

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009374.D
 Acq On : 07 May 2019 13:11
 Operator : JC/SP
 Sample : VX0507WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

Quant Time: May 08 02:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31161	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	174629	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	155007	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74149	28.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.60%
60) 4-Bromofluorobenzene	11.13	95	76553	29.06	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.87%
63) Toluene-d8	8.71	98	220143	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	30111	18.185	ug/l 100
3) Chloromethane	1.32	50	41510	18.651	ug/l 99
4) Vinyl Chloride	1.40	62	41004	18.468	ug/l 99
5) Bromomethane	1.64	94	24203	17.197	ug/l 99
6) Chloroethane	1.72	64	27941	19.189	ug/l 100
7) Trichlorofluoromethane	1.93	101	53521	19.521	ug/l 97
8) Diethyl Ether	2.19	74	24703	19.404	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32835	19.344	ug/l 99
10) 1,1-Dichloroethene	2.37	96	32703	19.187	ug/l 95
11) Methyl Iodide	2.51	142	31259	16.871	ug/l 100
12) Methyl Acetate	2.78	43	63340	19.730	ug/l 99
13) Acrolein	2.29	56	35193	79.927	ug/l 100
14) Acrylonitrile	3.14	53	140140	100.587	ug/l 99
15) Acetone	2.44	58	38832	97.077	ug/l 97
16) Carbon Disulfide	2.57	76	82167	17.818	ug/l 99
17) Allyl chloride	2.73	41	76770	18.762	ug/l 99
18) Methylene Chloride	2.85	84	41232	20.017	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	35175	19.356	ug/l 97
20) Diisopropyl ether	3.85	45	160794	19.955	ug/l 96
21) 1,1-Dichloroethane	3.70	63	76293	19.564	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	42711	19.512	ug/l 99
23) tert-Butyl Alcohol	3.04	59	56514	95.930	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	131613	19.732	ug/l 100
25) Chloroform	5.21	83	71394	20.062	ug/l 99
26) Cyclohexane	5.58	56	68981	18.980	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	50841	19.841	ug/l 99
30) 2-Butanone	4.67	43	208382	103.842	ug/l 99
31) 2,2-Dichloropropane	4.58	77	55006	19.472	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	57573	20.726	ug/l 97
33) Carbon Tetrachloride	5.79	117	47145	20.285	ug/l 97
34) Benzene	6.14	78	163145	20.652	ug/l 97
35) Methacrylonitrile	5.04	41	44177	21.042	ug/l 97
36) 1,2-Dichloroethane	6.20	62	60273	21.027	ug/l 99
37) Trichloroethene	7.21	130	38515	20.253	ug/l 90
38) Methylcyclohexane	7.46	83	61855	19.539	ug/l 100
39) 1,2-Dichloropropane	7.51	63	47264	21.010	ug/l 94
40) Dibromomethane	7.66	93	26771	20.967	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	54254	20.802	ug/l	94
42) Vinyl Acetate	3.81	43	693301	104.679	ug/l	100
43) Ethyl Acetate	4.83	43	76566	21.115	ug/l	97
44) Isopropyl Acetate	6.45	43	121009	20.600	ug/l	99
45) 1,4-Dioxane	7.74	88	23335	404.607	ug/l	96
46) Methyl methacrylate	7.77	41	60958	20.791	ug/l	98
47) n-amyl Acetate	10.90	43	107025	20.225	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	60072	19.741	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	66689	19.963	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	41219	21.071	ug/l	97
51) Ethyl methacrylate	9.18	69	73020	20.199	ug/l	98
52) 1,3-Dichloropropane	9.37	76	73565	21.190	ug/l	99
53) Dibromochloromethane	9.58	129	40169	20.619	ug/l	100
54) 1,2-Dibromoethane	9.67	107	41568	20.719	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	179166	93.011	ug/l	99
56) Bromoform	10.85	173	29626	19.810	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	404910	106.235	ug/l	99
59) 2-Hexanone	9.49	43	311463	104.186	ug/l	99
61) Tetrachloroethene	9.34	164	34567	20.229	ug/l	96
62) Toluene	8.78	91	171311	20.683	ug/l	99
64) Chlorobenzene	10.14	112	103127	20.688	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	37930	20.781	ug/l	99
66) Ethyl Benzene	10.25	91	186661	20.229	ug/l	98
67) m/p-Xylenes	10.36	106	138143	41.005	ug/l	99
68) o-Xylene	10.70	106	67487	20.373	ug/l	99
69) Styrene	10.71	104	119578	20.563	ug/l	100
70) Isopropylbenzene	11.02	105	182249	20.457	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	68704	21.057	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	79950	28.435	ug/l	83
73) Bromobenzene	11.26	156	45096	20.487	ug/l	100
74) n-propylbenzene	11.36	91	208109	20.158	ug/l	100
75) 2-Chlorotoluene	11.42	91	127011	20.511	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	153182	20.298	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	22017	19.413	ug/l	99
78) 4-Chlorotoluene	11.51	91	139962	19.901	ug/l	99
79) tert-butylbenzene	11.77	119	147346	20.197	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	152170	20.119	ug/l	99
81) sec-Butylbenzene	11.94	105	174425	20.124	ug/l	100
82) p-Isopropyltoluene	12.06	119	158324	20.081	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	78661	20.011	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	77804	19.866	ug/l	99
85) n-Butylbenzene	12.38	91	140459	19.469	ug/l	100
86) Hexachloroethane	12.59	117	26923	20.067	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	81143	20.506	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15778	20.810	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	55656	19.734	ug/l	99
90) Hexachlorobutadiene	13.78	225	28603	20.303	ug/l	98
91) Naphthalene	13.83	128	192955	20.896	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	59600	20.788	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

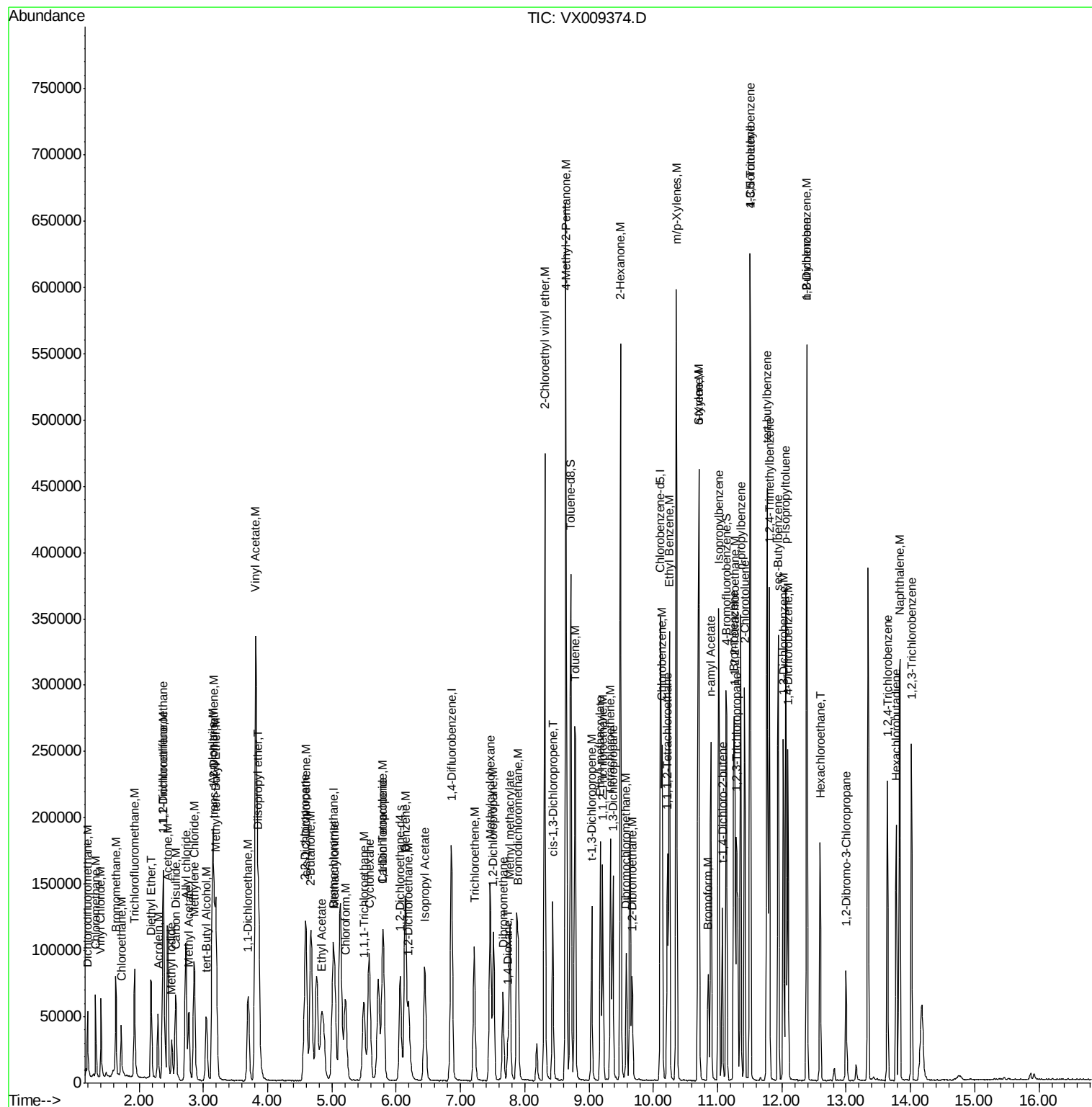
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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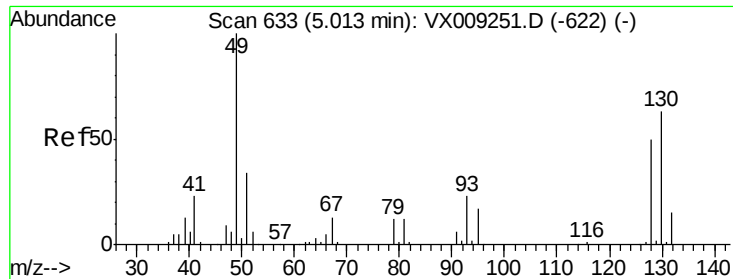
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: May 08 02:10:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

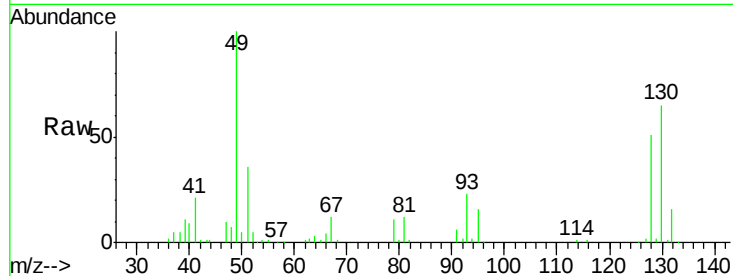
Tot Ion:128 Resp: 31161

Ion Ratio Lower Upper

128 100

49 193.9 0.0 515.0

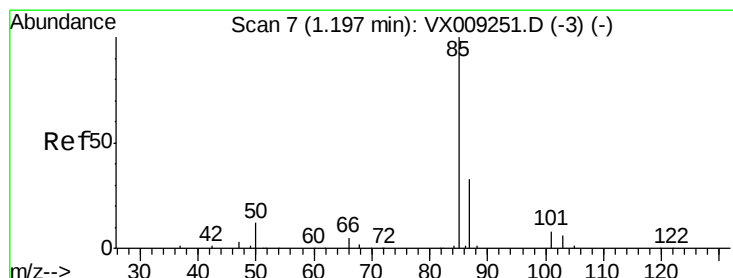
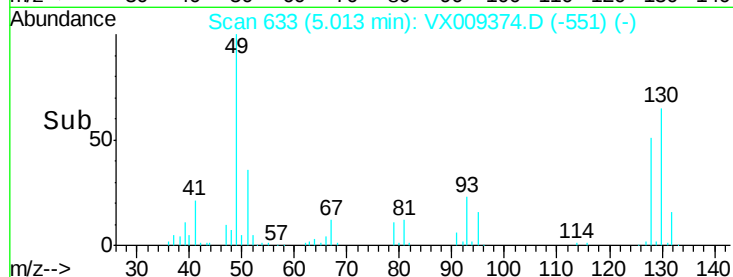
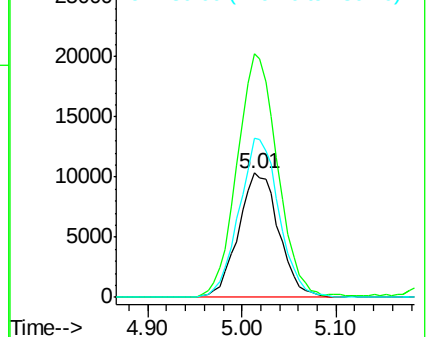
130 125.9 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.185 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009374.D

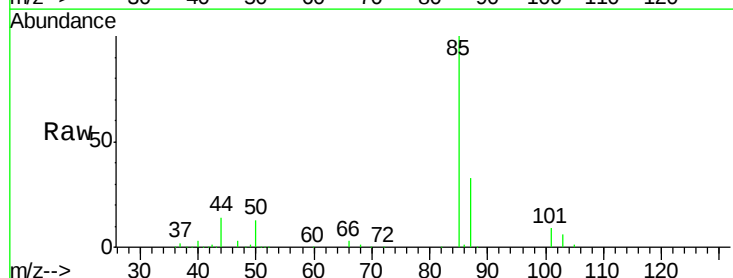
Acq: 07 May 2019 13:11

Tgt Ion: 85 Resp: 30111

Ion Ratio Lower Upper

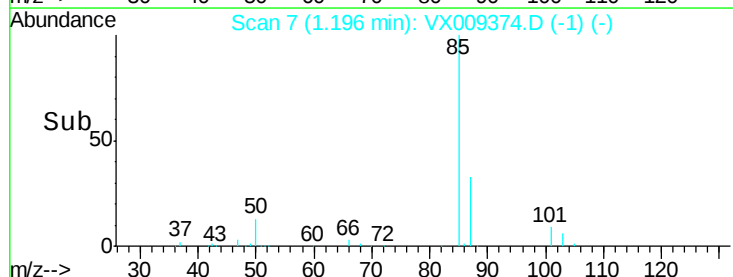
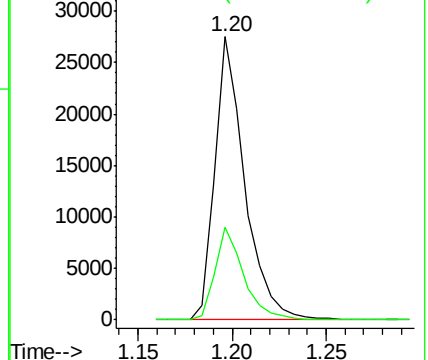
85 100

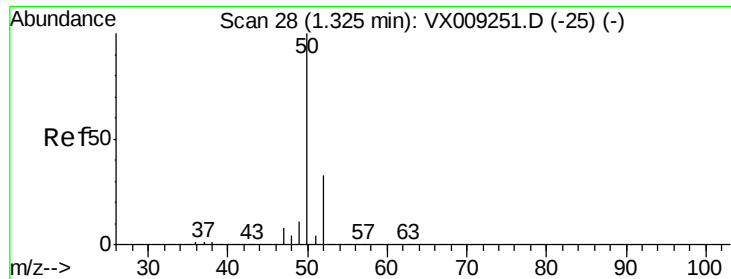
87 32.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.651 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

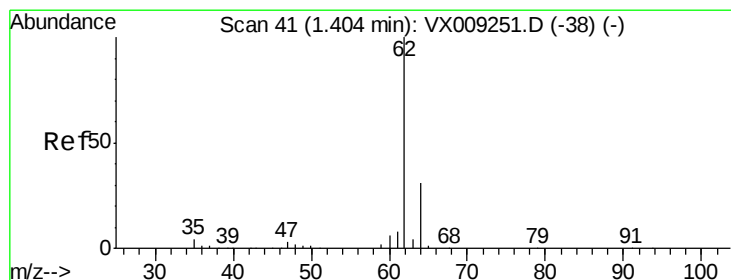
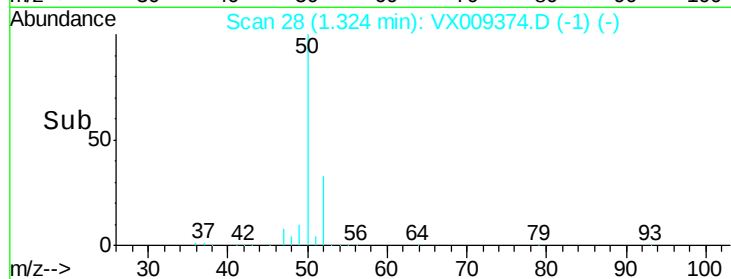
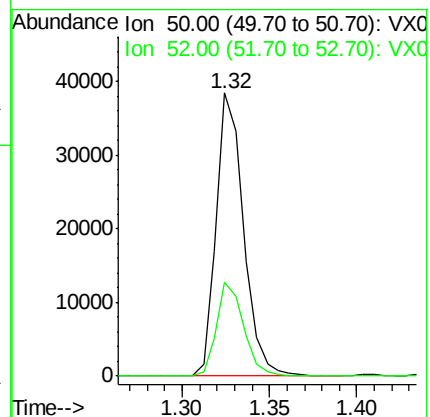
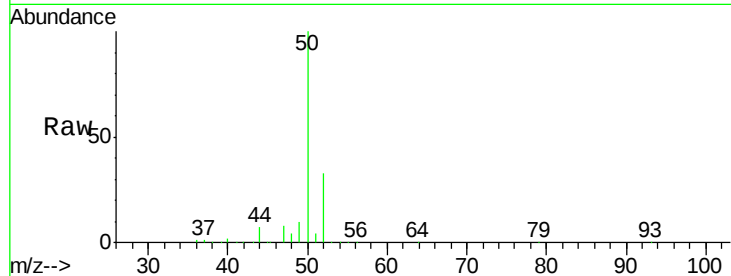
VX0507WBSD01

Tot Ion: 50 Resp: 41510

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 18.468 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX009374.D

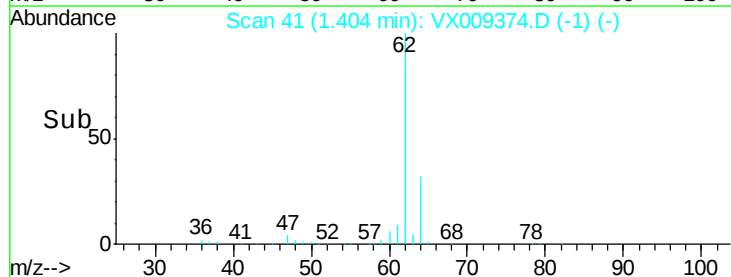
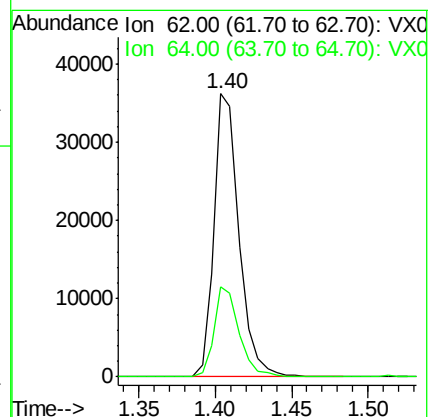
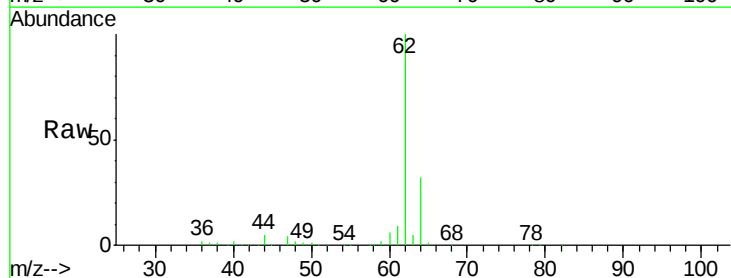
Acq: 07 May 2019 13:11

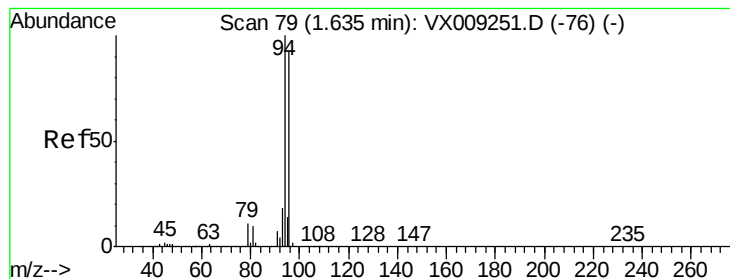
Tgt Ion: 62 Resp: 41004

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8





#5

Bromomethane

Concen: 17.197 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

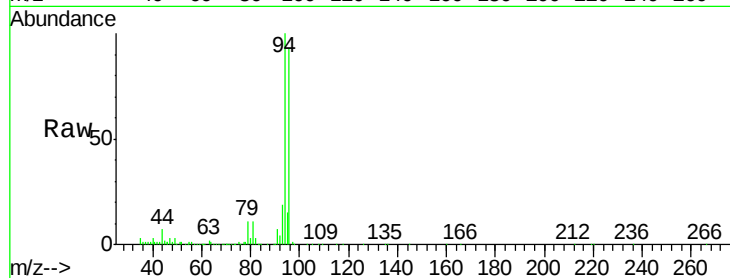
VX0507WBSD01

Tot Ion: 94 Resp: 24203

Ion Ratio Lower Upper

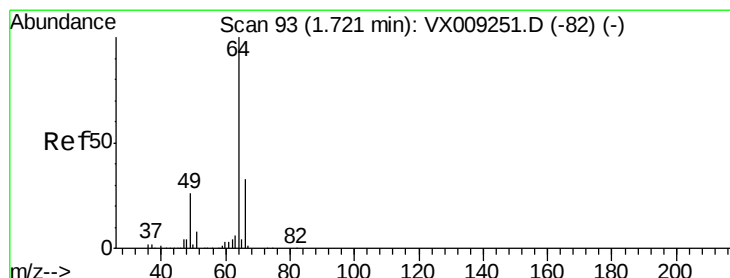
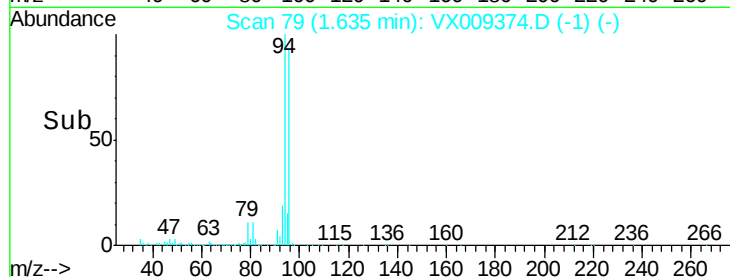
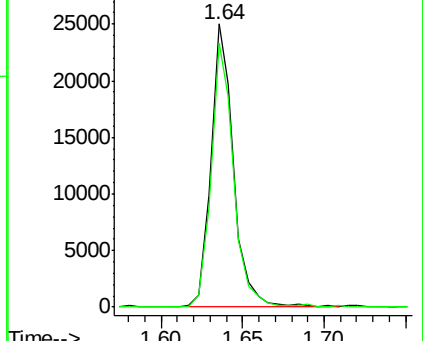
94 100

96 92.9 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.189 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009374.D

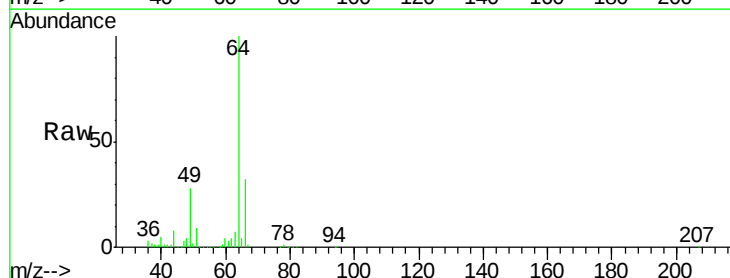
Acq: 07 May 2019 13:11

Tgt Ion: 64 Resp: 27941

Ion Ratio Lower Upper

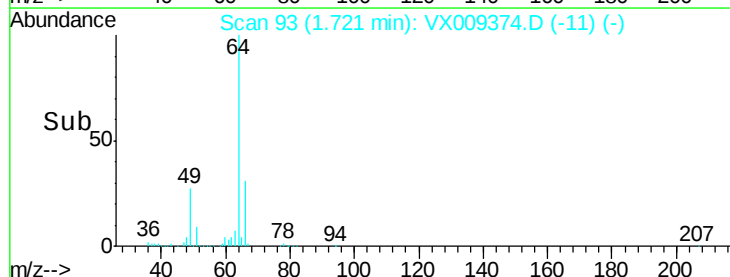
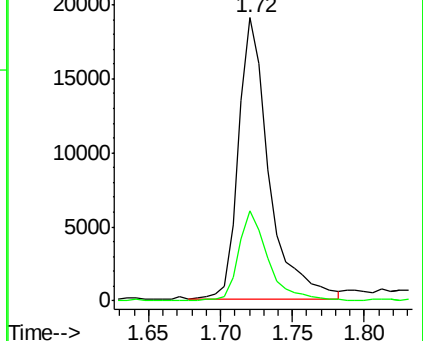
64 100

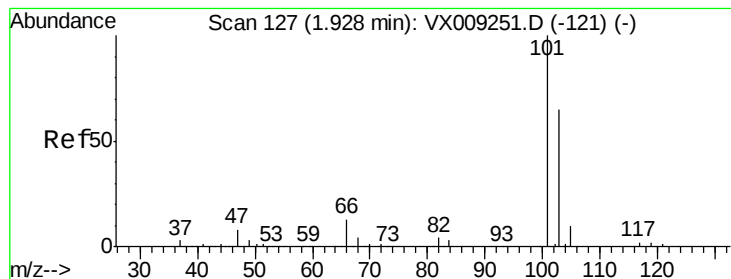
66 32.3 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



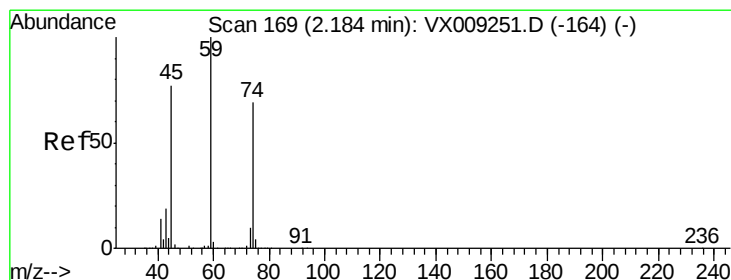
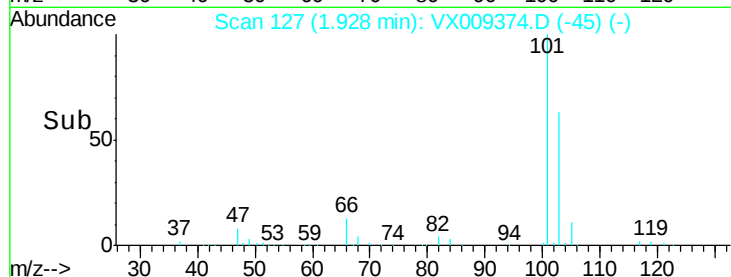
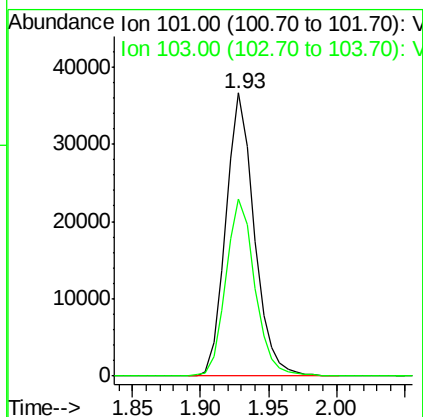
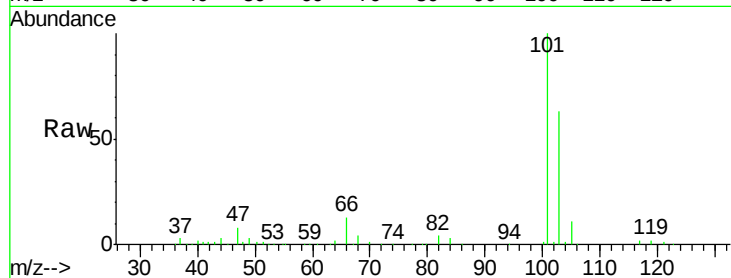


#7

Trichlorofluoromethane
 Concen: 19.521 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Instrument :
 MSVOA_F
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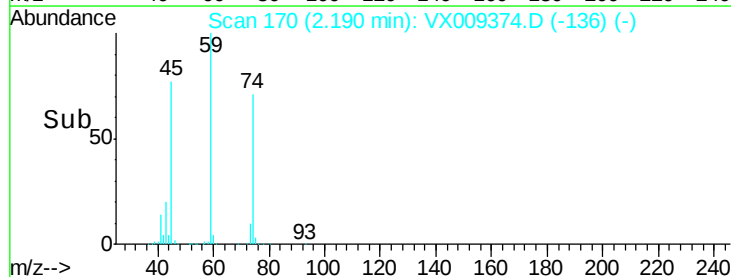
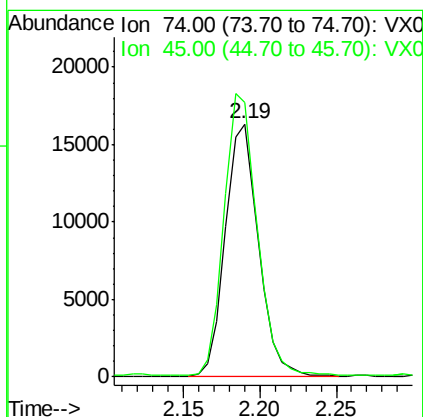
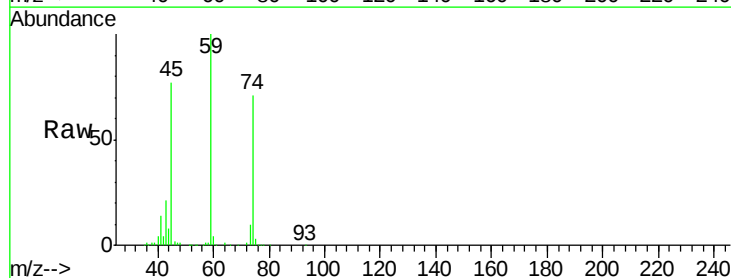
Tot Ion:101 Resp: 53521
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.9 77.9

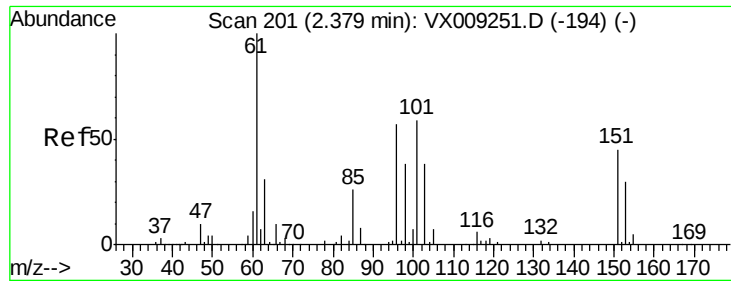


#8

Diethyl Ether
 Concen: 19.404 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 74 Resp: 24703
 Ion Ratio Lower Upper
 74 100
 45 111.1 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.344 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

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ClientSampleId :

VX0507WBSD01

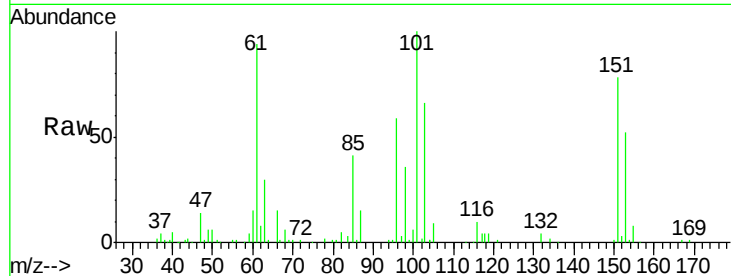
Tot Ion:101 Resp: 32835

Ion Ratio Lower Upper

101 100

85 44.1 0.0 87.4

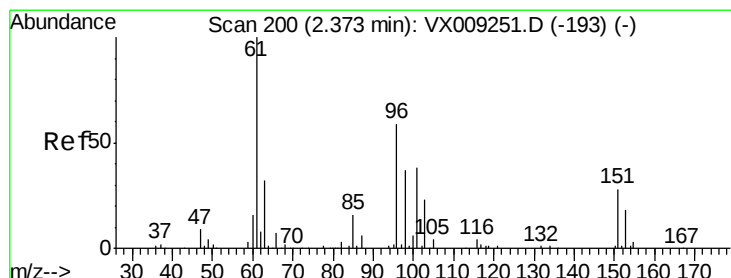
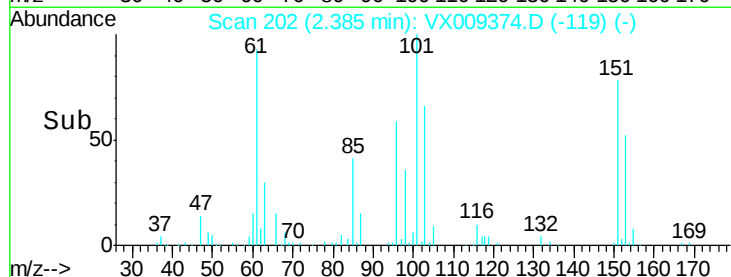
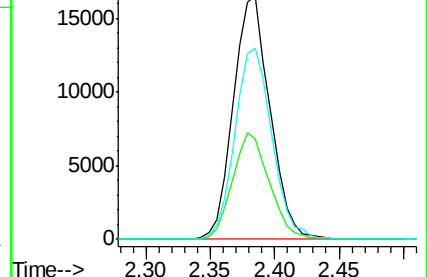
151 79.3 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.187 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

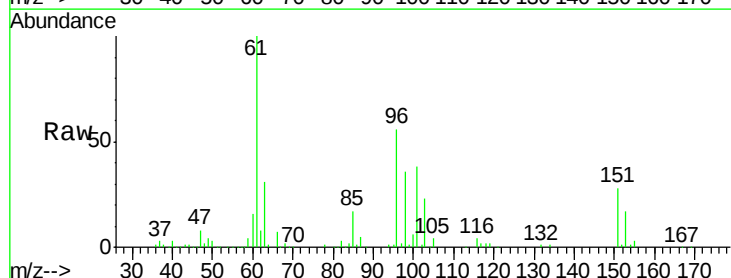
Tgt Ion: 96 Resp: 32703

Ion Ratio Lower Upper

96 100

61 178.8 136.5 204.7

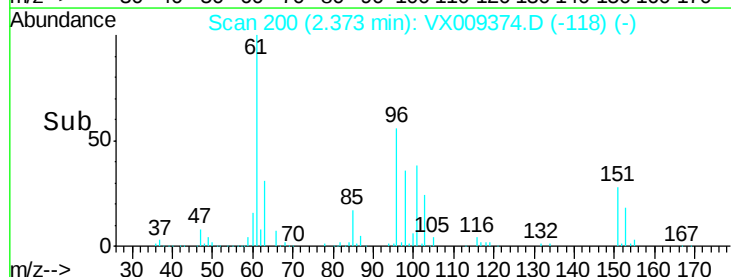
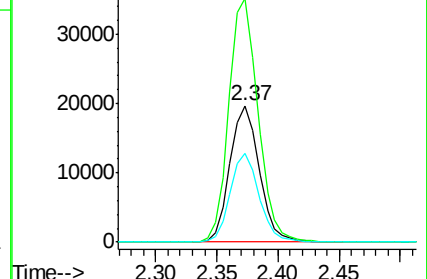
98 65.0 51.0 76.4

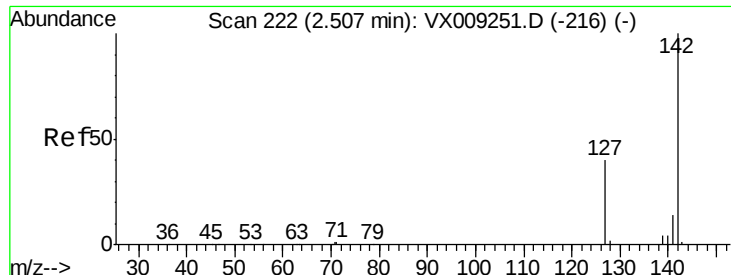


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

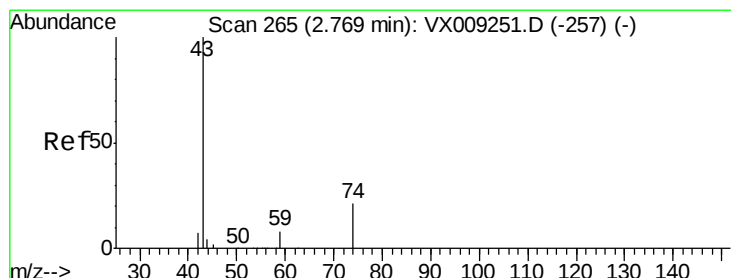
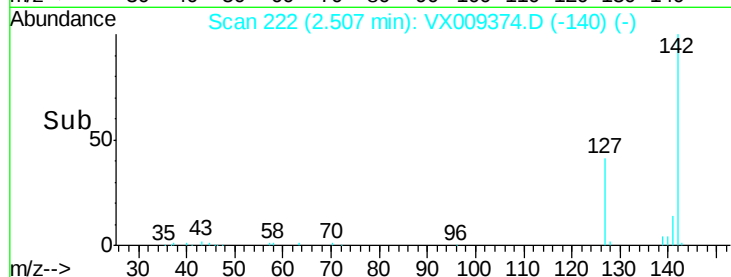
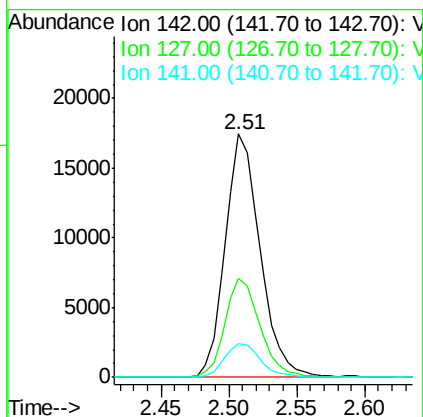
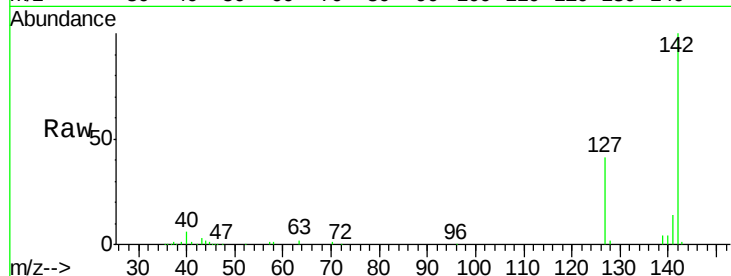




#11
Methvl Iodide
Concen: 16.871 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

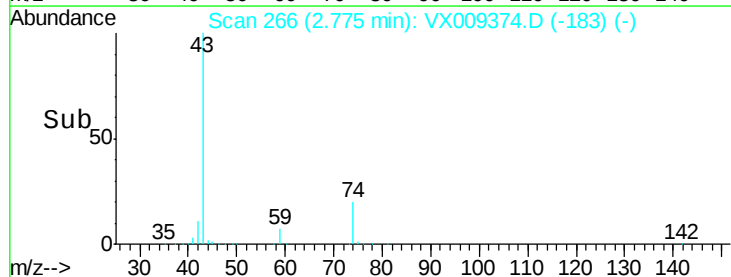
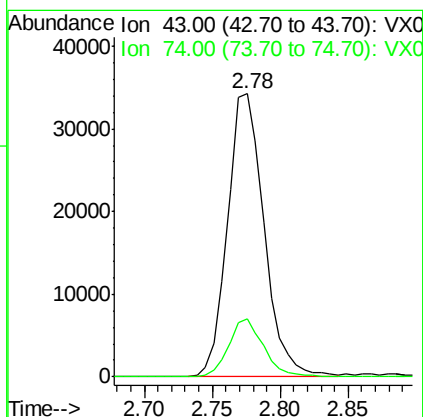
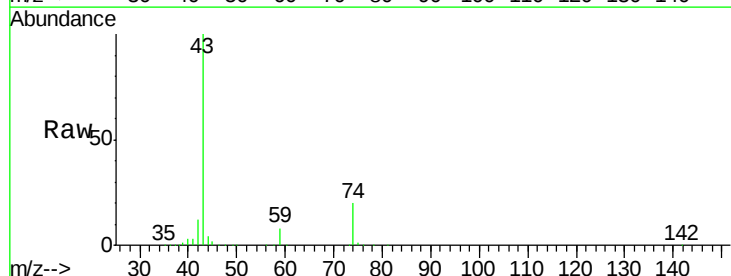
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

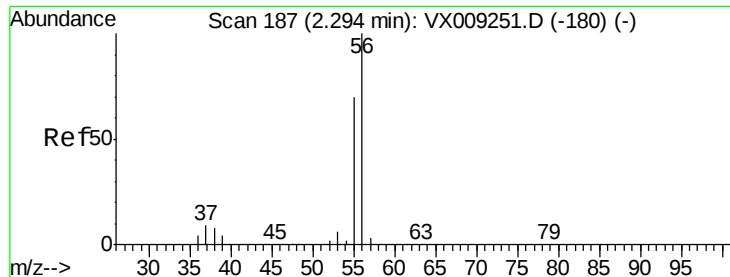
Tot Ion:142 Resp: 31259
Ion Ratio Lower Upper
142 100
127 40.5 20.2 60.5
141 14.0 6.9 20.7



#12
Methyl Acetate
Concen: 19.730 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 43 Resp: 63340
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7





#13

Acrolein

Concen: 79.927 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

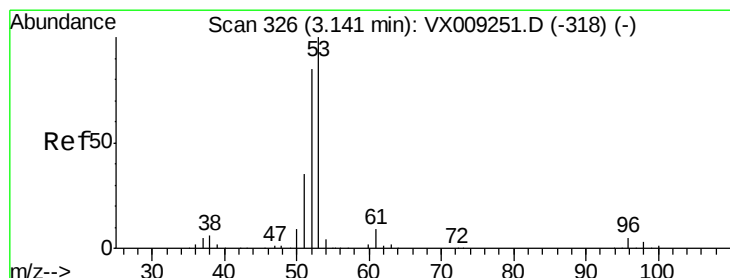
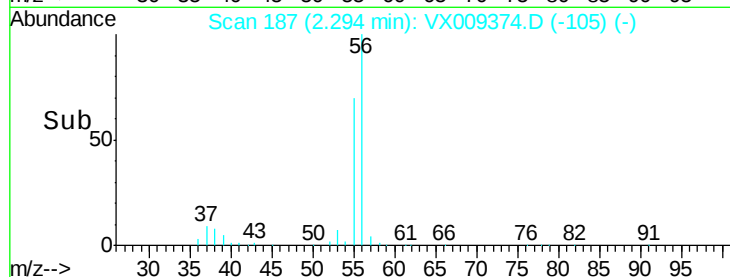
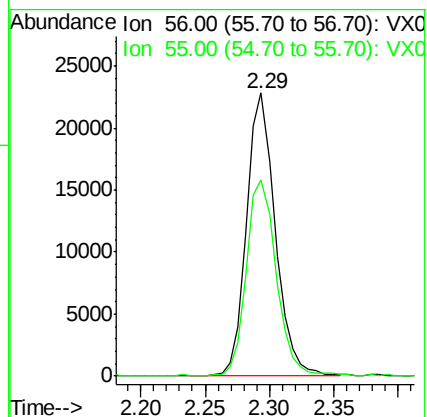
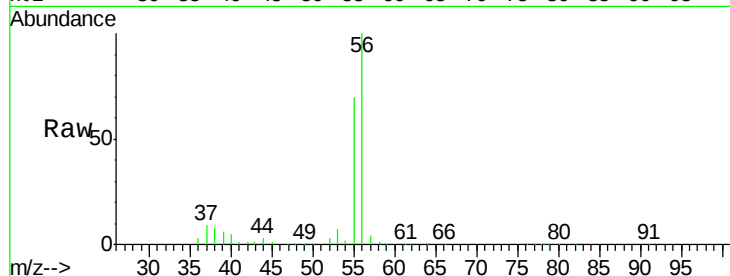
VX0507WBSD01

Tot Ion: 56 Resp: 35193

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Acrylonitrile

Concen: 100.587 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

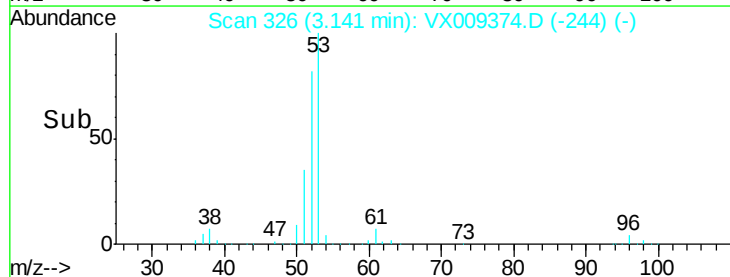
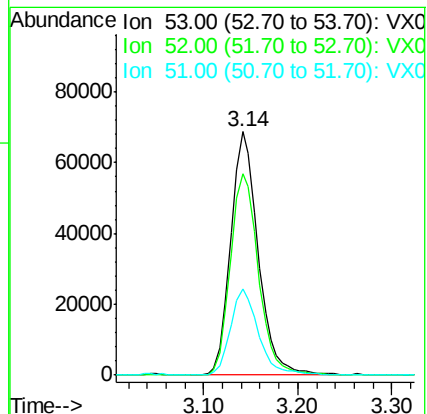
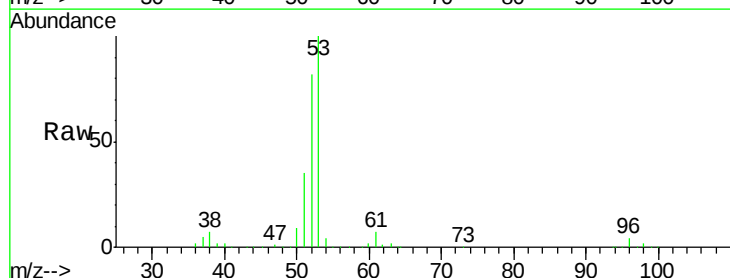
Tgt Ion: 53 Resp: 140140

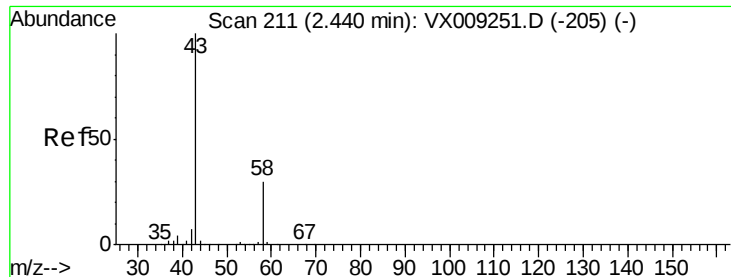
Ion Ratio Lower Upper

53 100

52 84.4 41.5 124.5

51 35.7 17.8 53.3





#15

Acetone

Concen: 97.077 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

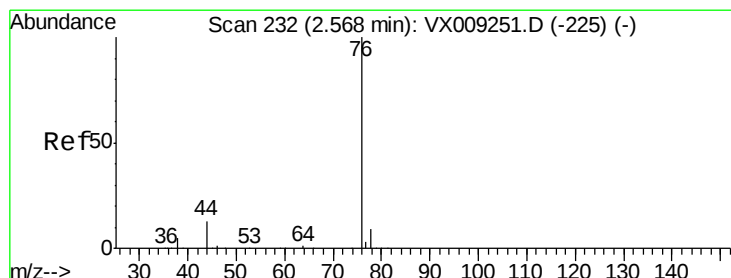
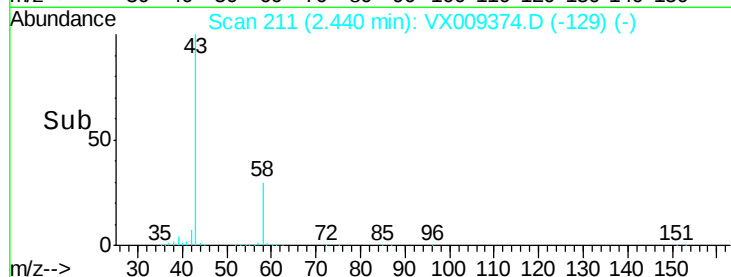
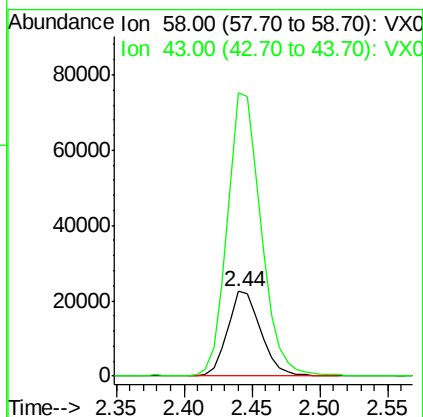
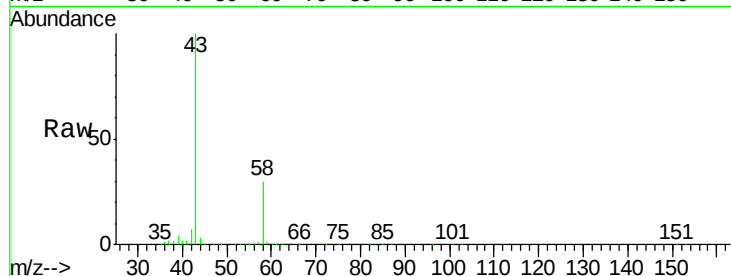
VX0507WBSD01

Tot Ion: 58 Resp: 38832

Ion Ratio Lower Upper

58 100

43 336.2 264.0 396.0



#16

Carbon Disulfide

Concen: 17.818 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009374.D

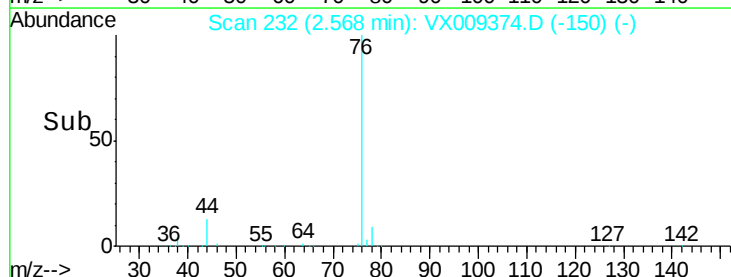
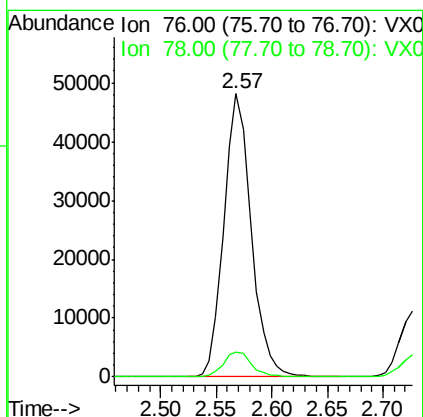
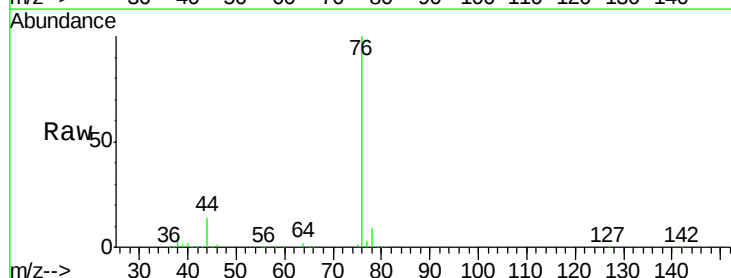
Acq: 07 May 2019 13:11

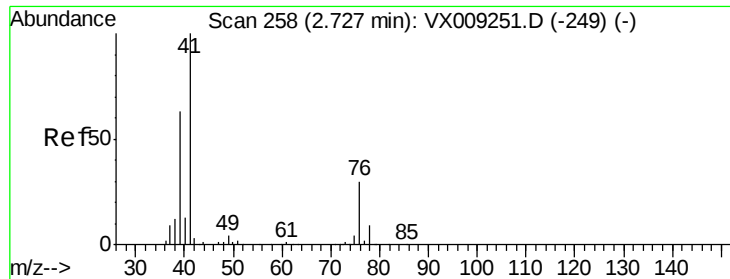
Tgt Ion: 76 Resp: 82167

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

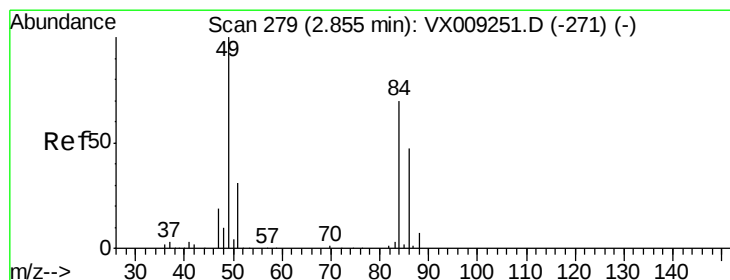
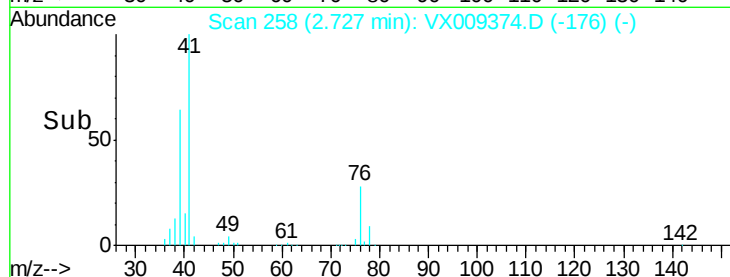
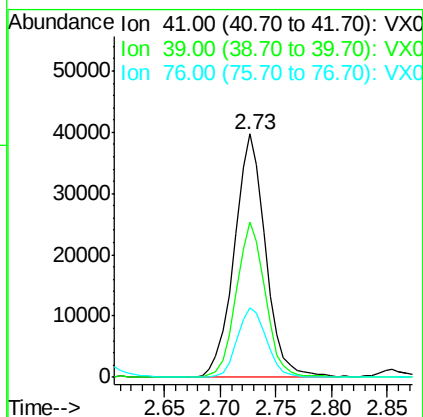
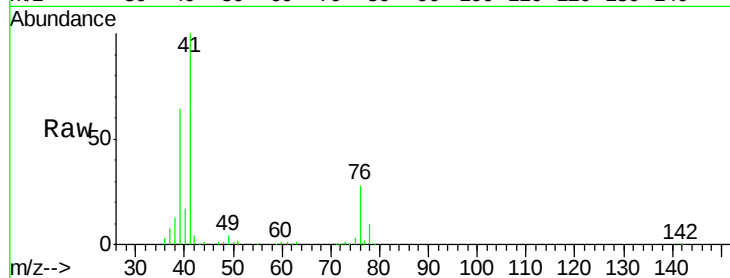




#17
Allvl chloride
Concen: 18.762 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

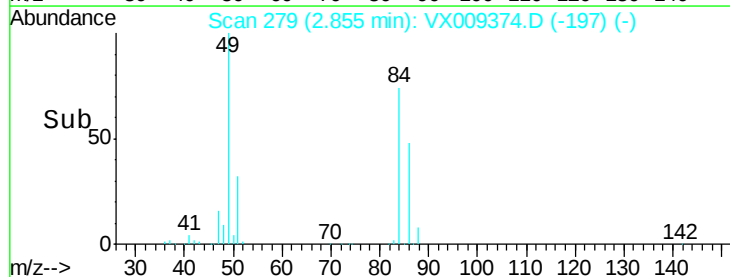
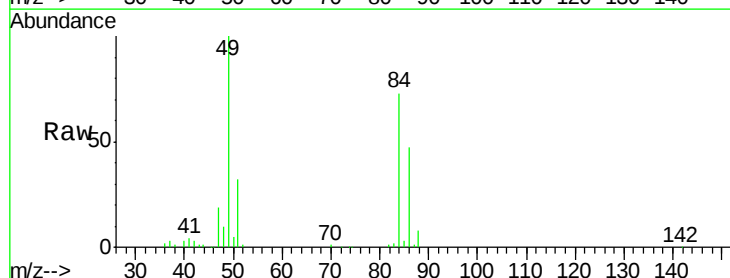
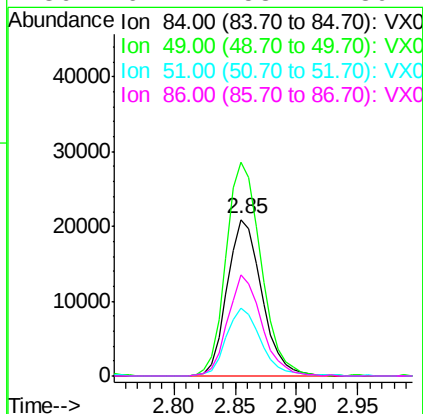
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

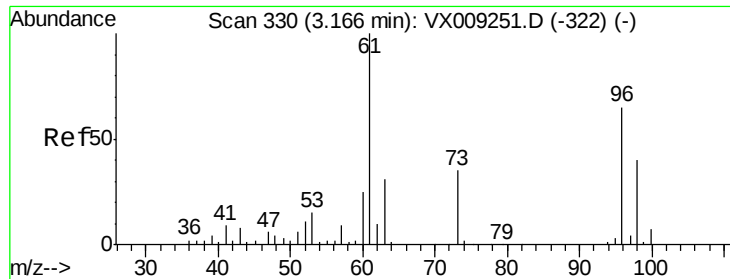
Tot Ion: 41 Resp: 76770
Ion Ratio Lower Upper
41 100
39 63.5 31.6 94.7
76 28.4 15.1 45.3



#18
Methylene Chloride
Concen: 20.017 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 84 Resp: 41232
Ion Ratio Lower Upper
84 100
49 135.9 114.6 171.8
51 43.4 35.5 53.3
86 64.2 53.4 80.2

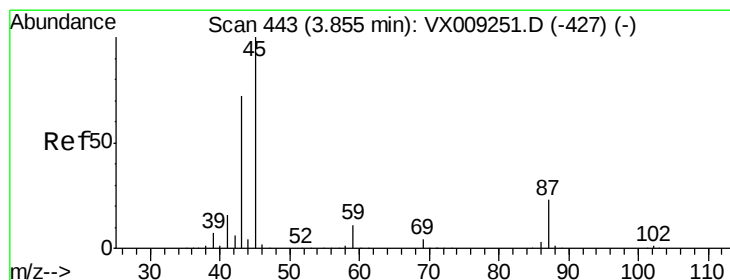
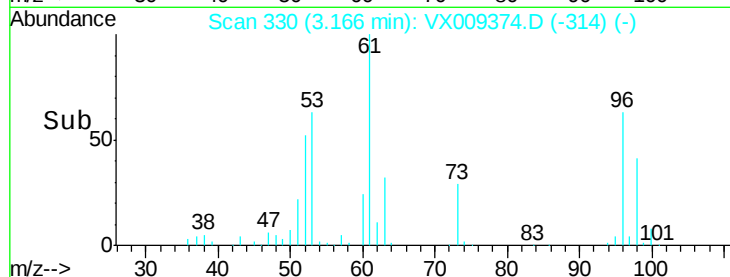
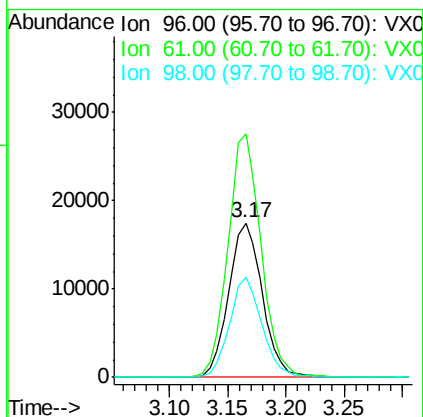
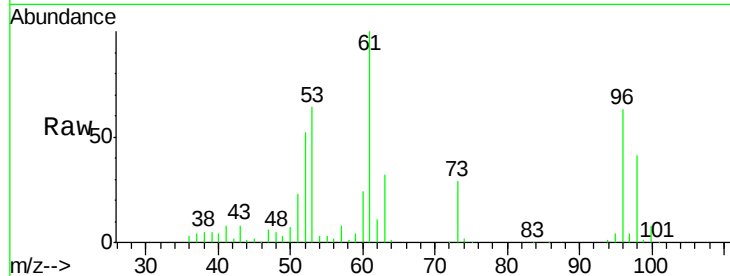




#19
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

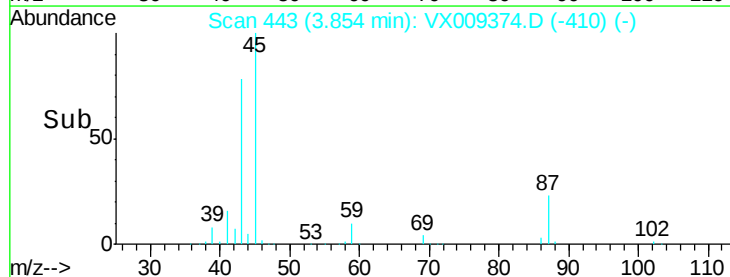
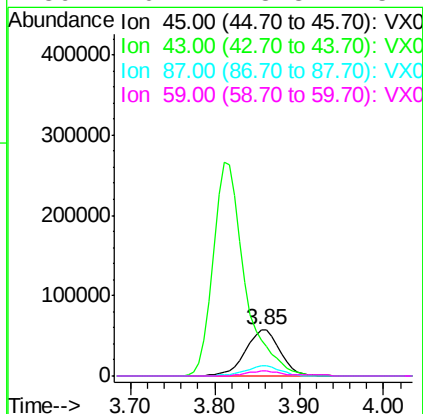
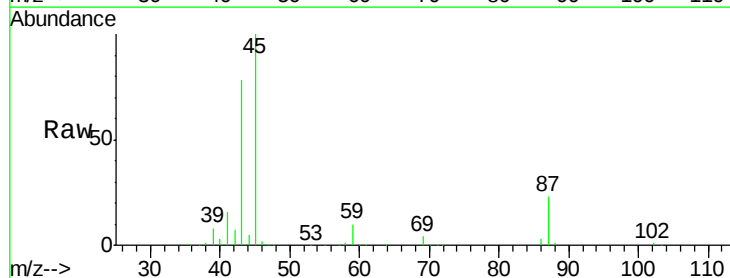
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

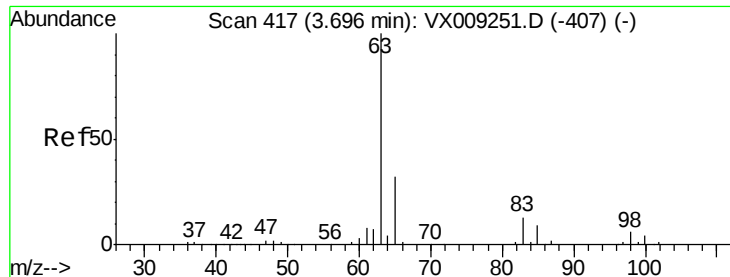
Tot Ion: 96 Resp: 35175
Ion Ratio Lower Upper
96 100
61 157.5 122.7 184.1
98 64.8 49.5 74.3



#20
Diisopropyl ether
Concen: 19.955 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 45 Resp: 160794
Ion Ratio Lower Upper
45 100
43 76.3 57.7 86.5
87 23.0 18.5 27.7
59 10.1 8.8 13.2





#21

1,1-Dichloroethane

Concen: 19.564 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

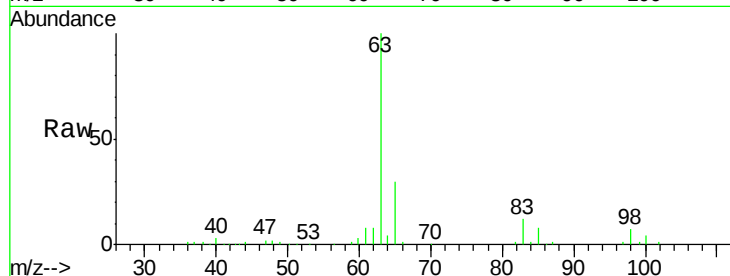
Tot Ion: 63 Resp: 76293

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

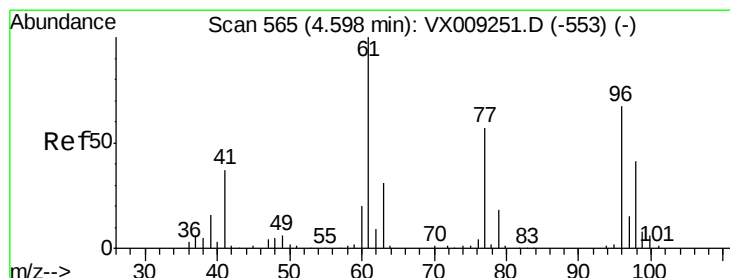
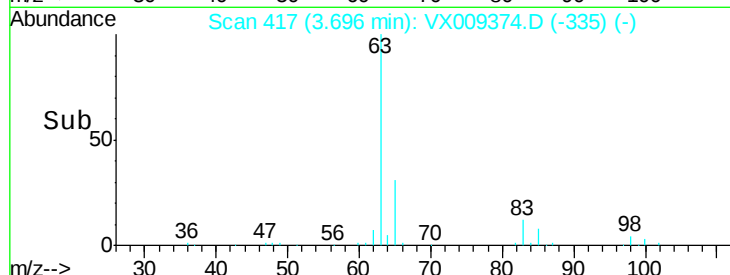
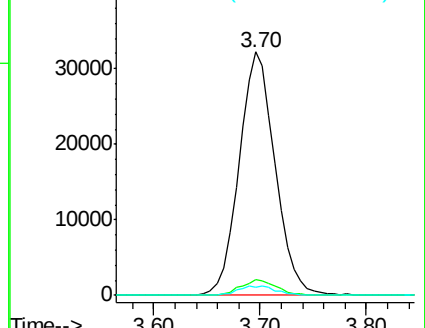
100 3.5 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.512 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

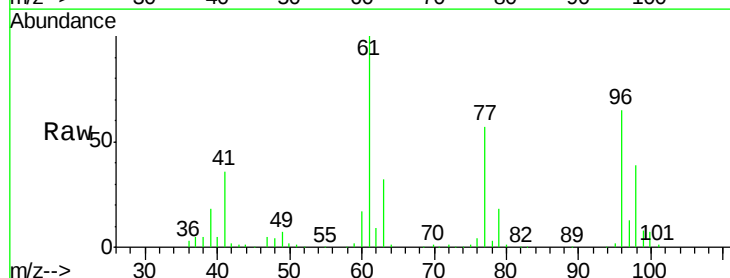
Tgt Ion: 96 Resp: 42711

Ion Ratio Lower Upper

96 100

61 160.4 127.7 191.5

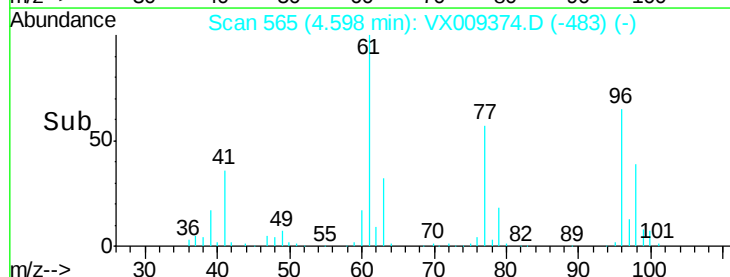
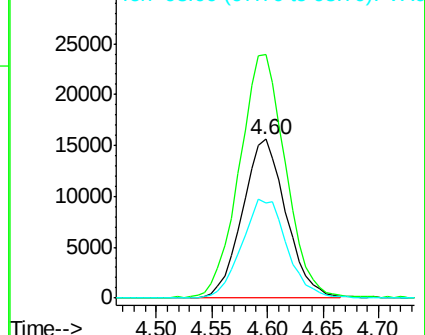
98 64.1 50.5 75.7

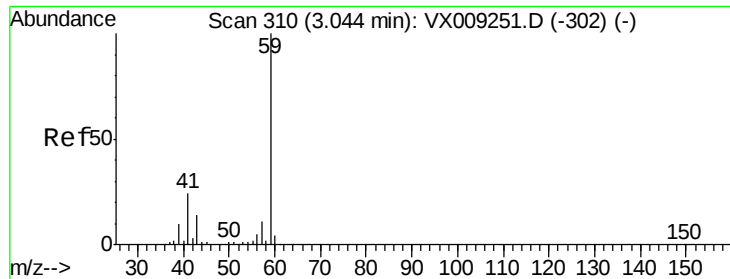


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



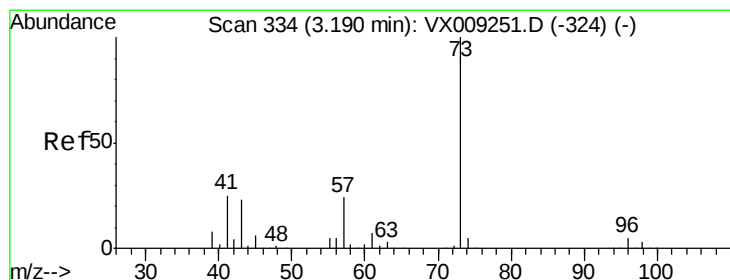
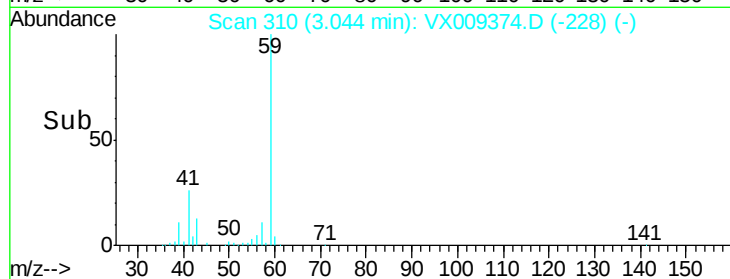
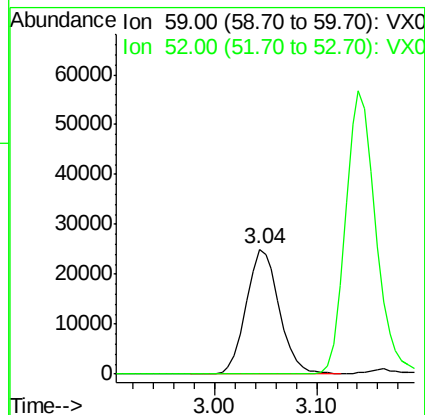
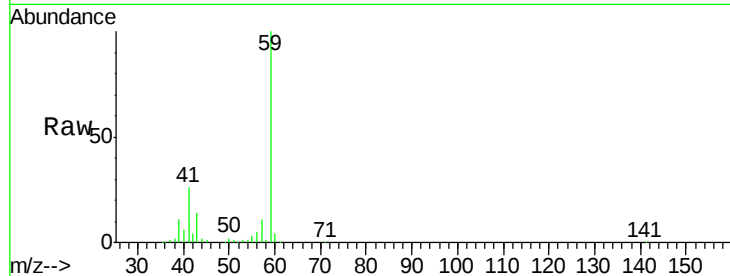


#23

tert-Butyl Alcohol
 Concen: 95.930 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

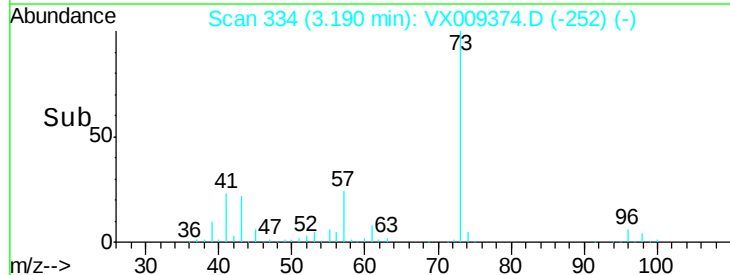
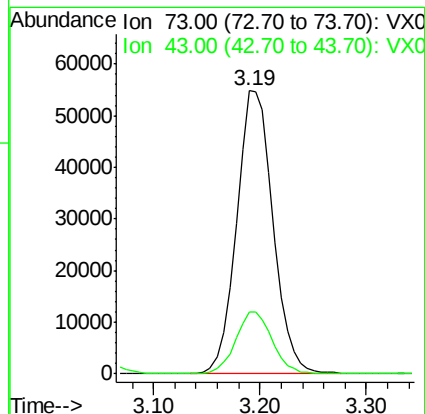
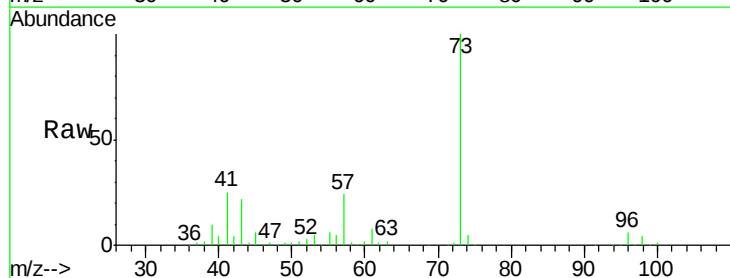
Tot Ion: 59 Resp: 56514
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

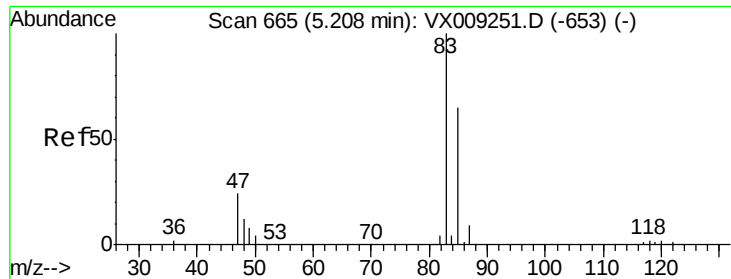


#24

Methyl tert-Butyl Ether
 Concen: 19.732 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 73 Resp: 131613
 Ion Ratio Lower Upper
 73 100
 43 21.8 17.6 26.4

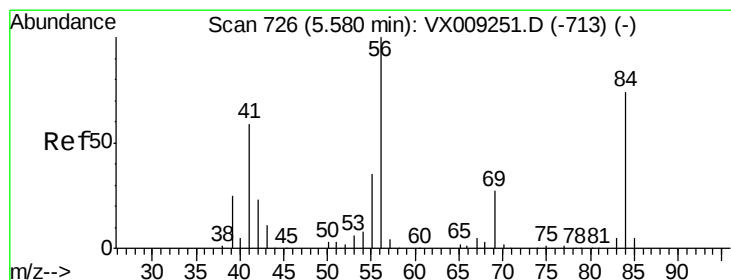
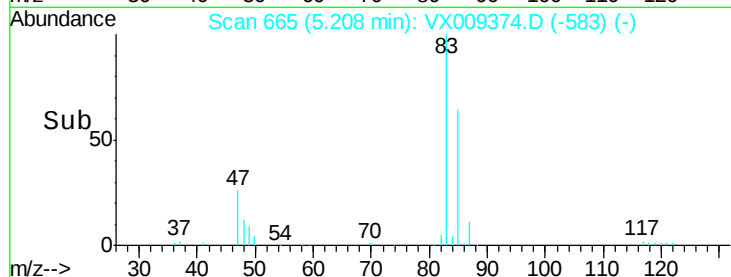
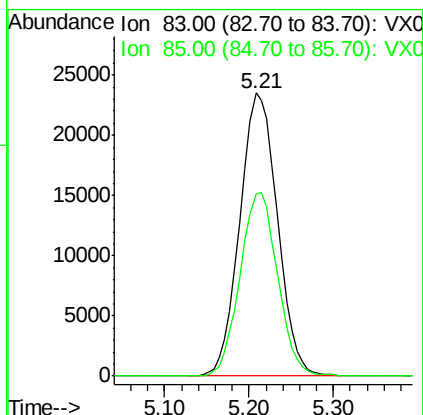
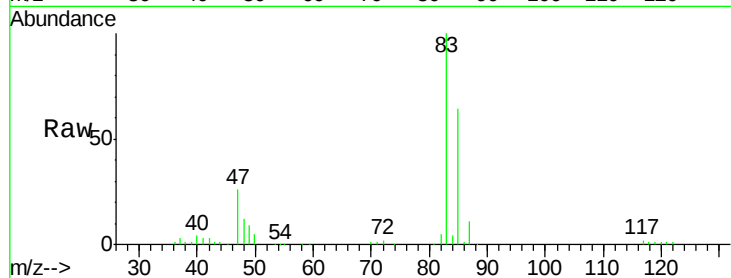




#25
Chloroform
Concen: 20.062 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

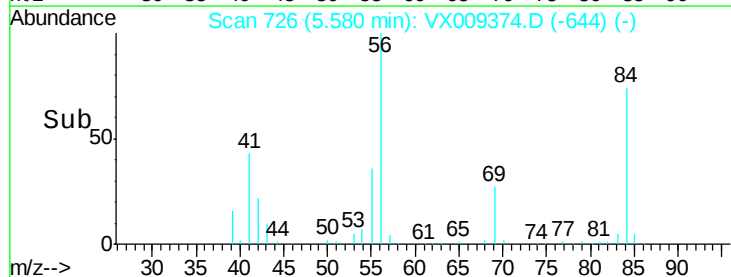
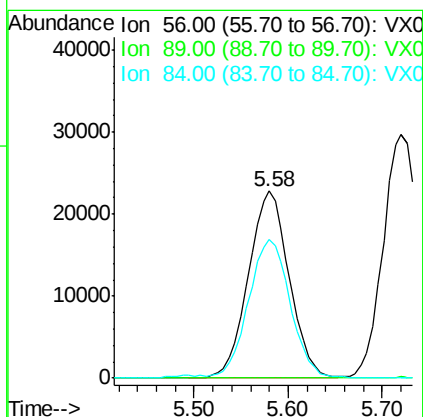
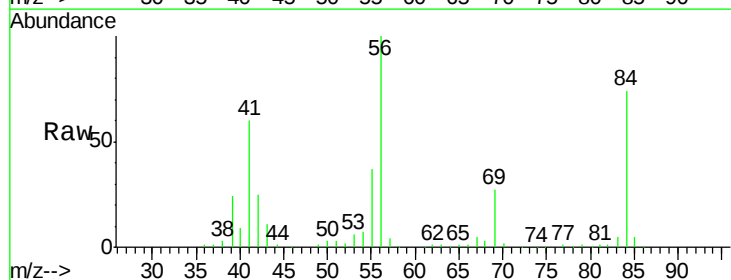
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

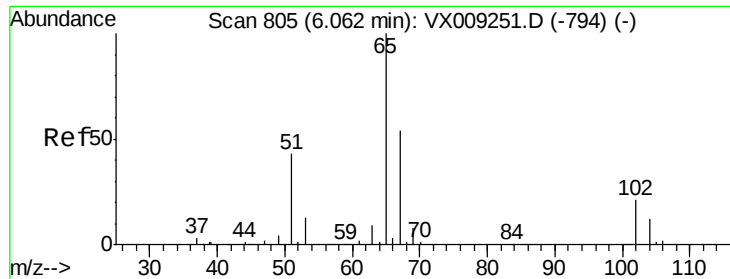
Tot Ion: 83 Resp: 71394
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9



#26
Cyclohexane
Concen: 18.980 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 56 Resp: 68981
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.8 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 28.685 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

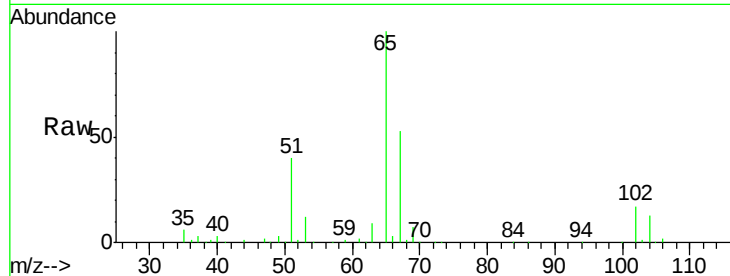
VX0507WBSD01

Tot Ion: 65 Resp: 74149

Ion Ratio Lower Upper

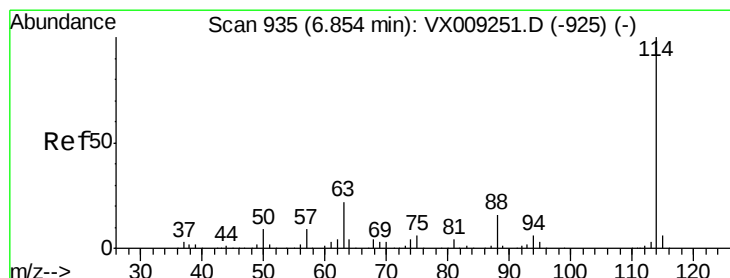
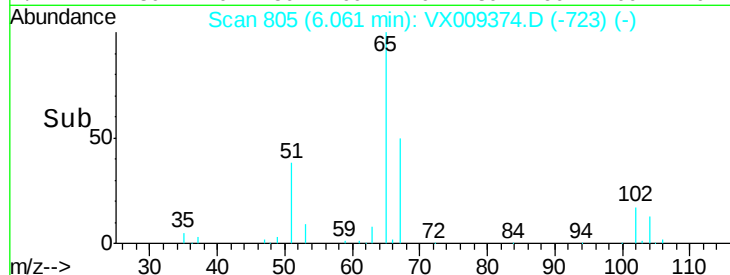
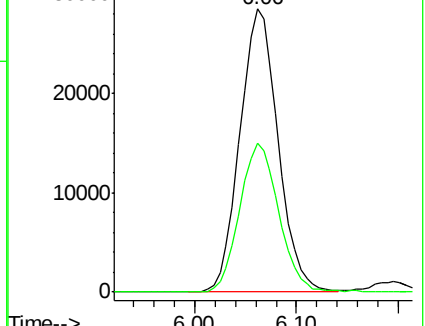
65 100

67 53.8 43.1 64.7



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: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

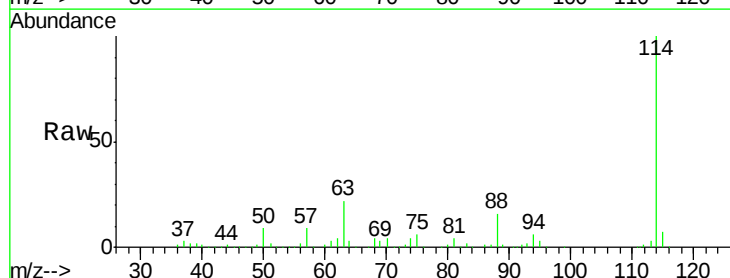
Tgt Ion: 114 Resp: 174629

Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

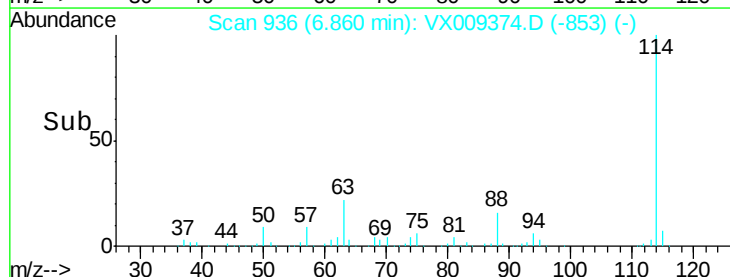
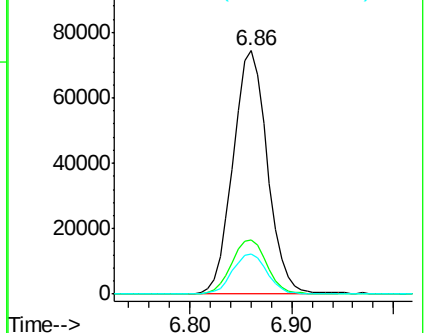
88 16.5 13.4 20.0

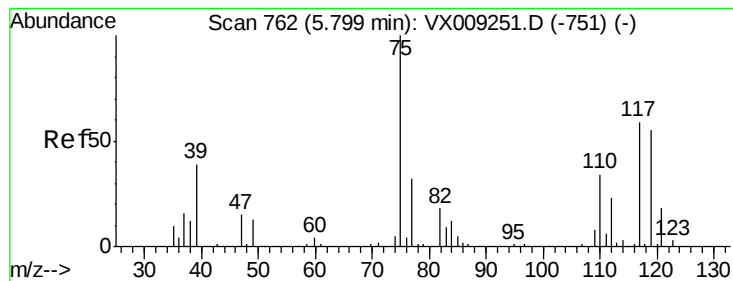


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.841 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

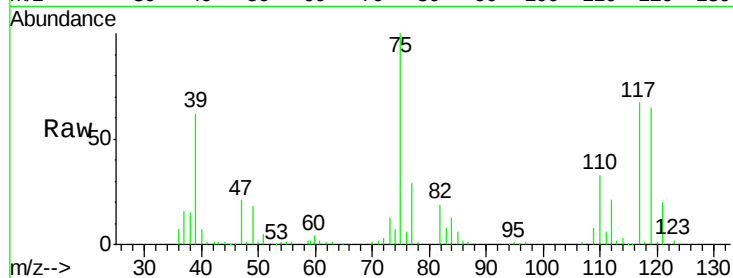
Tot Ion: 75 Resp: 50841

Ion Ratio Lower Upper

75 100

110 33.6 0.0 66.4

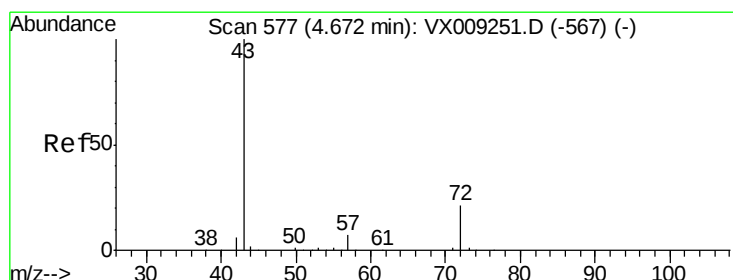
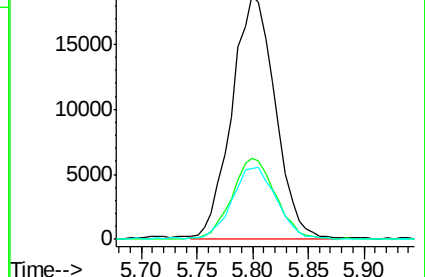
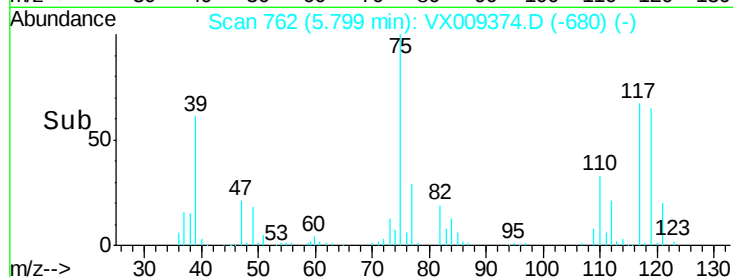
77 30.5 0.0 62.2



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: 103.842 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

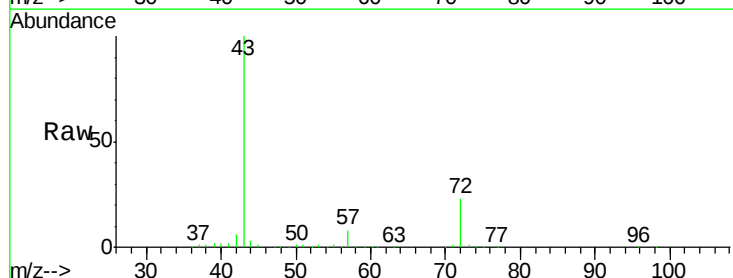
Tgt Ion: 43 Resp: 208382

Ion Ratio Lower Upper

43 100

57 7.6 6.0 9.0

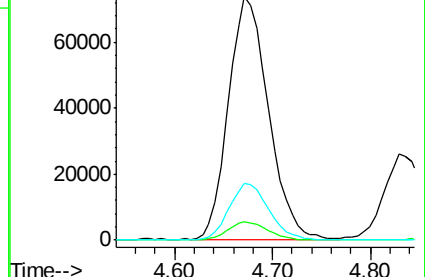
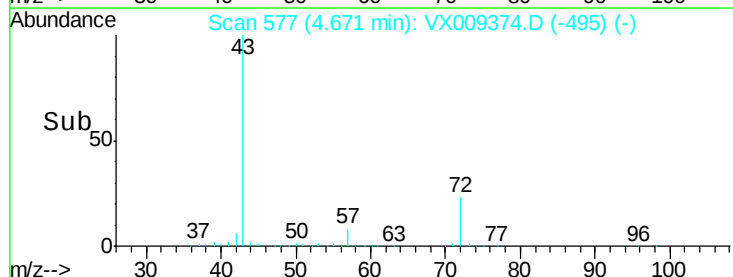
72 23.2 18.2 27.4

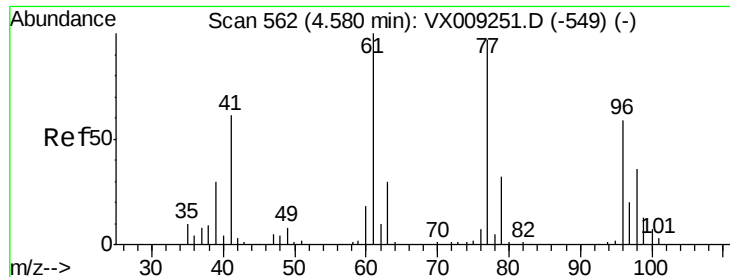


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.472 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

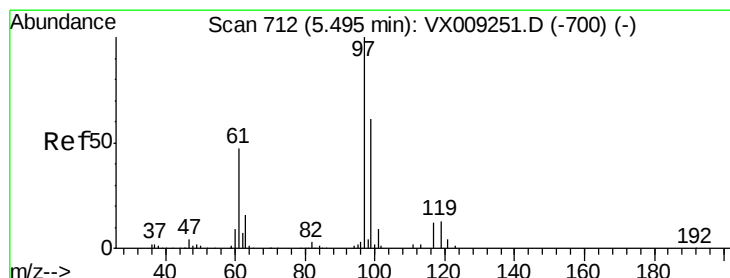
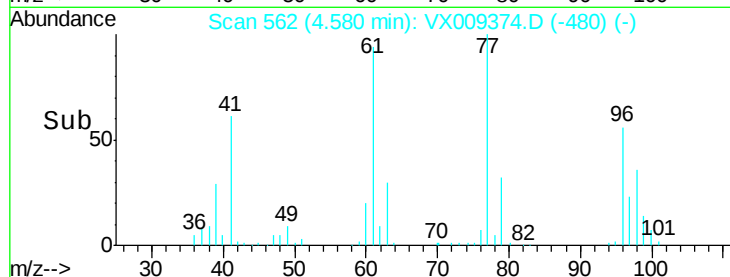
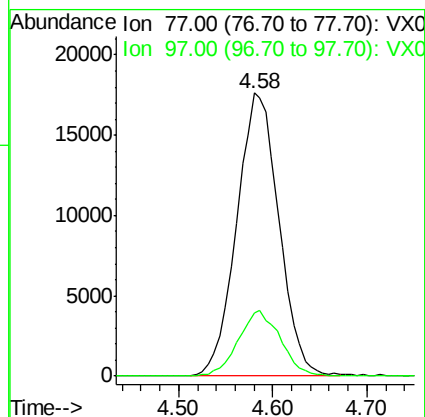
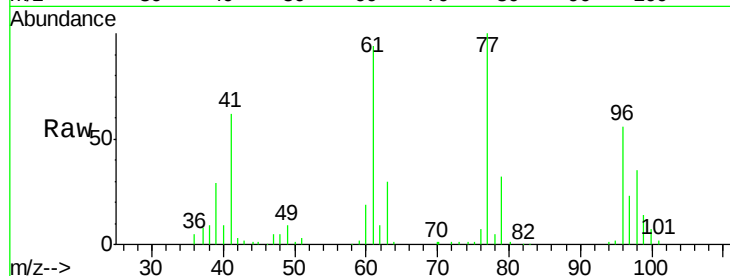
VX0507WBSD01

Tot Ion: 77 Resp: 55006

Ion Ratio Lower Upper

77 100

97 23.2 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.726 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

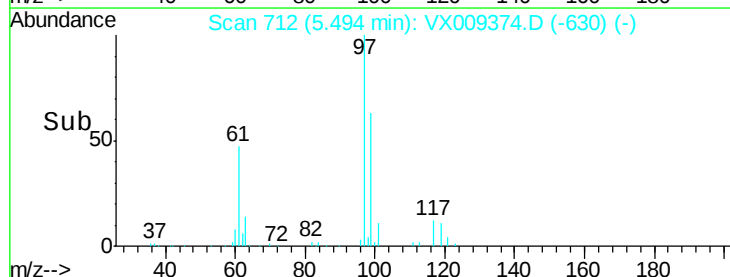
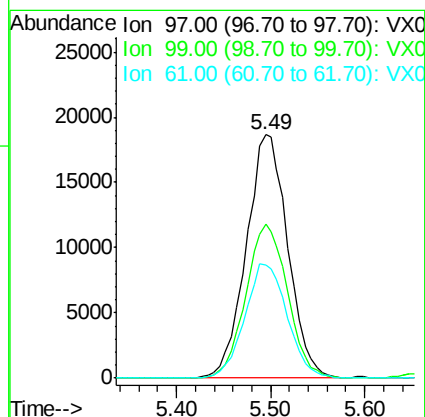
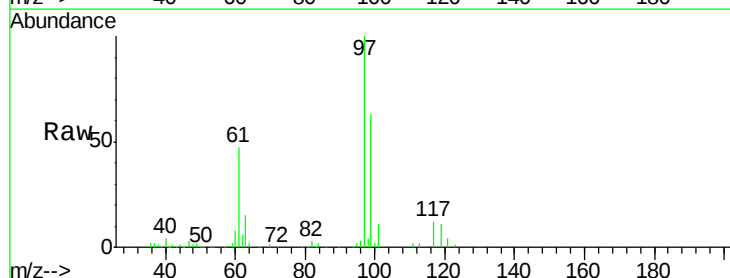
Tgt Ion: 97 Resp: 57573

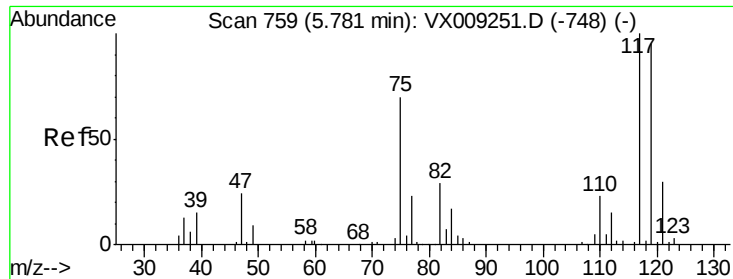
Ion Ratio Lower Upper

97 100

99 63.4 53.9 80.9

61 48.0 38.6 58.0

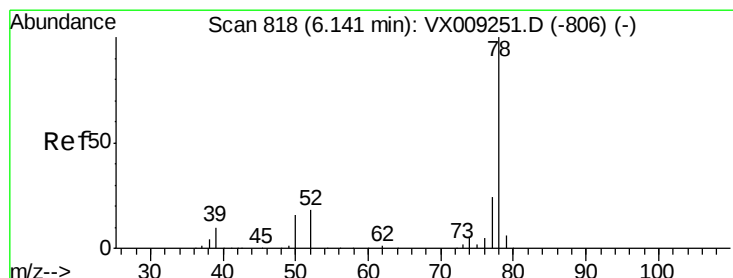
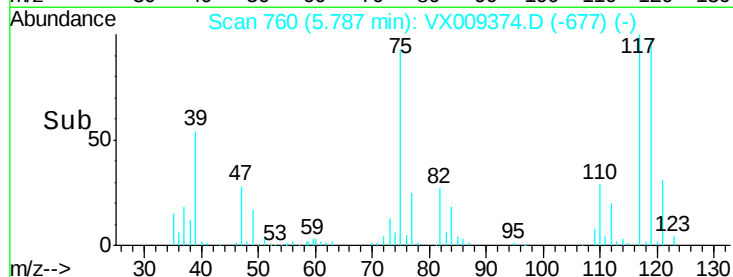
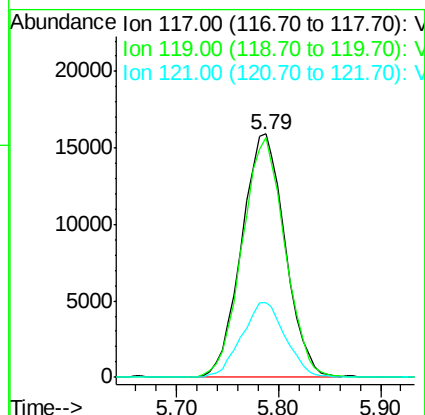
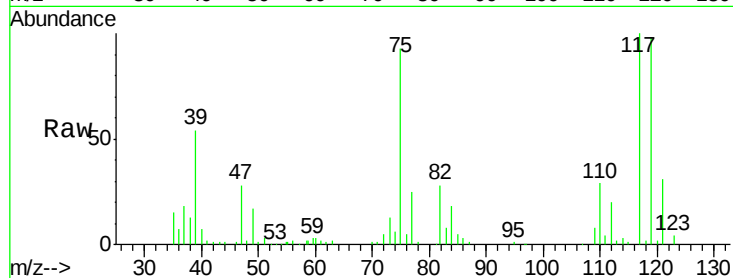




#33
Carbon Tetrachloride
Concen: 20.285 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

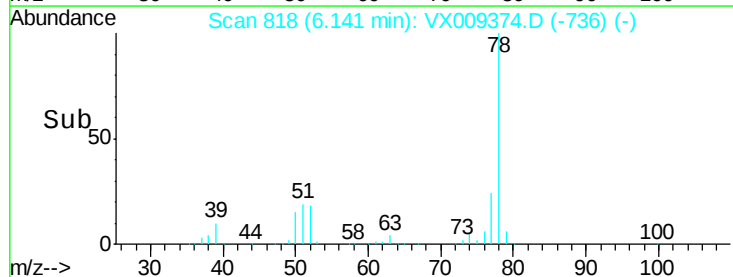
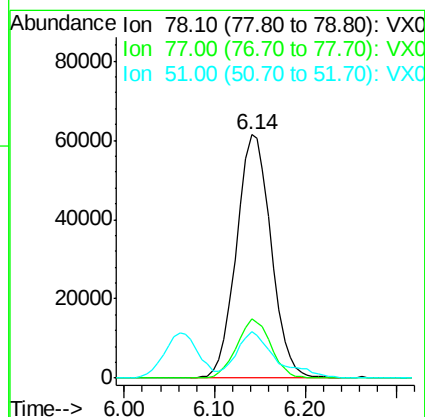
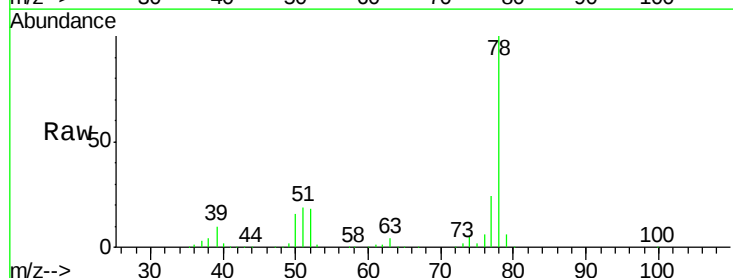
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

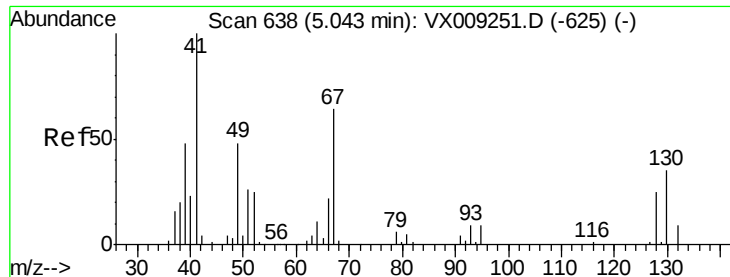
Tot Ion:117 Resp: 47145
Ion Ratio Lower Upper
117 100
119 98.2 76.1 114.1
121 30.7 24.4 36.6



#34
Benzene
Concen: 20.652 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 78 Resp: 163145
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2
51 18.6 13.5 20.3

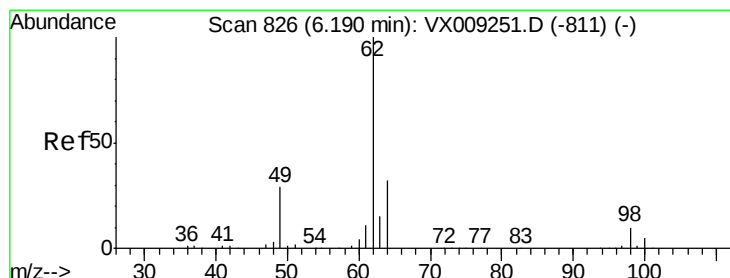
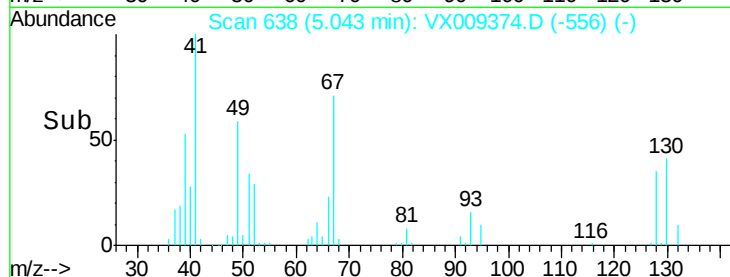
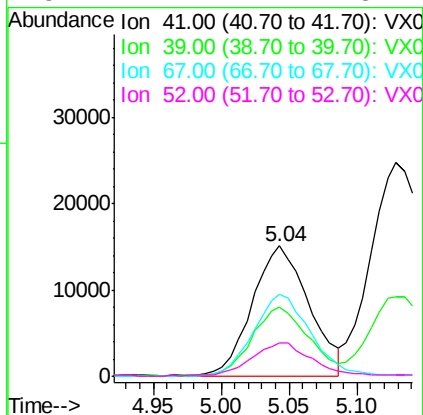
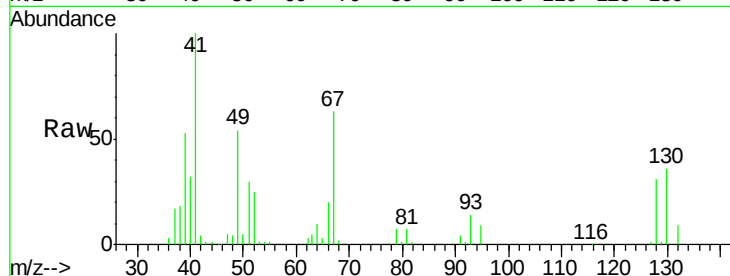




#35
Methacrylonitrile
Concen: 21.042 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

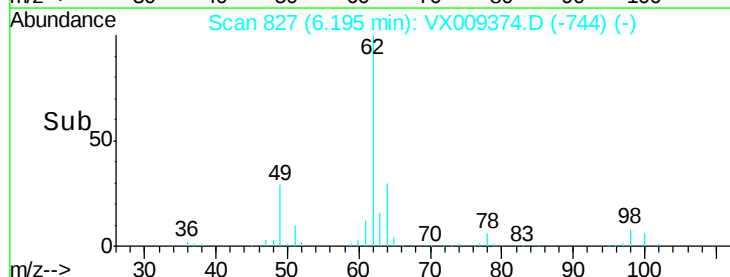
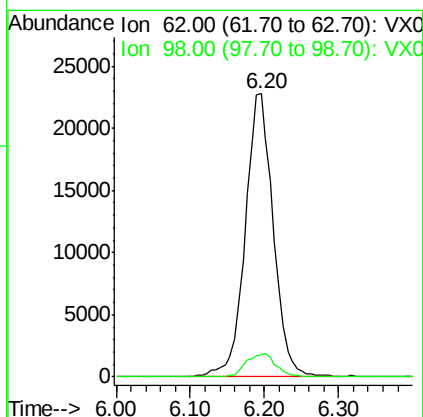
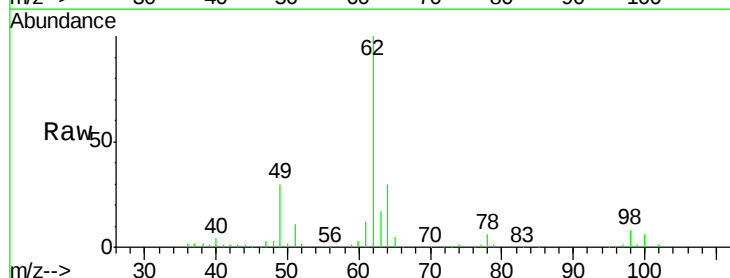
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

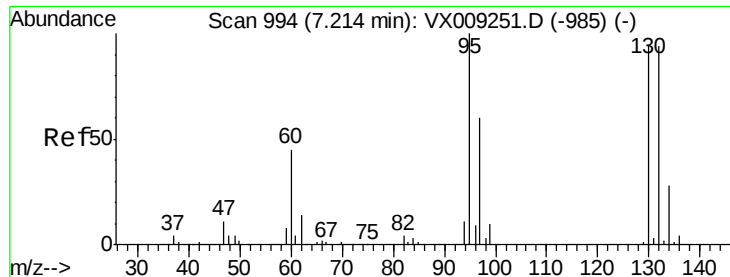
Tot Ion:	41	Resp:	44177
Ion	Ratio	Lower	Upper
41	100		
39	52.6	24.1	72.3
67	62.7	32.2	96.6
52	24.7	12.4	37.4



#36
1,2-Dichloroethane
Concen: 21.027 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion:	62	Resp:	60273
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.4	11.2

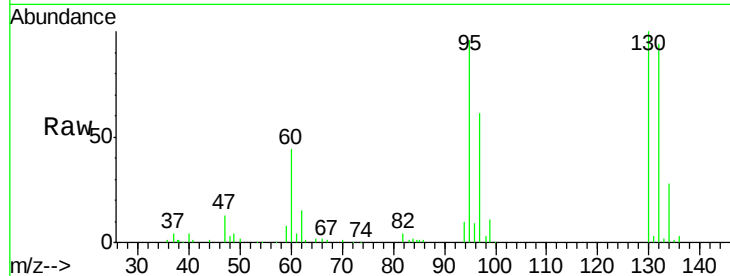




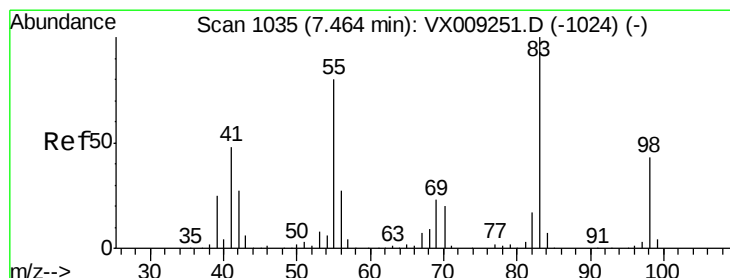
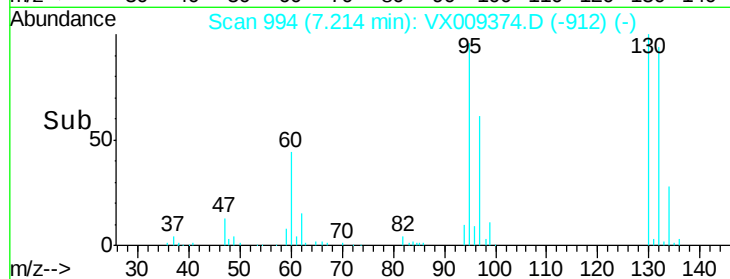
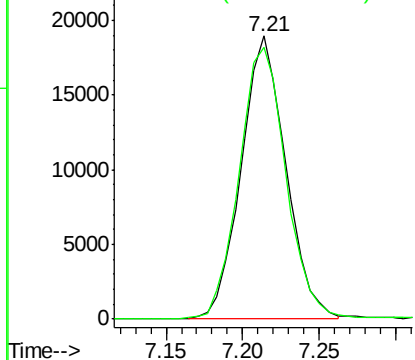
#37
 Trichloroethene
 Concen: 20.253 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

Tot Ion:130 Resp: 38515
 Ion Ratio Lower Upper
 130 100
 95 95.6 85.0 127.4

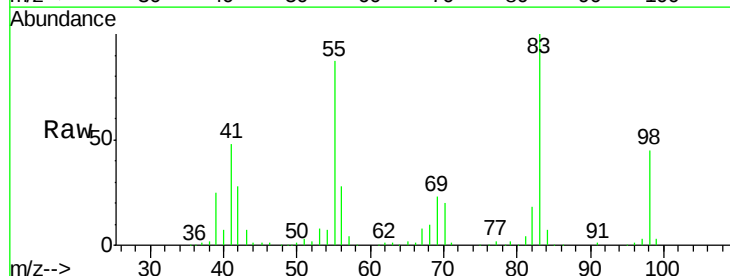


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

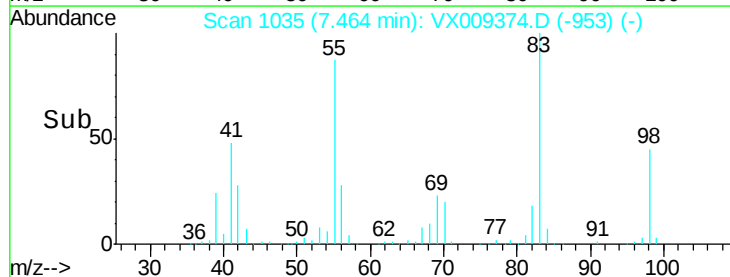
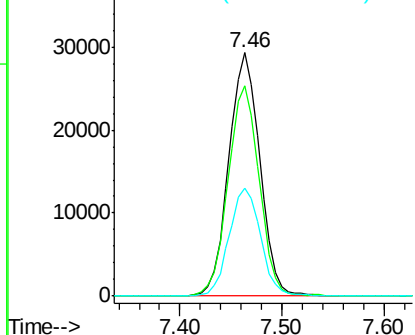


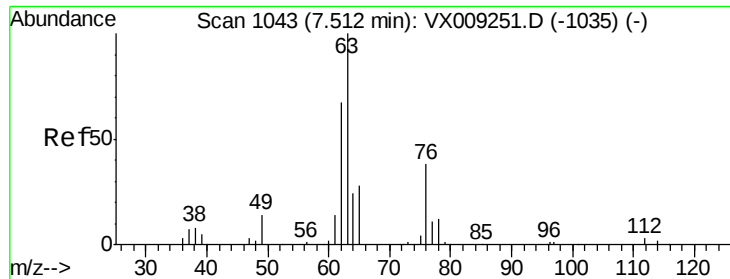
#38
 Methylcyclohexane
 Concen: 19.539 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 83 Resp: 61855
 Ion Ratio Lower Upper
 83 100
 55 86.2 43.0 129.2
 98 44.8 22.1 66.1



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

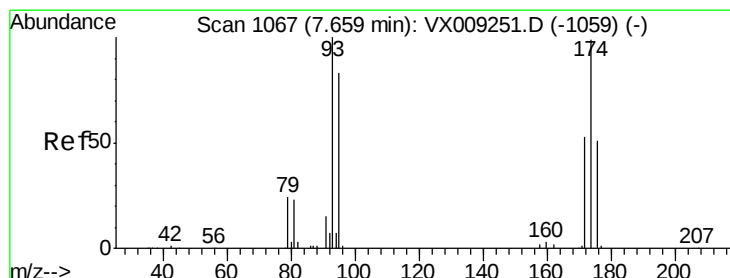
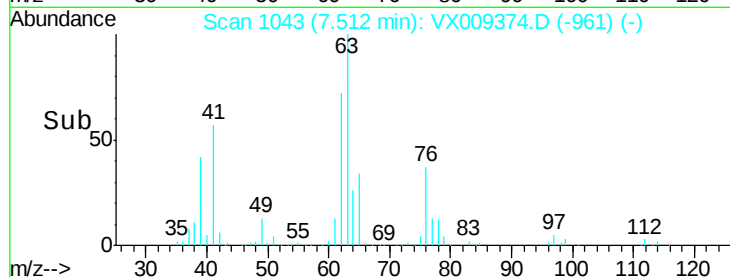
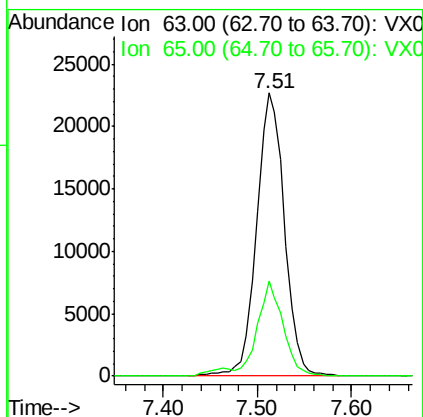
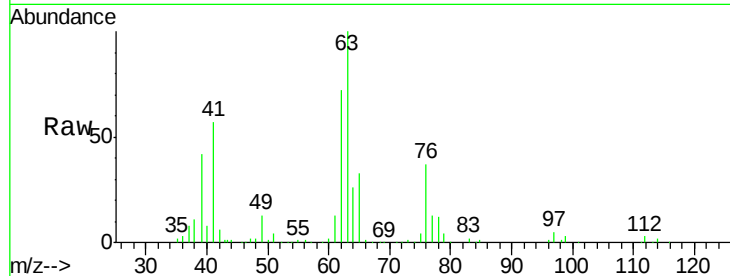




#39
 1,2-Dichloropropane
 Concen: 21.010 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

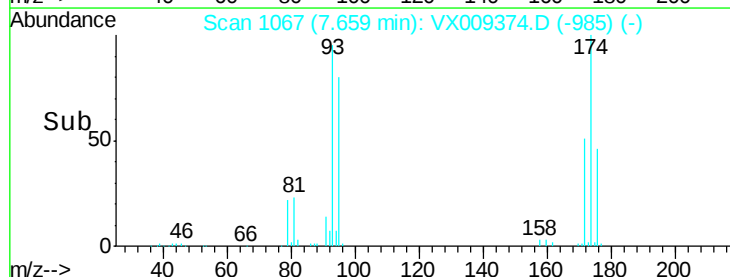
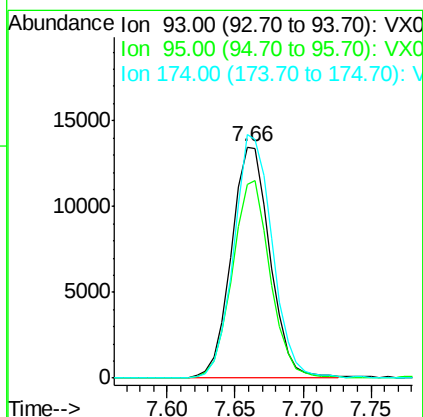
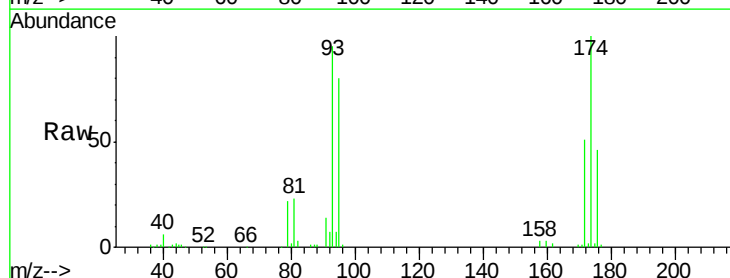
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

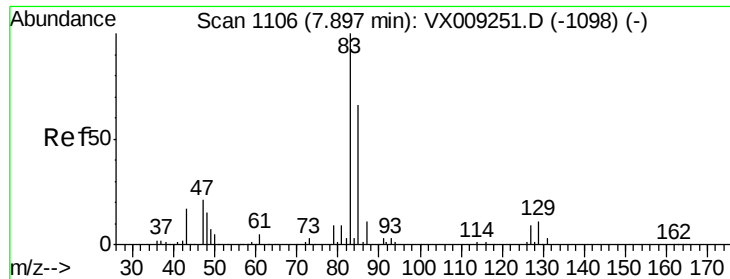
Tot Ion: 63 Resp: 47264
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.0 36.0



#40
 Dibromomethane
 Concen: 20.967 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 93 Resp: 26771
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 167.2
 174 104.6 0.0 203.4





#41

Bromodichloromethane

Concen: 20.802 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

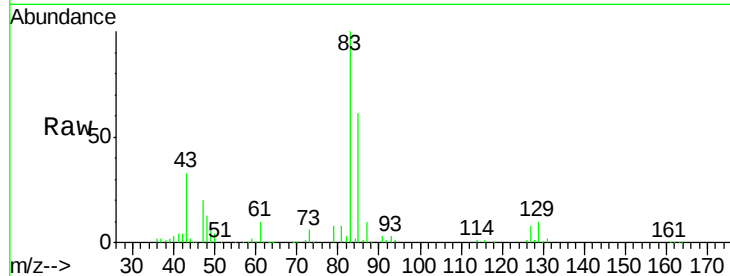
Tot Ion: 83 Resp: 54254

Ion Ratio Lower Upper

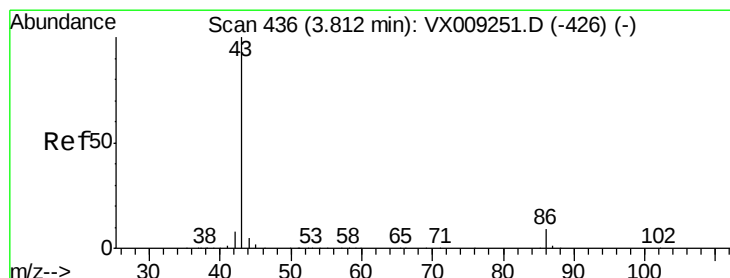
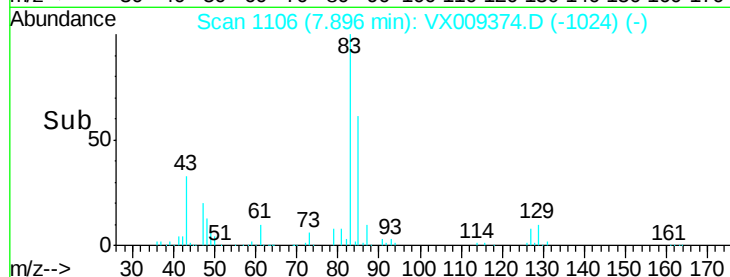
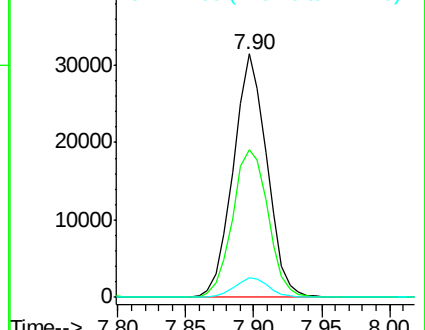
83 100

85 60.5 52.6 79.0

127 8.3 6.9 10.3



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: 104.679 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009374.D

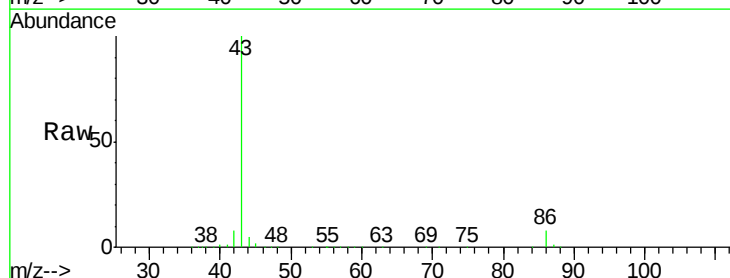
Acq: 07 May 2019 13:11

Tgt Ion: 43 Resp: 693301

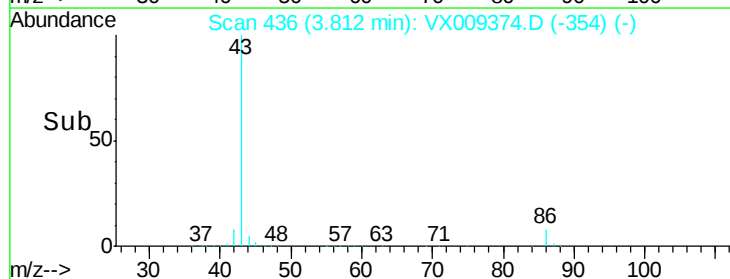
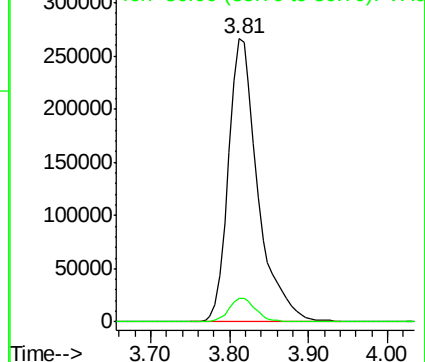
Ion Ratio Lower Upper

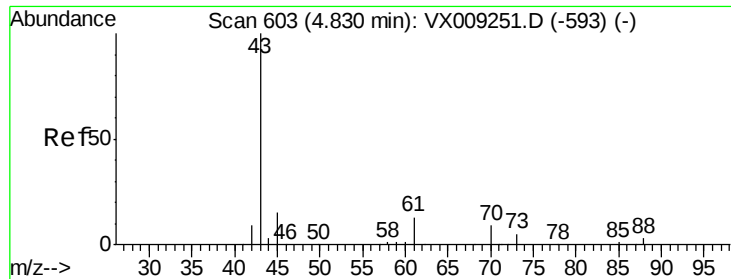
43 100

86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

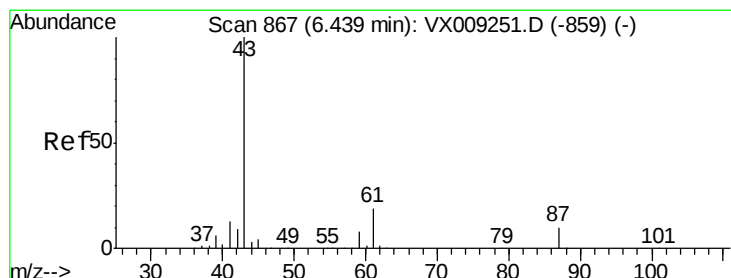
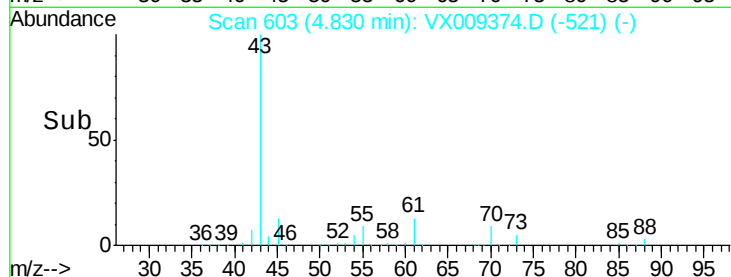
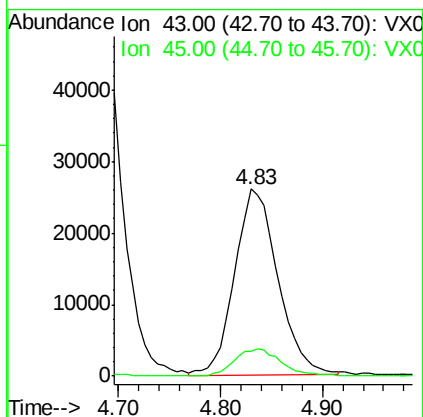
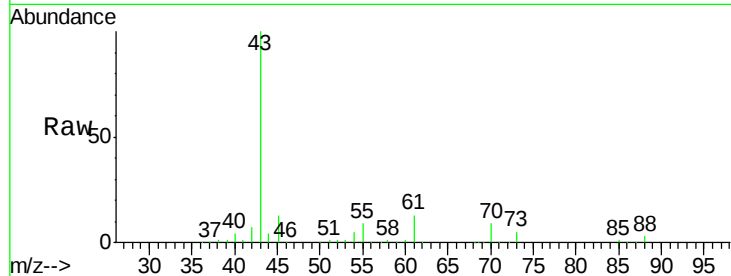




#43
Ethyl Acetate
Concen: 21.115 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

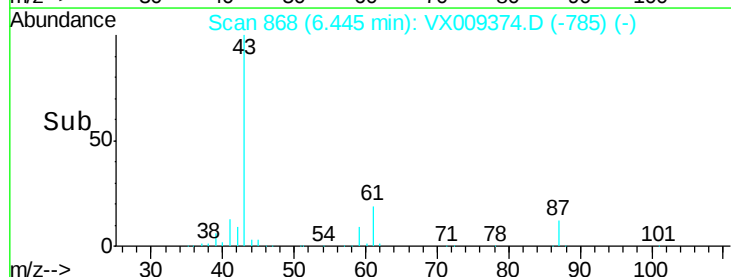
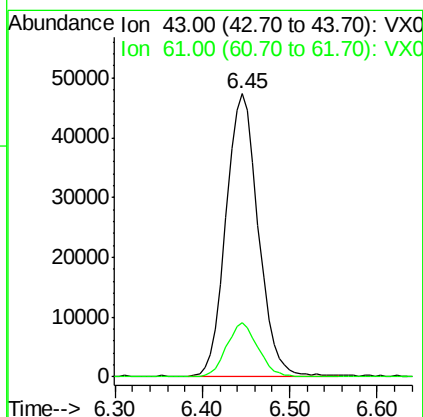
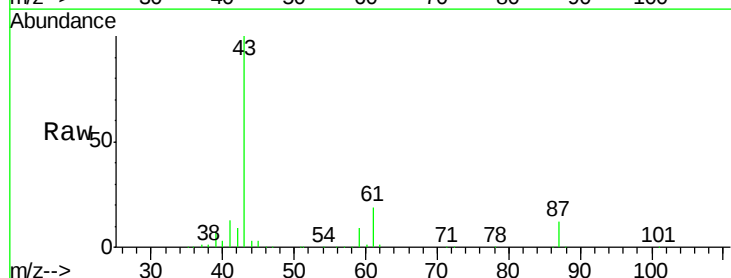
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

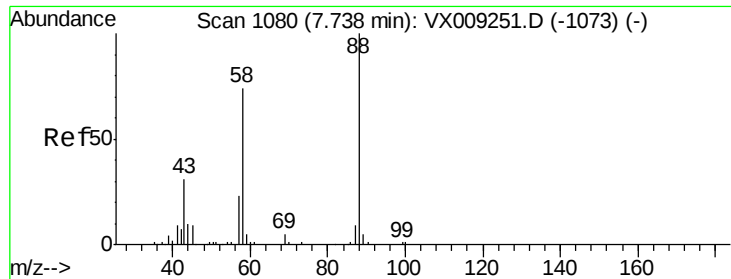
Tot Ion: 43 Resp: 76566
Ion Ratio Lower Upper
43 100
45 15.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.600 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 43 Resp: 121009
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.2

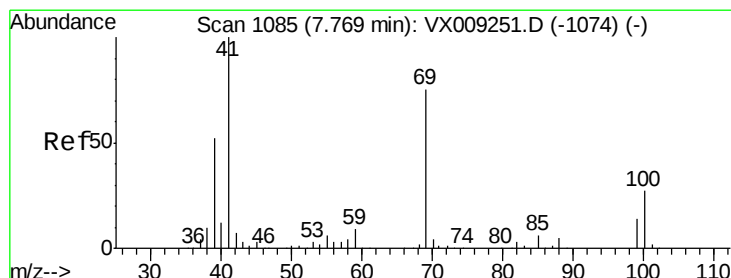
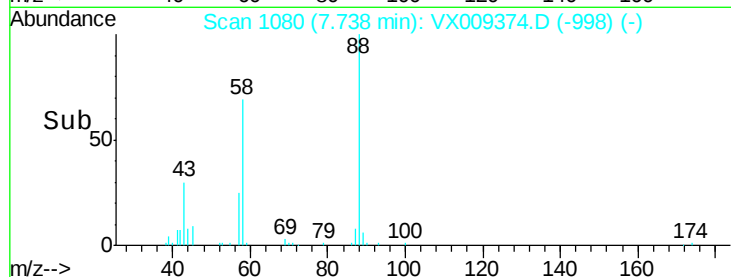
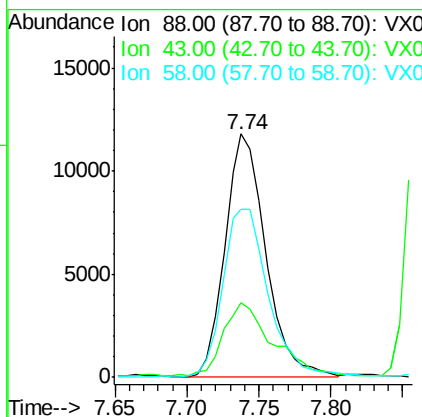
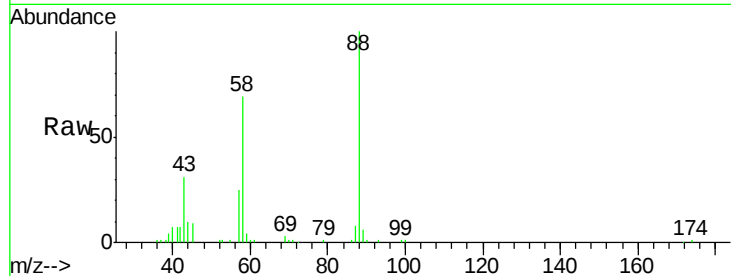




#45
 1,4-Dioxane
 Concen: 404.607 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

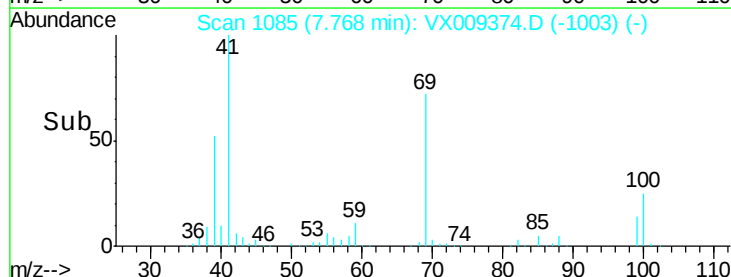
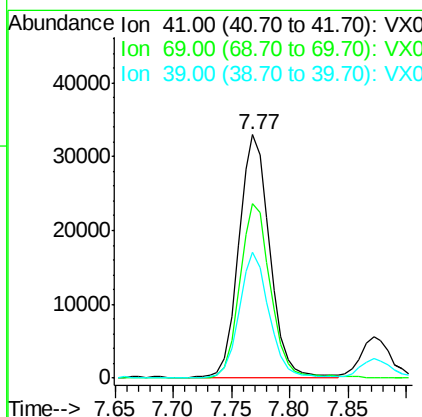
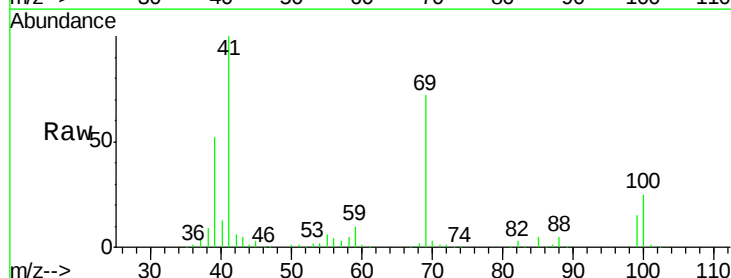
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

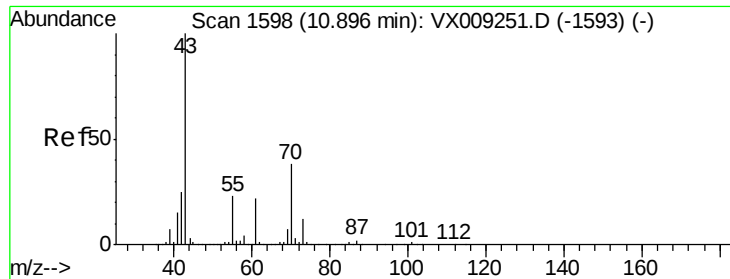
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	28.5	42.7
58	77.9	62.5	93.7



#46
 Methyl methacrylate
 Concen: 20.791 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.1	37.6	112.8
39	51.5	25.8	77.3





#47

n-amvl Acetate

Concen: 20.225 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

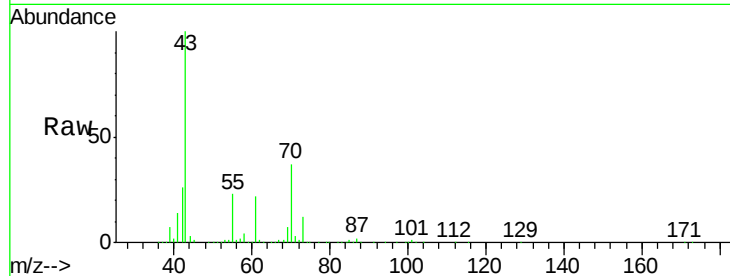
VX0507WBSD01

Tot Ion: 43 Resp: 107025

Ion Ratio Lower Upper

43 100

55 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

80000

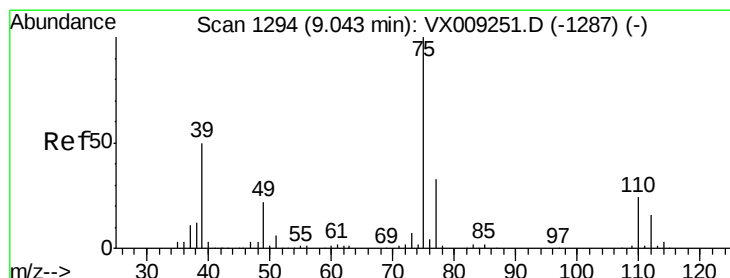
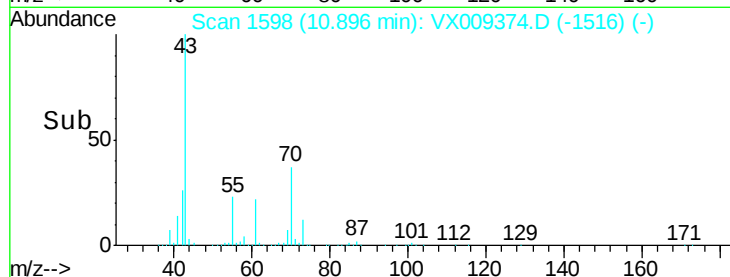
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.741 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009374.D

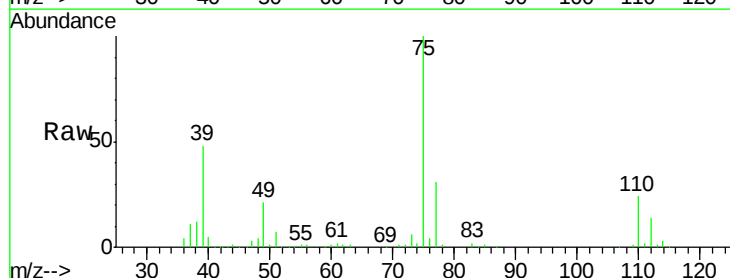
Acq: 07 May 2019 13:11

Tgt Ion: 75 Resp: 60072

Ion Ratio Lower Upper

75 100

77 31.0 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

50000

40000

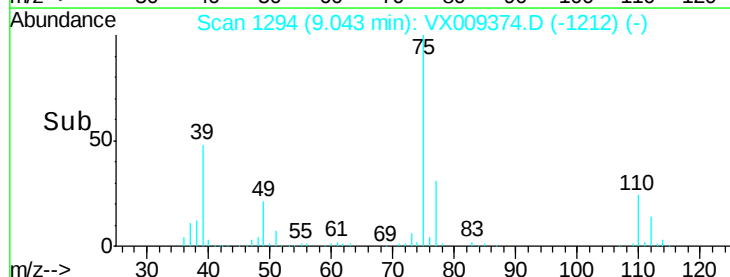
30000

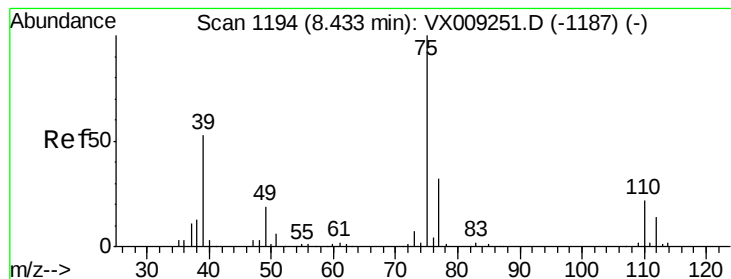
20000

10000

0

Time-->



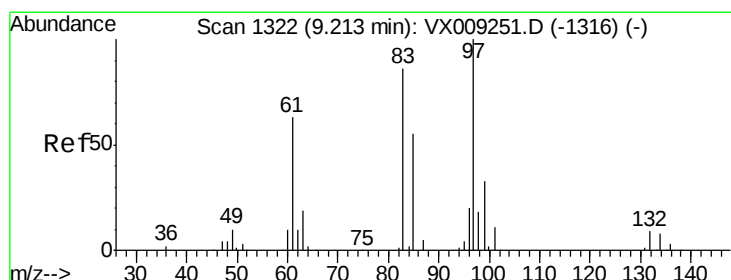
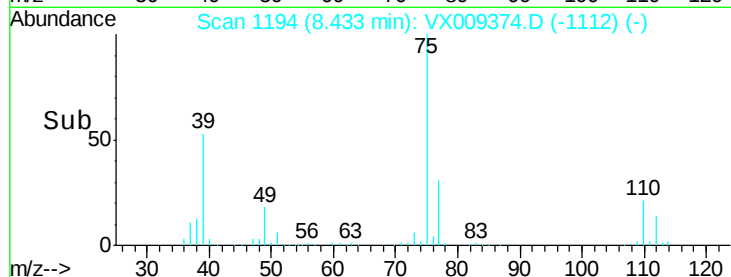
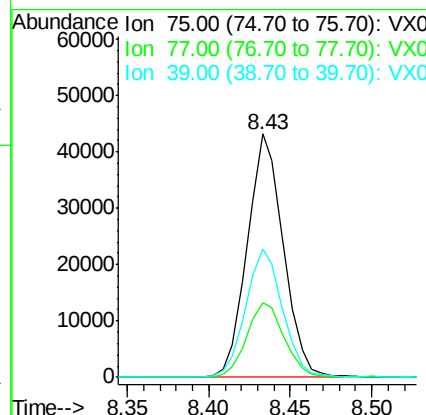
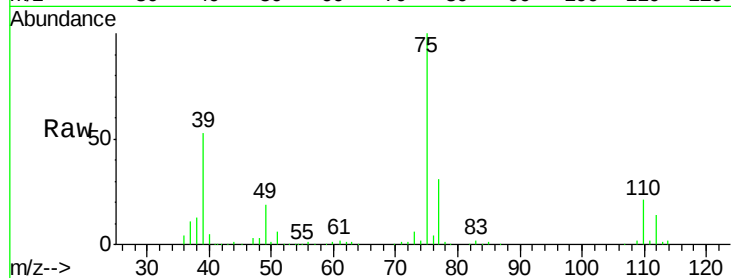


#49

cis-1,3-Dichloropropene
Concen: 19.963 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

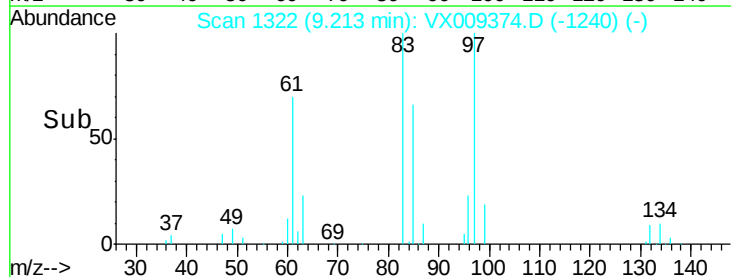
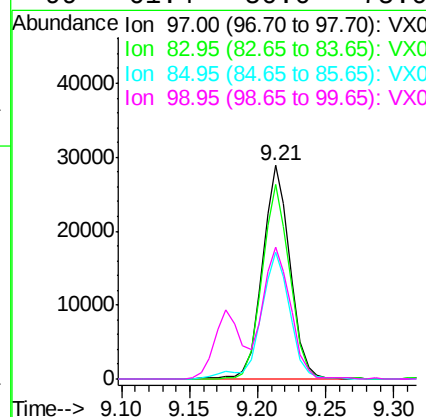
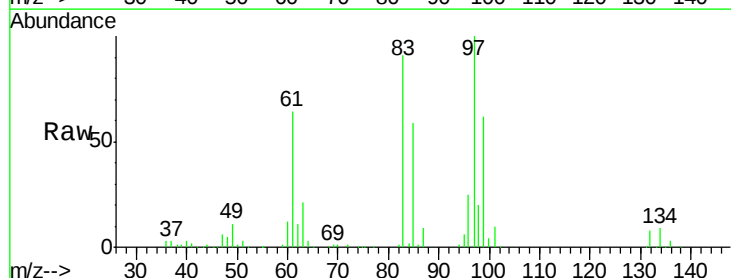
Tot Ion: 75 Resp: 66689
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0
39 52.6 42.6 63.8

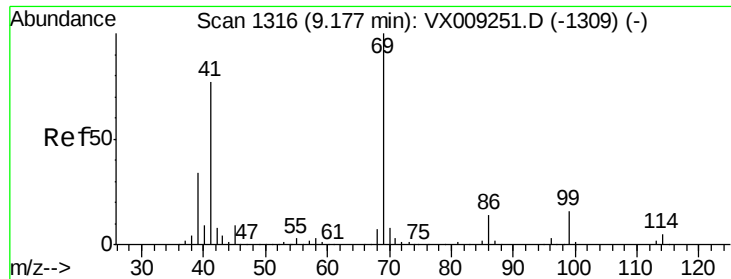


#50

1,1,2-Trichloroethane
Concen: 21.071 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 97 Resp: 41219
Ion Ratio Lower Upper
97 100
83 91.1 68.8 103.2
85 59.0 45.8 68.6
99 61.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 20.199 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

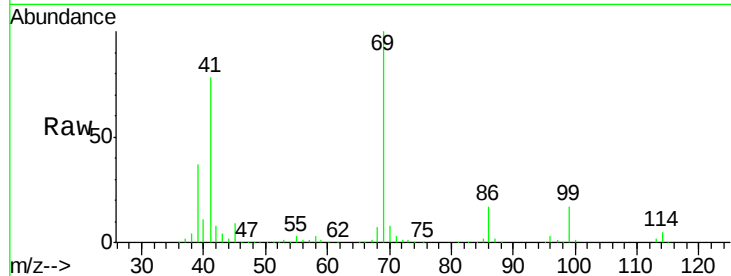
Tot Ion: 69 Resp: 73020

Ion Ratio Lower Upper

69 100

41 78.3 38.4 115.2

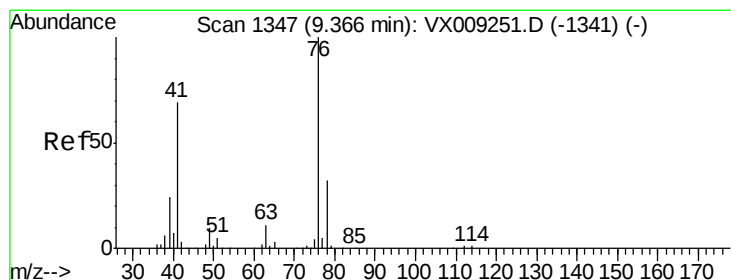
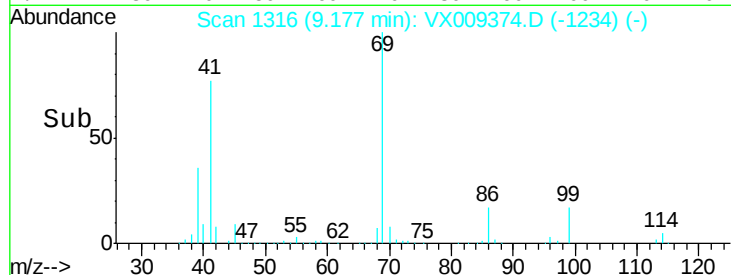
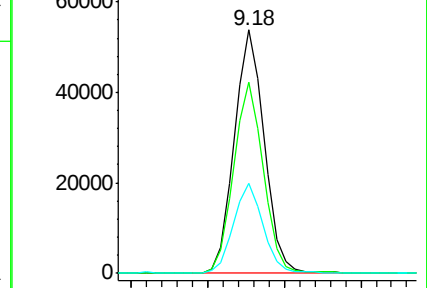
39 36.5 17.2 51.5



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: 21.190 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009374.D

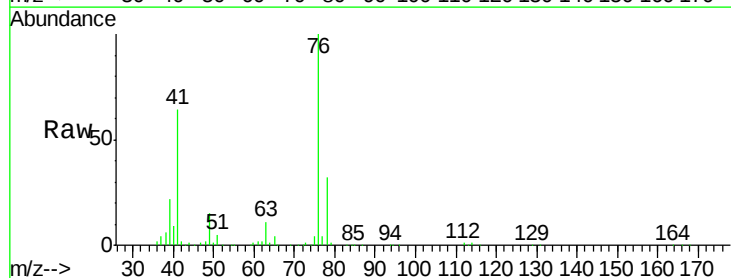
Acq: 07 May 2019 13:11

Tgt Ion: 76 Resp: 73565

Ion Ratio Lower Upper

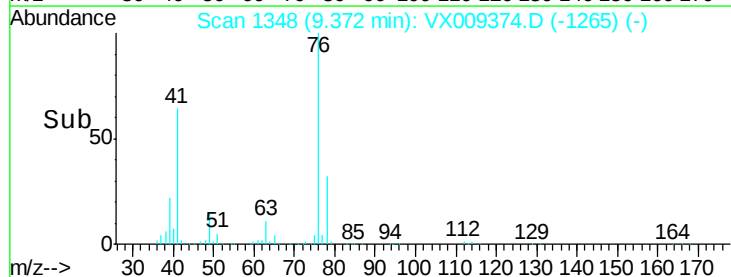
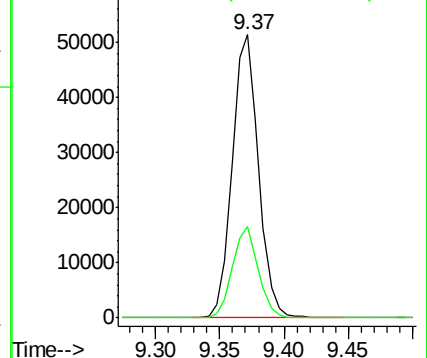
76 100

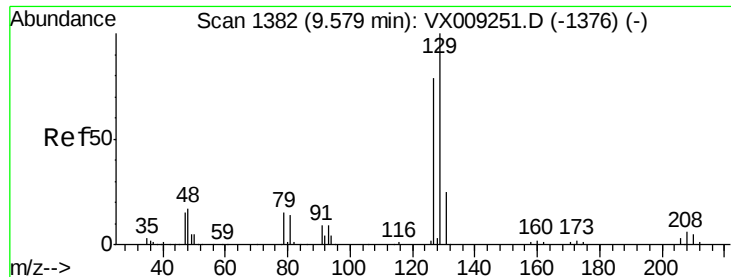
78 31.7 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.619 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

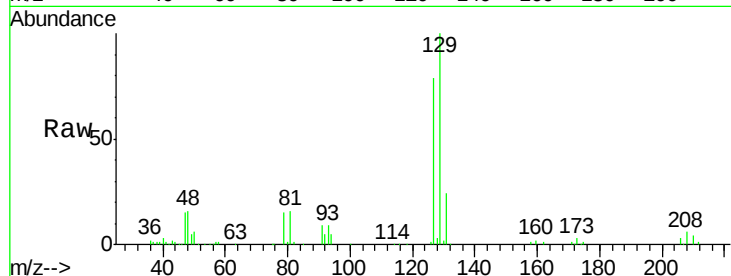
VX0507WBSD01

Tot Ion:129 Resp: 40169

Ion Ratio Lower Upper

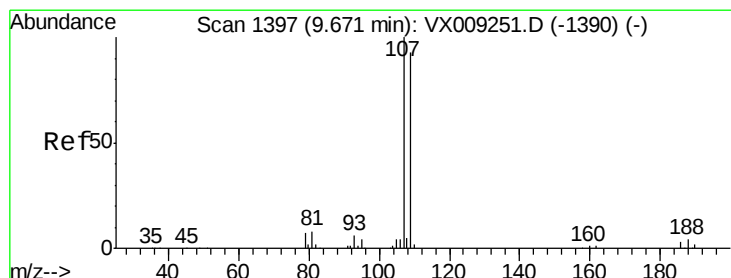
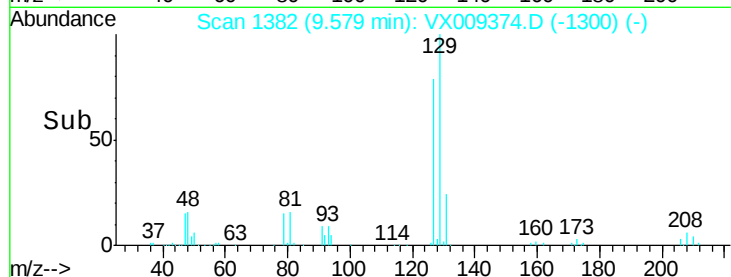
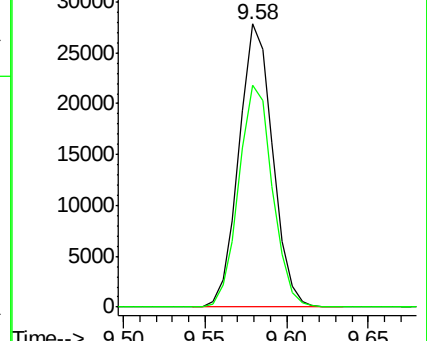
129 100

127 78.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.719 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009374.D

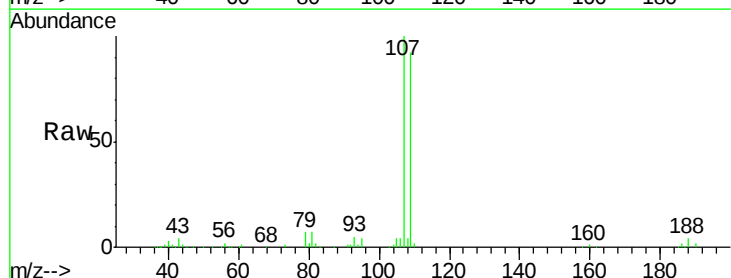
Acq: 07 May 2019 13:11

Tgt Ion:107 Resp: 41568

Ion Ratio Lower Upper

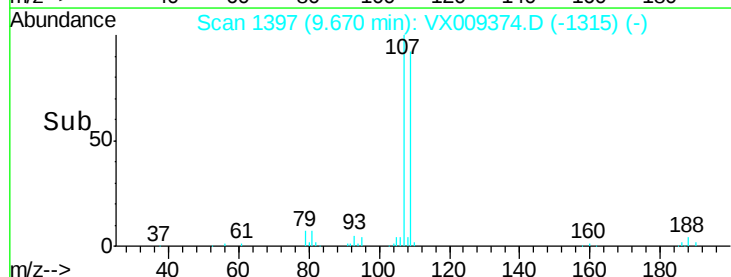
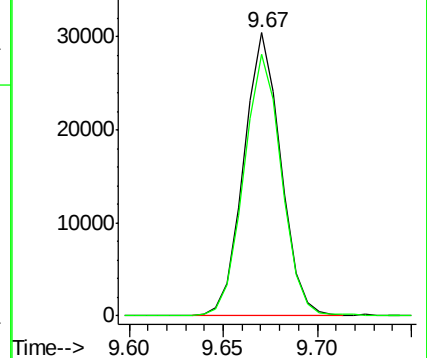
107 100

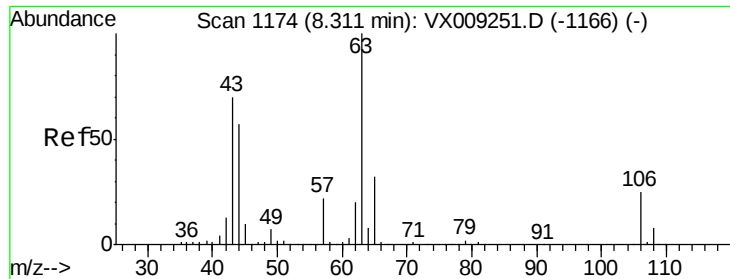
109 94.2 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

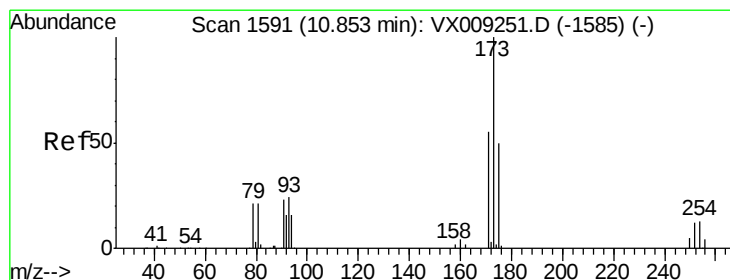
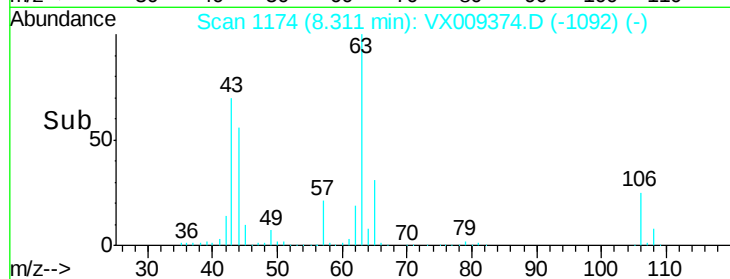
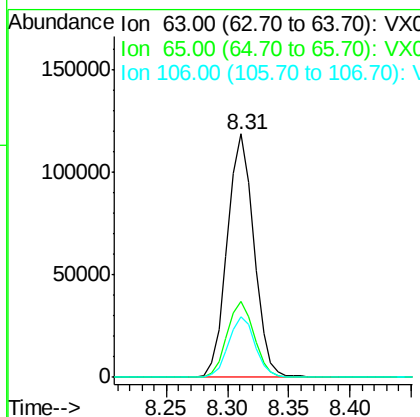
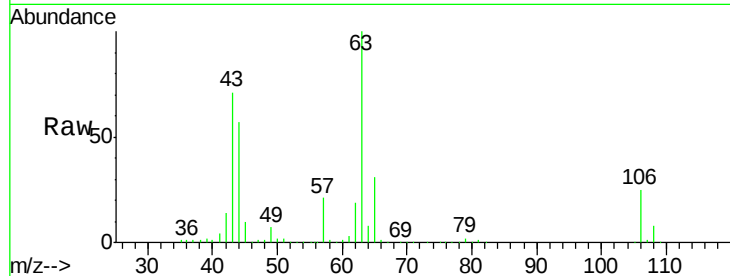




#55
2-Chloroethyl vinyl ether
Concen: 93.011 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

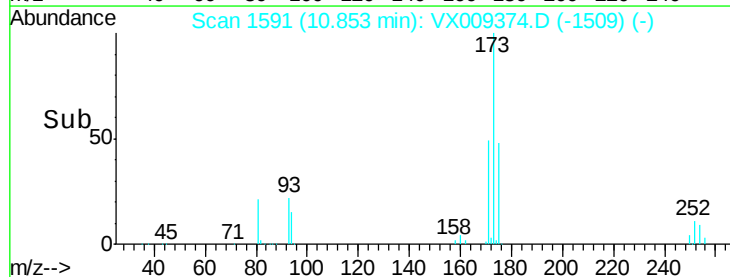
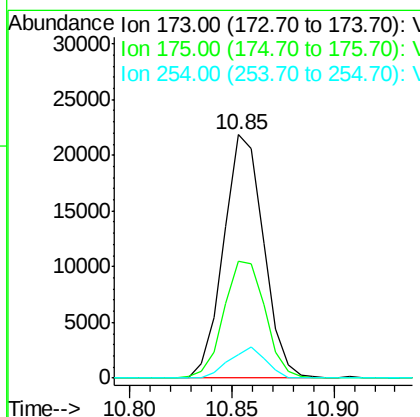
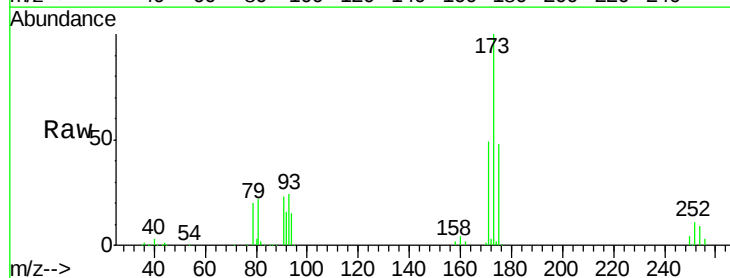
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

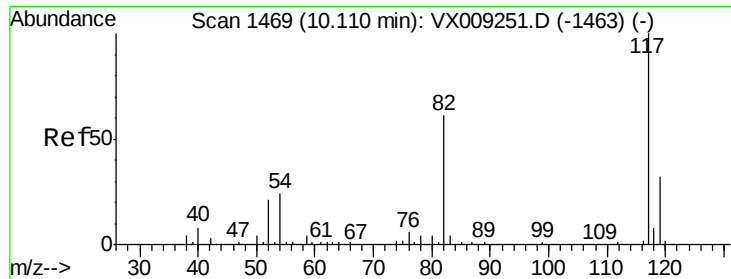
Tot Ion: 63 Resp: 179166
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 24.6 19.8 29.6



#56
Bromoform
Concen: 19.810 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 173 Resp: 29626
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.2
254 11.5 9.9 14.9

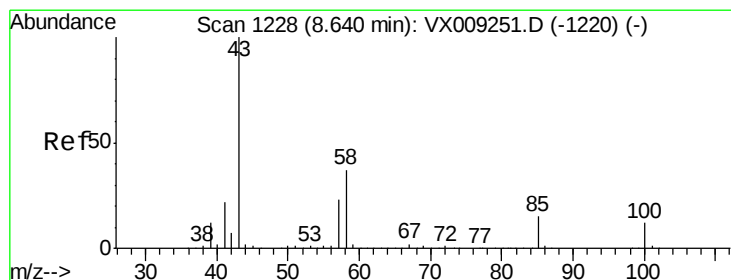
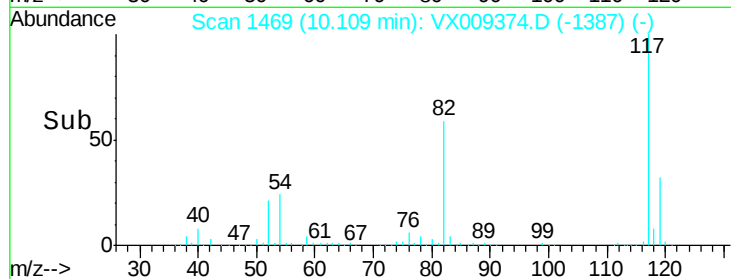
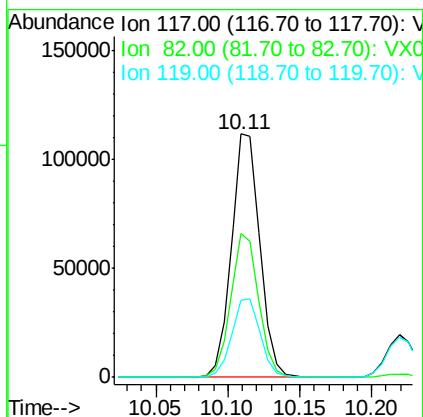
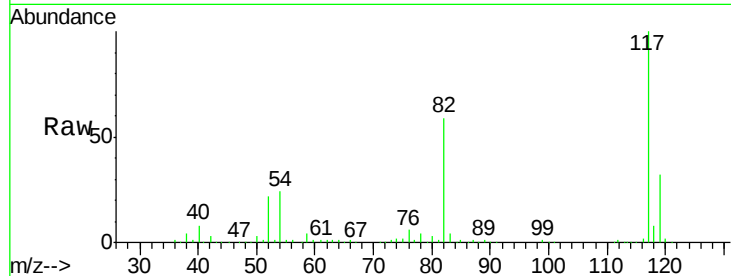




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

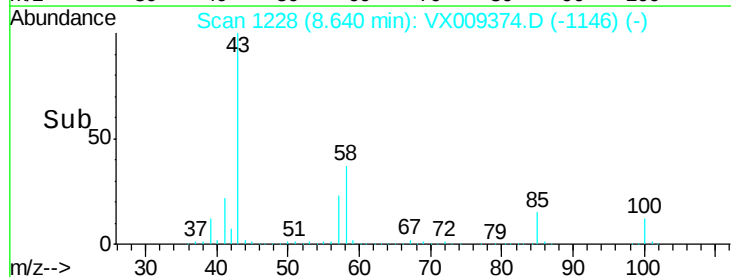
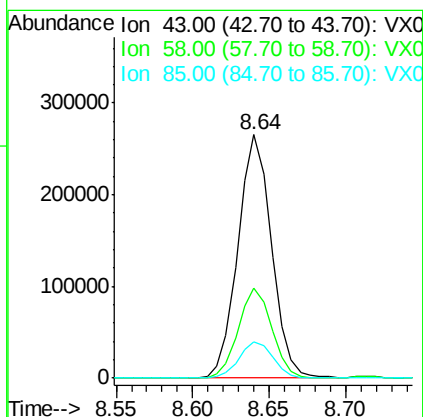
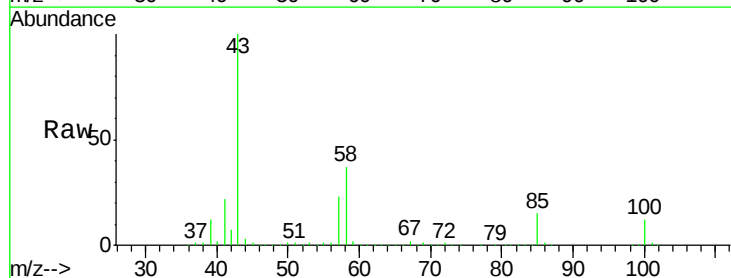
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

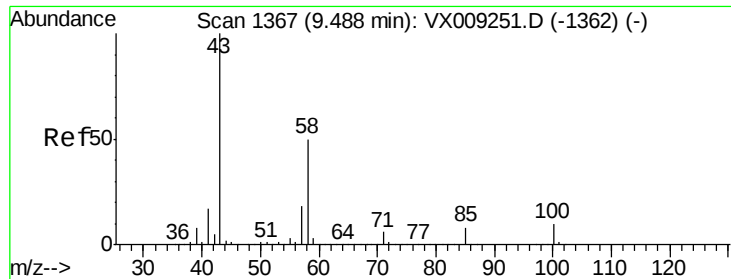
Tot Ion:117 Resp: 155007
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 106.235 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 43 Resp: 404910
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.0
85 15.1 11.8 17.8

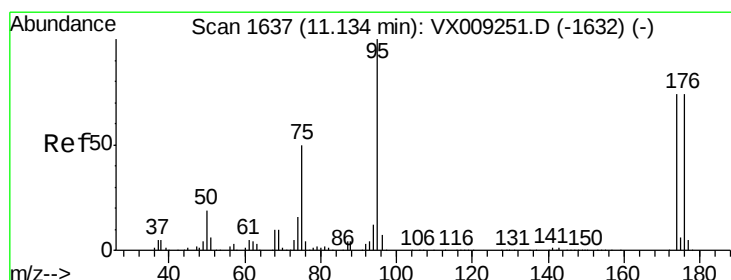
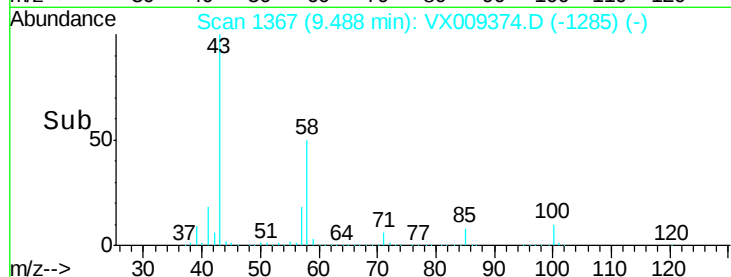
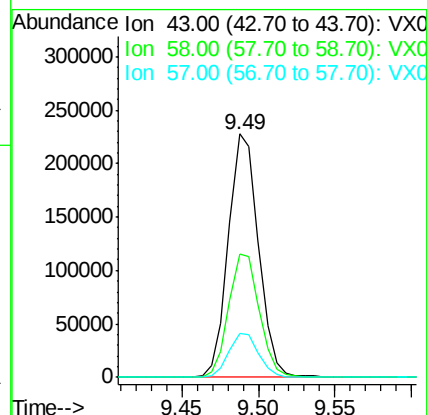
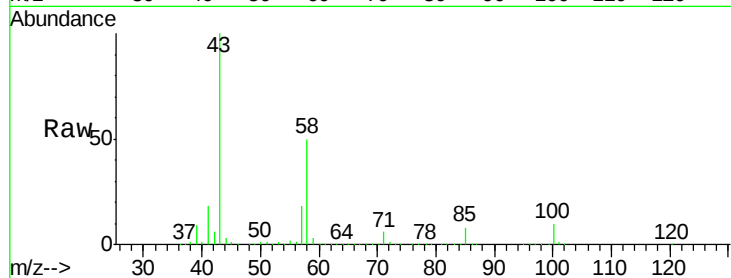




#59
2-Hexanone
Concen: 104.186 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

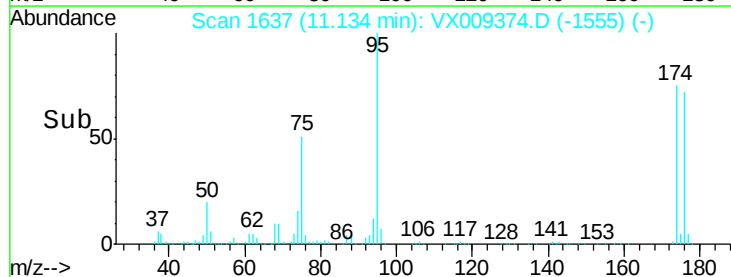
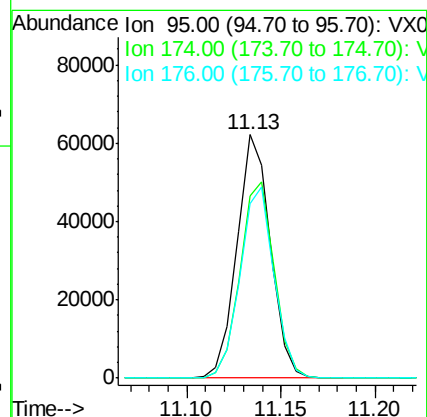
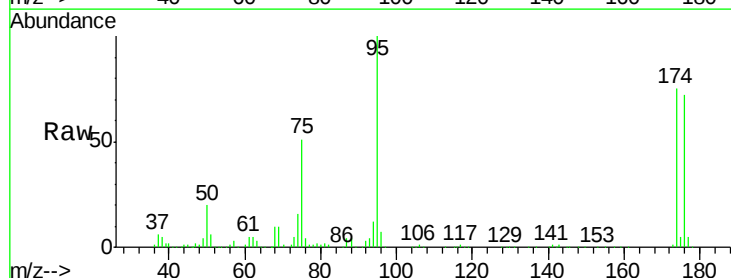
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

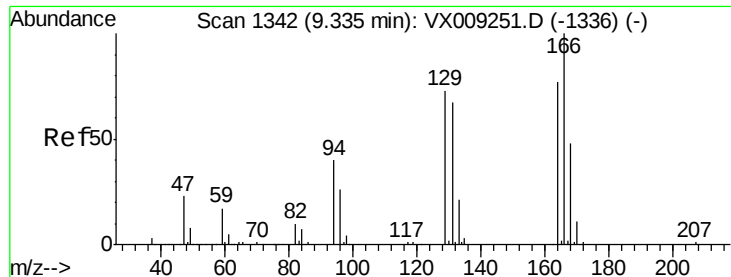
Tot Ion: 43 Resp: 311463
Ion Ratio Lower Upper
43 100
58 51.3 40.8 61.2
57 18.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.064 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 95 Resp: 76553
Ion Ratio Lower Upper
95 100
174 82.4 63.6 95.4
176 79.7 62.4 93.6





#61

Tetrachloroethene

Concen: 20.229 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

Tot Ion:164 Resp: 34567

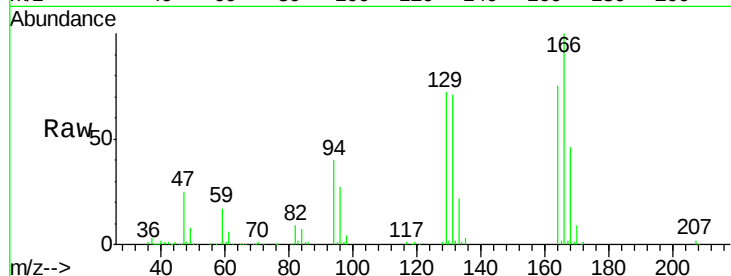
Ion Ratio Lower Upper

164 100

166 133.5 104.1 156.1

129 96.6 76.0 114.0

131 95.3 70.1 105.1

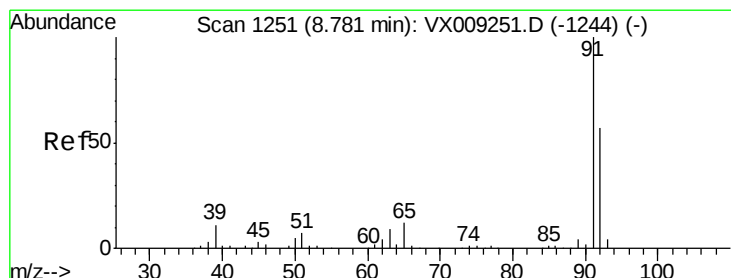
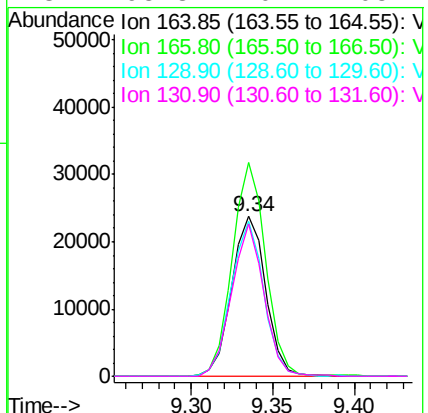
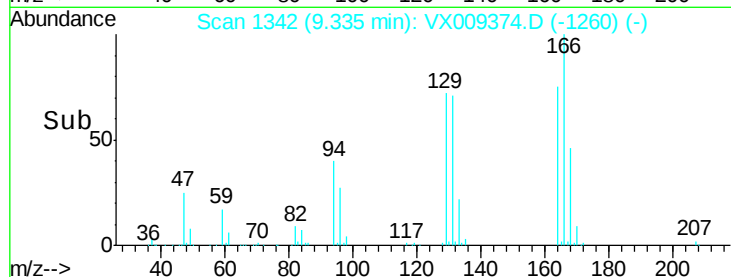


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.683 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009374.D

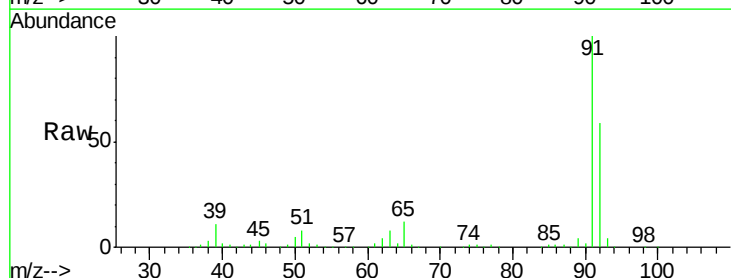
Acq: 07 May 2019 13:11

Tgt Ion: 91 Resp: 171311

Ion Ratio Lower Upper

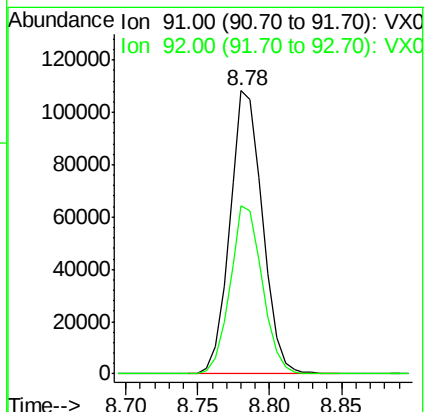
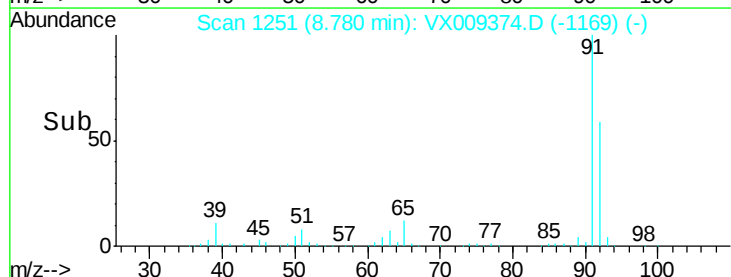
91 100

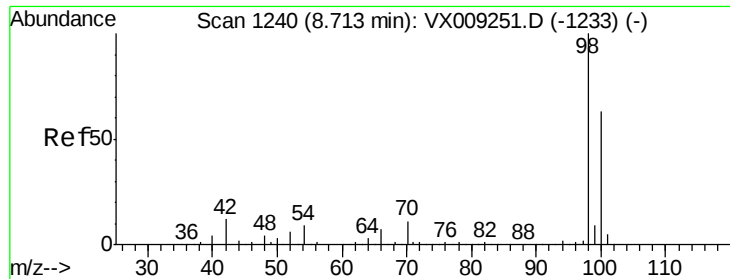
92 58.5 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

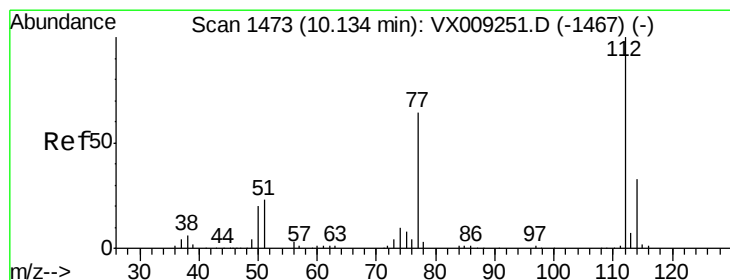
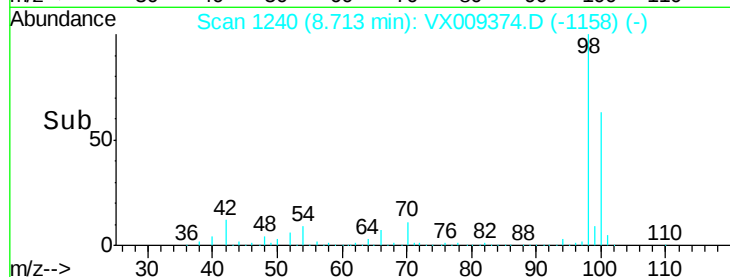
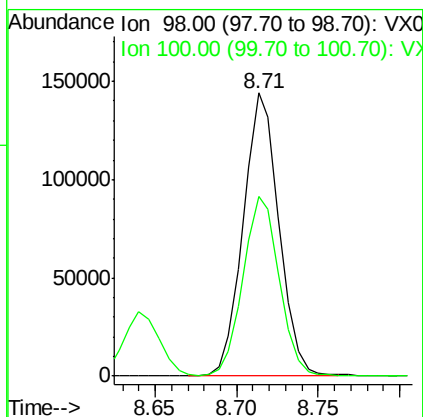
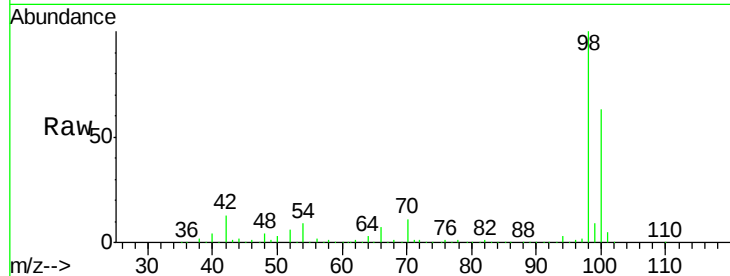




#63
Toluene-d8
Concen: 29.955 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

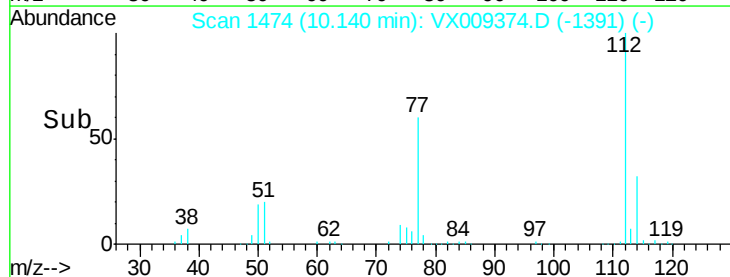
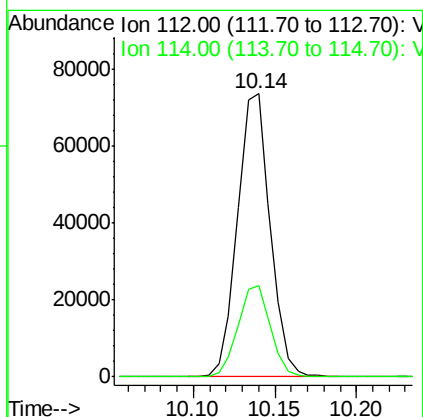
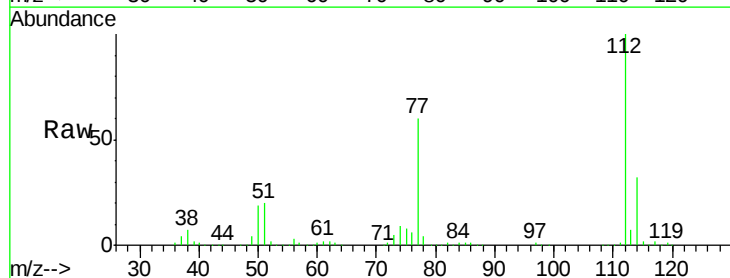
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

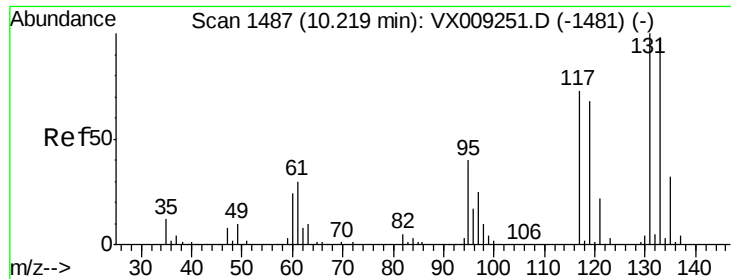
Tot Ion: 98 Resp: 220143
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#64
Chlorobenzene
Concen: 20.688 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 112 Resp: 103127
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.781 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

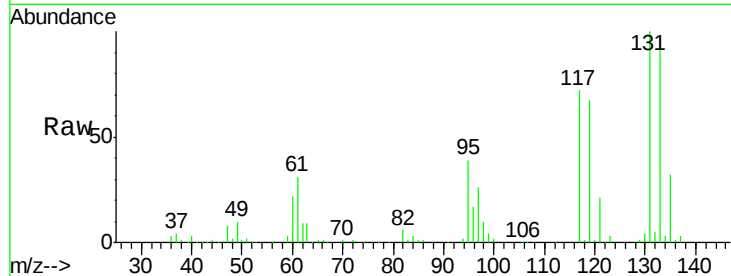
Tot Ion:131 Resp: 37930

Ion Ratio Lower Upper

131 100

133 95.1 0.0 191.2

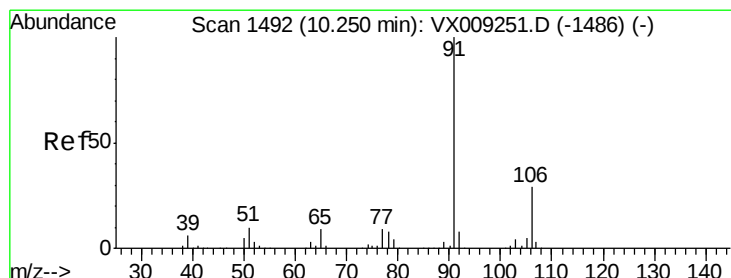
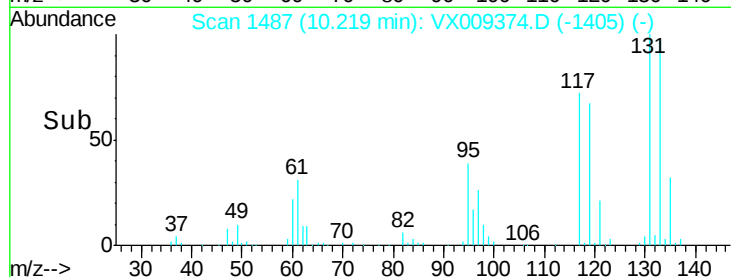
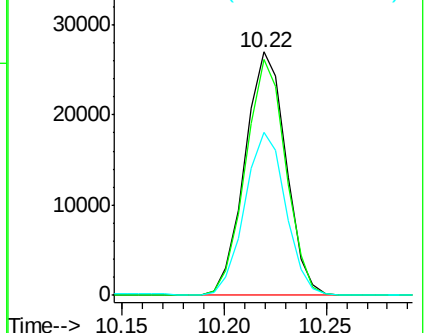
119 66.7 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.229 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009374.D

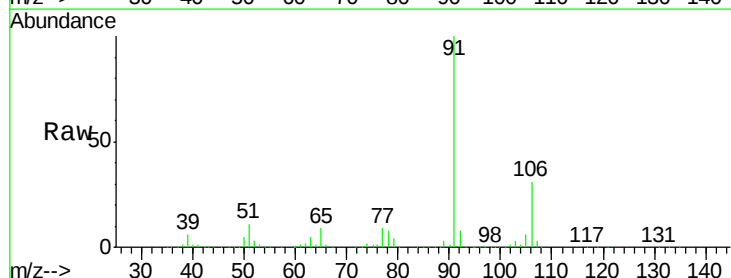
Acq: 07 May 2019 13:11

Tgt Ion: 91 Resp: 186661

Ion Ratio Lower Upper

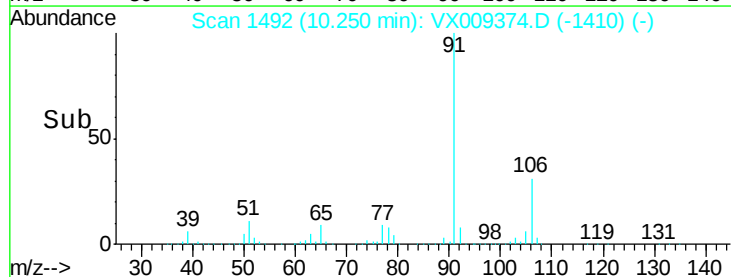
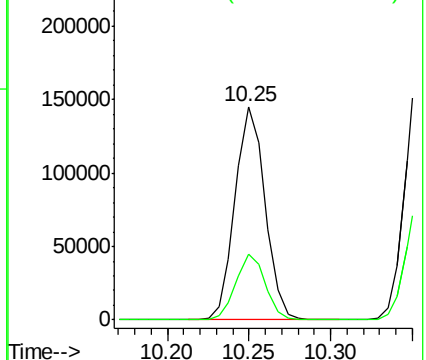
91 100

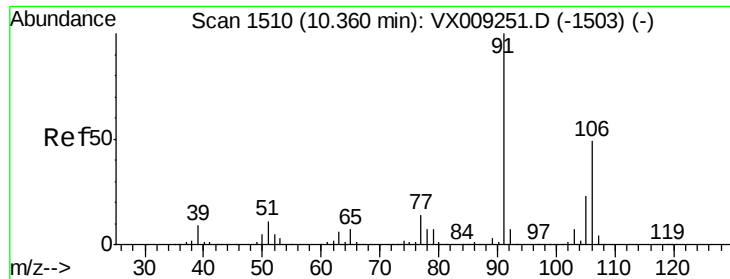
106 30.6 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

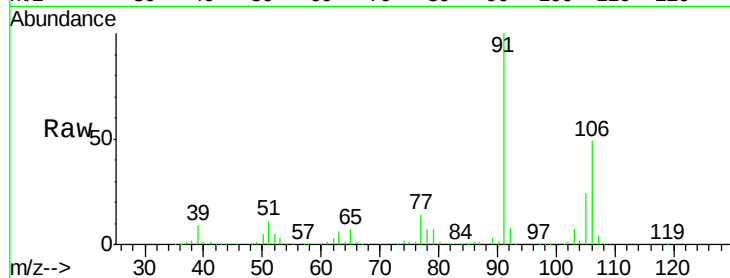




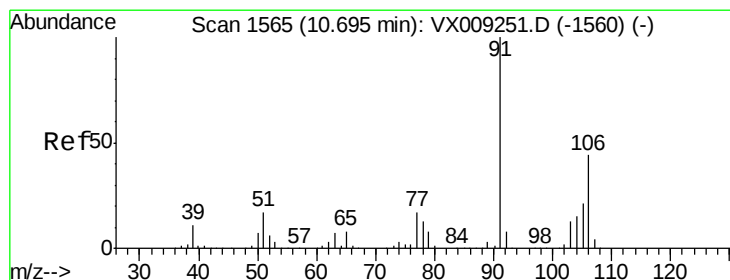
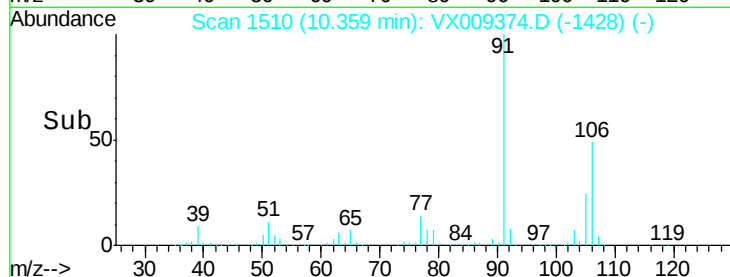
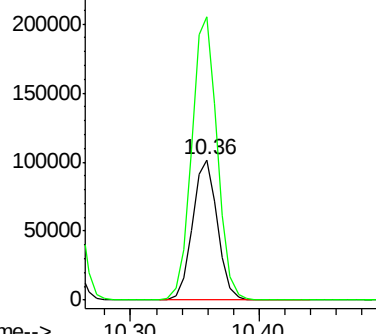
#67
m/p-Xylenes
Concen: 41.005 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

Tot Ion:106 Resp: 138143
Ion Ratio Lower Upper
106 100
91 206.2 166.8 250.2

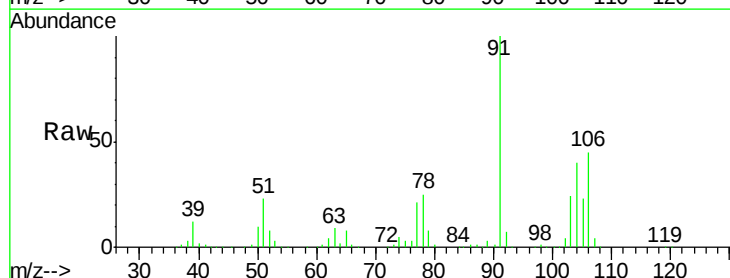


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

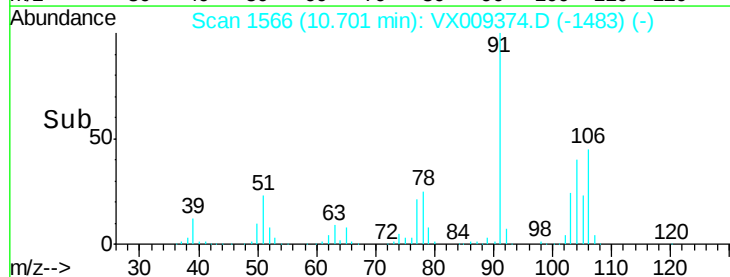
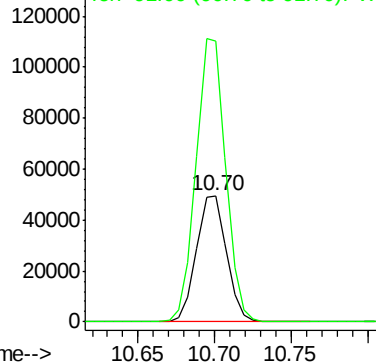


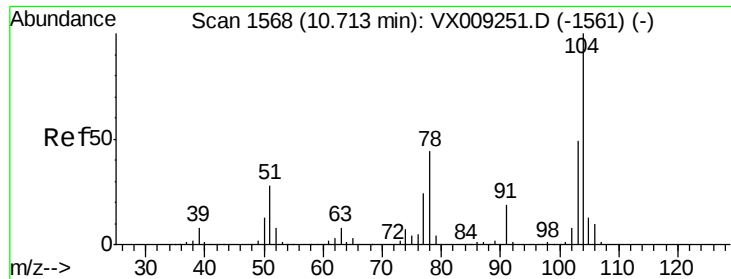
#68
o-Xylene
Concen: 20.373 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion:106 Resp: 67487
Ion Ratio Lower Upper
106 100
91 220.4 110.8 332.3



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

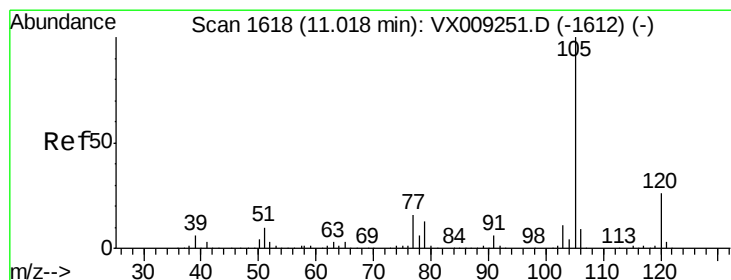
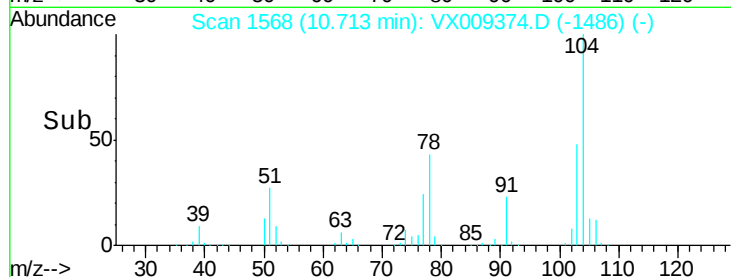
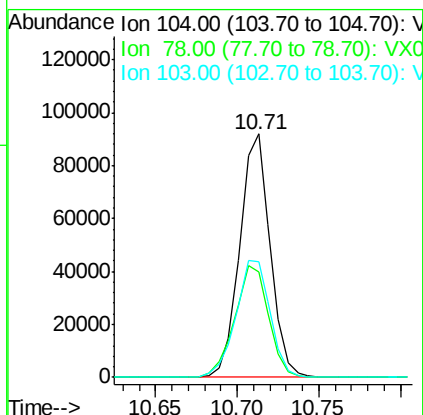
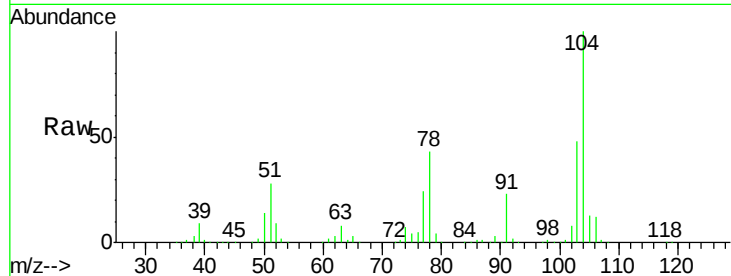




#69
Stvrene
Concen: 20.563 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

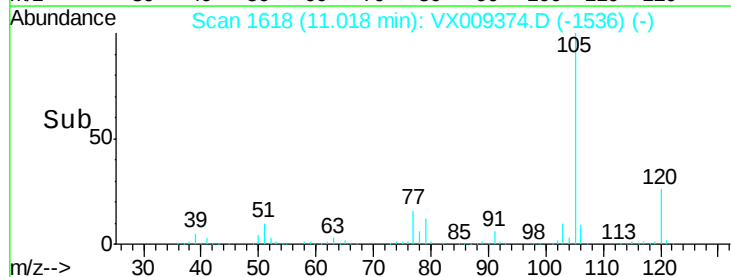
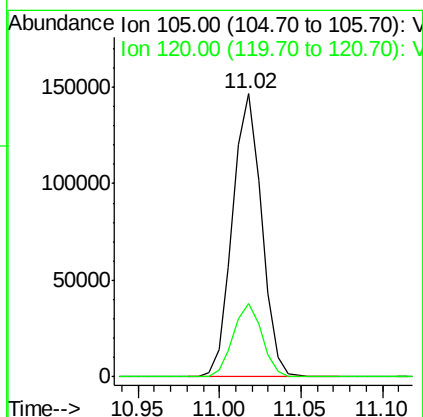
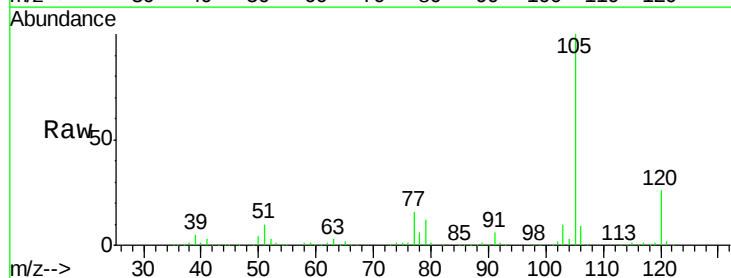
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

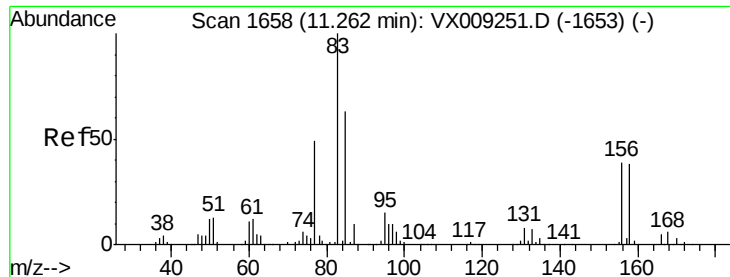
Tot Ion:104 Resp: 119578
Ion Ratio Lower Upper
104 100
78 51.3 41.1 61.7
103 54.3 43.8 65.8



#70
Isopropylbenzene
Concen: 20.457 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion:105 Resp: 182249
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.7

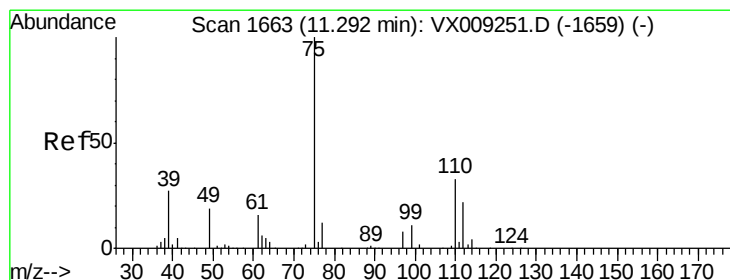
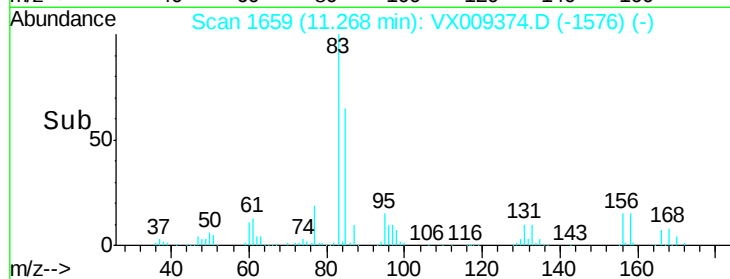
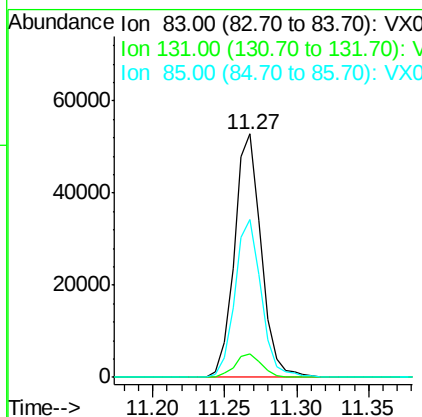
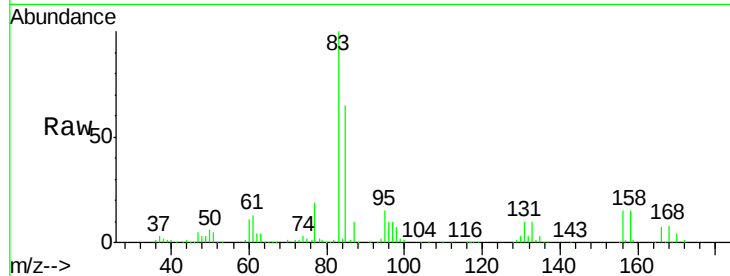




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.057 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

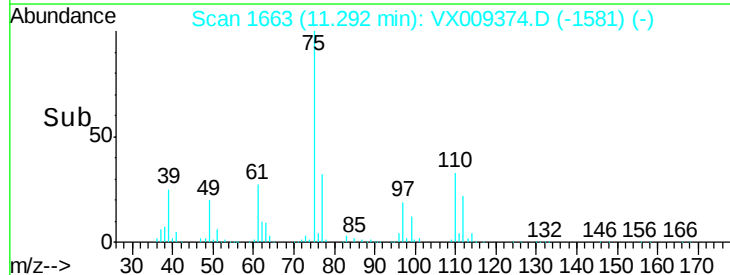
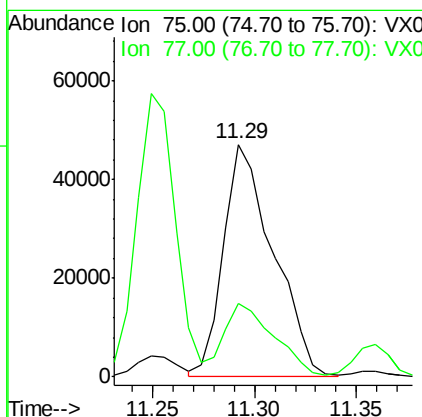
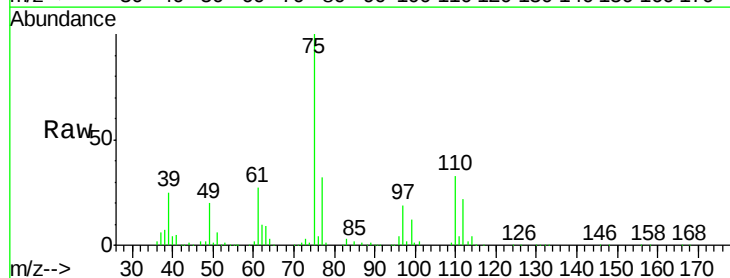
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

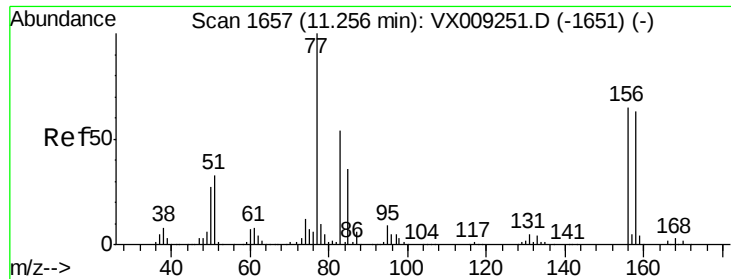
Tot Ion: 83 Resp: 68704
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 64.2 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 28.435 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 75 Resp: 79950
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 86.4

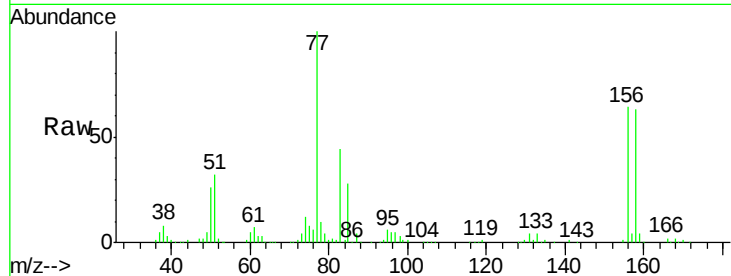




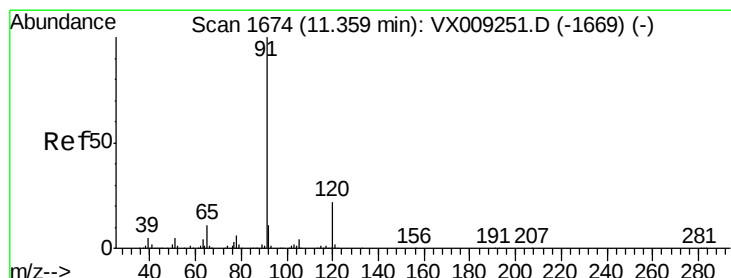
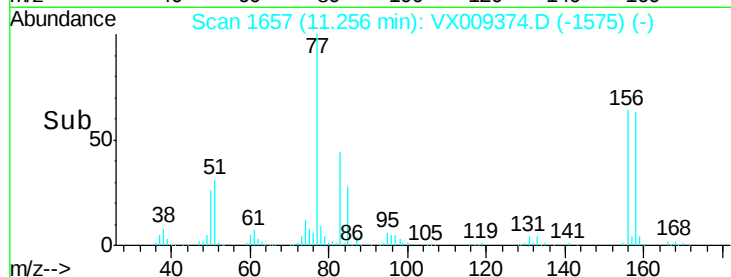
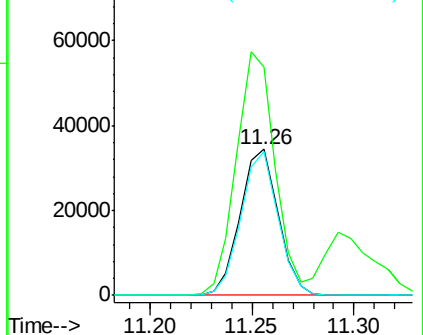
#73
Bromobenzene
Concen: 20.487 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

Tot Ion:156 Resp: 45096
Ion Ratio Lower Upper
156 100
77 167.4 0.0 335.6
158 95.6 0.0 191.2

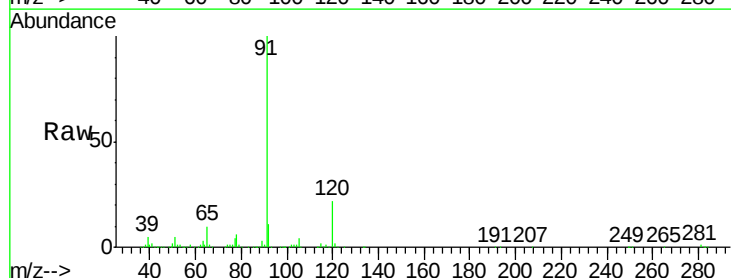


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

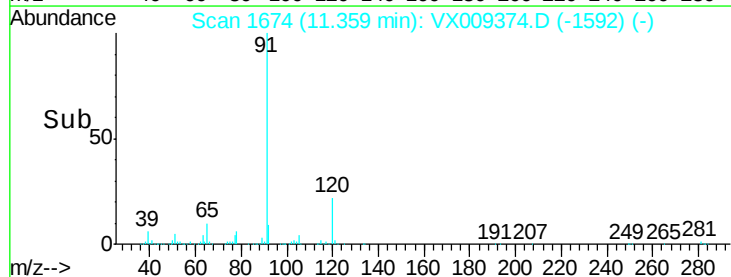
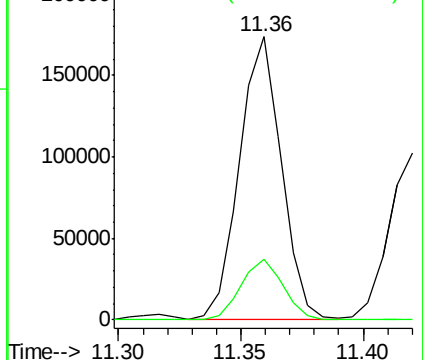


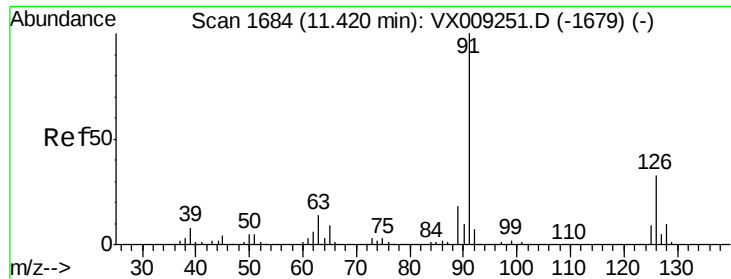
#74
n-propylbenzene
Concen: 20.158 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion: 91 Resp: 208109
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.4



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





#75

2-Chlorotoluene

Concen: 20.511 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

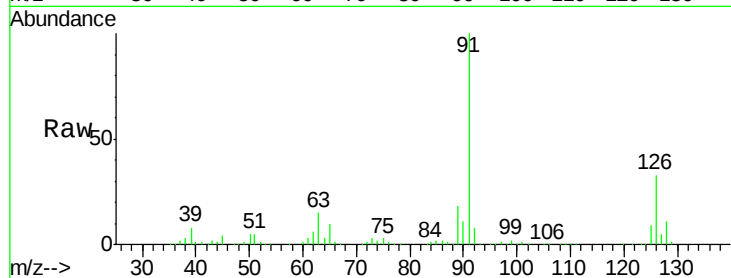
VX0507WBSD01

Tot Ion: 91 Resp: 127011

Ion Ratio Lower Upper

91 100

126 32.0 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)

200000

150000

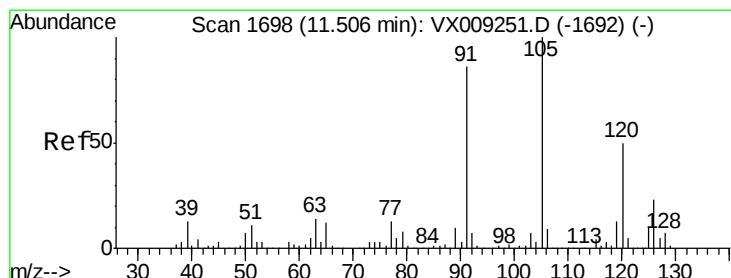
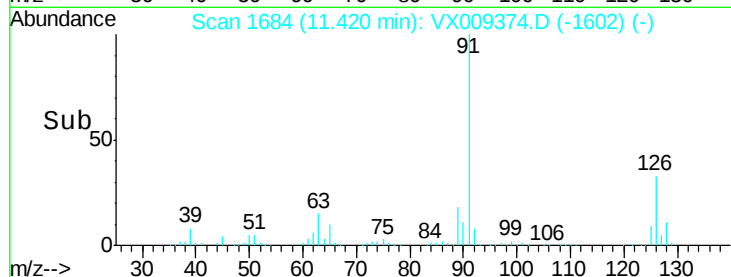
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.298 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009374.D

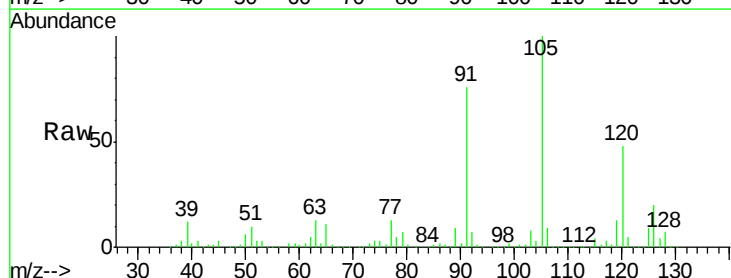
Acq: 07 May 2019 13:11

Tgt Ion:105 Resp: 153182

Ion Ratio Lower Upper

105 100

120 48.7 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)

150000

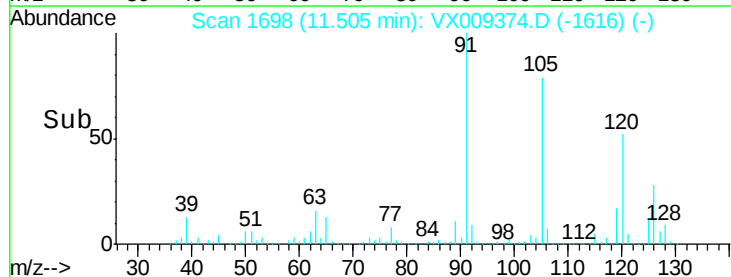
100000

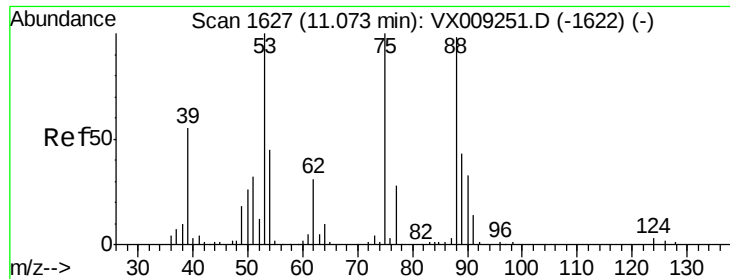
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

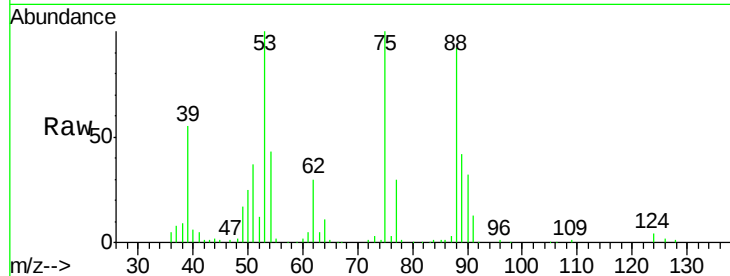
Tot Ion: 75 Resp: 22017

Ion Ratio Lower Upper

75 100

53 99.3 50.0 149.8

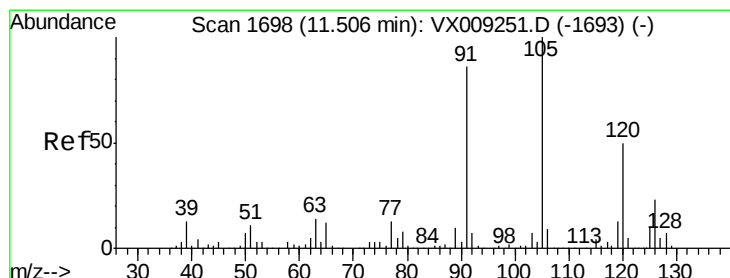
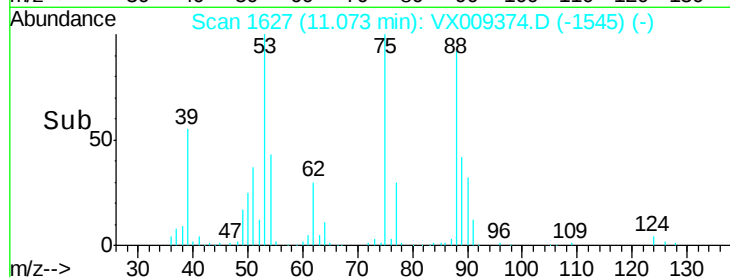
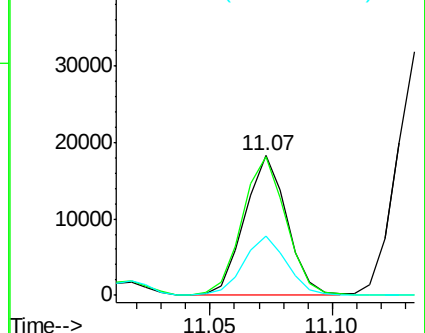
89 42.5 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.901 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009374.D

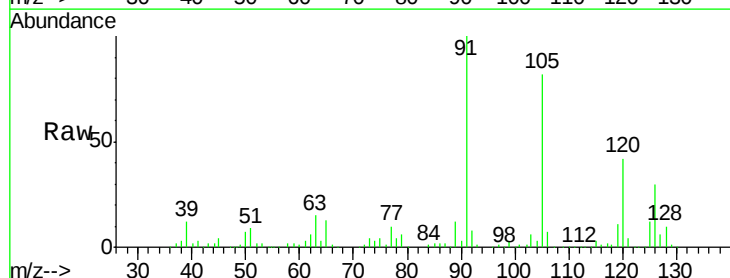
Acq: 07 May 2019 13:11

Tgt Ion: 91 Resp: 139962

Ion Ratio Lower Upper

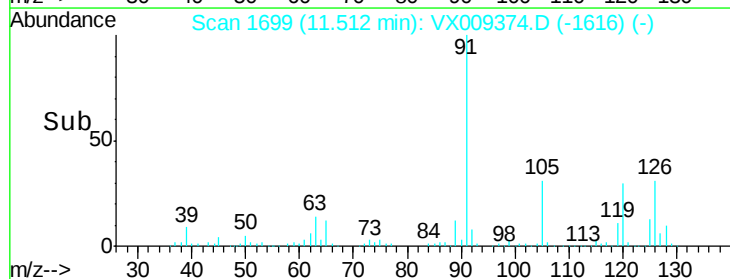
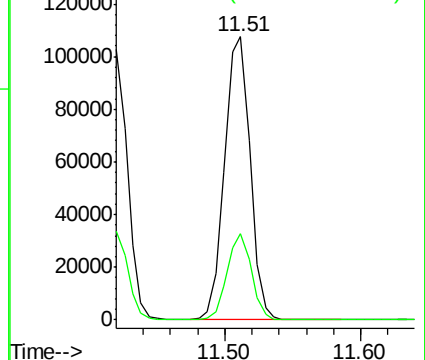
91 100

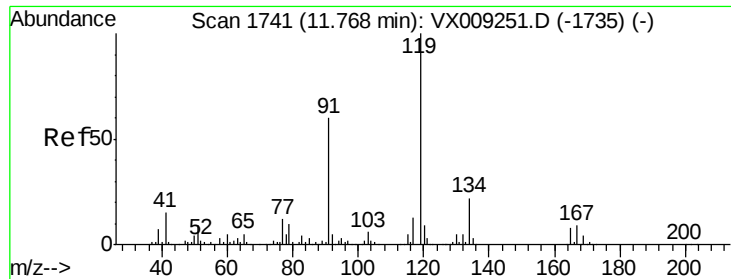
126 29.0 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

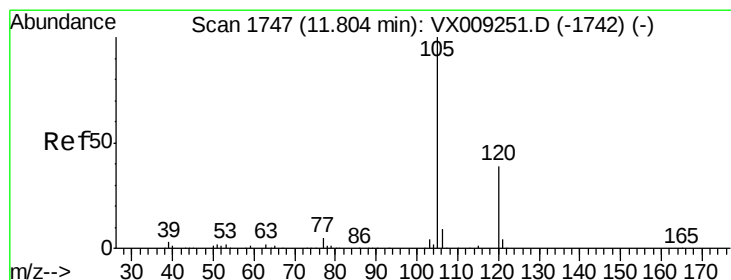
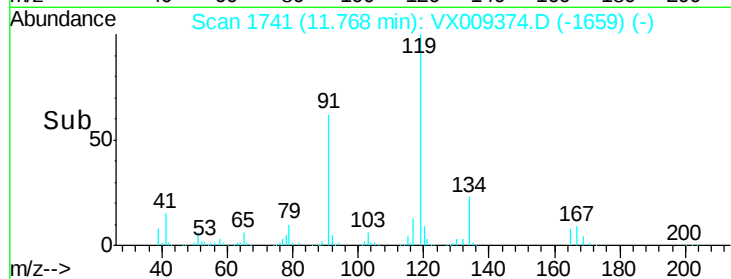
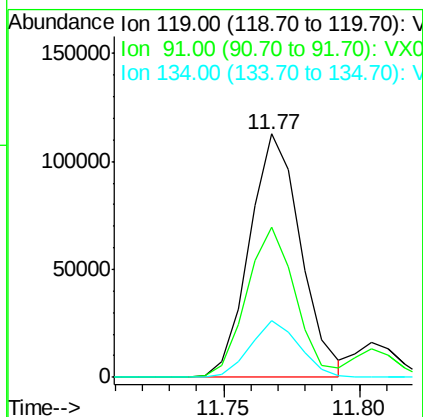
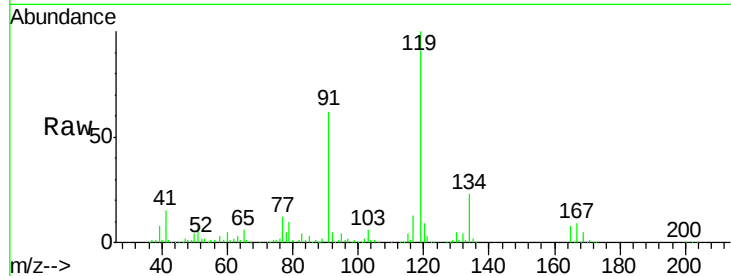




#79
tert-butylbenzene
Concen: 20.197 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

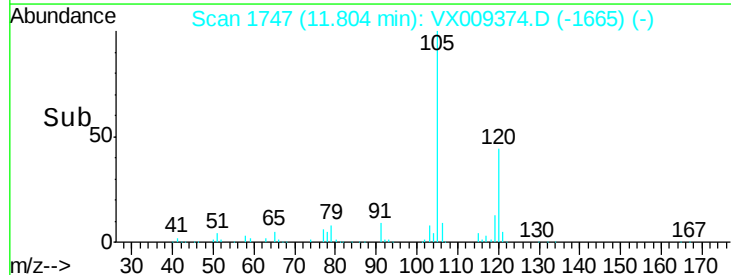
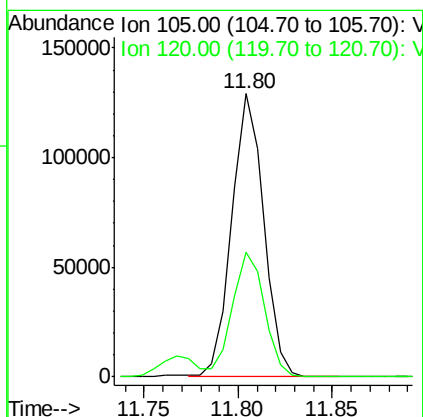
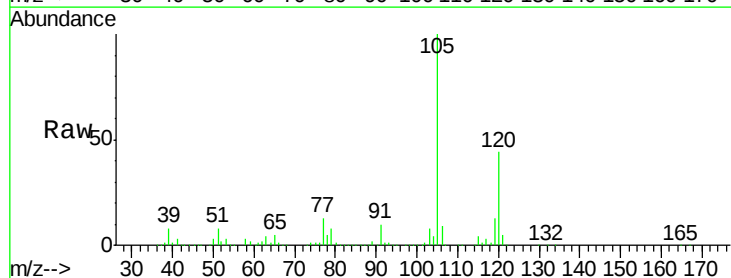
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

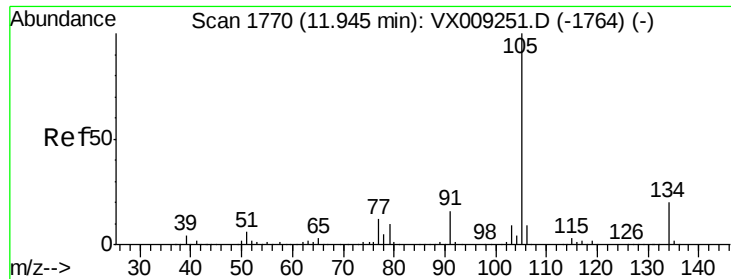
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	0.0	118.2
134	22.3	0.0	45.0



#80
1,2,4-Trimethylbenzene
Concen: 20.119 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	0.0	89.6





#81

sec-Butylbenzene

Concen: 20.124 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

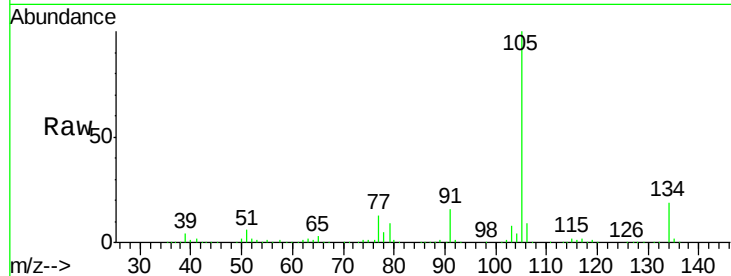
VX0507WBSD01

Tot Ion:105 Resp: 174425

Ion Ratio Lower Upper

105 100

134 19.4 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

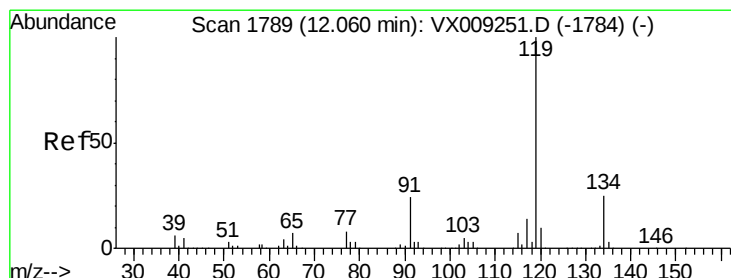
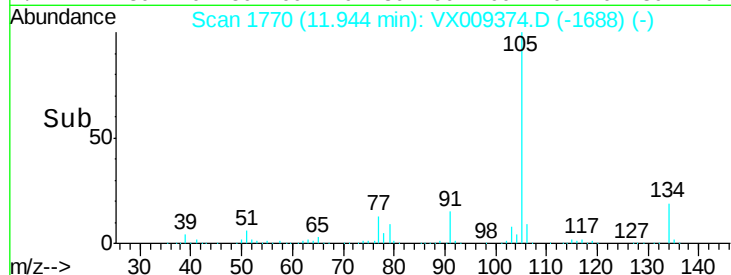
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 20.081 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

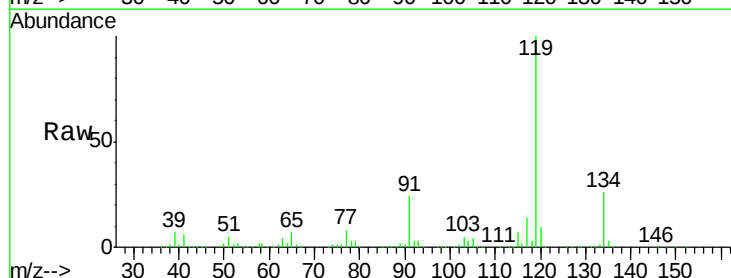
Tgt Ion:119 Resp: 158324

Ion Ratio Lower Upper

119 100

134 25.9 0.0 50.8

91 23.5 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

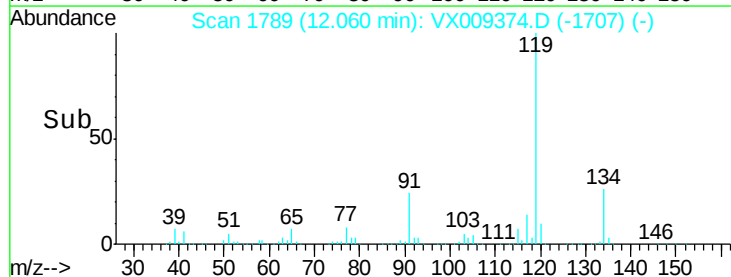
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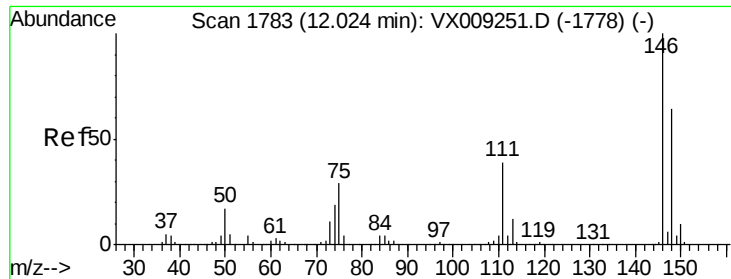
100000

50000

0

Time-->

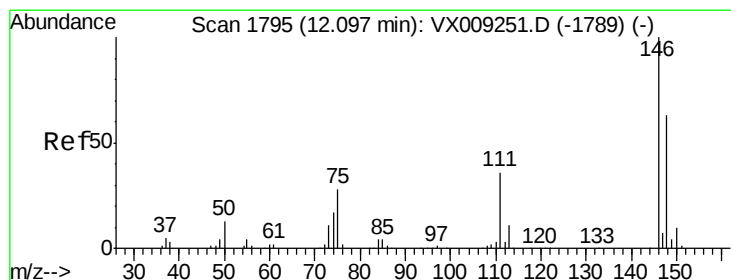
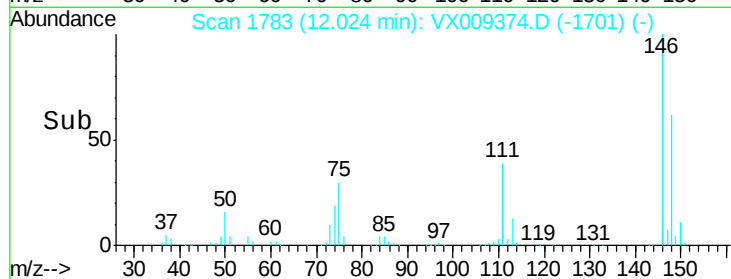
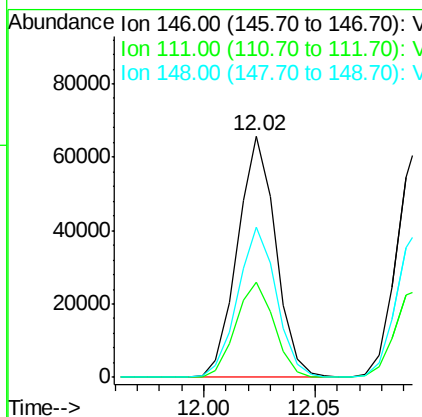
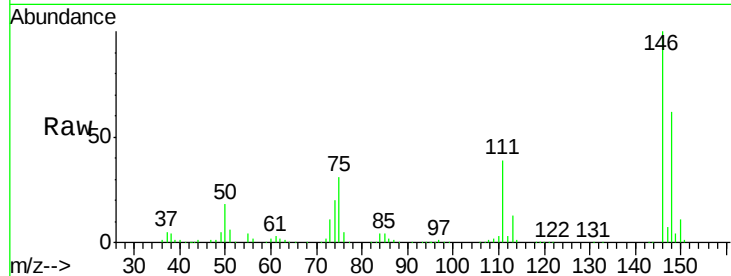




#83
 1,3-Dichlorobenzene
 Concen: 20.011 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

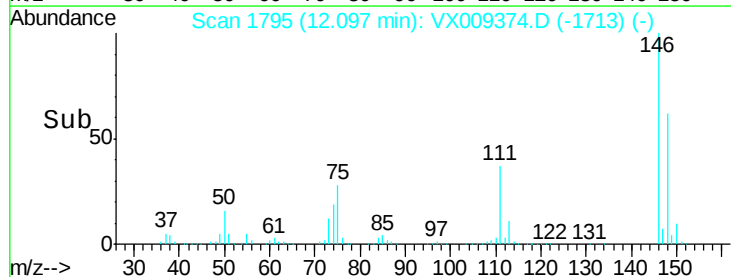
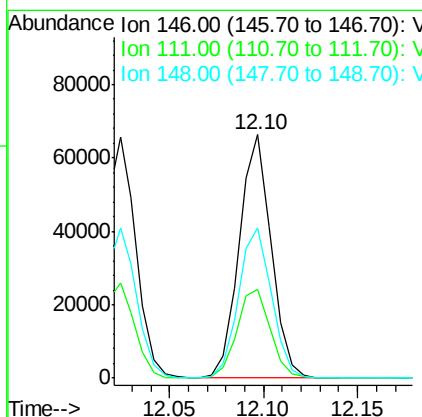
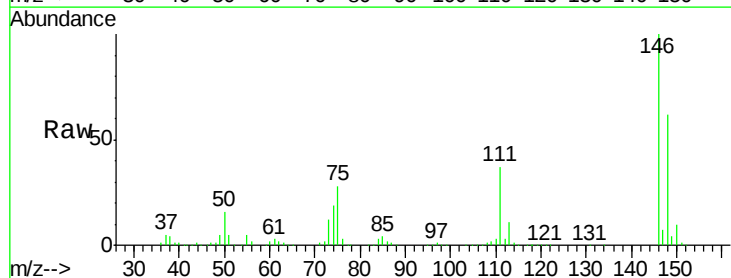
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

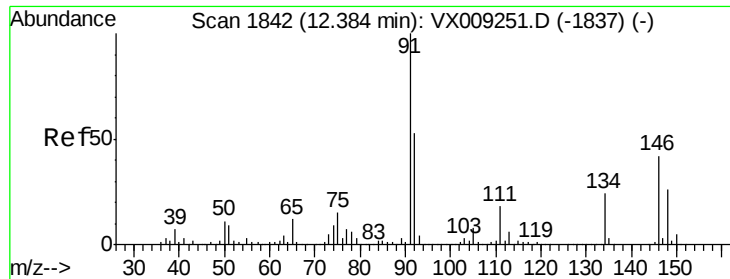
Tot Ion:146 Resp: 78661
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.1 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.866 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion:146 Resp: 77804
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.7
 148 64.2 32.3 96.8





#85

n-Butylbenzene

Concen: 19.469 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009374.D

Acq: 07 May 2019 13:11

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBSD01

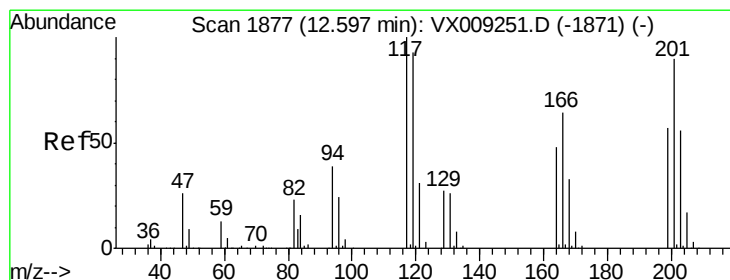
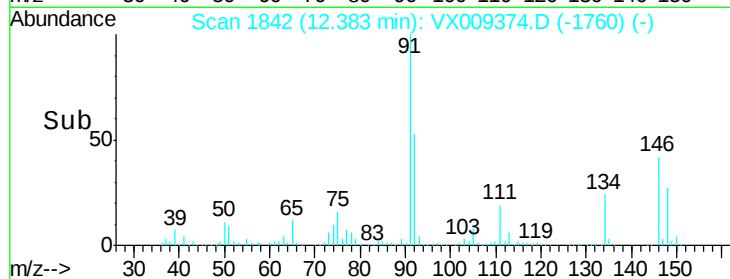
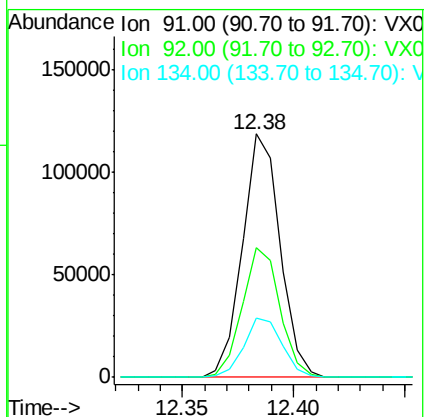
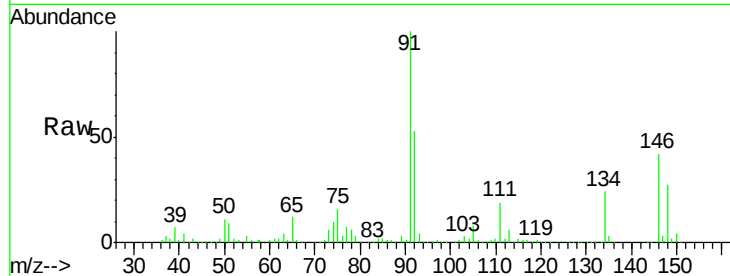
Tot Ion: 91 Resp: 140459

Ion Ratio Lower Upper

91 100

92 53.2 0.0 106.6

134 24.8 0.0 50.0



#86

Hexachloroethane

Concen: 20.067 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009374.D

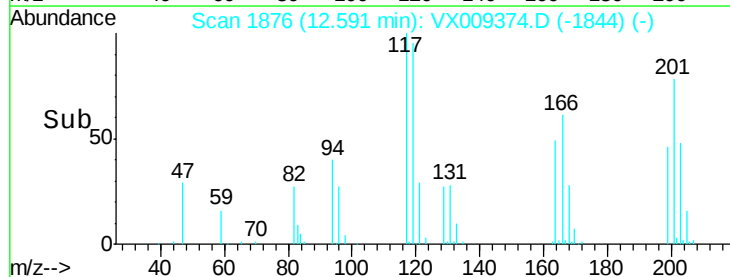
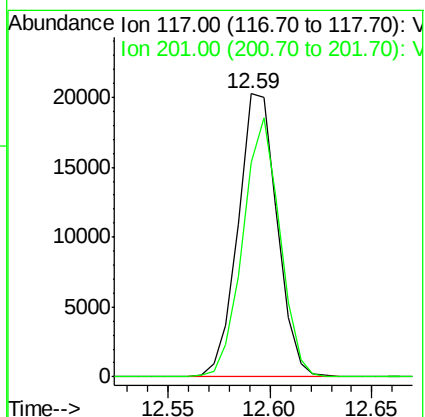
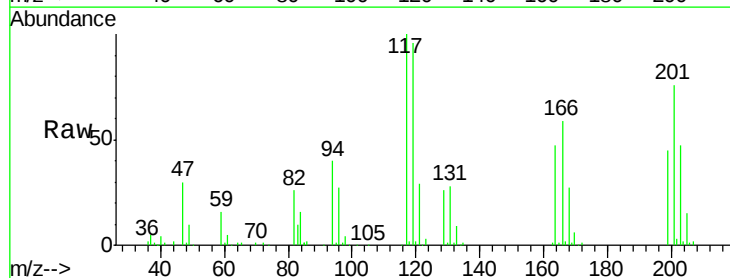
Acq: 07 May 2019 13:11

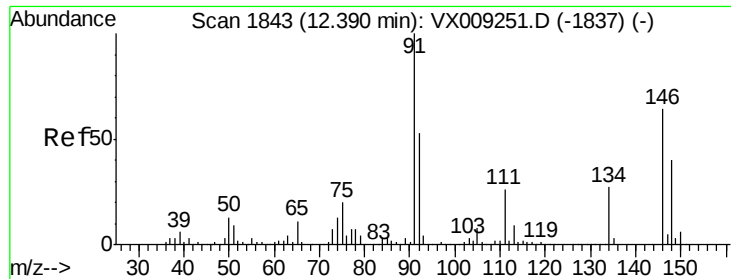
Tgt Ion: 117 Resp: 26923

Ion Ratio Lower Upper

117 100

201 86.6 41.8 125.4

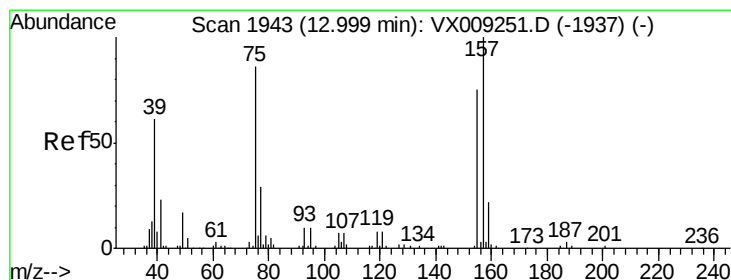
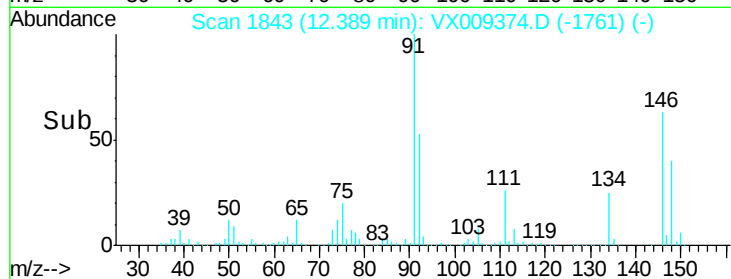
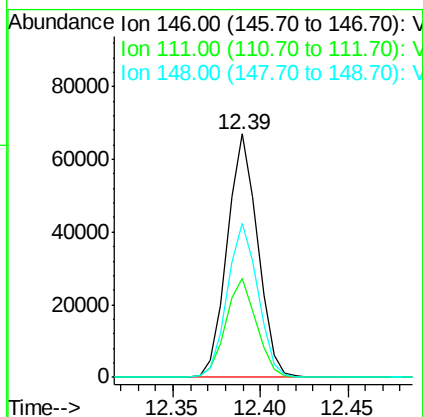
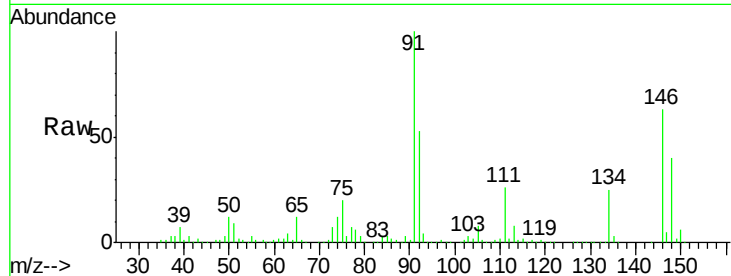




#87
 1,2-Dichlorobenzene
 Concen: 20.506 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

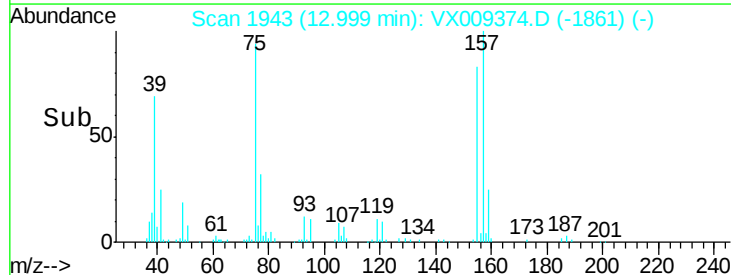
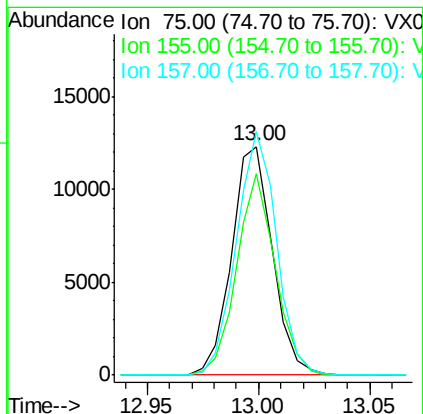
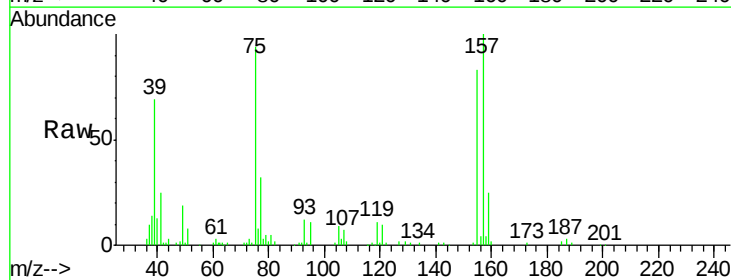
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

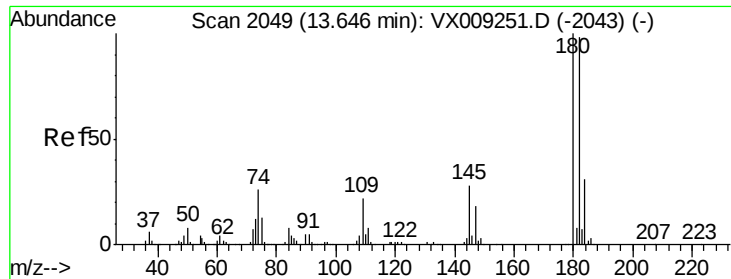
Tot Ion:146 Resp: 81143
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 63.6 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.810 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion: 75 Resp: 15778
 Ion Ratio Lower Upper
 75 100
 155 82.8 65.9 98.9
 157 104.5 85.2 127.8

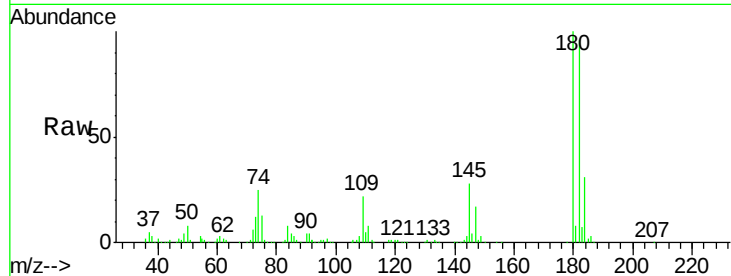




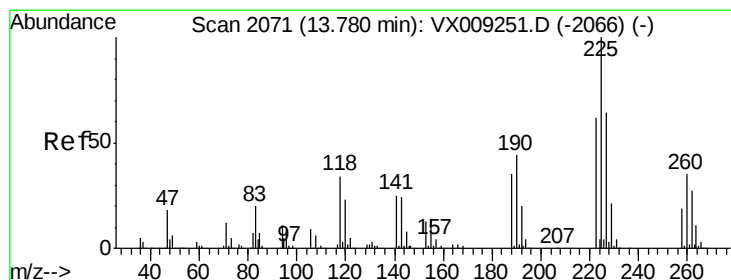
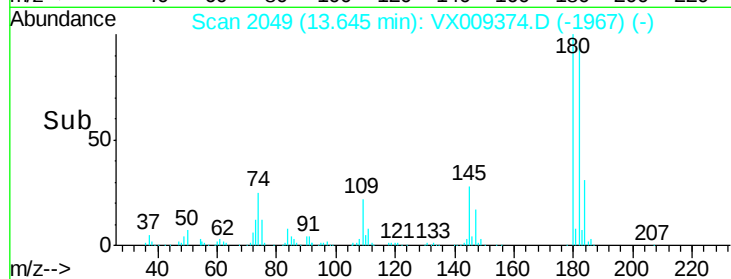
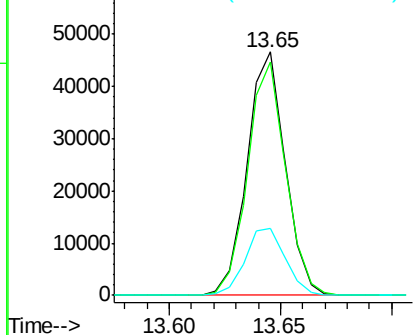
#89
 1,2,4-Trichlorobenzene
 Concen: 19.734 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBSD01

Tot Ion:180 Resp: 55656
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.9 115.3
 145 29.3 23.0 34.6

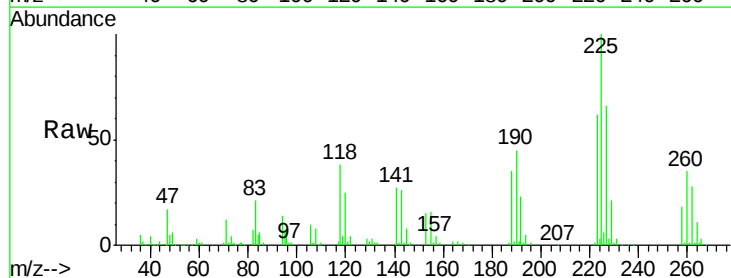


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

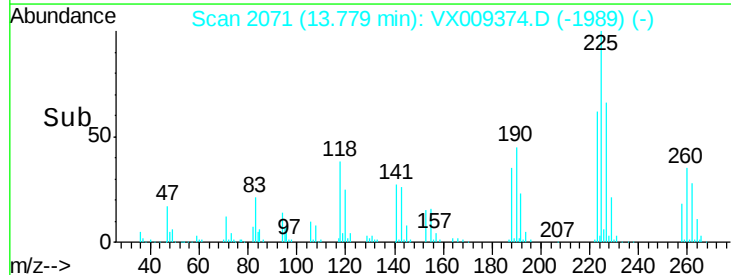
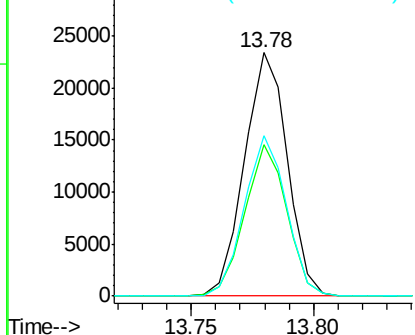


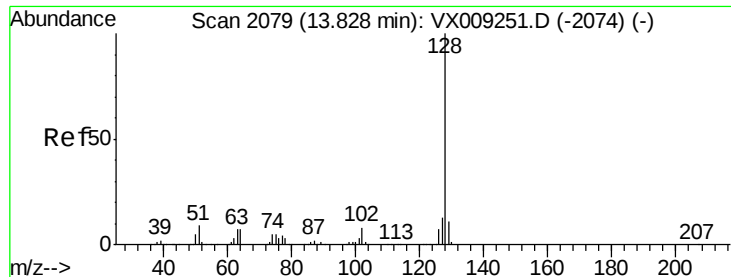
#90
 Hexachlorobutadiene
 Concen: 20.303 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009374.D
 Acq: 07 May 2019 13:11

Tgt Ion:225 Resp: 28603
 Ion Ratio Lower Upper
 225 100
 223 60.9 0.0 126.6
 227 64.7 0.0 130.0



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

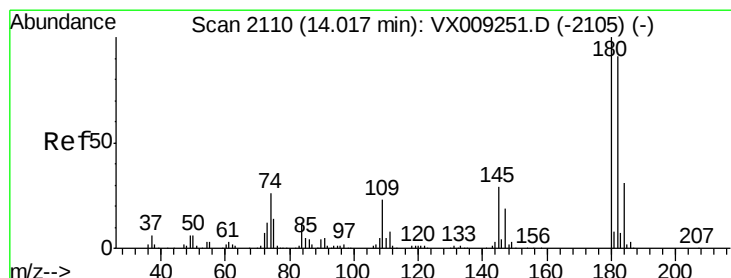
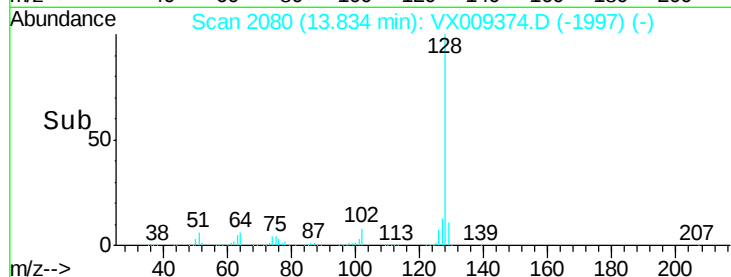
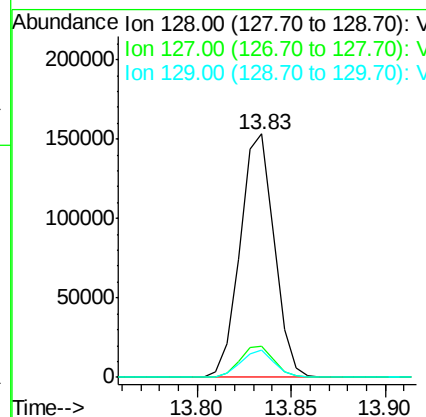
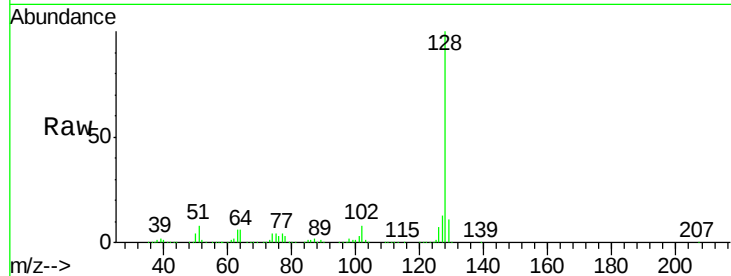




#91
Naphthalene
Concen: 20.896 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBSD01

Tot Ion:128 Resp: 192955
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.788 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009374.D
Acq: 07 May 2019 13:11

Tgt Ion:180 Resp: 59600
Ion Ratio Lower Upper
180 100
182 93.9 0.0 189.0
145 29.9 0.0 61.6

