

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009936.D
 Acq On : 29 May 2019 13:42
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Quant Time: May 30 01:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113690	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	80765	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	331847	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	118786	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44017	22.260	ug/l	99
3) Chloromethane	1.32	50	54693	20.574	ug/l	98
4) Vinyl Chloride	1.41	62	48191	20.109	ug/l	98
5) Bromomethane	1.64	94	26644	18.351	ug/l	97
6) Chloroethane	1.72	64	27931	18.934	ug/l	98
7) Trichlorofluoromethane	1.93	101	54399	20.542	ug/l	98
8) Diethyl Ether	2.19	74	23167	18.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31855	19.924	ug/l	98
10) Methyl Iodide	2.51	142	34749	20.574	ug/l	99
11) Tert butyl alcohol	3.04	59	59099	105.056	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32035	19.548	ug/l	94
13) Acrolein	2.29	56	34590	100.523	ug/l	100
14) Allyl chloride	2.73	41	78872	19.802	ug/l	99
15) Acrylonitrile	3.14	53	133922	98.803	ug/l	100
16) Acetone	2.45	43	125730	95.199	ug/l	99
17) Carbon Disulfide	2.57	76	96836	19.749	ug/l	98
18) Methyl Acetate	2.78	43	60643	19.733	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	119001	19.234	ug/l	99
20) Methylene Chloride	2.85	84	38624	19.097	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34882	19.130	ug/l	96
22) Diisopropyl ether	3.85	45	153319	20.230	ug/l	98
23) Vinyl Acetate	3.82	43	683078	100.331	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72476	19.734	ug/l	100
25) 2-Butanone	4.68	43	205143	99.698	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50319	18.112	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	40194	19.096	ug/l	100
28) Bromochloromethane	5.02	49	34270	17.981	ug/l	98
29) Tetrahydrofuran	5.13	42	133305	101.028	ug/l	99
30) Chloroform	5.21	83	65285	19.710	ug/l	99
31) Cyclohexane	5.58	56	69663	20.026	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	53692	19.904	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49897	19.098	ug/l	100
37) Ethyl Acetate	4.84	43	74721	20.526	ug/l	99
38) Carbon Tetrachloride	5.79	117	44169	19.564	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052919\
 Data File : VX009936.D
 Acq On : 29 May 2019 13:42
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Quant Time: May 30 01:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61537	19.857	ug/l	99
40) Benzene	6.14	78	154613	19.950	ug/l	99
41) Methacrylonitrile	5.04	41	42469	19.965	ug/l	99
42) 1,2-Dichloroethane	6.20	62	56984	19.888	ug/l	99
43) Isopropyl Acetate	6.45	43	114611	19.512	ug/l	99
44) Trichloroethene	7.21	130	35972	19.108	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44117	19.774	ug/l	100
46) Dibromomethane	7.66	93	24638	18.761	ug/l	100
47) Bromodichloromethane	7.90	83	49814	19.947	ug/l	97
48) Methyl methacrylate	7.77	41	56889	19.564	ug/l	100
49) 1,4-Dioxane	7.74	88	22579	417.455	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	389095	101.830	ug/l	100
52) Toluene	8.79	92	93956	19.967	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55792	18.629	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62340	19.104	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	37445	19.771	ug/l	98
56) Ethyl methacrylate	9.18	69	67730	20.087	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67208	19.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	173785	98.289	ug/l	100
59) 2-Hexanone	9.49	43	305406	103.815	ug/l	99
60) Dibromochloromethane	9.58	129	36648	19.671	ug/l	100
61) 1,2-Dibromoethane	9.67	107	37536	19.291	ug/l	100
64) Tetrachloroethene	9.34	164	33847	20.739	ug/l	98
65) Chlorobenzene	10.14	112	95612	19.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33455	19.719	ug/l	98
67) Ethyl Benzene	10.25	91	177630	20.225	ug/l	99
68) m/p-Xylenes	10.36	106	129543	39.925	ug/l	100
69) o-Xylene	10.69	106	62482	20.079	ug/l	100
70) Styrene	10.71	104	108185	19.827	ug/l	99
71) Bromoform	10.85	173	27002	19.471	ug/l #	98
73) Isopropylbenzene	11.02	105	169031	20.225	ug/l	99
74) N-amyl acetate	10.90	43	100420	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62290	19.977	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	72323	26.700	ug/l	81
77) Bromobenzene	11.26	156	41583	19.523	ug/l	98
78) n-propylbenzene	11.36	91	195348	20.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	116650	19.819	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	142507	20.240	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19701	17.995	ug/l	94
82) 4-Chlorotoluene	11.51	91	132779	19.379	ug/l	99
83) tert-Butylbenzene	11.77	119	133788	19.861	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143618	20.085	ug/l	99
85) sec-Butylbenzene	11.94	105	161758	20.185	ug/l	100
86) p-Isopropyltoluene	12.06	119	146530	20.328	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73409	19.359	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74369	19.231	ug/l	100
89) n-Butylbenzene	12.38	91	134564	19.864	ug/l	99
90) Hexachloroethane	12.59	117	24349	19.683	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74441	19.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14456	19.697	ug/l	97

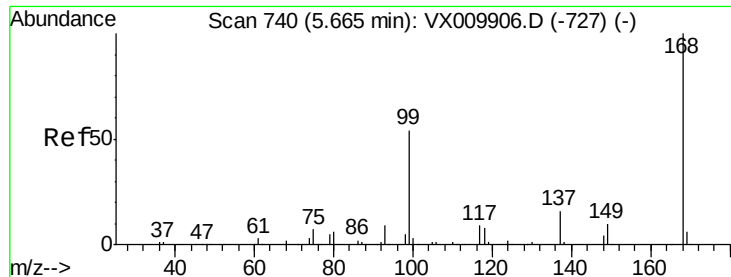
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
Data File : VX009936.D
Acq On : 29 May 2019 13:42
Operator : JC/SP
Sample : VX0529WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Quant Time: May 30 01:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51374	19.229	ug/l	99
94) Hexachlorobutadiene	13.78	225	26689	19.916	ug/l	98
95) Naphthalene	13.83	128	167545	20.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52840	19.758	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

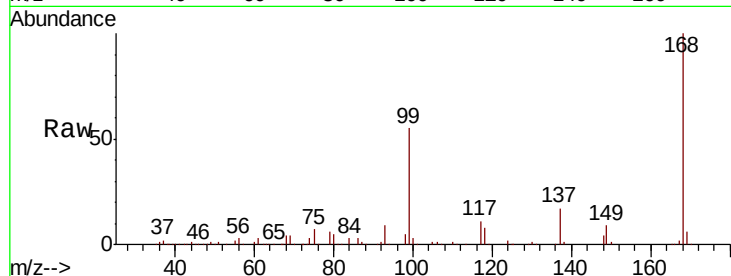
VX0529WBSD01

Tot Ion:168 Resp: 161820

Ion Ratio Lower Upper

168 100

99 54.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

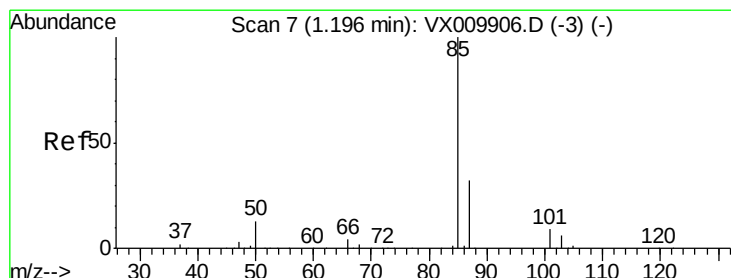
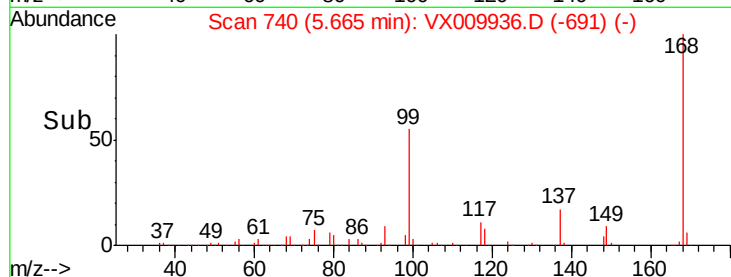
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.260 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009936.D

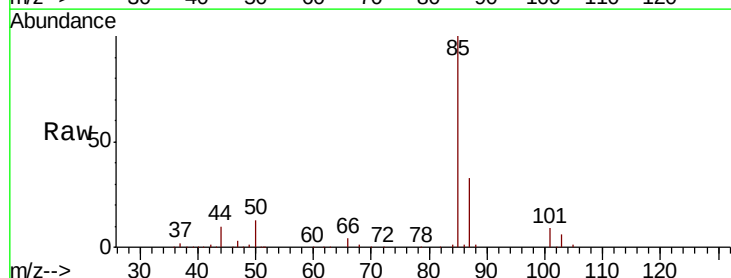
Acq: 29 May 2019 13:42

Tgt Ion: 85 Resp: 44017

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

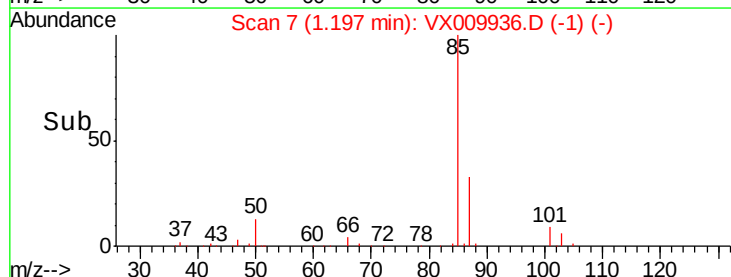
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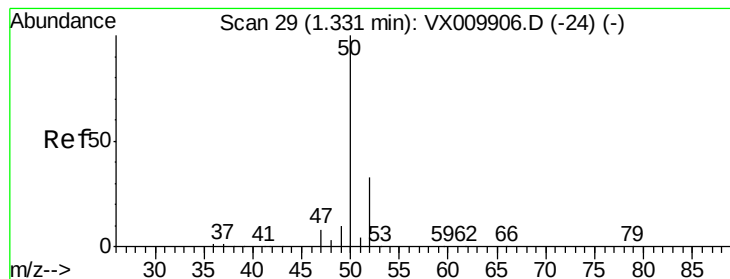
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.574 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

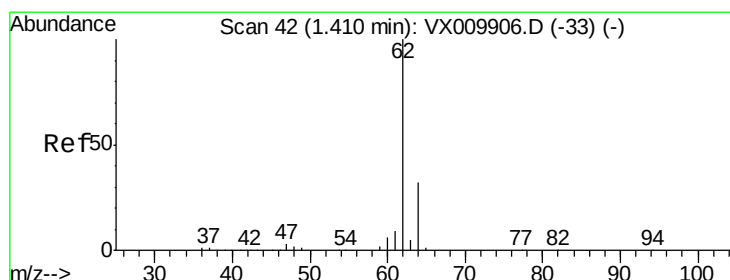
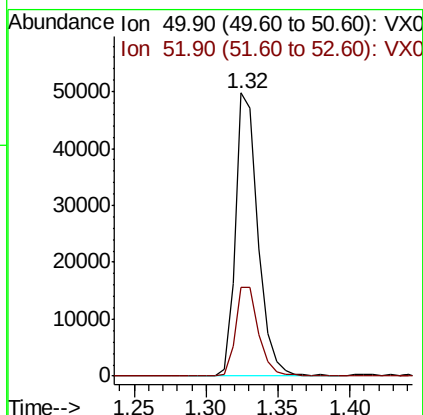
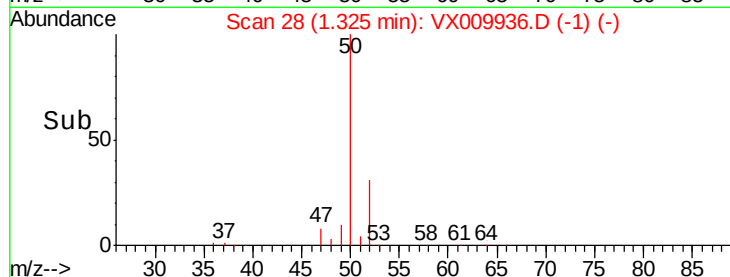
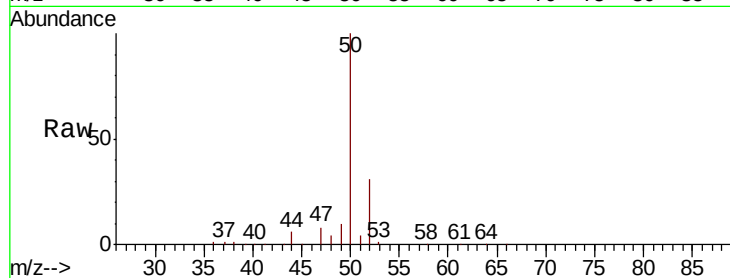
VX0529WBSD01

Tot Ion: 50 Resp: 54693

Ion Ratio Lower Upper

50 100

52 31.4 26.0 39.0



#4

Vinyl Chloride

Concen: 20.109 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009936.D

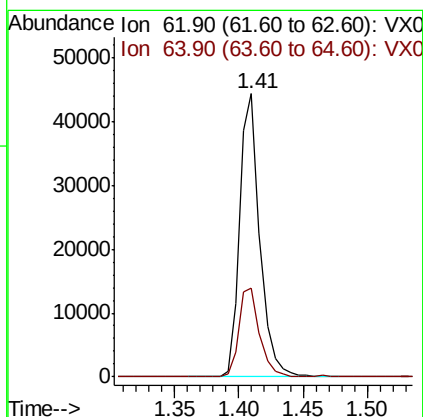
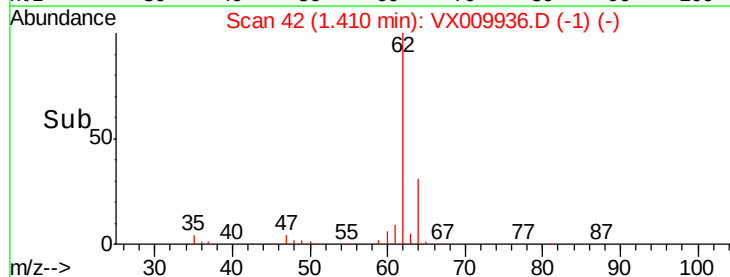
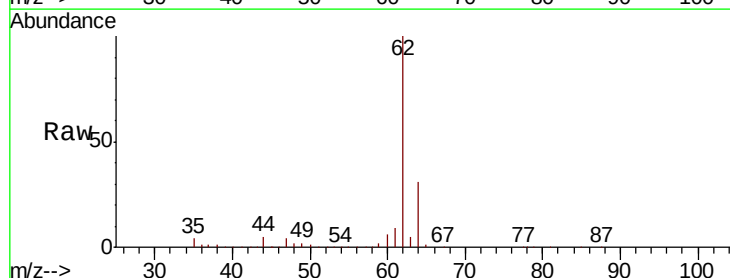
Acq: 29 May 2019 13:42

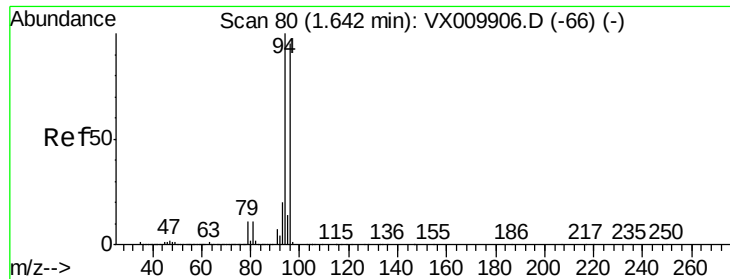
Tgt Ion: 62 Resp: 48191

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 18.351 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

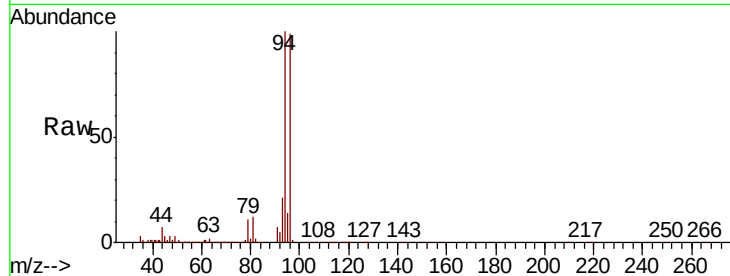
VX0529WBSD01

Tot Ion: 94 Resp: 26644

Ion Ratio Lower Upper

94 100

96 98.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

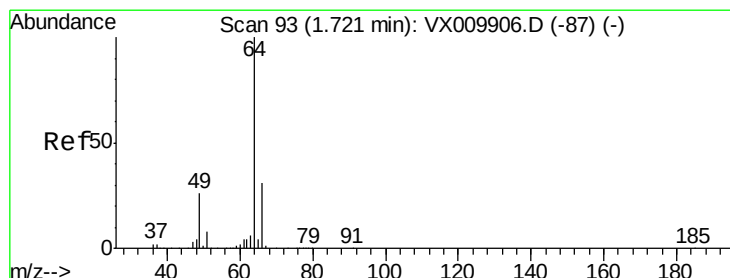
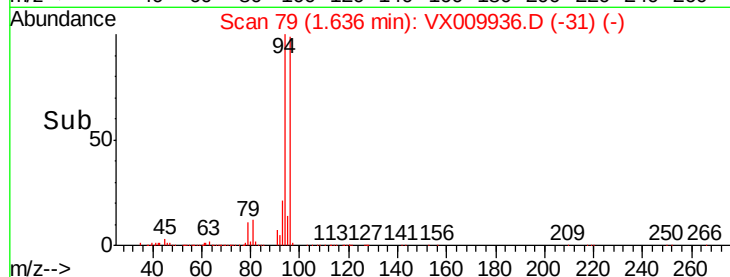
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 18.934 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009936.D

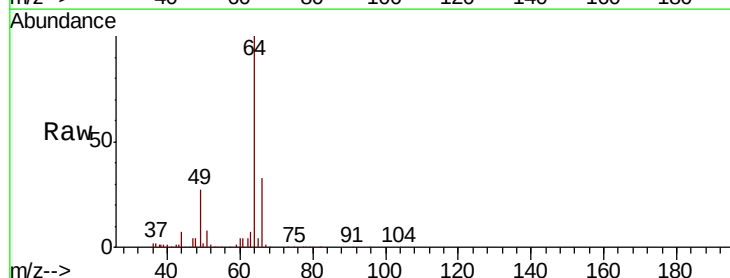
Acq: 29 May 2019 13:42

Tgt Ion: 64 Resp: 27931

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

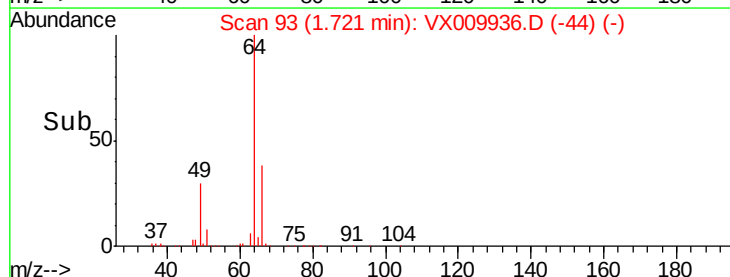
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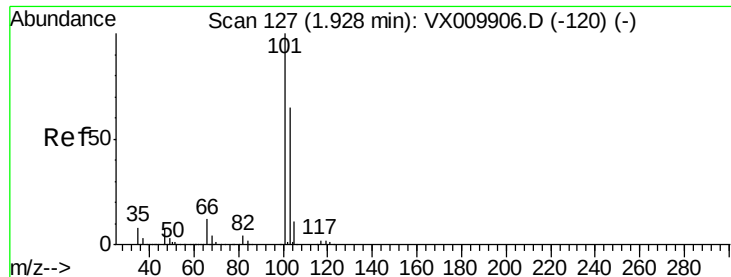
5000

0

Time-->

1.60 1.70 1.80



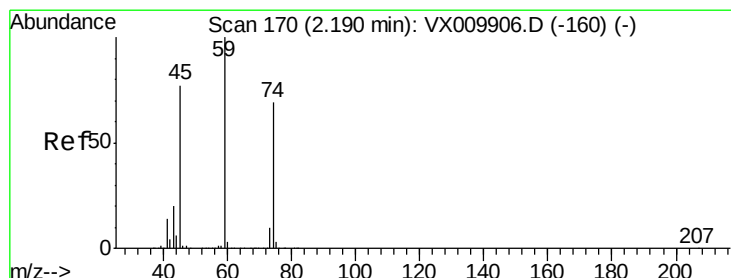
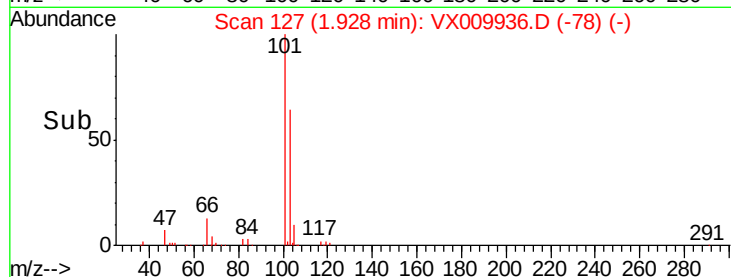
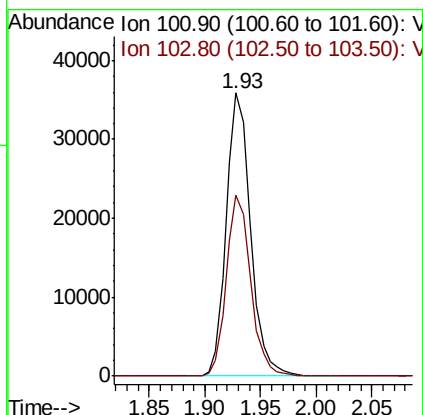
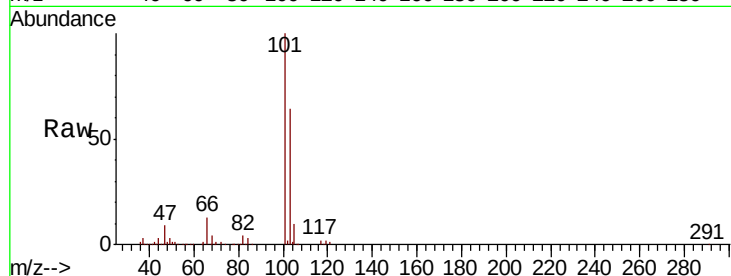


#7

Trichlorofluoromethane
Concen: 20.542 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

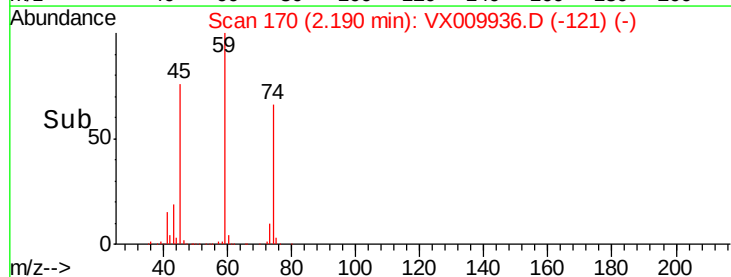
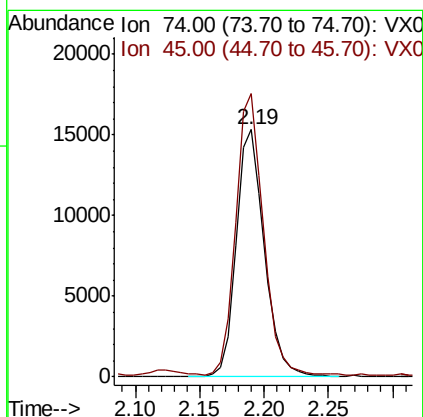
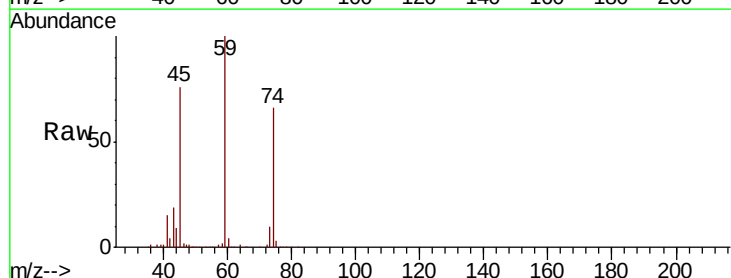
Tot Ion:101 Resp: 54399
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

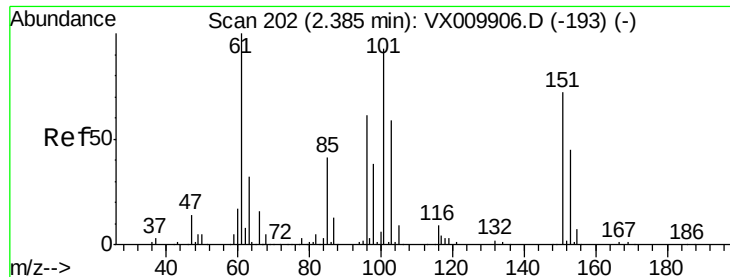


#8

Diethyl Ether
Concen: 18.616 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 74 Resp: 23167
Ion Ratio Lower Upper
74 100
45 111.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.924 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

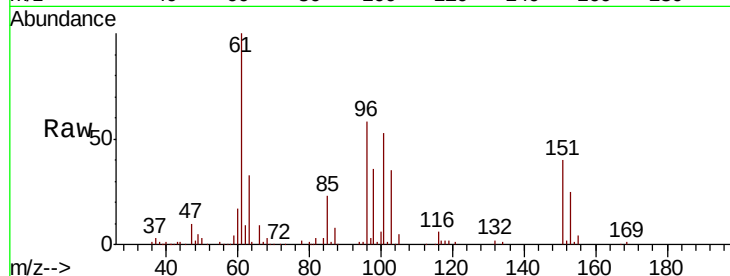
Tot Ion:101 Resp: 31855

Ion Ratio Lower Upper

101 100

85 45.1 35.2 52.8

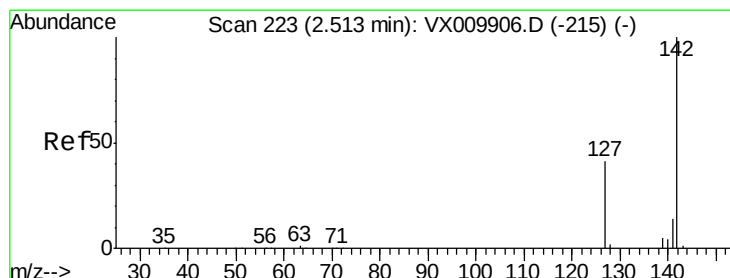
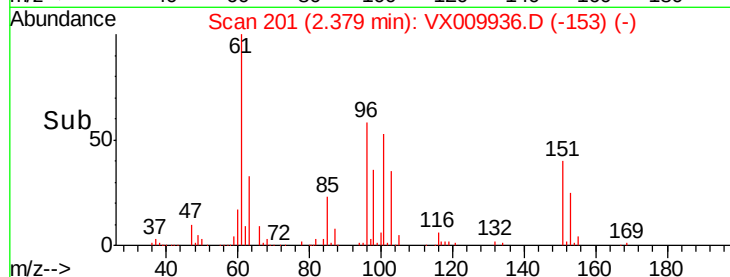
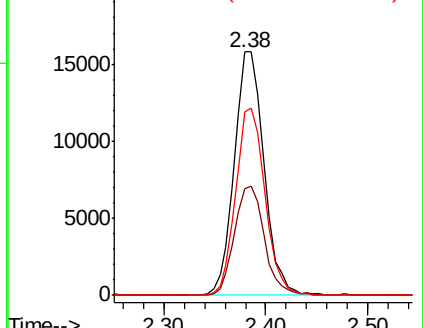
151 75.8 61.9 92.9



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: 20.574 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

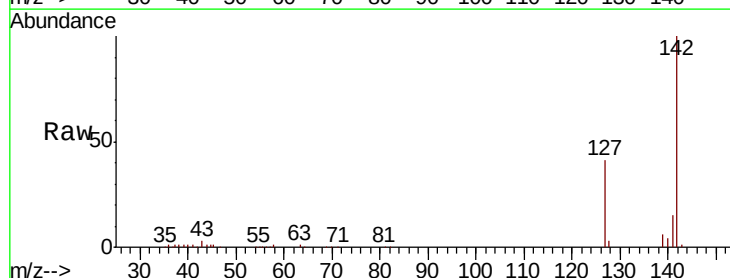
Tgt Ion:142 Resp: 34749

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.4

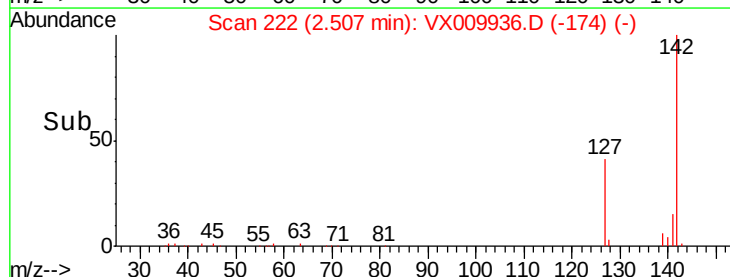
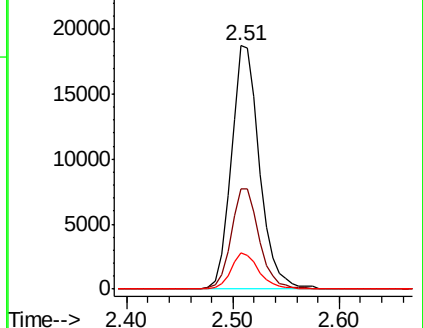
141 14.8 11.4 17.0

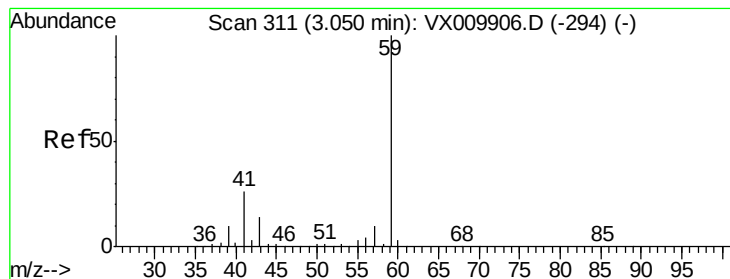


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



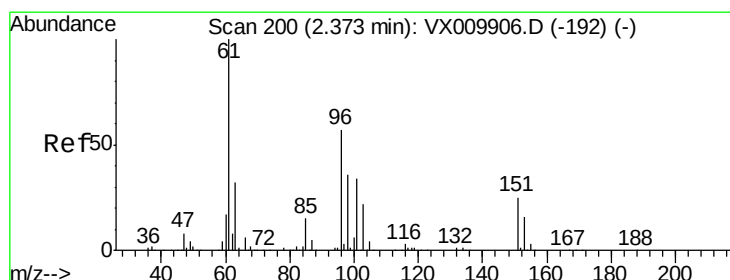
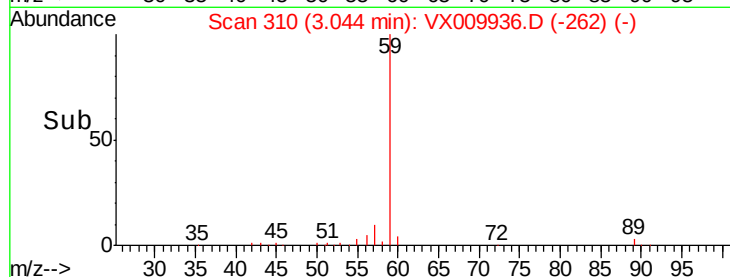
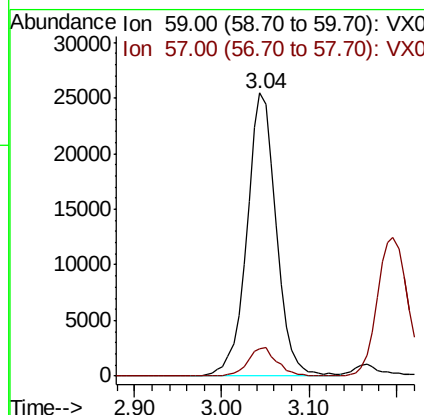
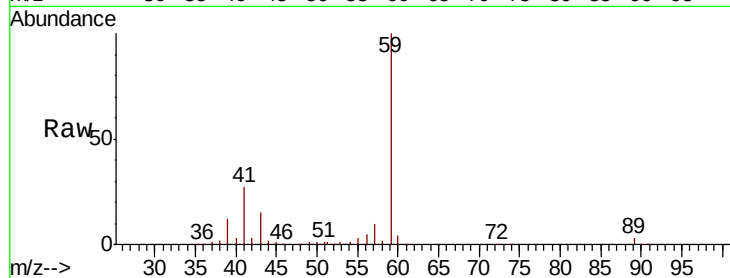


#11

Tert butyl alcohol
 Concen: 105.056 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

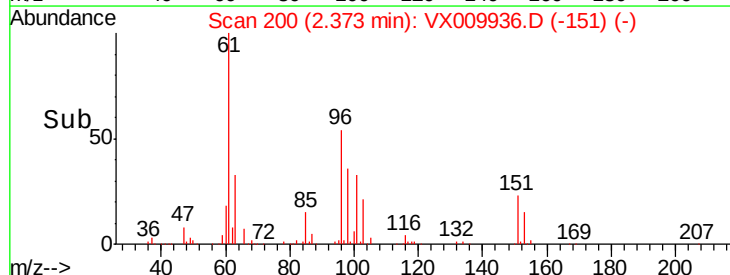
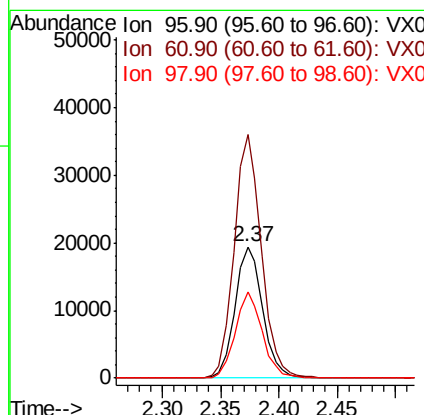
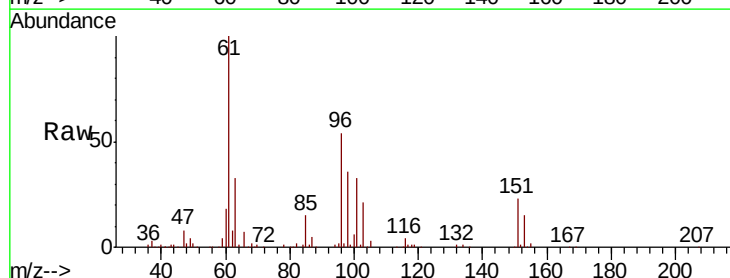
Tot Ion: 59 Resp: 59099
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

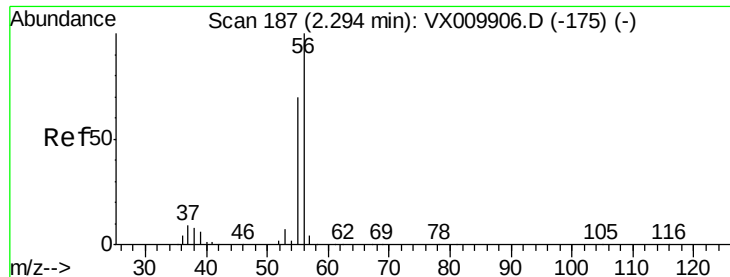


#12

1,1-Dichloroethene
 Concen: 19.548 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 96 Resp: 32035
 Ion Ratio Lower Upper
 96 100
 61 185.5 140.7 211.1
 98 65.9 50.1 75.1





#13

Acrolein

Concen: 100.523 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

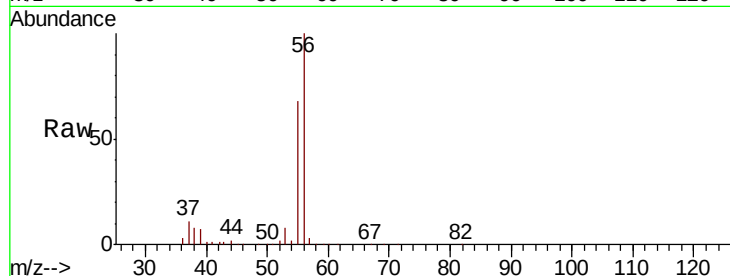
VX0529WBSD01

Tot Ion: 56 Resp: 34590

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

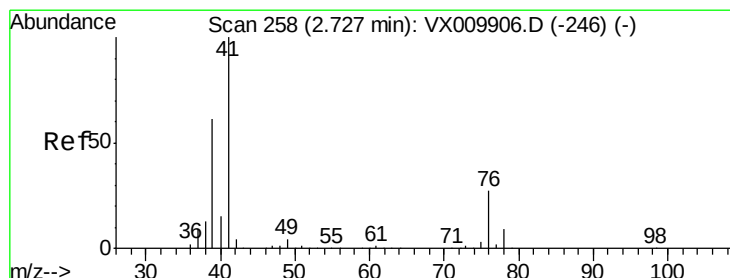
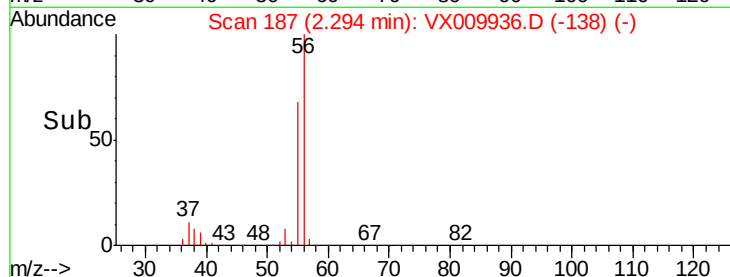
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.802 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

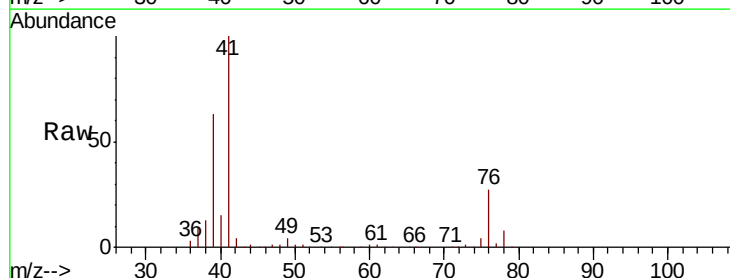
Tgt Ion: 41 Resp: 78872

Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 25.9 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

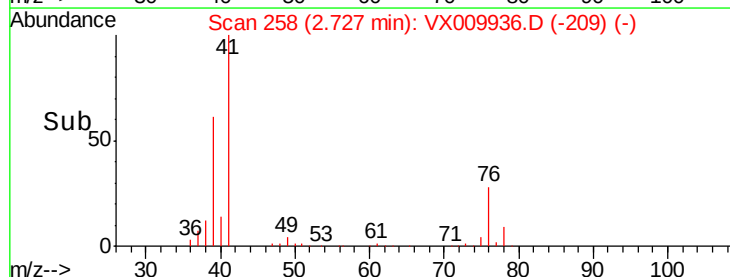
20000

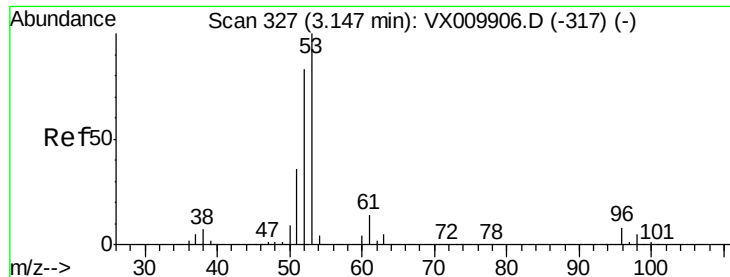
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.803 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

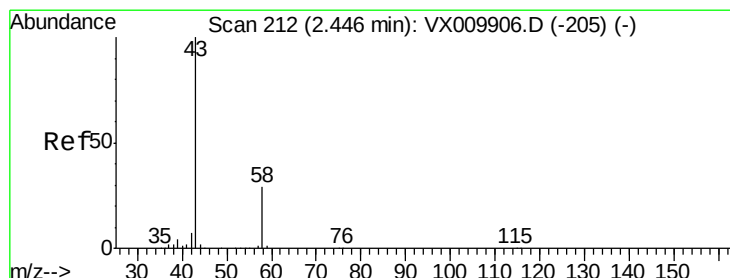
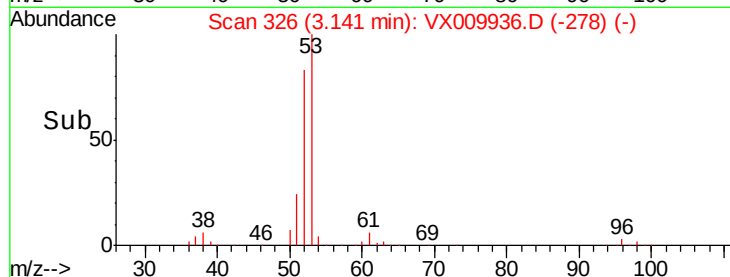
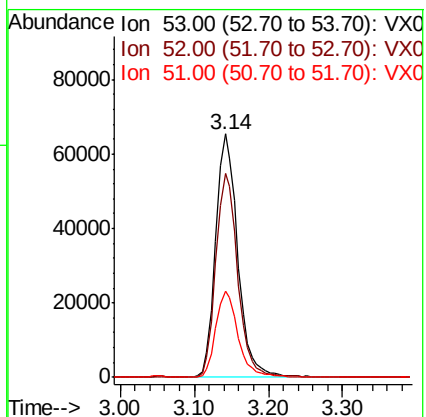
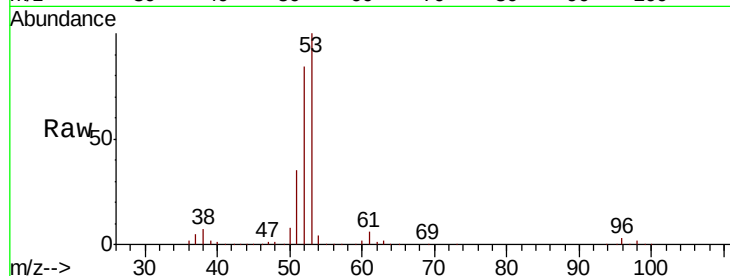
Tot Ion: 53 Resp: 133922

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 35.8 28.8 43.2



#16

Acetone

Concen: 95.199 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009936.D

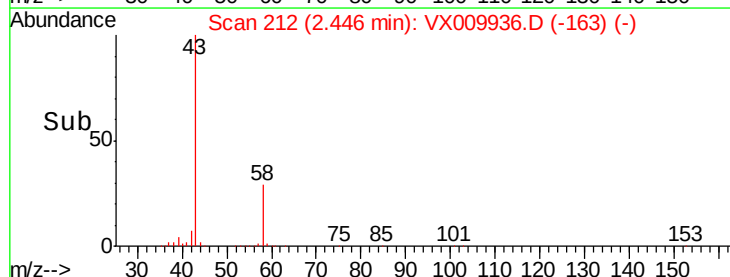
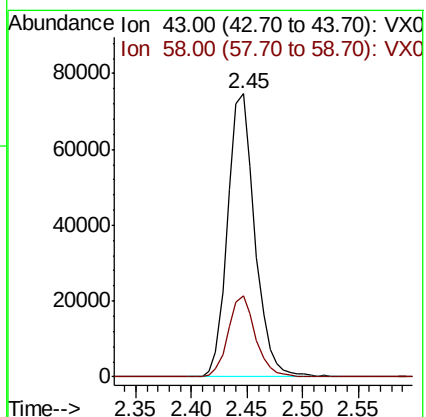
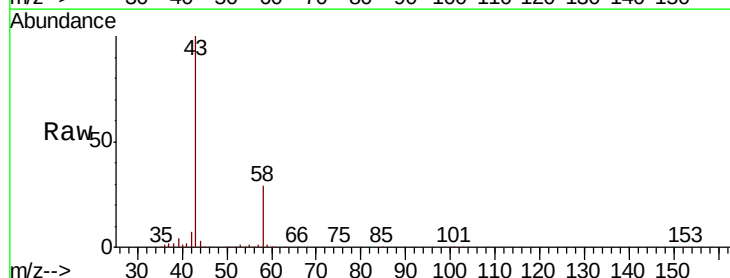
Acq: 29 May 2019 13:42

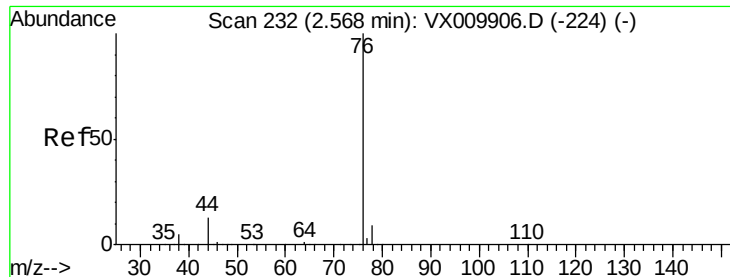
Tgt Ion: 43 Resp: 125730

Ion Ratio Lower Upper

43 100

58 28.6 23.2 34.8





#17

Carbon Disulfide

Concen: 19.749 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

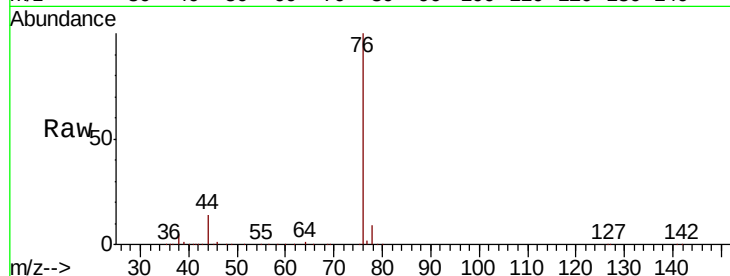
VX0529WBSD01

Tot Ion: 76 Resp: 96836

Ion Ratio Lower Upper

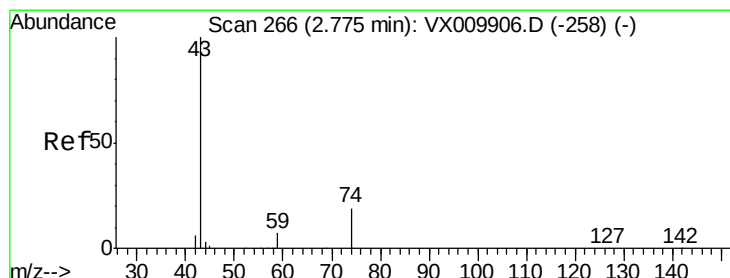
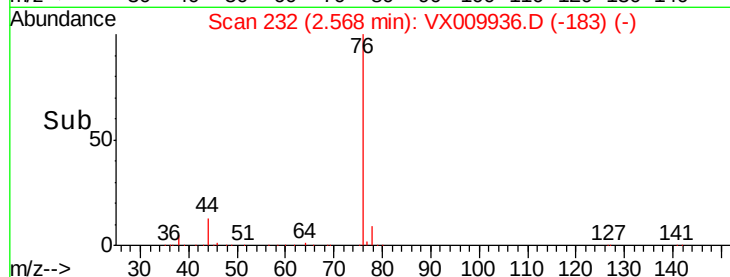
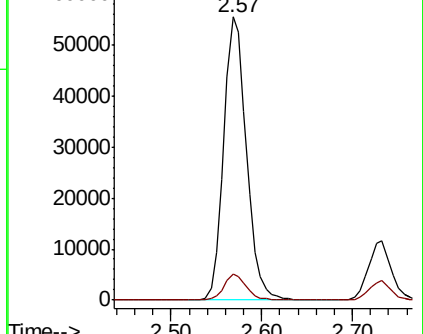
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.733 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009936.D

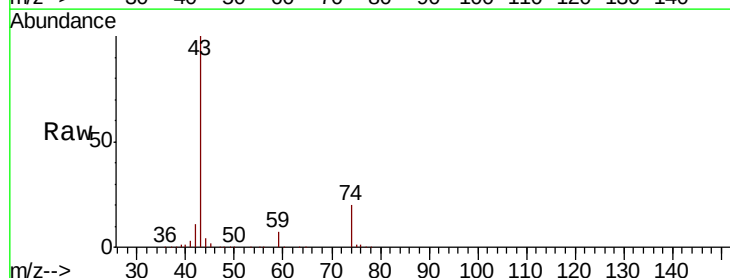
Acq: 29 May 2019 13:42

Tgt Ion: 43 Resp: 60643

Ion Ratio Lower Upper

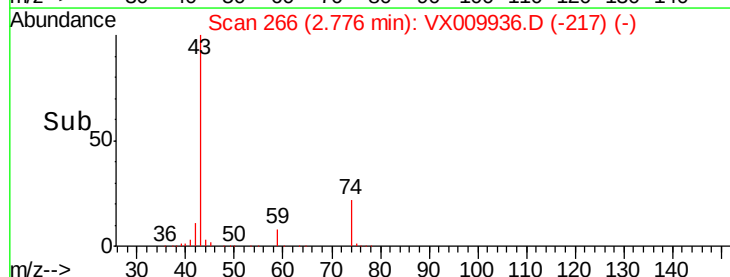
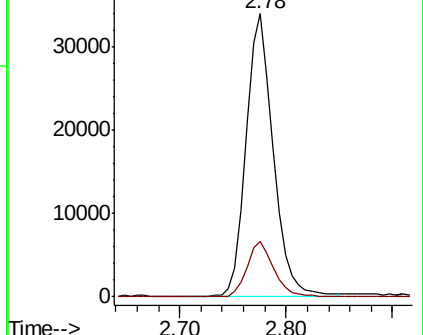
43 100

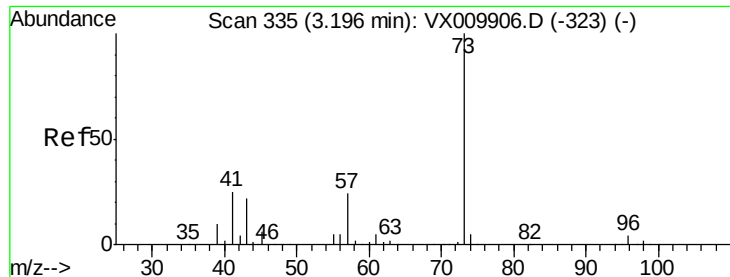
74 19.7 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

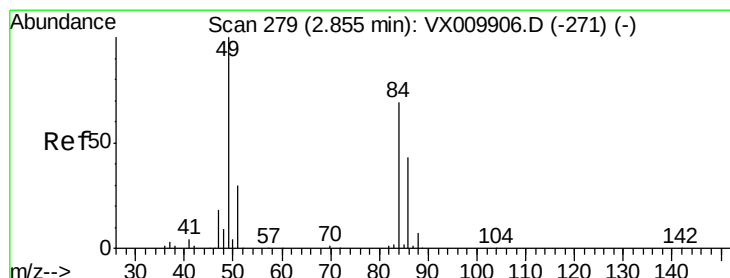
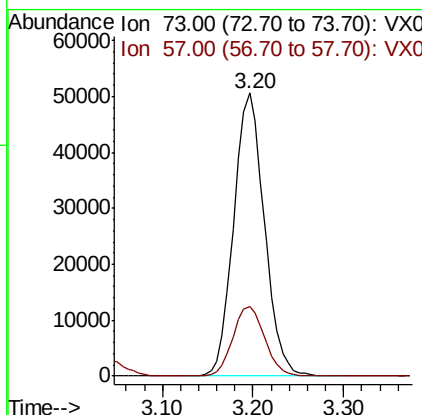
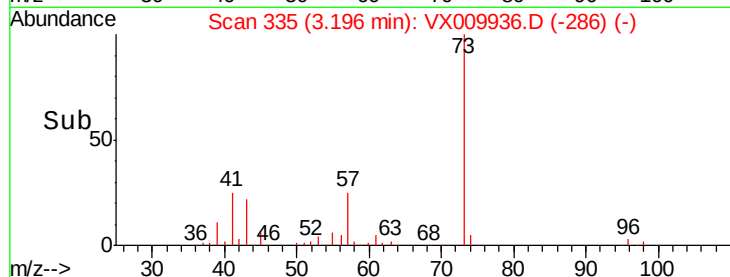
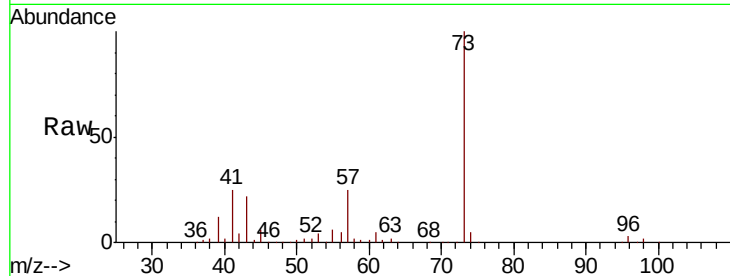




#19
Methyl tert-butyl Ether
Concen: 19.234 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

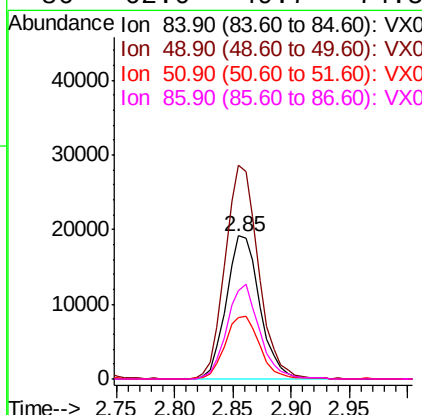
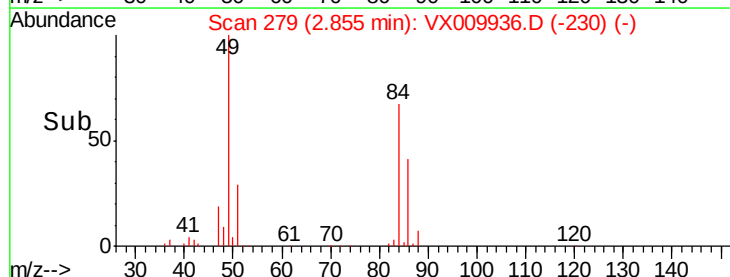
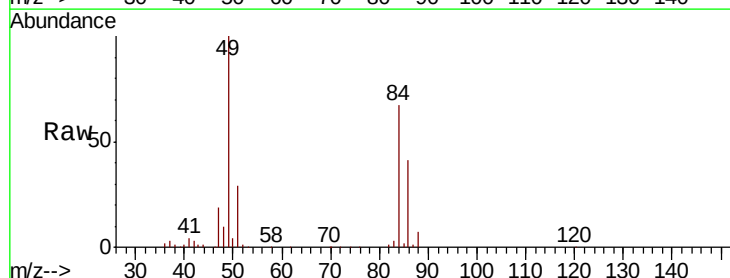
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

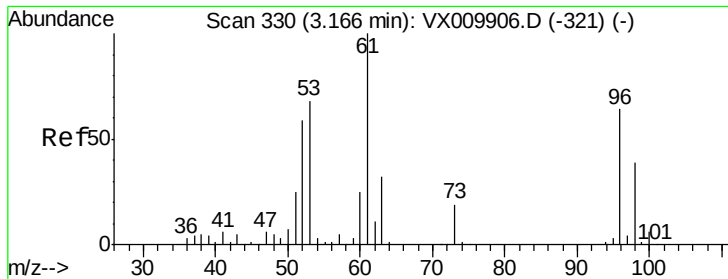
Tot Ion: 73 Resp: 119001
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2



#20
Methylene Chloride
Concen: 19.097 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 84 Resp: 38624
Ion Ratio Lower Upper
84 100
49 149.5 115.8 173.6
51 43.2 34.4 51.6
86 62.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.130 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

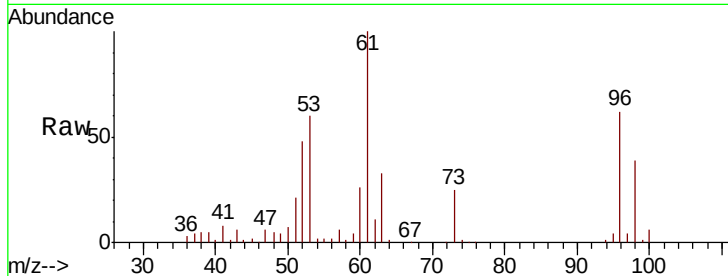
Tot Ion: 96 Resp: 34882

Ion Ratio Lower Upper

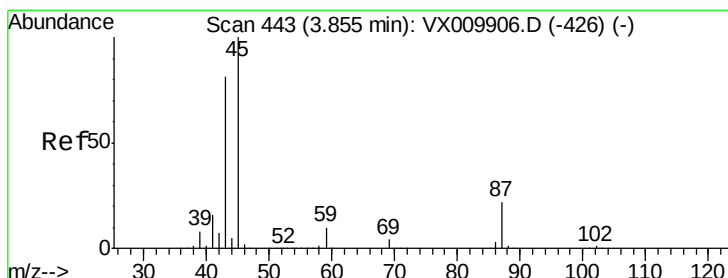
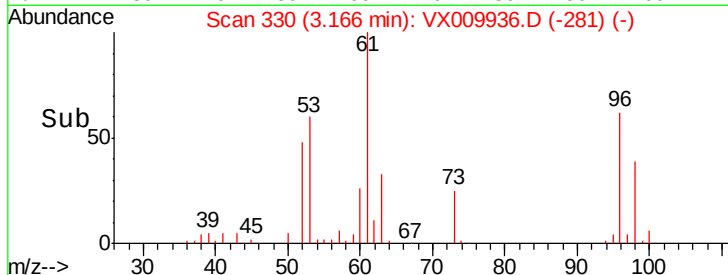
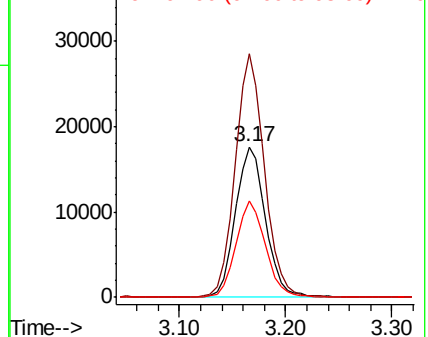
96 100

61 162.0 125.7 188.5

98 63.8 49.0 73.6



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: 20.230 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Tgt Ion: 45 Resp: 153319

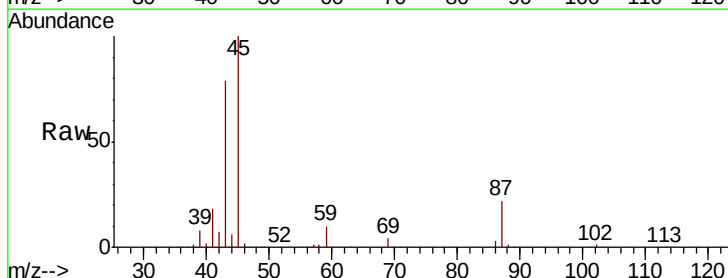
Ion Ratio Lower Upper

45 100

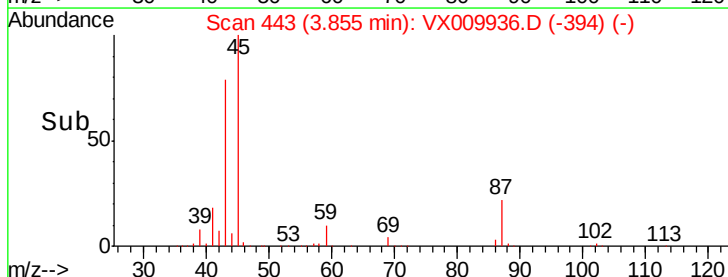
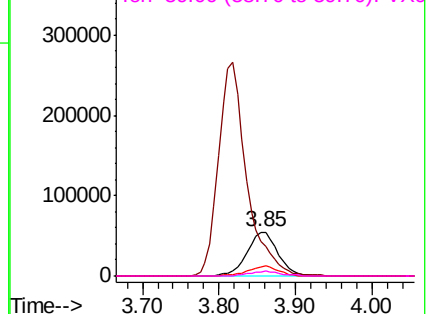
43 79.0 65.0 97.4

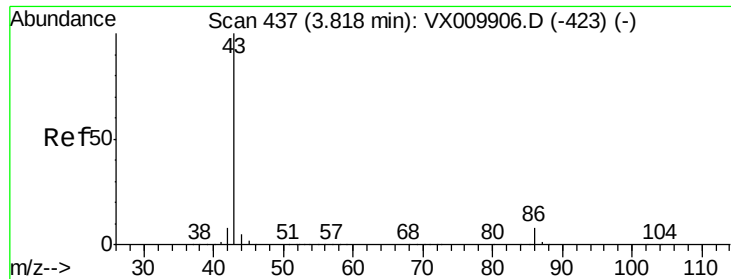
87 21.5 17.3 25.9

59 10.2 8.1 12.1



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: 100.331 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

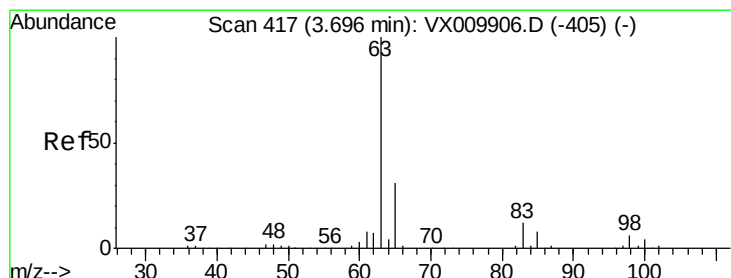
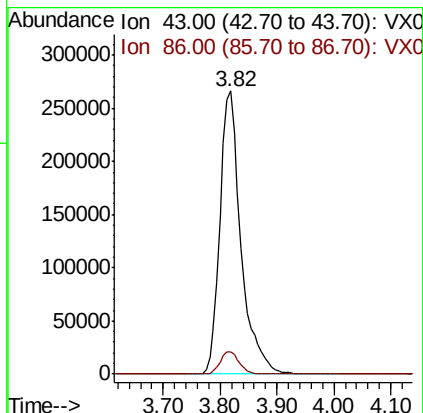
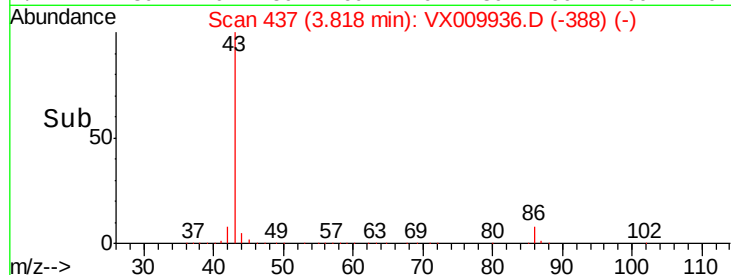
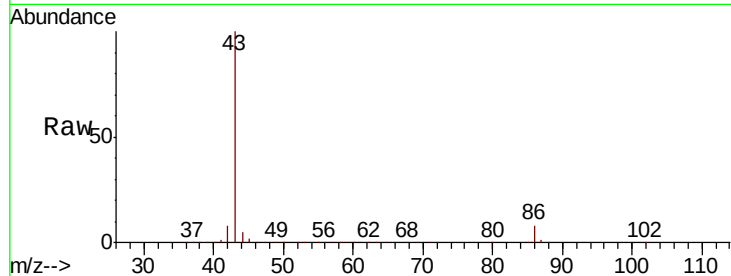
VX0529WBSD01

Tot Ion: 43 Resp: 683078

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 19.734 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

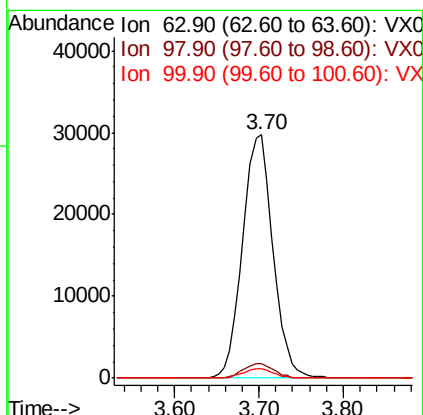
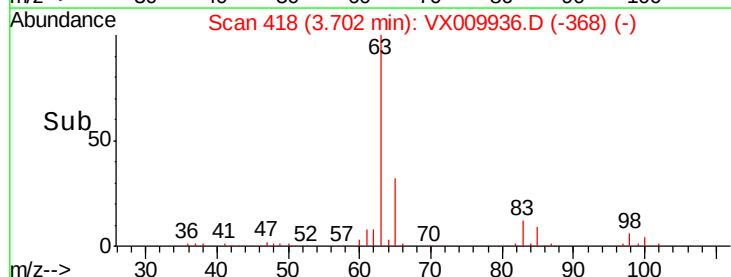
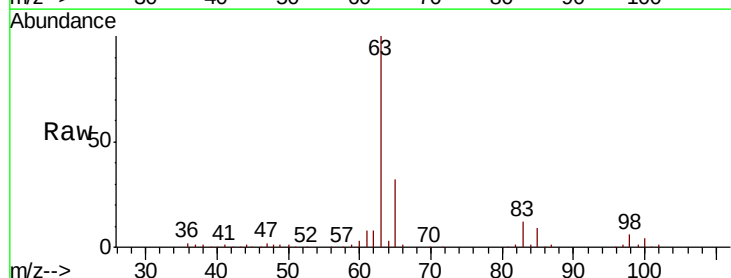
Tgt Ion: 63 Resp: 72476

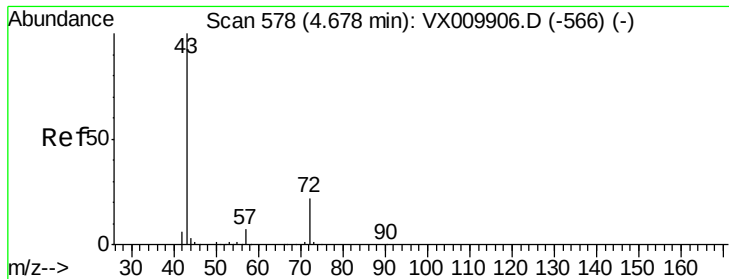
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.0 1.8 5.4





#25

2-Butanone

Concen: 99.698 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

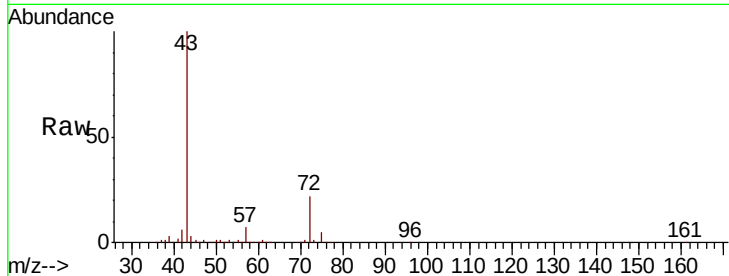
VX0529WBSD01

Tot Ion: 43 Resp: 205143

Ion Ratio Lower Upper

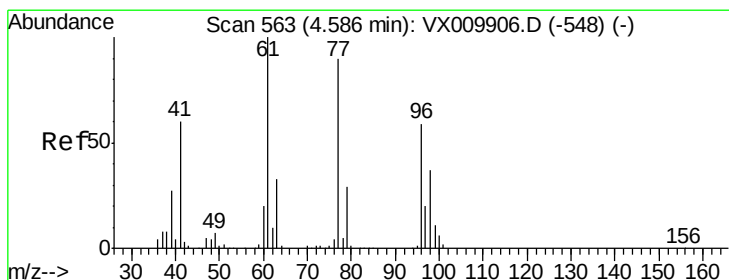
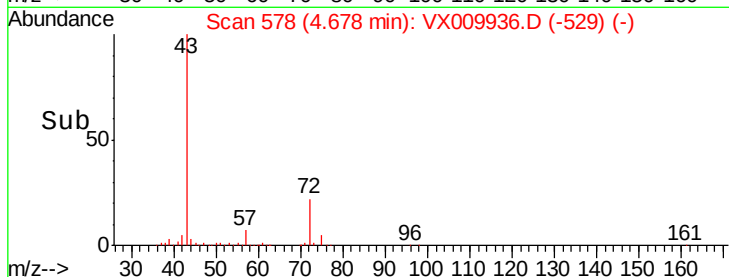
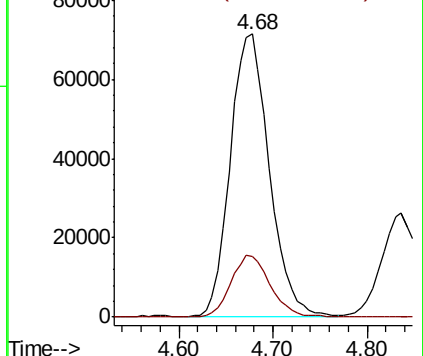
43 100

72 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.112 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009936.D

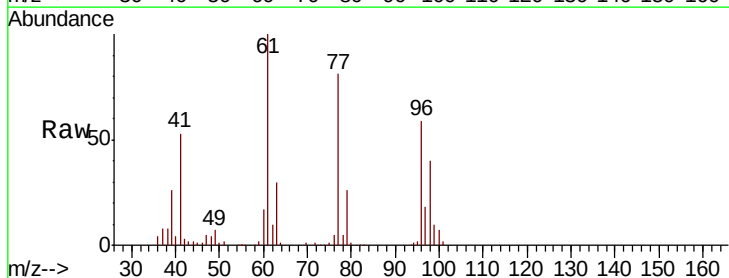
Acq: 29 May 2019 13:42

Tgt Ion: 77 Resp: 50319

Ion Ratio Lower Upper

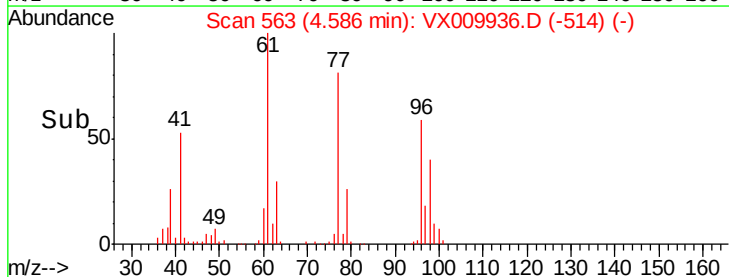
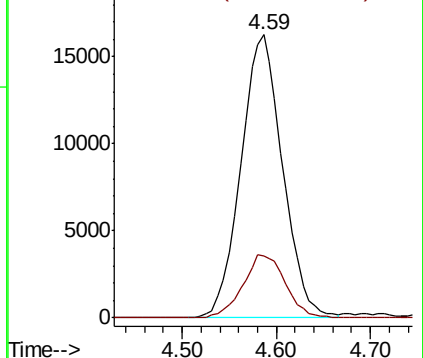
77 100

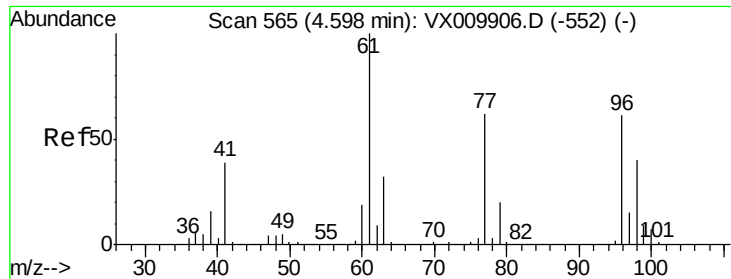
97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



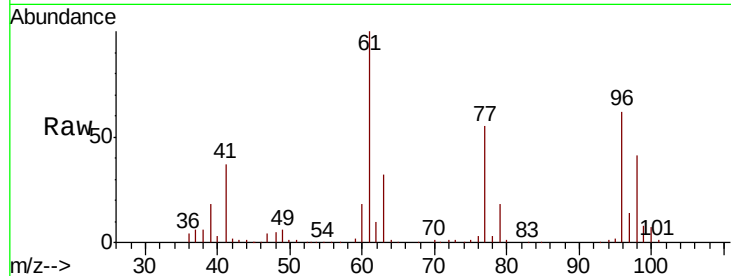


#27

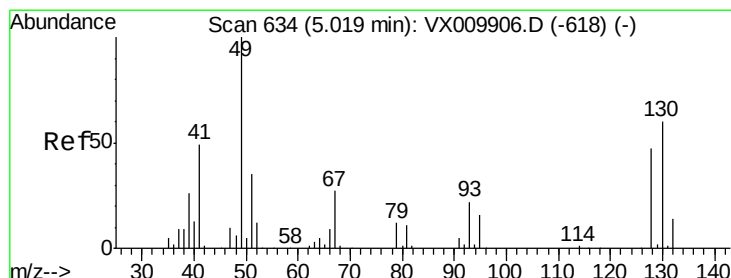
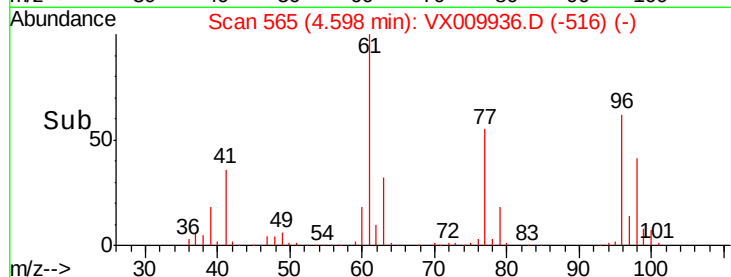
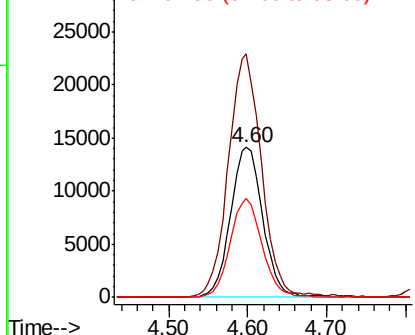
cis-1,2-Dichloroethene
 Concen: 19.096 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tot Ion: 96 Resp: 40194
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 334.0
 98 65.0 0.0 131.6



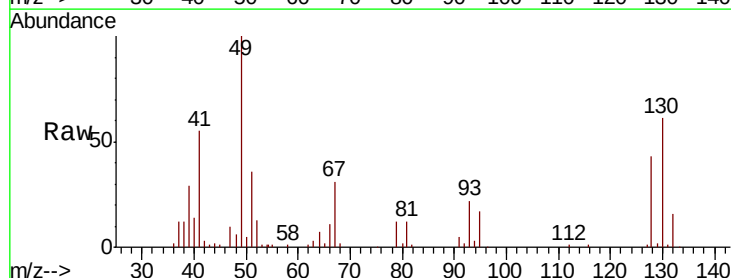
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



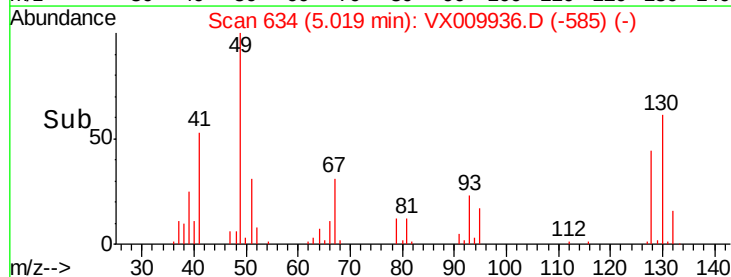
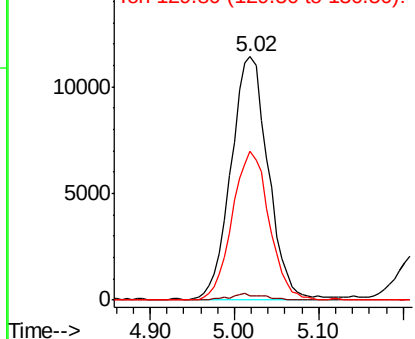
#28

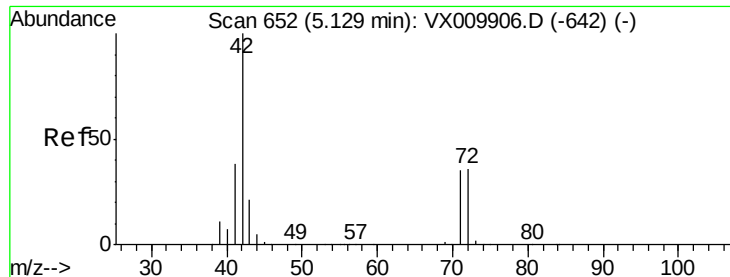
Bromochloromethane
 Concen: 17.981 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 49 Resp: 34270
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.4
 130 60.3 49.4 74.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

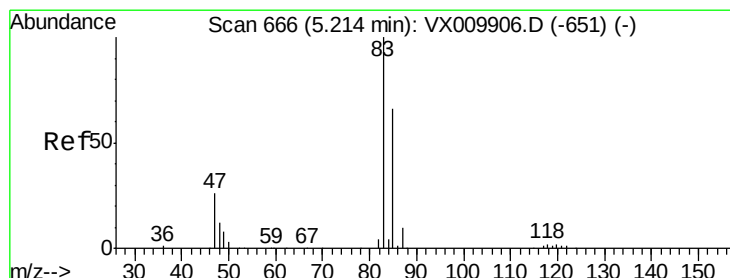
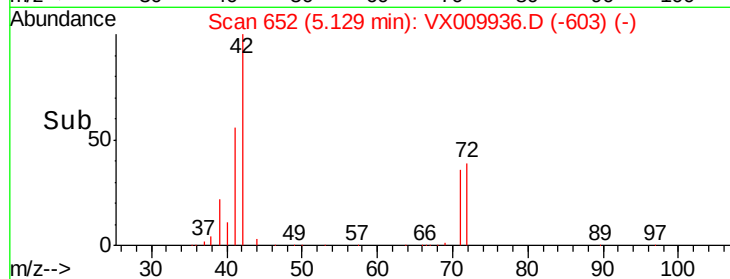
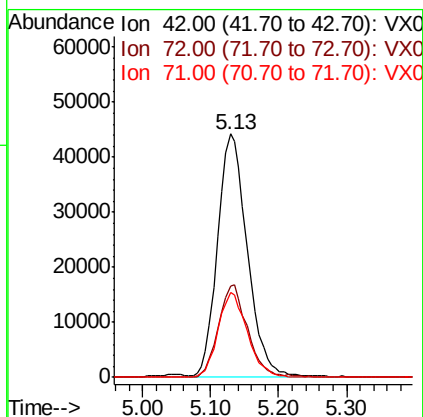
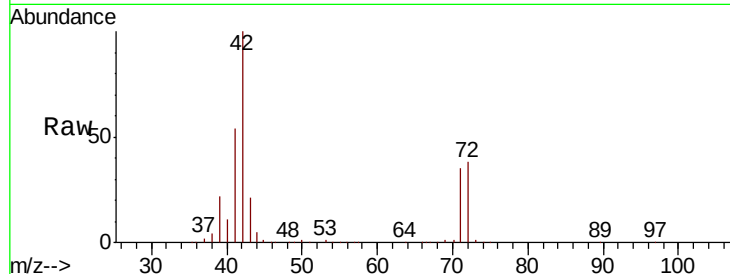




#29
Tetrahydrofuran
Concen: 101.028 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

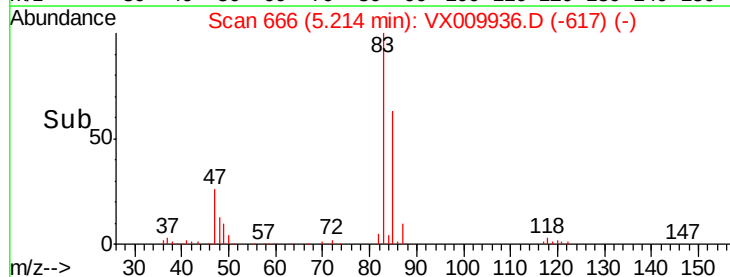
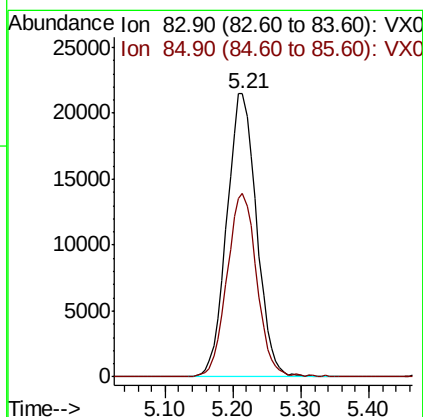
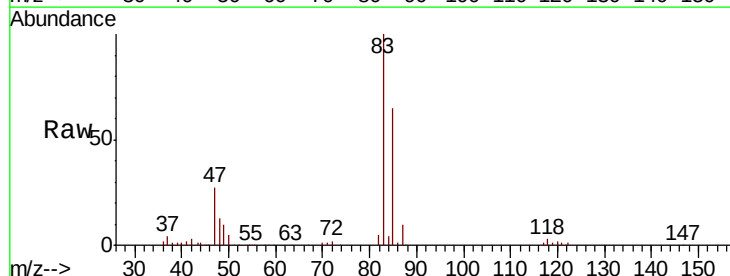
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

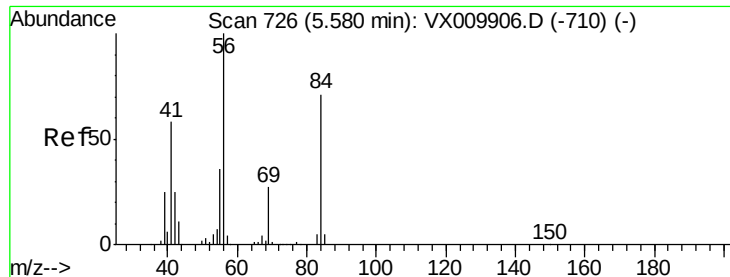
Tot Ion: 42 Resp: 133305
Ion Ratio Lower Upper
42 100
72 37.7 29.2 43.8
71 34.5 27.6 41.4



#30
Chloroform
Concen: 19.710 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 83 Resp: 65285
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8





#31

Cyclohexane

Concen: 20.026 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

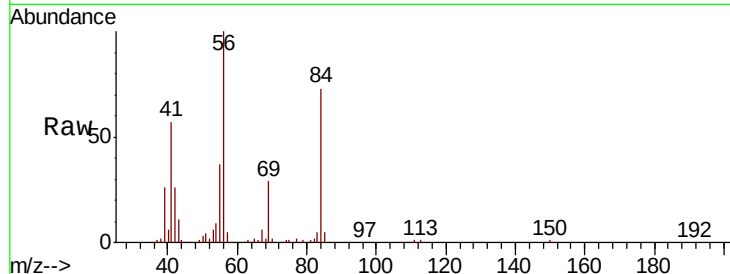
Tot Ion: 56 Resp: 69663

Ion Ratio Lower Upper

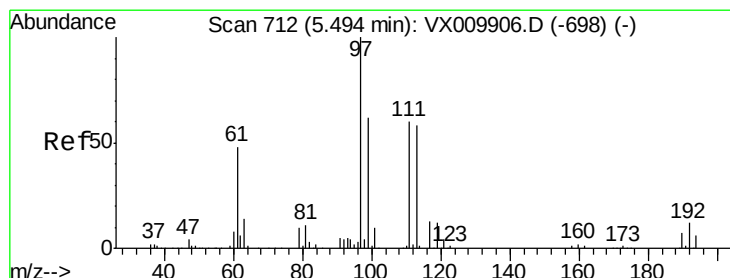
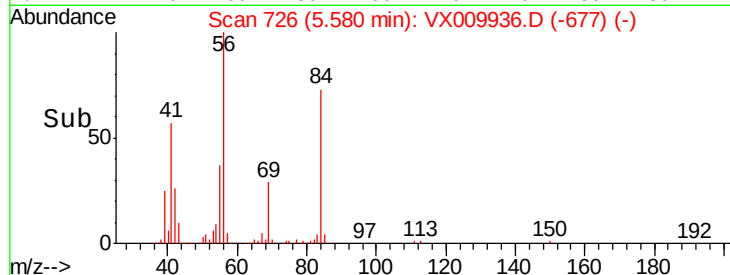
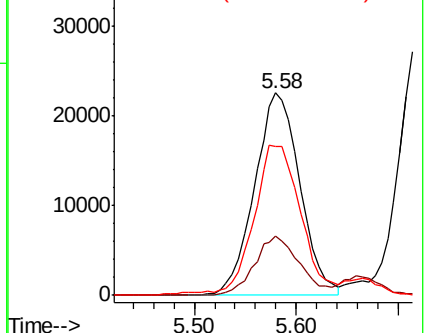
56 100

69 29.2 21.6 32.4

84 71.9 56.8 85.2



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: 19.904 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

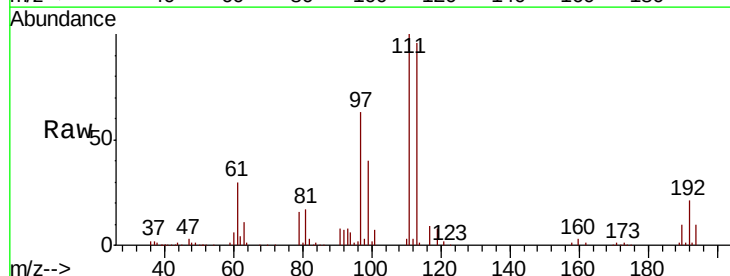
Tgt Ion: 97 Resp: 53692

Ion Ratio Lower Upper

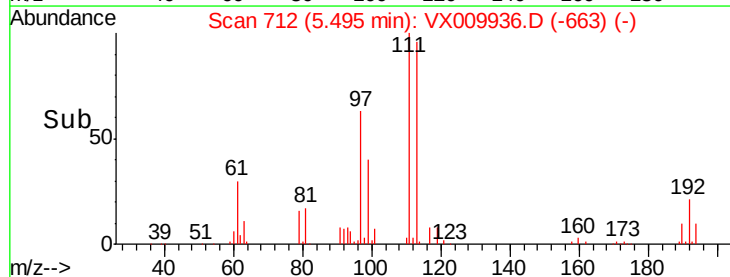
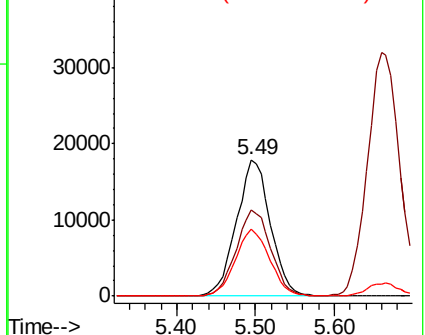
97 100

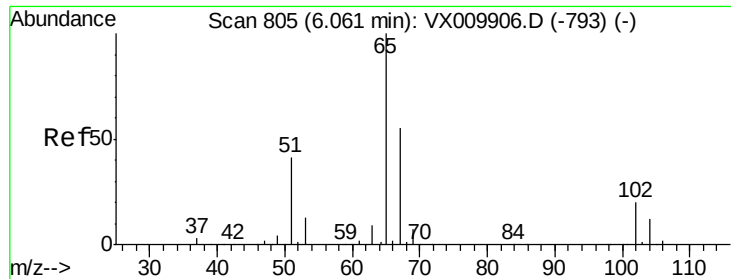
99 64.6 51.0 76.4

61 49.5 38.7 58.1



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

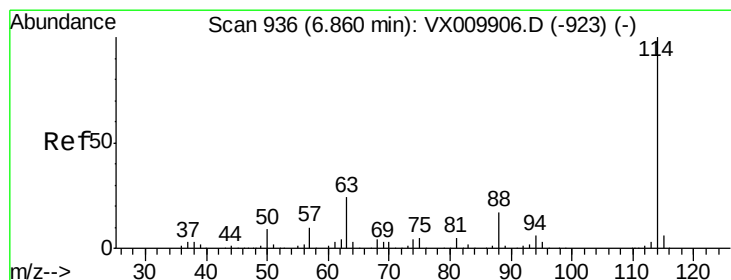
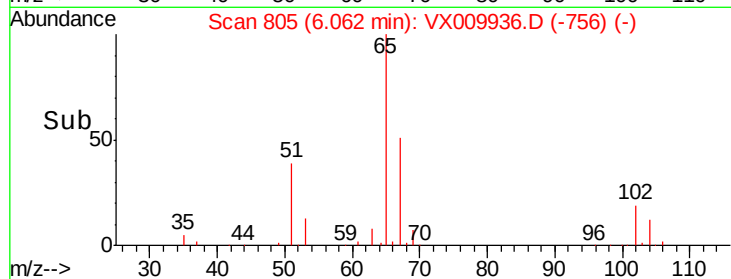
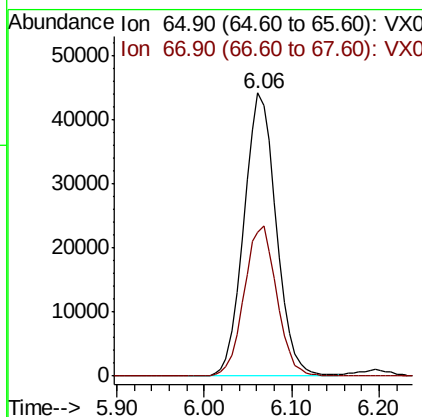
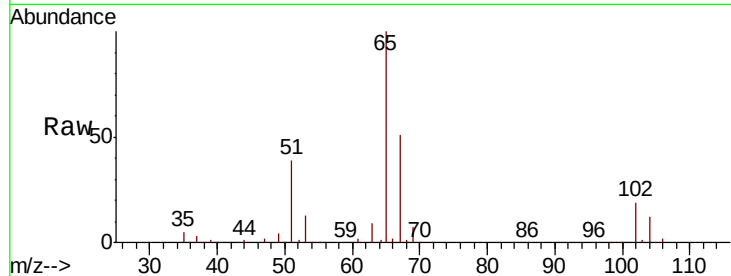




#33
 1,2-Dichloroethane-d4
 Concen: 49.736 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

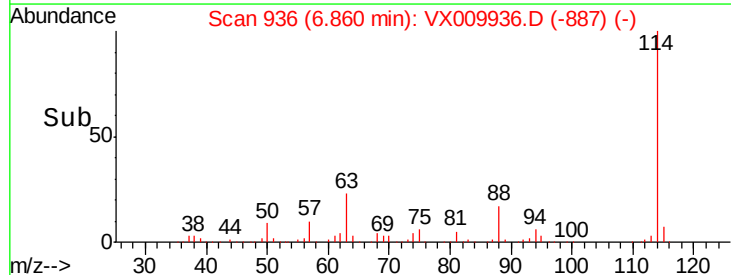
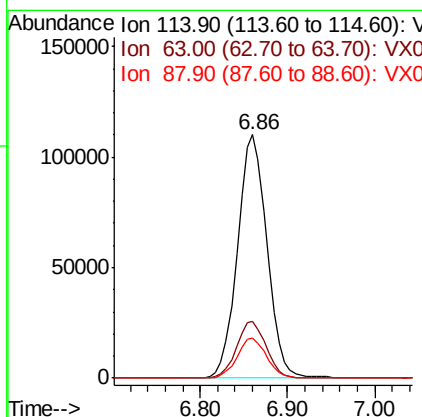
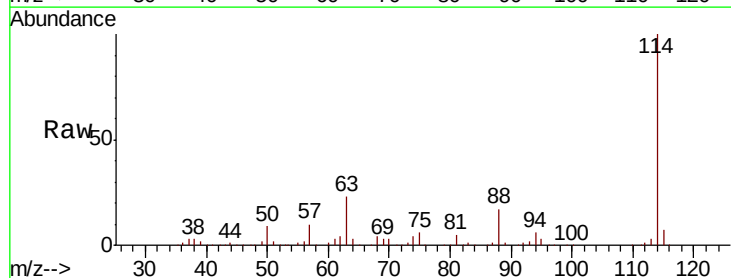
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

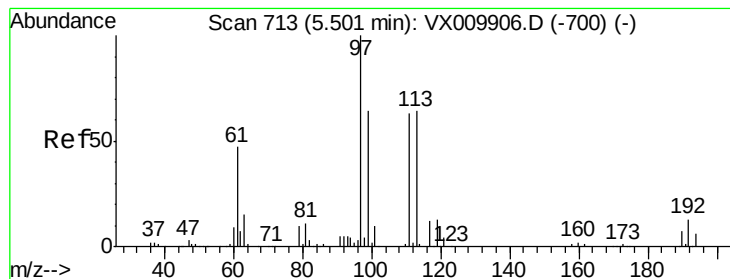
Tot Ion: 65 Resp: 113690
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 114 Resp: 257498
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.889 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

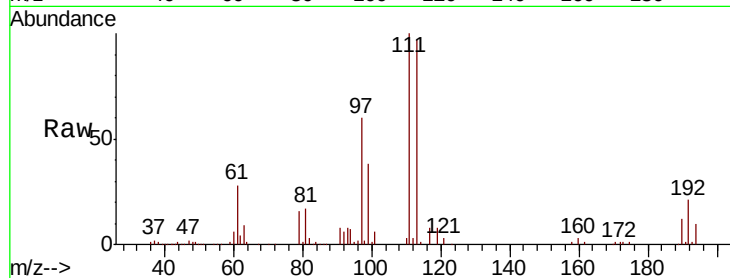
Tot Ion:113 Resp: 80765

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 21.8 17.1 25.7

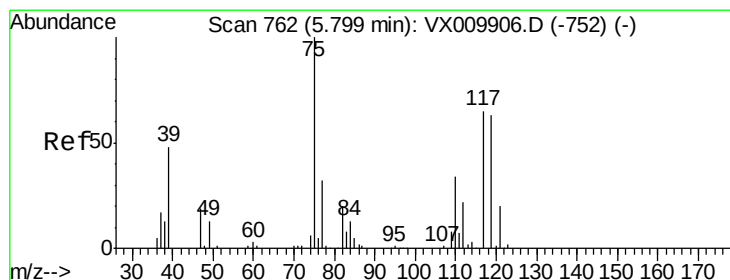
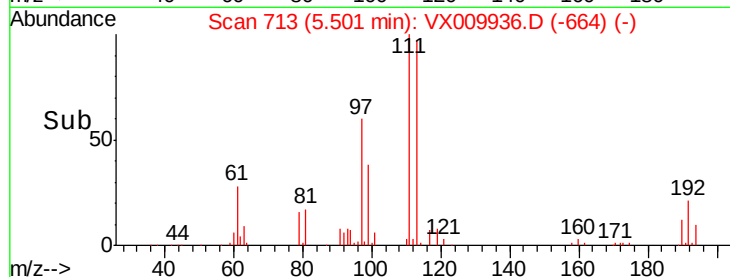
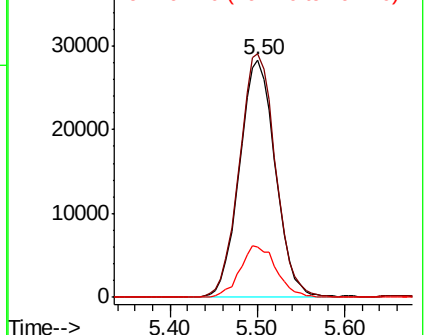


Abundance

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: 19.098 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

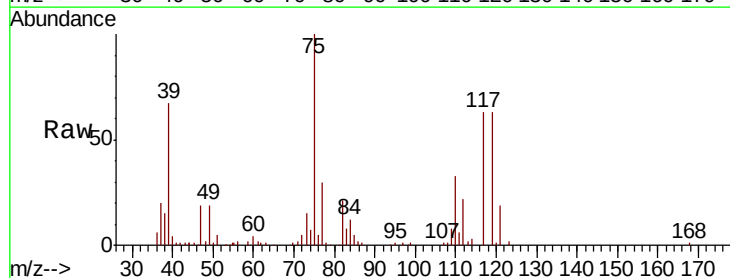
Tgt Ion: 75 Resp: 49897

Ion Ratio Lower Upper

75 100

110 33.5 16.7 50.1

77 31.6 25.0 37.4

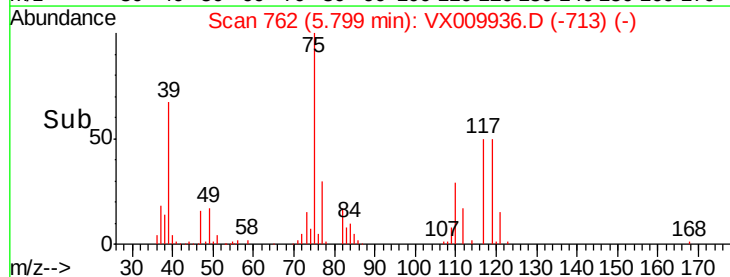
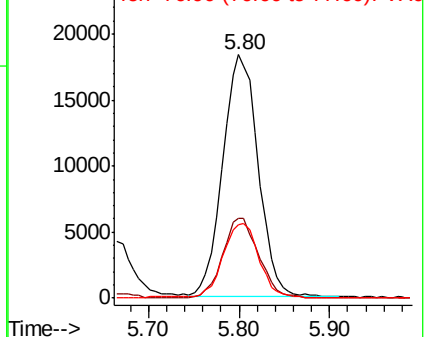


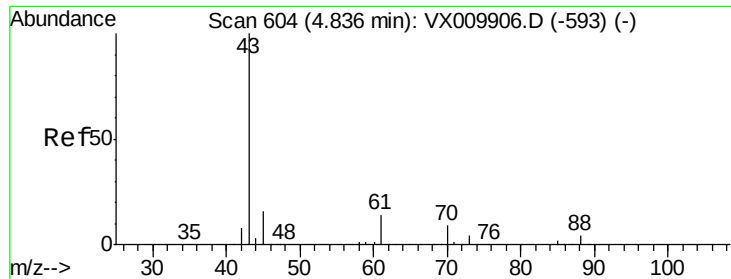
Abundance

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

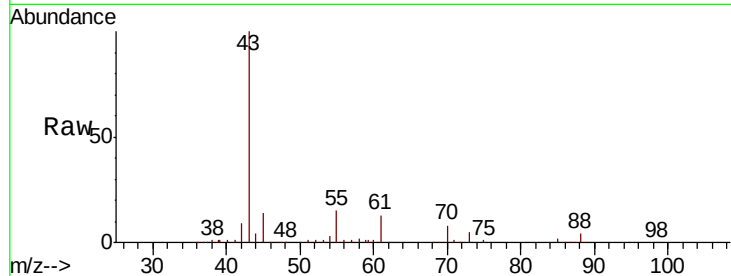




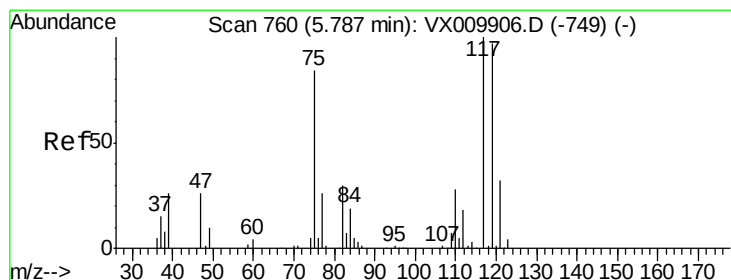
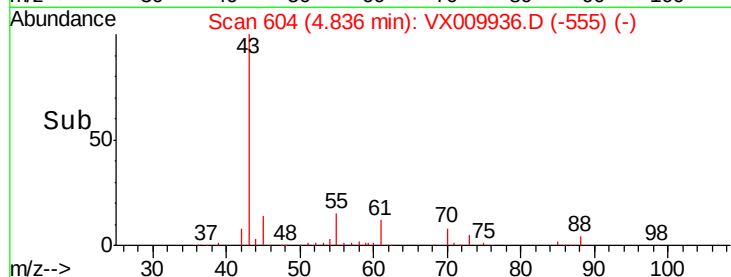
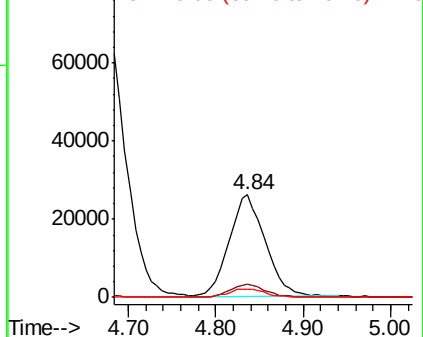
#37
Ethyl Acetate
Concen: 20.526 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tot Ion: 43 Resp: 74721
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.1 7.4 11.2

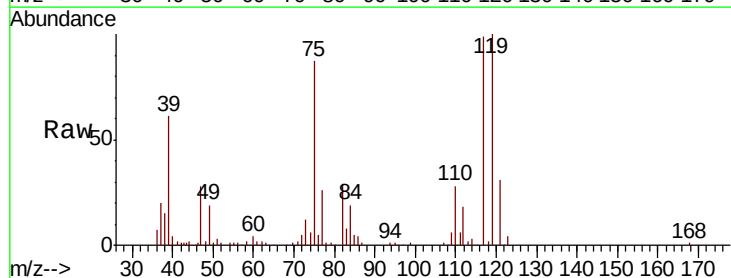


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

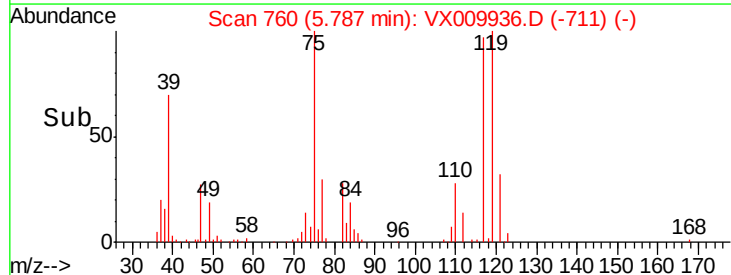
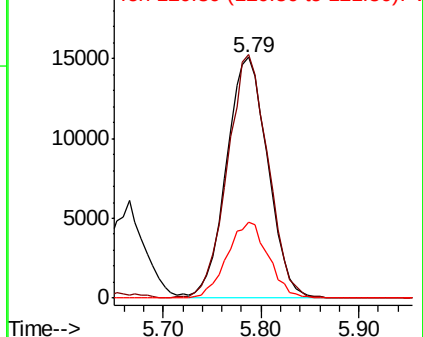


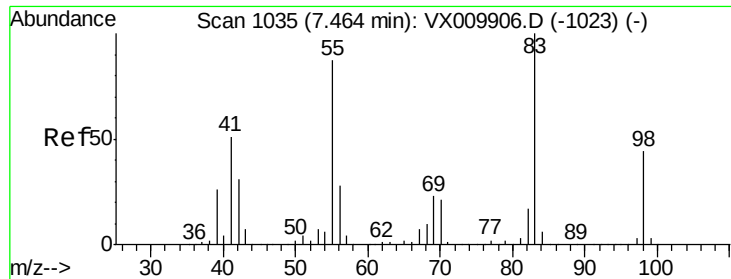
#38
Carbon Tetrachloride
Concen: 19.564 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 117 Resp: 44169
Ion Ratio Lower Upper
117 100
119 101.2 77.3 115.9
121 31.6 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

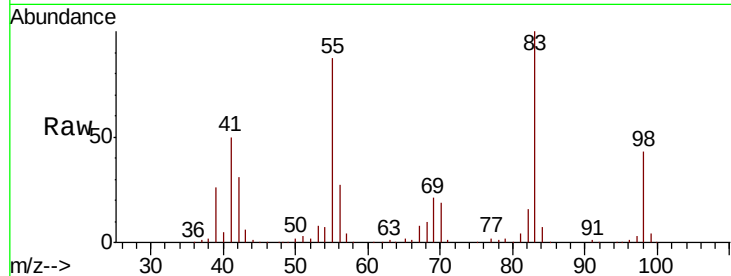




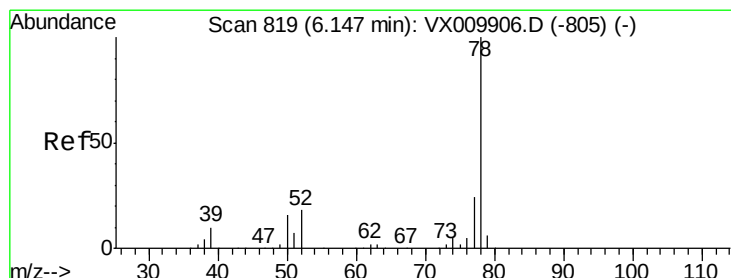
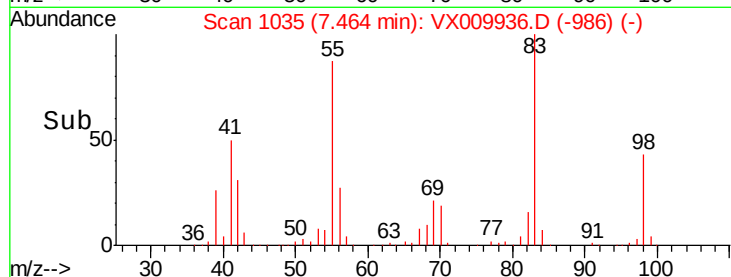
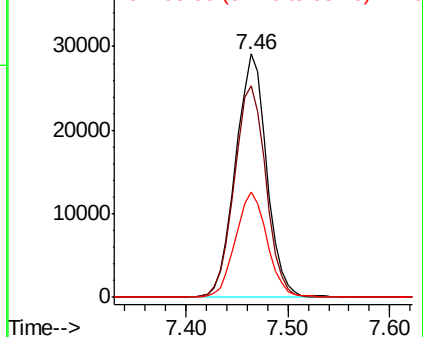
#39
Methylvlcyclohexane
Concen: 19.857 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tot Ion: 83 Resp: 61537
Ion Ratio Lower Upper
83 100
55 87.1 69.9 104.9
98 43.0 35.1 52.7

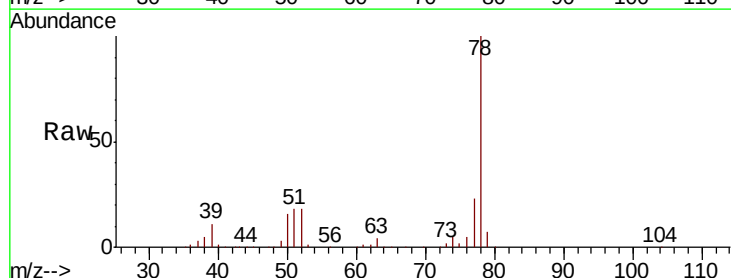


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

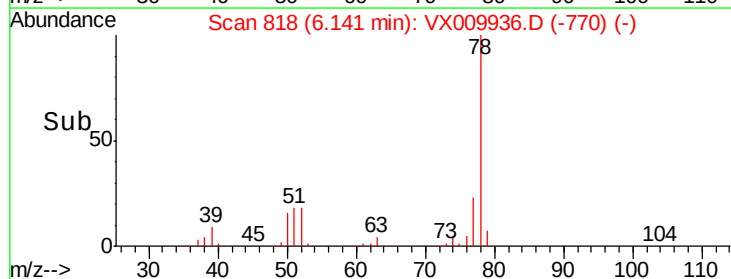
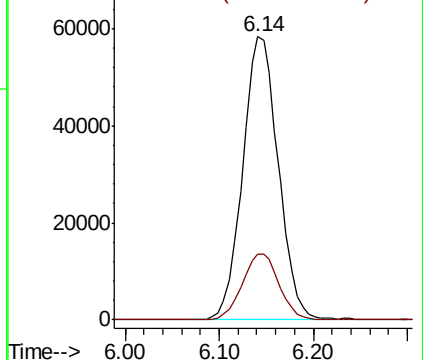


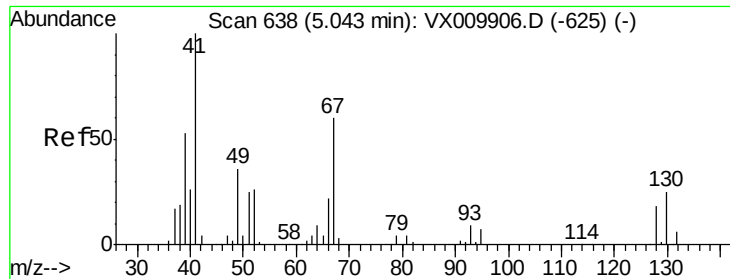
#40
Benzene
Concen: 19.950 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 78 Resp: 154613
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.965 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

Tot Ion: 41 Resp: 42469

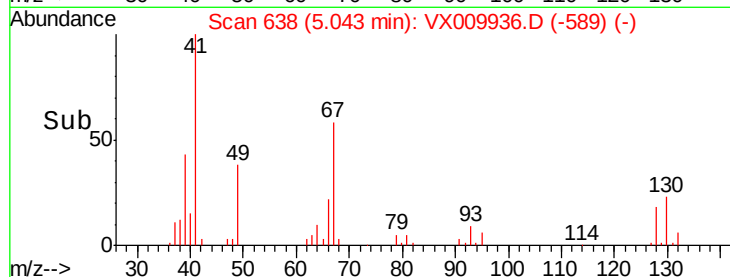
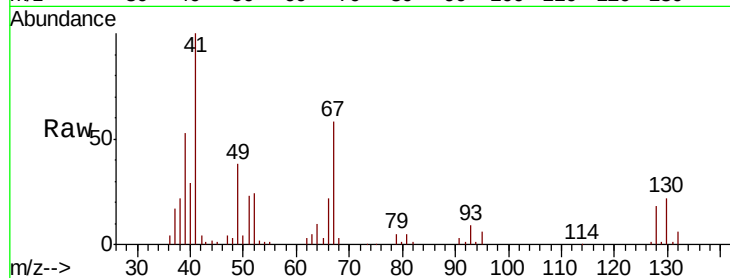
Ion Ratio Lower Upper

41 100

39 53.2 42.2 63.4

67 61.2 48.9 73.3

52 26.4 20.1 30.1

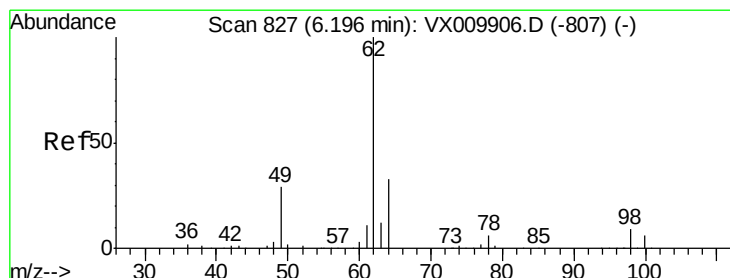
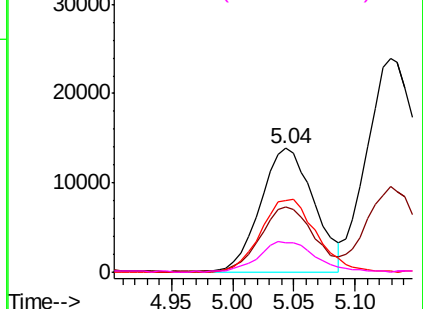


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.888 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX009936.D

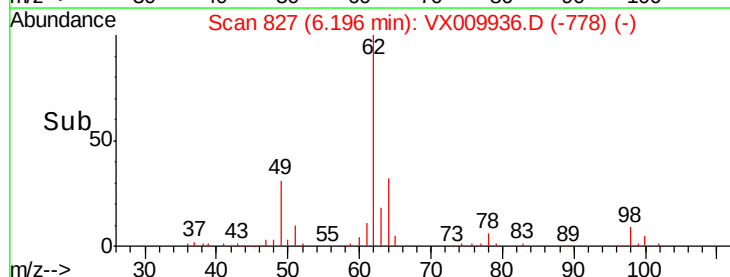
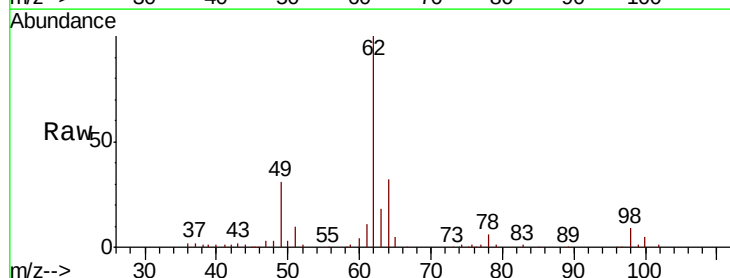
Acq: 29 May 2019 13:42

Tgt Ion: 62 Resp: 56984

Ion Ratio Lower Upper

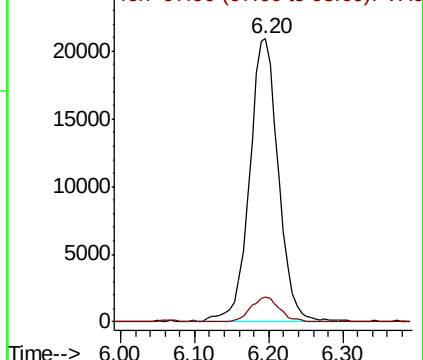
62 100

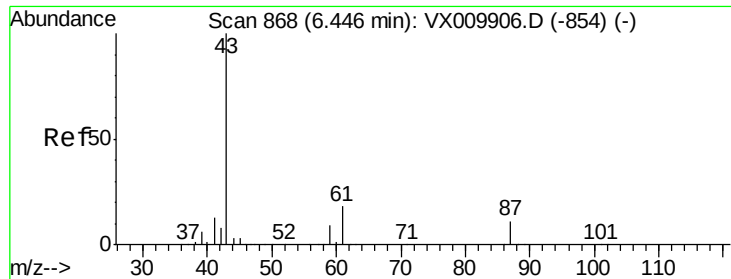
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.512 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

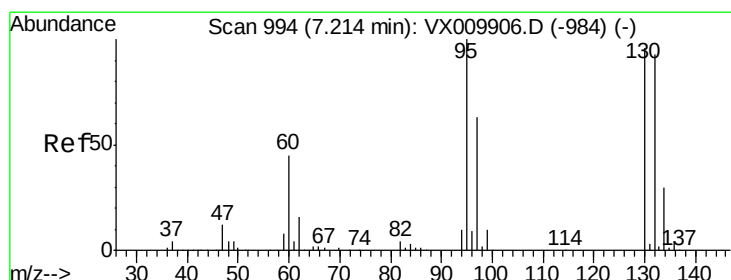
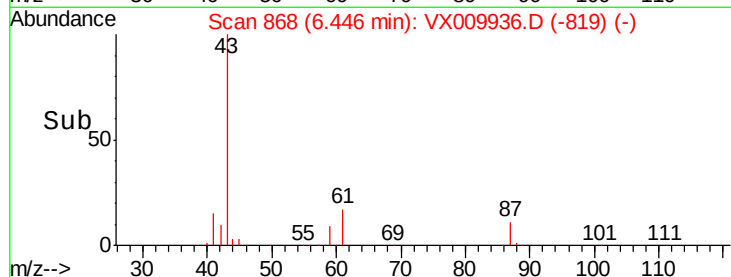
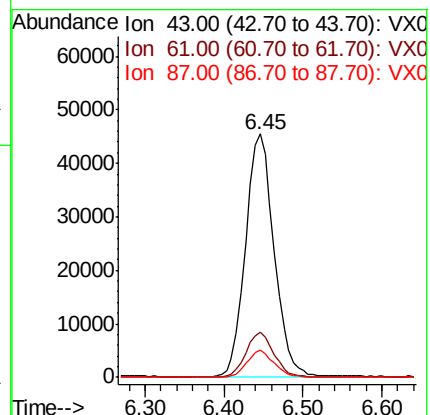
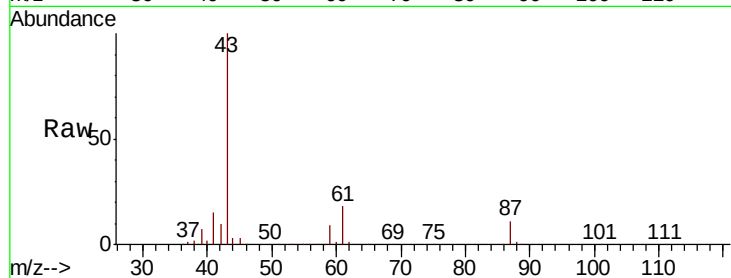
Tot Ion: 43 Resp: 114611

Ion Ratio Lower Upper

43 100

61 17.8 14.6 21.8

87 10.8 8.7 13.1



#44

Trichloroethene

Concen: 19.108 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009936.D

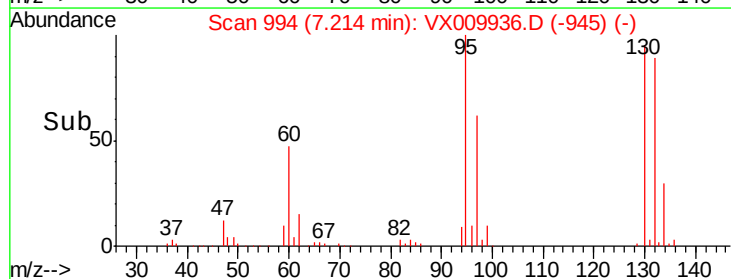
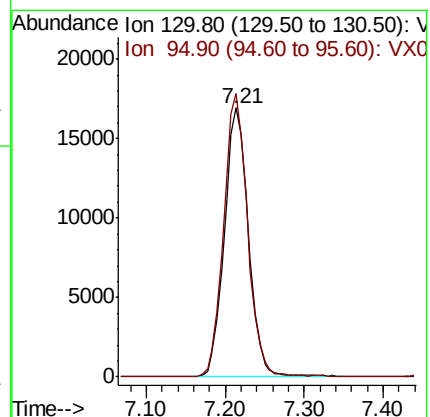
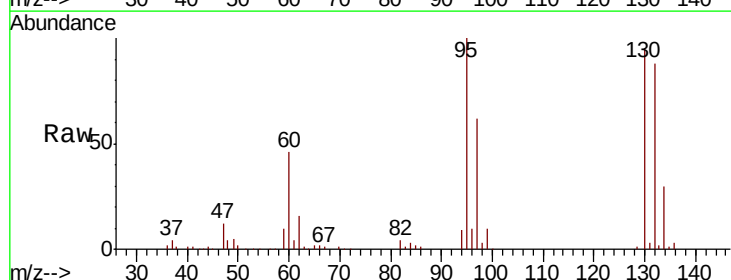
Acq: 29 May 2019 13:42

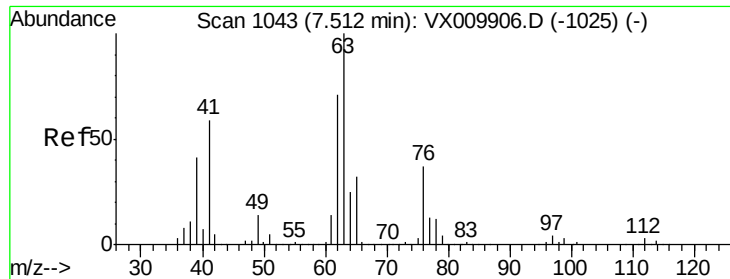
Tgt Ion:130 Resp: 35972

Ion Ratio Lower Upper

130 100

95 105.2 0.0 207.4

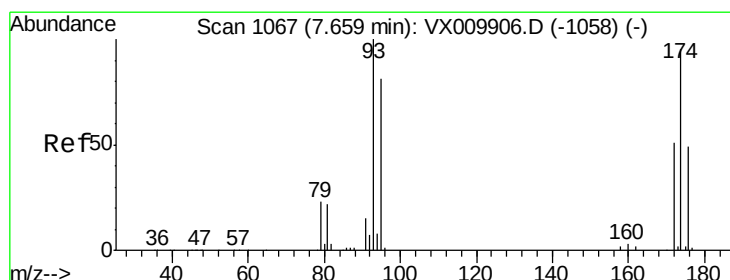
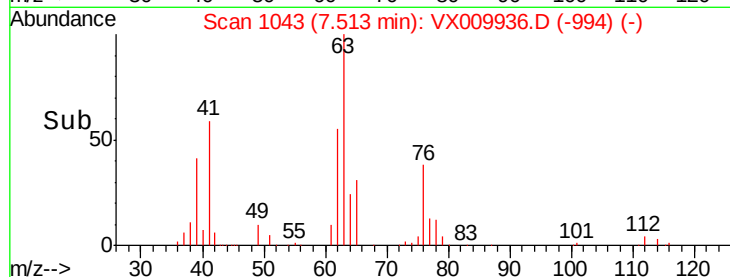
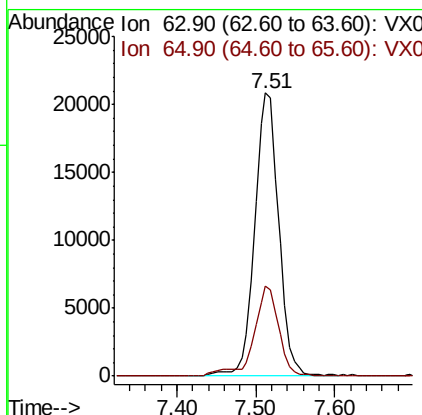
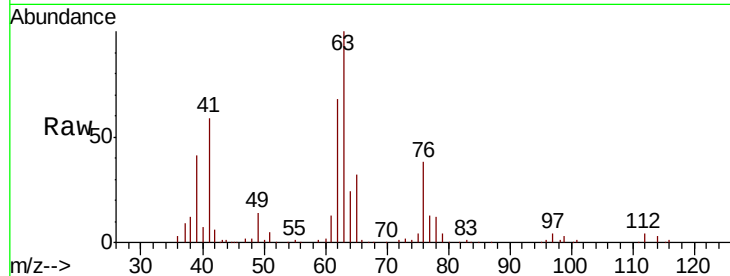




#45
 1,2-Dichloropropane
 Concen: 19.774 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

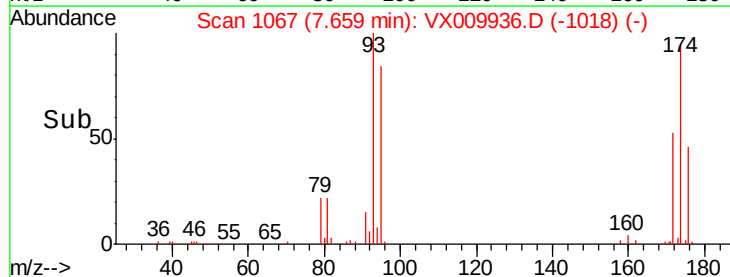
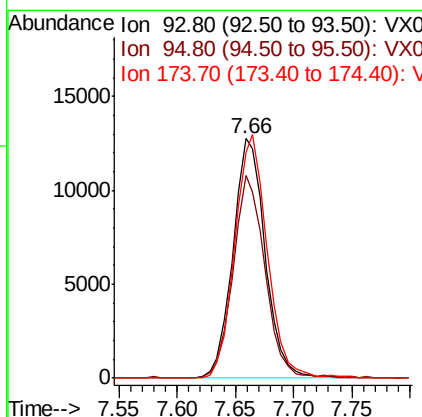
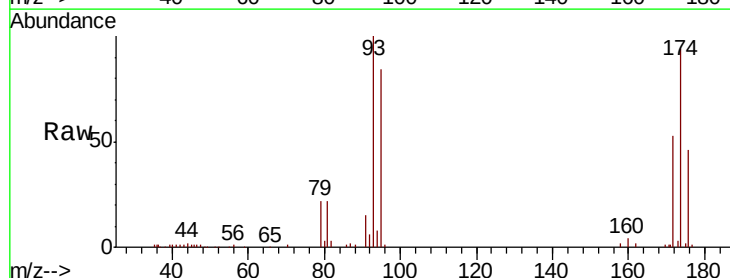
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

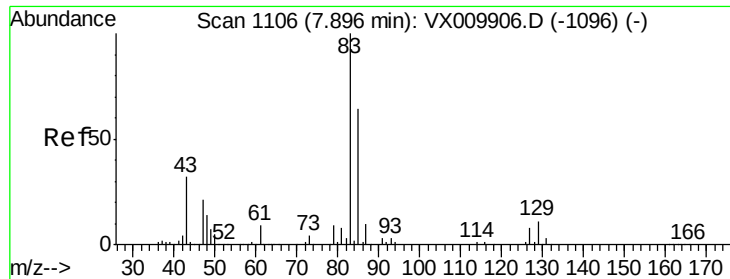
Tot Ion: 63 Resp: 44117
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5



#46
 Dibromomethane
 Concen: 18.761 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 93 Resp: 24638
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 101.6 81.9 122.9





#47

Bromodichloromethane

Concen: 19.947 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

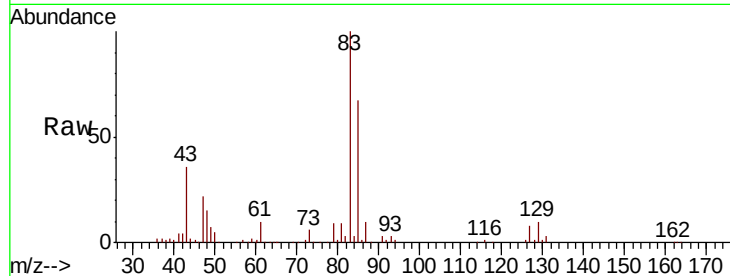
Tot Ion: 83 Resp: 49814

Ion Ratio Lower Upper

83 100

85 67.0 51.4 77.2

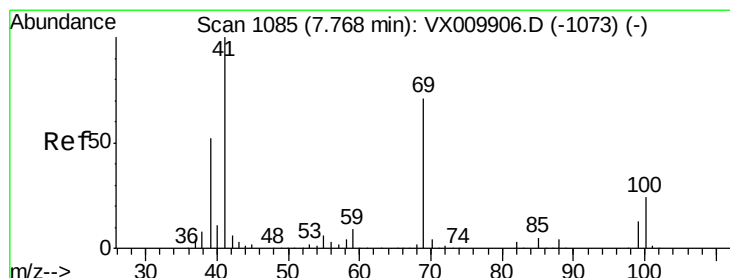
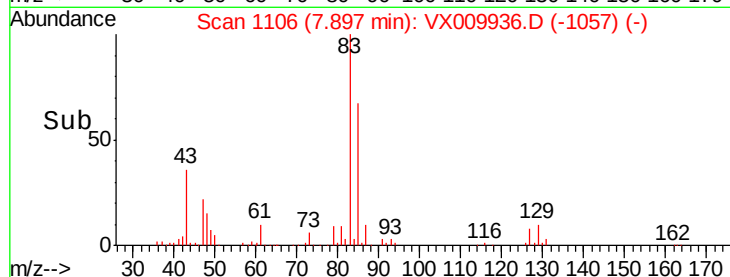
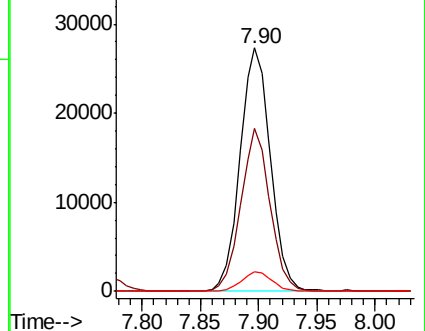
127 8.2 6.4 9.6



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: 19.564 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

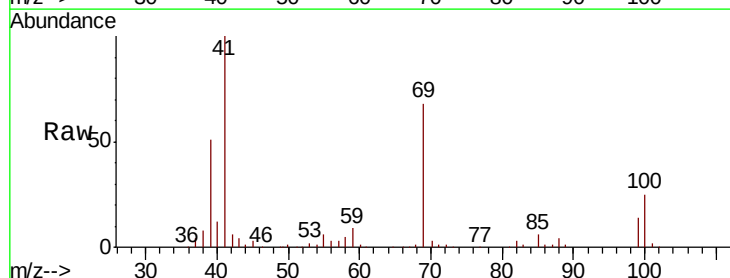
Tgt Ion: 41 Resp: 56889

Ion Ratio Lower Upper

41 100

69 70.5 56.4 84.6

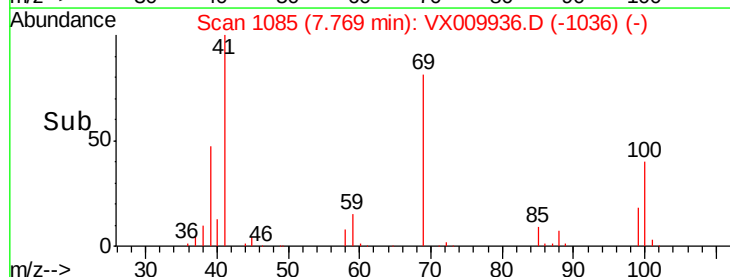
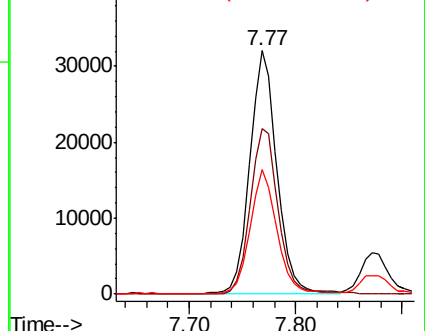
39 50.5 40.6 60.8

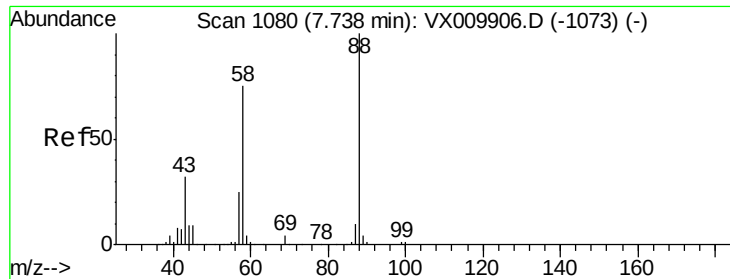


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

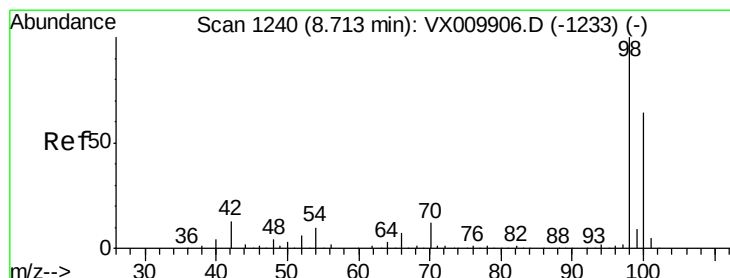
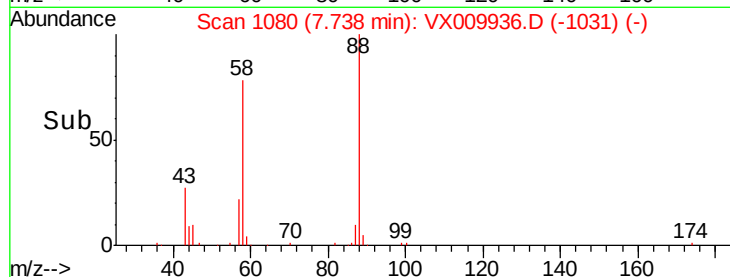
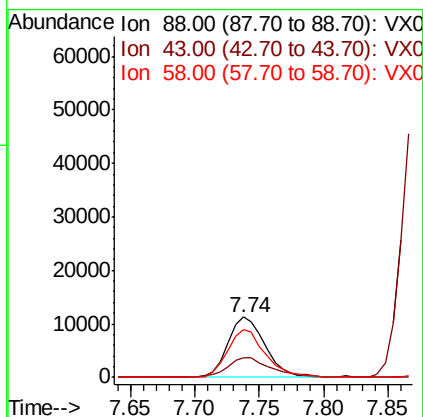
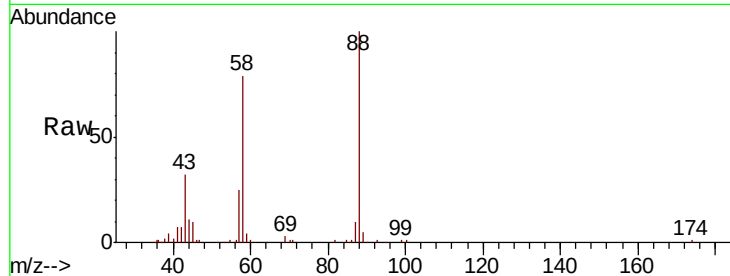




#49
 1,4-Dioxane
 Concen: 417.455 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

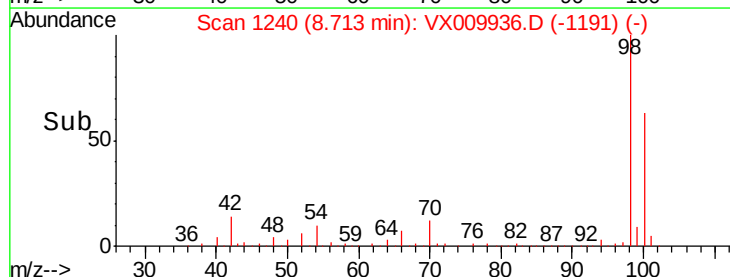
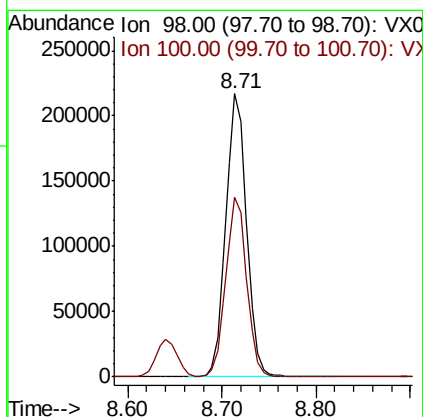
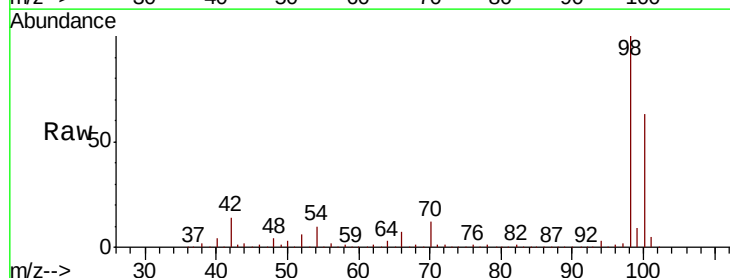
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

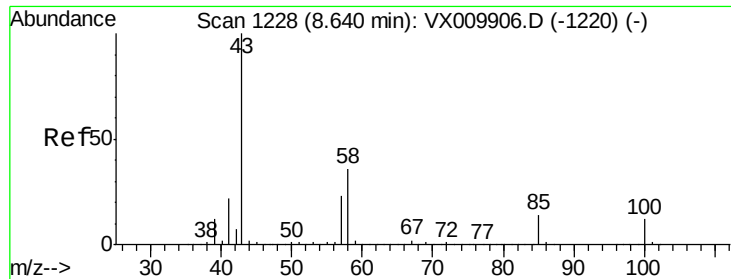
Tot Ion: 88 Resp: 22579
 Ion Ratio Lower Upper
 88 100
 43 37.4 30.2 45.4
 58 81.5 64.0 96.0



#50
 Toluene-d8
 Concen: 50.479 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 98 Resp: 331847
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 101.830 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

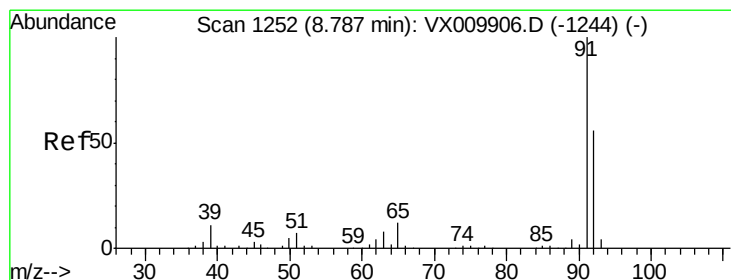
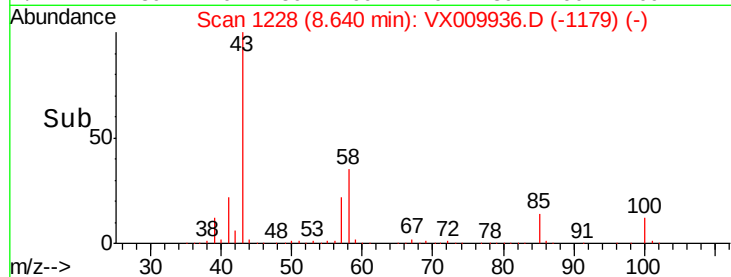
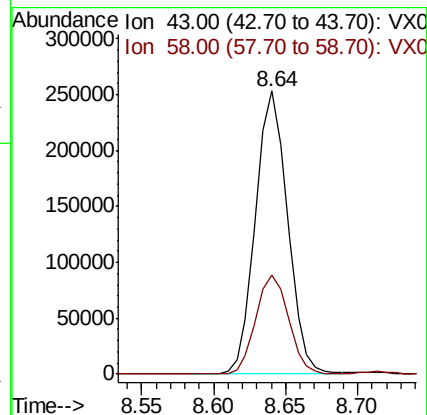
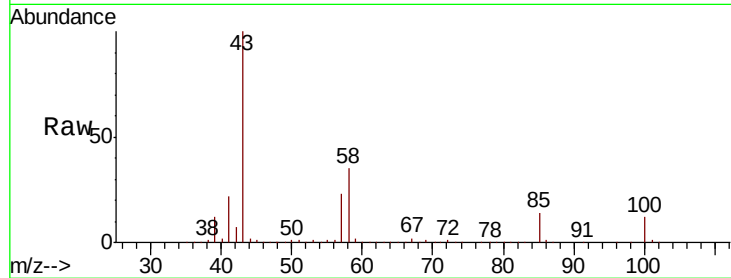
VX0529WBSD01

Tot Ion: 43 Resp: 389095

Ion Ratio Lower Upper

43 100

58 35.8 28.8 43.2



#52

Toluene

Concen: 19.967 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009936.D

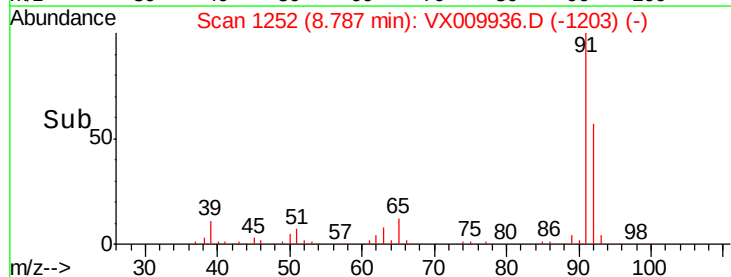
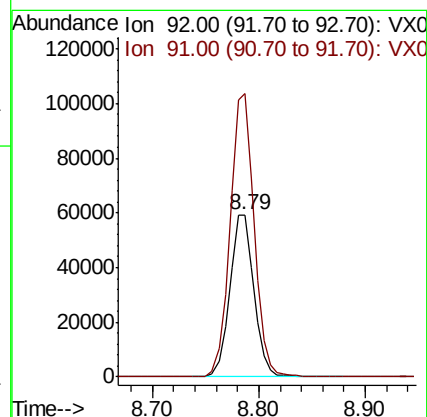
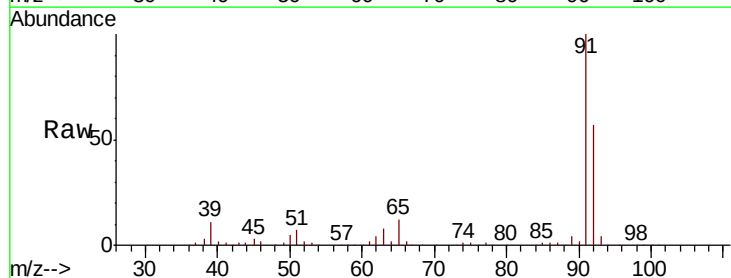
Acq: 29 May 2019 13:42

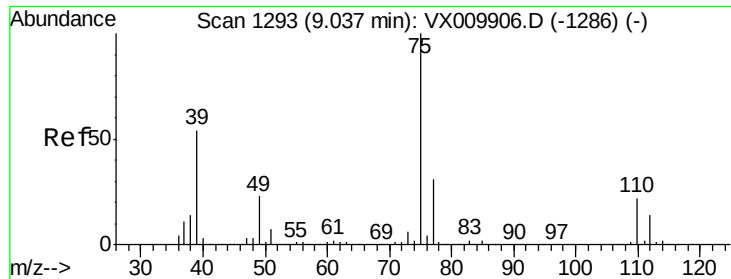
Tgt Ion: 92 Resp: 93956

Ion Ratio Lower Upper

92 100

91 173.9 139.9 209.9

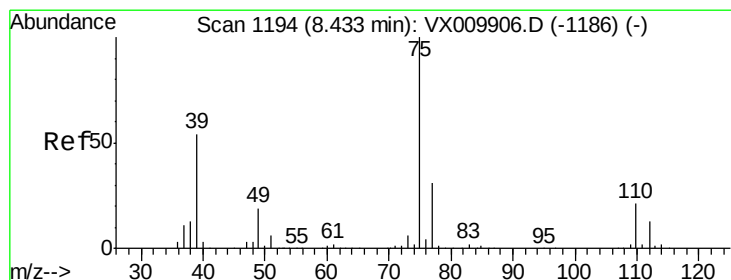
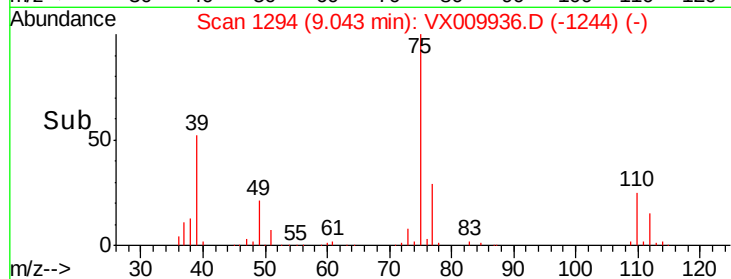
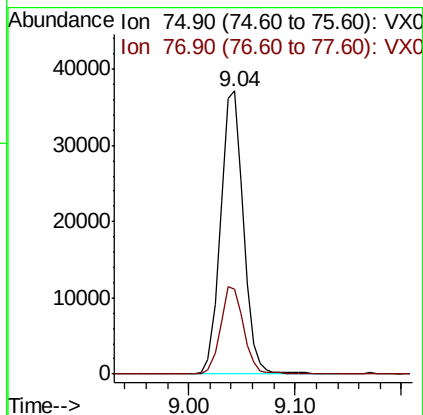
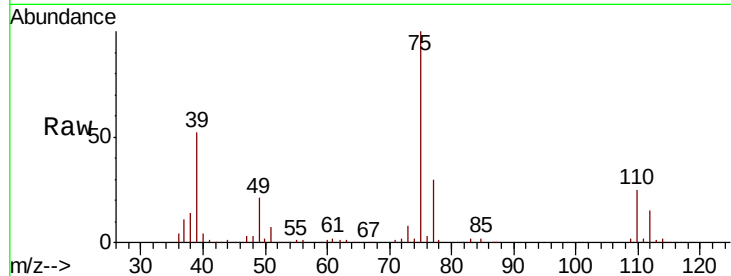




#53
 t-1,3-Dichloropropene
 Concen: 18.629 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

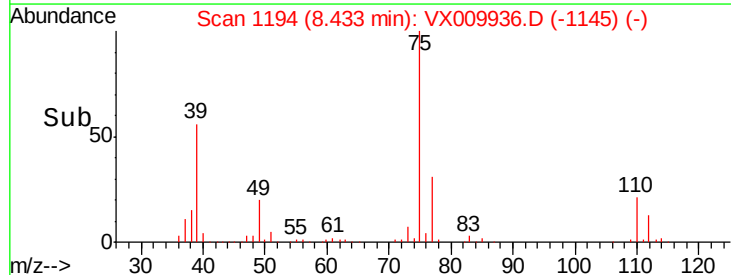
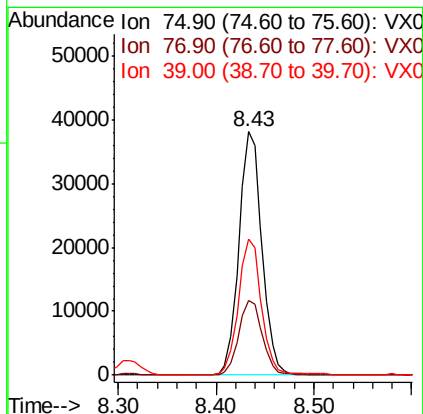
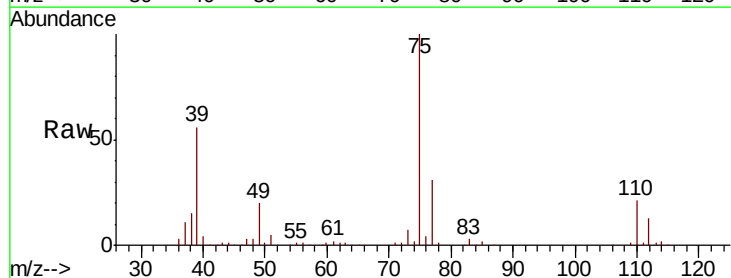
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

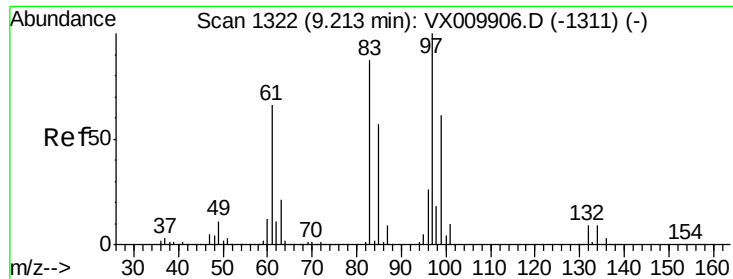
Tot Ion: 75 Resp: 55792
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.104 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 75 Resp: 62340
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 55.7 43.4 65.0

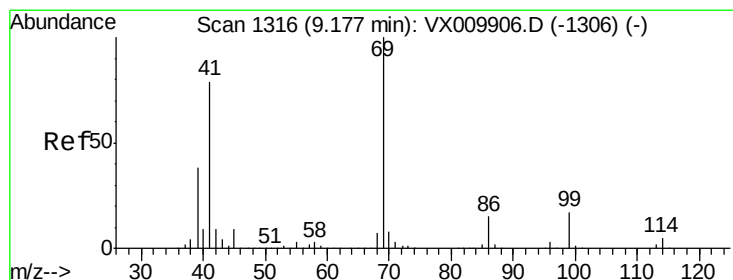
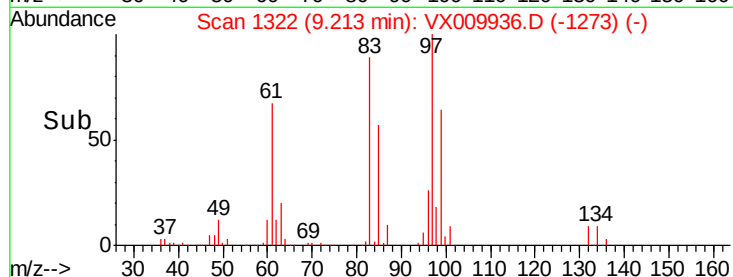
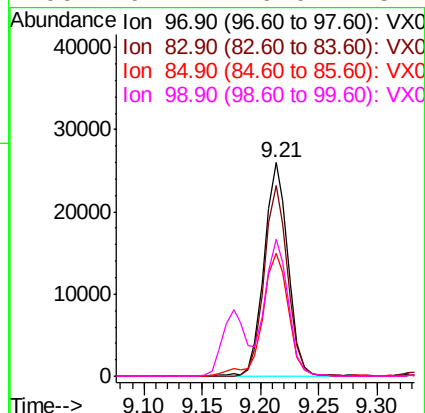
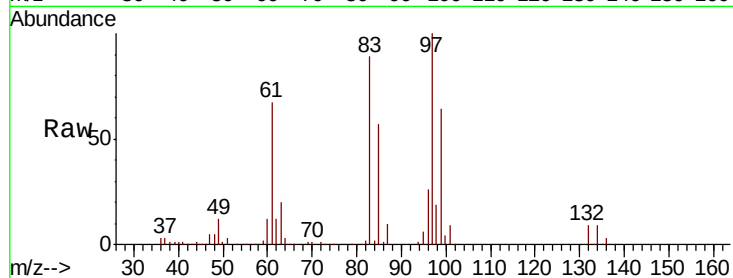




#55
 1,1,2-Trichloroethane
 Concen: 19.771 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

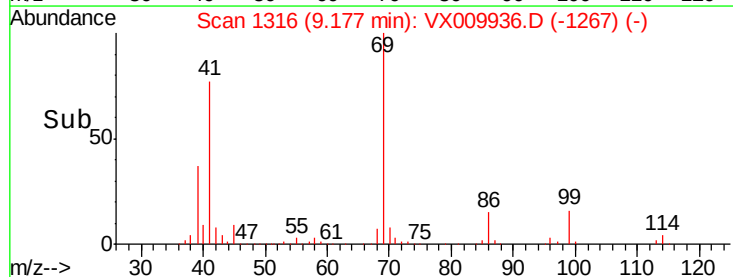
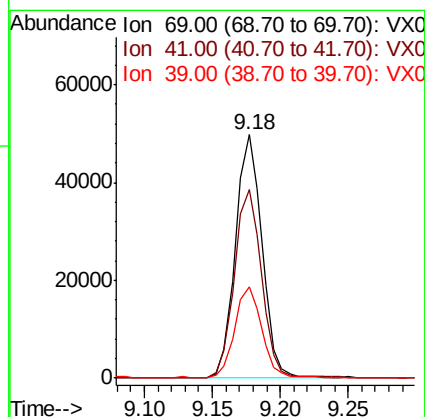
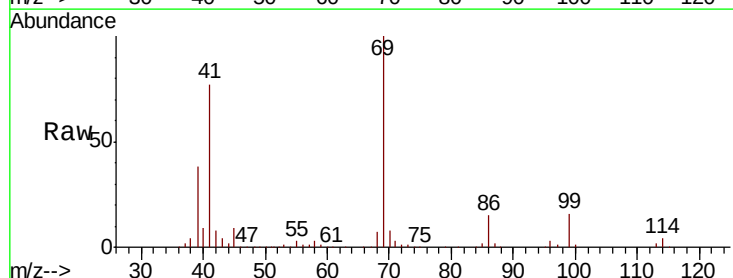
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

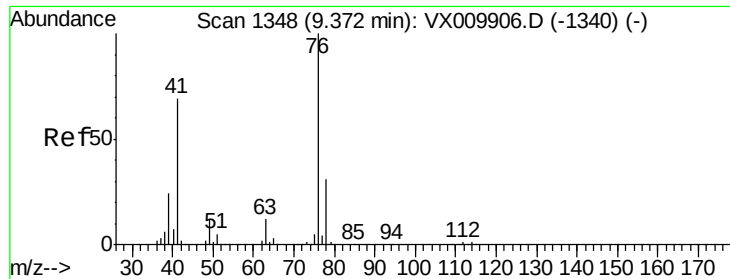
Tot Ion:	97	Resp:	37445
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.8	104.8
85	57.4	45.3	67.9
99	64.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.087 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion:	69	Resp:	67730
Ion	Ratio	Lower	Upper
69	100		
41	80.6	62.7	94.1
39	37.9	29.5	44.3

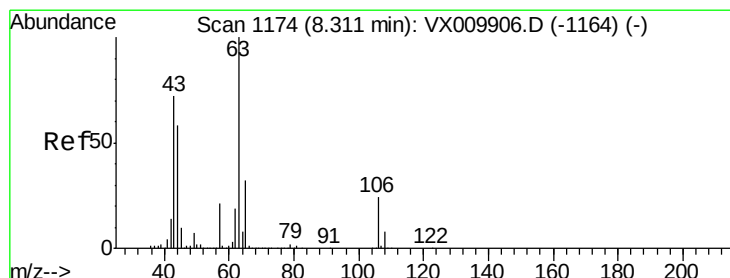
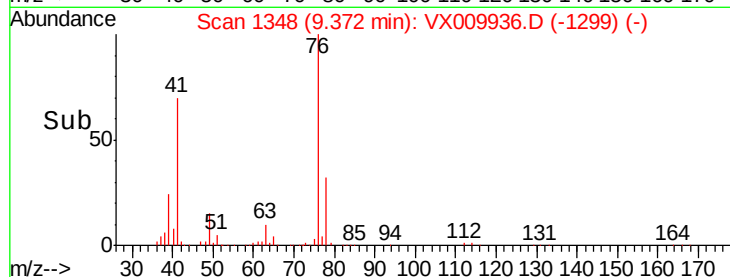
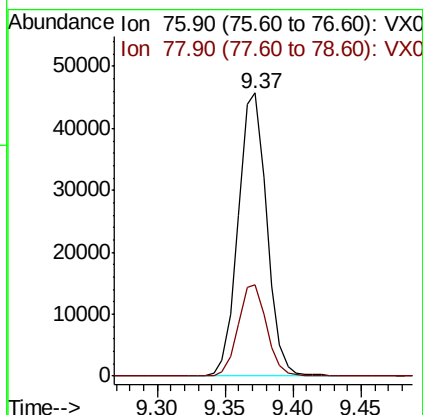
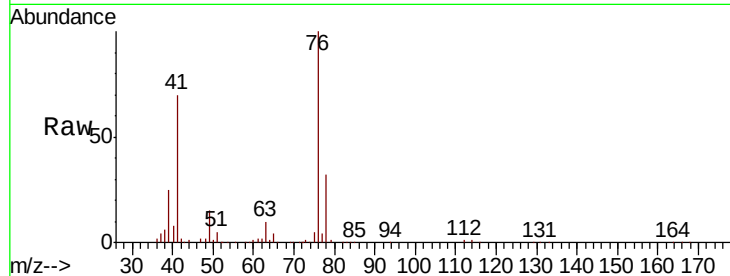




#57
 1,3-Dichloropropane
 Concen: 19.759 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

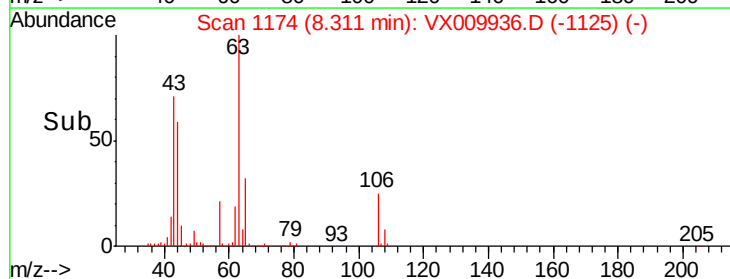
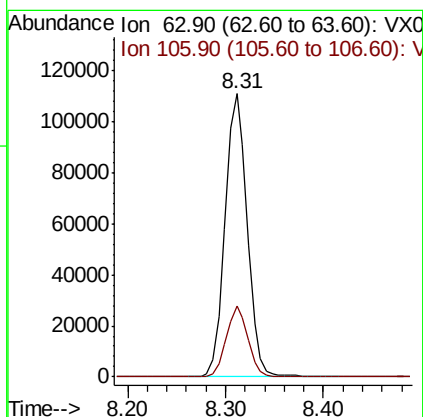
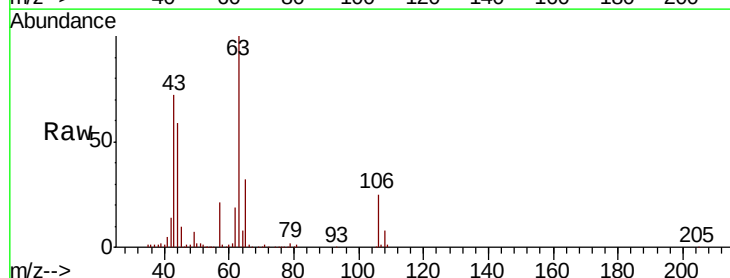
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

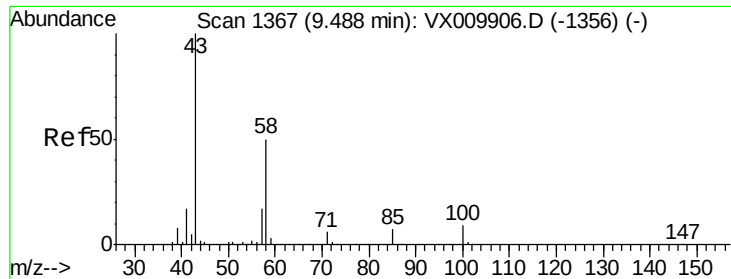
Tot Ion: 76 Resp: 67208
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.289 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion: 63 Resp: 173785
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.4 29.2

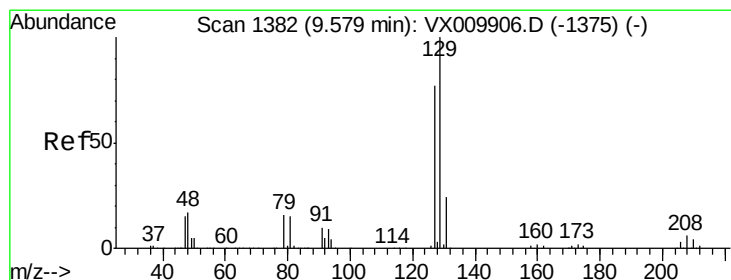
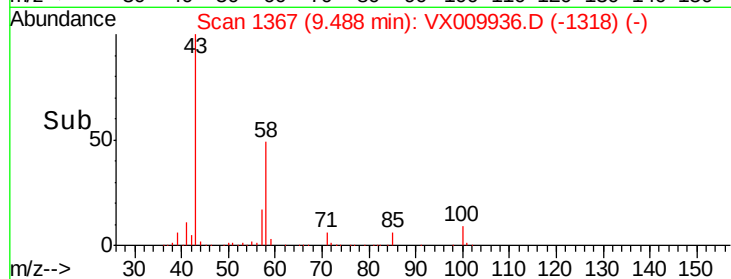
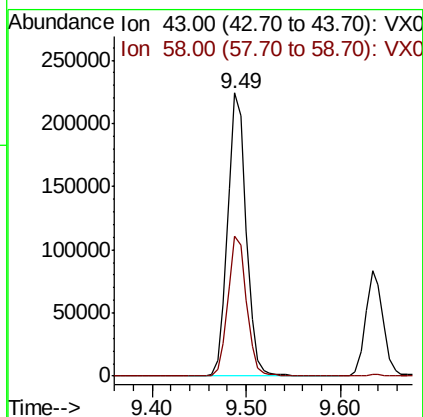
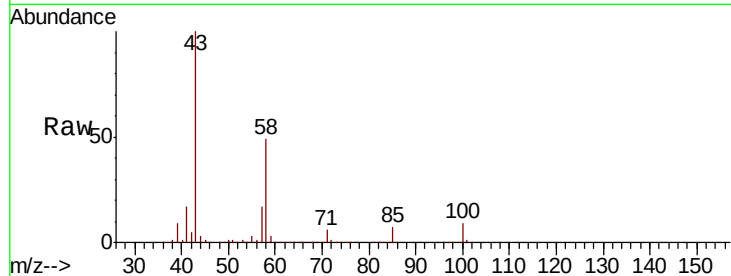




#59
2-Hexanone
Concen: 103.815 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

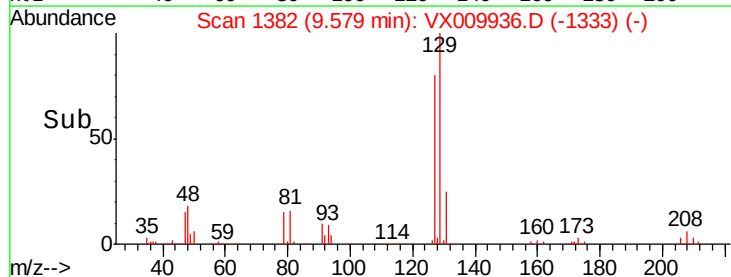
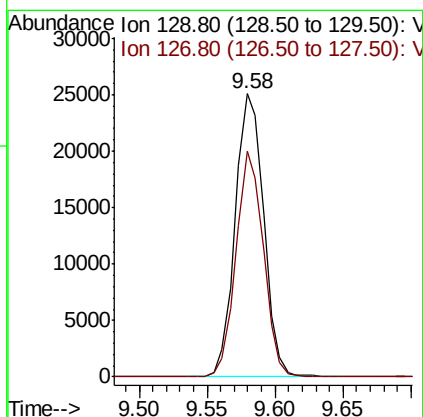
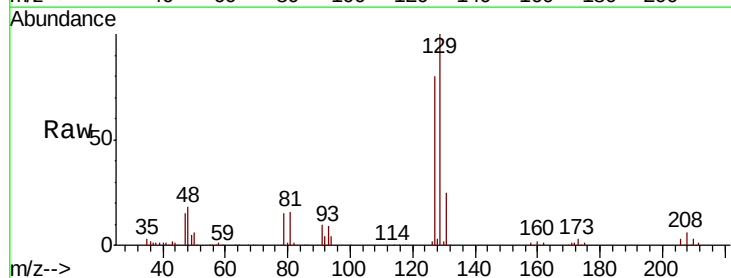
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

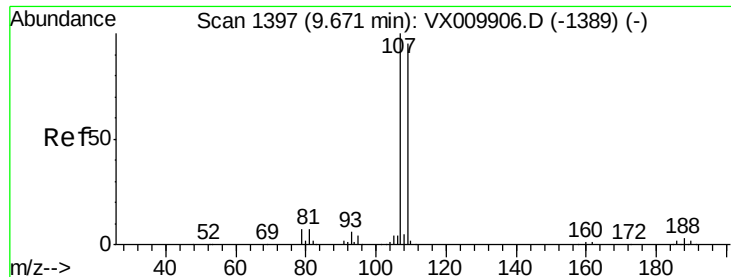
Tot Ion: 43 Resp: 305406
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 19.671 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 129 Resp: 36648
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.291 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

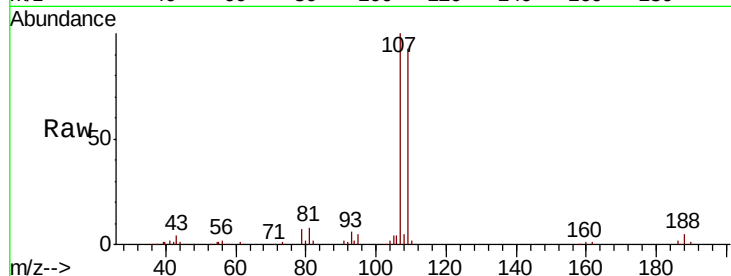
VX0529WBSD01

Tot Ion:107 Resp: 37536

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

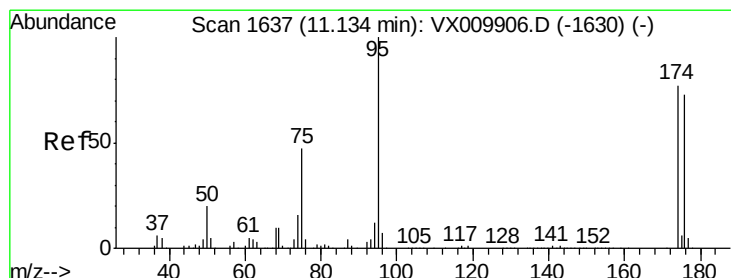
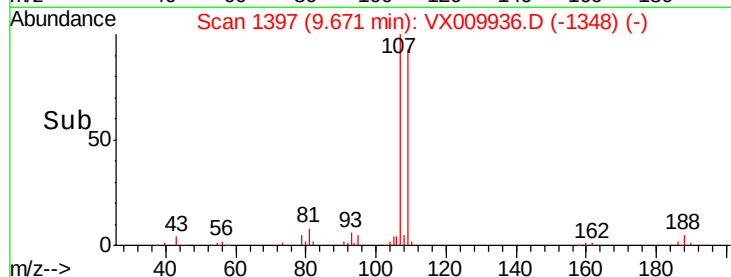
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.306 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

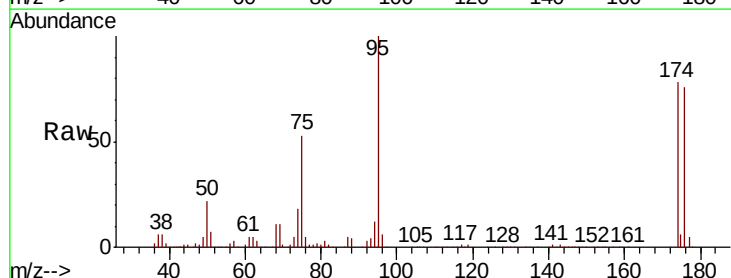
Tgt Ion: 95 Resp: 118786

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

176 78.4 0.0 154.6



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

11.13

120000

100000

80000

60000

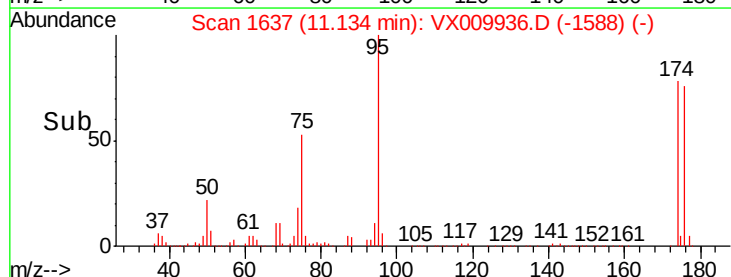
40000

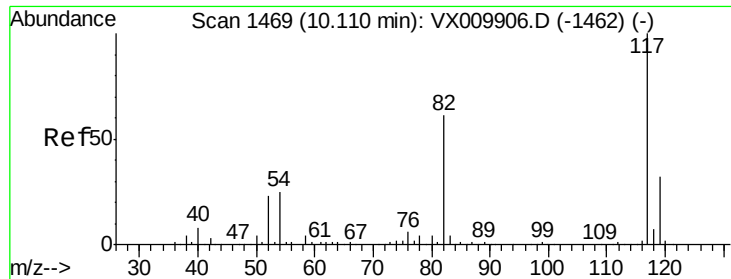
20000

0

Time-->

11.10 11.20

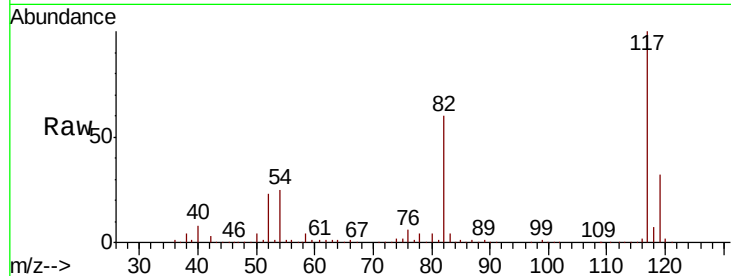




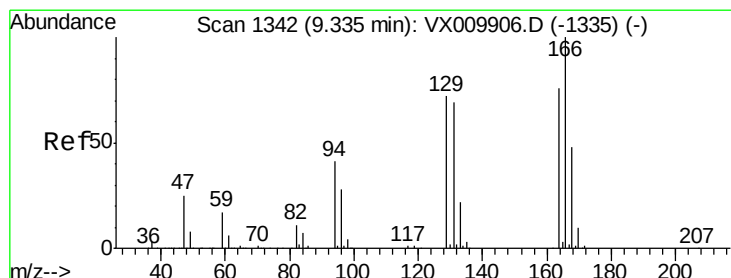
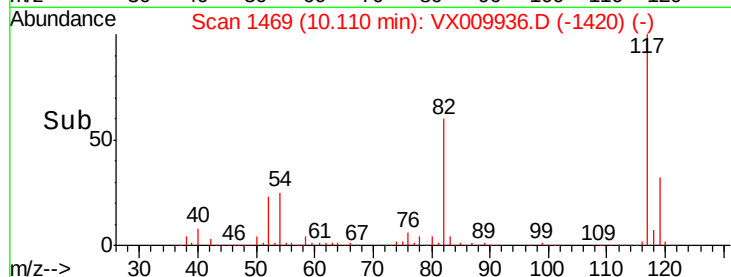
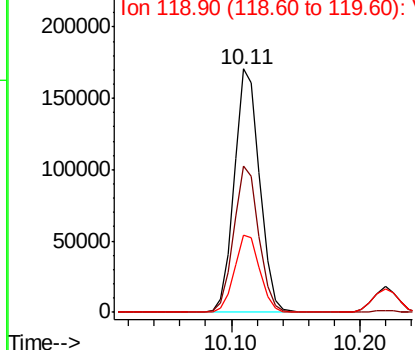
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tot Ion:117 Resp: 233651
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.7 25.2 37.8

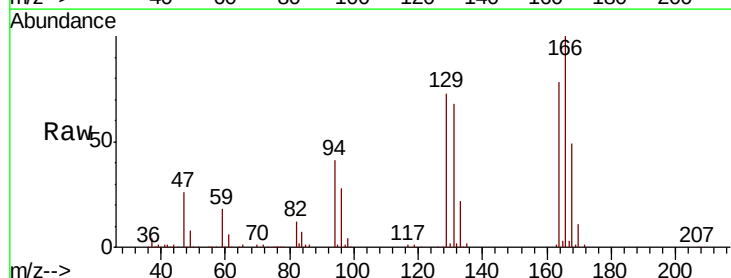


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

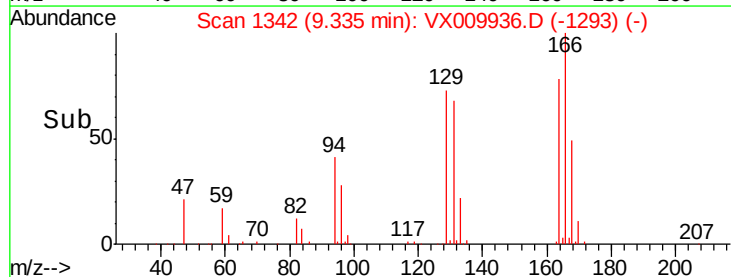
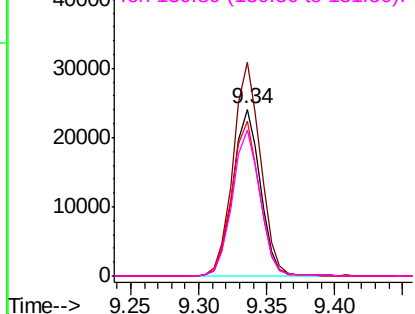


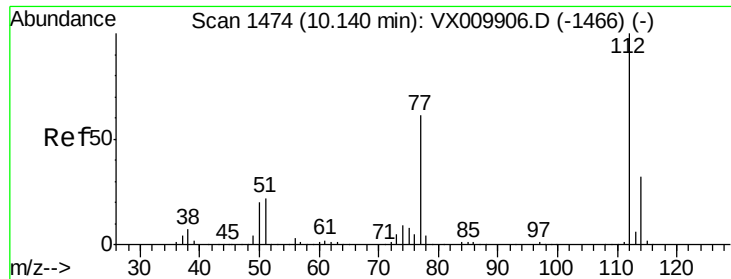
#64
Tetrachloroethene
Concen: 20.739 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion:164 Resp: 33847
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.4
129 92.9 75.1 112.7
131 87.4 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

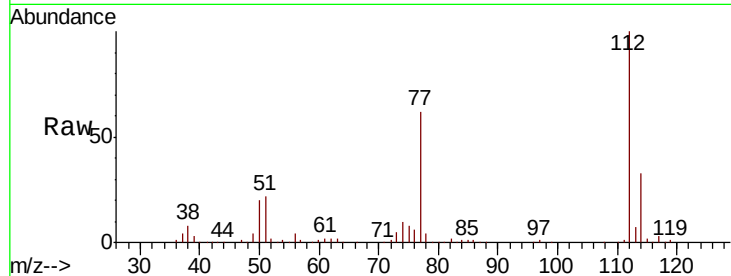




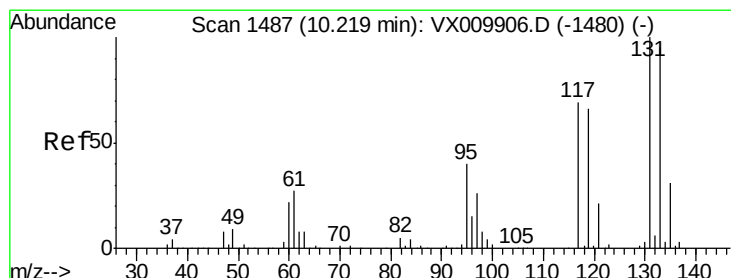
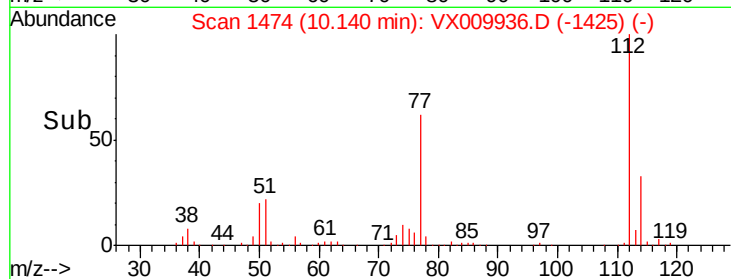
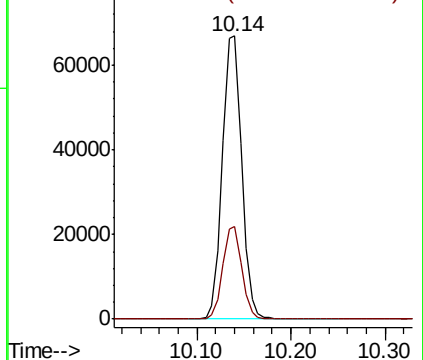
#65
Chlorobenzene
Concen: 19.547 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

Tot Ion:112 Resp: 95612
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8

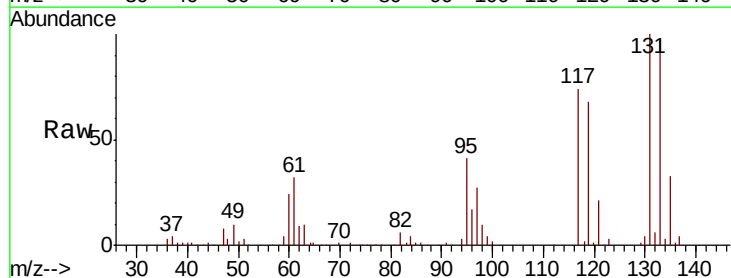


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

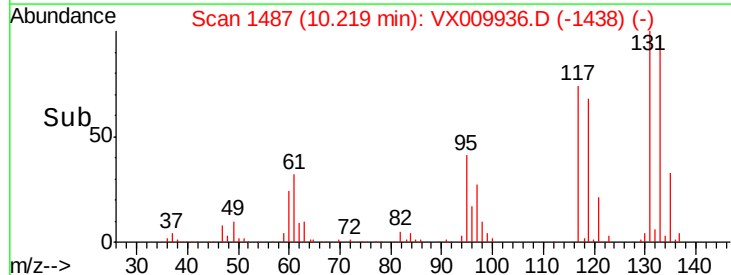
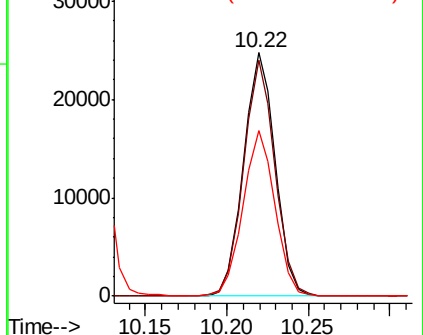


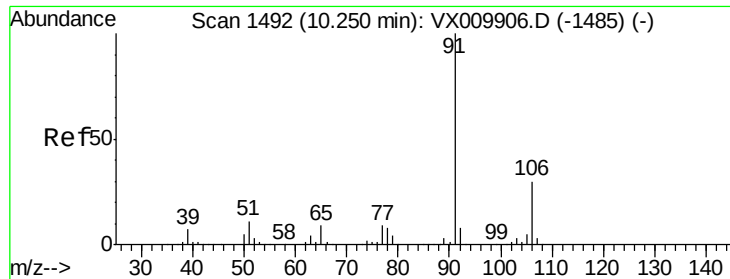
#66
1,1,1,2-Tetrachloroethane
Concen: 19.719 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion:131 Resp: 33455
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 68.5 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

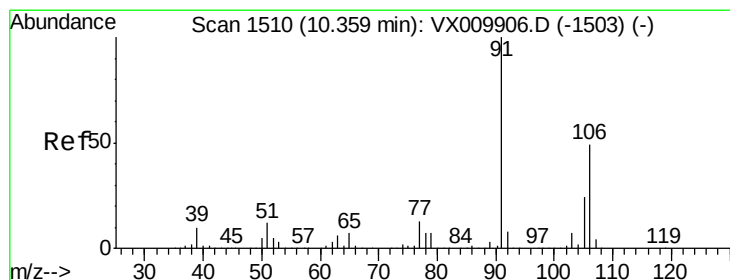
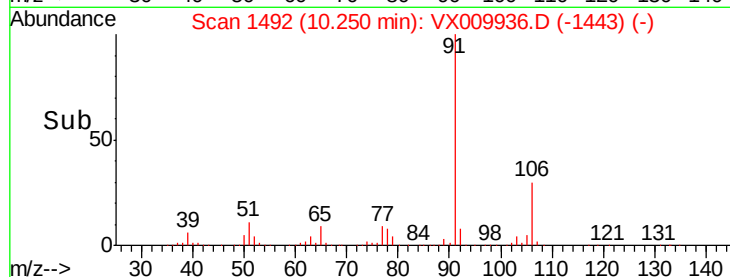
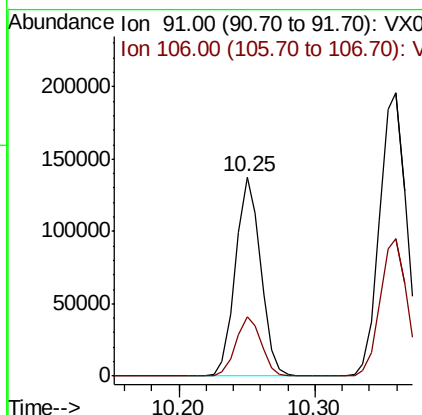
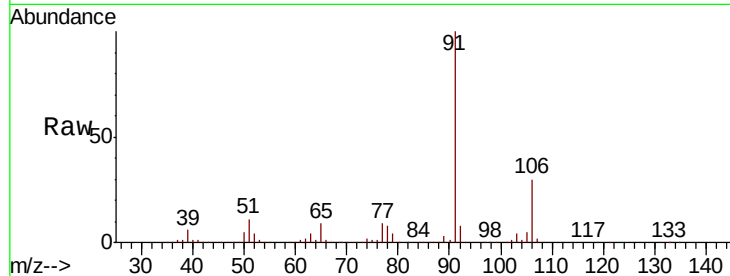




#67
Ethyl Benzene
Concen: 20.225 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

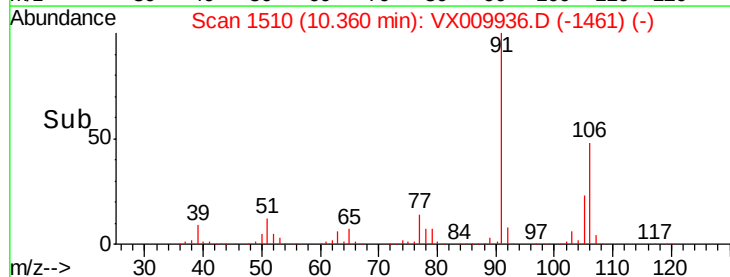
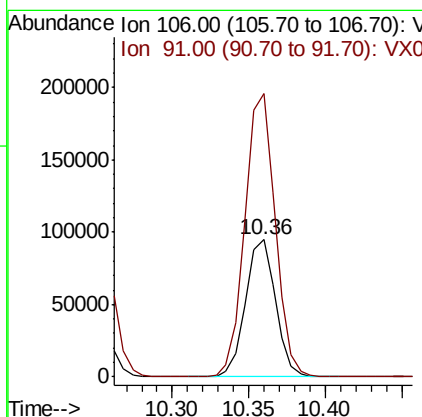
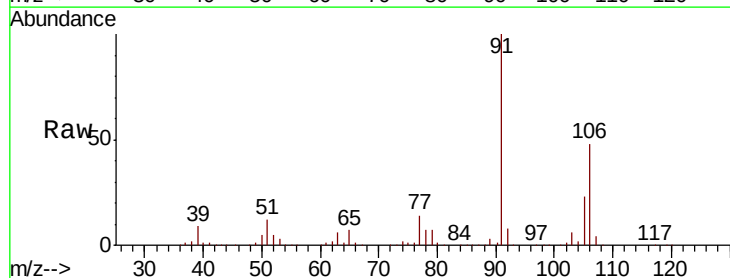
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

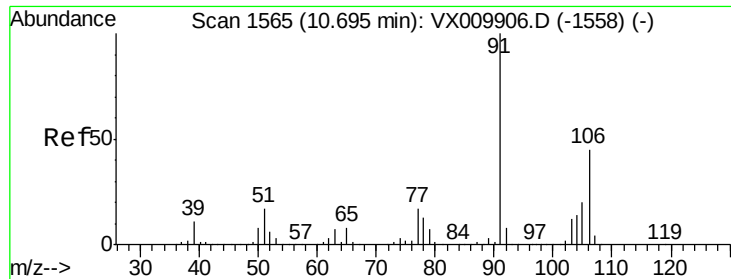
Tot Ion: 91 Resp: 177630
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9



#68
m/p-Xylenes
Concen: 39.925 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 106 Resp: 129543
Ion Ratio Lower Upper
106 100
91 209.4 167.3 250.9

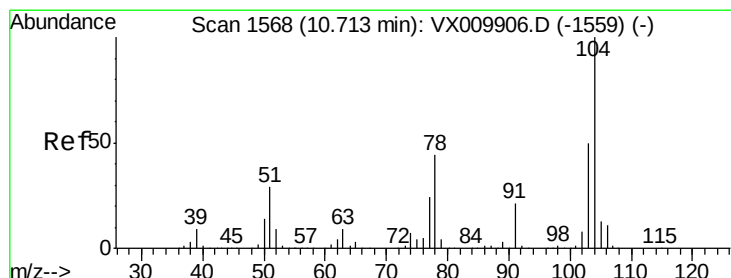
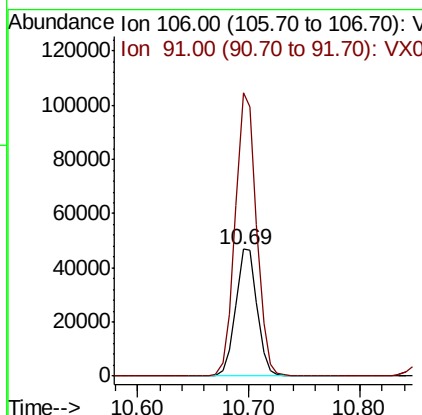
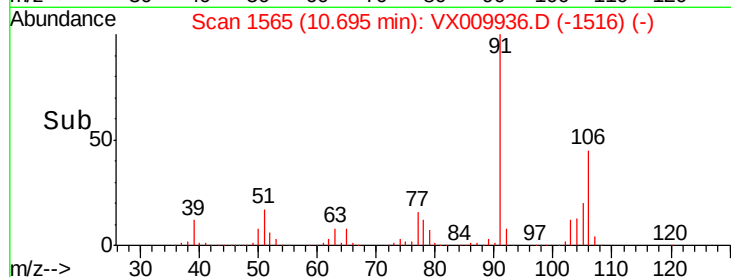
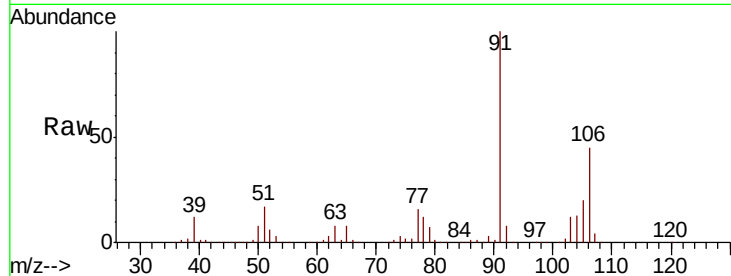




#69
o-Xylene
Concen: 20.079 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

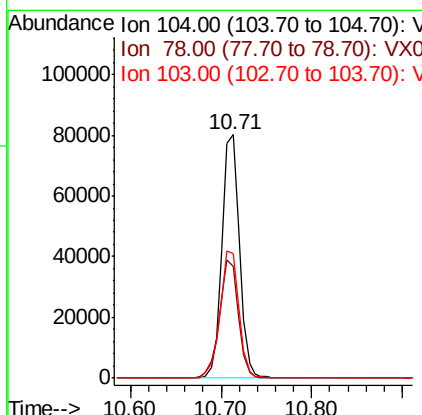
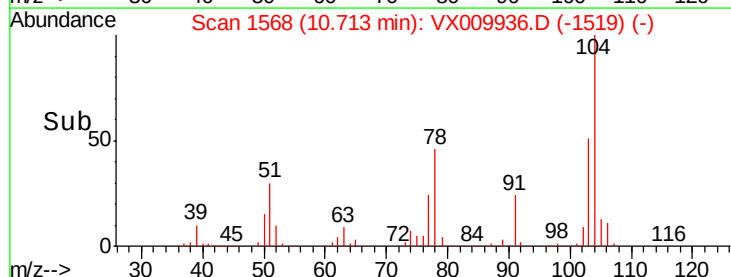
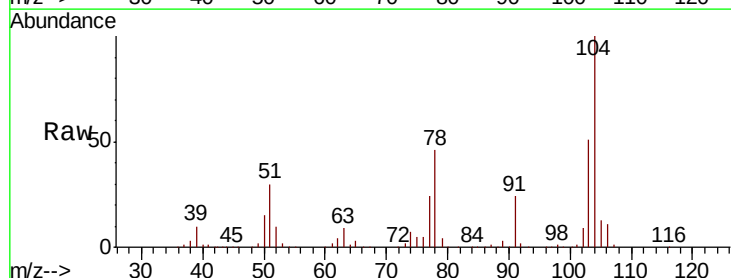
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

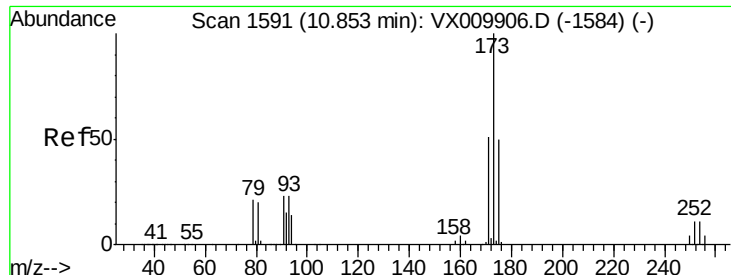
Tot Ion:106 Resp: 62482
Ion Ratio Lower Upper
106 100
91 221.0 110.4 331.2



#70
Styrene
Concen: 19.827 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion:104 Resp: 108185
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 56.0 44.1 66.1





#71

Bromoform

Concen: 19.471 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

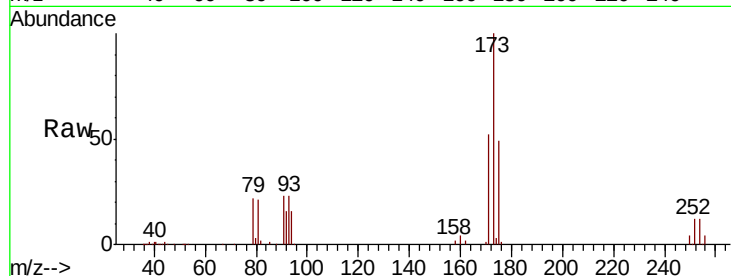
Tot Ion:173 Resp: 27002

Ion Ratio Lower Upper

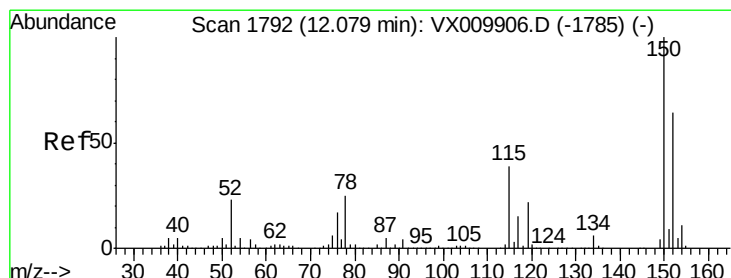
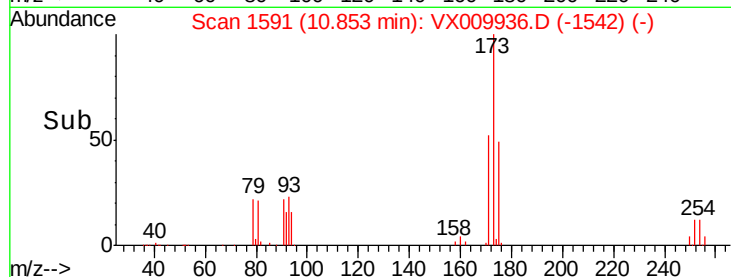
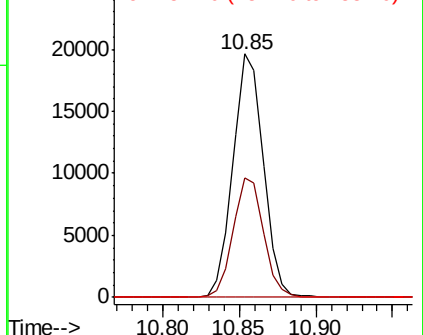
173 100

175 48.9 25.0 75.0

254 0.1 0.2 0.2#



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: VX009936.D

Acq: 29 May 2019 13:42

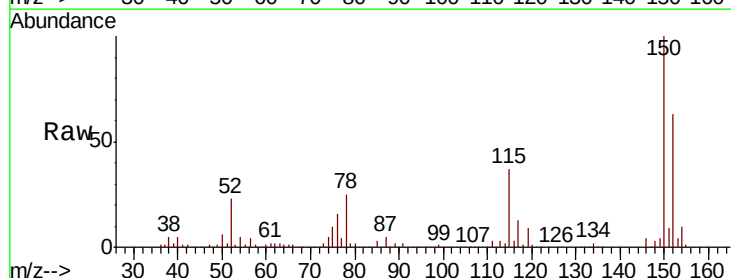
Tgt Ion:152 Resp: 113275

Ion Ratio Lower Upper

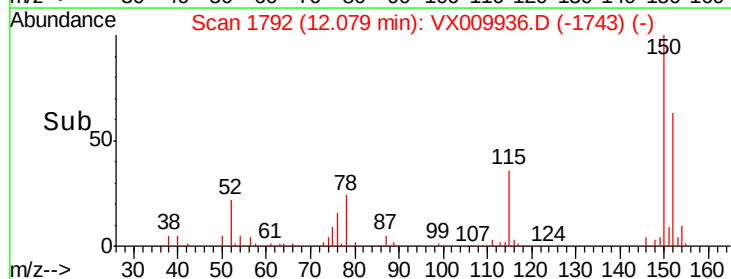
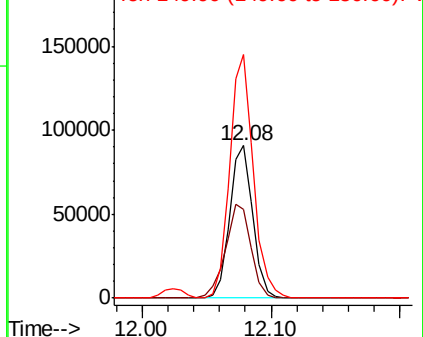
152 100

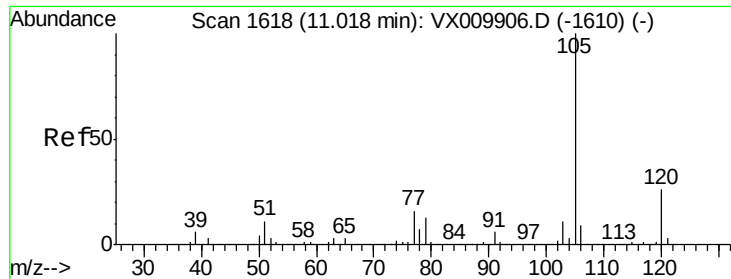
115 68.9 41.4 124.2

150 164.3 0.0 345.2



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: 20.225 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

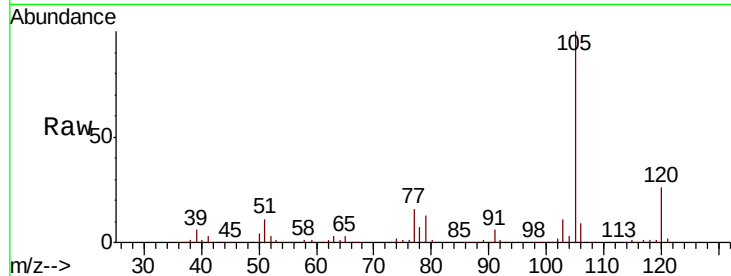
VX0529WBSD01

Tot Ion:105 Resp: 169031

Ion Ratio Lower Upper

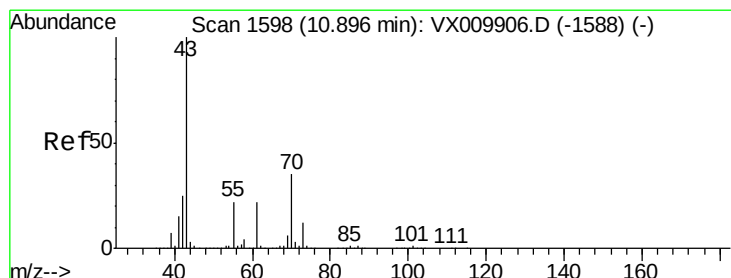
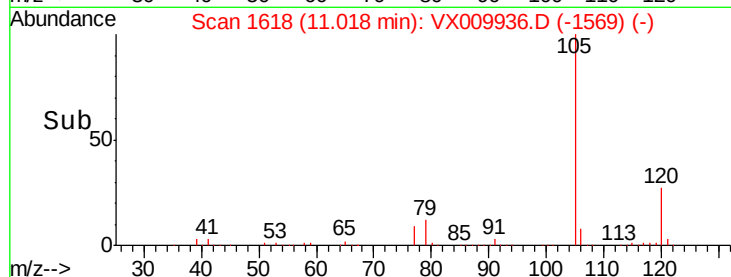
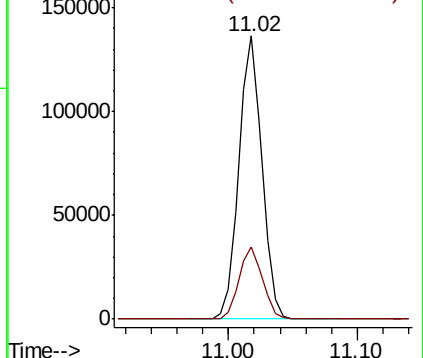
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Tgt Ion: 43 Resp: 100420

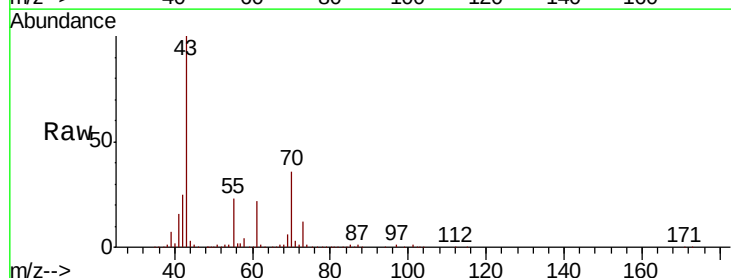
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.9 17.8 26.8

61 21.3 17.7 26.5

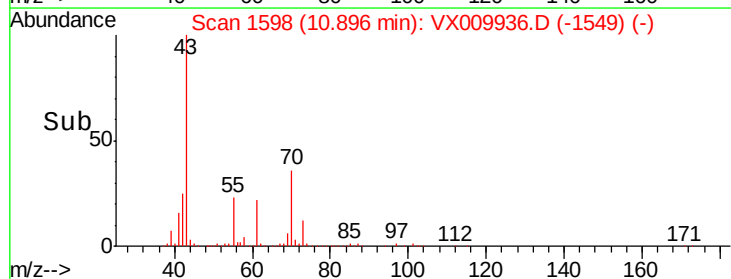
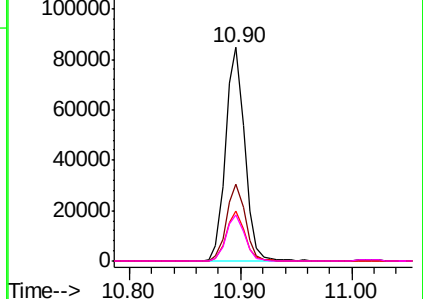


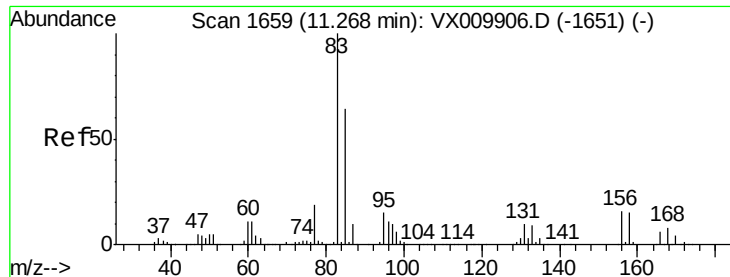
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.977 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

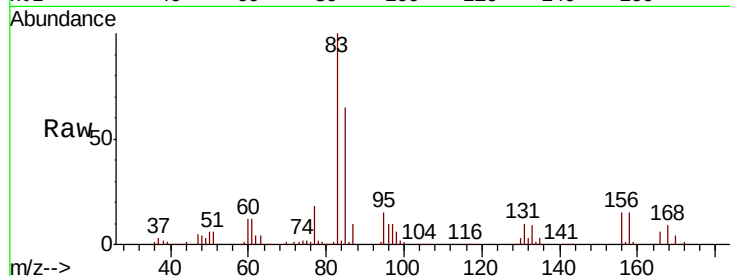
Tot Ion: 83 Resp: 62290

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

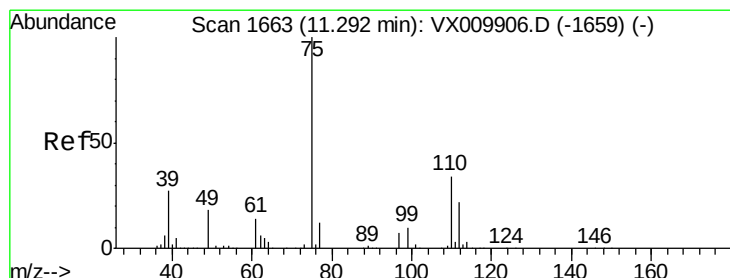
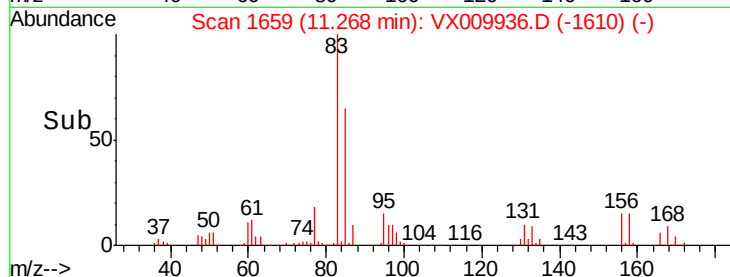
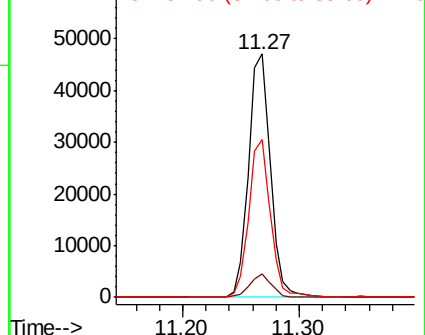
85 64.2 31.9 95.9



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: 26.700 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009936.D

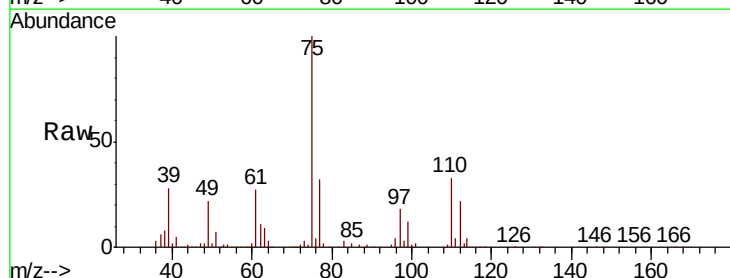
Acq: 29 May 2019 13:42

Tgt Ion: 75 Resp: 72323

Ion Ratio Lower Upper

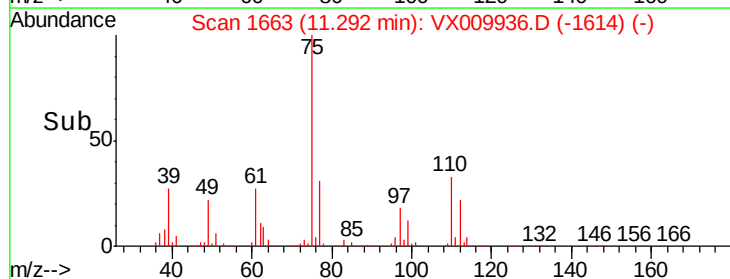
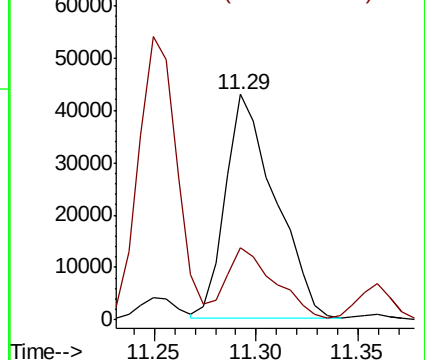
75 100

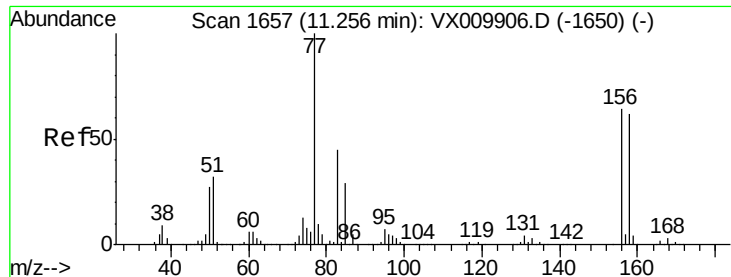
77 31.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.523 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampled :

VX0529WBSD01

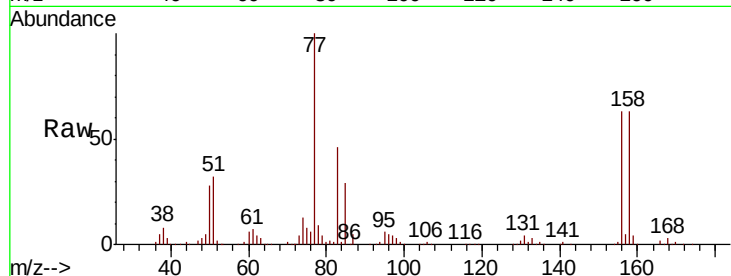
Tot Ion:156 Resp: 41583

Ion Ratio Lower Upper

156 100

77 170.0 86.8 260.3

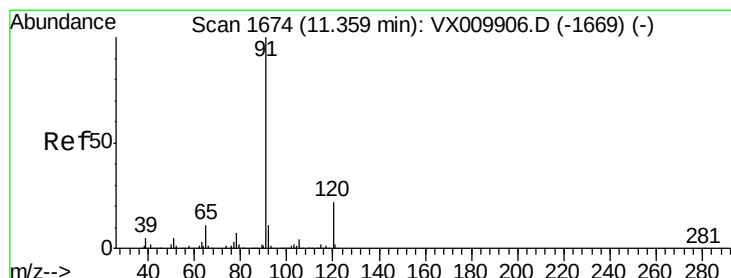
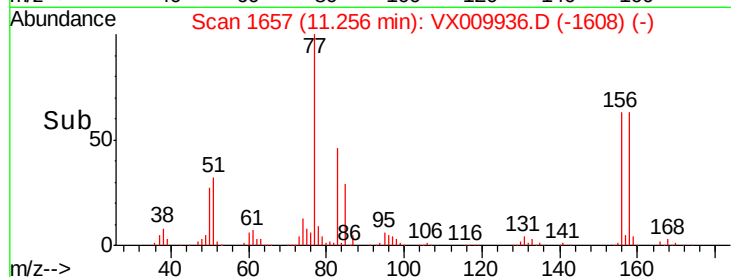
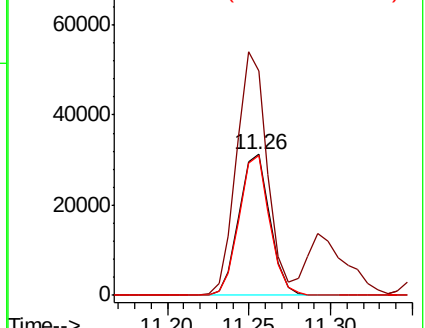
158 98.0 49.6 148.8



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: 20.278 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009936.D

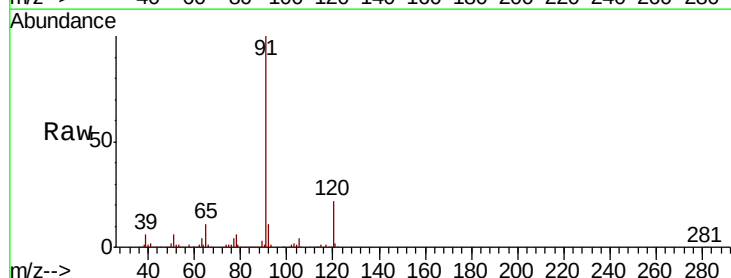
Acq: 29 May 2019 13:42

Tgt Ion: 91 Resp: 195348

Ion Ratio Lower Upper

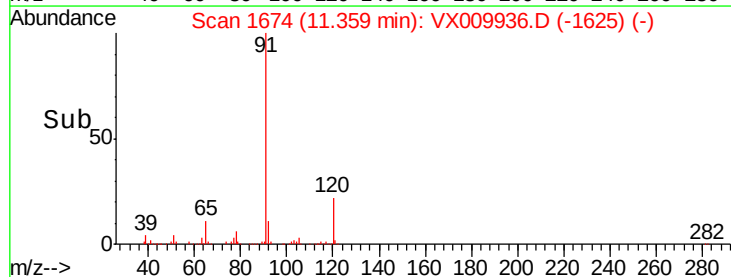
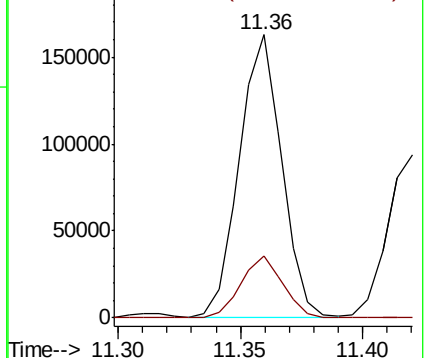
91 100

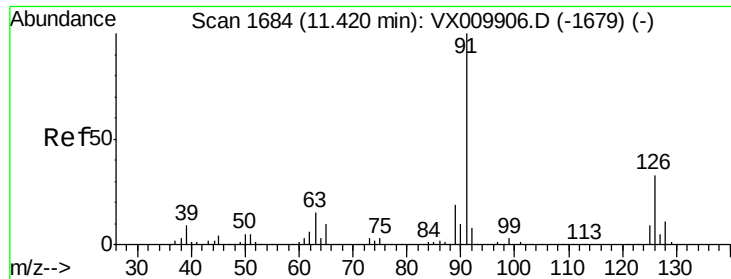
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

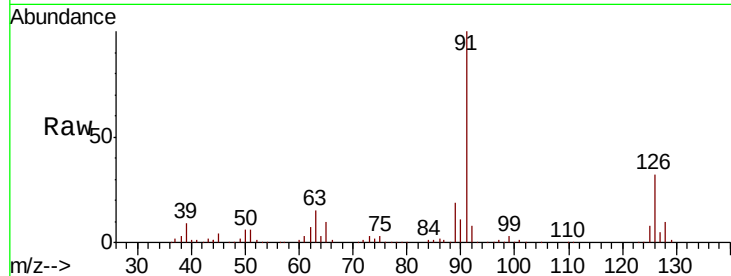




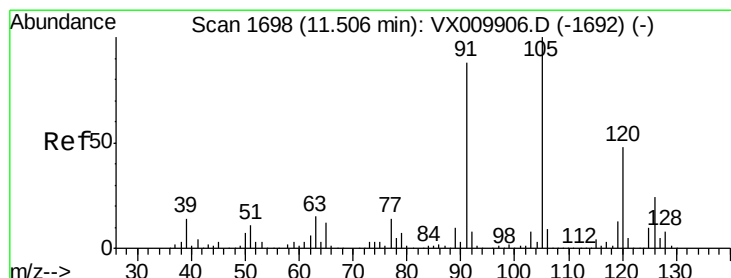
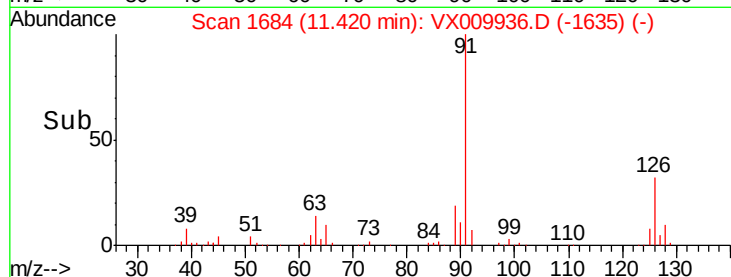
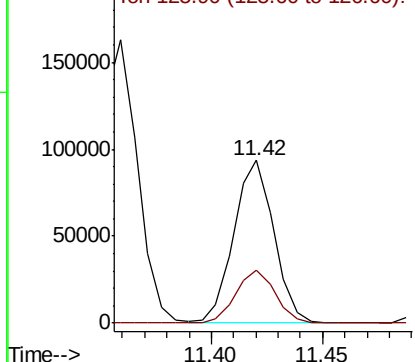
#79
 2-Chlorotoluene
 Concen: 19.819 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tot Ion: 91 Resp: 116650
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3

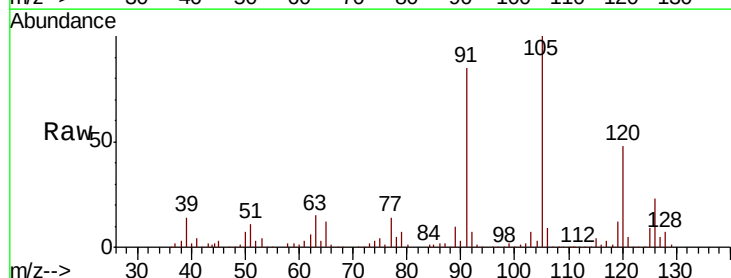


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

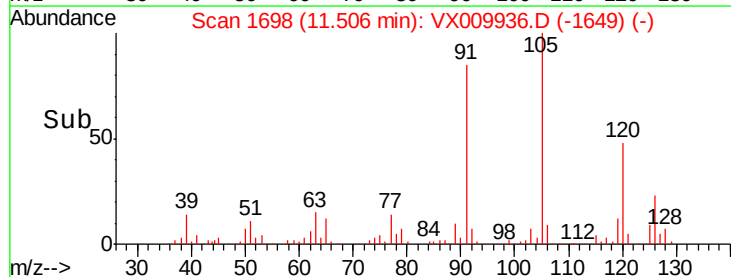
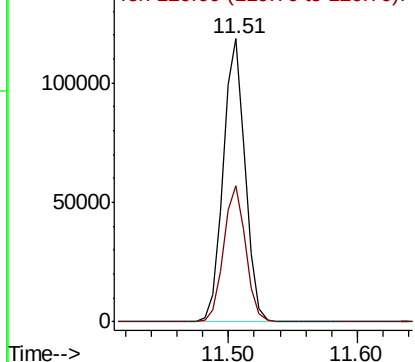


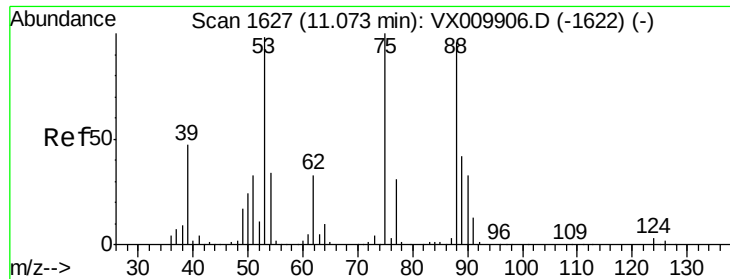
#80
 1,3,5-Trimethylbenzene
 Concen: 20.240 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion:105 Resp: 142507
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.995 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

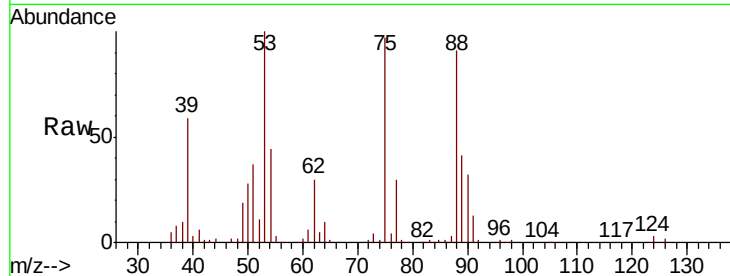
Tot Ion: 75 Resp: 19701

Ion Ratio Lower Upper

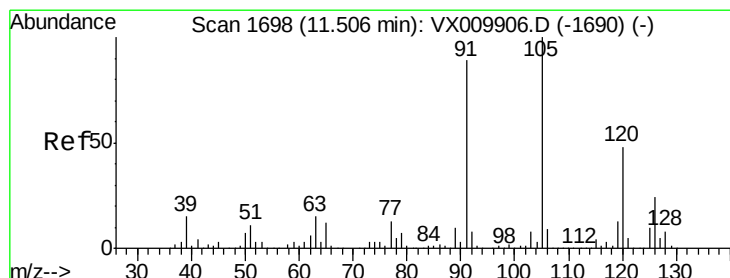
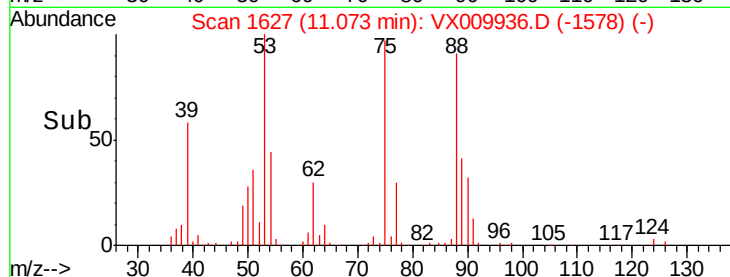
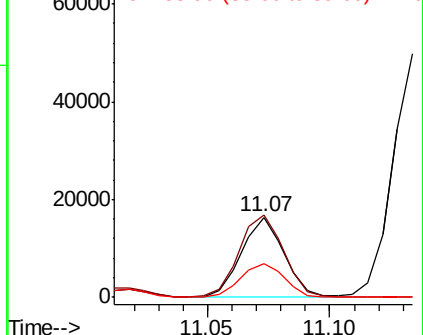
75 100

53 107.8 79.8 119.6

89 44.2 34.2 51.4



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: 19.379 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009936.D

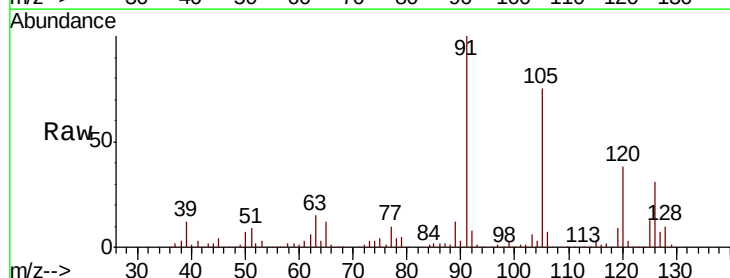
Acq: 29 May 2019 13:42

Tgt Ion: 91 Resp: 132779

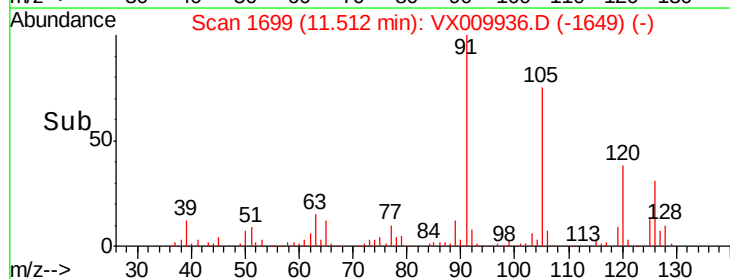
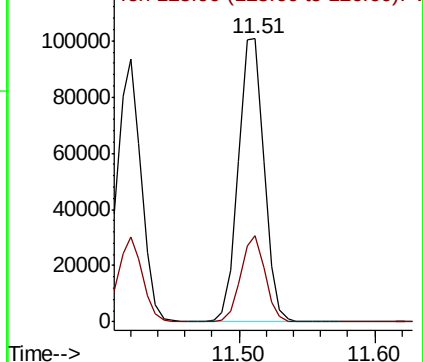
Ion Ratio Lower Upper

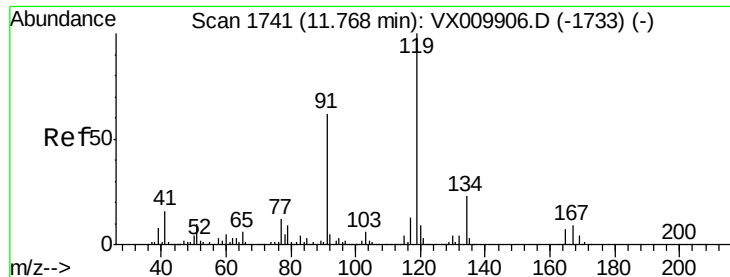
91 100

126 28.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

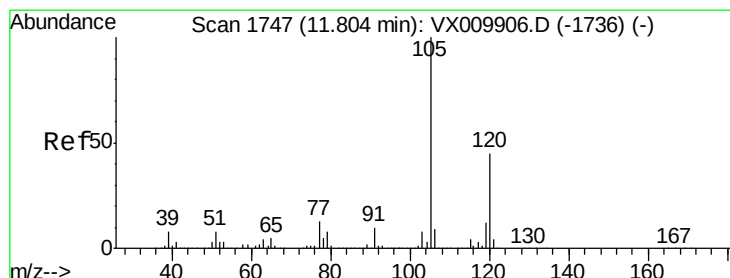
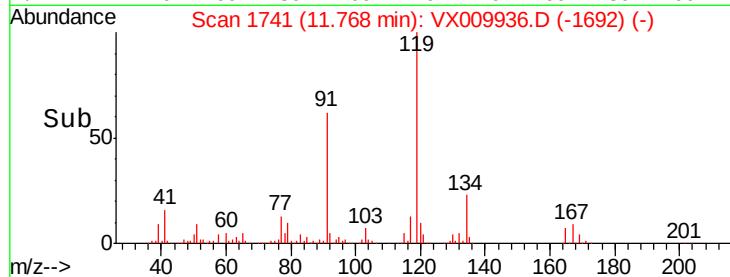
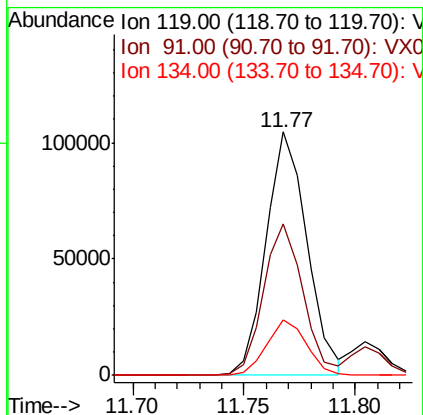
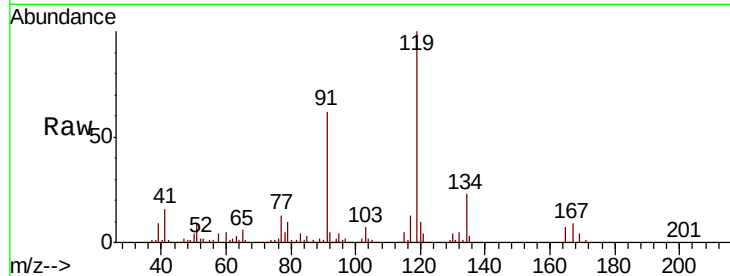




#83
 tert-Butylbenzene
 Concen: 19.861 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

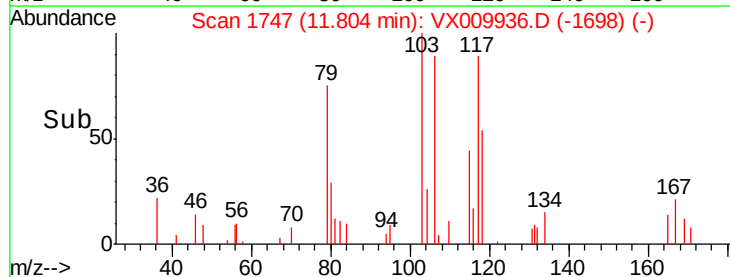
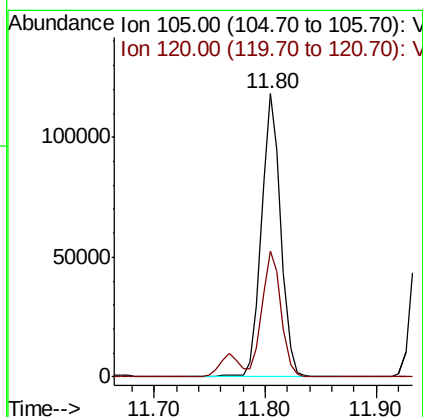
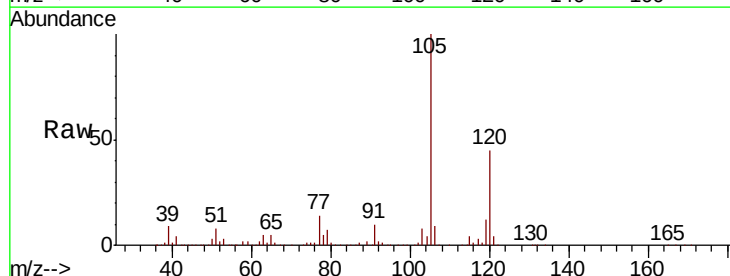
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529WBSD01

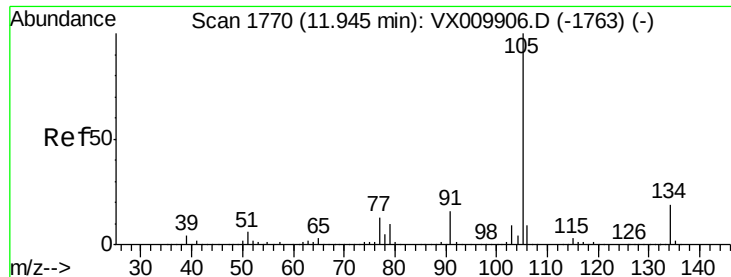
Tot Ion:119 Resp: 133788
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.0
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.085 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion:105 Resp: 143618
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.185 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

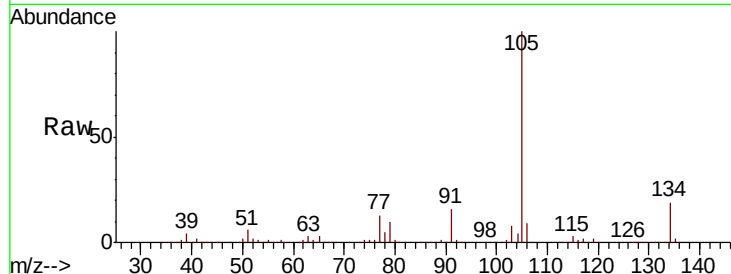
VX0529WBSD01

Tot Ion:105 Resp: 161758

Ion Ratio Lower Upper

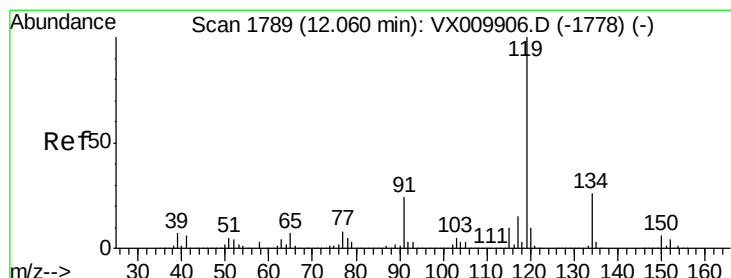
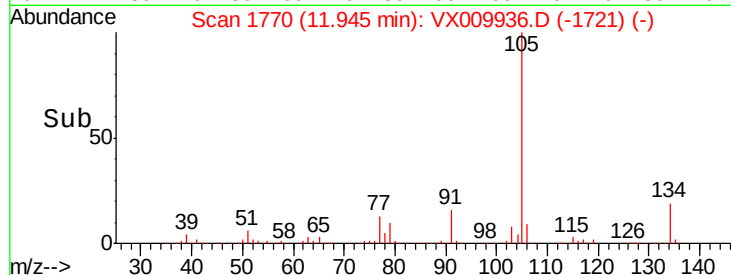
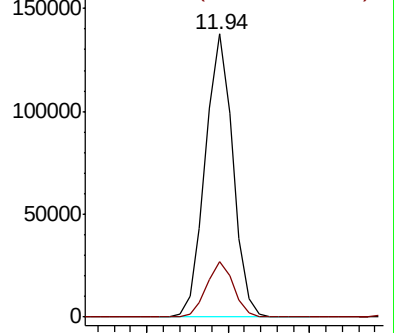
105 100

134 19.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.328 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

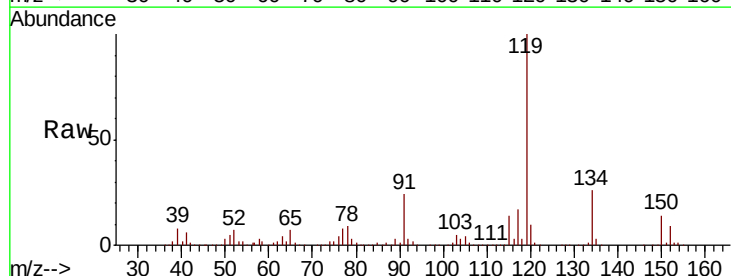
Tgt Ion:119 Resp: 146530

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

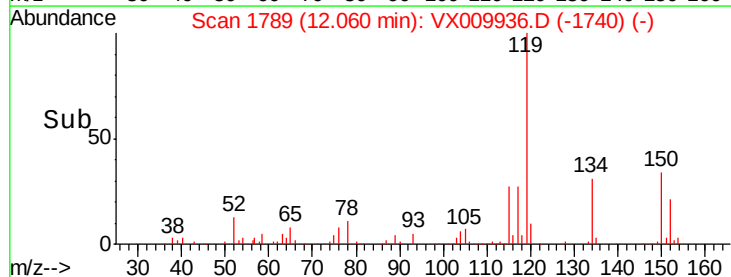
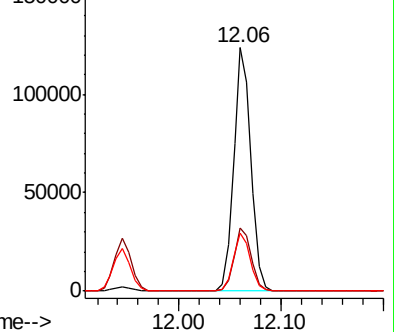
91 24.1 11.9 35.9

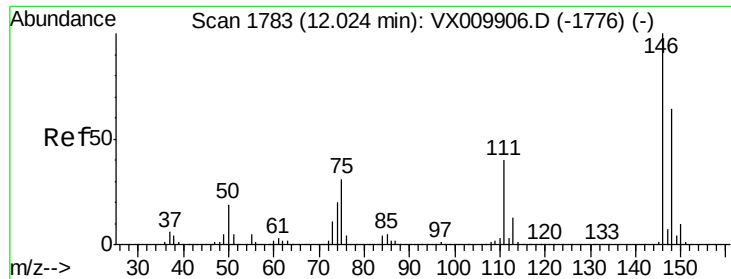


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

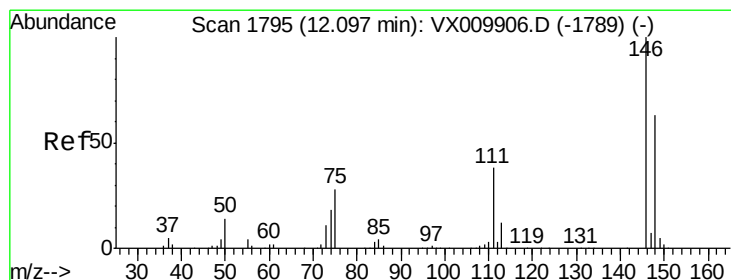
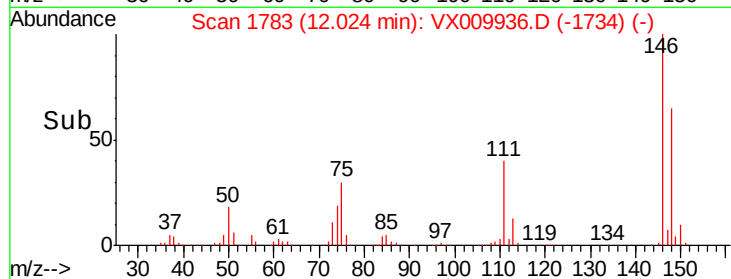
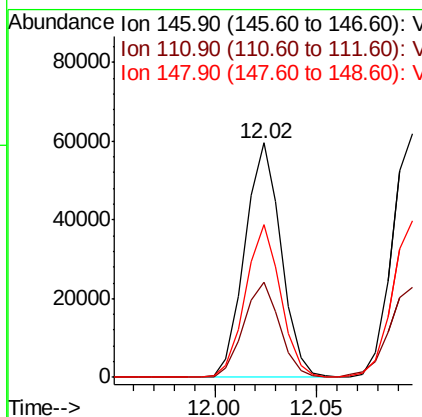
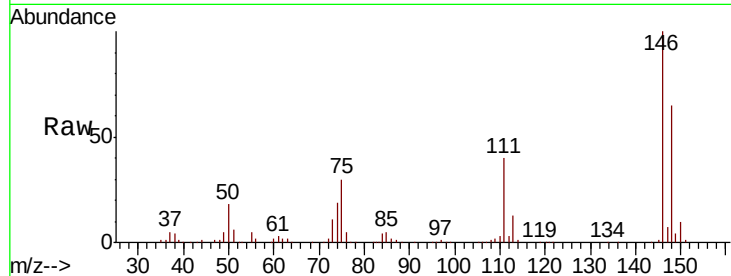




#87
 1,3-Dichlorobenzene
 Concen: 19.359 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

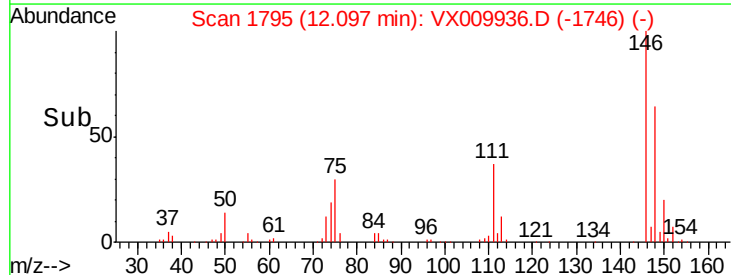
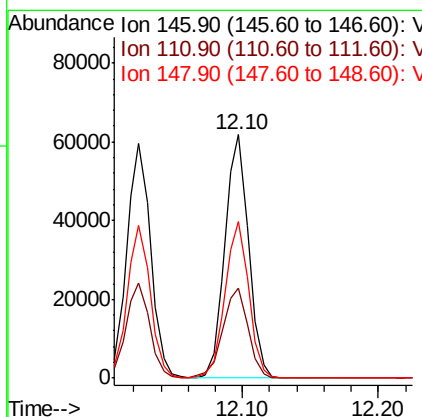
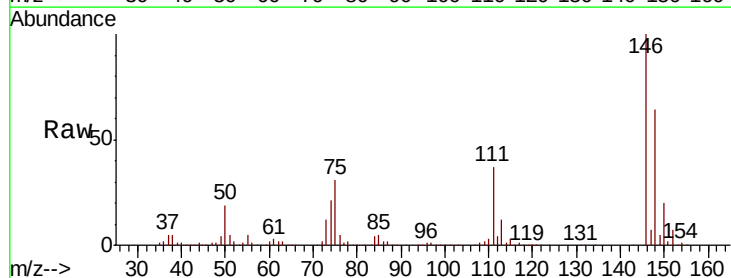
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

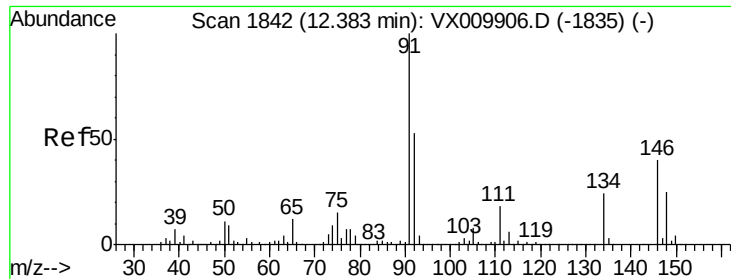
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.231 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.4	32.3	96.9

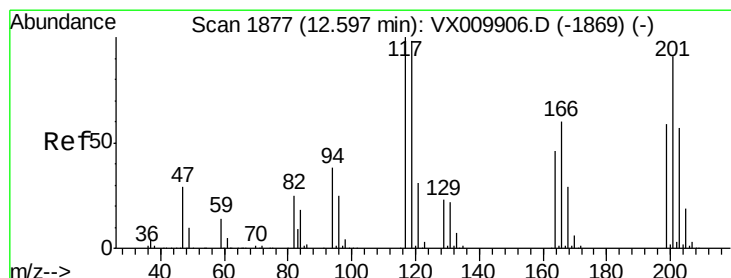
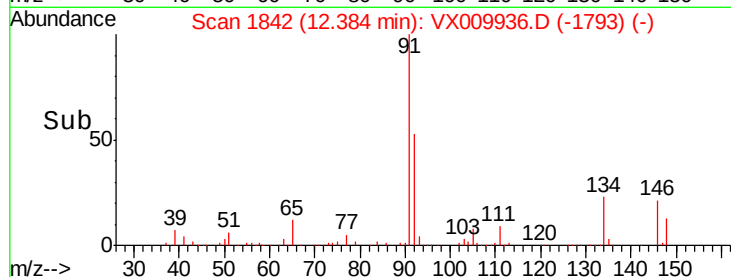
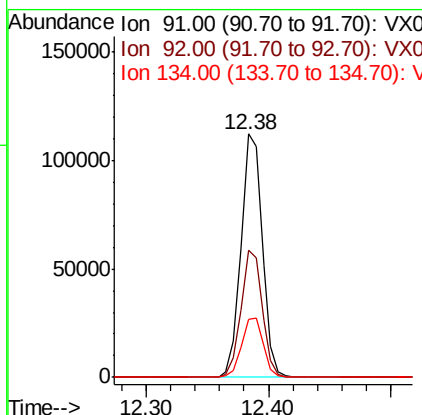
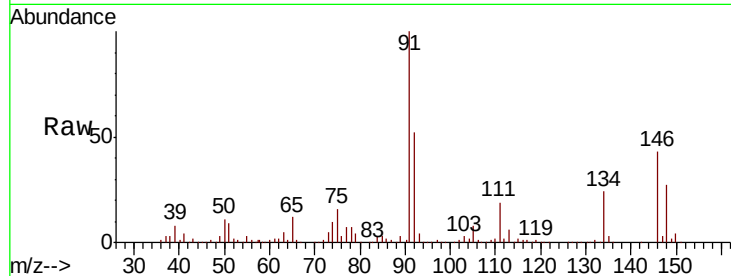




#89
n-Butylbenzene
Concen: 19.864 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

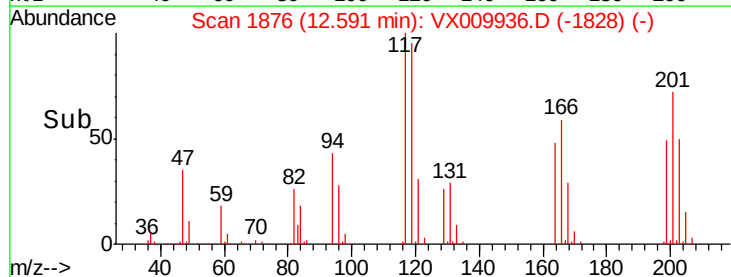
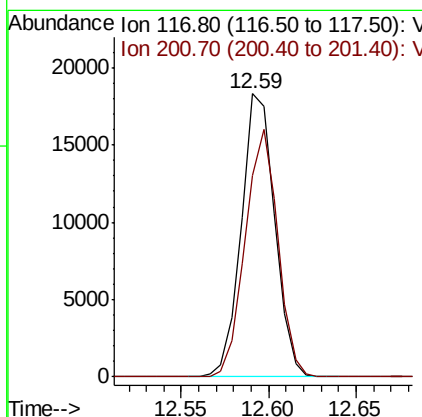
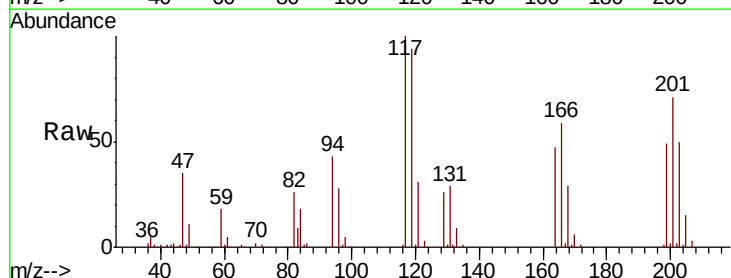
Instrument :
MSVOA_X
ClientSampled :
VX0529WBSD01

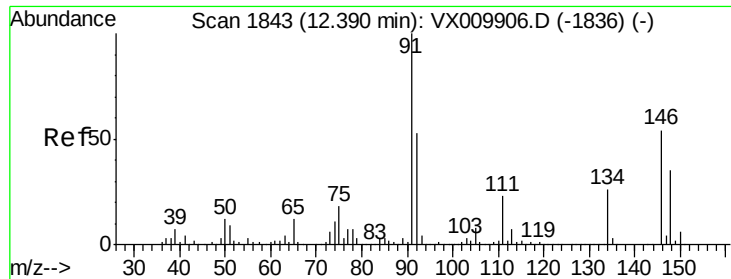
Tot Ion: 91 Resp: 134564
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.8
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 19.683 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009936.D
Acq: 29 May 2019 13:42

Tgt Ion: 117 Resp: 24349
Ion Ratio Lower Upper
117 100
201 85.3 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 19.912 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

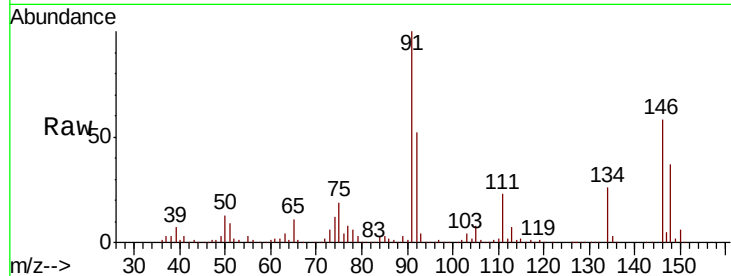
Tot Ion:146 Resp: 74441

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

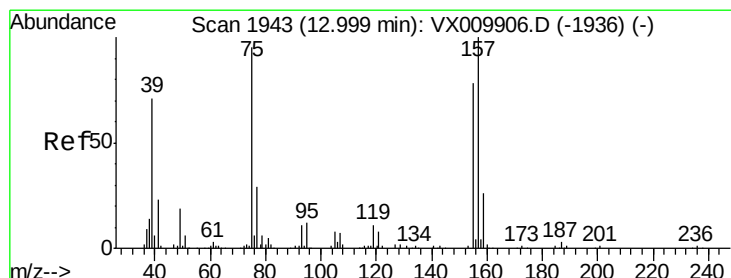
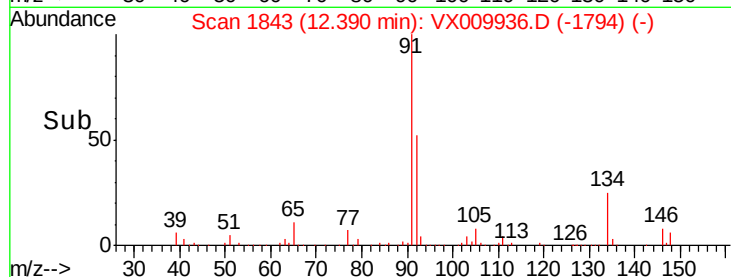
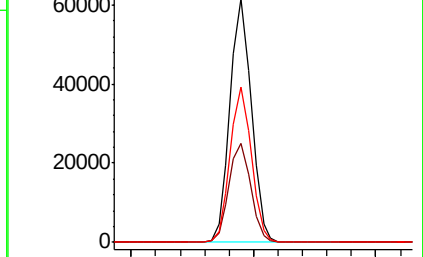
148 63.2 32.3 96.8



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: 19.697 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

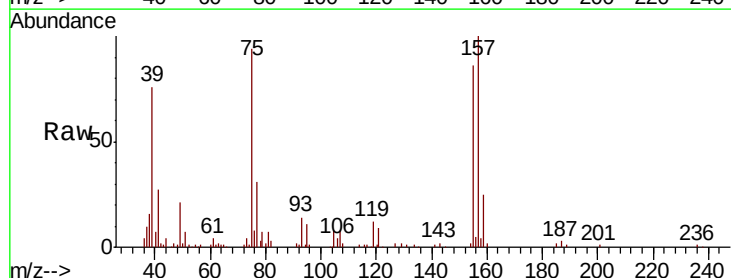
Tgt Ion: 75 Resp: 14456

Ion Ratio Lower Upper

75 100

155 83.8 39.3 117.8

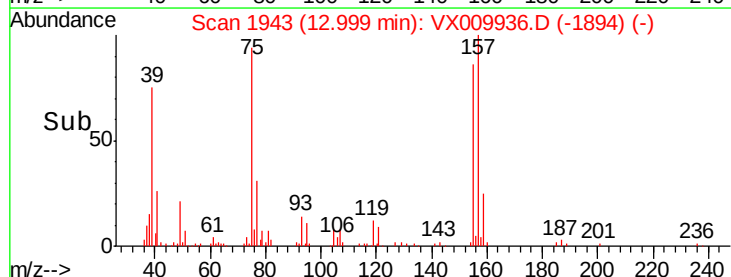
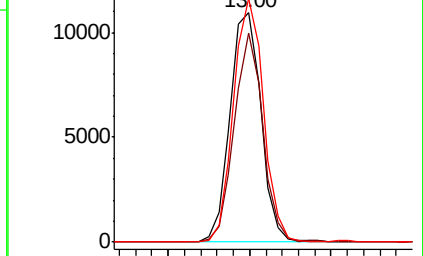
157 102.7 50.6 151.8

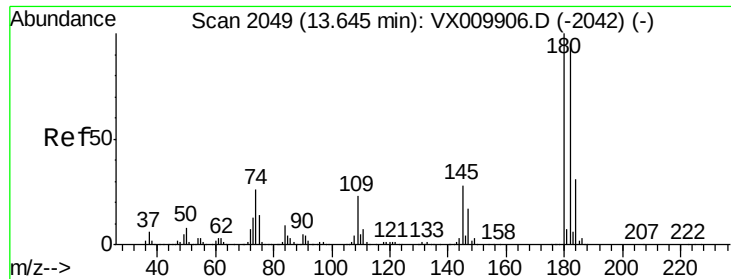


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

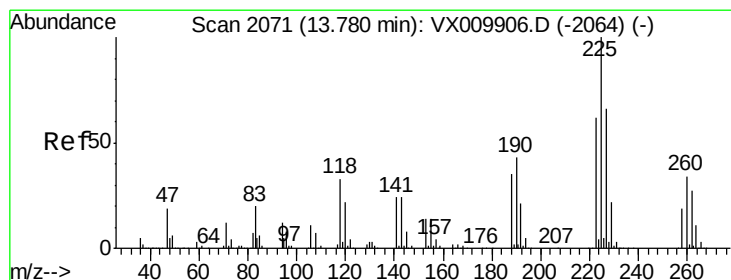
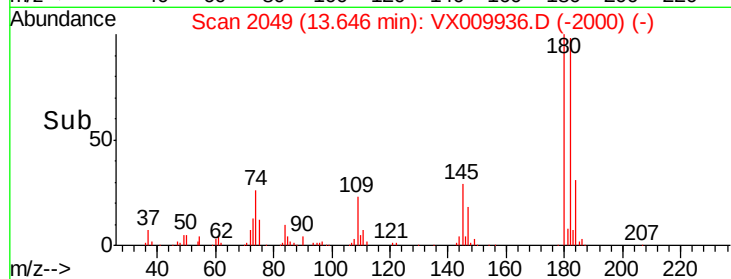
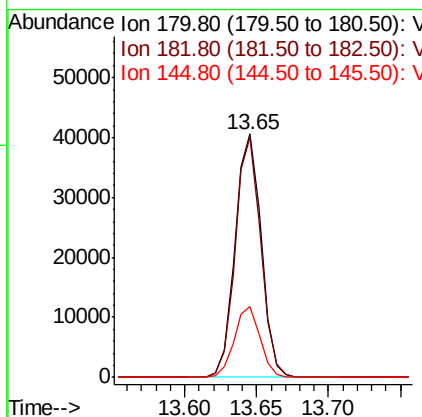
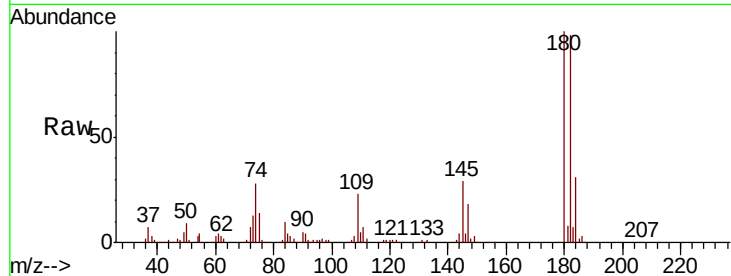




#93
 1,2,4-Trichlorobenzene
 Concen: 19.229 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

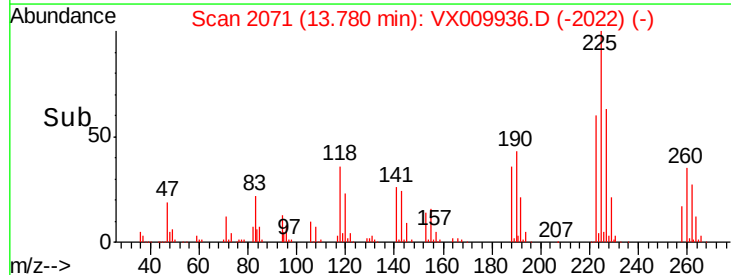
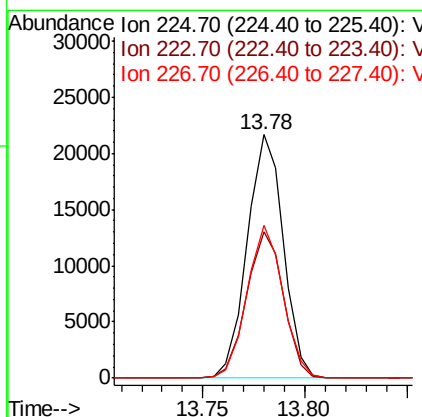
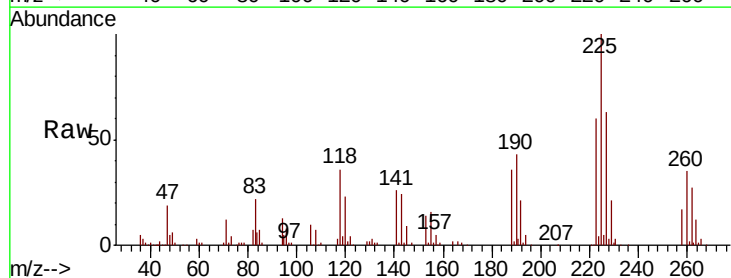
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529WBSD01

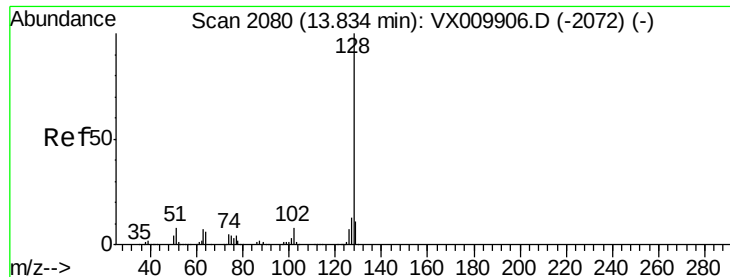
Tot Ion:180 Resp: 51374
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 28.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 19.916 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009936.D
 Acq: 29 May 2019 13:42

Tgt Ion:225 Resp: 26689
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.3 93.8
 227 62.3 32.3 96.8





#95

Naphthalene

Concen: 20.152 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

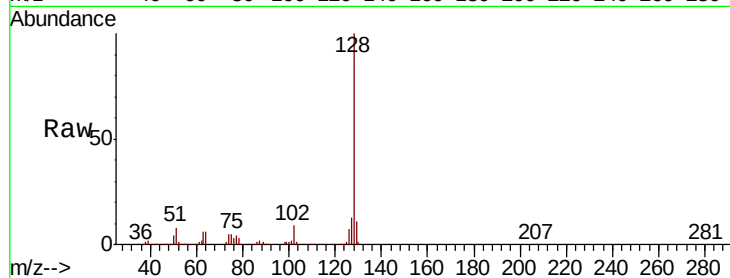
Tot Ion:128 Resp: 167545

Ion Ratio Lower Upper

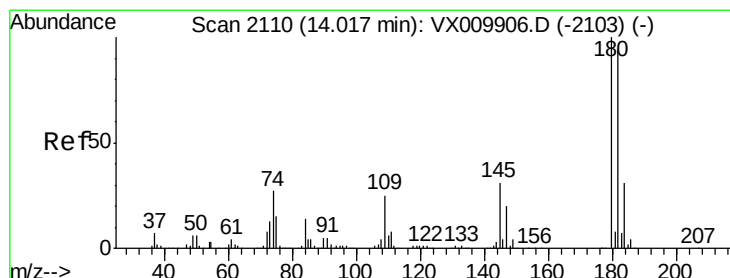
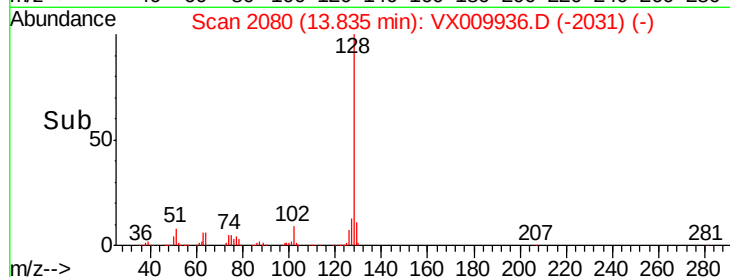
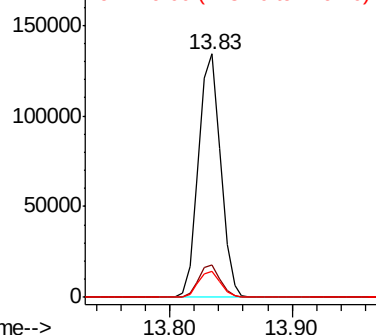
128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2



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: 19.758 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009936.D

Acq: 29 May 2019 13:42

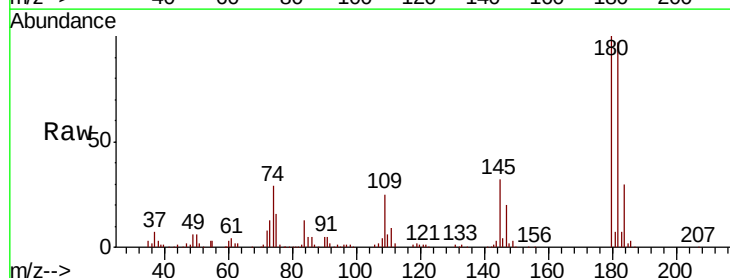
Tgt Ion:180 Resp: 52840

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 31.2 15.6 46.7



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

