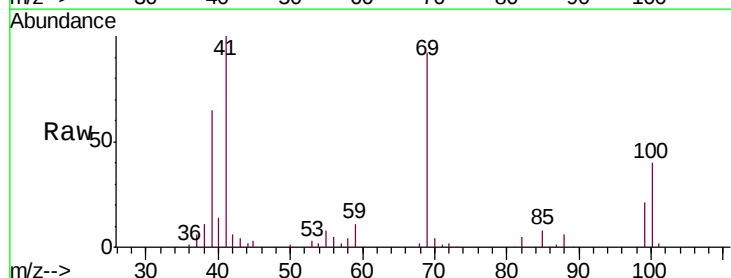
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

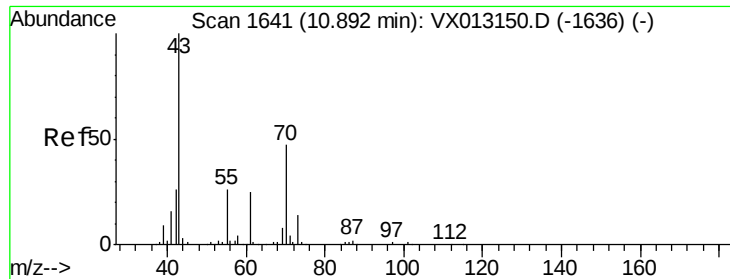
Tgt Ion: 88 Resp: 14005
 Ion Ratio Lower Upper
 88 100
 43 32.0 24.0 36.0
 58 68.1 52.8 79.2



#46
 Methyl methacrylate
 Concen: 17.708 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 41 Resp: 27177
 Ion Ratio Lower Upper
 41 100
 69 93.1 47.8 143.3
 39 65.4 28.5 85.5

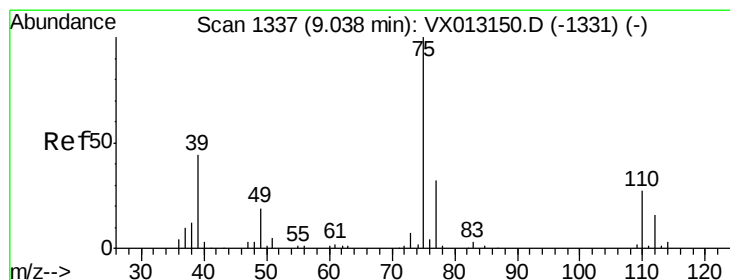
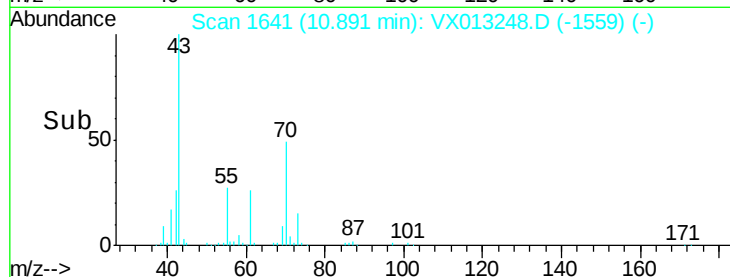
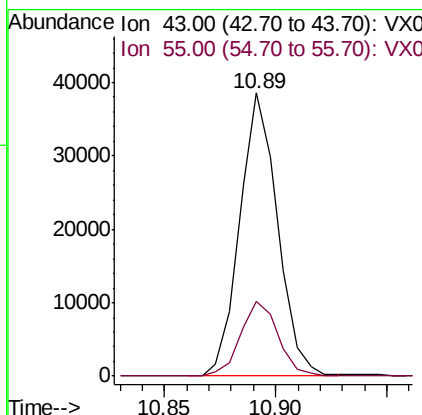
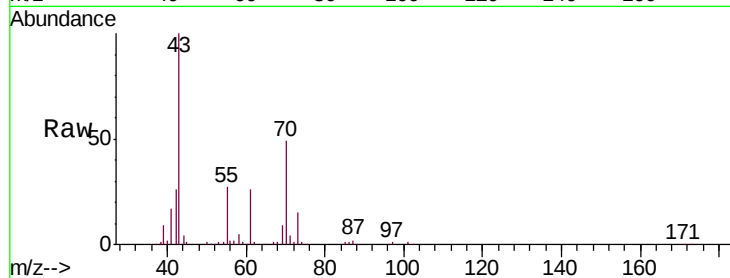




#47
n-amyl Acetate
Concen: 17.422 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

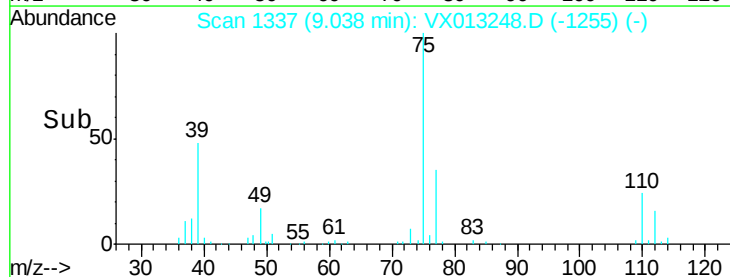
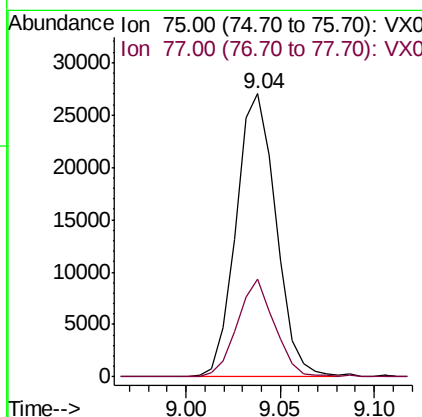
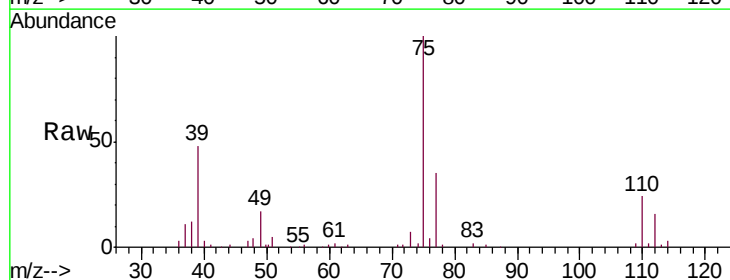
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

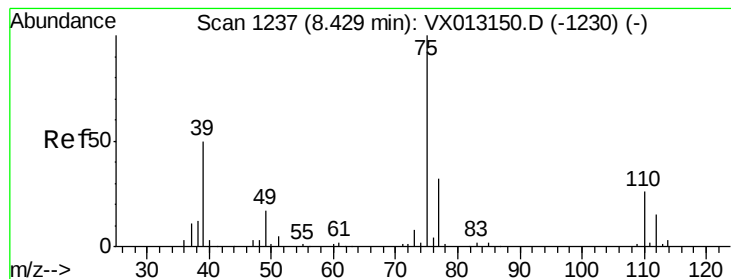
Tgt Ion: 43 Resp: 45805
Ion Ratio Lower Upper
43 100
55 26.5 20.9 31.3



#48
t-1,3-Dichloropropene
Concen: 18.349 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 75 Resp: 39732
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4



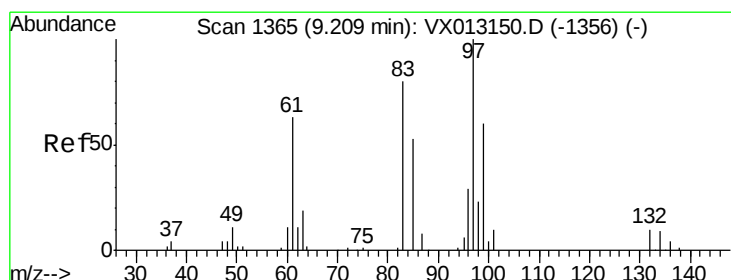
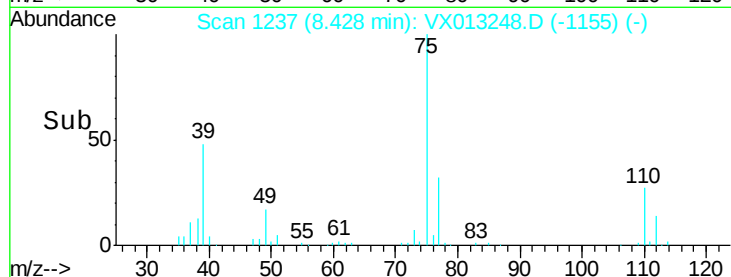
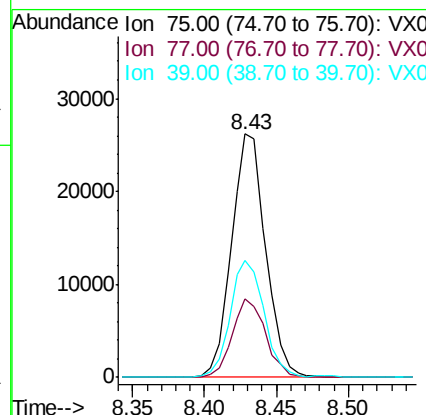
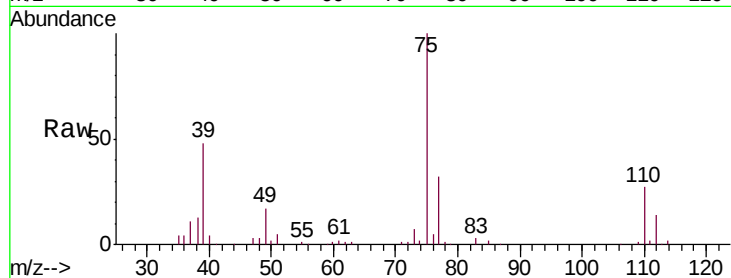


#49

cis-1,3-Dichloropropene
Concen: 18.418 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

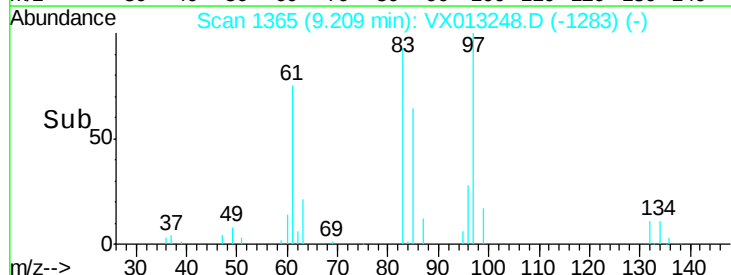
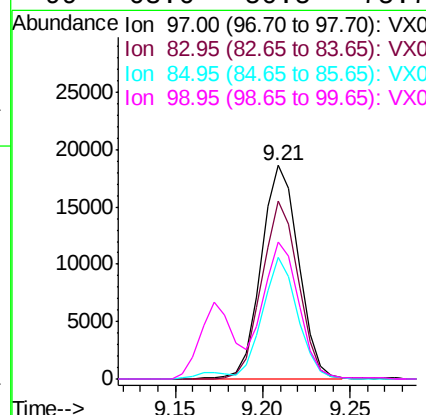
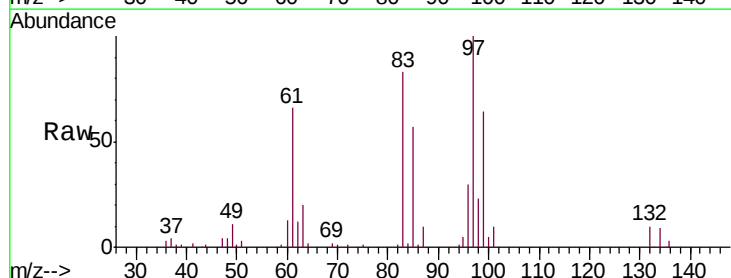
Tgt Ion: 75 Resp: 43395
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 48.0 39.7 59.5

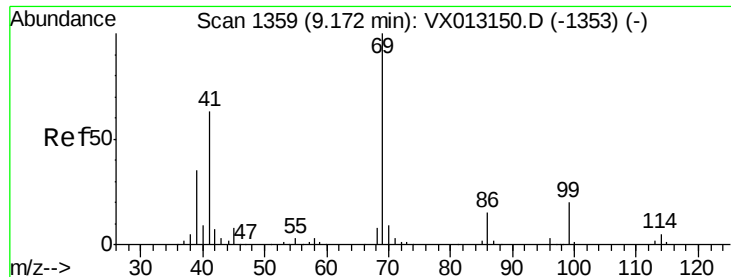


#50

1,1,2-Trichloroethane
Concen: 19.169 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 97 Resp: 27714
Ion Ratio Lower Upper
97 100
83 83.2 64.2 96.4
85 56.2 42.7 64.1
99 63.6 50.5 75.7





#51

Ethyl methacrylate

Concen: 18.694 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

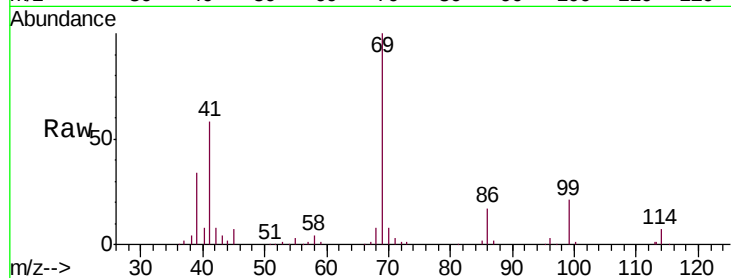
Tgt Ion: 69 Resp: 42378

Ion Ratio Lower Upper

69 100

41 58.1 31.6 95.0

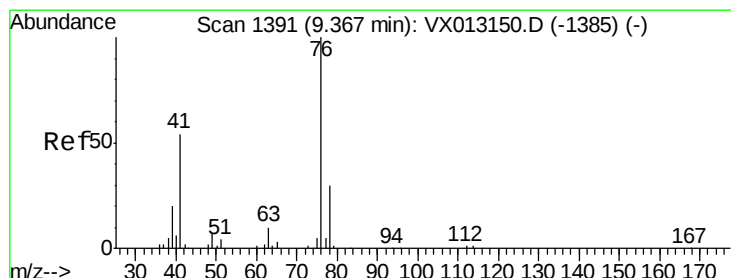
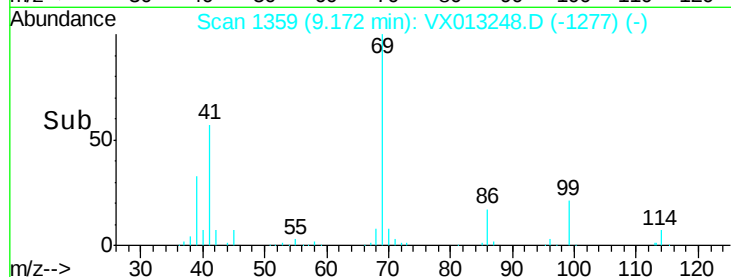
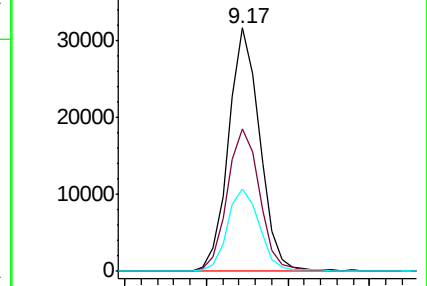
39 33.6 17.7 53.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.875 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013248.D

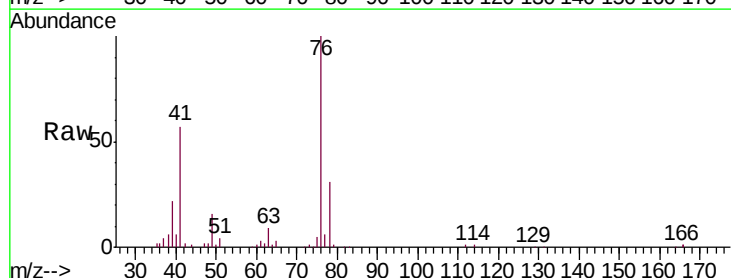
Acq: 28 Oct 2019 15:16

Tgt Ion: 76 Resp: 45955

Ion Ratio Lower Upper

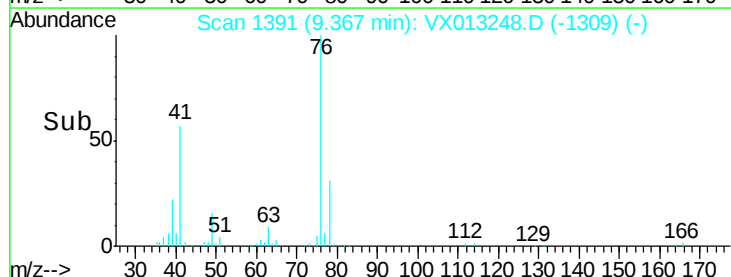
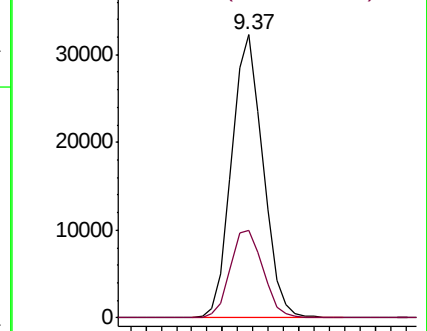
76 100

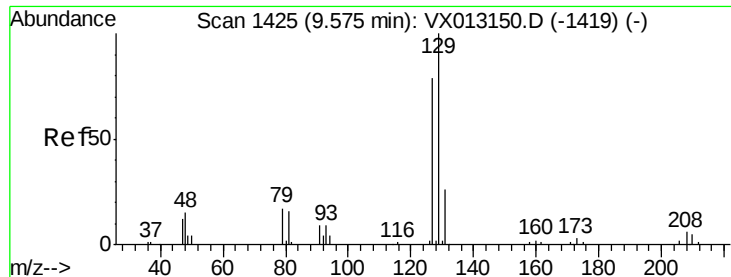
78 32.4 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

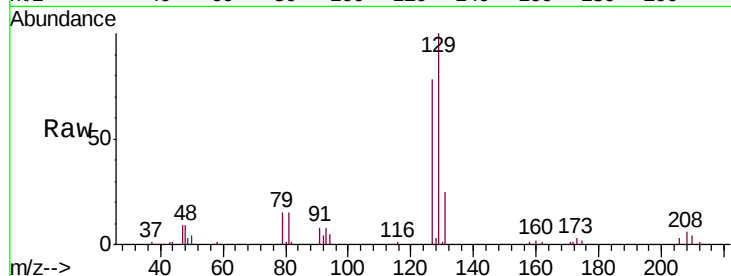




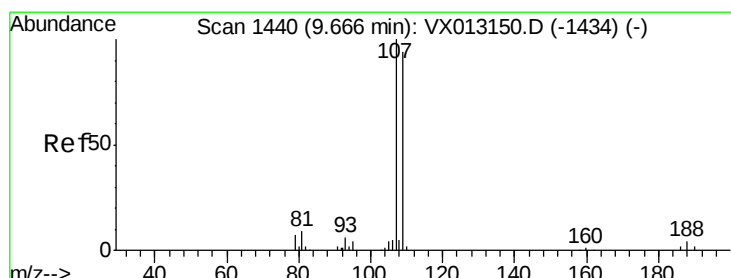
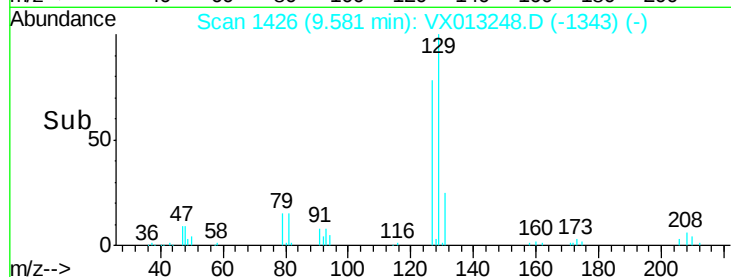
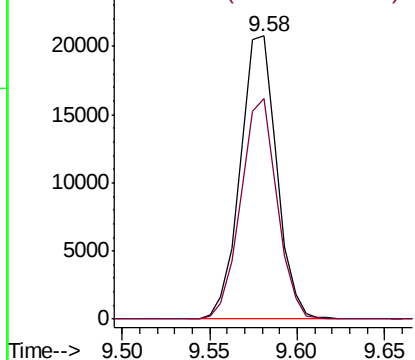
#53
Dibromochloromethane
Concen: 19.369 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

Tgt Ion:129 Resp: 30207
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2

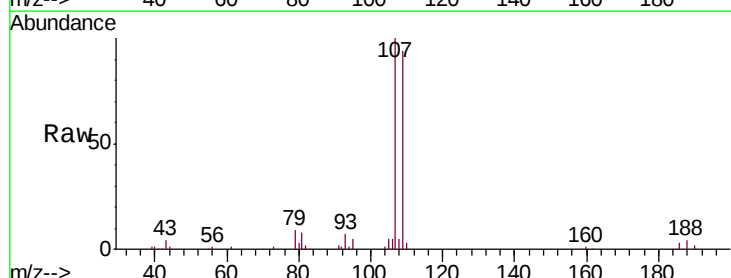


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

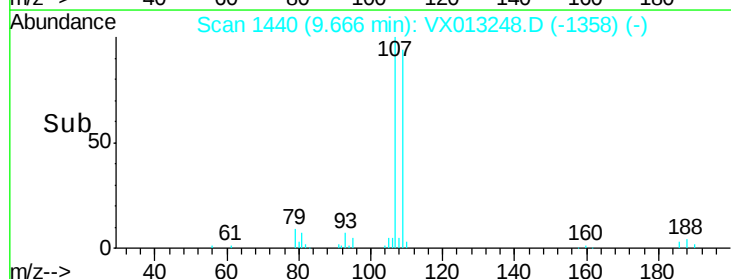
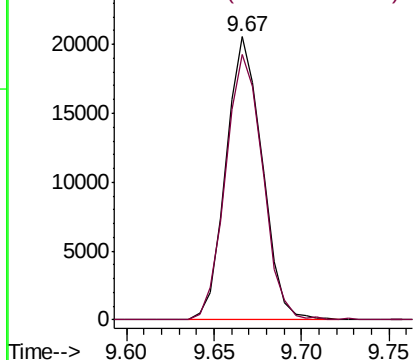


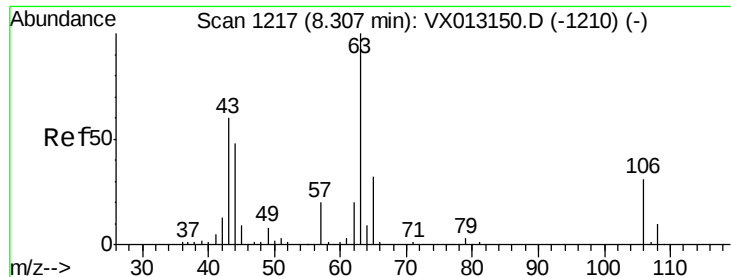
#54
1,2-Dibromoethane
Concen: 19.084 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion:107 Resp: 29501
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.0



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

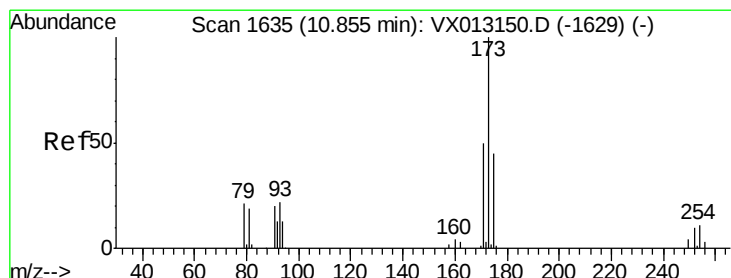
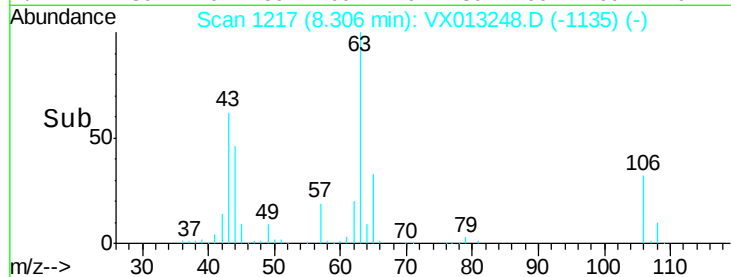
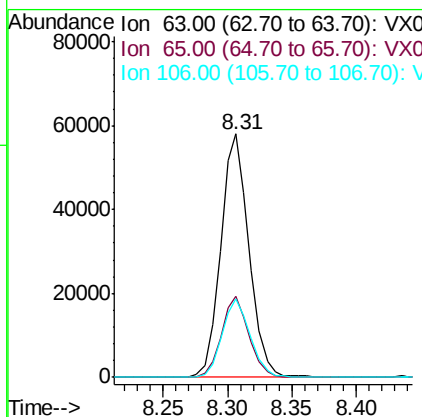
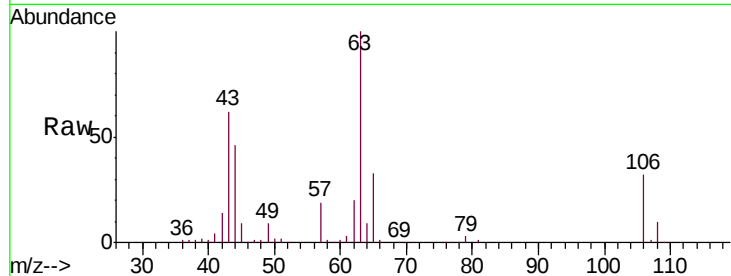




#55
2-Chloroethyl vinyl ether
Concen: 96.879 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

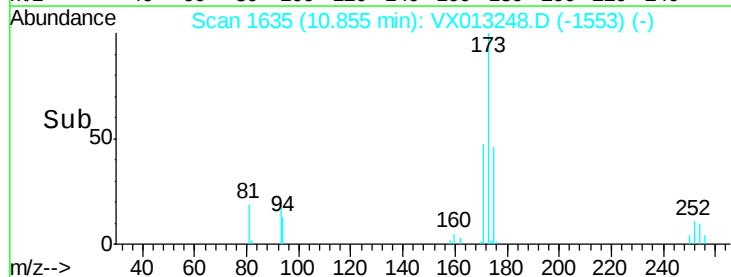
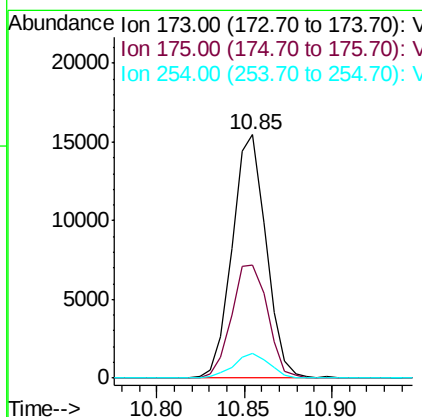
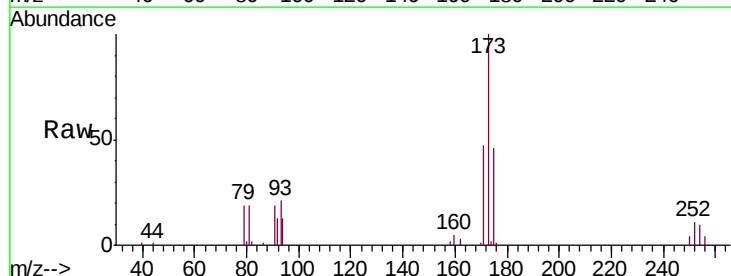
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

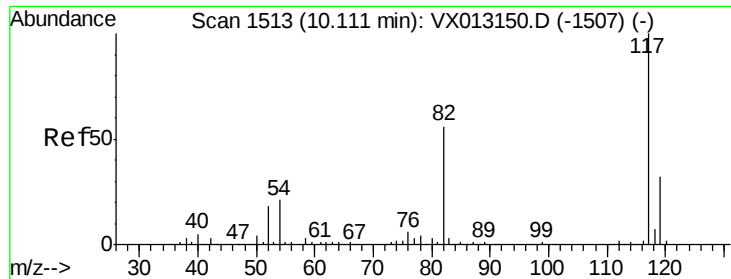
Tgt Ion: 63 Resp: 89214
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 32.0 24.8 37.2



#56
Bromoform
Concen: 18.845 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 173 Resp: 20851
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 10.5 8.1 12.1

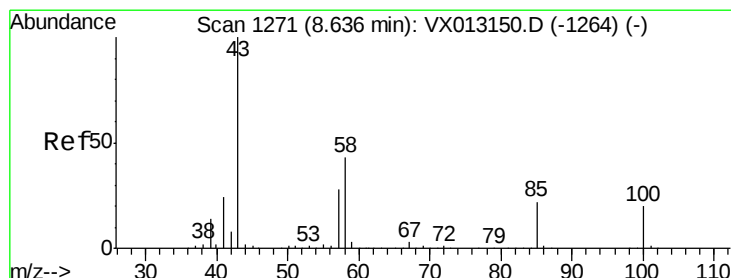
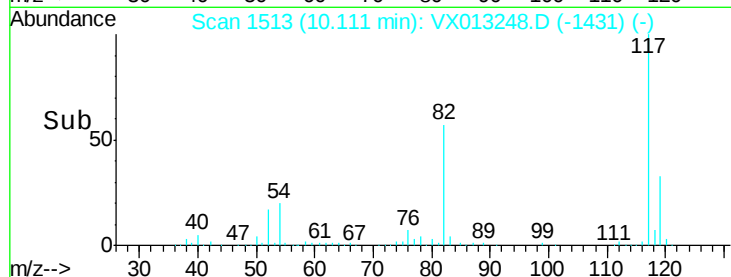
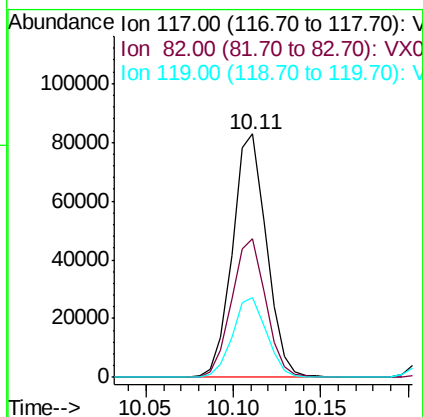
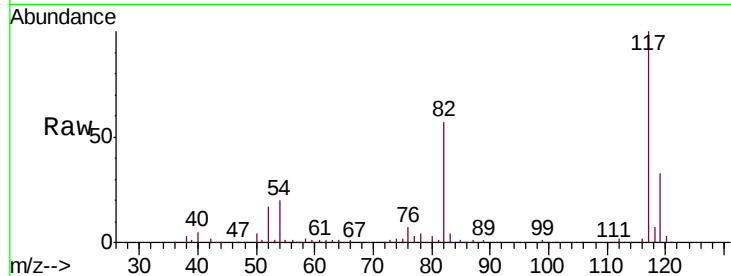




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

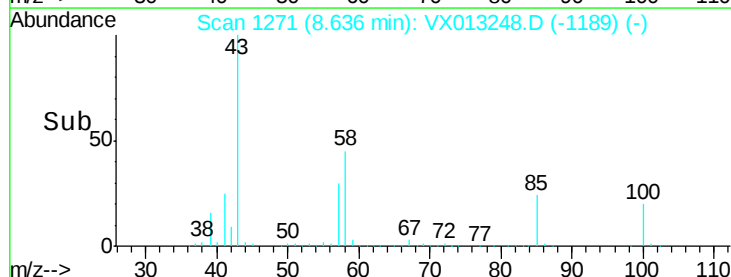
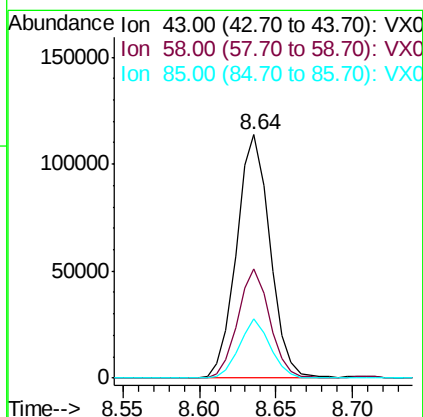
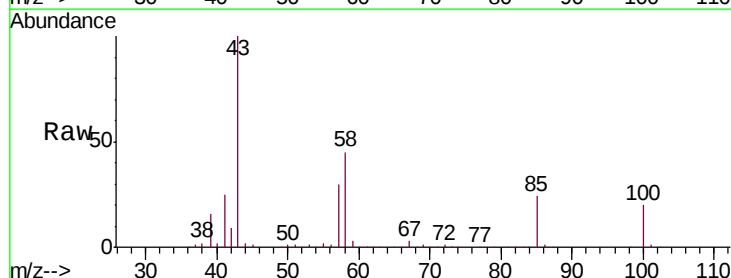
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

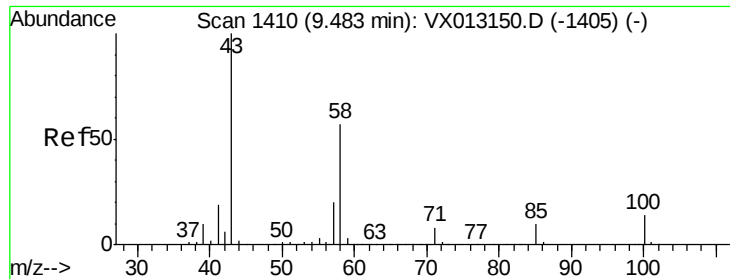
Tgt Ion: 117 Resp: 112275
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 32.7 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 91.491 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 43 Resp: 173090
Ion Ratio Lower Upper
43 100
58 42.9 33.8 50.8
85 22.6 16.8 25.2

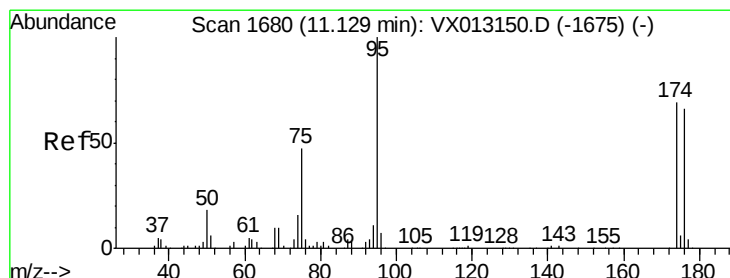
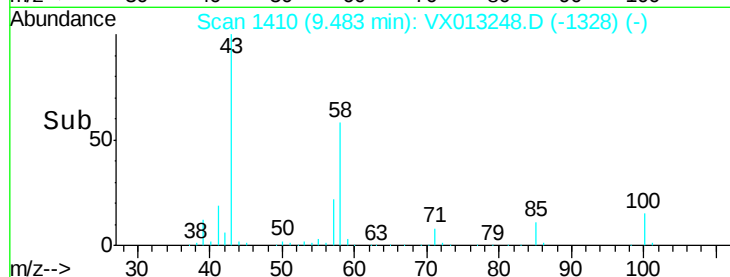
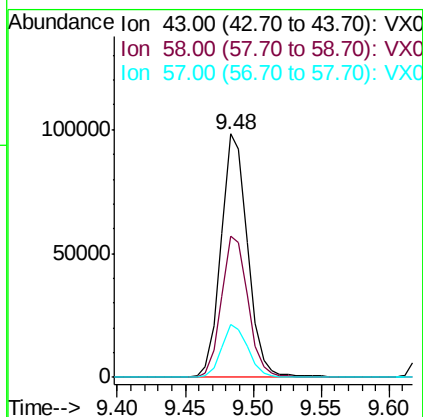
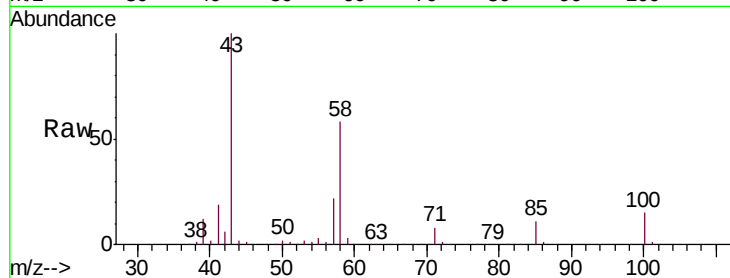




#59
2-Hexanone
Concen: 89.961 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

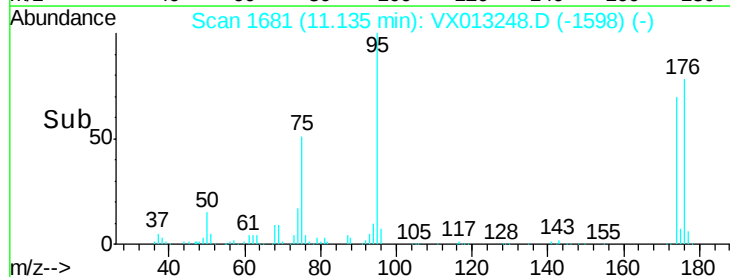
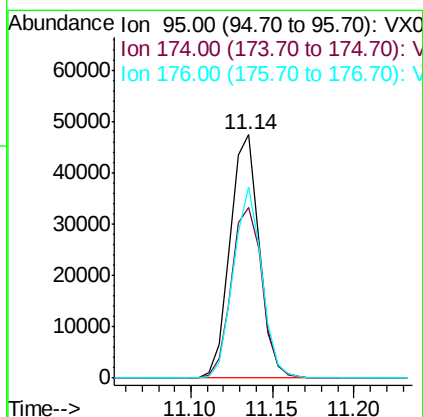
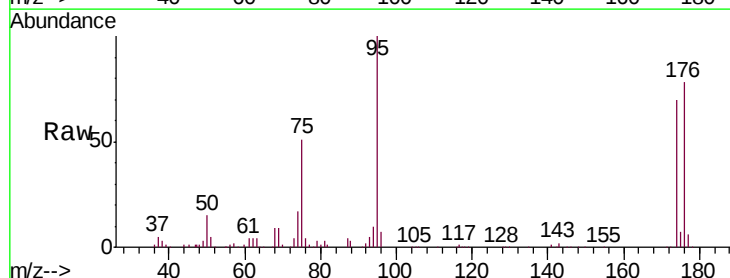
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

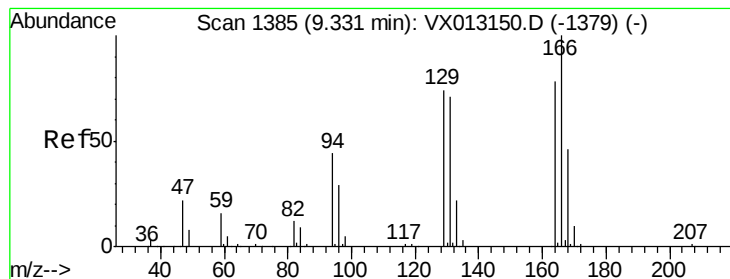
Tgt Ion: 43 Resp: 133384
Ion Ratio Lower Upper
43 100
58 58.0 46.6 69.8
57 21.6 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 30.245 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 95 Resp: 59130
Ion Ratio Lower Upper
95 100
174 73.9 60.0 90.0
176 76.2 58.5 87.7





#61

Tetrachloroethene

Concen: 20.133 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

Tgt Ion:164 Resp: 29966

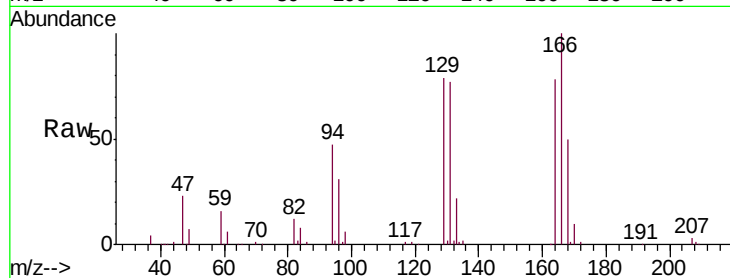
Ion Ratio Lower Upper

164 100

166 128.7 102.6 153.8

129 101.2 75.7 113.5

131 99.3 72.4 108.6

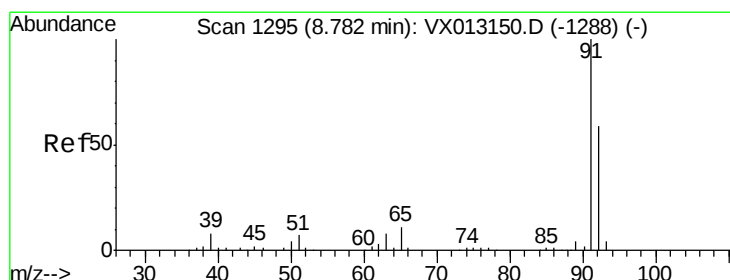
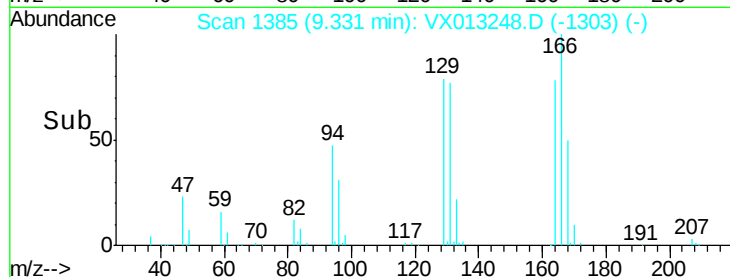
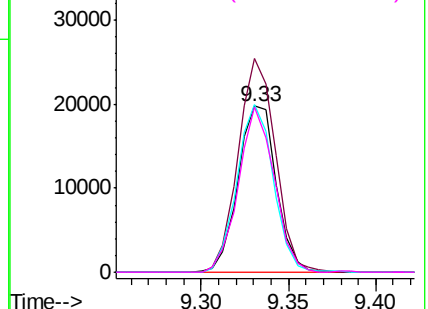


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.821 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013248.D

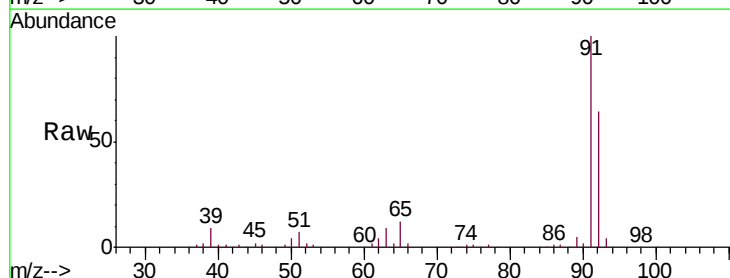
Acq: 28 Oct 2019 15:16

Tgt Ion: 91 Resp: 114070

Ion Ratio Lower Upper

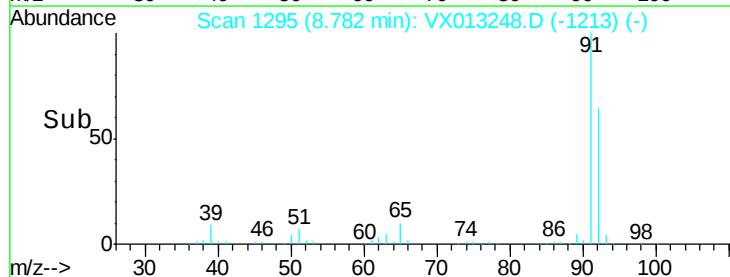
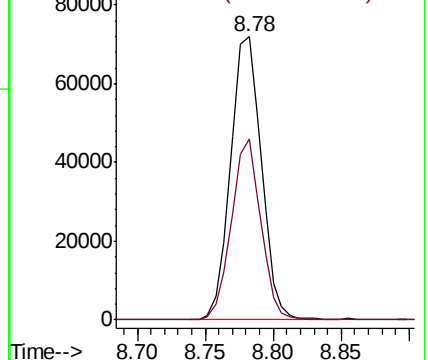
91 100

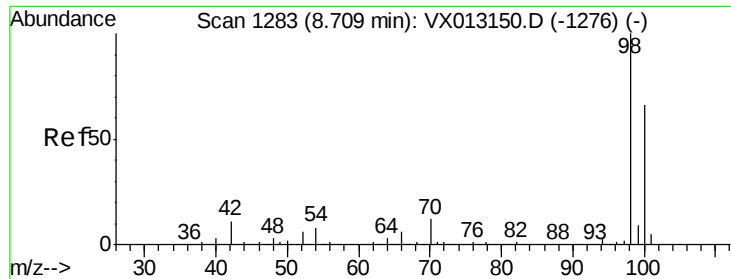
92 60.7 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

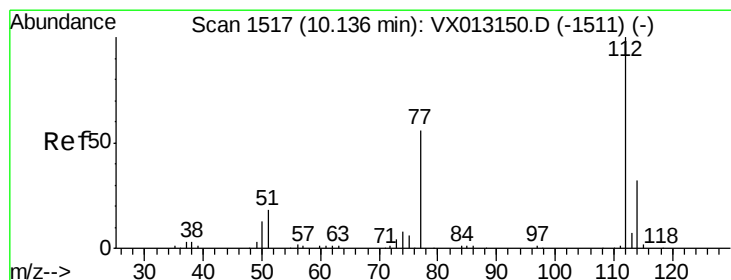
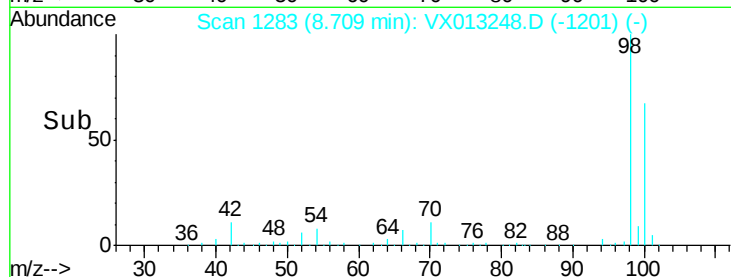
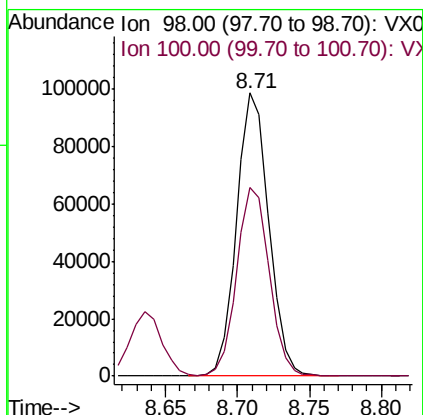
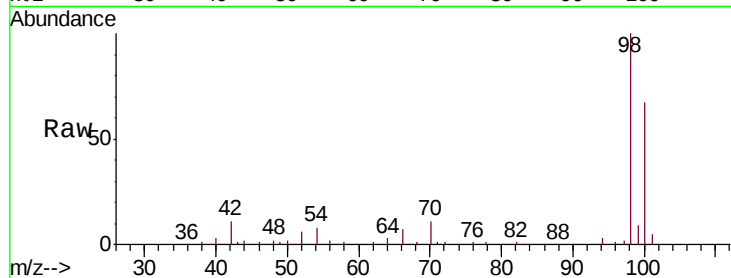




#63
Toluene-d8
Concen: 30.803 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

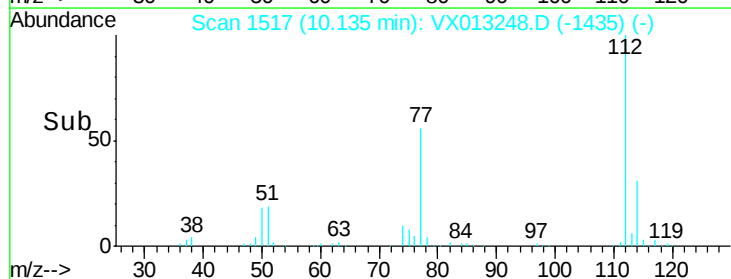
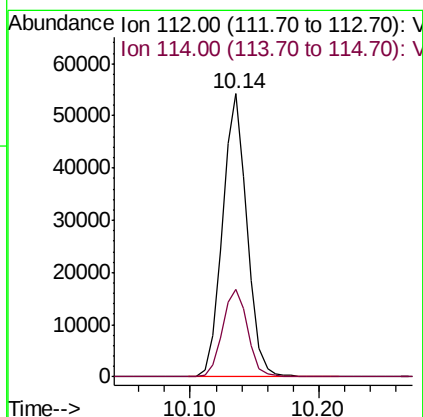
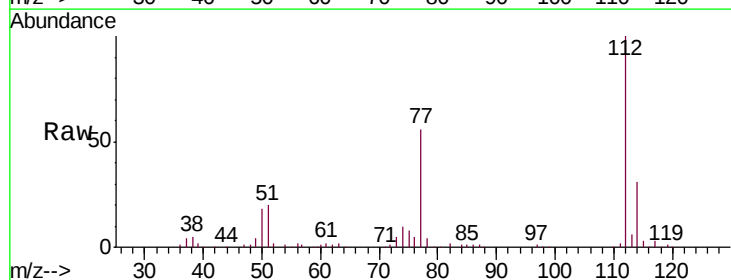
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

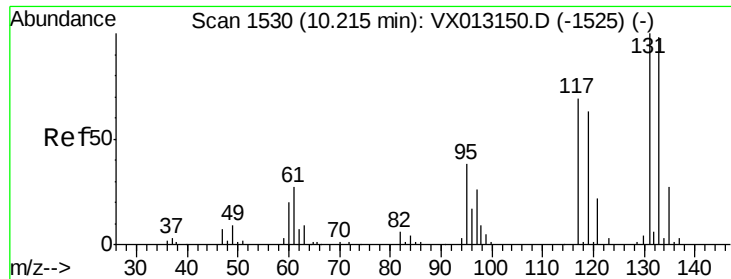
Tgt Ion: 98 Resp: 153817
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#64
Chlorobenzene
Concen: 18.658 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 112 Resp: 72510
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.678 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

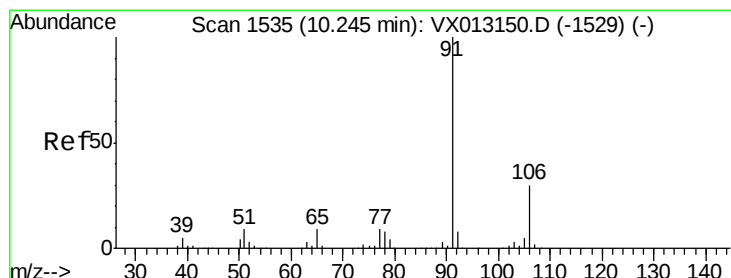
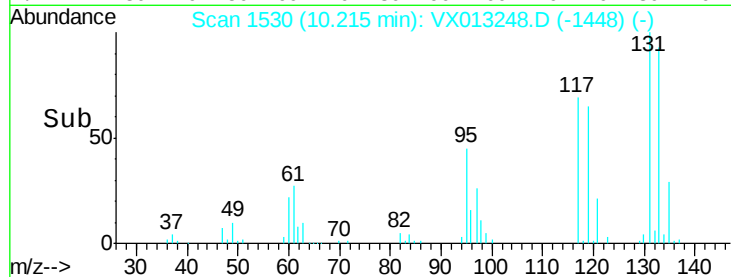
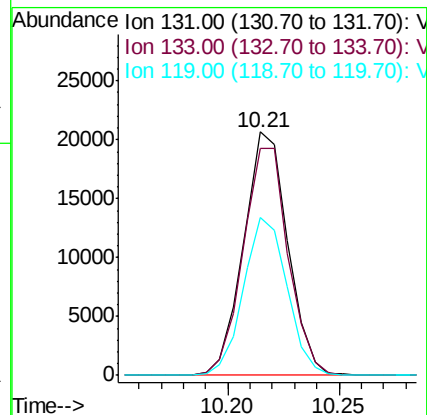
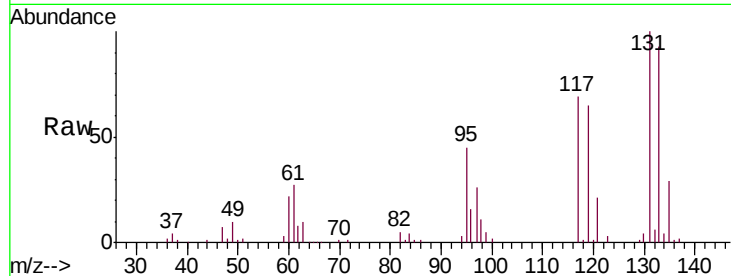
Tgt Ion: 131 Resp: 28646

Ion Ratio Lower Upper

131 100

133 95.2 0.0 191.0

119 64.1 0.0 125.6



#66

Ethyl Benzene

Concen: 18.674 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013248.D

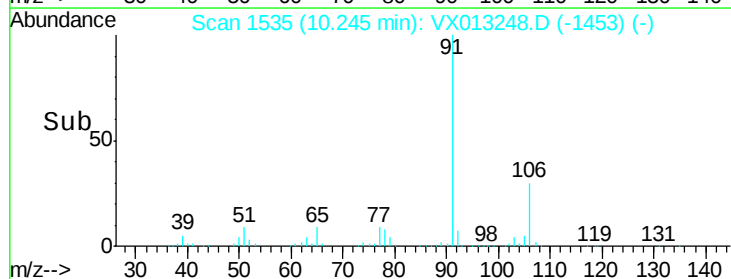
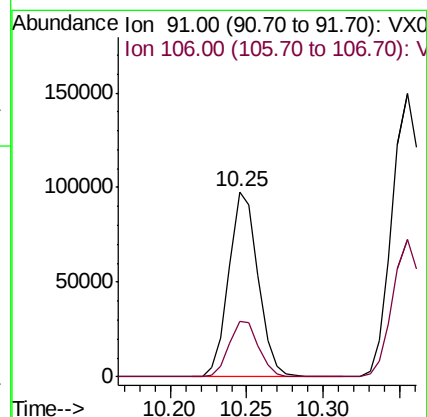
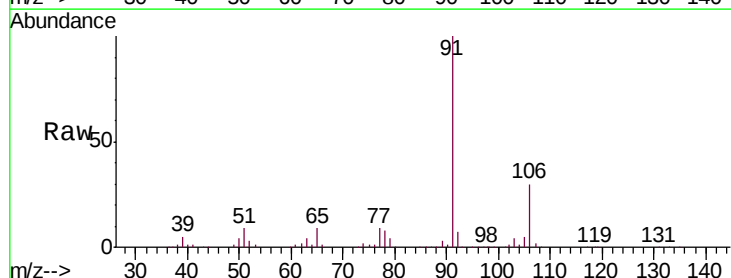
Acq: 28 Oct 2019 15:16

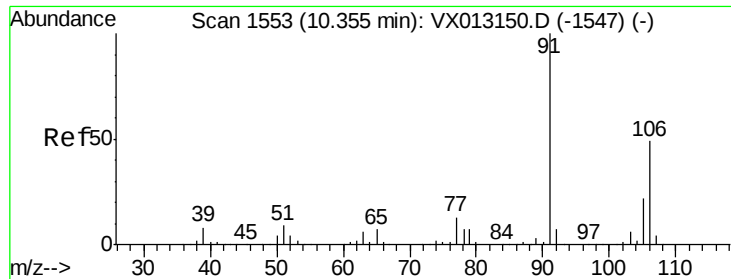
Tgt Ion: 91 Resp: 130262

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6

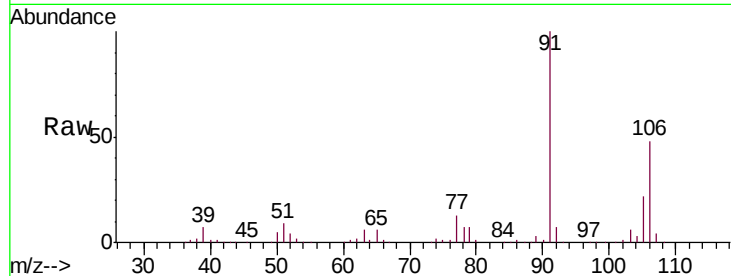




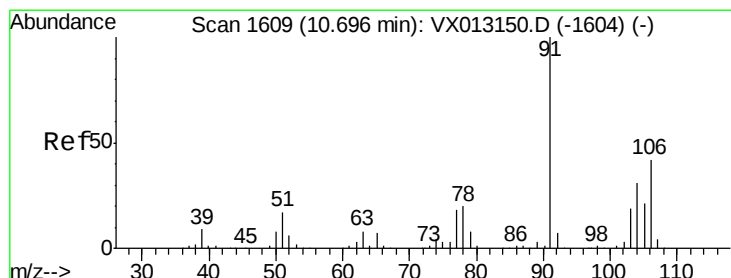
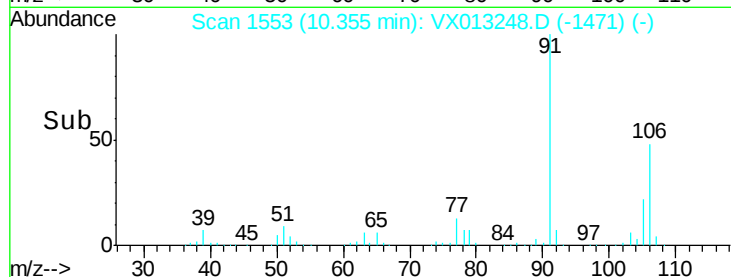
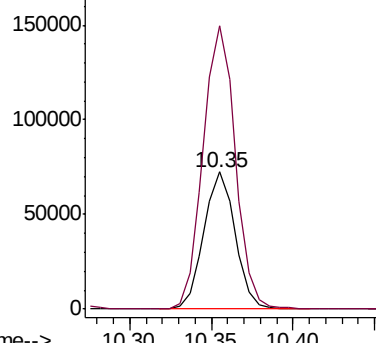
#67
m/p-Xylenes
Concen: 36.875 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

Tgt Ion:106 Resp: 97763
Ion Ratio Lower Upper
106 100
91 210.6 163.7 245.5

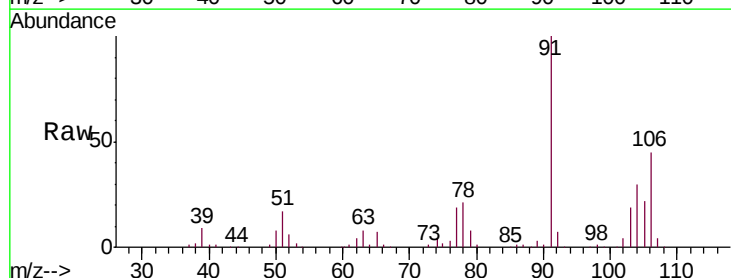


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

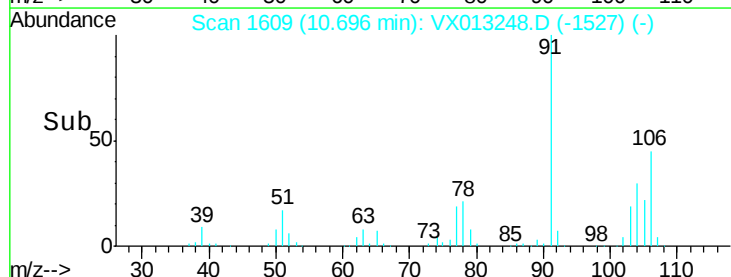
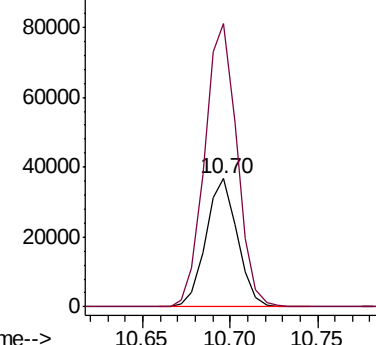


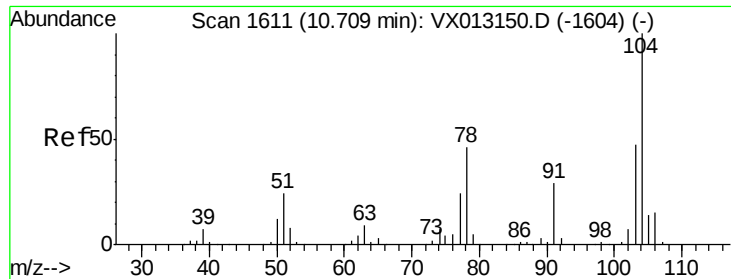
#68
o-Xylene
Concen: 18.228 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion:106 Resp: 46132
Ion Ratio Lower Upper
106 100
91 225.7 113.6 340.8



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

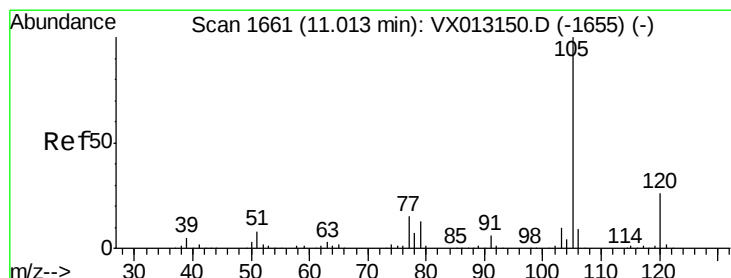
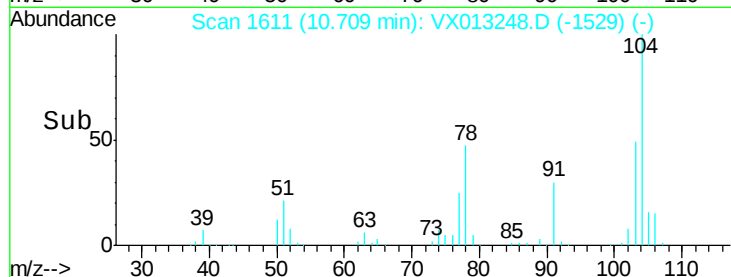
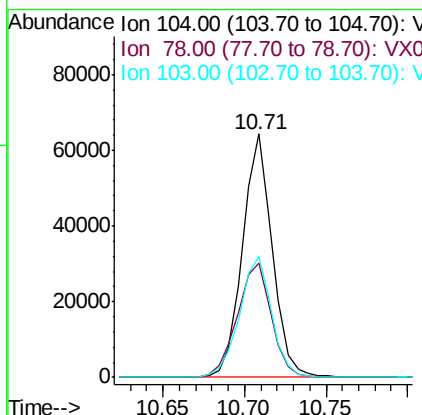
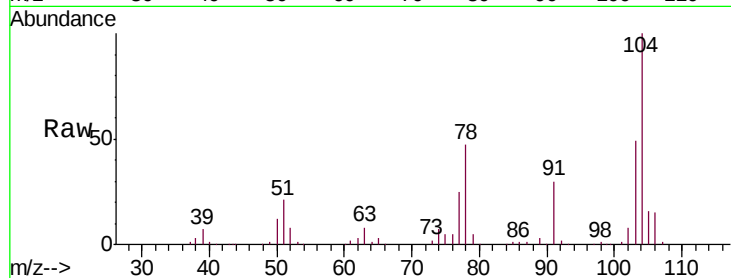




#69
Styrene
Concen: 18.810 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

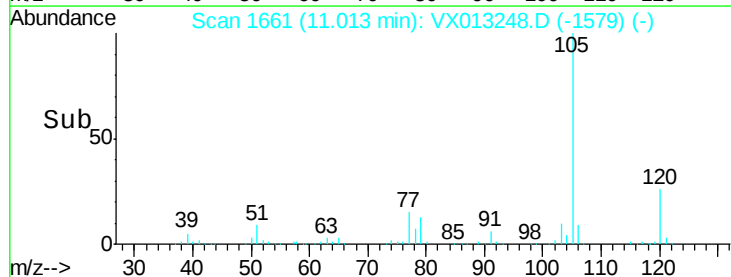
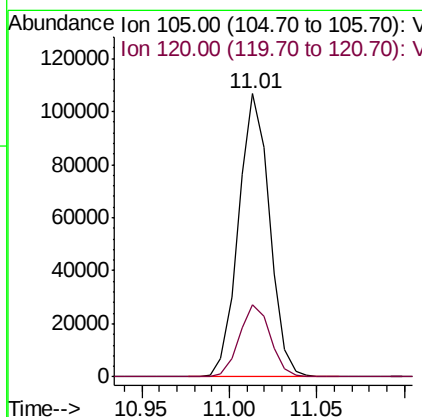
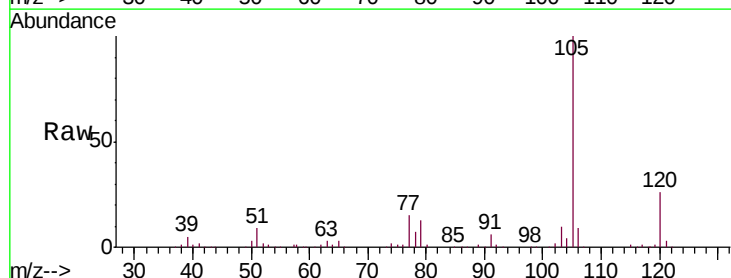
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

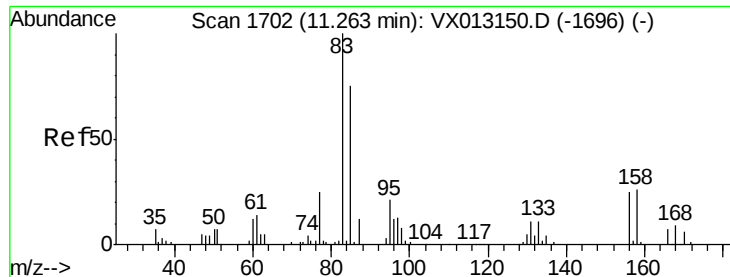
Tgt Ion:104 Resp: 81923
Ion Ratio Lower Upper
104 100
78 53.6 42.3 63.5
103 53.9 42.2 63.2



#70
Isopropylbenzene
Concen: 18.932 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion:105 Resp: 131475
Ion Ratio Lower Upper
105 100
120 25.5 18.1 33.7

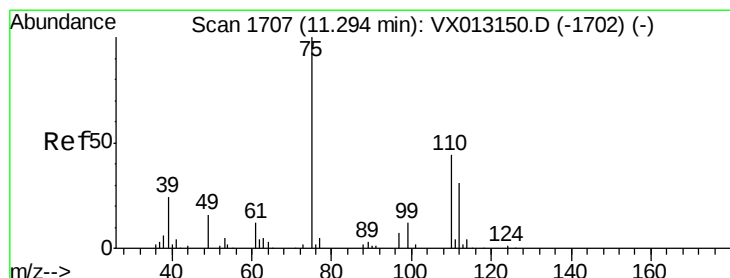
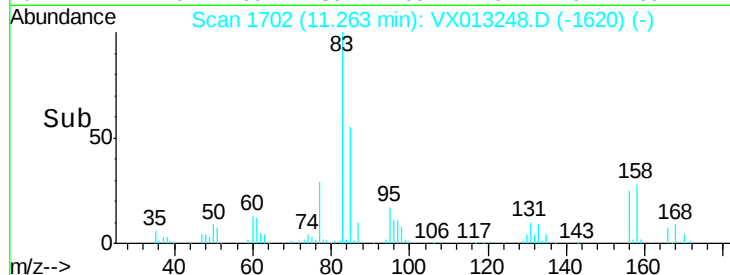
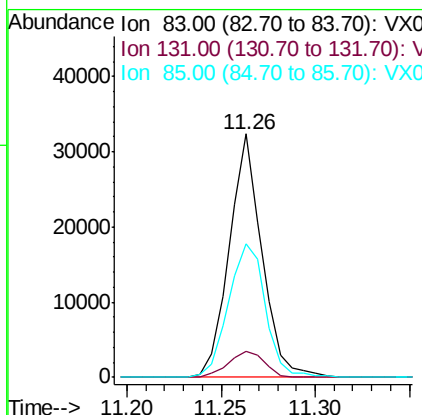
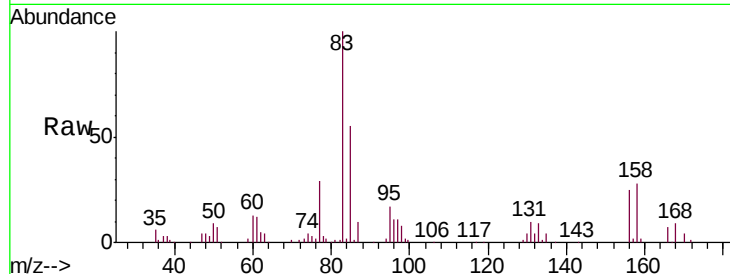




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.240 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

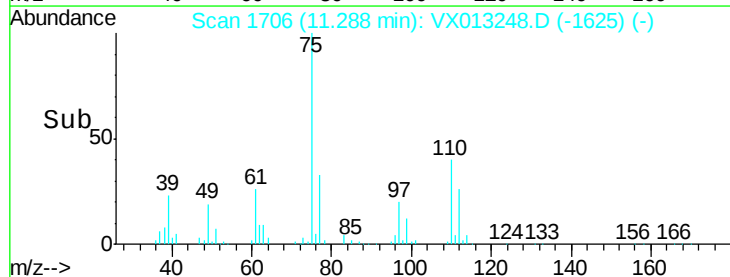
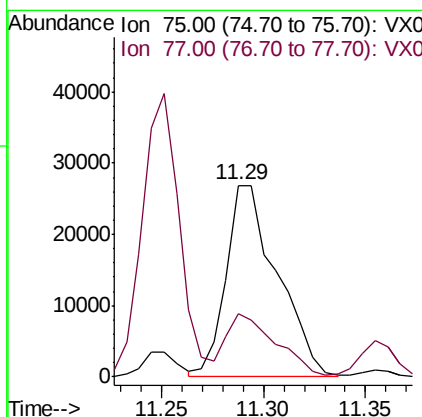
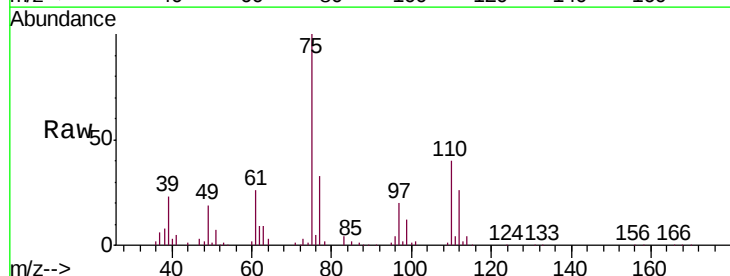
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

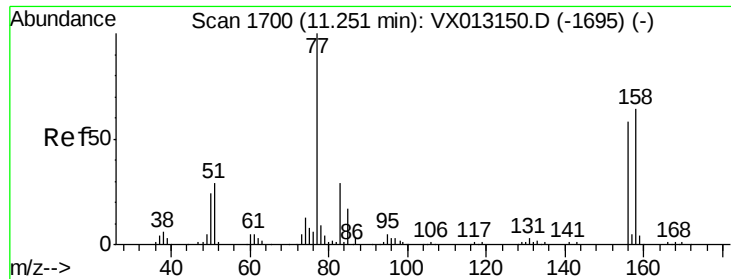
Tgt Ion: 83 Resp: 38816
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.5 16.4
 85 62.6 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 25.384 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion: 75 Resp: 46918
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 74.0





#73

Bromobenzene

Concen: 18.520 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

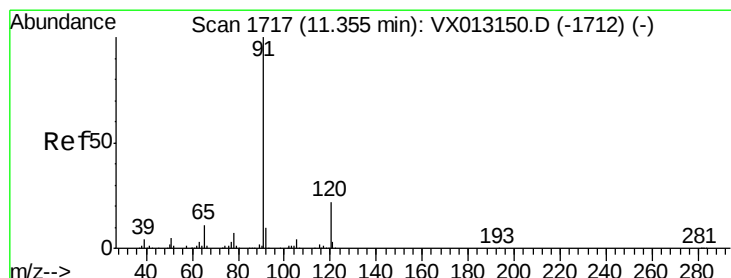
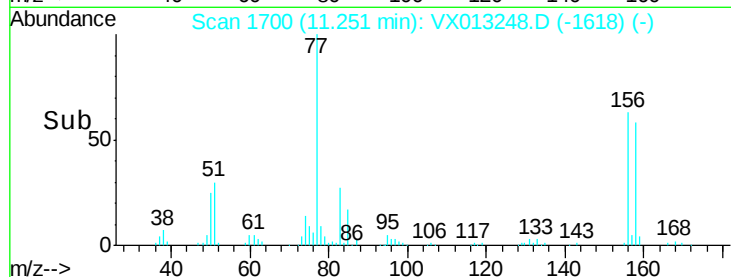
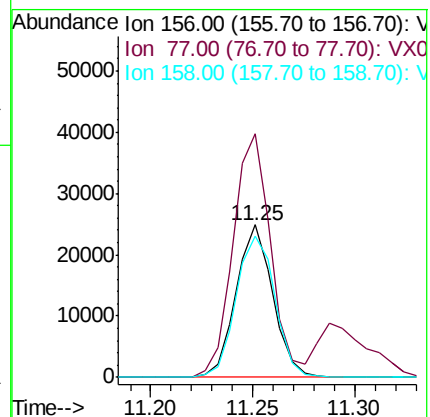
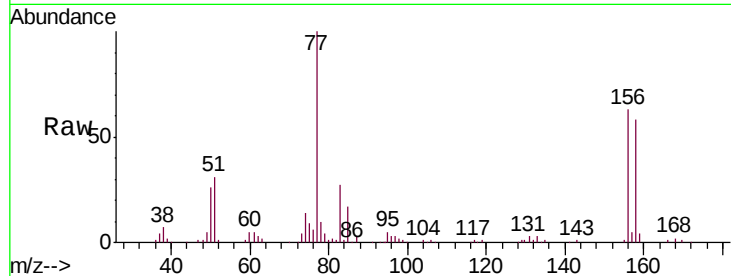
Tgt Ion:156 Resp: 30865

Ion Ratio Lower Upper

156 100

77 163.4 0.0 328.0

158 98.2 0.0 196.2



#74

n-propylbenzene

Concen: 18.466 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013248.D

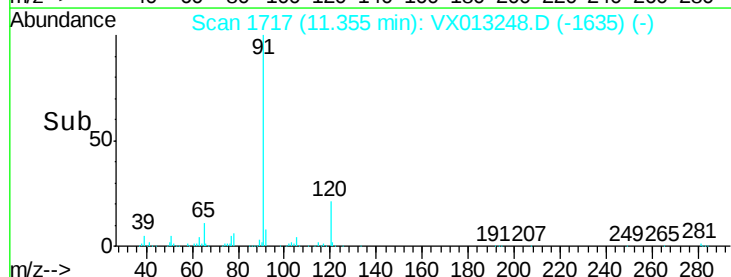
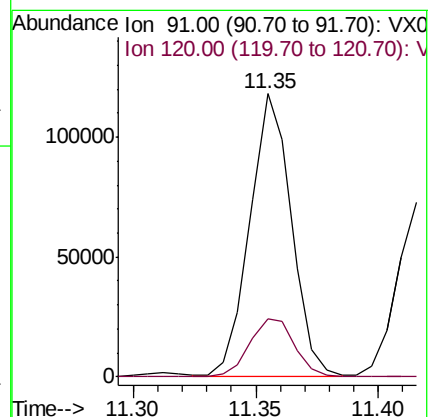
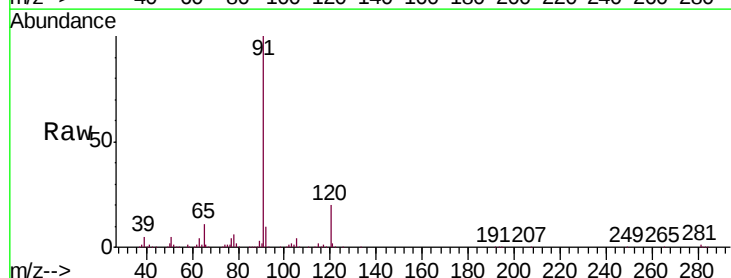
Acq: 28 Oct 2019 15:16

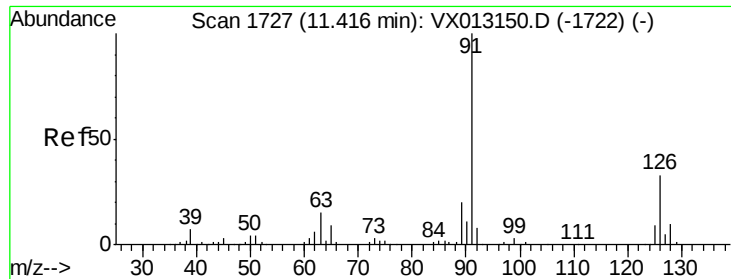
Tgt Ion: 91 Resp: 140759

Ion Ratio Lower Upper

91 100

120 22.1 0.0 45.2





#75

2-Chlorotoluene

Concen: 18.813 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampled :

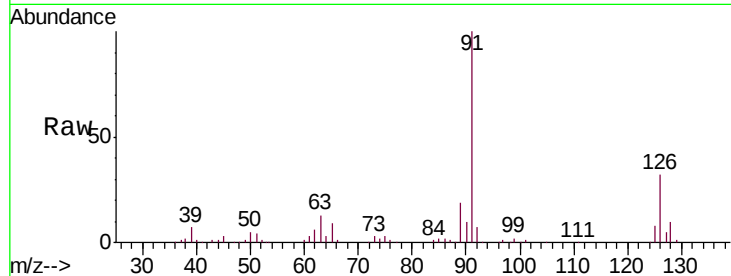
VX1028WBSD02

Tgt Ion: 91 Resp: 89730

Ion Ratio Lower Upper

91 100

126 32.1 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX013150.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013150.D (-1722) (-)

100000

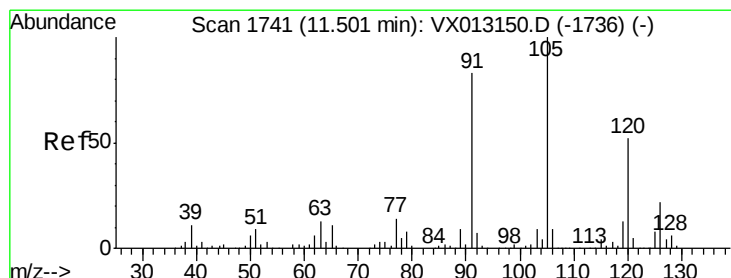
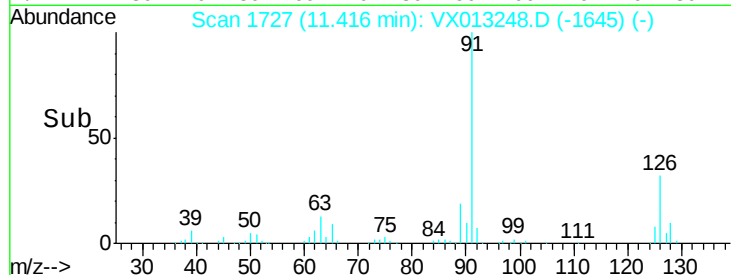
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.354 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013248.D

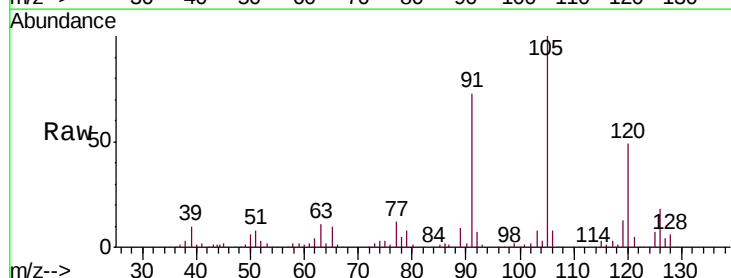
Acq: 28 Oct 2019 15:16

Tgt Ion: 105 Resp: 112827

Ion Ratio Lower Upper

105 100

120 48.1 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX013150.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013150.D (-1736) (-)

100000

80000

60000

40000

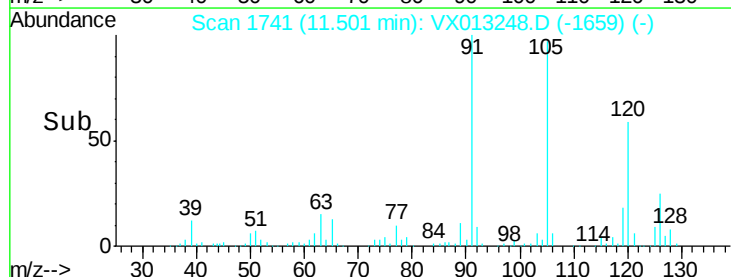
20000

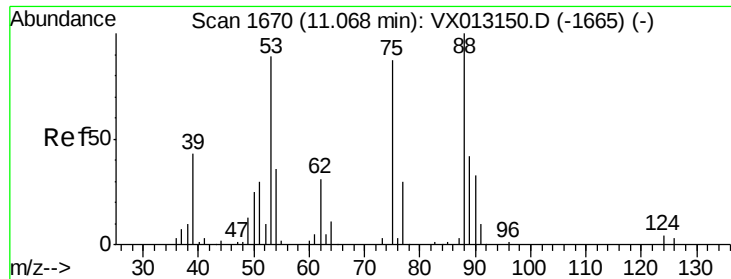
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.758 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

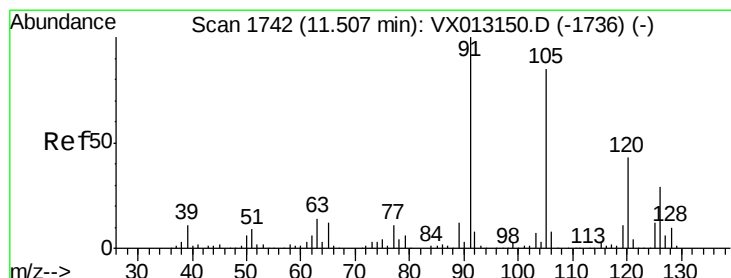
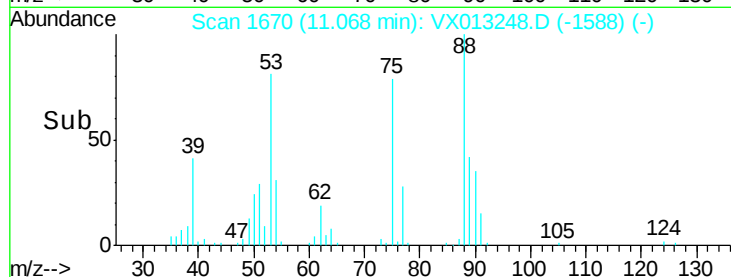
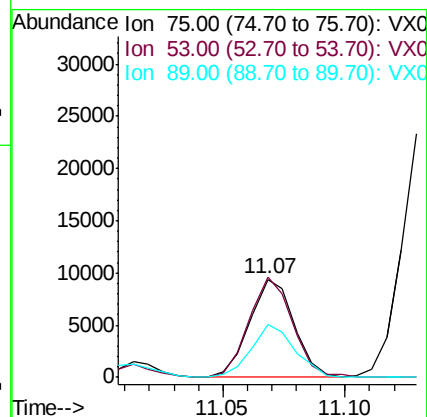
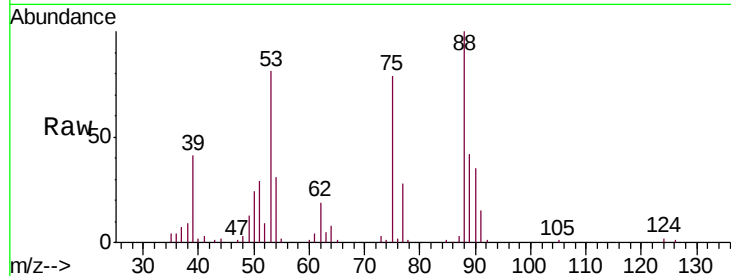
Tgt Ion: 75 Resp: 12026

Ion Ratio Lower Upper

75 100

53 102.9 51.1 153.4

89 53.8 24.1 72.4



#78

4-Chlorotoluene

Concen: 19.072 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013248.D

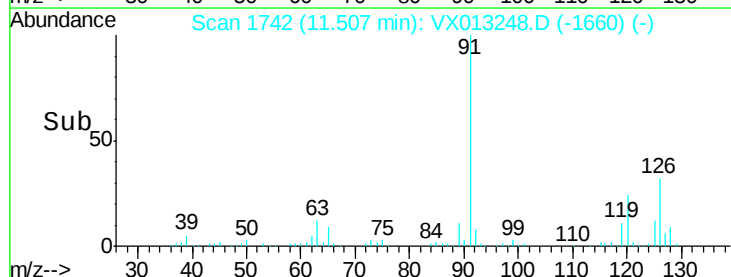
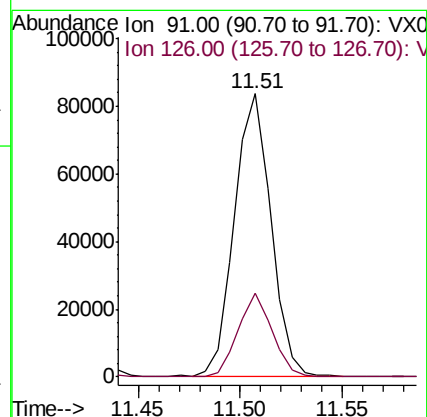
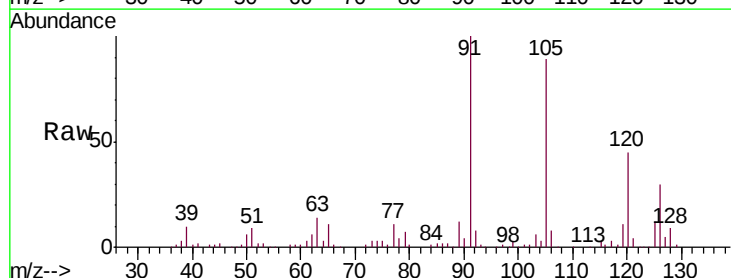
Acq: 28 Oct 2019 15:16

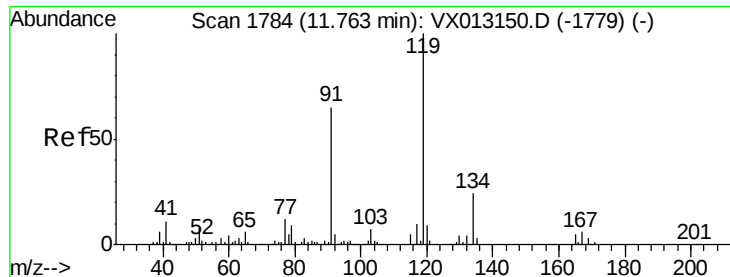
Tgt Ion: 91 Resp: 103940

Ion Ratio Lower Upper

91 100

126 27.7 0.0 58.4

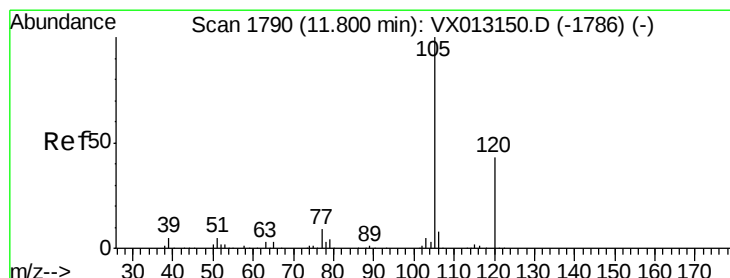
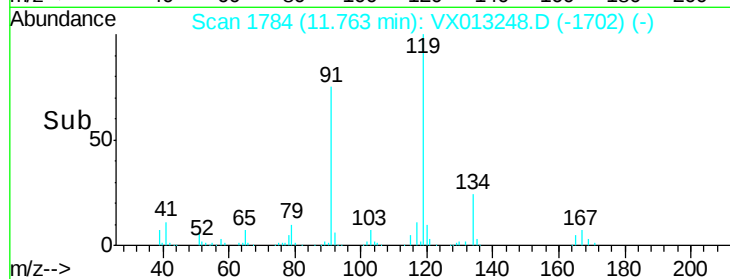
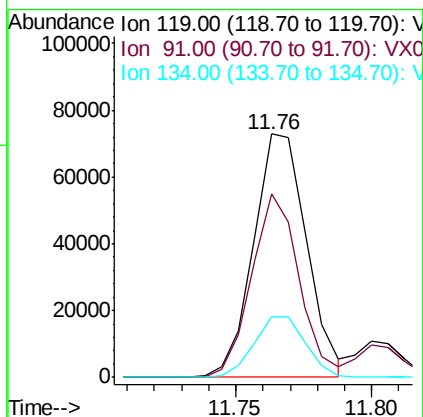
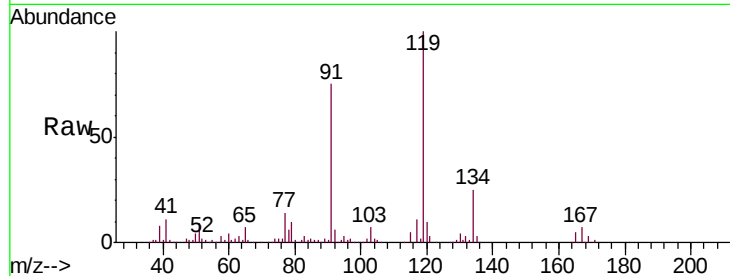




#79
tert-butylbenzene
Concen: 17.551 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

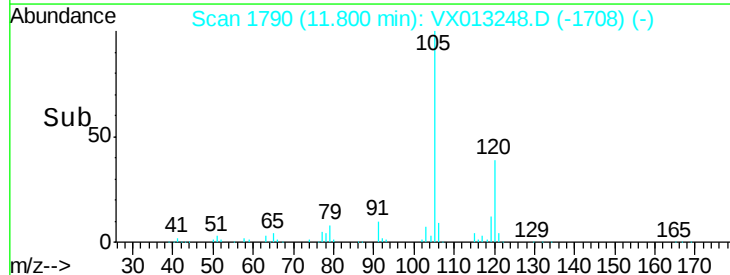
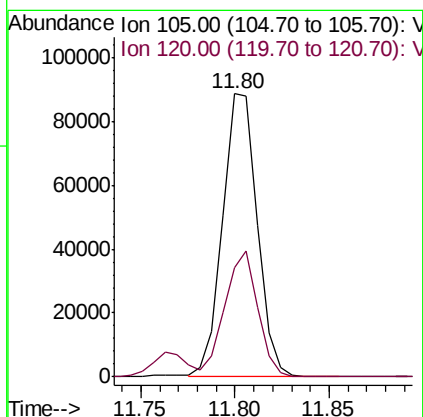
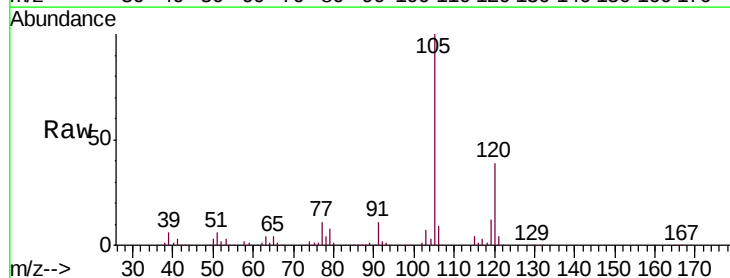
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD02

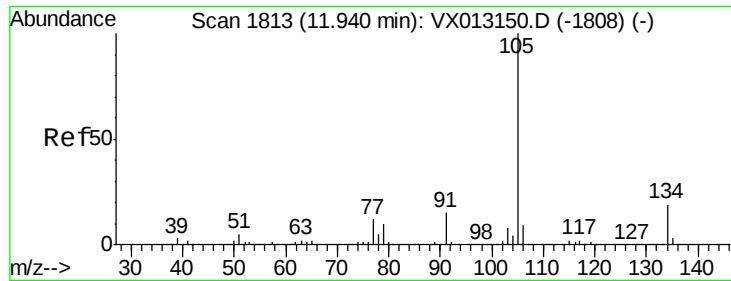
Tgt Ion:119 Resp: 98520
Ion Ratio Lower Upper
119 100
91 67.7 0.0 128.4
134 24.3 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 19.431 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion:105 Resp: 113163
Ion Ratio Lower Upper
105 100
120 41.7 0.0 87.4

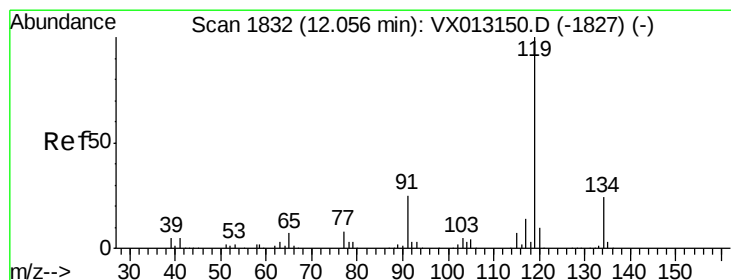
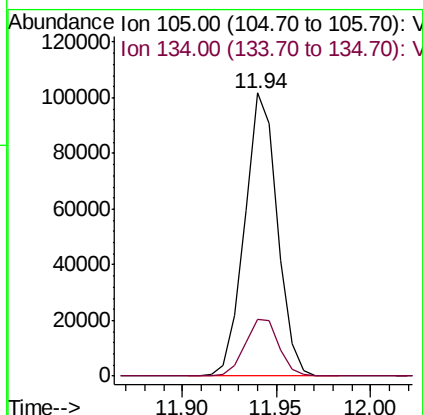
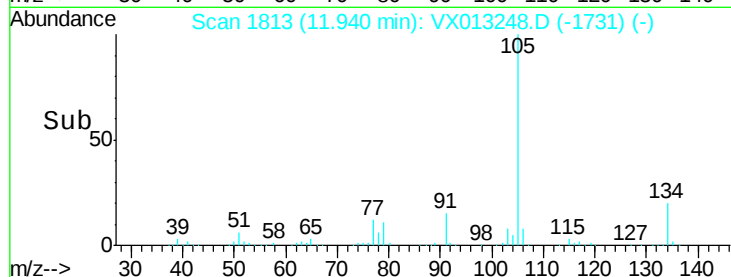
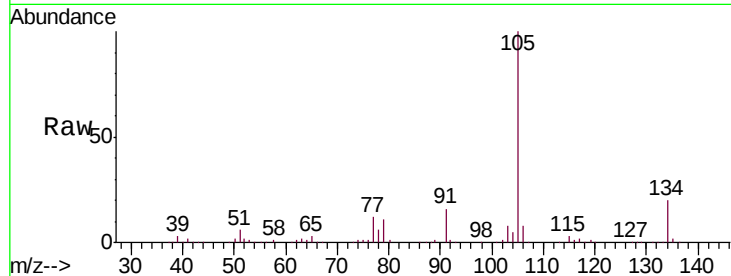




#81
 sec-Butylbenzene
 Concen: 18.255 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

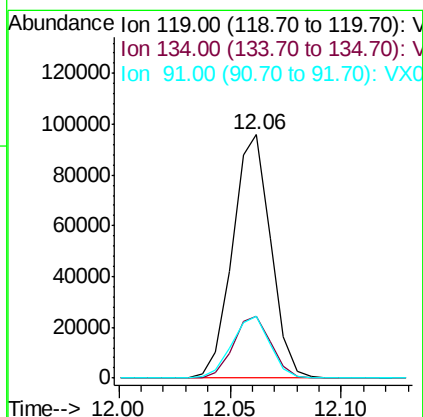
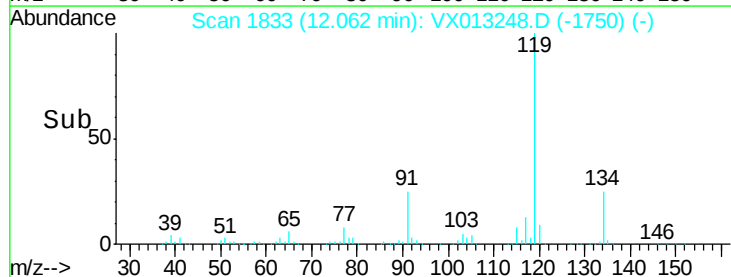
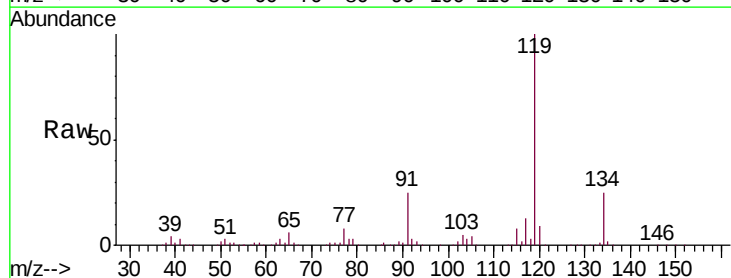
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

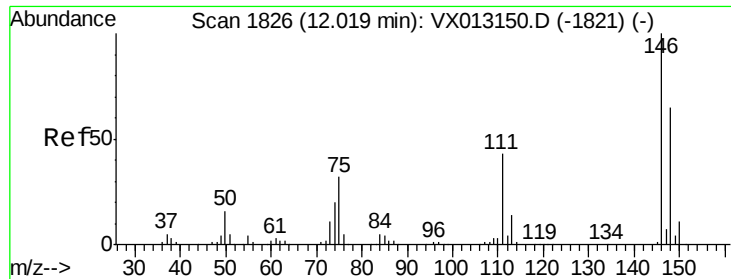
Tgt Ion:105 Resp: 122080
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 18.672 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion:119 Resp: 114170
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.6
 91 25.6 0.0 50.0

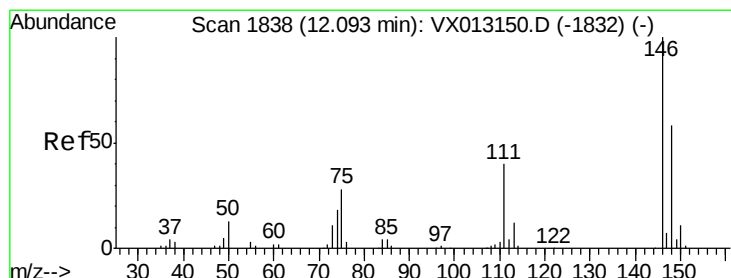
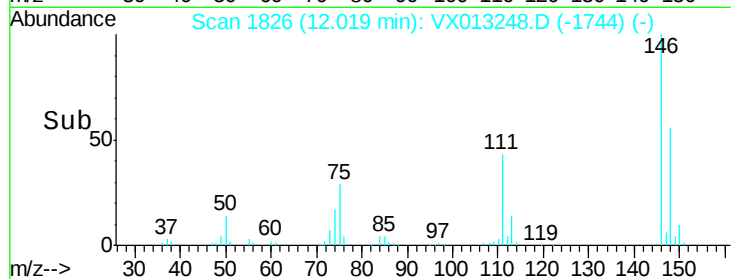
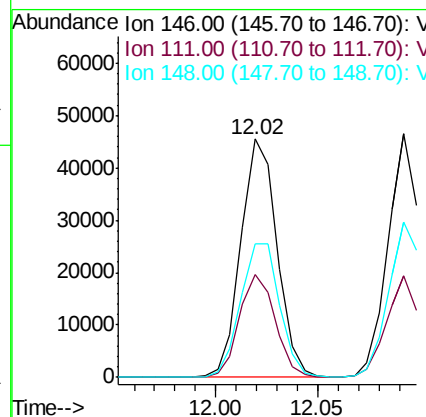
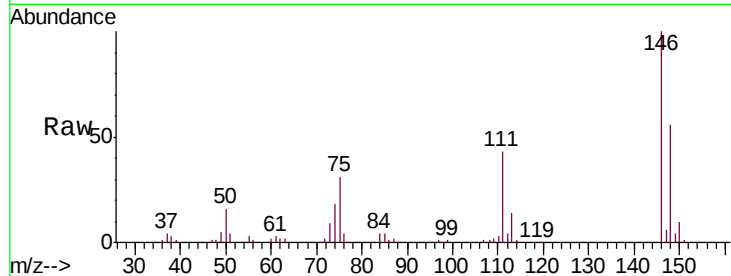




#83
 1,3-Dichlorobenzene
 Concen: 18.428 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

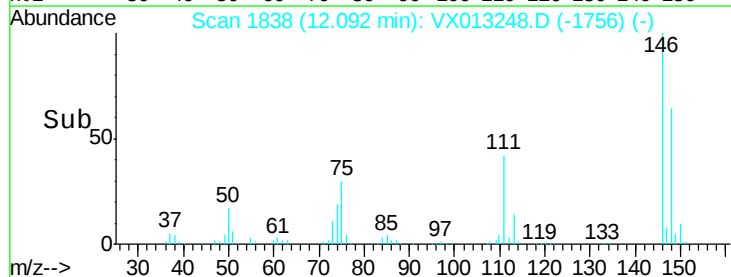
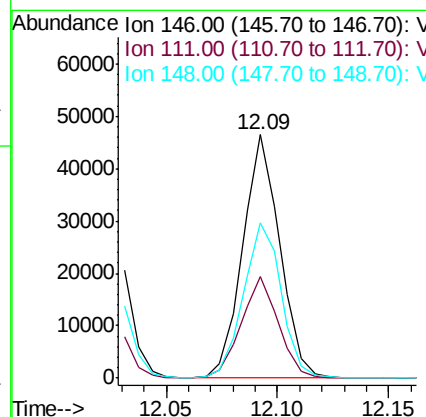
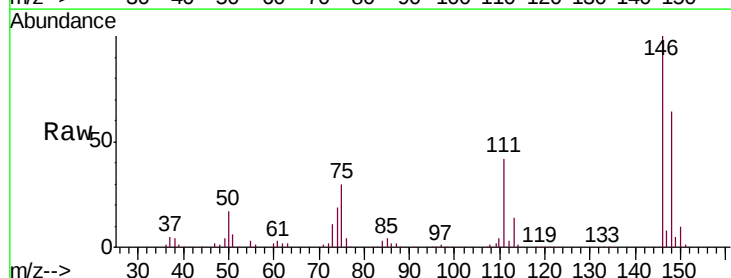
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

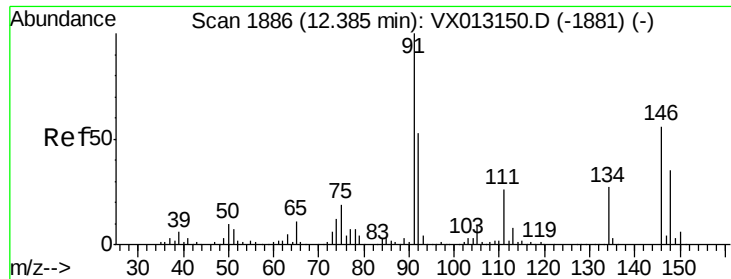
Tgt Ion:146 Resp: 56088
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.8 65.4
 148 60.5 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 17.939 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion:146 Resp: 53998
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.9
 148 65.1 31.4 94.2

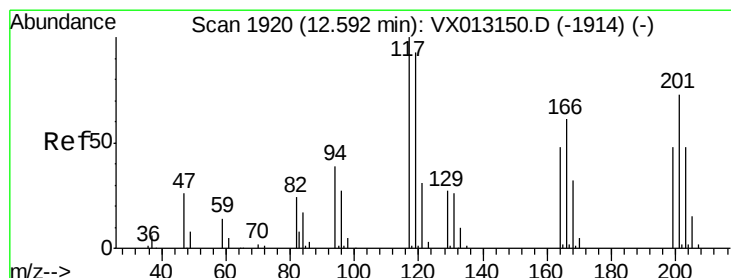
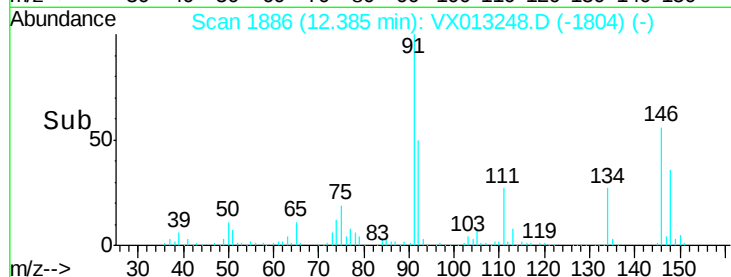
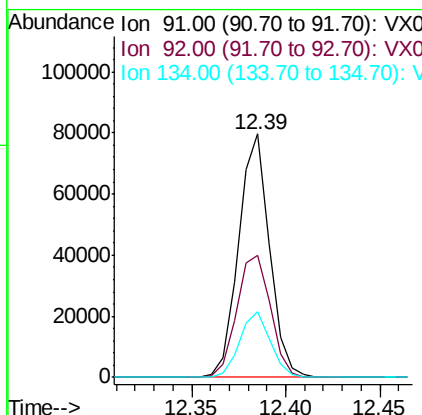
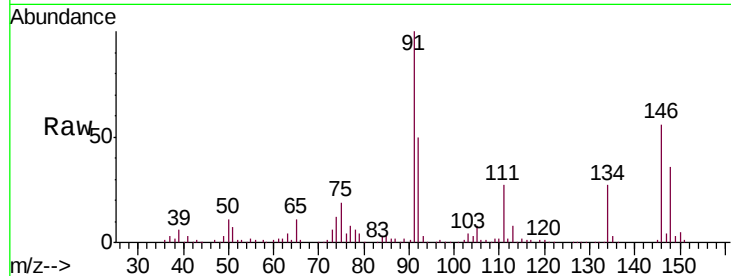




#85
n-Butylbenzene
Concen: 17.449 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

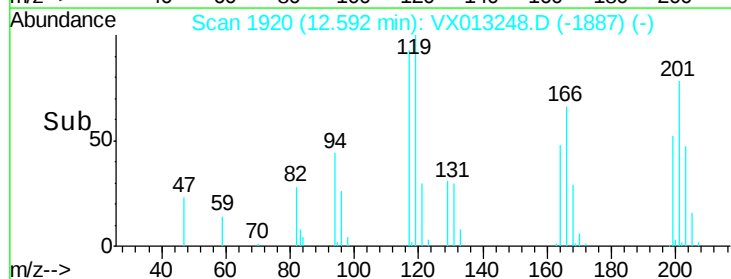
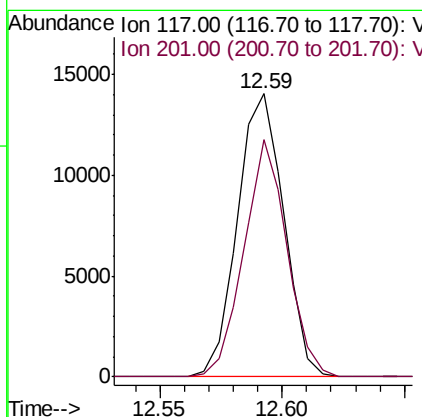
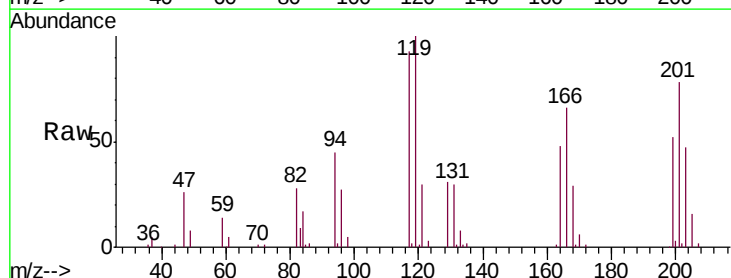
Instrument :
MSVOA_X
ClientSampleID :
VX1028WBSD02

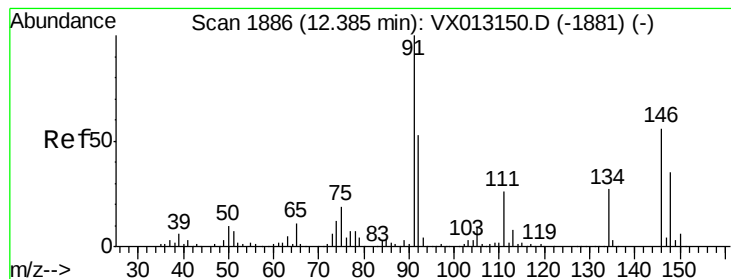
Tgt Ion: 91 Resp: 90627
Ion Ratio Lower Upper
91 100
92 54.7 0.0 106.8
134 26.8 0.0 52.4



#86
Hexachloroethane
Concen: 17.373 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013248.D
Acq: 28 Oct 2019 15:16

Tgt Ion: 117 Resp: 18541
Ion Ratio Lower Upper
117 100
201 77.8 35.9 107.5





#87

1,2-Dichlorobenzene

Concen: 18.638 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

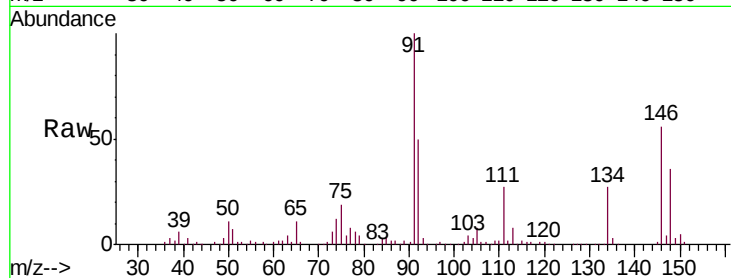
Tgt Ion:146 Resp: 55029

Ion Ratio Lower Upper

146 100

111 45.4 22.5 67.5

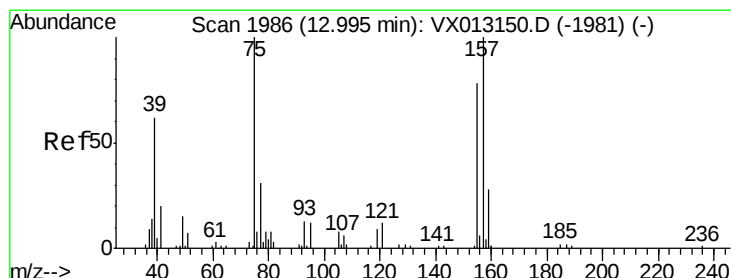
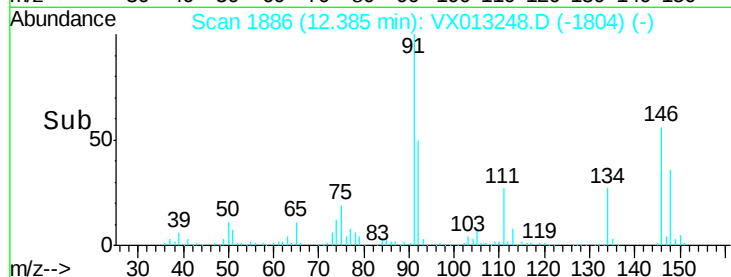
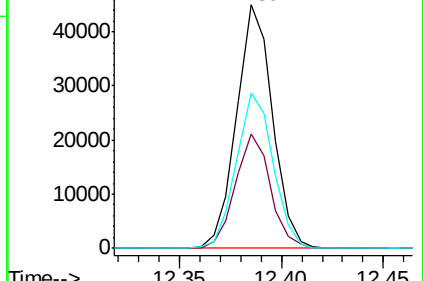
148 65.0 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.836 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

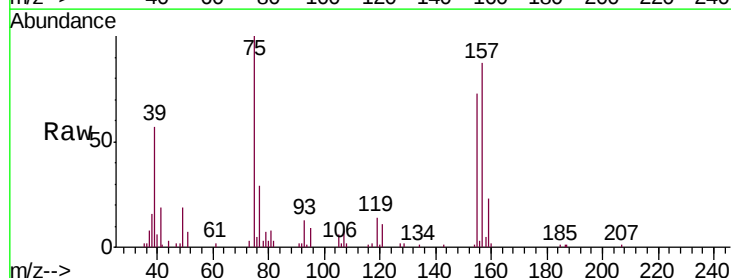
Tgt Ion: 75 Resp: 9877

Ion Ratio Lower Upper

75 100

155 79.2 65.4 98.0

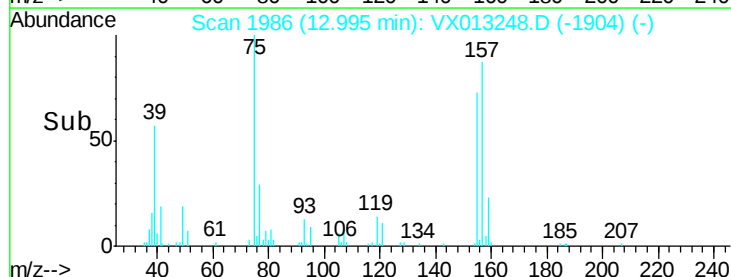
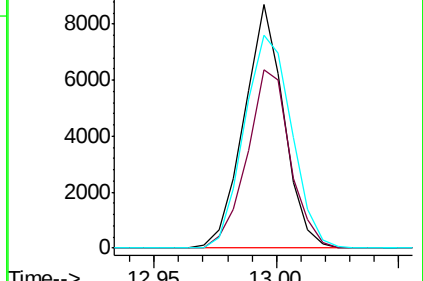
157 104.1 84.1 126.1

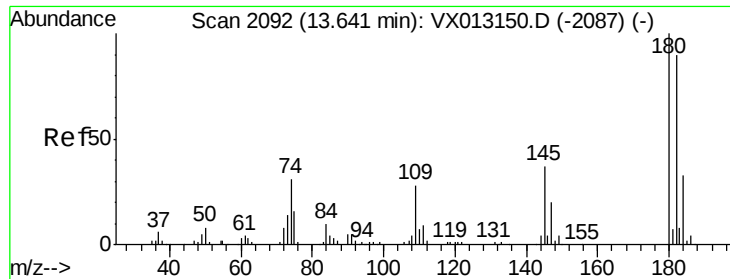


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

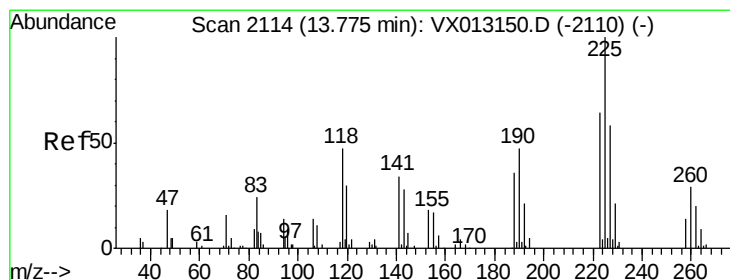
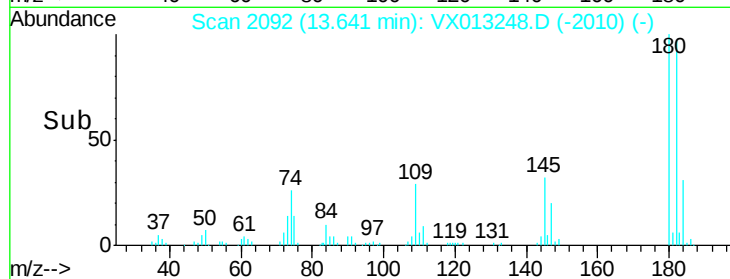
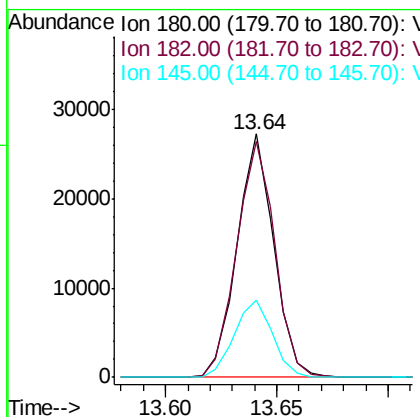
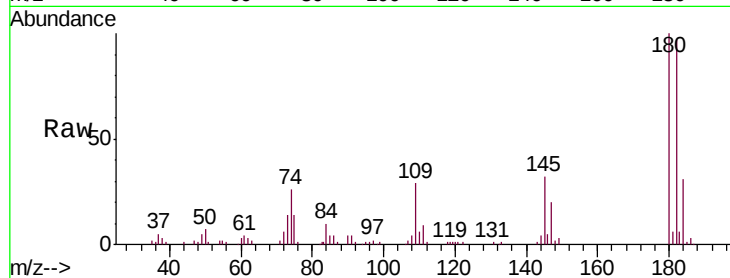




#89
 1,2,4-Trichlorobenzene
 Concen: 17.127 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

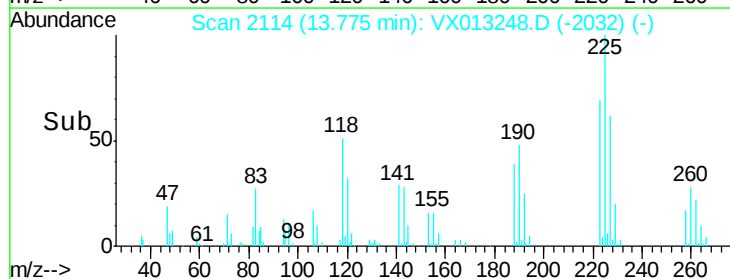
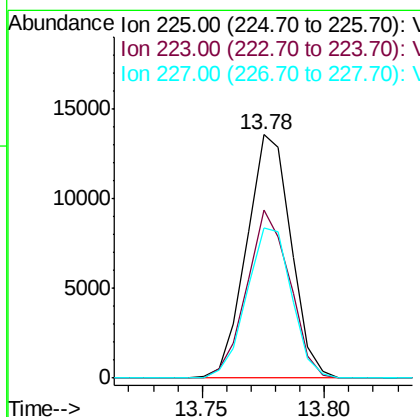
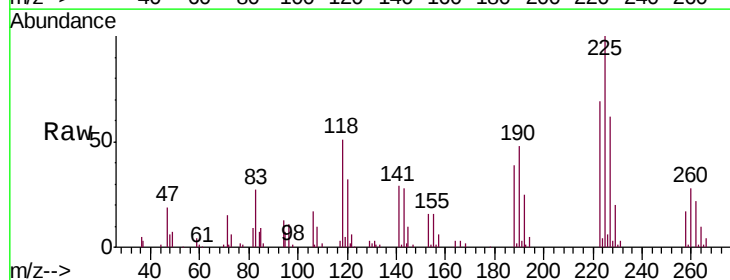
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD02

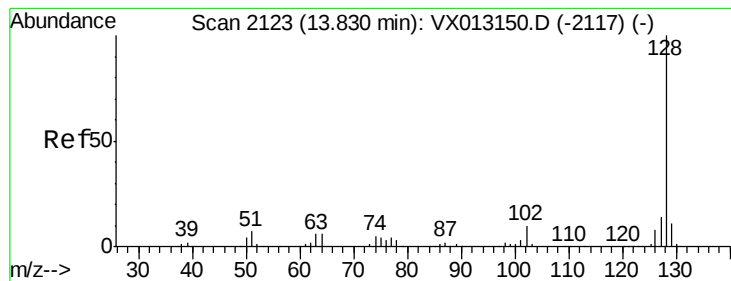
Tgt Ion:180 Resp: 31449
 Ion Ratio Lower Upper
 180 100
 182 99.9 76.1 114.1
 145 32.9 27.4 41.2



#90
 Hexachlorobutadiene
 Concen: 18.503 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013248.D
 Acq: 28 Oct 2019 15:16

Tgt Ion:225 Resp: 17250
 Ion Ratio Lower Upper
 225 100
 223 66.5 0.0 131.2
 227 62.5 0.0 127.0





#91

Naphthalene

Concen: 17.432 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD02

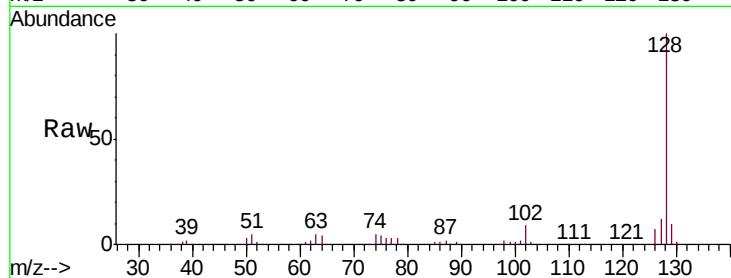
Tgt Ion:128 Resp: 104118

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

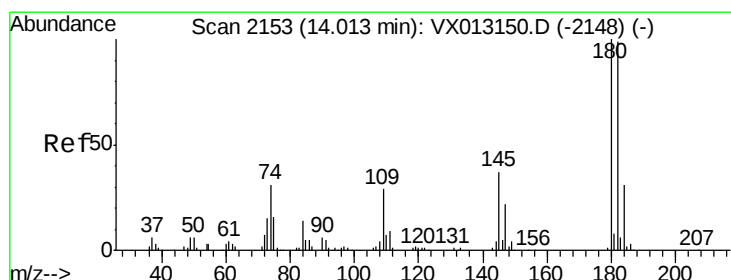
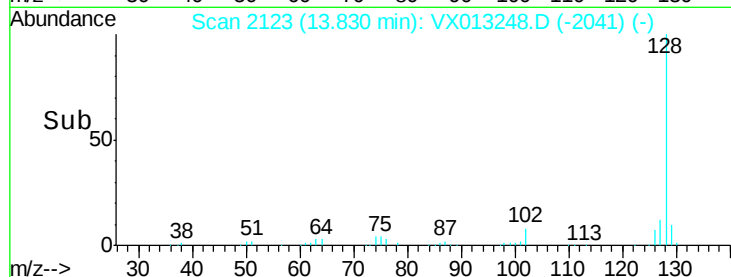
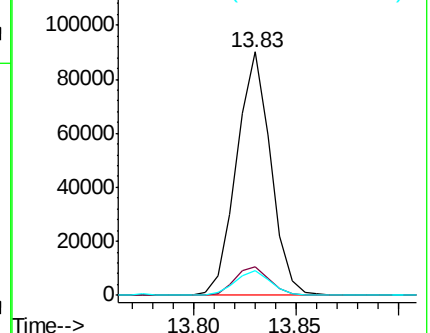
129 10.7 8.6 12.8



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: 17.623 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013248.D

Acq: 28 Oct 2019 15:16

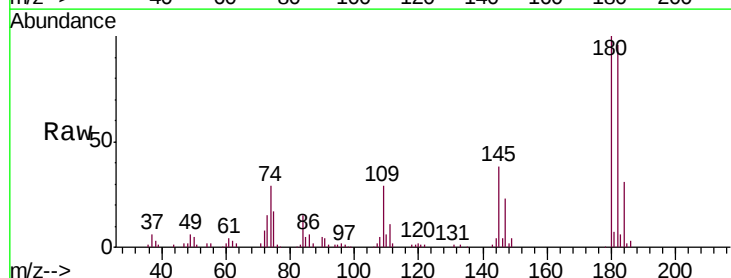
Tgt Ion:180 Resp: 33153

Ion Ratio Lower Upper

180 100

182 95.2 0.0 194.4

145 37.7 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

