

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011164.D
 Acq On : 29 Jul 2019 23:36
 Operator : JC/SP
 Sample : VX0729WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

Quant Time: Jul 30 05:11:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130610	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99165	51.73	ug/l	0.00
Spiked Amount						
			Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	88248	50.62	ug/l	0.00
Spiked Amount						
			Recovery	=	101.24%	
50) Toluene-d8	8.71	98	323057	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	118458	49.29	ug/l	0.00
Spiked Amount						
			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33707	17.898	ug/l	100
3) Chloromethane	1.33	50	30337	18.309	ug/l	99
4) Vinyl Chloride	1.41	62	32693	19.344	ug/l	99
5) Bromomethane	1.64	94	20164	21.171	ug/l	93
6) Chloroethane	1.72	64	21850	20.344	ug/l	96
7) Trichlorofluoromethane	1.93	101	57058	19.944	ug/l	99
8) Diethyl Ether	2.19	74	19682	19.967	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31835	19.489	ug/l	99
10) Methyl Iodide	2.51	142	28050	13.085	ug/l	99
11) Tert butyl alcohol	3.04	59	46731	104.678	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30552	19.036	ug/l	97
13) Acrolein	2.29	56	16066	62.288	ug/l	97
14) Allyl chloride	2.73	41	43288	18.568	ug/l	98
15) Acrylonitrile	3.14	53	92034	102.023	ug/l	99
16) Acetone	2.45	43	76766	88.669	ug/l	98
17) Carbon Disulfide	2.57	76	64042	15.556	ug/l	99
18) Methyl Acetate	2.78	43	44952	22.803	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	104817	20.287	ug/l	100
20) Methylene Chloride	2.85	84	36033	19.639	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31979	18.779	ug/l	97
22) Diisopropyl ether	3.85	45	100123	20.364	ug/l	98
23) Vinyl Acetate	3.81	43	408836	98.138	ug/l	99
24) 1,1-Dichloroethane	3.70	63	56945	19.943	ug/l	100
25) 2-Butanone	4.67	43	125512	100.992	ug/l	98
26) 2,2-Dichloropropane	4.58	77	35883	15.305	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38730	19.651	ug/l	97
28) Bromochloromethane	5.02	49	34145	25.376	ug/l	97
29) Tetrahydrofuran	5.13	42	80031	101.661	ug/l	100
30) Chloroform	5.21	83	62403	20.219	ug/l	97
31) Cyclohexane	5.58	56	47023	18.067	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	51999	19.474	ug/l	98
36) 1,1-Dichloropropene	5.80	75	41810	18.533	ug/l	99
37) Ethyl Acetate	4.84	43	46074	19.945	ug/l	97
38) Carbon Tetrachloride	5.79	117	44449	18.908	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0729WBSD02

Quant Time: Jul 30 05:11:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51155	17.486	ug/l	94
40) Benzene	6.14	78	133348	19.297	ug/l	99
41) Methacrylonitrile	5.04	41	25297	19.291	ug/l	99
42) 1,2-Dichloroethane	6.19	62	48322	20.111	ug/l	100
43) Isopropyl Acetate	6.44	43	72516	19.091	ug/l	99
44) Trichloroethene	7.21	130	38839	18.987	ug/l	99
45) 1,2-Dichloropropane	7.51	63	34355	19.533	ug/l	99
46) Dibromomethane	7.66	93	24527	19.515	ug/l	98
47) Bromodichloromethane	7.90	83	43121	19.274	ug/l	98
48) Methyl methacrylate	7.77	41	35599	19.239	ug/l	99
49) 1,4-Dioxane	7.74	88	20245	391.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	254367	103.307	ug/l	99
52) Toluene	8.78	92	86529	19.061	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	43564	18.110	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	48444	18.098	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37739	20.190	ug/l	97
56) Ethyl methacrylate	9.18	69	54146	19.803	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59540	20.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	128266	98.274	ug/l	99
59) 2-Hexanone	9.49	43	195972	102.616	ug/l	99
60) Dibromochloromethane	9.58	129	36455	18.617	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39053	19.687	ug/l	99
64) Tetrachloroethene	9.34	164	38454	19.703	ug/l	98
65) Chlorobenzene	10.13	112	98184	19.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35341	19.735	ug/l	98
67) Ethyl Benzene	10.25	91	166985	19.253	ug/l	100
68) m/p-Xylenes	10.36	106	127331	38.273	ug/l	100
69) o-Xylene	10.69	106	62769	19.332	ug/l	99
70) Styrene	10.71	104	106448	19.667	ug/l	100
71) Bromoform	10.85	173	26836	18.168	ug/l #	99
73) Isopropylbenzene	11.02	105	170682	19.340	ug/l	100
74) N-amyl acetate	10.90	43	65444	19.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	58893	20.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60459	25.652	ug/l	83
77) Bromobenzene	11.26	156	46887	19.261	ug/l	99
78) n-propylbenzene	11.36	91	188037	19.283	ug/l	100
79) 2-Chlorotoluene	11.42	91	114297	19.512	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143634	19.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	12976	16.818	ug/l	88
82) 4-Chlorotoluene	11.51	91	130886	19.198	ug/l	100
83) tert-Butylbenzene	11.77	119	140826	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143004	19.240	ug/l	99
85) sec-Butylbenzene	11.94	105	164938	19.433	ug/l	99
86) p-Isopropyltoluene	12.06	119	152301	19.410	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81885	19.383	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	80689	18.623	ug/l	96
89) n-Butylbenzene	12.38	91	126019	18.772	ug/l	99
90) Hexachloroethane	12.59	117	22521	18.197	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83796	20.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12689	21.018	ug/l	94

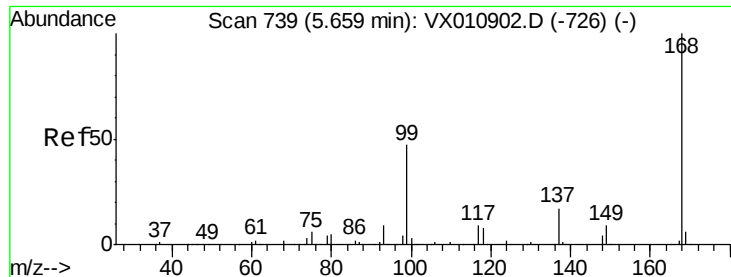
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011164.D
Acq On : 29 Jul 2019 23:36
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Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

Quant Time: Jul 30 05:11:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54424	19.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	26880	19.116	ug/l	98
95) Naphthalene	13.83	128	175447	20.939	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57931	20.519	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

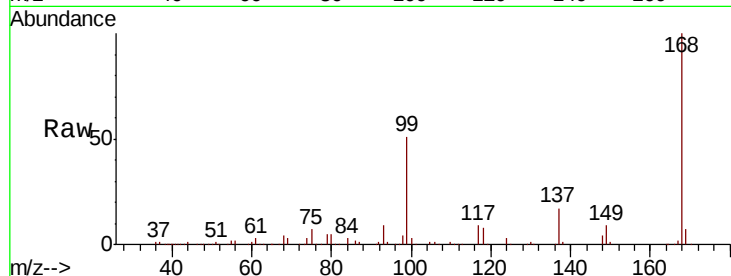
VX0729WBSD02

Tot Ion:168 Resp: 180185

Ion Ratio Lower Upper

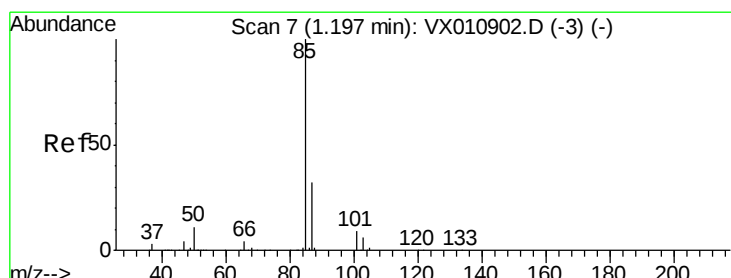
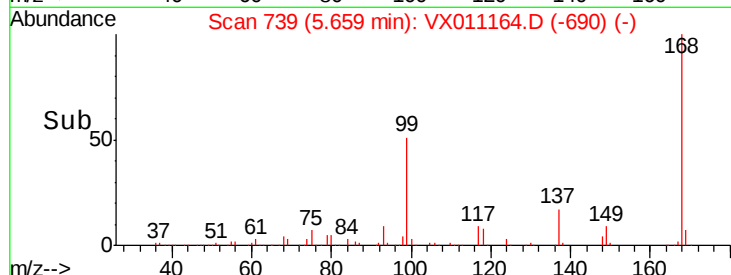
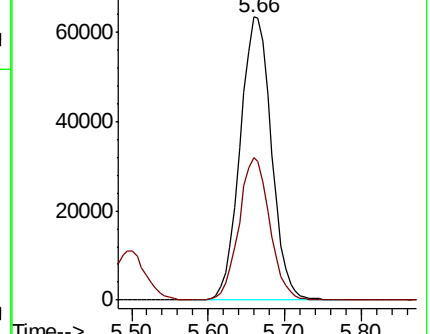
168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.898 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011164.D

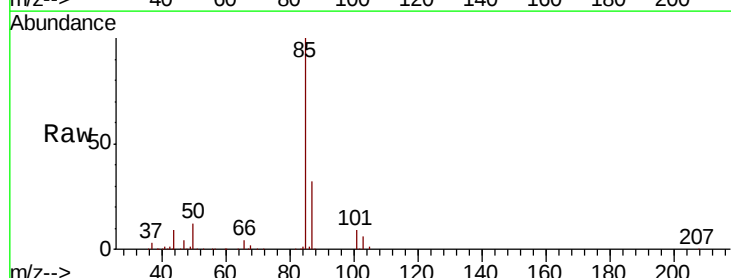
Acq: 29 Jul 2019 23:36

Tgt Ion: 85 Resp: 33707

Ion Ratio Lower Upper

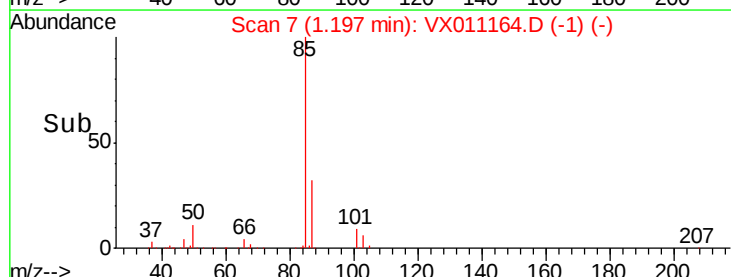
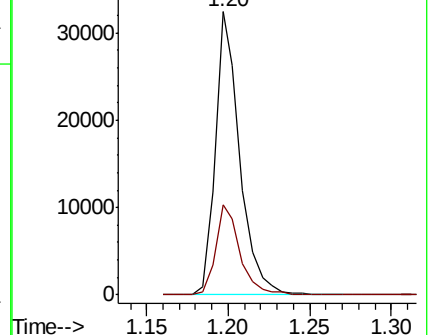
85 100

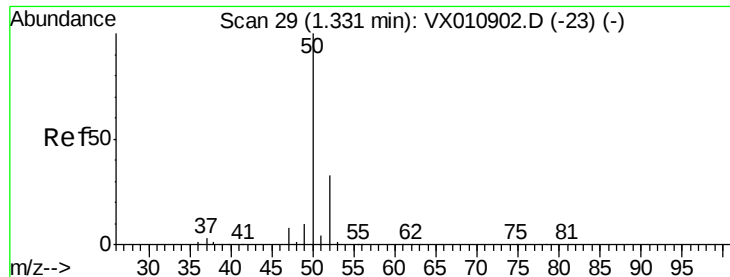
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.309 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

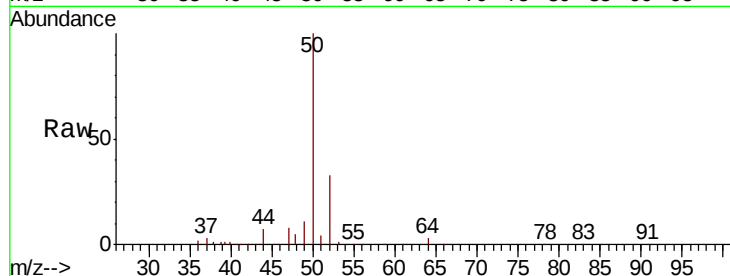
VX0729WBSD02

Tot Ion: 50 Resp: 30337

Ion Ratio Lower Upper

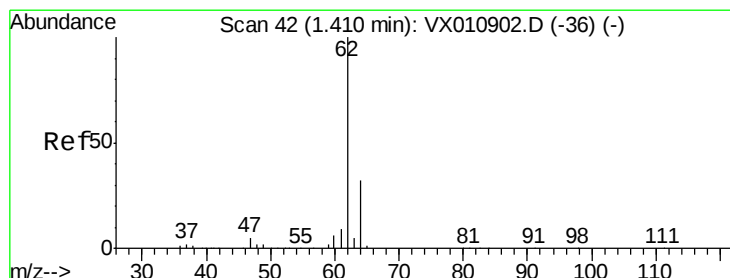
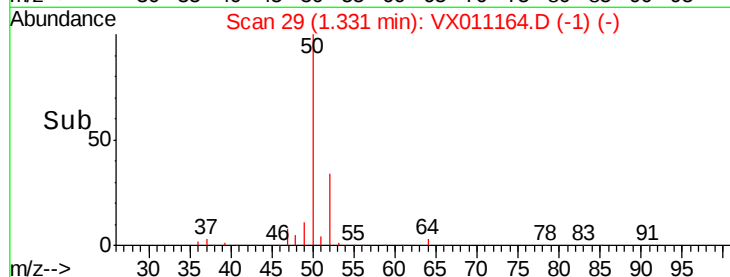
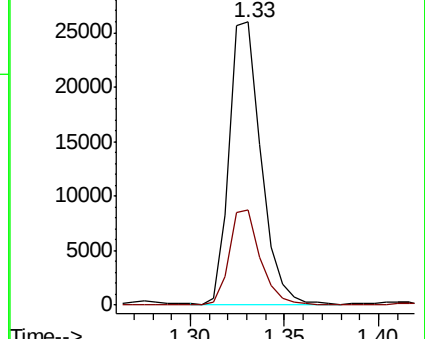
50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.344 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011164.D

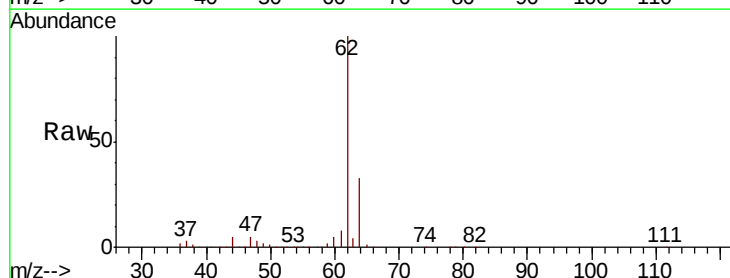
Acq: 29 Jul 2019 23:36

Tgt Ion: 62 Resp: 32693

Ion Ratio Lower Upper

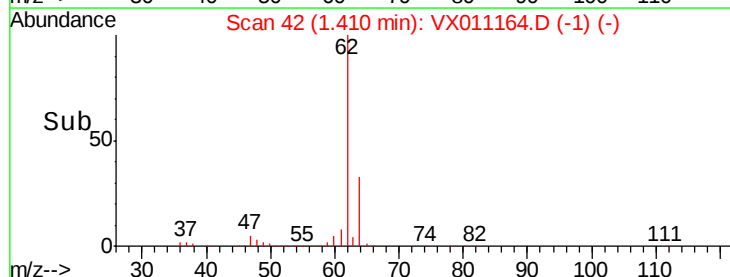
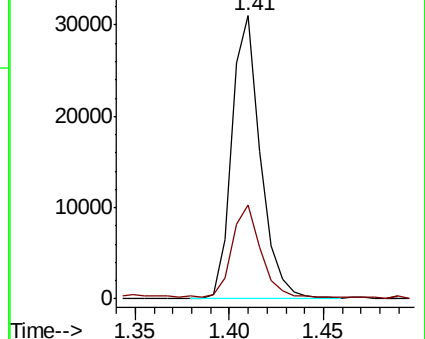
62 100

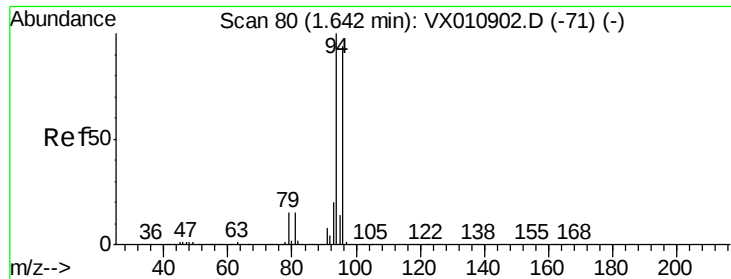
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.171 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

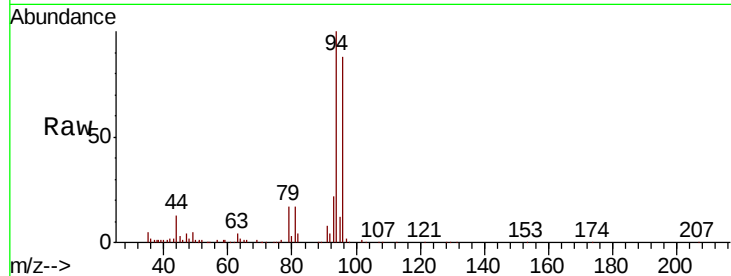
VX0729WBSD02

Tot Ion: 94 Resp: 20164

Ion Ratio Lower Upper

94 100

96 88.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

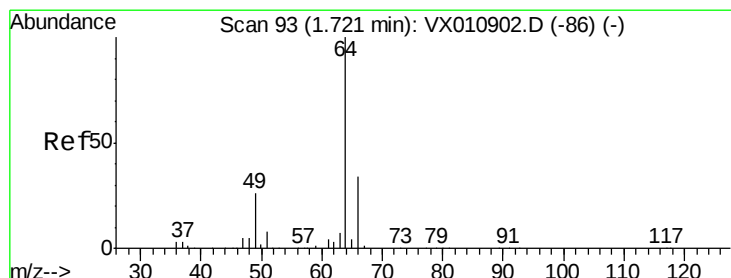
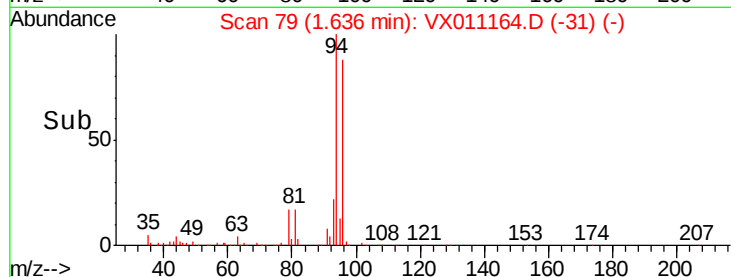
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.344 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011164.D

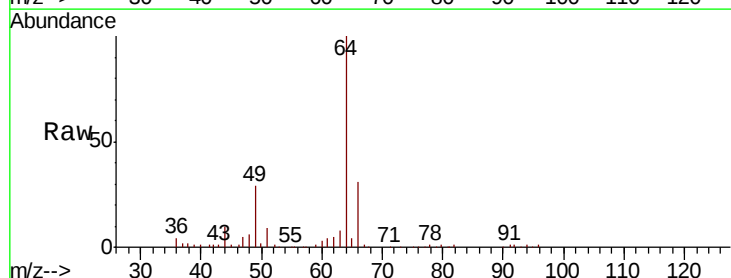
Acq: 29 Jul 2019 23:36

Tgt Ion: 64 Resp: 21850

Ion Ratio Lower Upper

64 100

66 31.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

15000

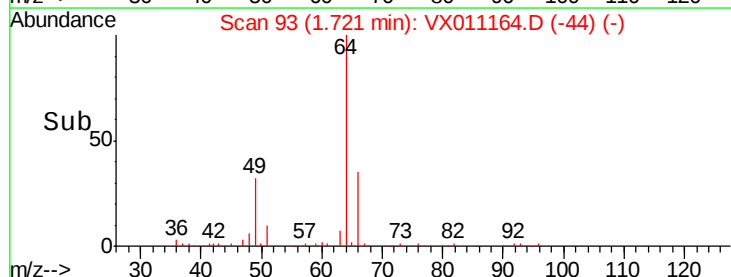
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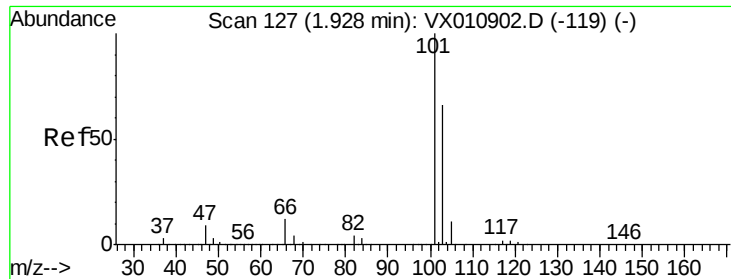
5000

0

Time-->

1.65 1.70 1.75 1.80



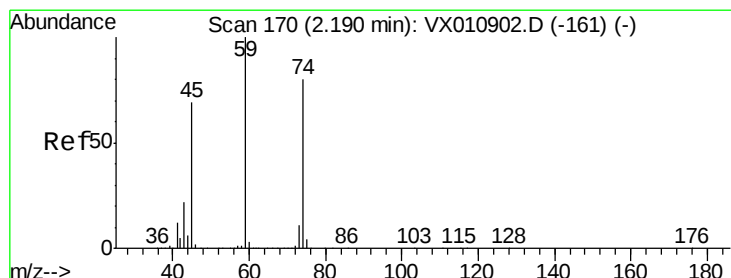
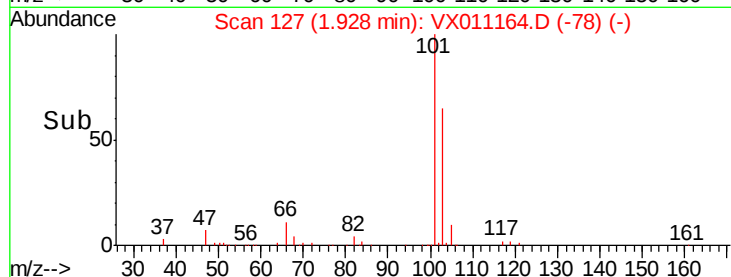
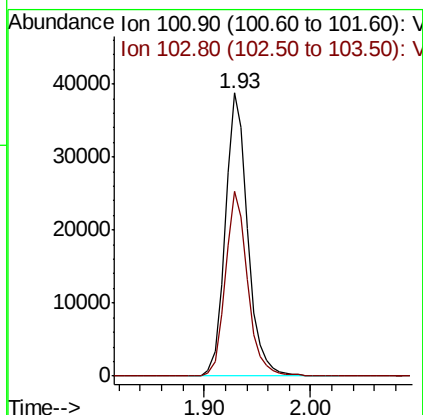
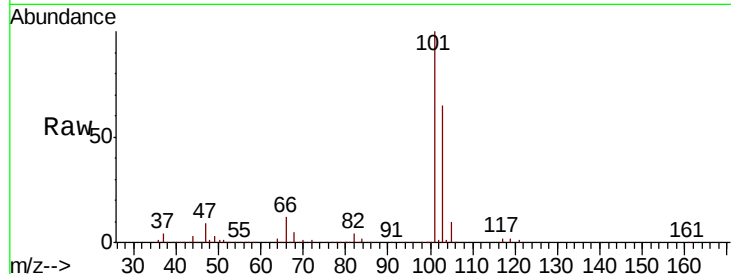


#7

Trichlorofluoromethane
 Concen: 19.944 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

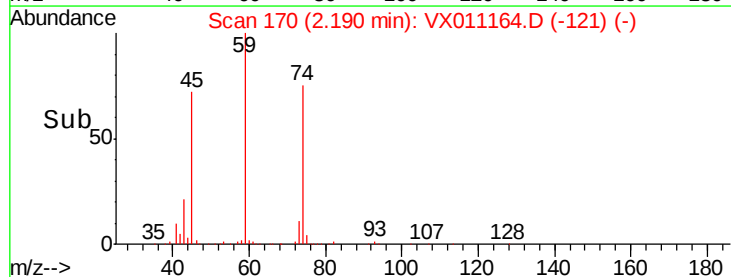
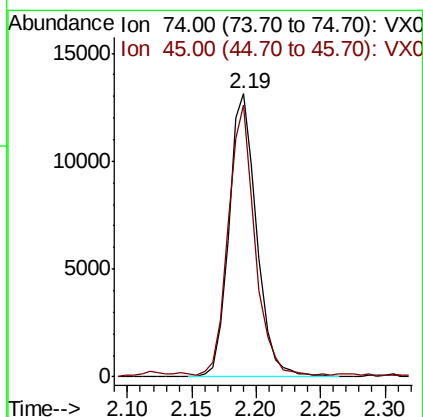
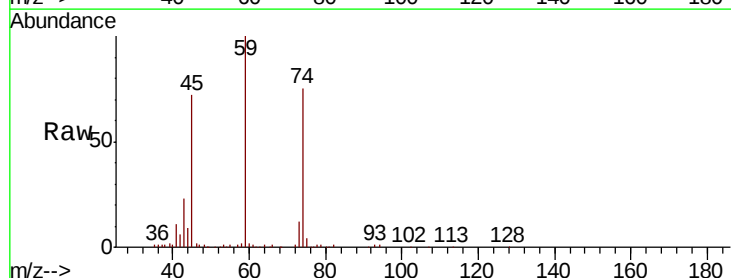
Tot Ion:101 Resp: 57058
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.6 78.8



#8

Diethyl Ether
 Concen: 19.967 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion: 74 Resp: 19682
 Ion Ratio Lower Upper
 74 100
 45 92.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.489 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

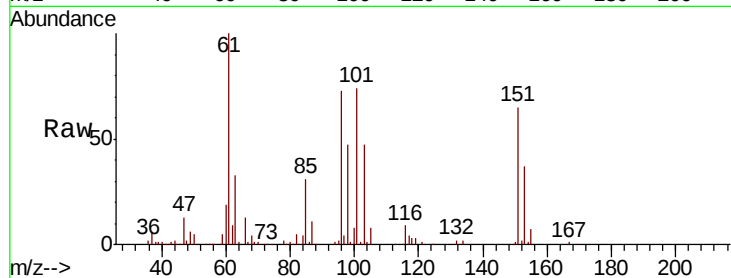
Tot Ion:101 Resp: 31835

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

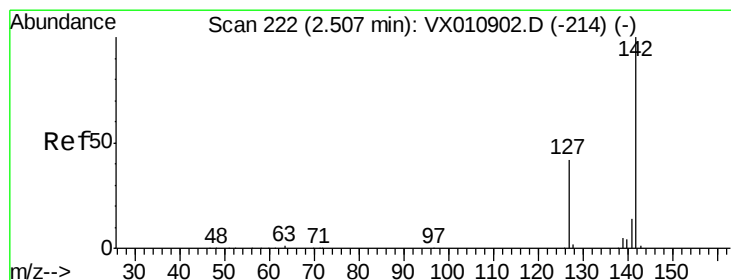
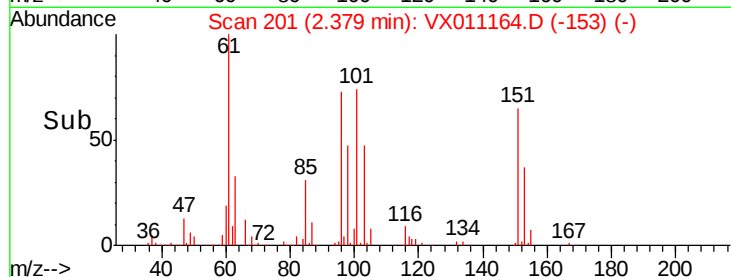
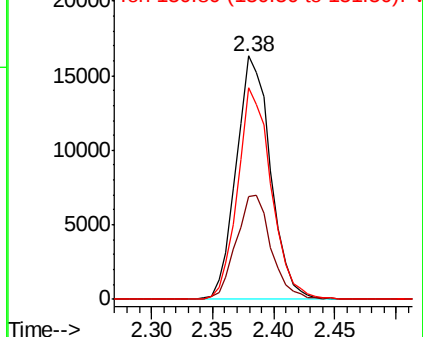
151 85.3 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.085 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

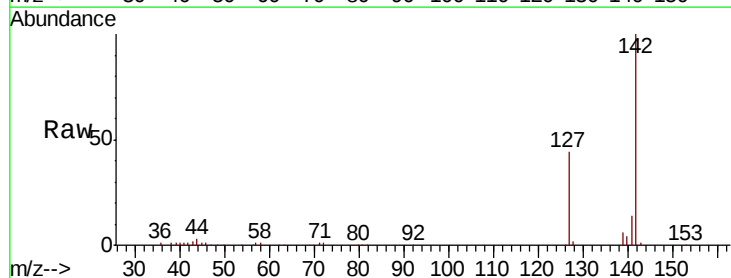
Tgt Ion:142 Resp: 28050

Ion Ratio Lower Upper

142 100

127 43.8 34.2 51.4

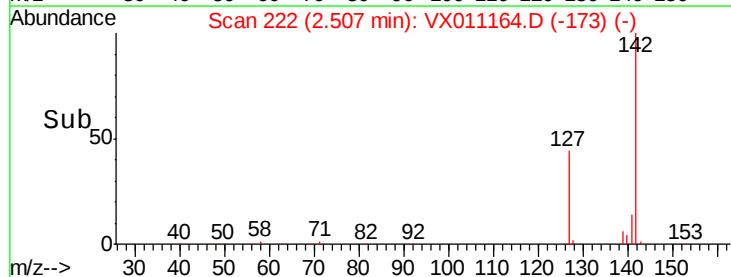
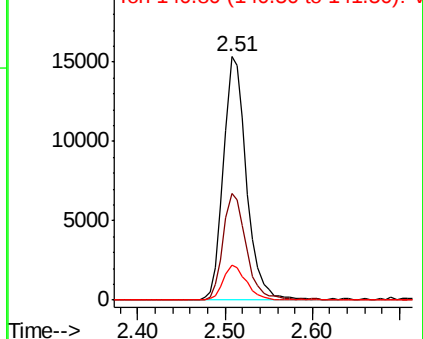
141 14.6 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



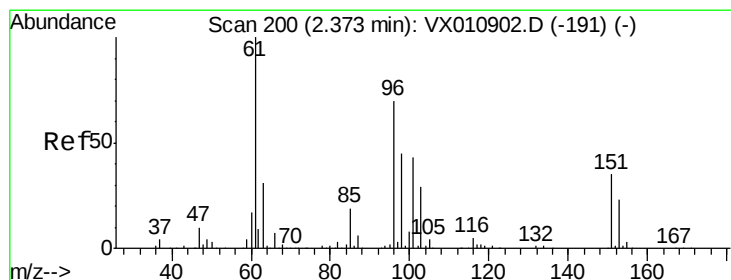
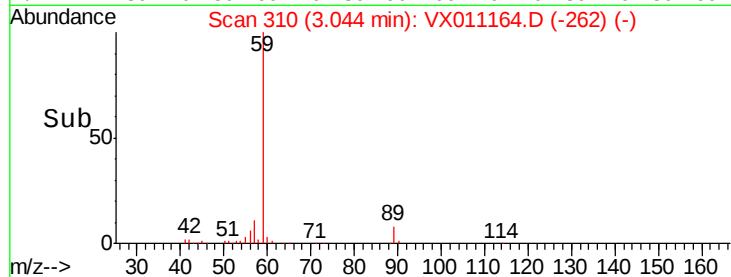
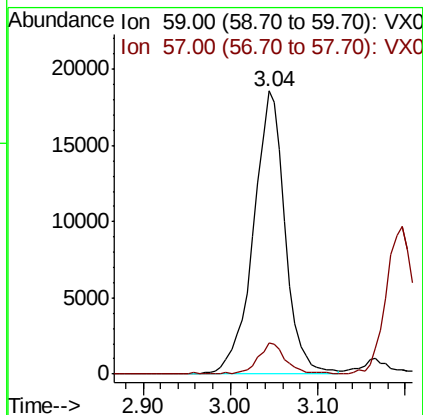
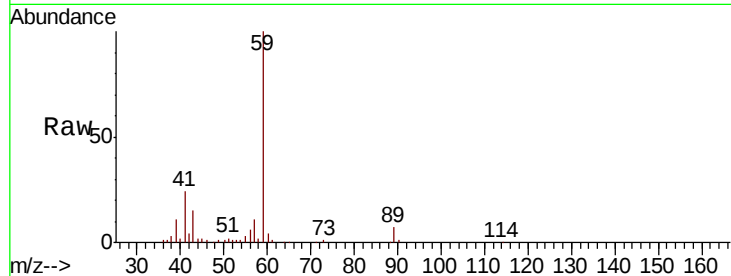


#11

Tert butyl alcohol
 Concen: 104.678 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

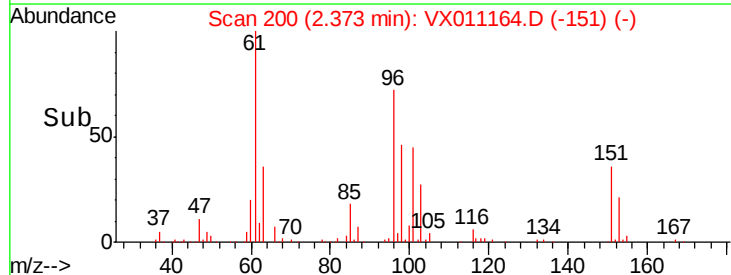
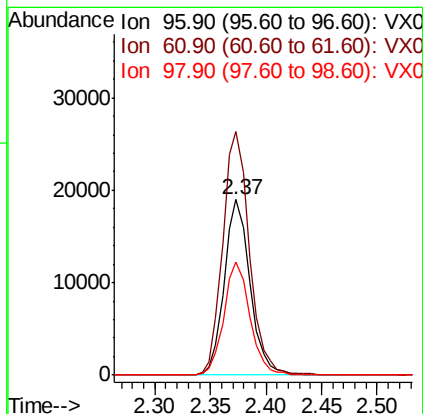
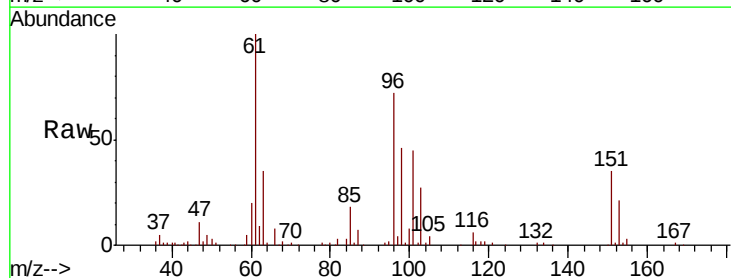
Tot Ion: 59 Resp: 46731
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

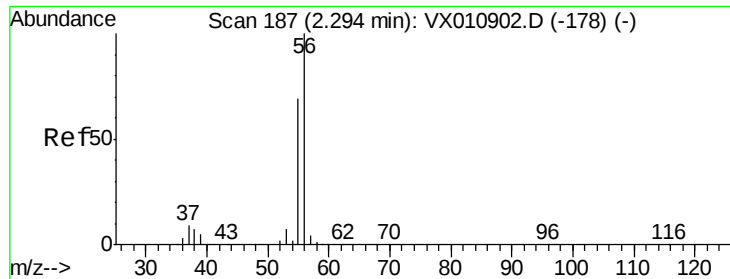


#12

1,1-Dichloroethene
 Concen: 19.036 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion: 96 Resp: 30552
 Ion Ratio Lower Upper
 96 100
 61 139.0 115.0 172.4
 98 64.2 52.2 78.2

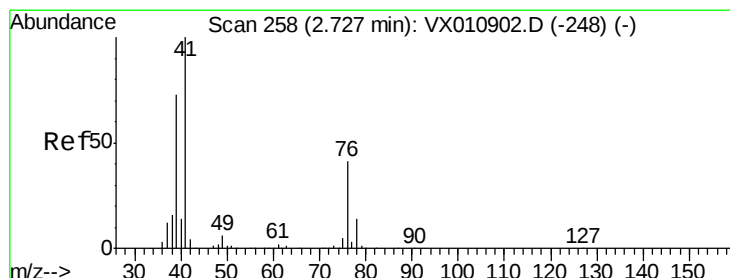
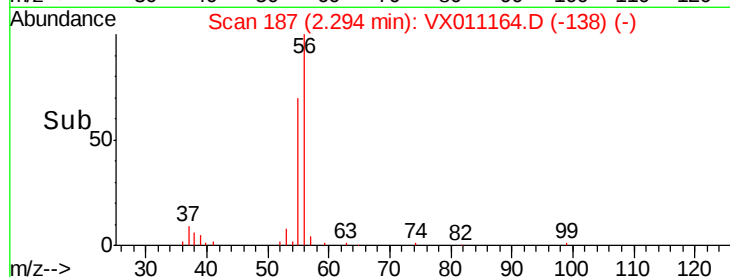
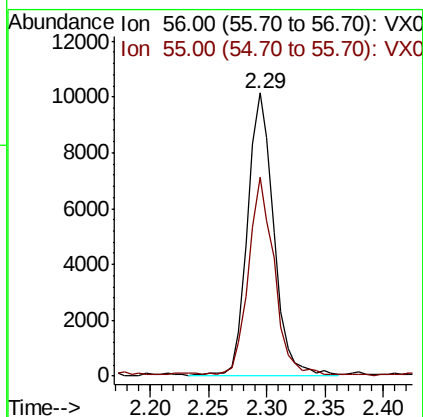
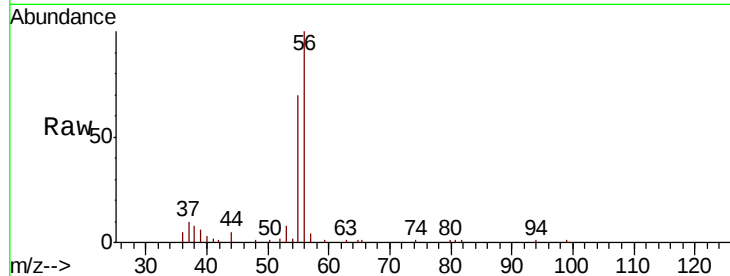




#13
Acrolein
Concen: 62.288 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

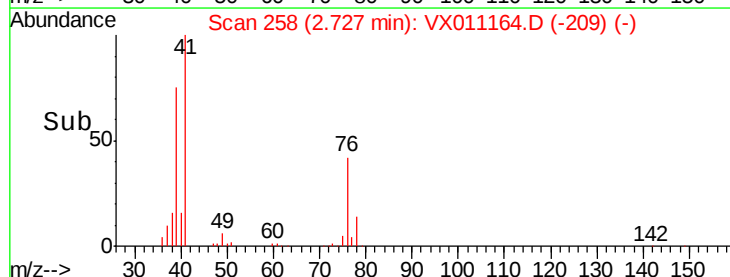
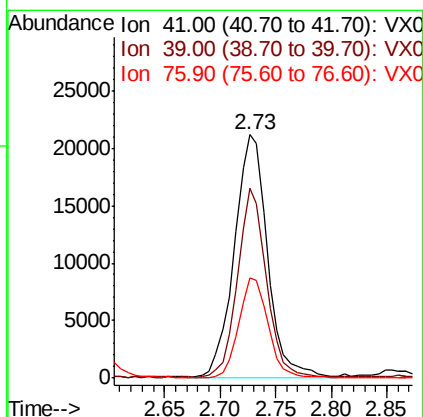
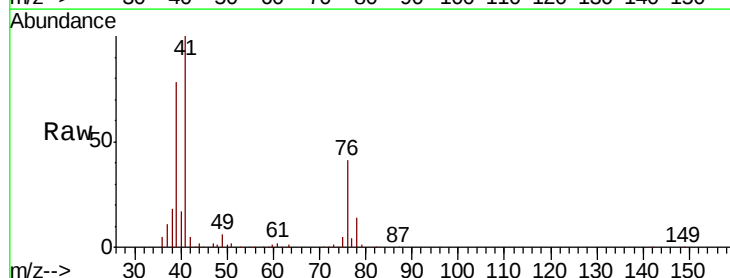
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

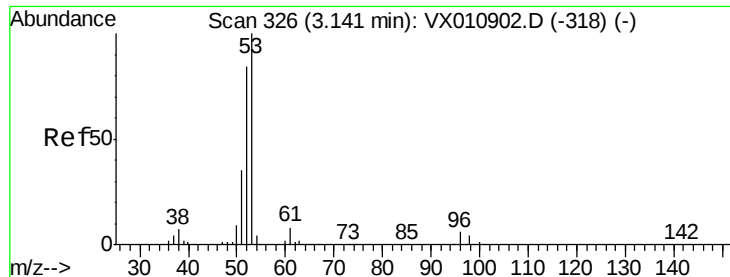
Tot Ion: 56 Resp: 16066
Ion Ratio Lower Upper
56 100
55 67.5 55.9 83.9



#14
Allyl chloride
Concen: 18.568 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 41 Resp: 43288
Ion Ratio Lower Upper
41 100
39 69.4 53.6 80.4
76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 102.023 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

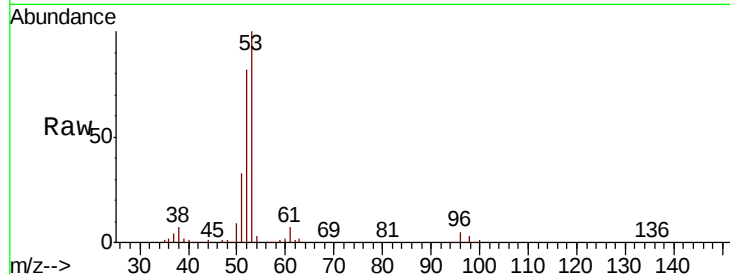
Tot Ion: 53 Resp: 92034

Ion Ratio Lower Upper

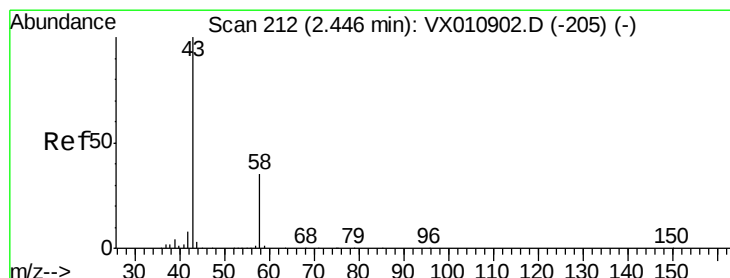
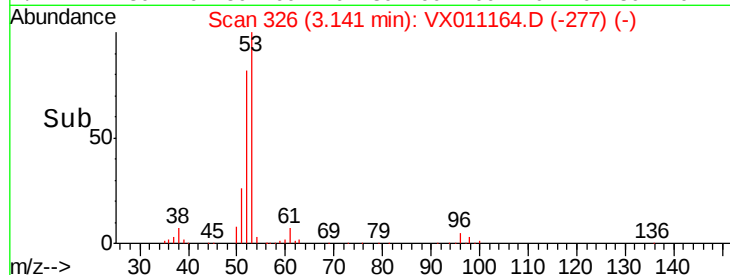
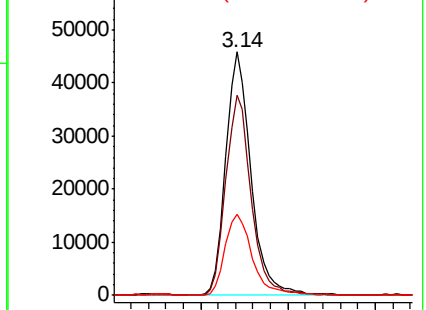
53 100

52 82.8 66.5 99.7

51 36.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.669 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011164.D

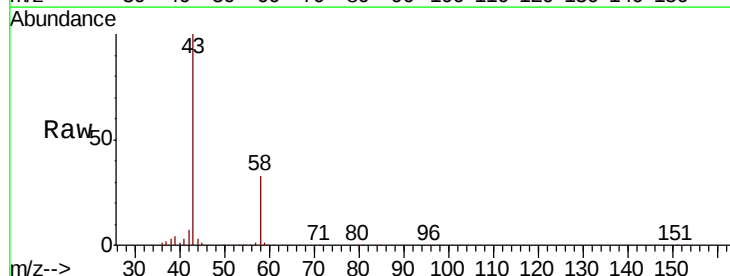
Acq: 29 Jul 2019 23:36

Tgt Ion: 43 Resp: 76766

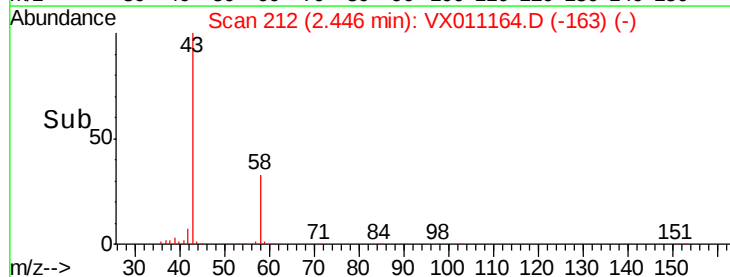
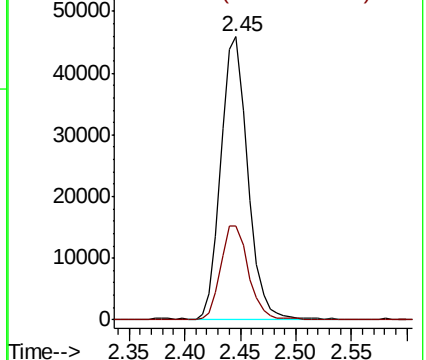
Ion Ratio Lower Upper

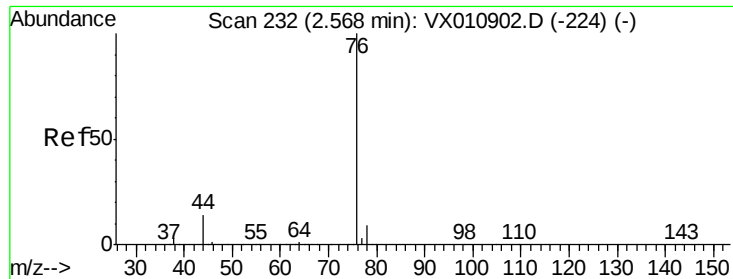
43 100

58 33.3 27.7 41.5



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

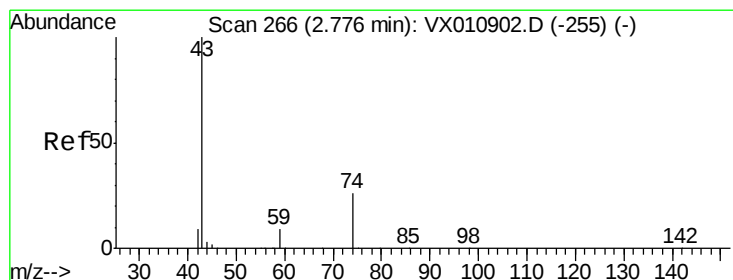
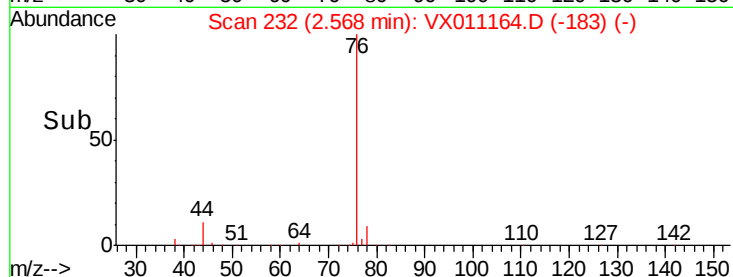
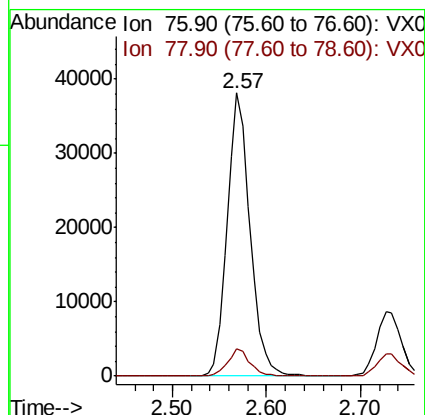
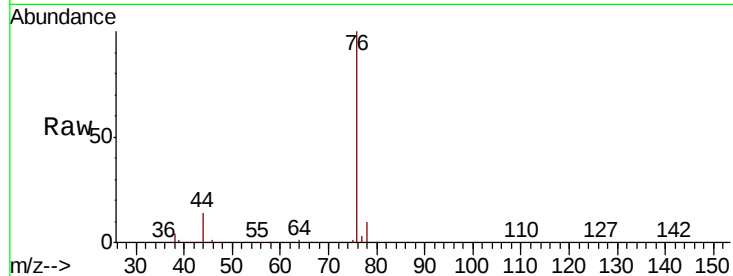




#17
Carbon Disulfide
Concen: 15.556 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

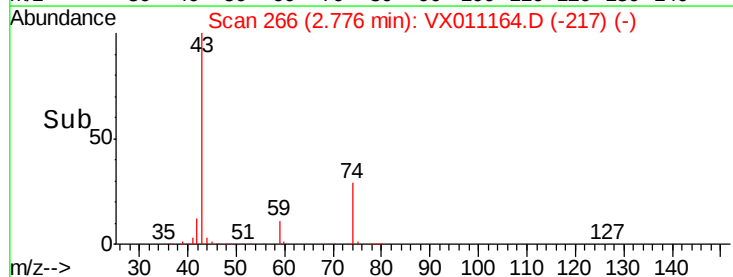
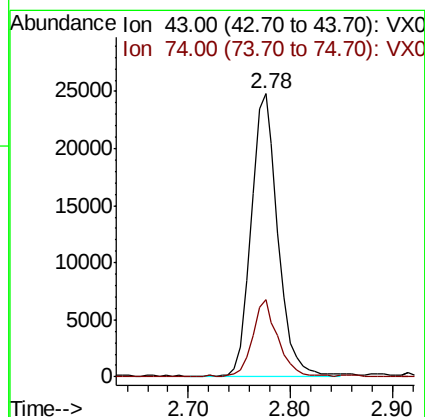
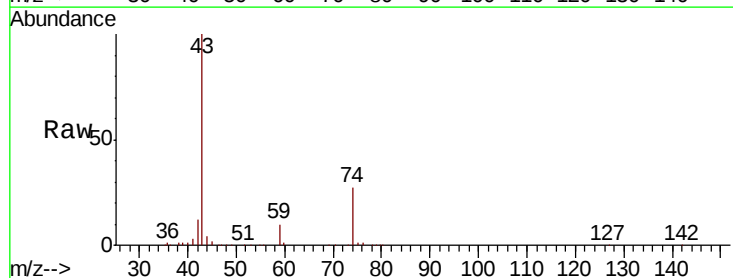
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

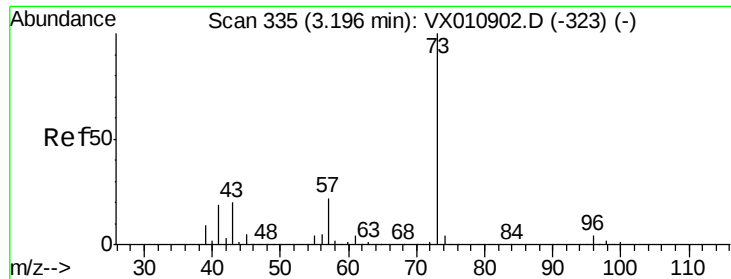
Tot Ion: 76 Resp: 64042
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 22.803 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 43 Resp: 44952
Ion Ratio Lower Upper
43 100
74 25.3 21.5 32.3

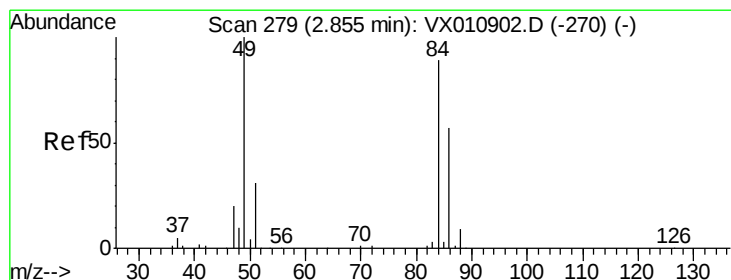
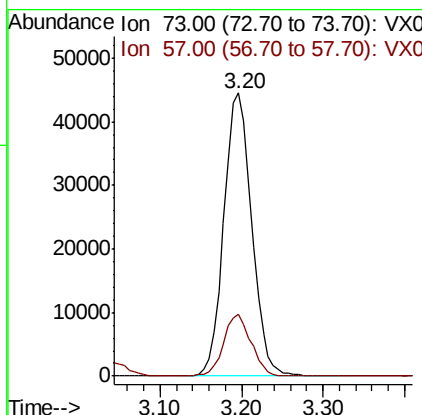
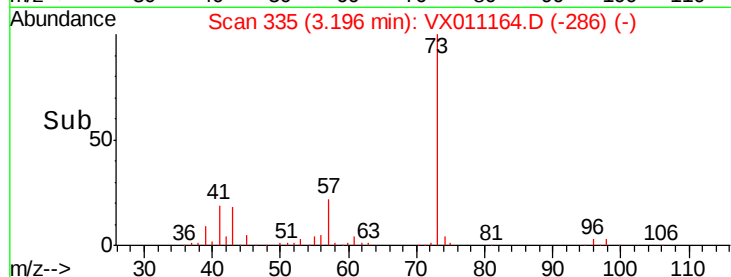
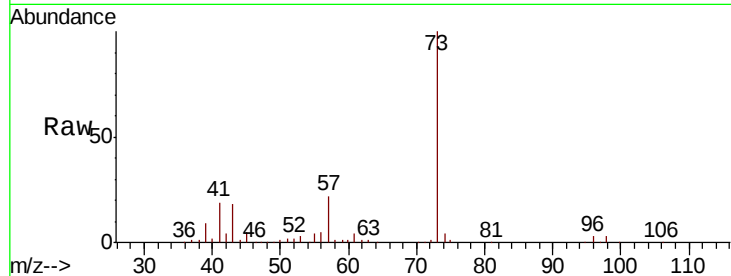




#19
Methyl tert-butyl Ether
Concen: 20.287 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

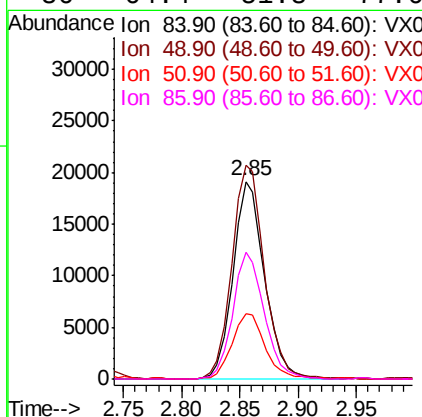
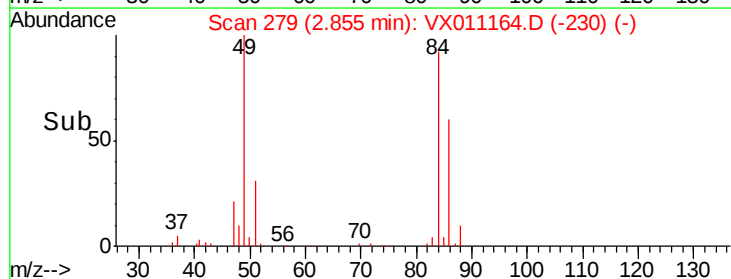
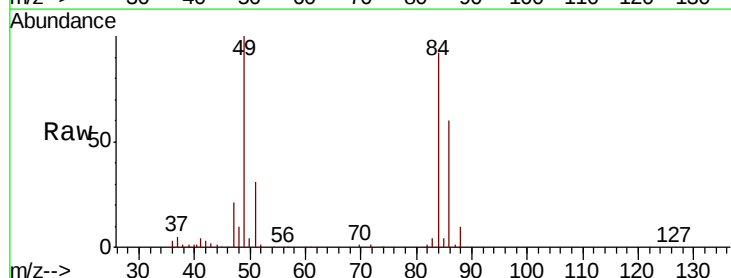
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

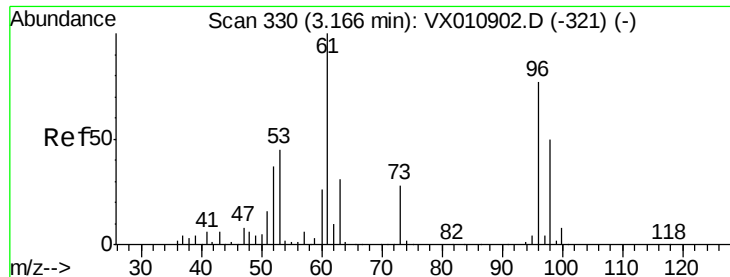
Tot Ion: 73 Resp: 104817
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.639 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 84 Resp: 36033
Ion Ratio Lower Upper
84 100
49 107.8 89.9 134.9
51 33.2 27.8 41.6
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.779 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

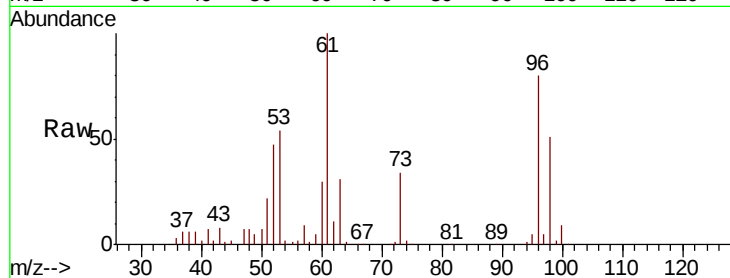
Tot Ion: 96 Resp: 31979

Ion Ratio Lower Upper

96 100

61 125.1 104.2 156.2

98 64.1 52.2 78.4

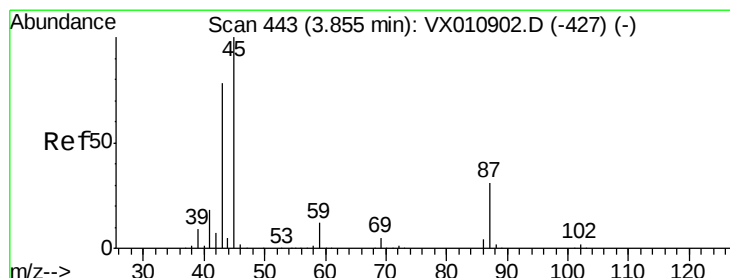
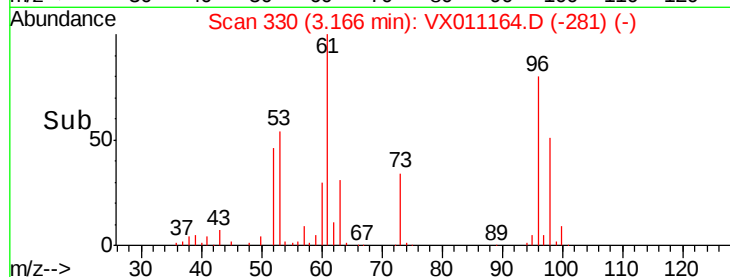
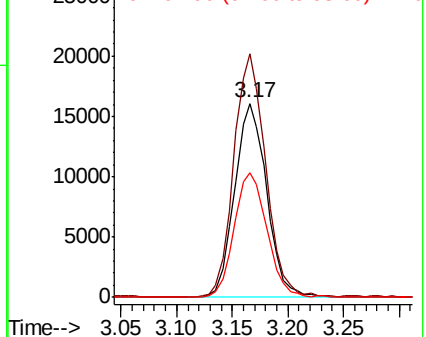


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.364 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Tgt Ion: 45 Resp: 100123

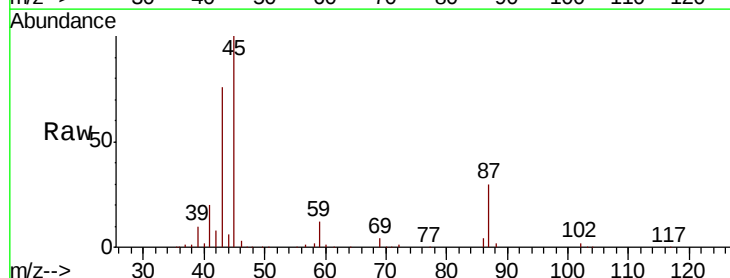
Ion Ratio Lower Upper

45 100

43 75.8 62.3 93.5

87 30.3 25.0 37.4

59 11.9 9.9 14.9



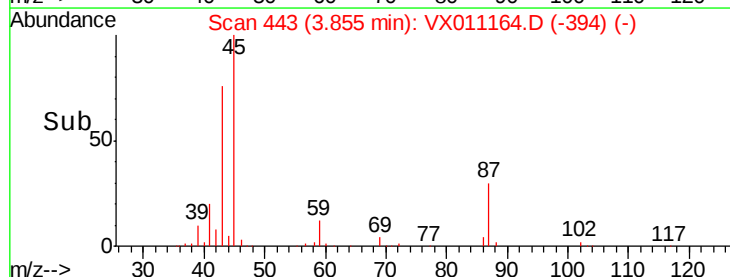
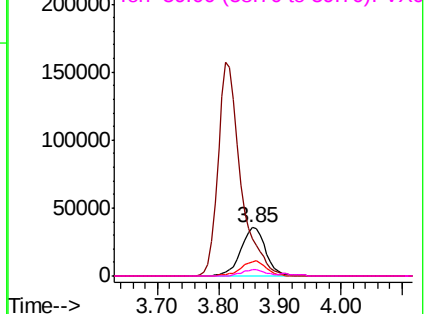
Abundance

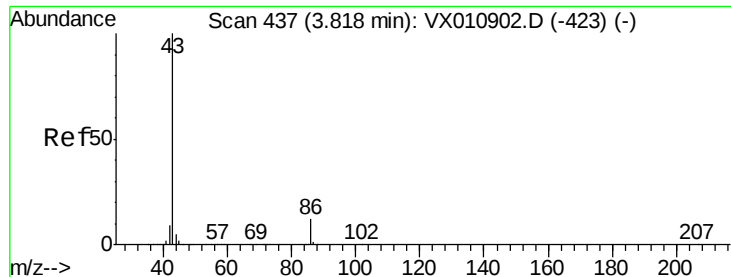
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.138 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

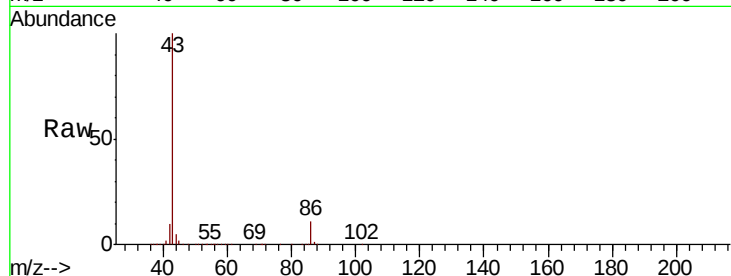
VX0729WBSD02

Tot Ion: 43 Resp: 408836

Ion Ratio Lower Upper

43 100

86 11.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

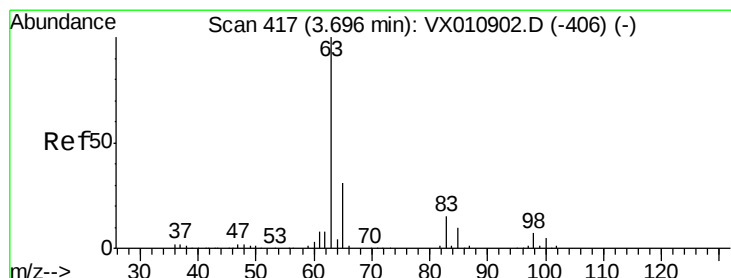
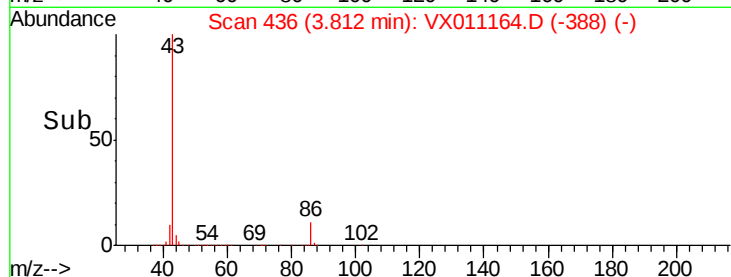
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.943 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

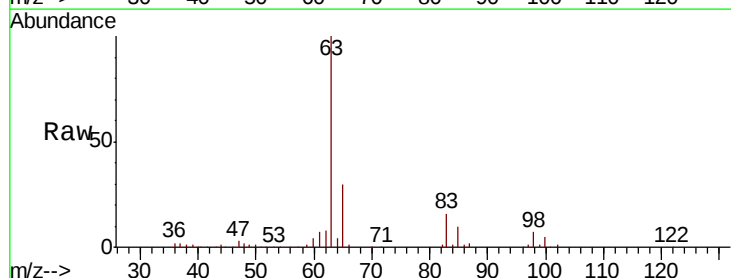
Tgt Ion: 63 Resp: 56945

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

25000

20000

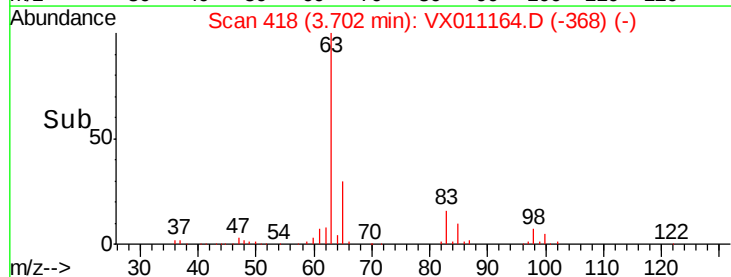
15000

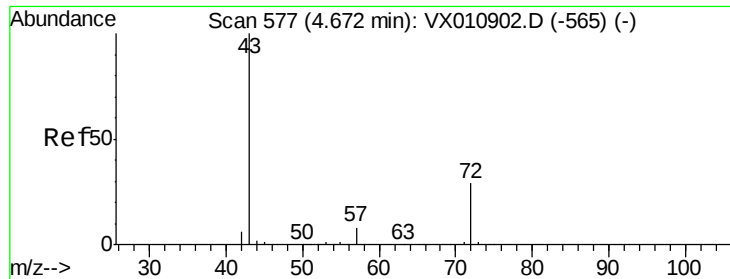
10000

5000

0

Time-->





#25

2-Butanone

Concen: 100.992 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

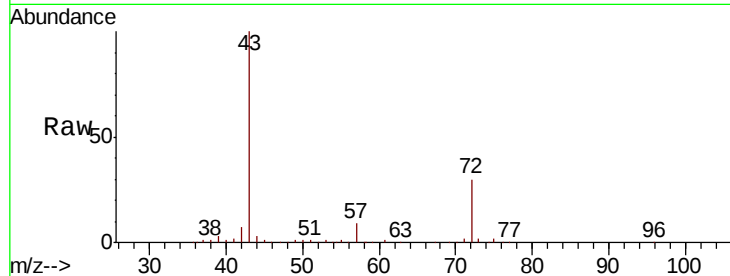
VX0729WBSD02

Tot Ion: 43 Resp: 125512

Ion Ratio Lower Upper

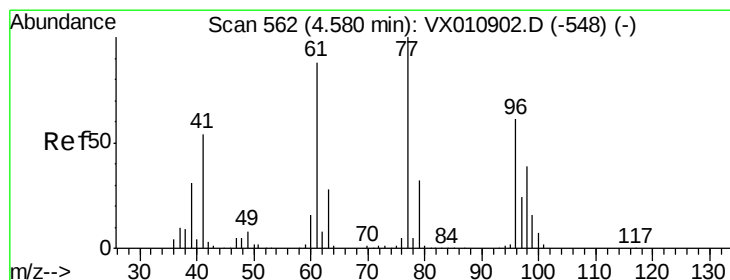
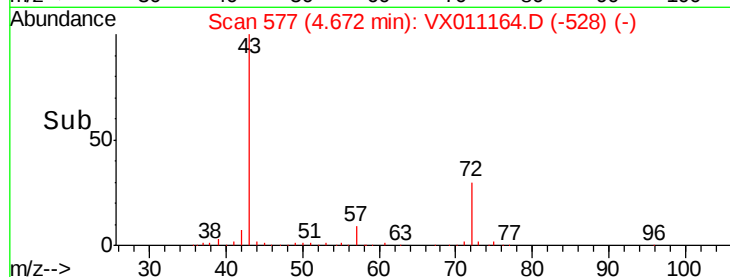
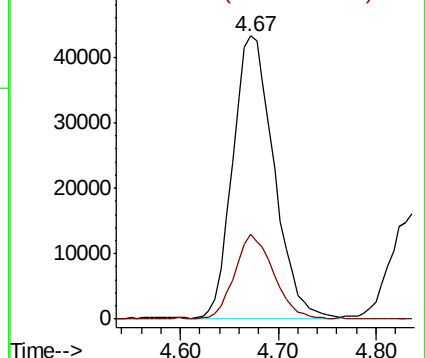
43 100

72 29.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.305 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011164.D

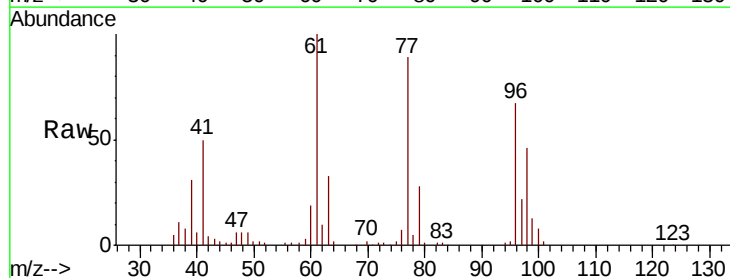
Acq: 29 Jul 2019 23:36

Tgt Ion: 77 Resp: 35883

Ion Ratio Lower Upper

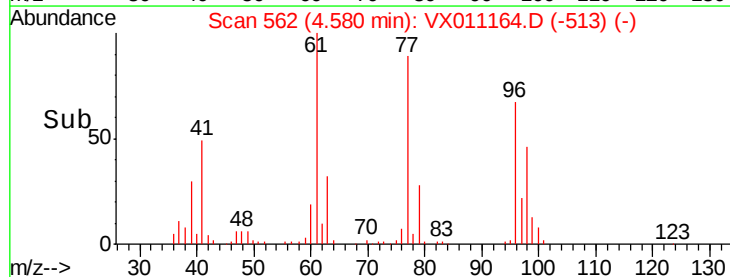
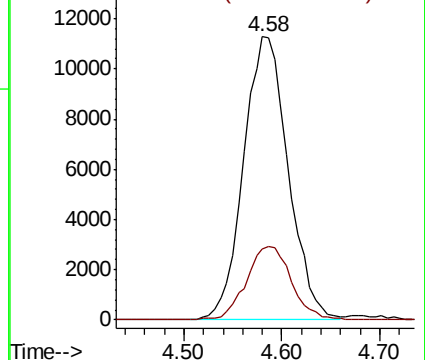
77 100

97 26.1 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



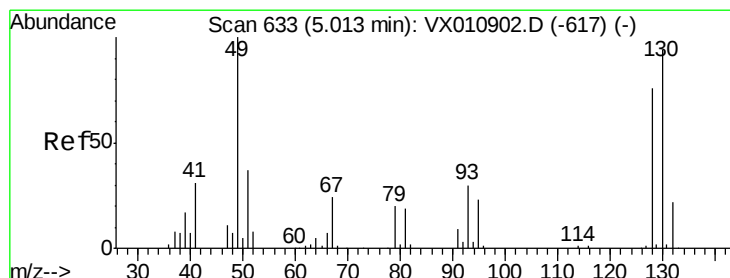
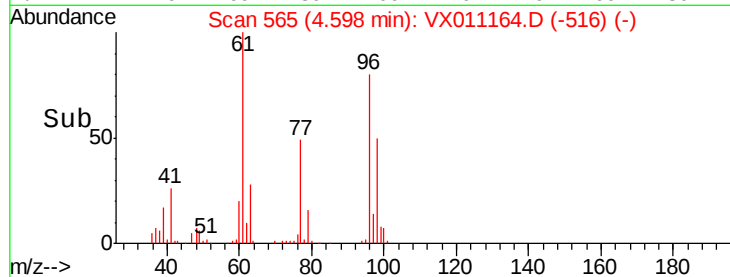
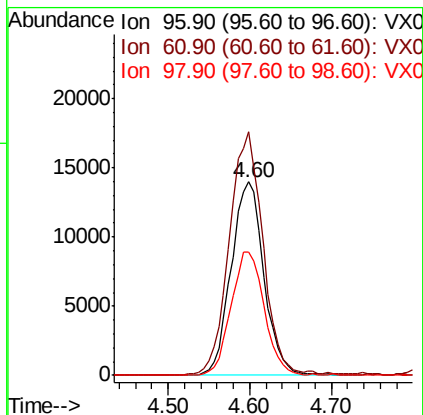
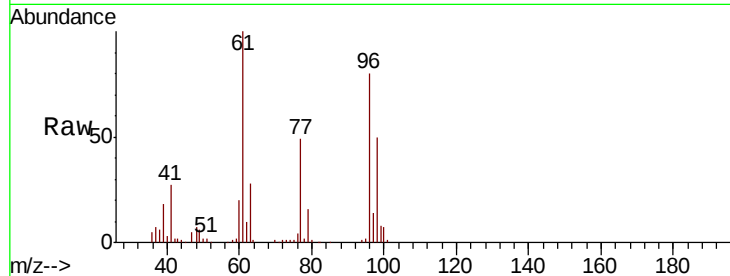


#27

cis-1,2-Dichloroethene
 Concen: 19.651 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

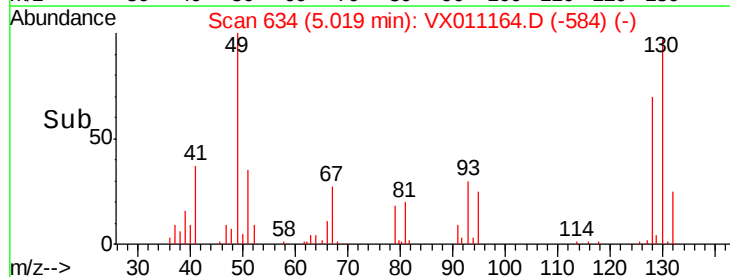
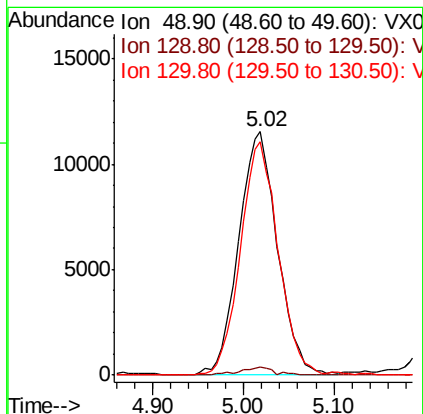
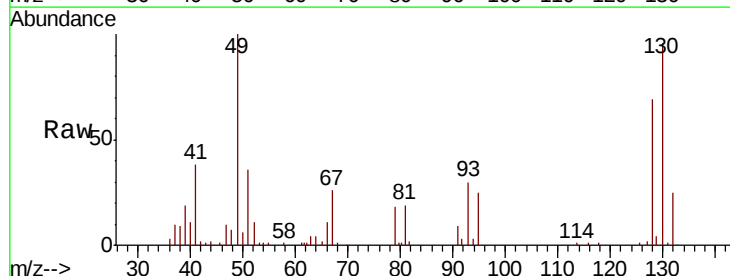
Tot Ion: 96 Resp: 38730
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 269.0
 98 64.9 0.0 131.4

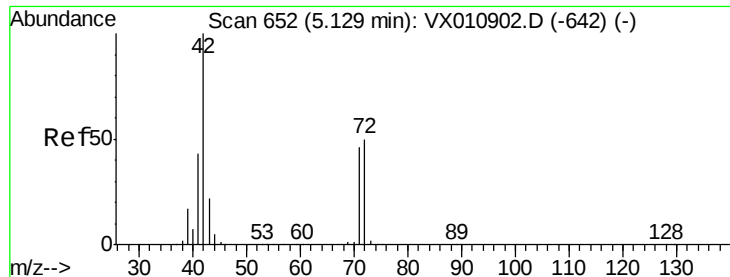


#28

Bromochloromethane
 Concen: 25.376 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion: 49 Resp: 34145
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 93.1 76.9 115.3





#29

Tetrahydrofuran

Concen: 101.661 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

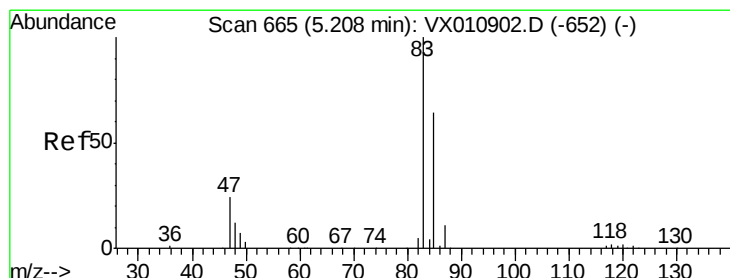
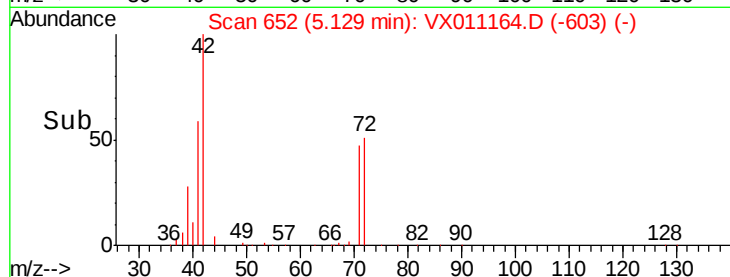
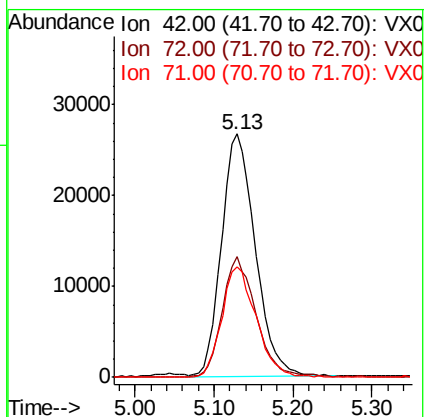
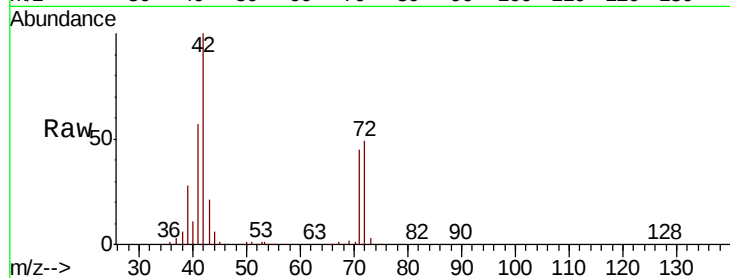
Tot Ion: 42 Resp: 80031

Ion Ratio Lower Upper

42 100

72 49.7 39.8 59.8

71 46.0 37.0 55.4



#30

Chloroform

Concen: 20.219 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011164.D

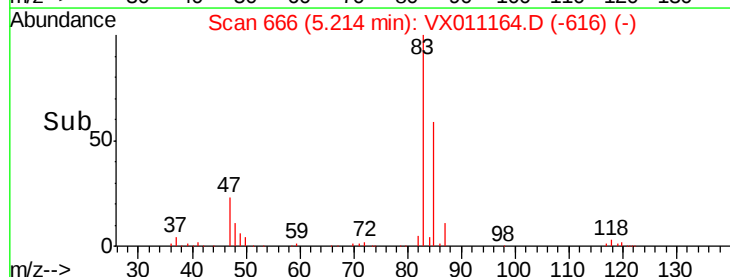
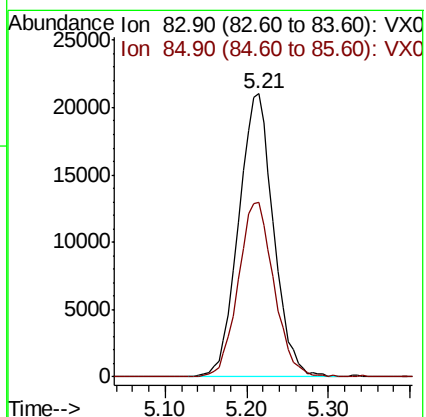
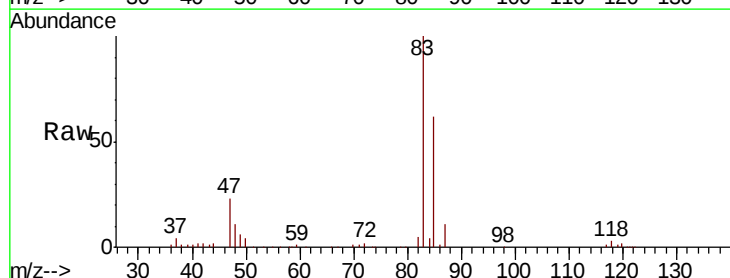
Acq: 29 Jul 2019 23:36

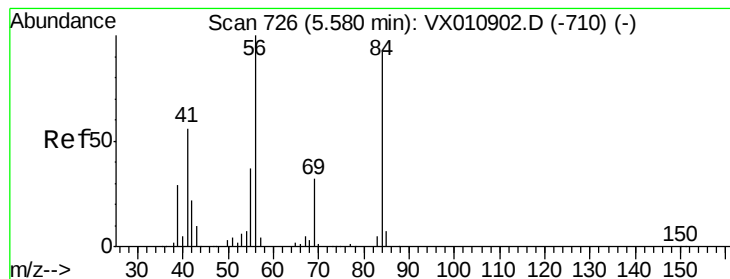
Tgt Ion: 83 Resp: 62403

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.0





#31

Cyclohexane

Concen: 18.067 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

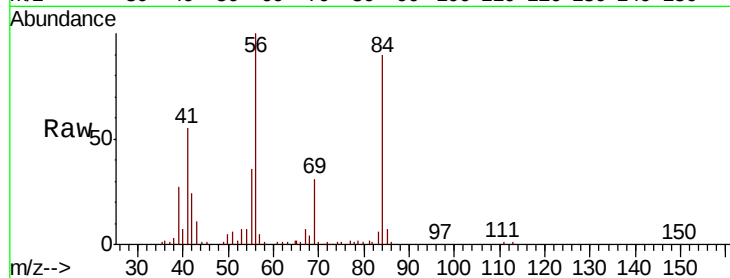
Tot Ion: 56 Resp: 47023

Ion Ratio Lower Upper

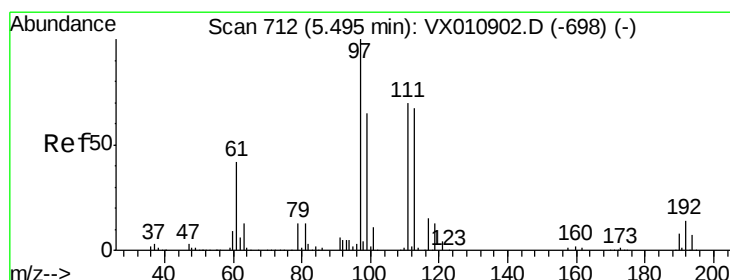
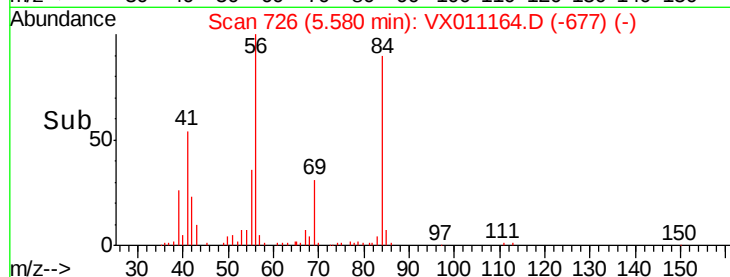
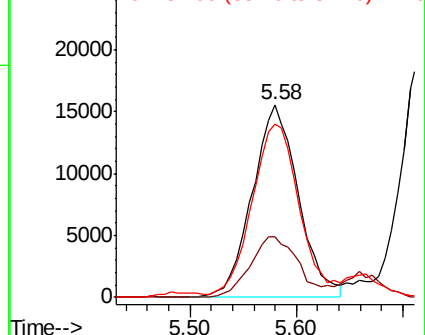
56 100

69 31.4 25.8 38.8

84 87.4 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.474 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

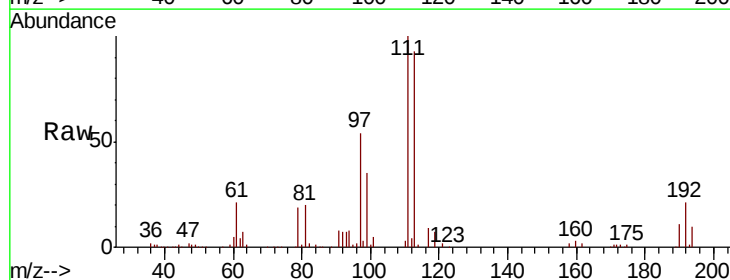
Tgt Ion: 97 Resp: 51999

Ion Ratio Lower Upper

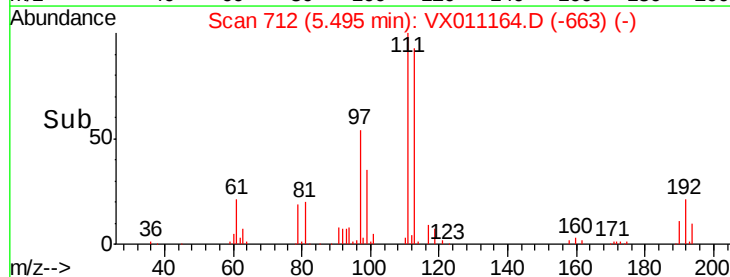
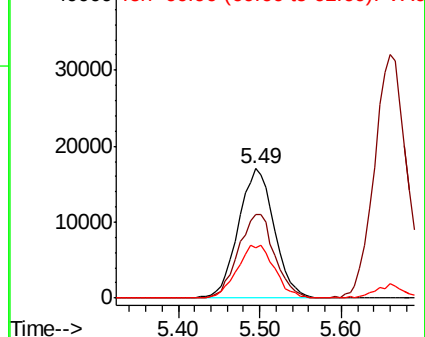
97 100

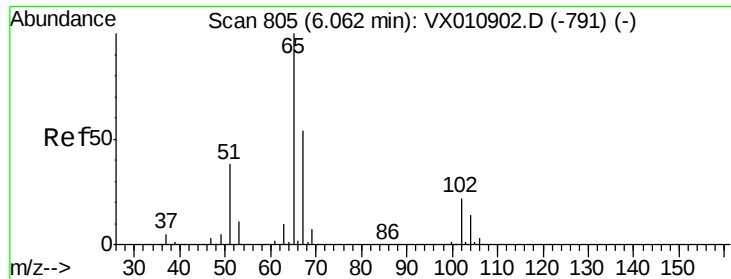
99 65.2 51.4 77.0

61 42.8 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.732 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

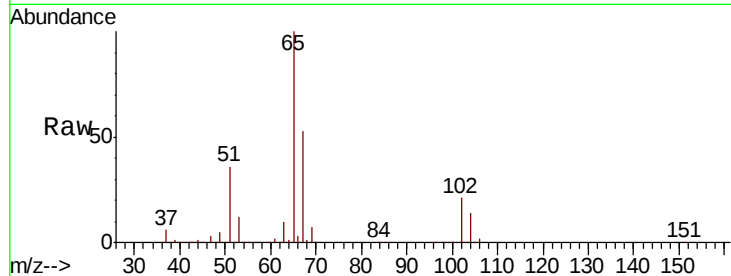
VX0729WBSD02

Tot Ion: 65 Resp: 99165

Ion Ratio Lower Upper

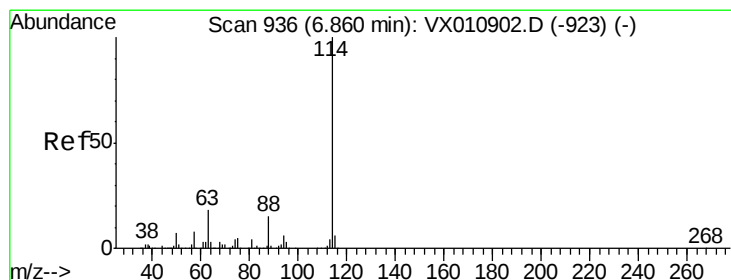
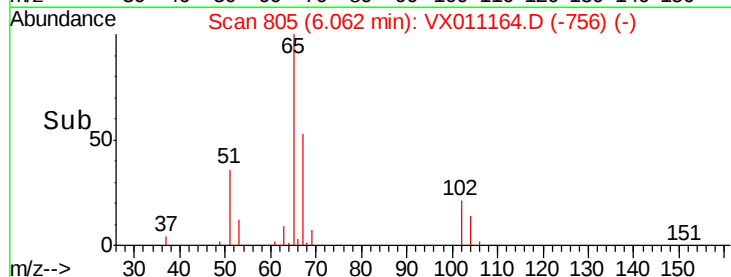
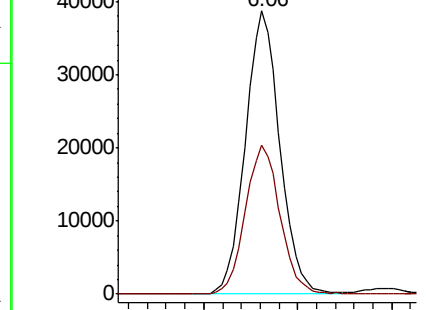
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

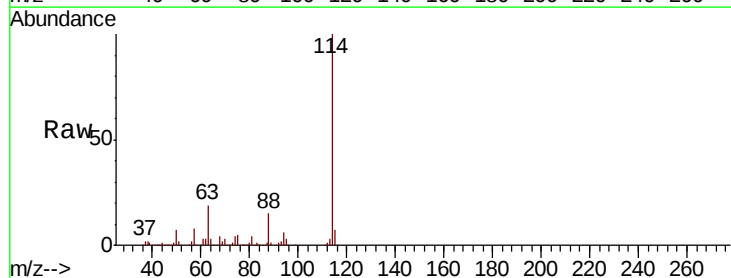
Tgt Ion: 114 Resp: 274643

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

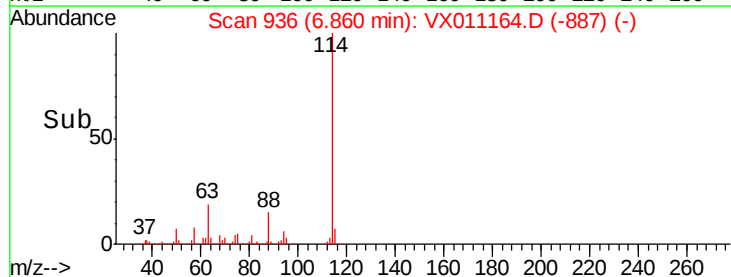
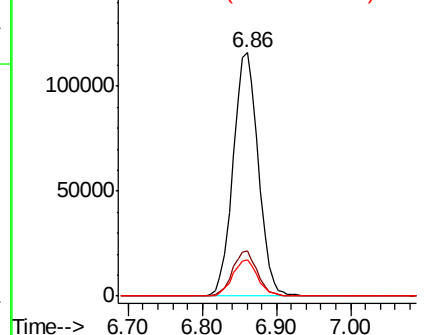
88 15.0 0.0 29.8

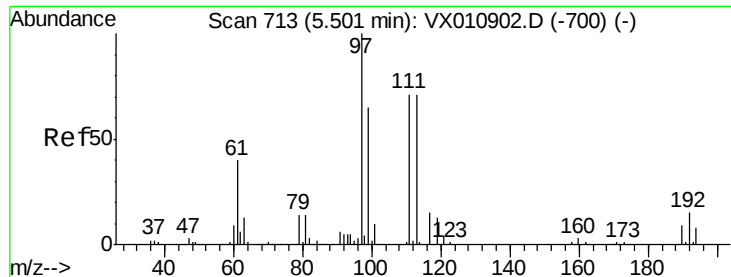


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.624 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

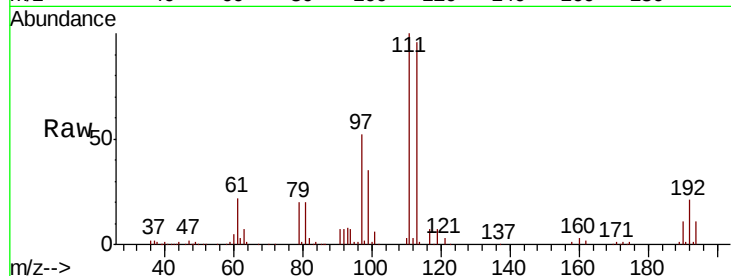
Tot Ion:113 Resp: 88248

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

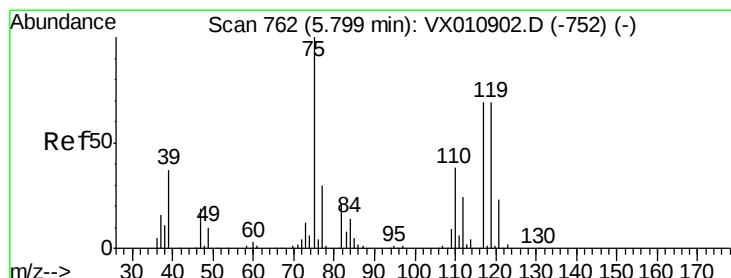
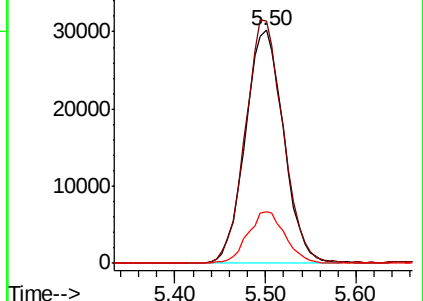
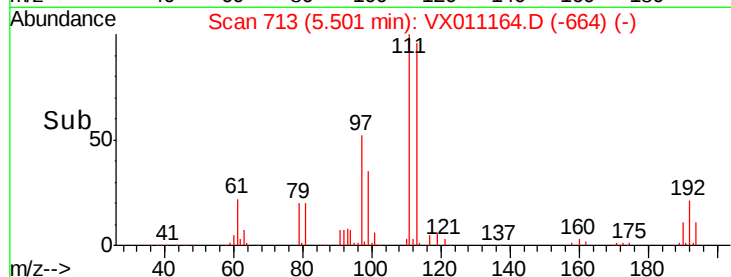
192 21.5 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.533 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

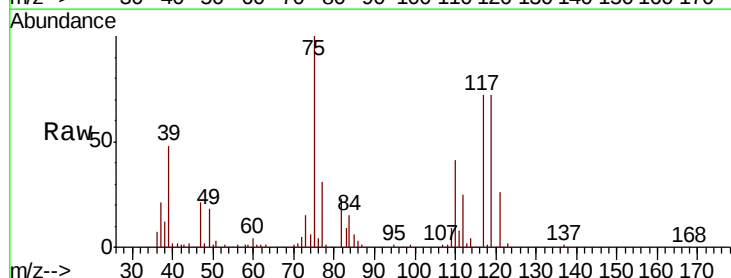
Tgt Ion: 75 Resp: 41810

Ion Ratio Lower Upper

75 100

110 40.1 19.9 59.7

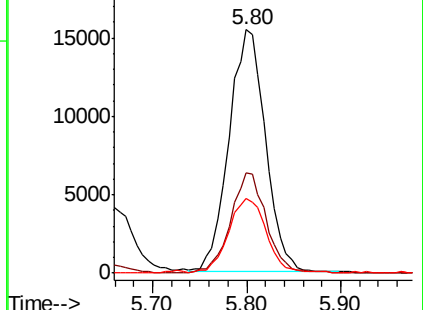
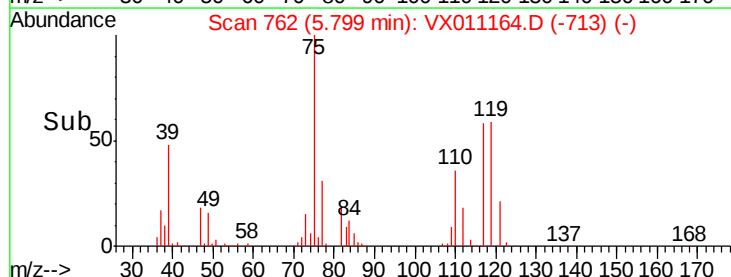
77 32.3 25.0 37.4

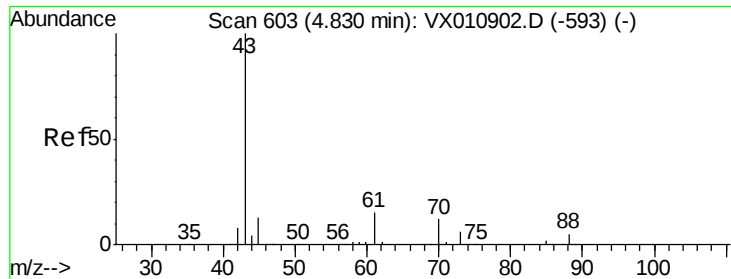


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.945 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleID :

VX0729WBSD02

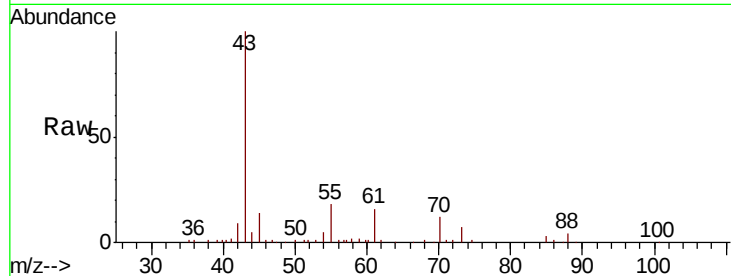
Tot Ion: 43 Resp: 46074

Ion Ratio Lower Upper

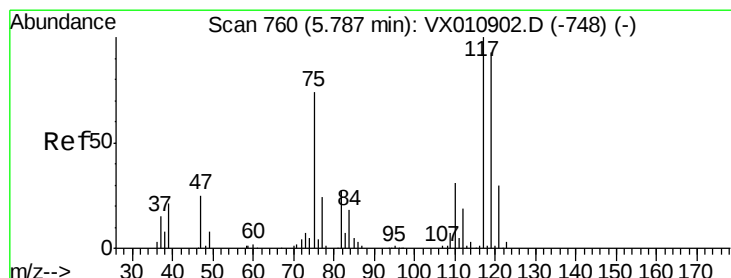
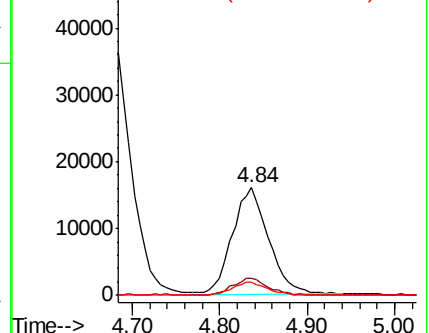
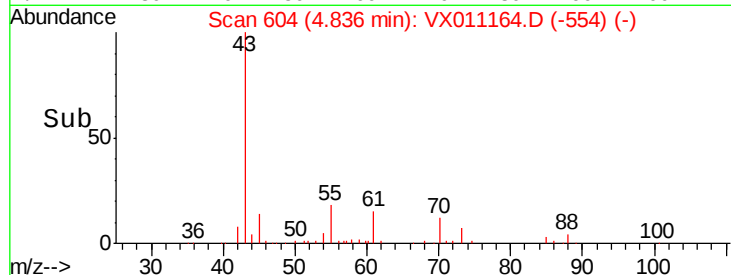
43 100

61 16.1 11.6 17.4

70 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011164.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 18.908 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

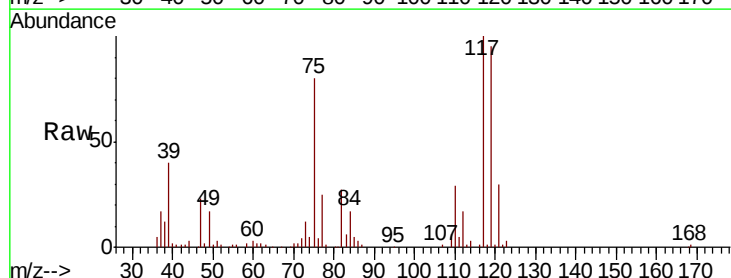
Tgt Ion: 117 Resp: 44449

Ion Ratio Lower Upper

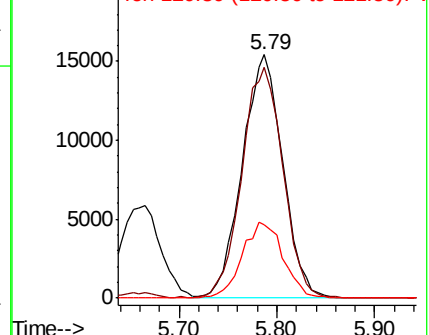
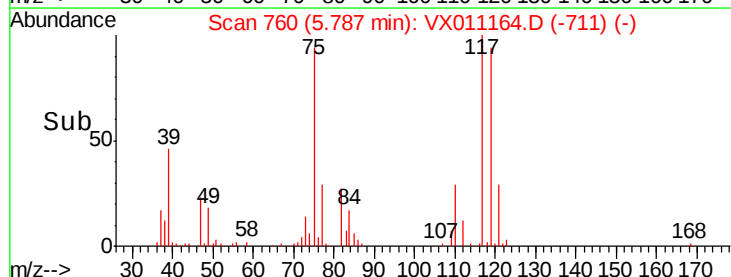
117 100

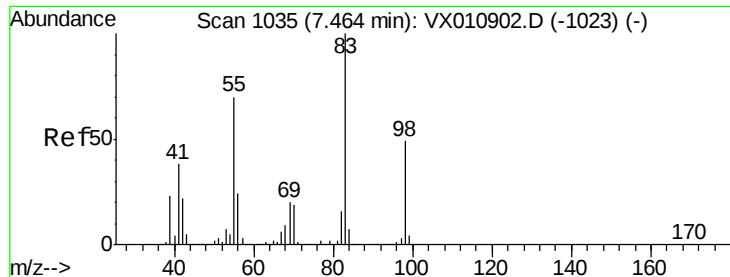
119 94.9 74.2 111.2

121 30.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): VX011164.D (-711) (-)

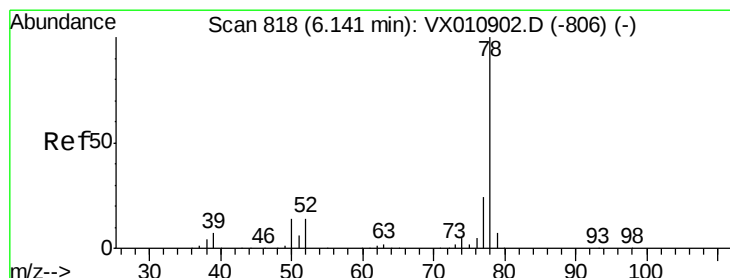
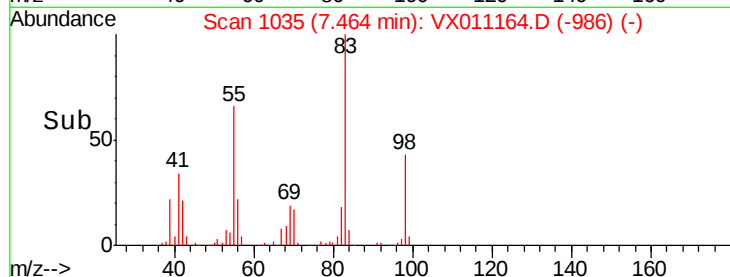
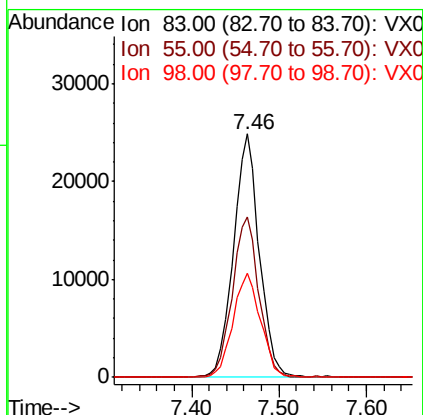
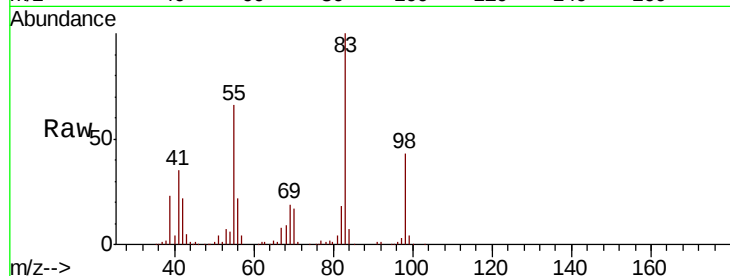




#39
Methvlcvclohexane
Concen: 17.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

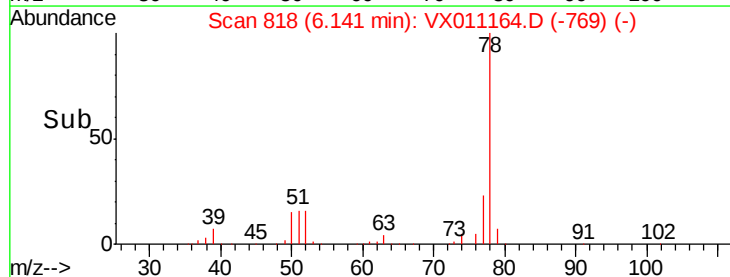
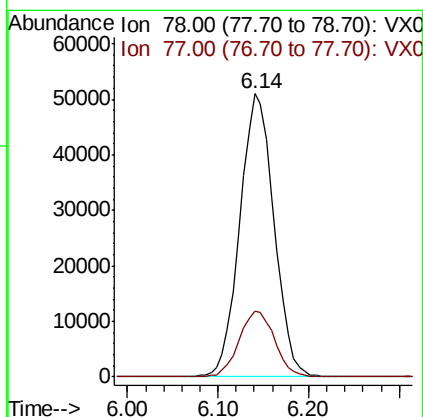
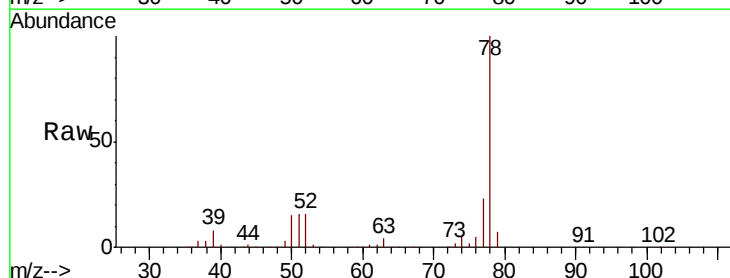
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

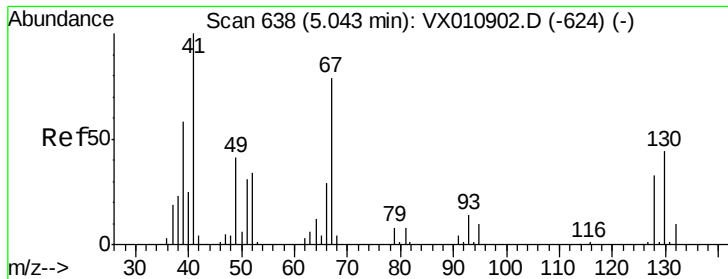
Tot Ion: 83 Resp: 51155
Ion Ratio Lower Upper
83 100
55 66.1 56.2 84.4
98 42.9 39.0 58.4



#40
Benzene
Concen: 19.297 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 78 Resp: 133348
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41

Methacrylonitrile

Concen: 19.291 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

Tot Ion: 41 Resp: 25297

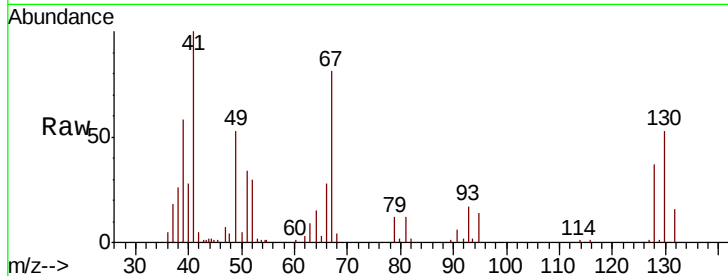
Ion Ratio Lower Upper

41 100

39 57.6 45.4 68.2

67 81.6 65.9 98.9

52 34.0 26.2 39.2

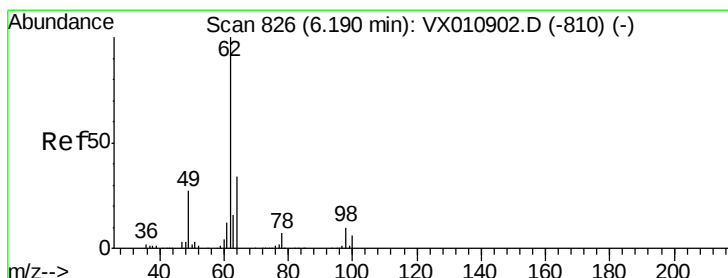
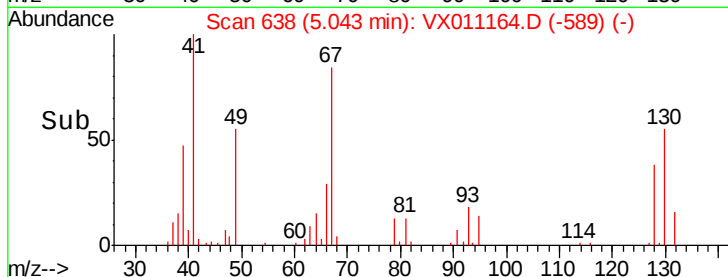
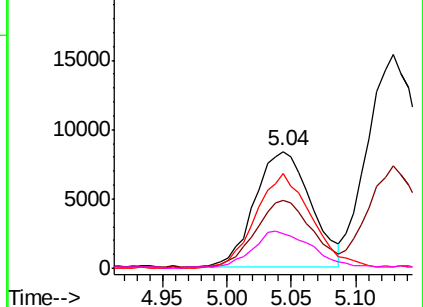


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.111 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011164.D

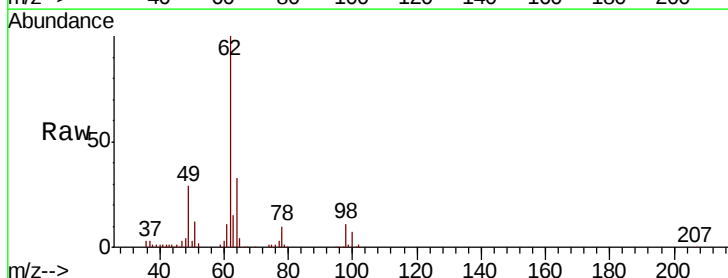
Acq: 29 Jul 2019 23:36

Tgt Ion: 62 Resp: 48322

Ion Ratio Lower Upper

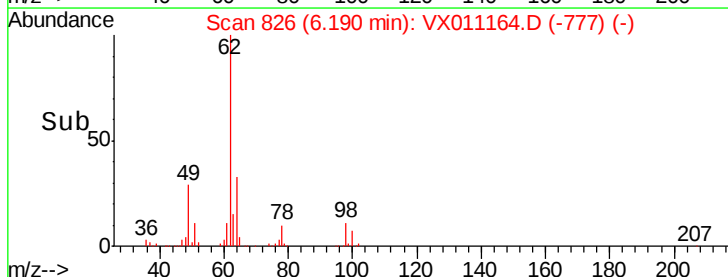
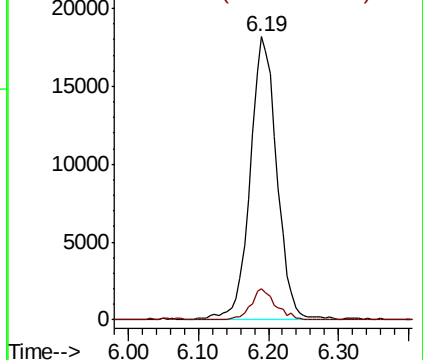
62 100

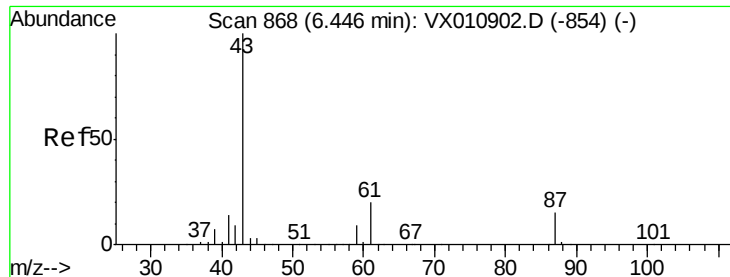
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.091 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

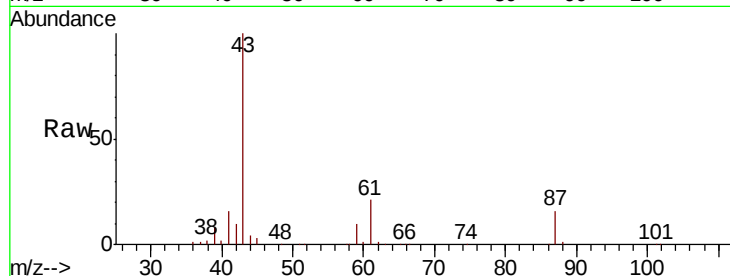
Tot Ion: 43 Resp: 72516

Ion Ratio Lower Upper

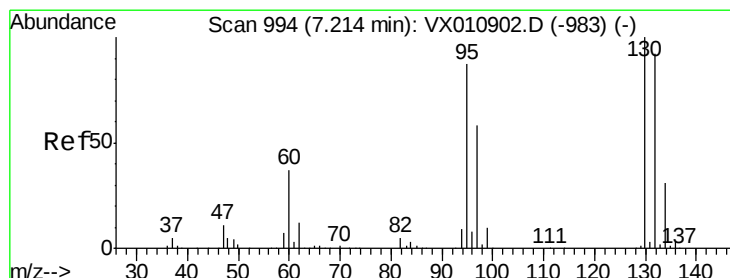
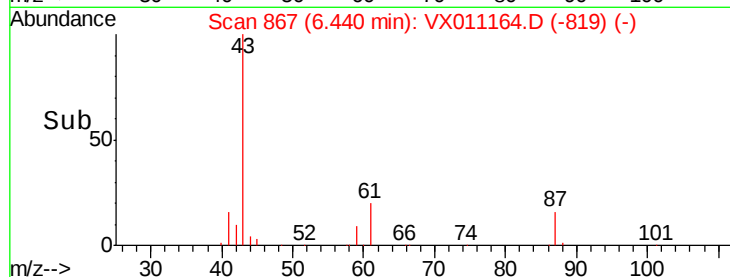
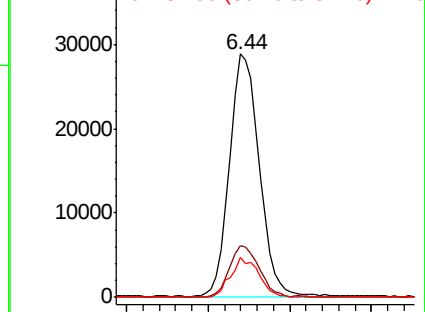
43 100

61 21.7 17.1 25.7

87 15.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.987 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011164.D

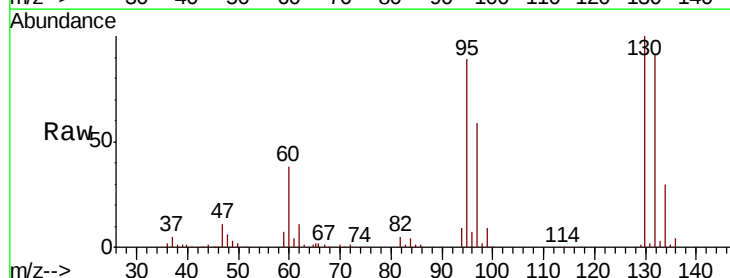
Acq: 29 Jul 2019 23:36

Tgt Ion:130 Resp: 38839

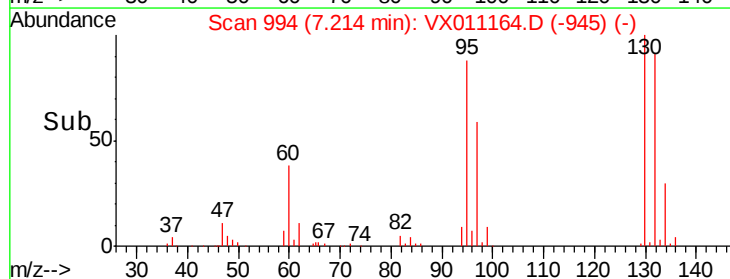
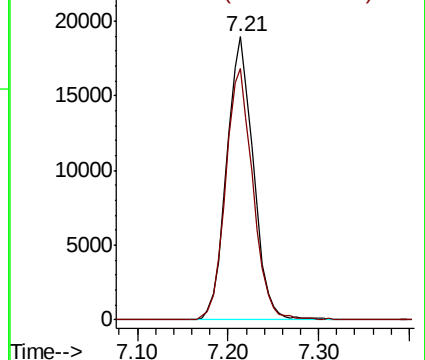
Ion Ratio Lower Upper

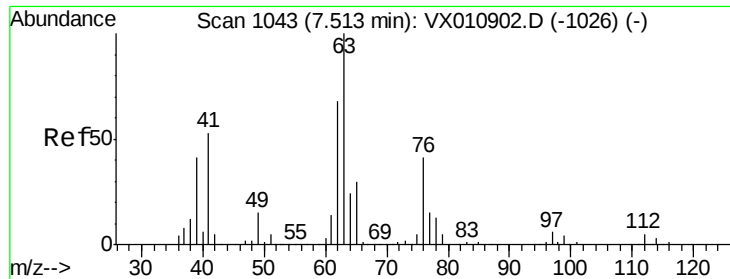
130 100

95 88.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.533 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

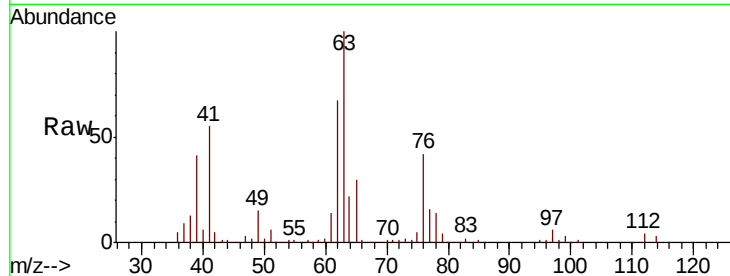
VX0729WBSD02

Tot Ion: 63 Resp: 34355

Ion Ratio Lower Upper

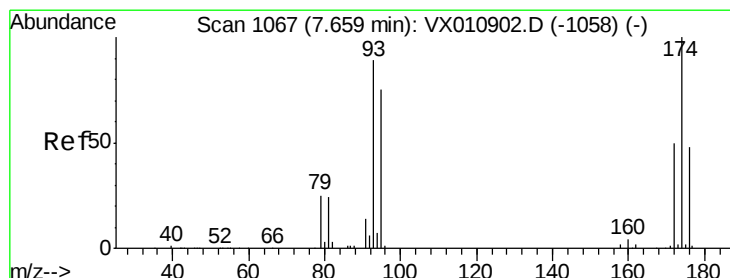
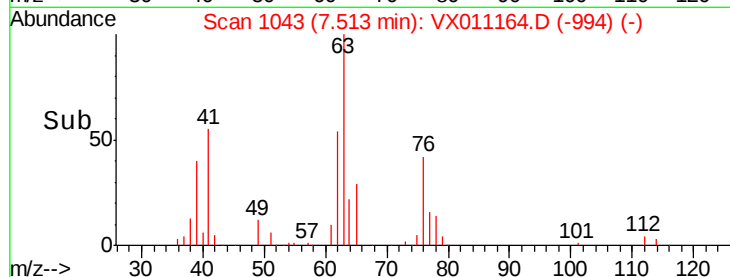
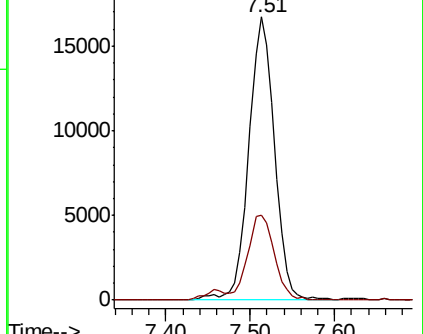
63 100

65 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.515 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

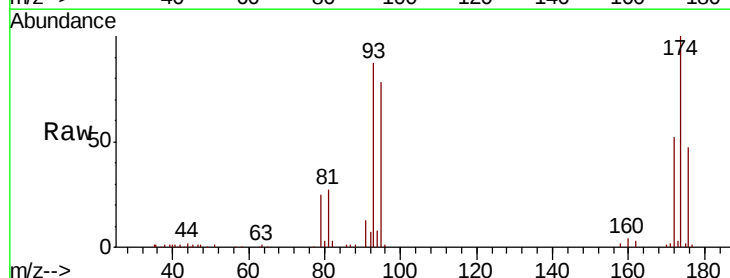
Tgt Ion: 93 Resp: 24527

Ion Ratio Lower Upper

93 100

95 87.1 67.2 100.8

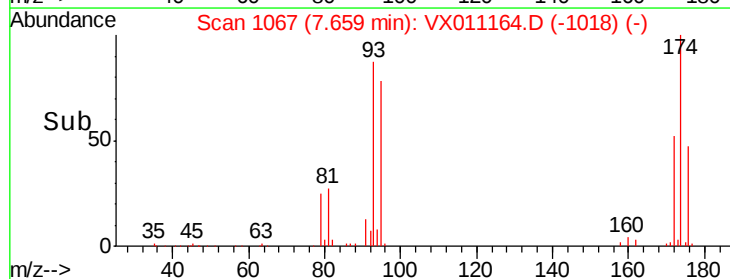
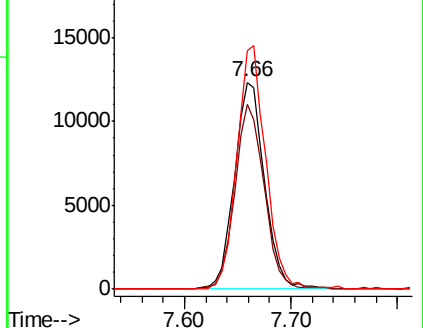
174 112.9 90.6 135.8

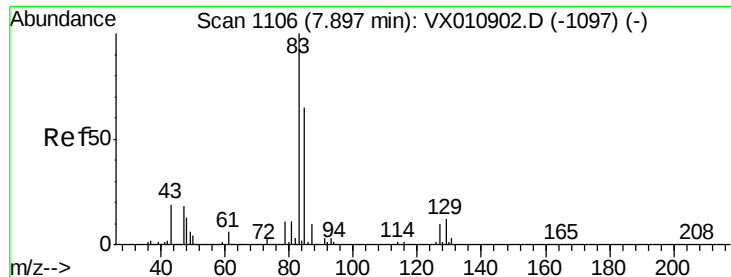


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.274 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

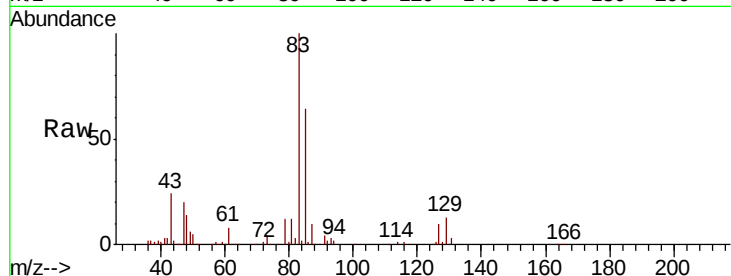
Tot Ion: 83 Resp: 43121

Ion Ratio Lower Upper

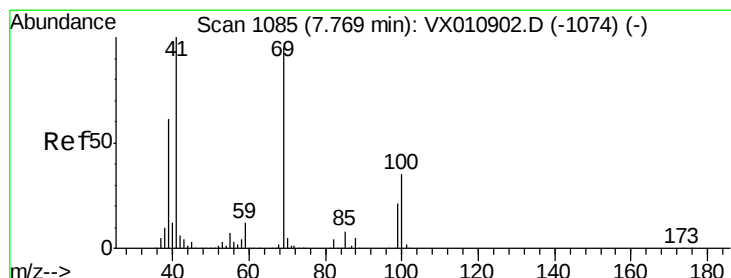
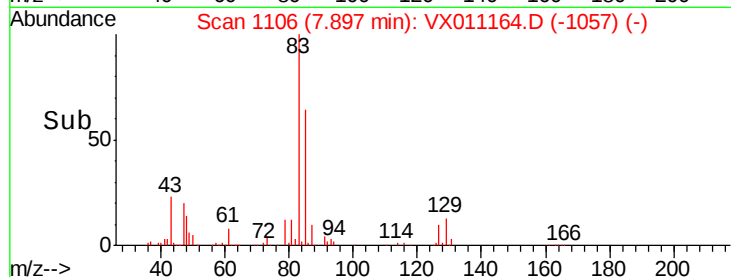
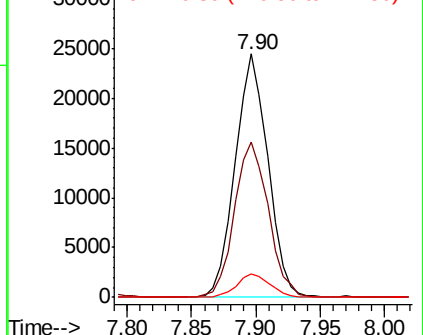
83 100

85 63.5 52.5 78.7

127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.239 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

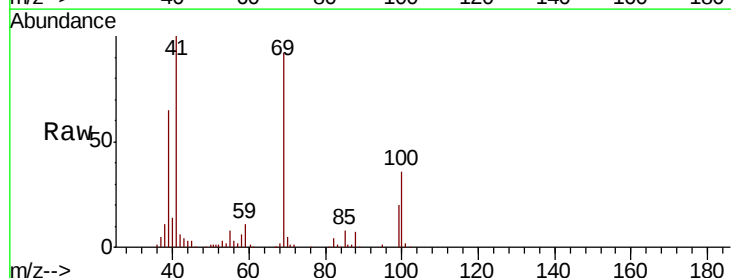
Tgt Ion: 41 Resp: 35599

Ion Ratio Lower Upper

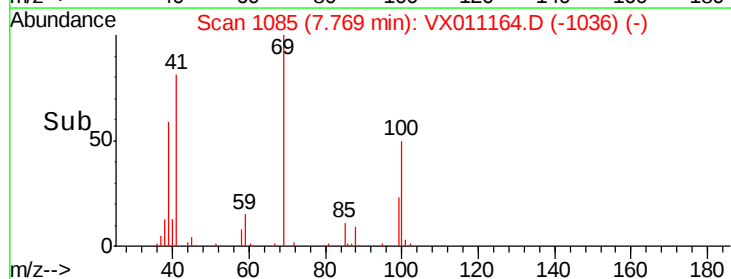
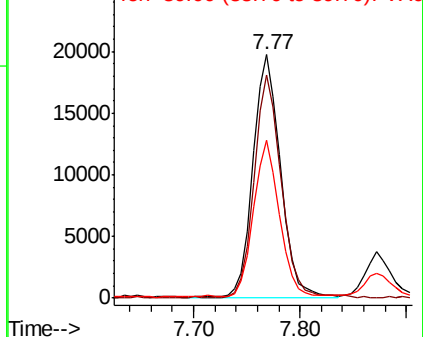
41 100

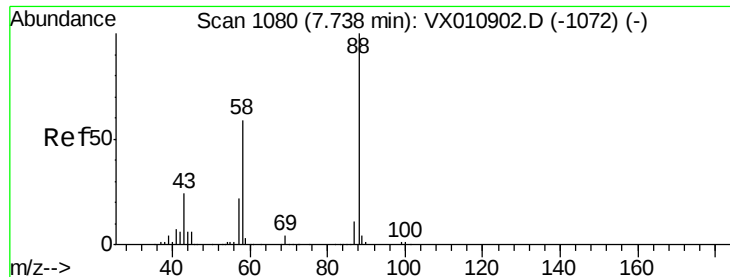
69 91.5 74.4 111.6

39 60.1 48.9 73.3



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

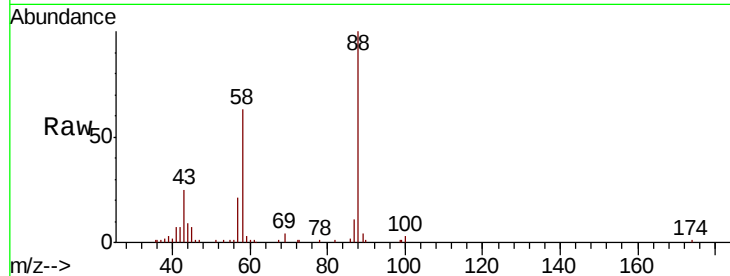




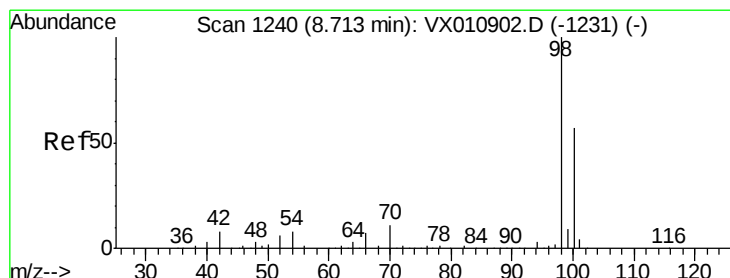
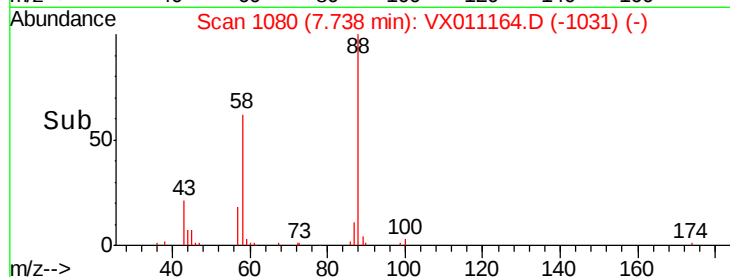
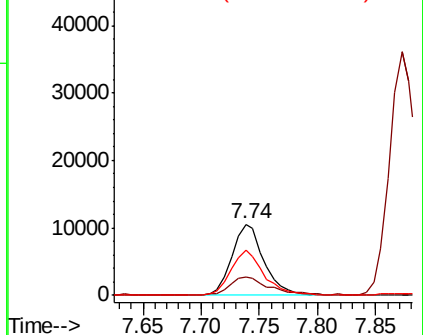
#49
1,4-Dioxane
Concen: 391.137 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

Tot Ion: 88 Resp: 20245
Ion Ratio Lower Upper
88 100
43 33.9 22.9 34.3
58 64.9 49.8 74.8

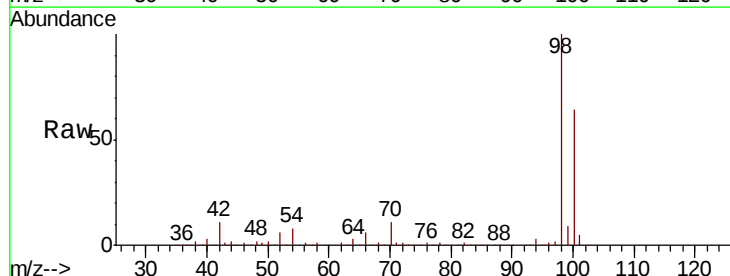


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

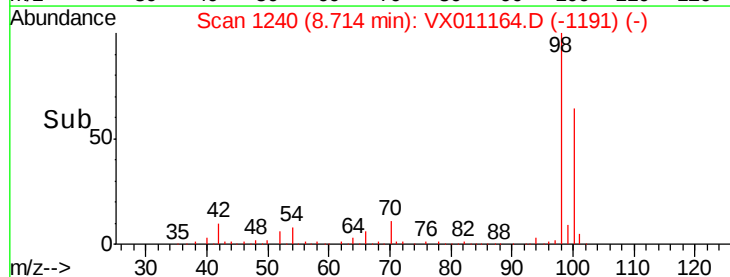
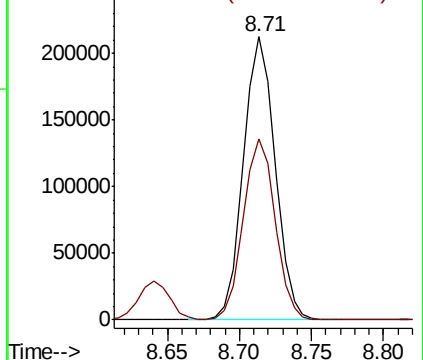


#50
Toluene-d8
Concen: 49.411 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 98 Resp: 323057
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

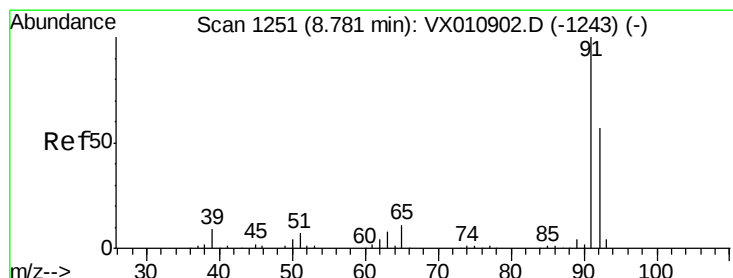
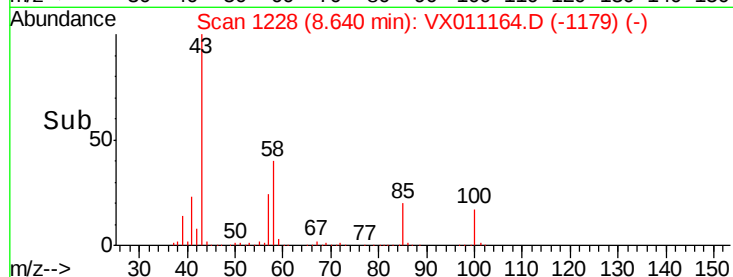
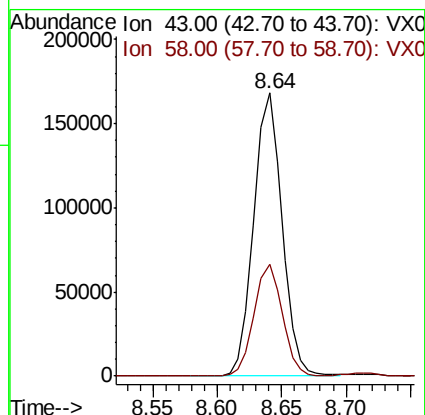
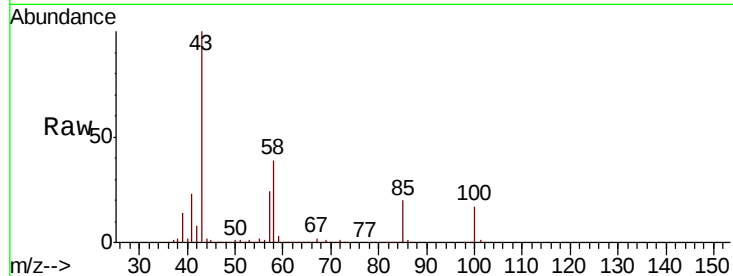




#51
4-Methyl-2-Pentanone
Concen: 103.307 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

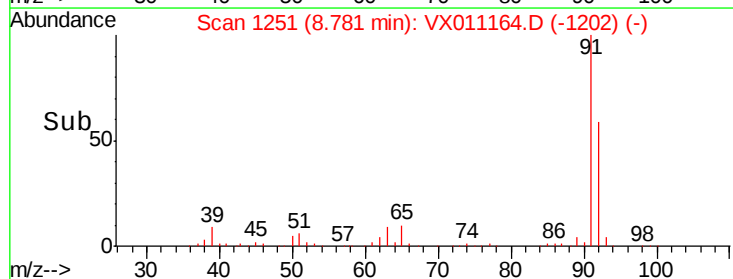
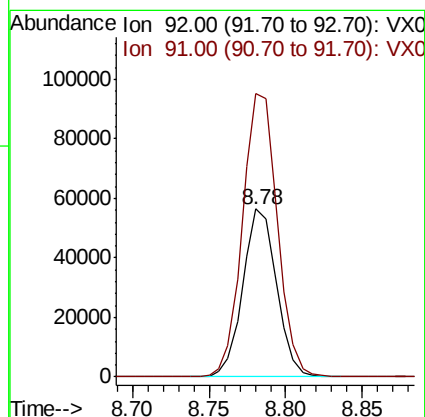
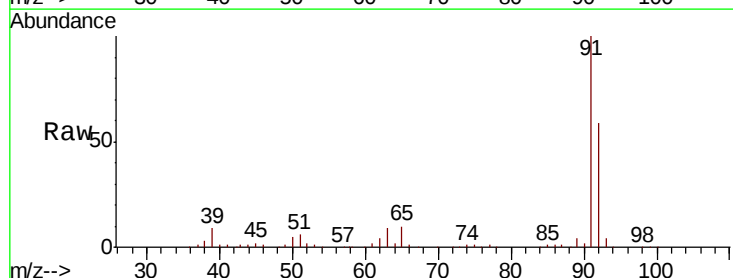
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

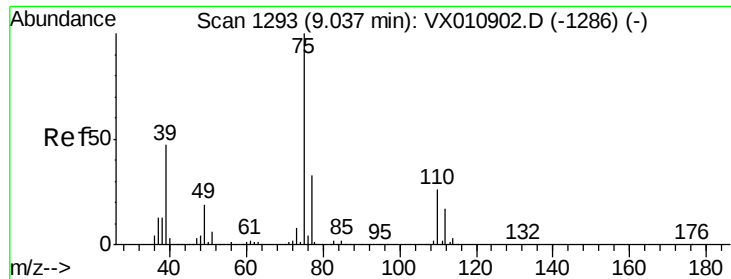
Tot Ion: 43 Resp: 254367
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4



#52
Toluene
Concen: 19.061 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 92 Resp: 86529
Ion Ratio Lower Upper
92 100
91 174.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.110 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

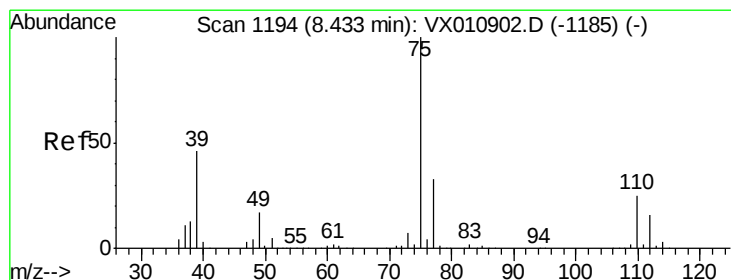
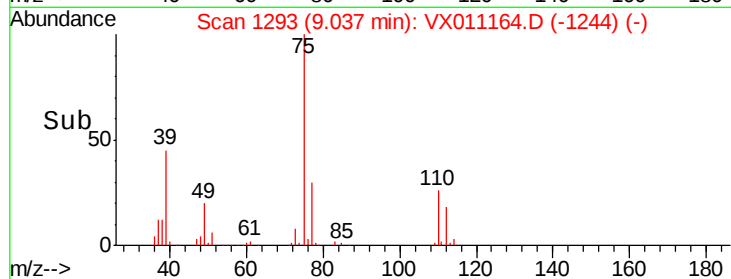
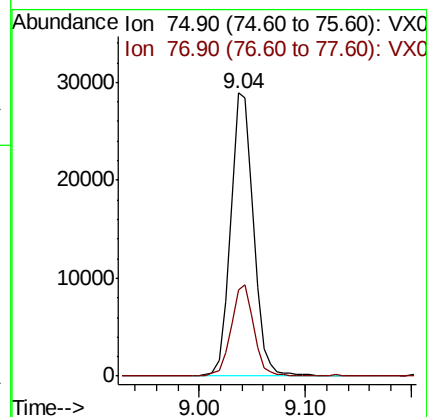
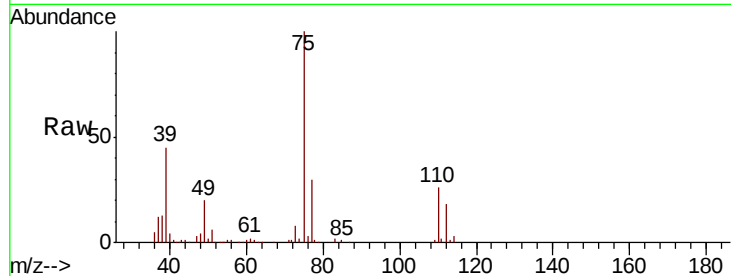
VX0729WBSD02

Tot Ion: 75 Resp: 43564

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.098 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

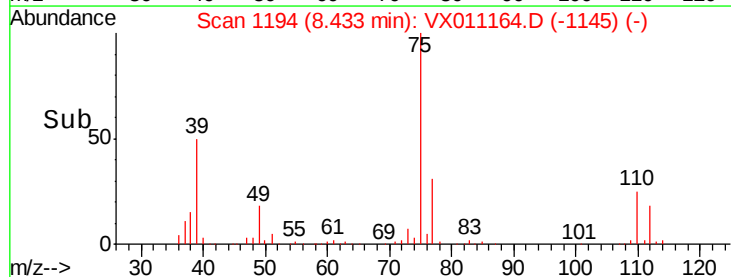
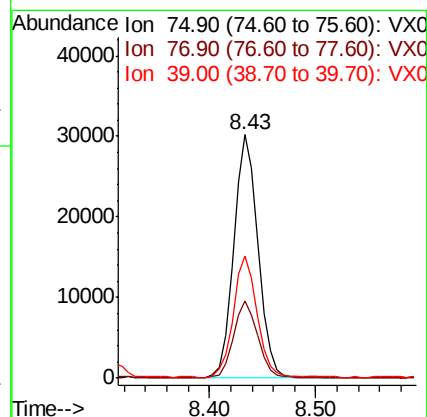
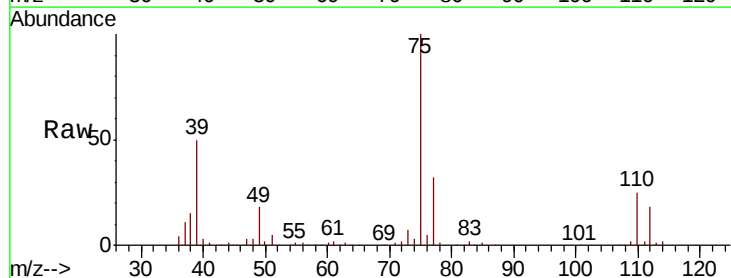
Tgt Ion: 75 Resp: 48444

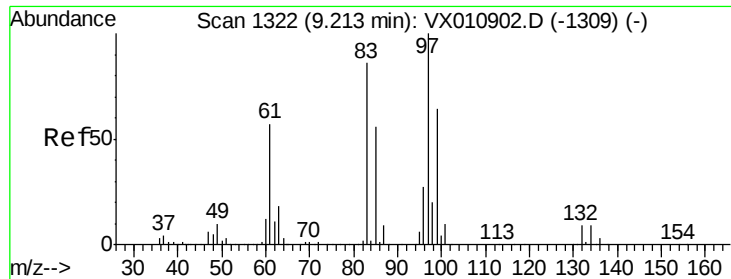
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

39 49.5 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 20.190 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

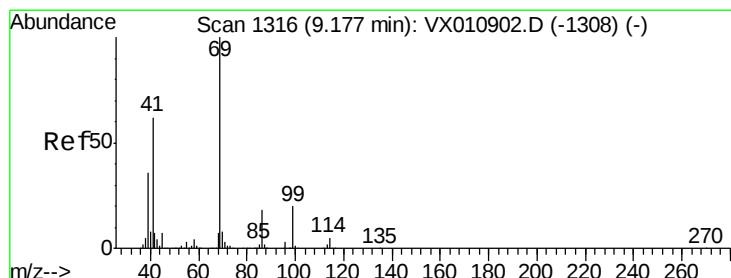
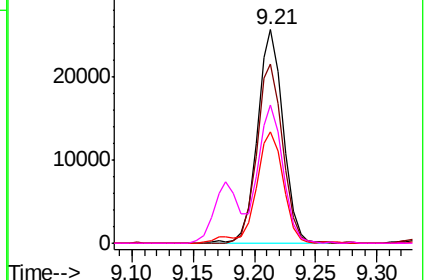
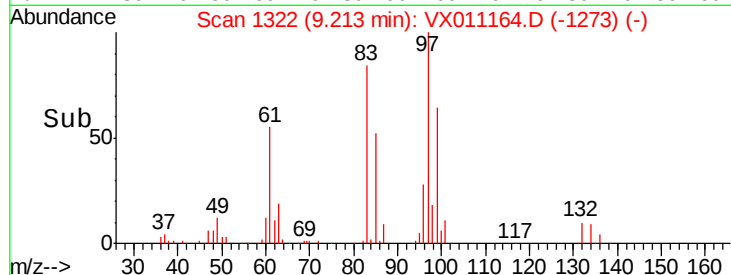
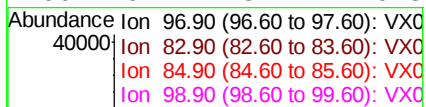
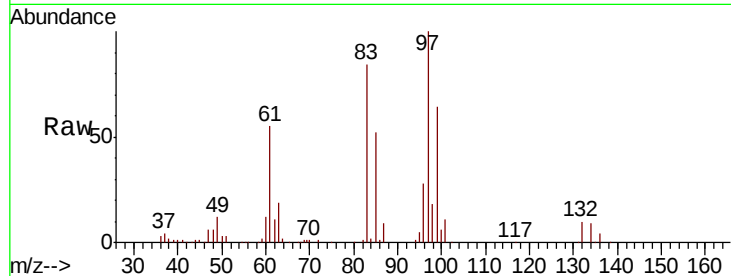
MSVOA_X

ClientSampleId :

VX0729WBSD02

Tot Ion: 97 Resp: 37739

Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.2	103.8
85	52.3	44.6	66.8
99	64.4	51.2	76.8



#56

Ethyl methacrylate

Concen: 19.803 ug/l

RT: 9.18 min Scan# 1316

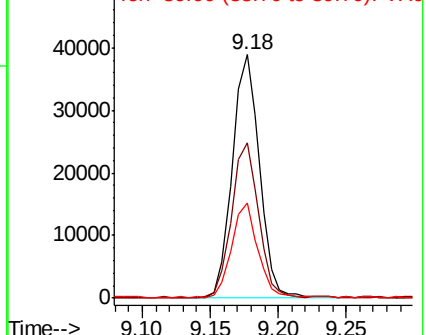
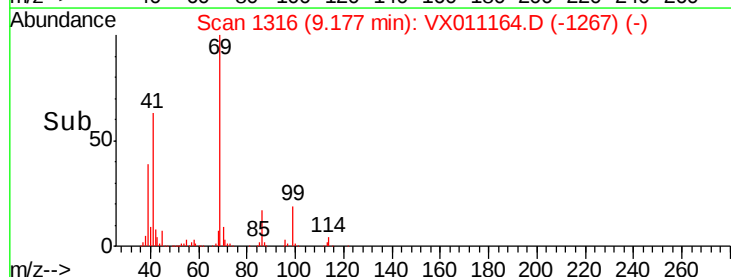
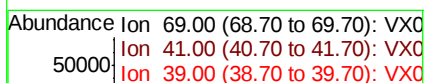
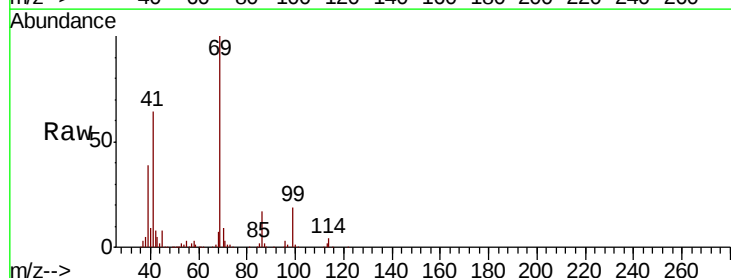
Delta R.T. 0.00 min

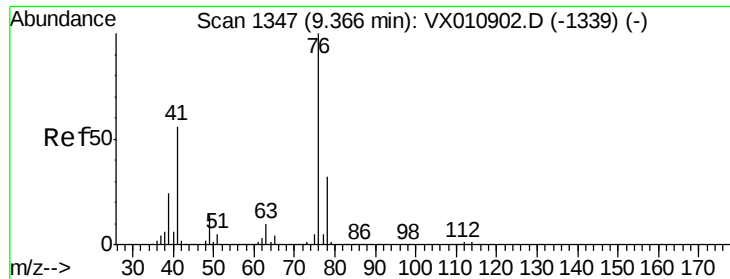
Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Tgt Ion: 69 Resp: 54146

Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	37.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.079 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

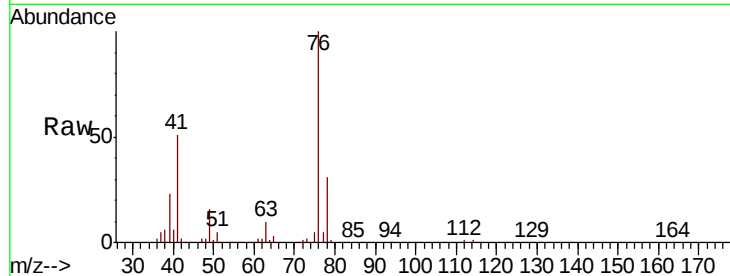
VX0729WBSD02

Tot Ion: 76 Resp: 59540

Ion Ratio Lower Upper

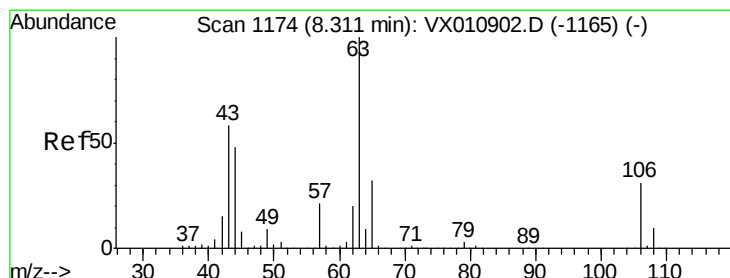
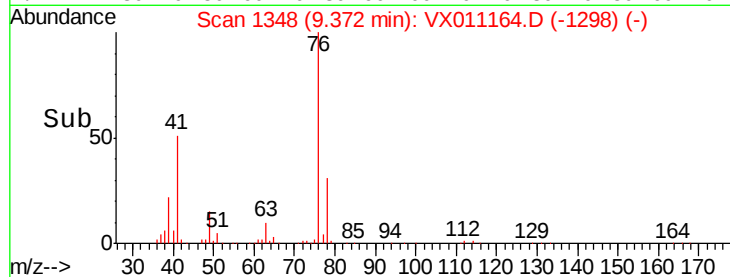
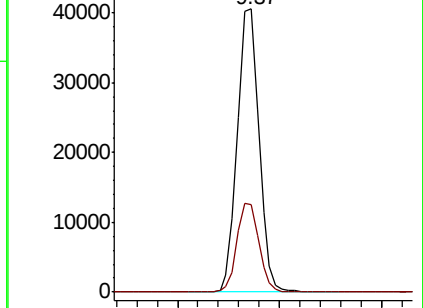
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.274 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011164.D

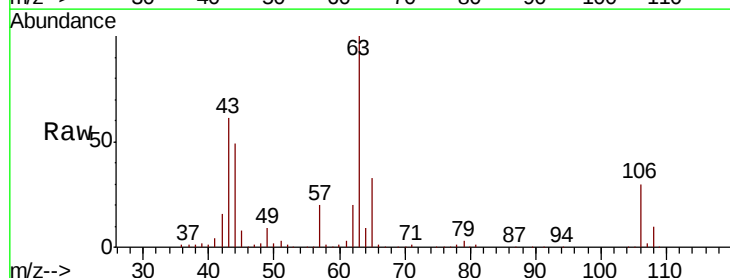
Acq: 29 Jul 2019 23:36

Tgt Ion: 63 Resp: 128266

Ion Ratio Lower Upper

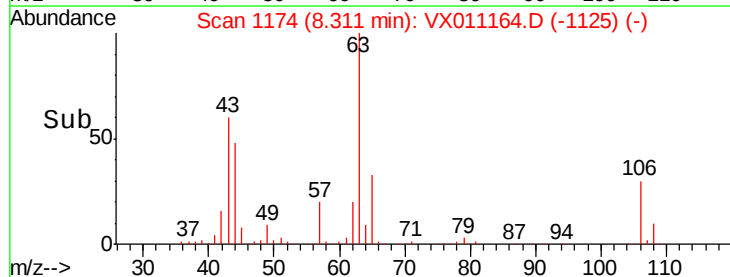
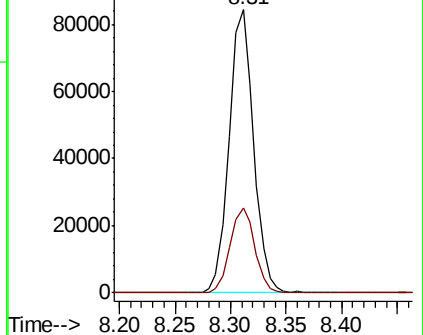
63 100

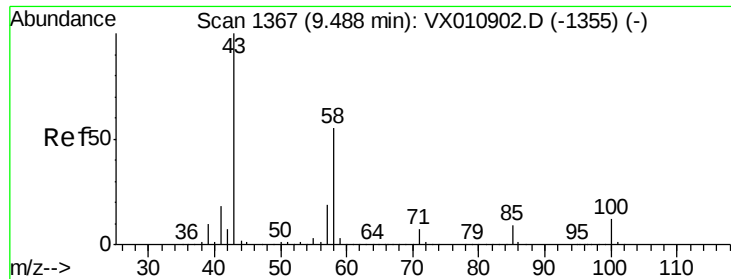
106 30.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

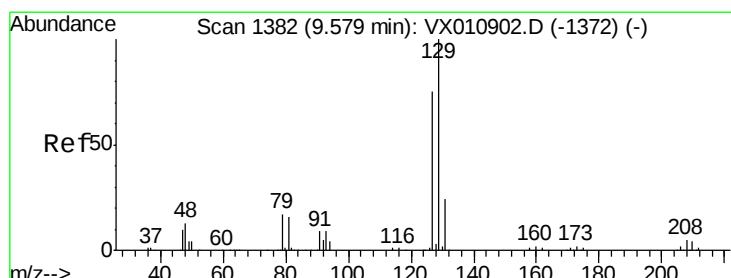
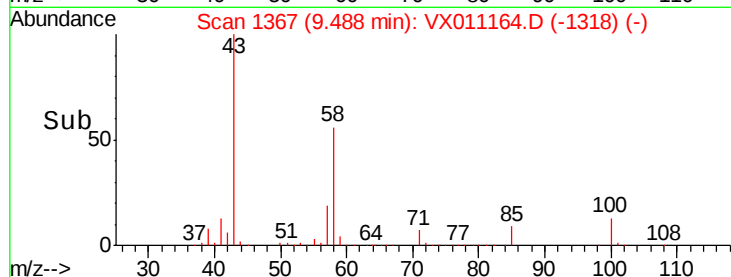
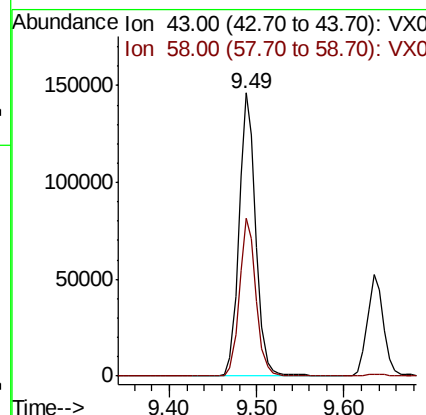
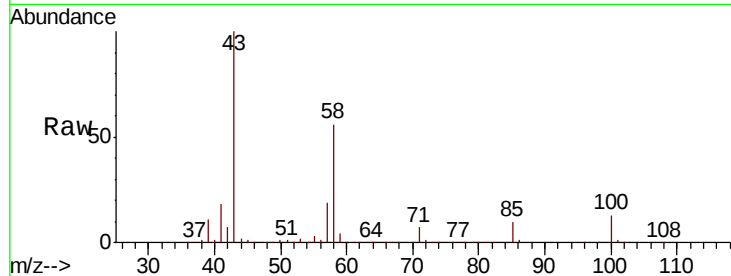




#59
2-Hexanone
Concen: 102.616 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

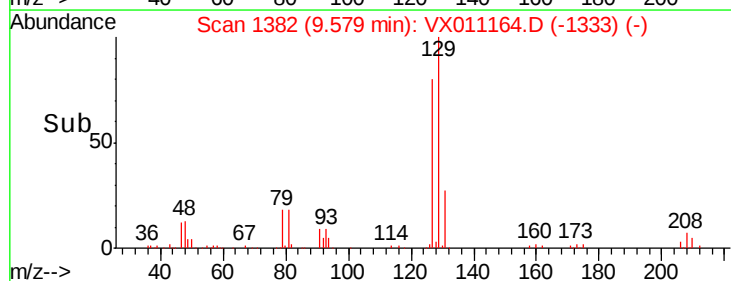
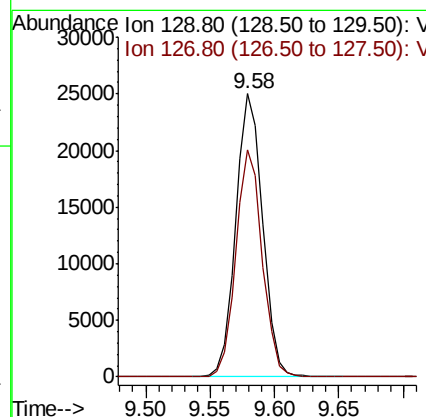
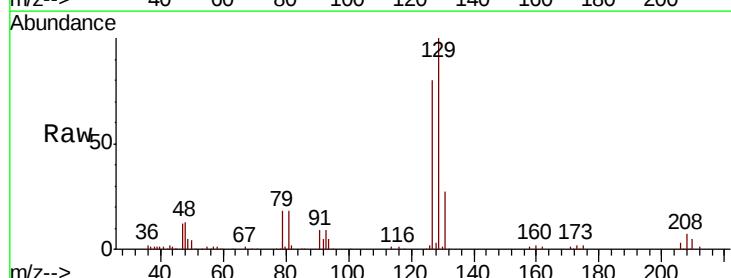
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

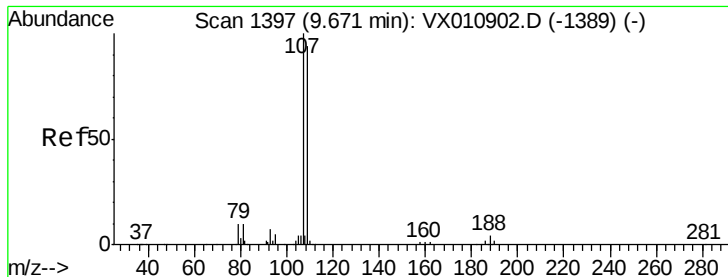
Tot Ion: 43 Resp: 195972
Ion Ratio Lower Upper
43 100
58 55.2 28.0 83.9



#60
Dibromochloromethane
Concen: 18.617 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 129 Resp: 36455
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.687 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

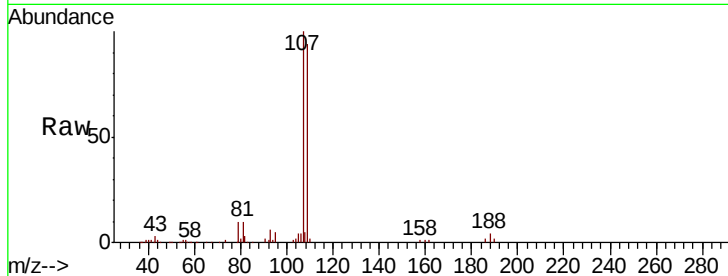
VX0729WBSD02

Tot Ion:107 Resp: 39053

Ion Ratio Lower Upper

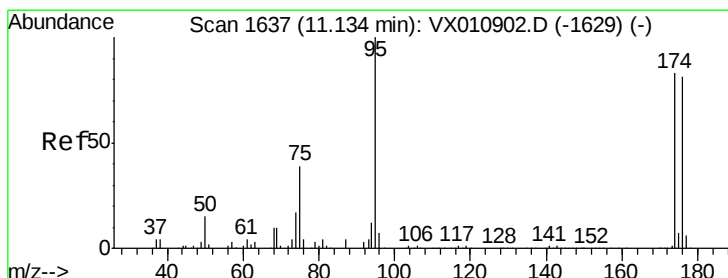
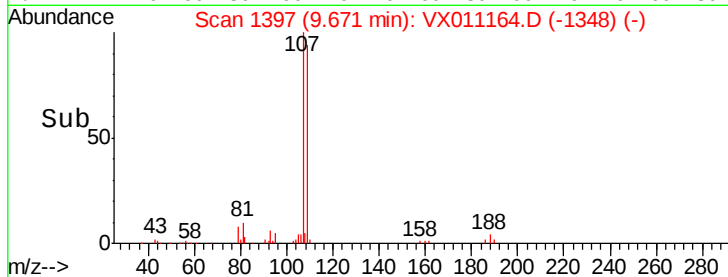
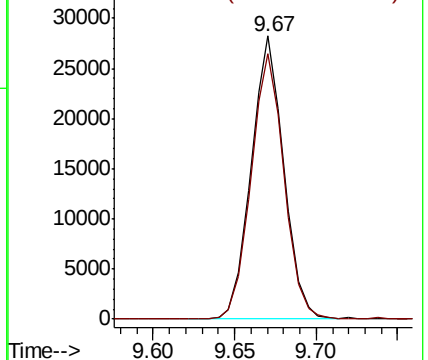
107 100

109 95.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.291 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

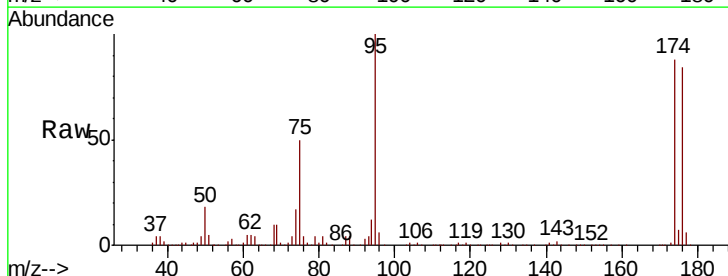
Tgt Ion: 95 Resp: 118458

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

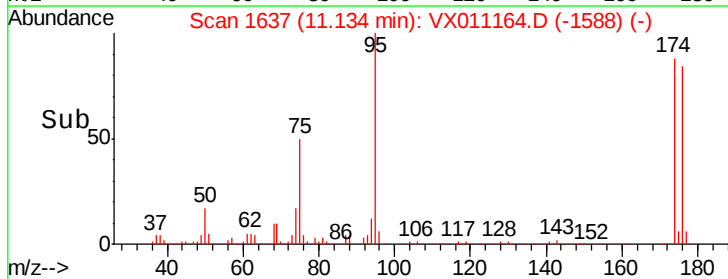
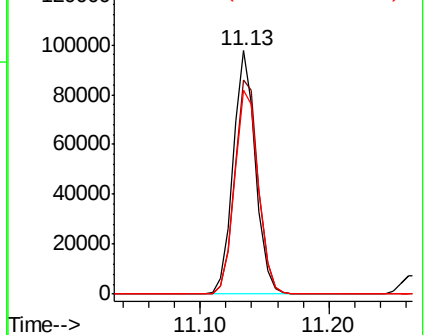
176 88.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

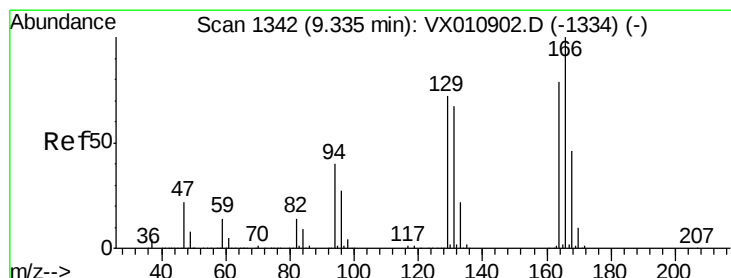
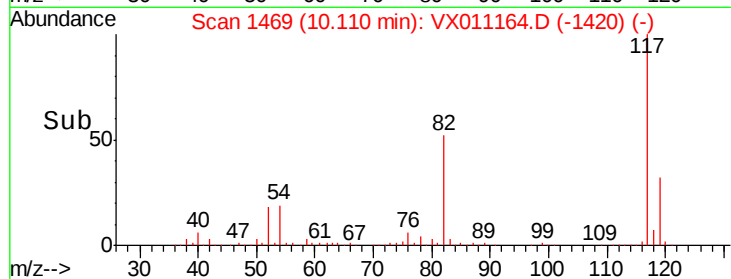
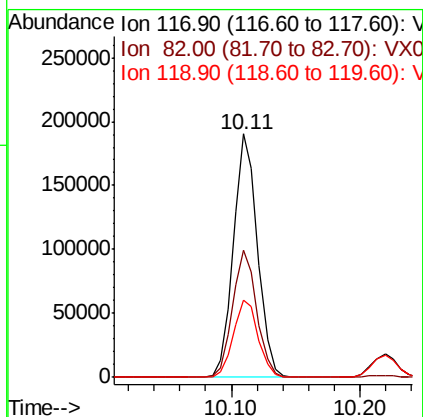
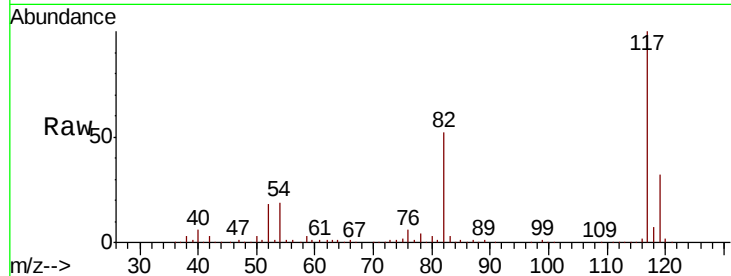




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

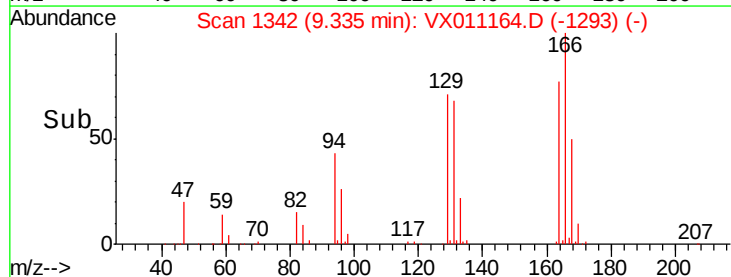
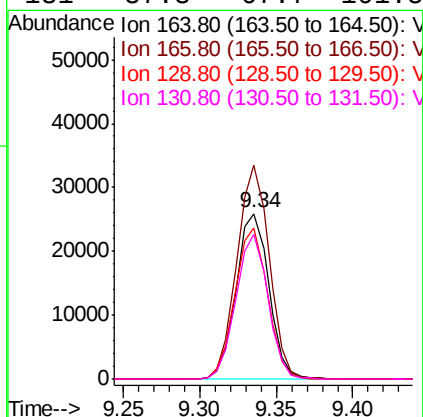
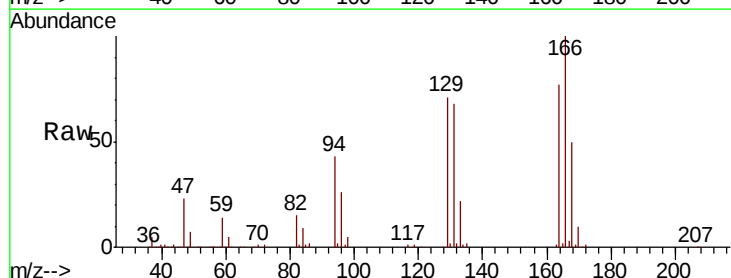
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

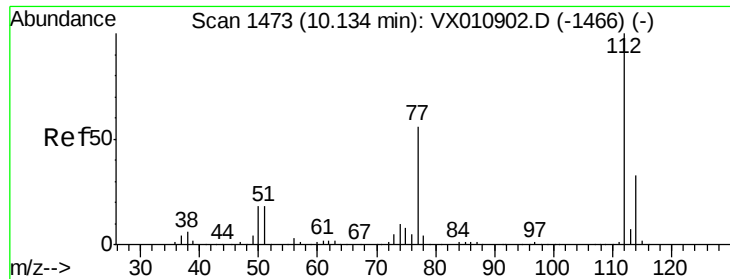
Tot Ion:117 Resp: 248085
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 19.703 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion:164 Resp: 38454
Ion Ratio Lower Upper
164 100
166 129.1 100.8 151.2
129 91.1 72.6 109.0
131 87.3 67.7 101.5

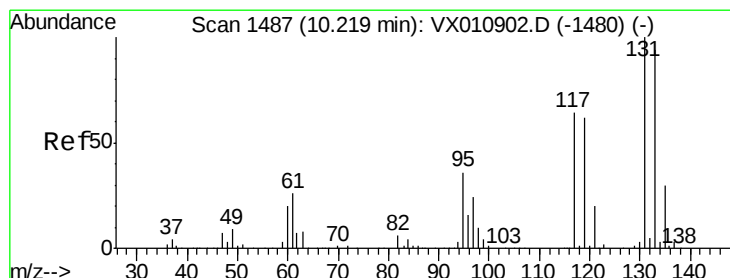
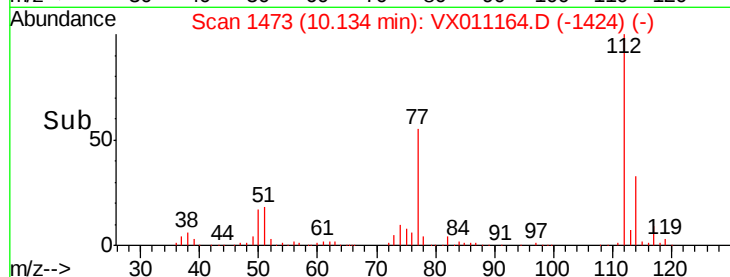
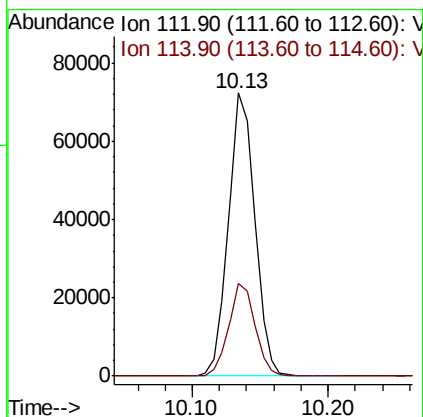
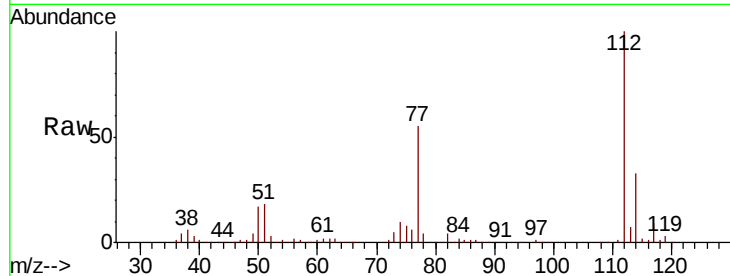




#65
Chlorobenzene
Concen: 19.269 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

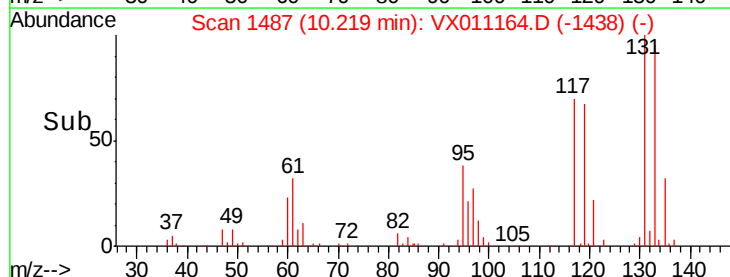
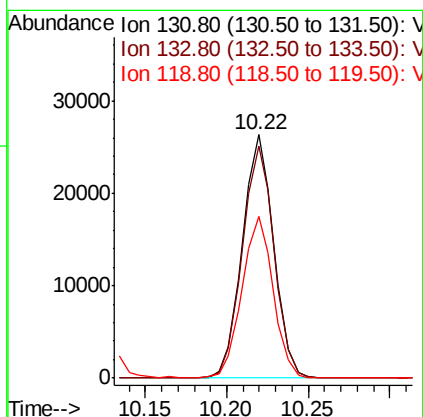
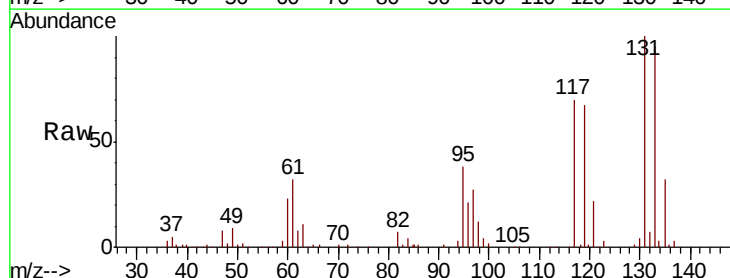
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

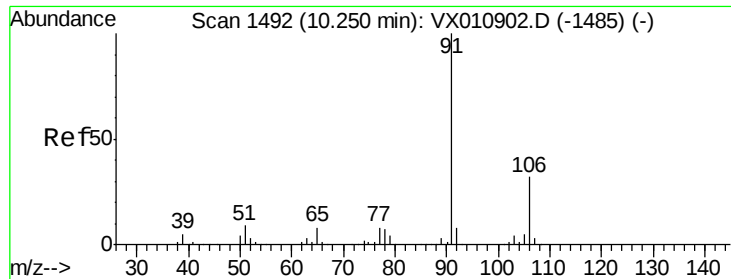
Tot Ion:112 Resp: 98184
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.735 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion:131 Resp: 35341
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 66.1 31.9 95.7

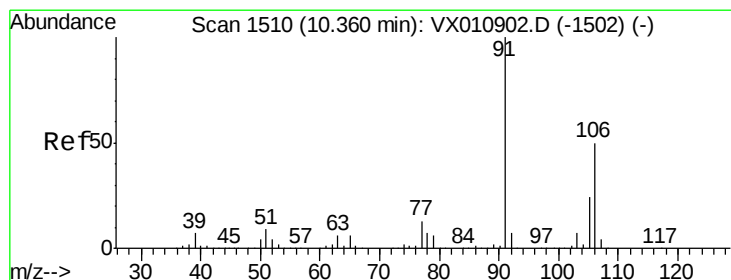
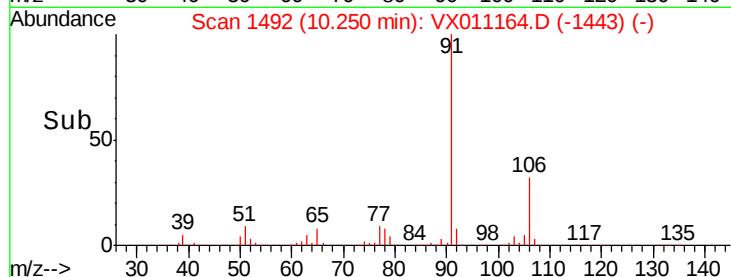
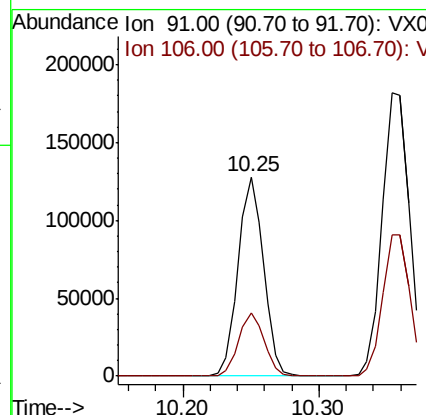
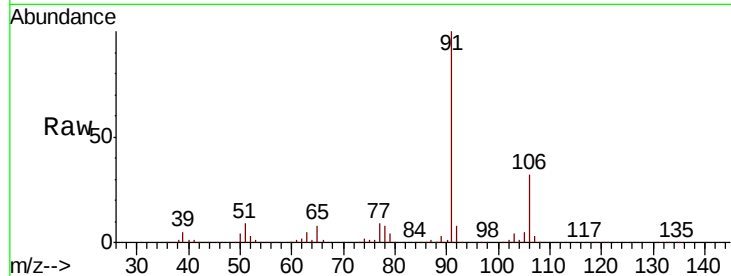




#67
Ethyl Benzene
Concen: 19.253 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

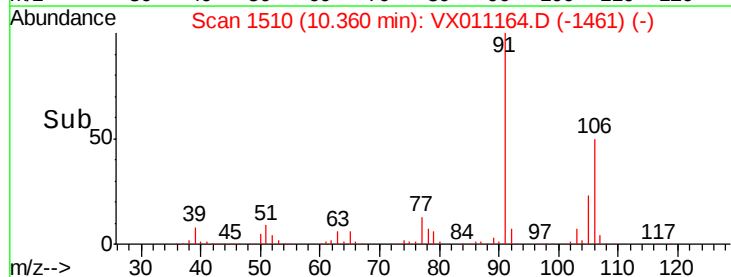
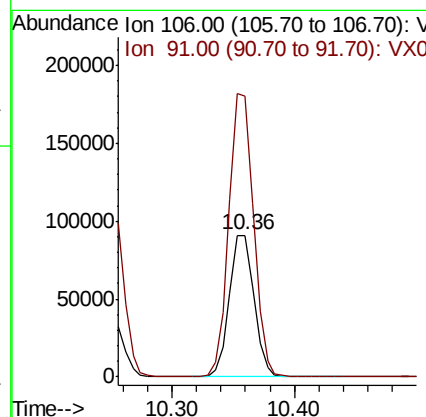
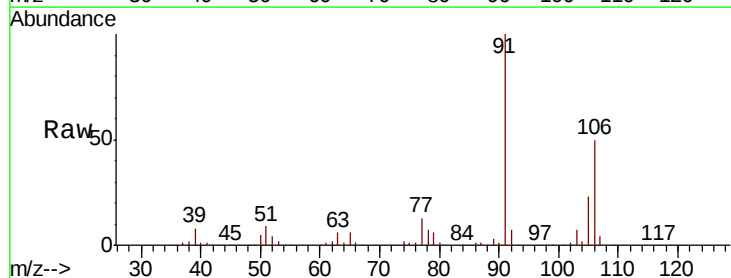
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

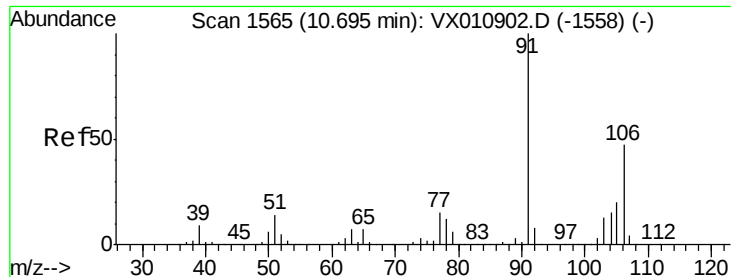
Tot Ion: 91 Resp: 166985
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 38.273 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 106 Resp: 127331
Ion Ratio Lower Upper
106 100
91 200.5 160.1 240.1

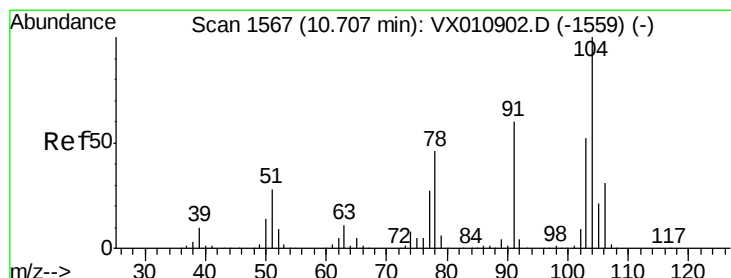
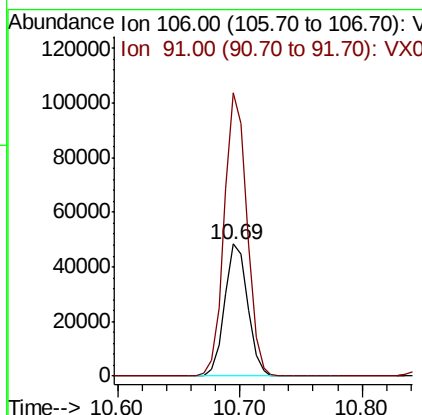
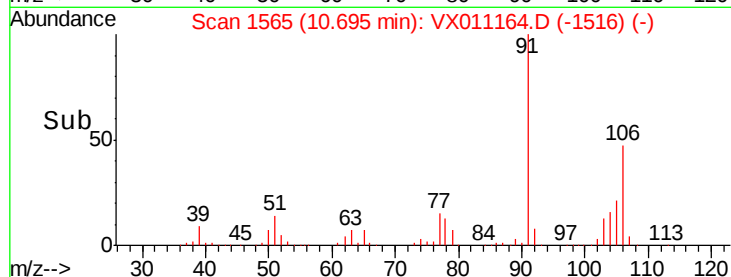
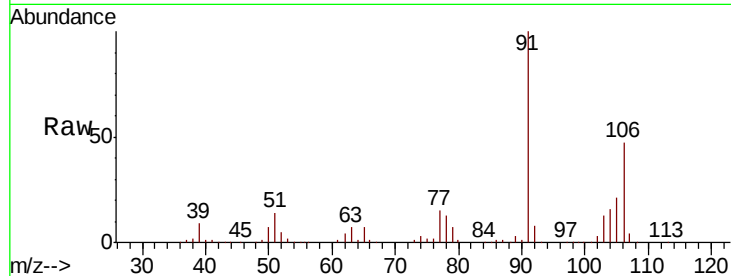




#69
o-Xylene
Concen: 19.332 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

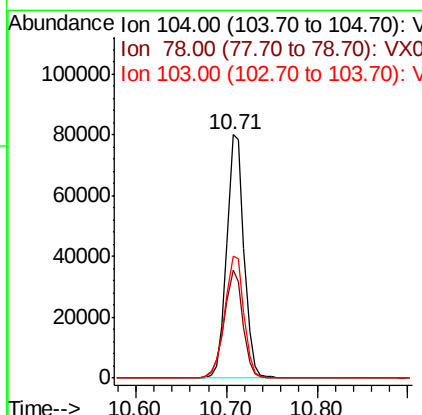
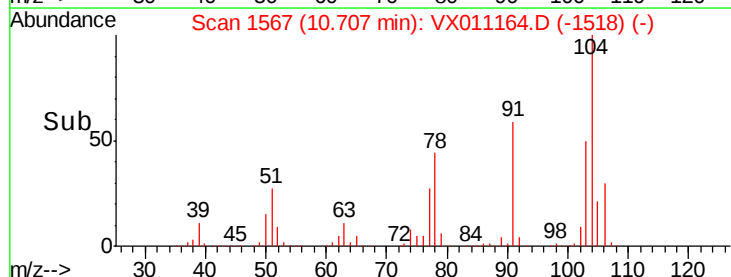
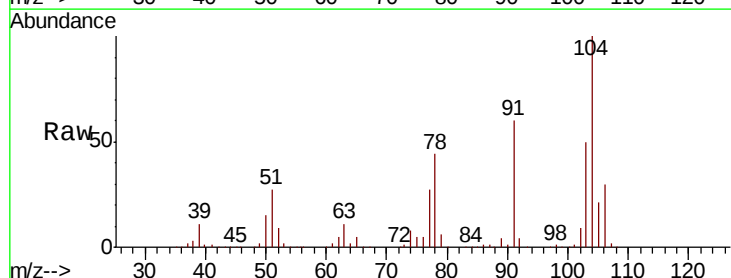
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

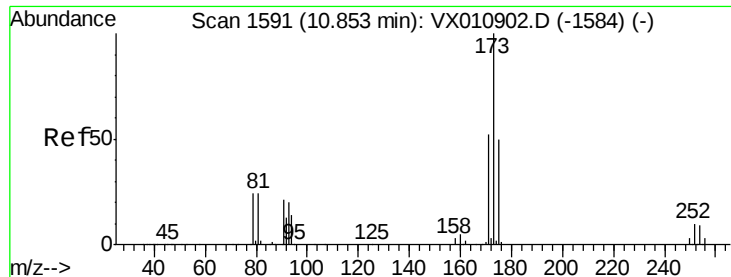
Tot Ion:106 Resp: 62769
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.3



#70
Styrene
Concen: 19.667 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion:104 Resp: 106448
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 18.168 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

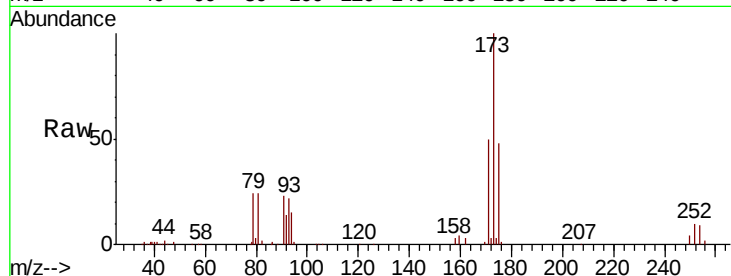
Tot Ion:173 Resp: 26836

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

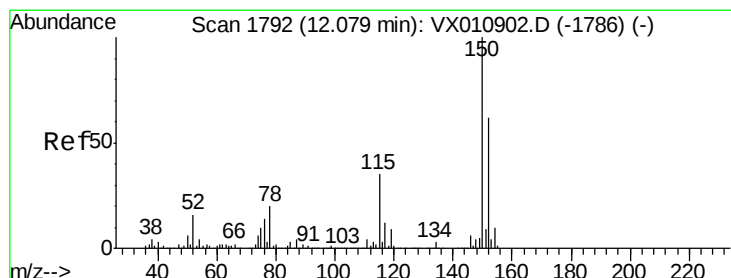
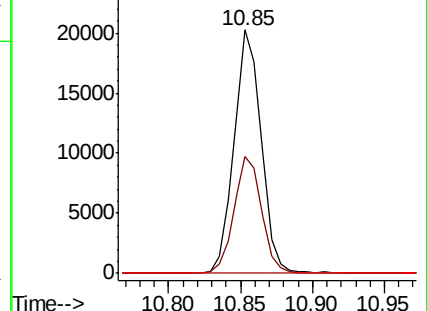
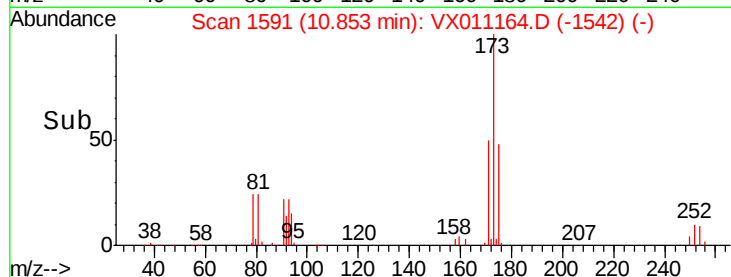
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

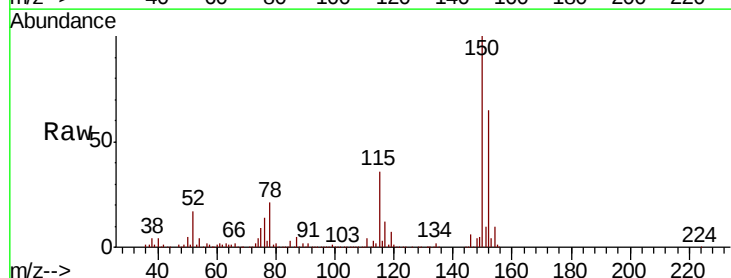
Tgt Ion:152 Resp: 130610

Ion Ratio Lower Upper

152 100

115 65.1 39.7 119.1

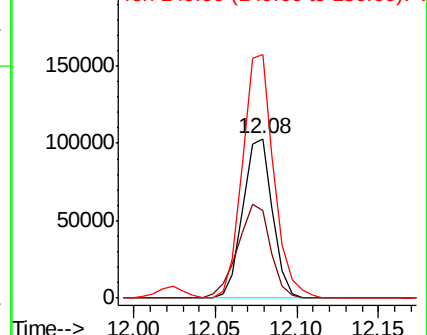
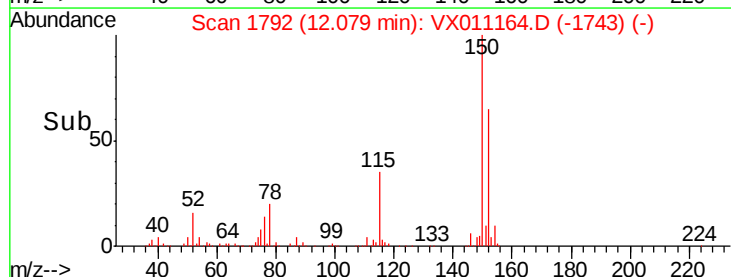
150 160.9 0.0 345.6

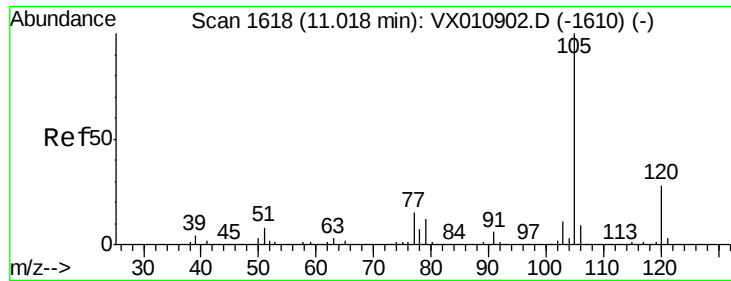


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.340 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

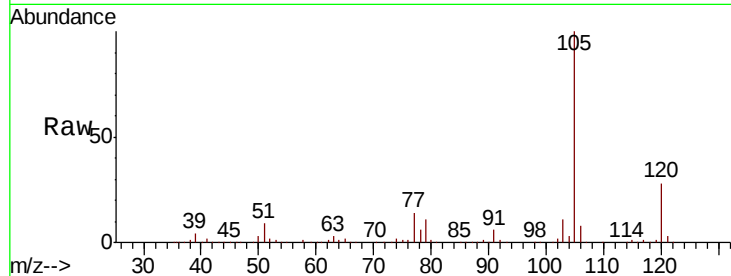
VX0729WBSD02

Tot Ion:105 Resp: 170682

Ion Ratio Lower Upper

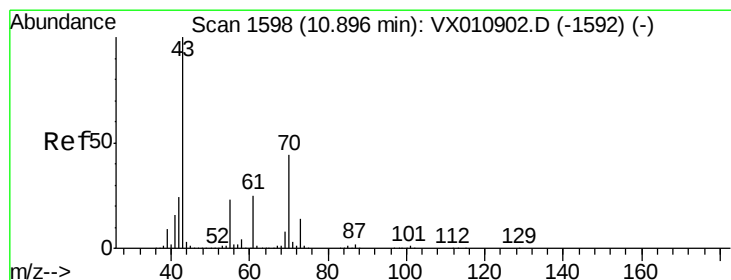
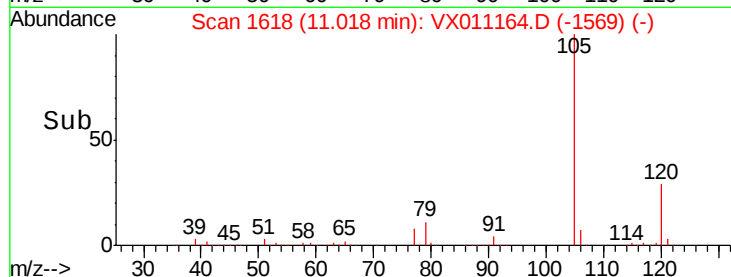
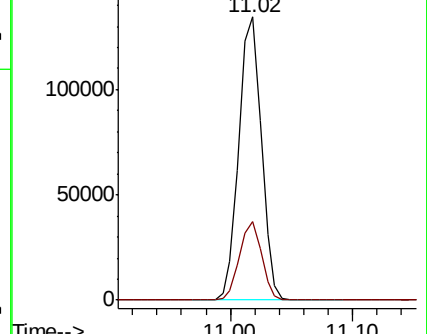
105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.408 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Tgt Ion: 43 Resp: 65444

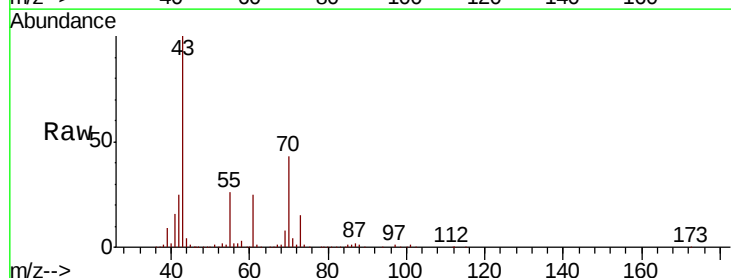
Ion Ratio Lower Upper

43 100

70 43.7 34.7 52.1

55 25.1 19.1 28.7

61 24.5 19.9 29.9

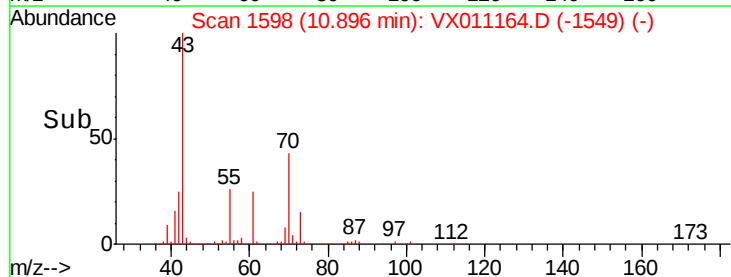
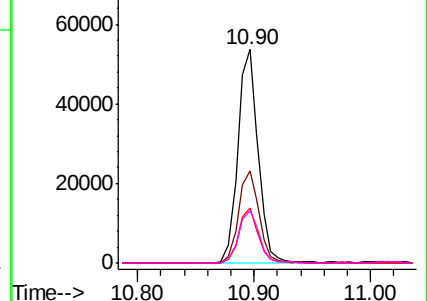


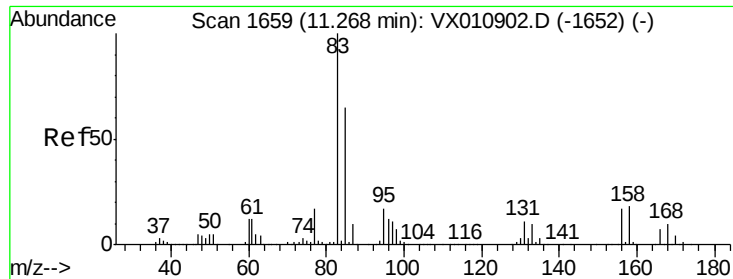
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.391 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

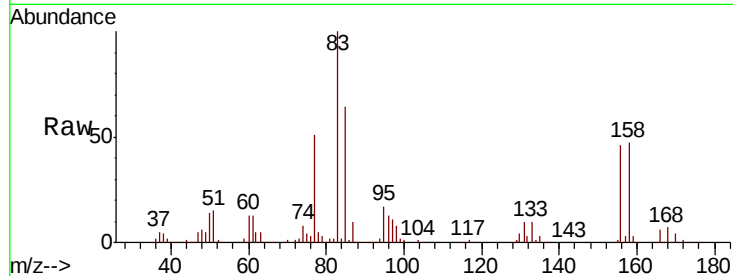
Tot Ion: 83 Resp: 58893

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

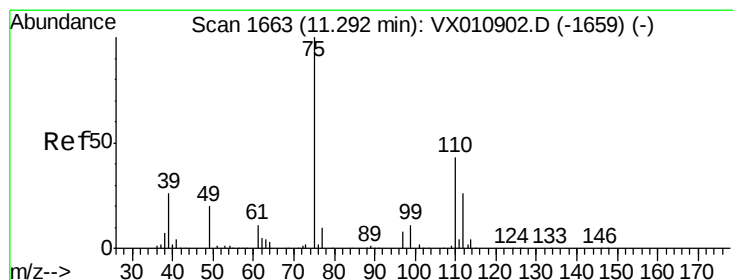
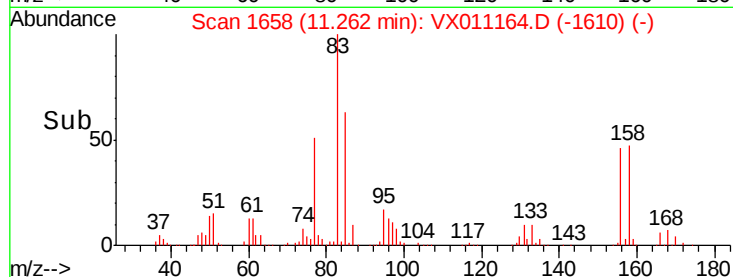
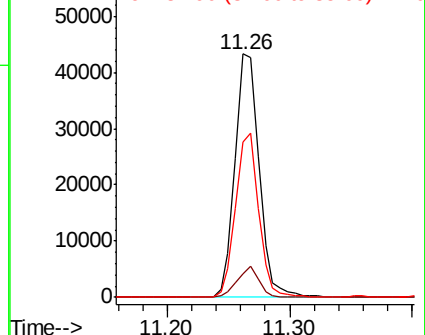
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.652 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011164.D

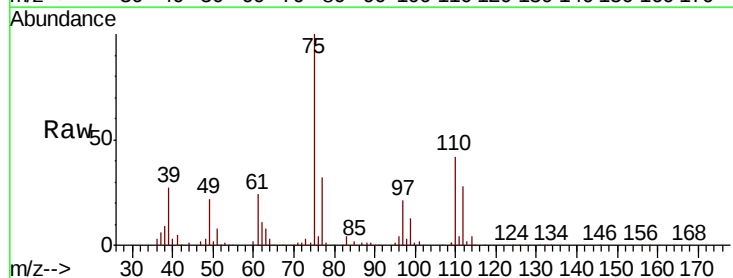
Acq: 29 Jul 2019 23:36

Tgt Ion: 75 Resp: 60459

Ion Ratio Lower Upper

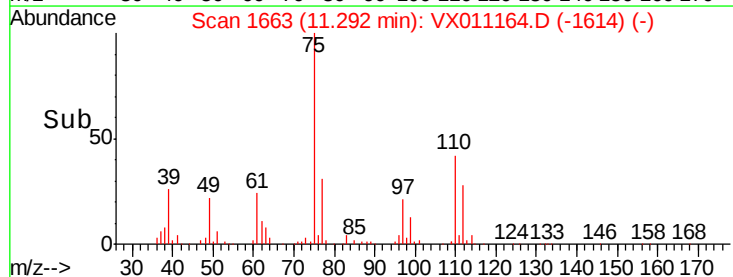
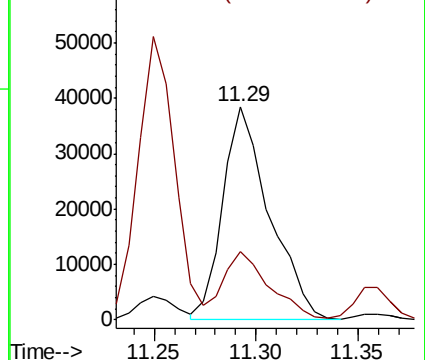
75 100

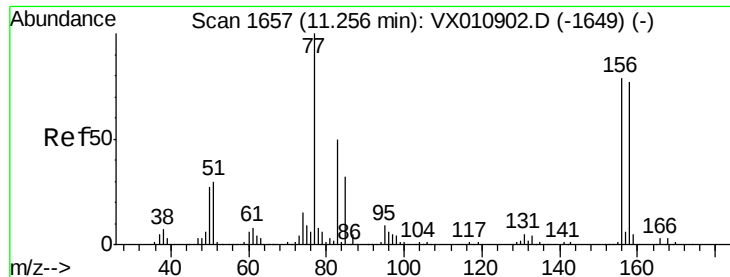
77 32.1 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.261 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

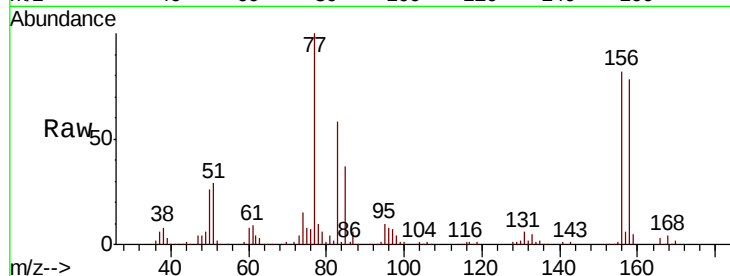
Tot Ion:156 Resp: 46887

Ion Ratio Lower Upper

156 100

77 136.5 68.7 206.1

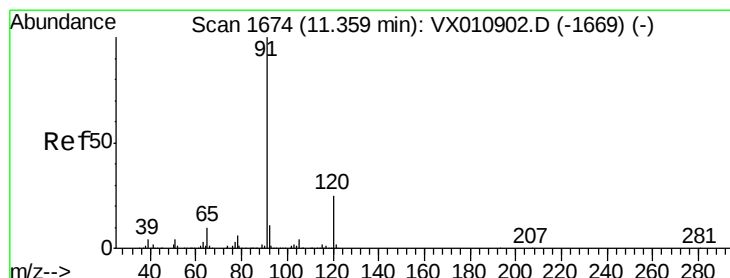
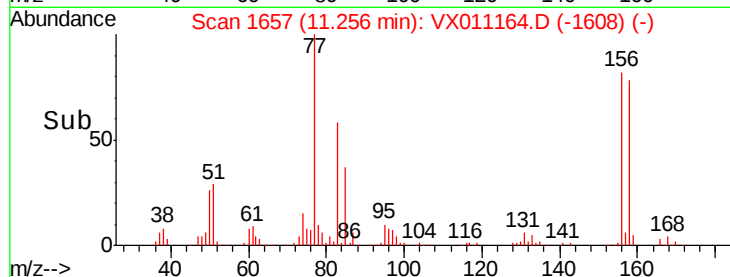
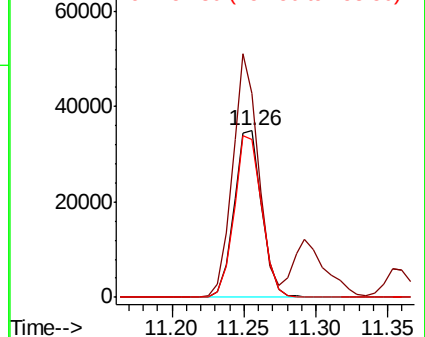
158 97.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.283 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011164.D

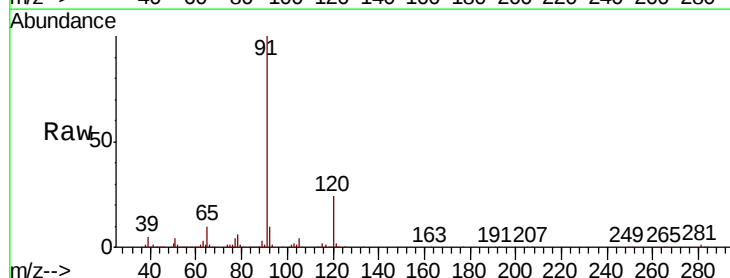
Acq: 29 Jul 2019 23:36

Tgt Ion: 91 Resp: 188037

Ion Ratio Lower Upper

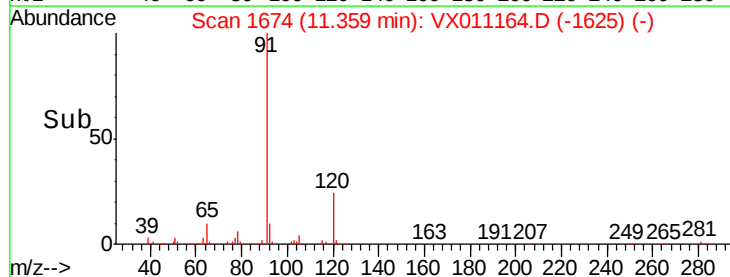
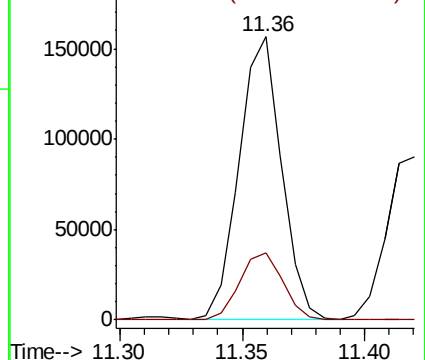
91 100

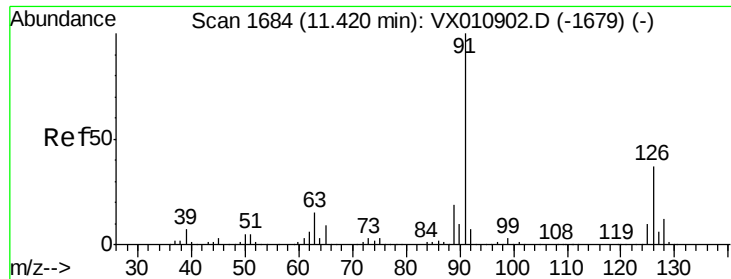
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

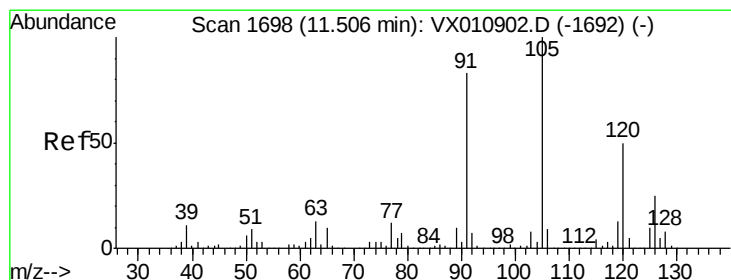
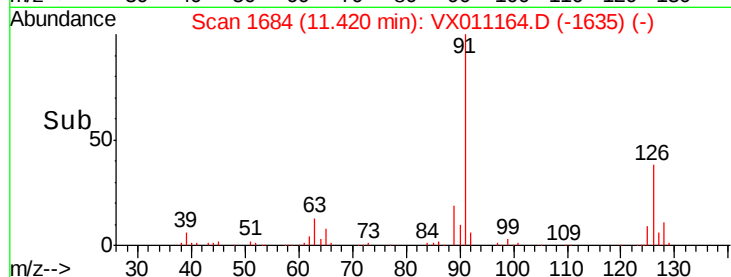
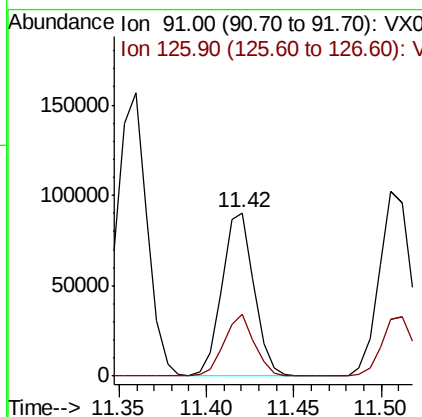
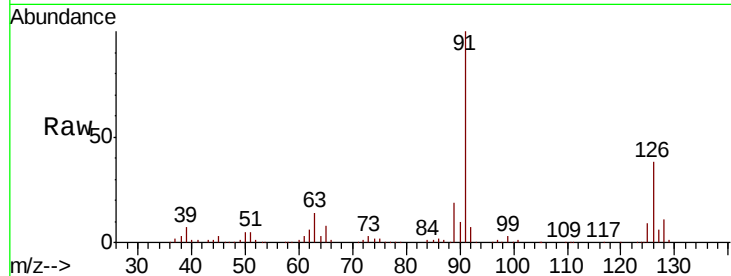




#79
 2-Chlorotoluene
 Concen: 19.512 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

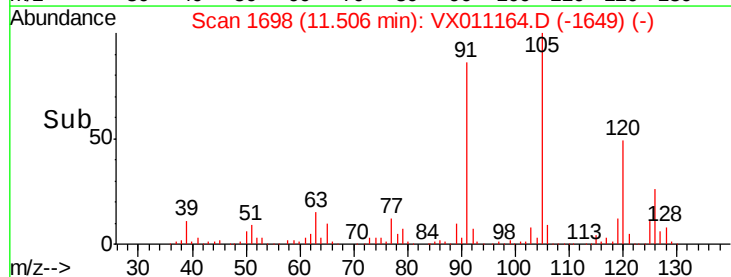
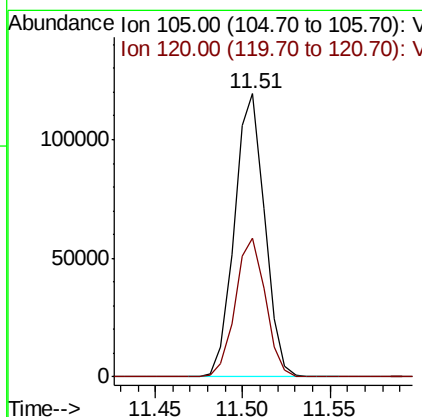
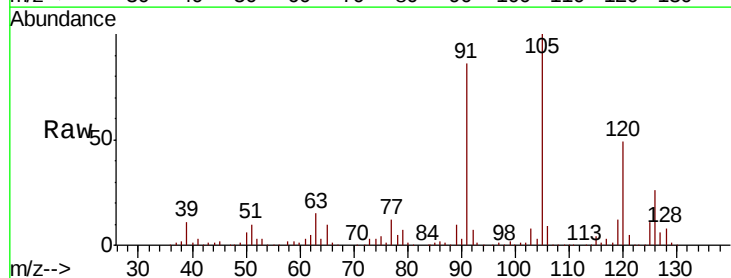
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

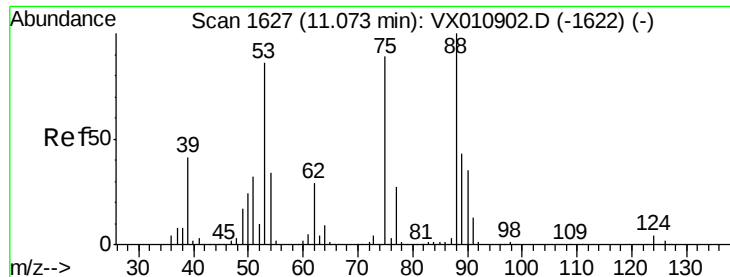
Tot Ion: 91 Resp: 114297
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.477 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion: 105 Resp: 143634
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.818 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

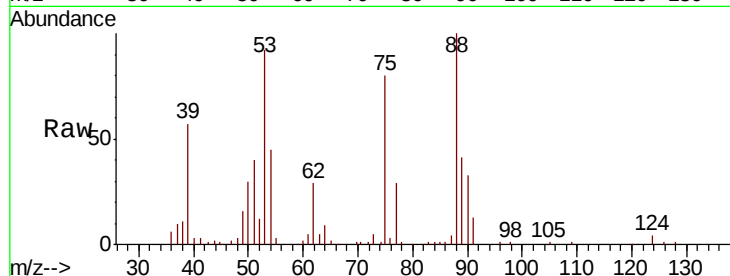
Tot Ion: 75 Resp: 12976

Ion Ratio Lower Upper

75 100

53 111.8 76.7 115.1

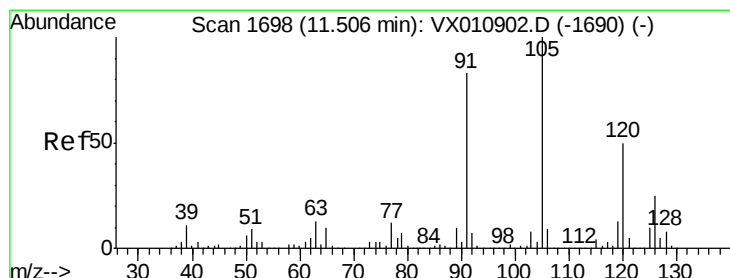
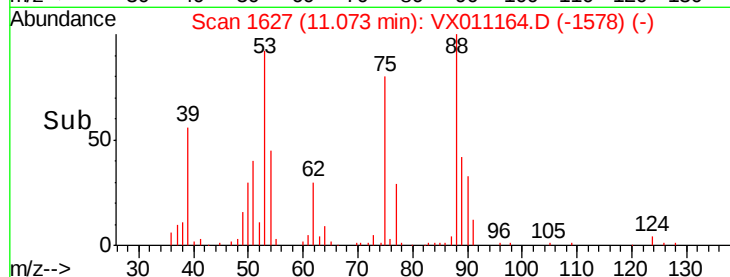
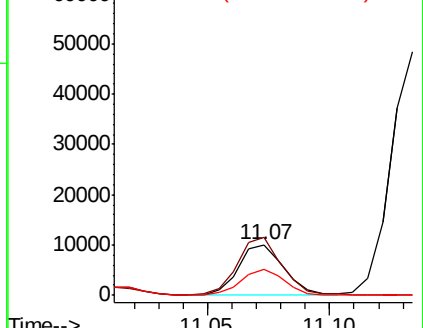
89 50.1 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.198 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011164.D

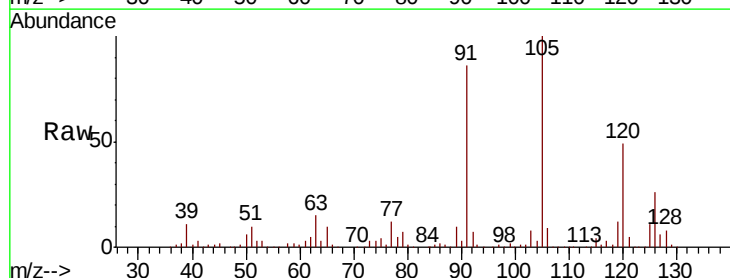
Acq: 29 Jul 2019 23:36

Tgt Ion: 91 Resp: 130886

Ion Ratio Lower Upper

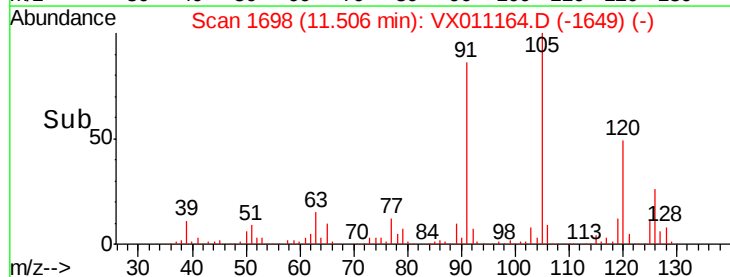
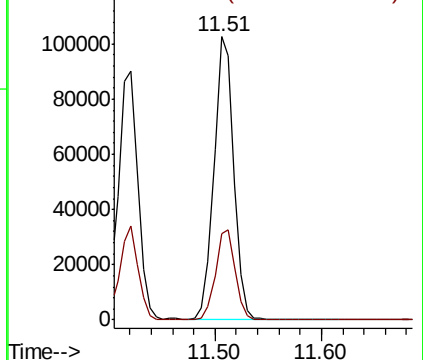
91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

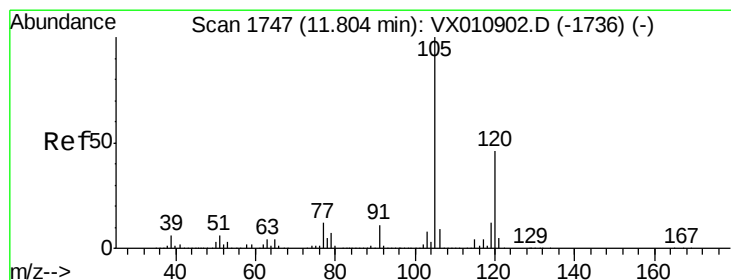
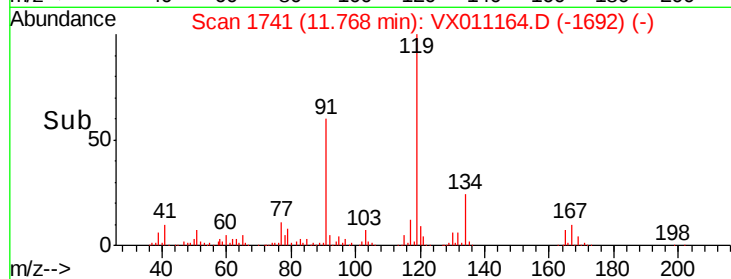
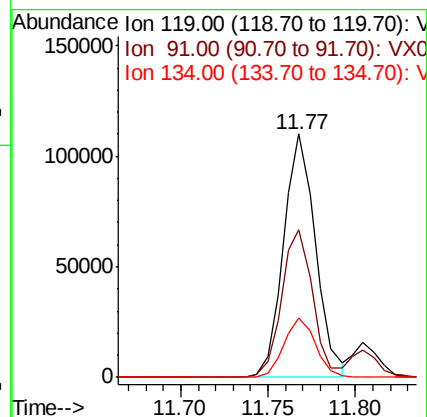
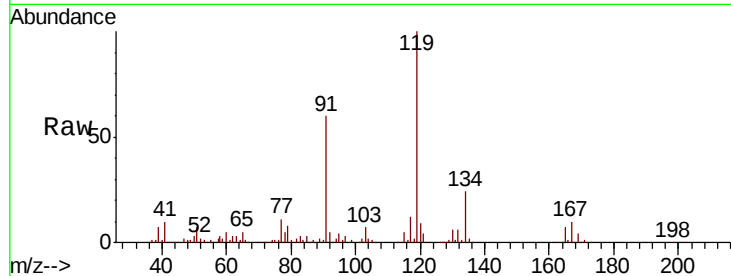




#83
tert-Butylbenzene
Concen: 19.442 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

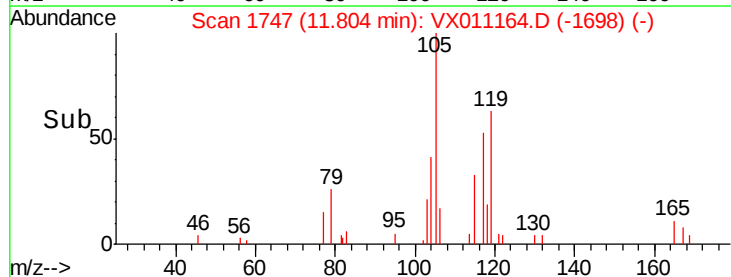
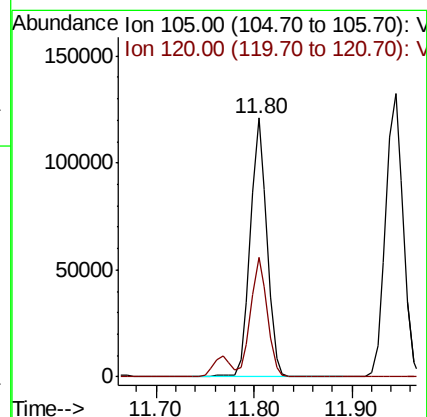
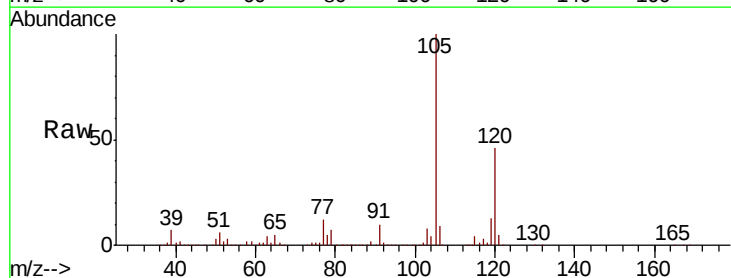
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

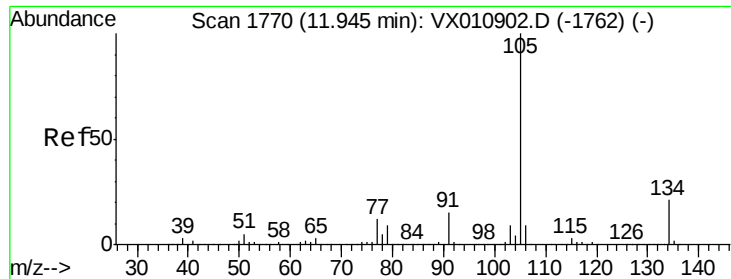
Tot Ion:119 Resp: 140826
Ion Ratio Lower Upper
119 100
91 59.2 28.6 85.8
134 24.1 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.240 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion:105 Resp: 143004
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.433 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

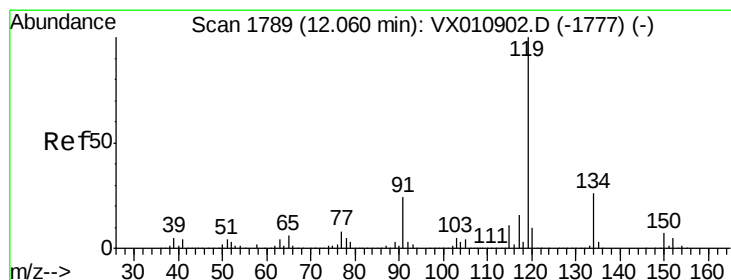
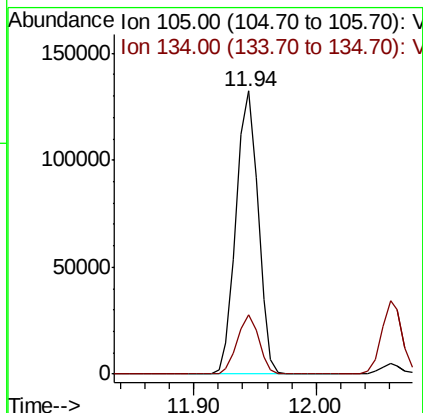
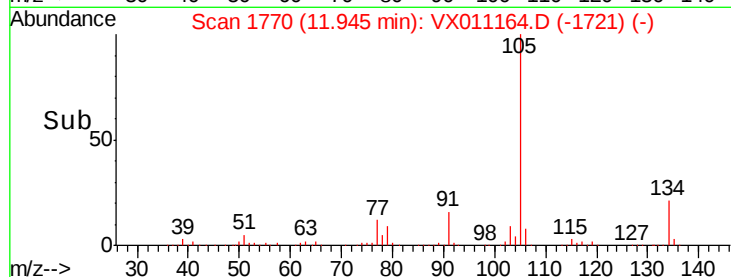
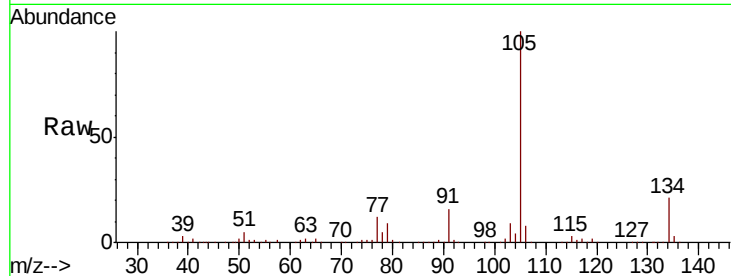
VX0729WBSD02

Tot Ion:105 Resp: 164938

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.410 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

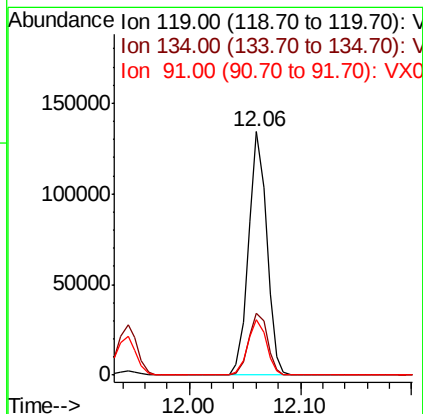
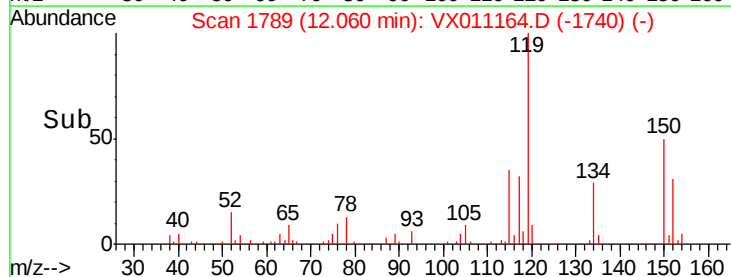
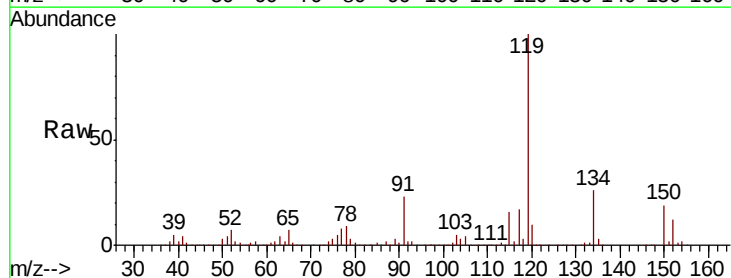
Tgt Ion:119 Resp: 152301

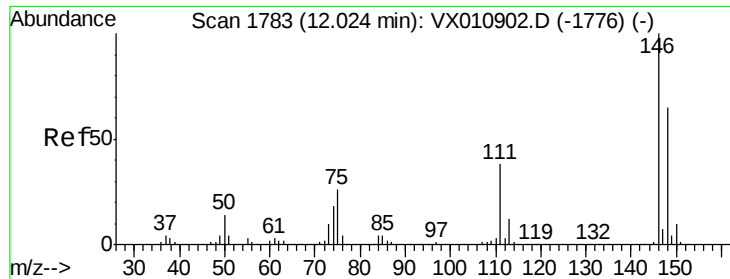
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.4 11.8 35.4

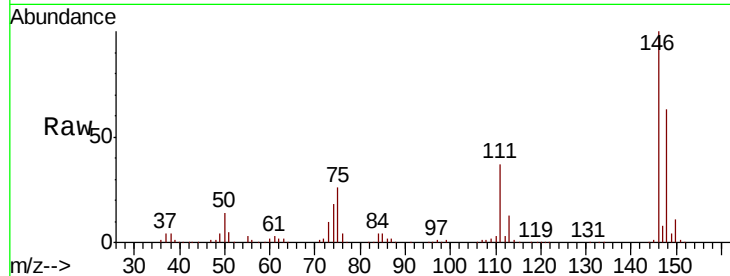




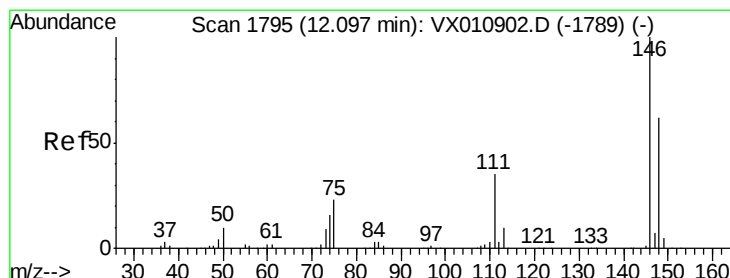
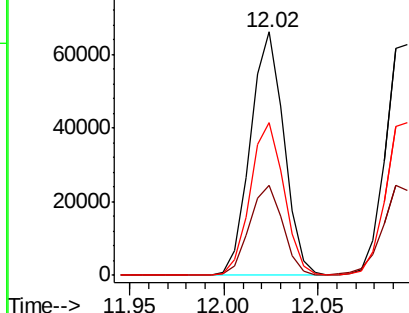
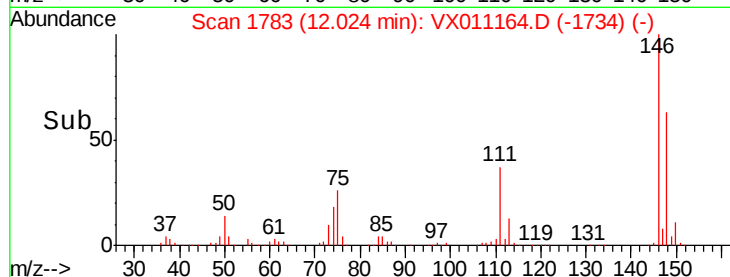
#87
 1,3-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

Tot Ion:146 Resp: 81885
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 62.9 32.2 96.6

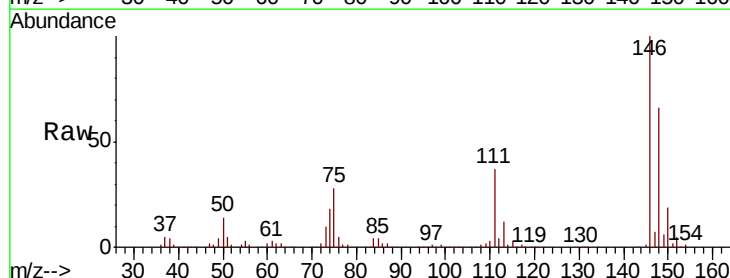


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

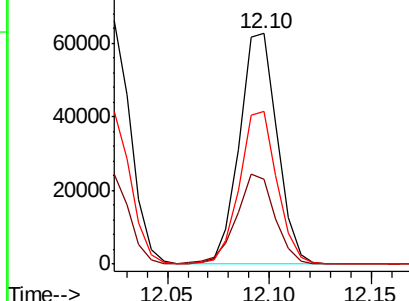
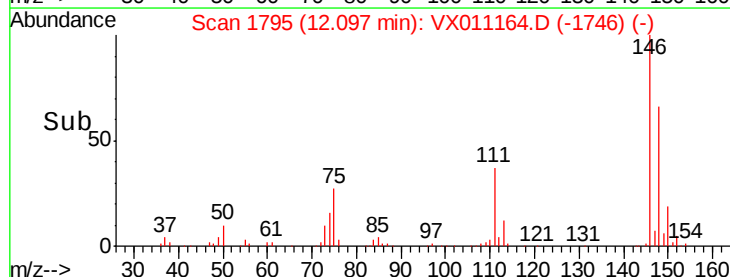


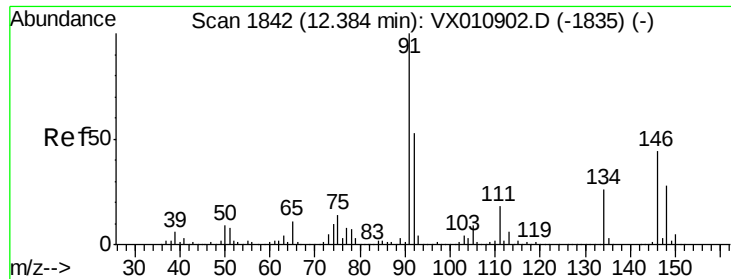
#88
 1,4-Dichlorobenzene
 Concen: 18.623 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion:146 Resp: 80689
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.6 55.8
 148 65.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

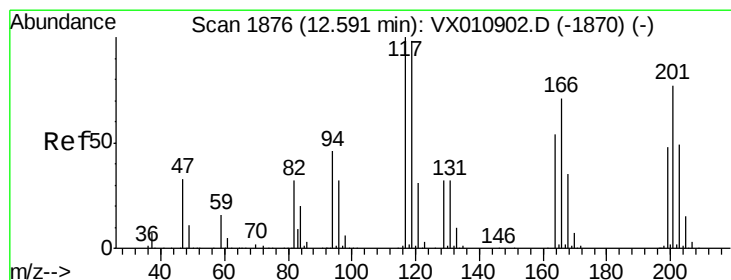
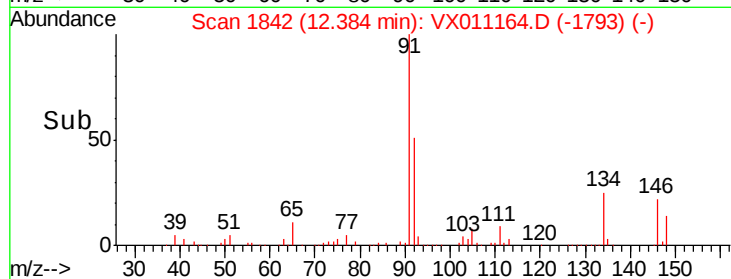
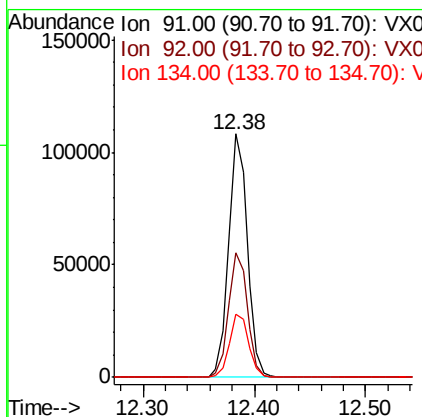
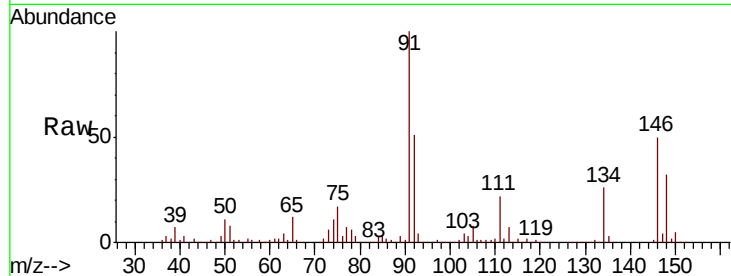




#89
n-Butylbenzene
Concen: 18.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

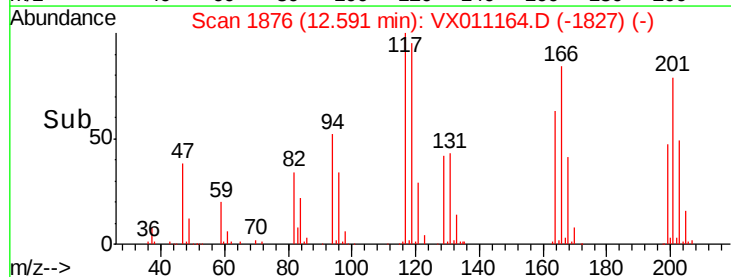
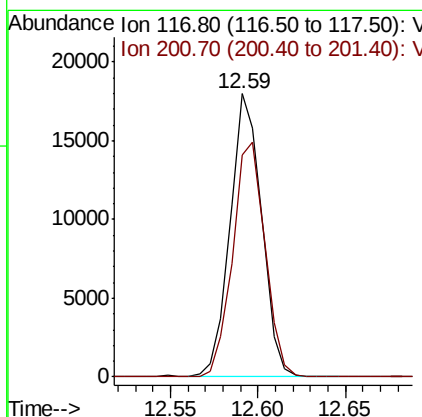
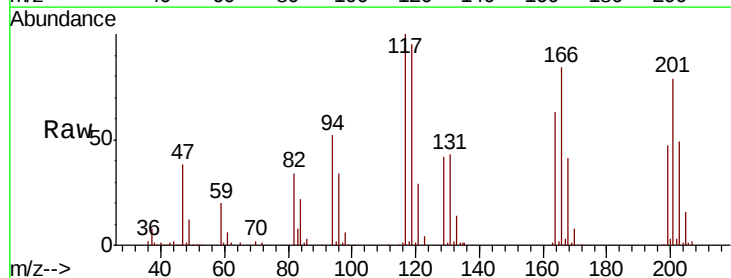
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD02

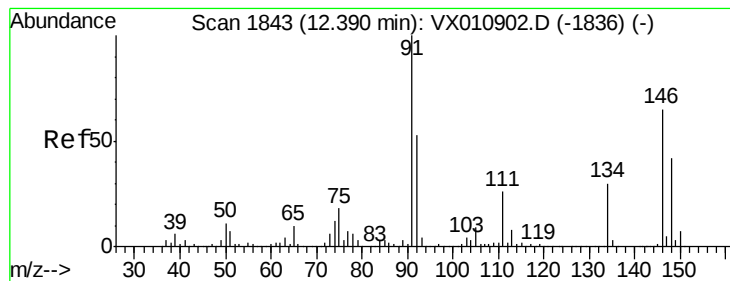
Tot Ion: 91 Resp: 126019
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 26.7 13.8 41.3



#90
Hexachloroethane
Concen: 18.197 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011164.D
Acq: 29 Jul 2019 23:36

Tgt Ion: 117 Resp: 22521
Ion Ratio Lower Upper
117 100
201 85.4 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 20.014 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

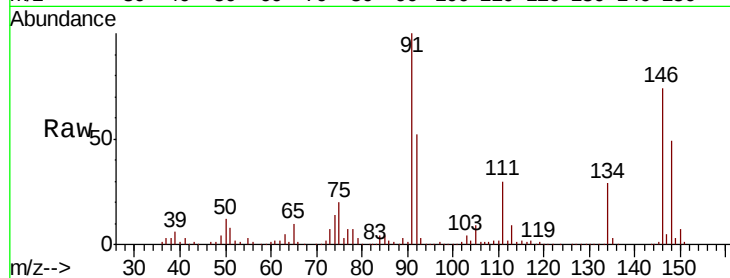
Tot Ion:146 Resp: 83796

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

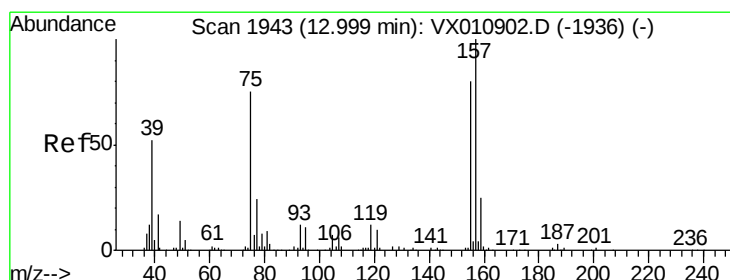
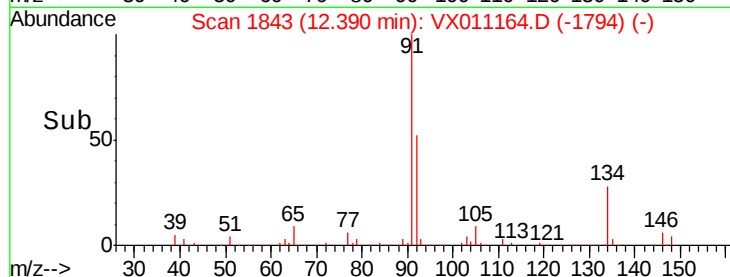
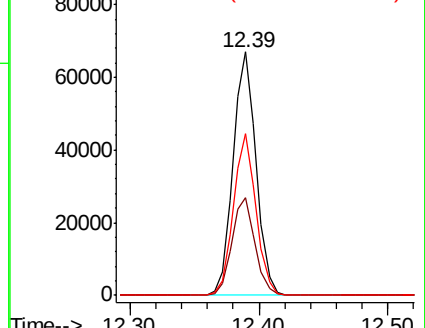
148 65.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.018 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

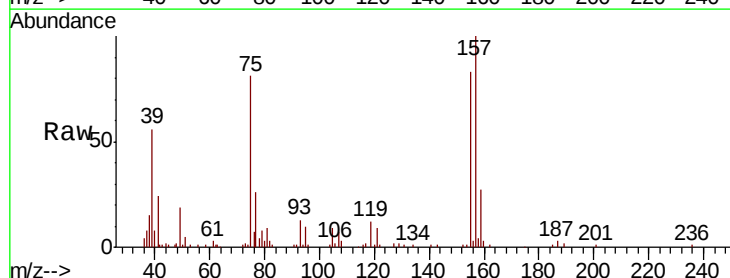
Tgt Ion: 75 Resp: 12689

Ion Ratio Lower Upper

75 100

155 93.3 48.7 146.1

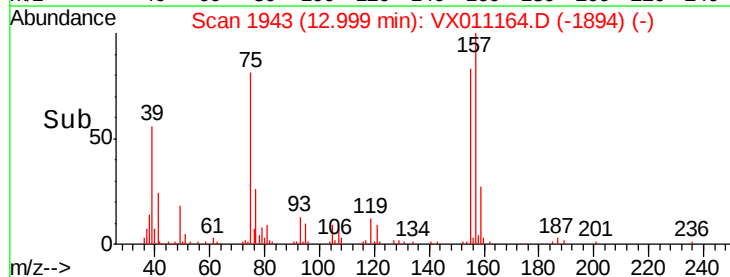
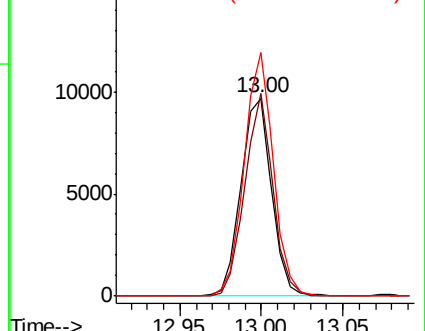
157 116.7 62.5 187.6

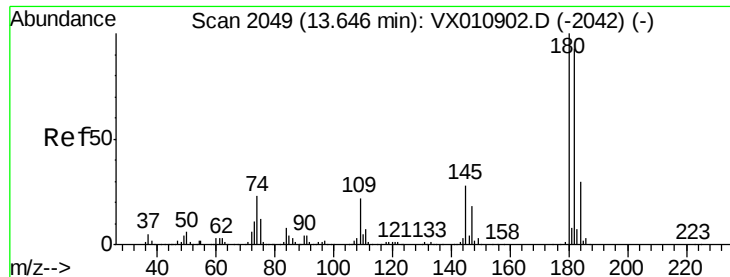


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

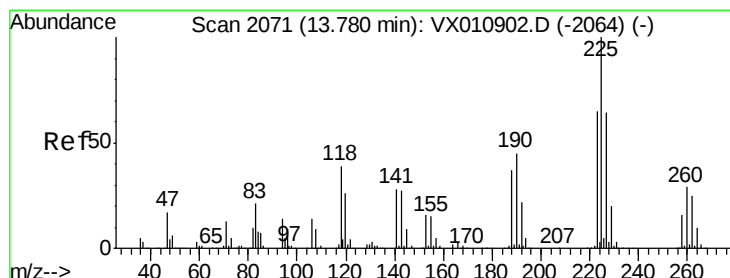
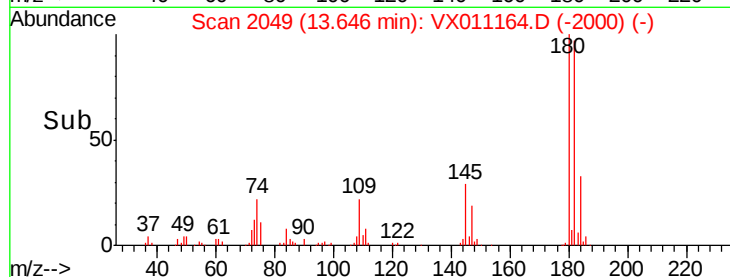
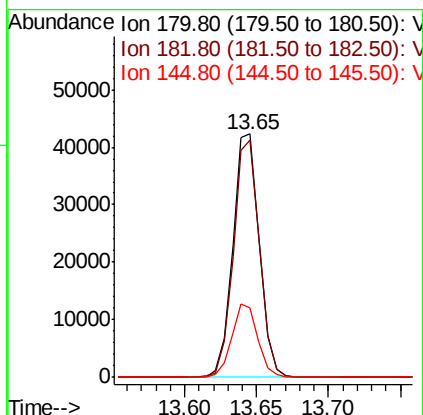
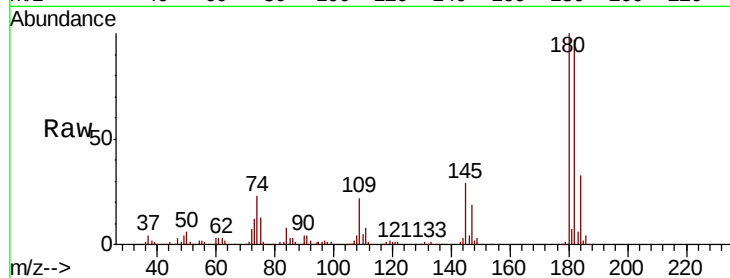




#93
 1,2,4-Trichlorobenzene
 Concen: 19.180 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

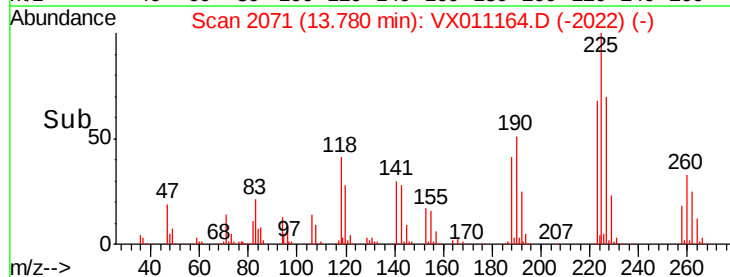
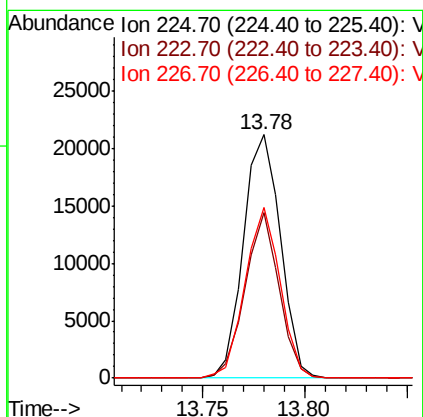
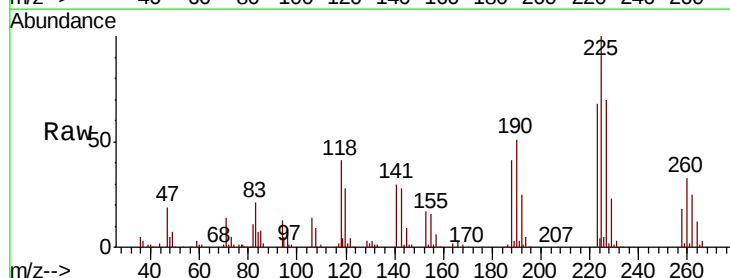
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD02

Tot Ion:180 Resp: 54424
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.1 141.3
 145 29.5 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.116 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011164.D
 Acq: 29 Jul 2019 23:36

Tgt Ion:225 Resp: 26880
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.9
 227 66.2 32.5 97.4





#95

Naphthalene

Concen: 20.939 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD02

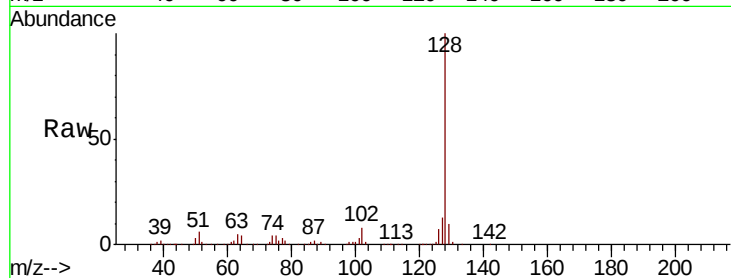
Tot Ion:128 Resp: 175447

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

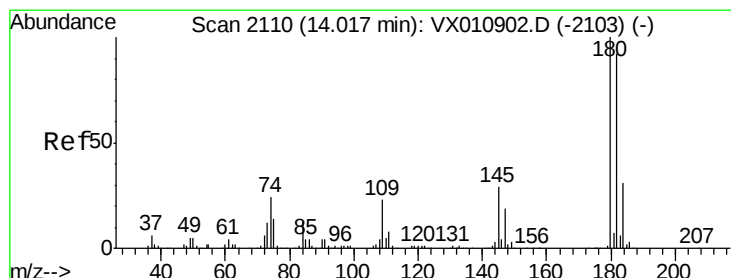
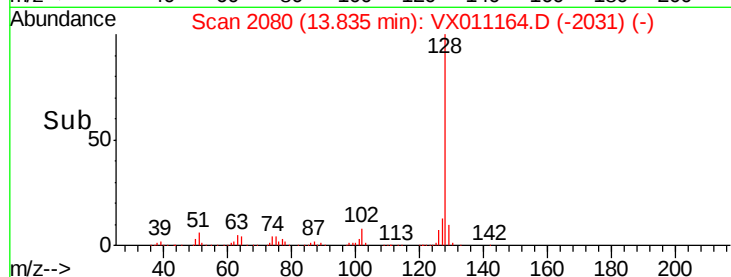
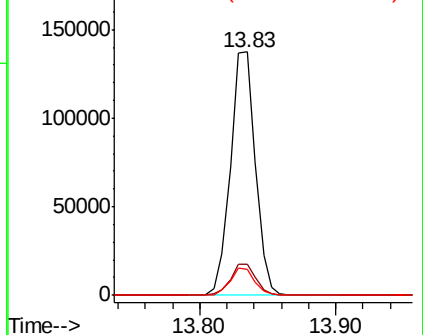
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.519 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011164.D

Acq: 29 Jul 2019 23:36

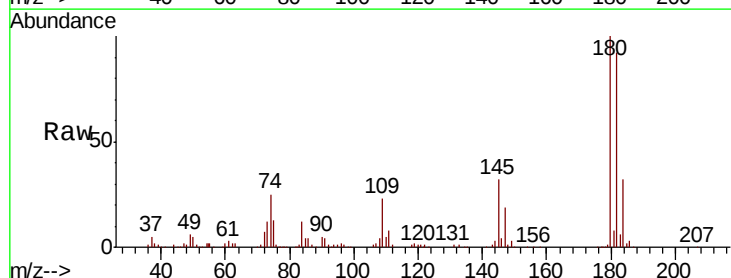
Tgt Ion:180 Resp: 57931

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 30.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

