

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004281.D
 Acq On : 29 Aug 2018 10:03
 Operator : JC/MD
 Sample : VX0829WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Quant Time: Aug 30 02:05:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	333585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200639	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	173696	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	649609	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.14	95	242867	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72290	18.71	ug/l	97
3) Chloromethane	1.32	50	78946	18.67	ug/l	99
4) Vinyl Chloride	1.40	62	82541	18.88	ug/l	100
5) Bromomethane	1.64	94	43880	19.11	ug/l	98
6) Chloroethane	1.72	64	57098	17.71	ug/l	98
7) Trichlorofluoromethane	1.93	101	113011	18.87	ug/l	95
8) Diethyl Ether	2.19	74	50567	19.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70825	18.88	ug/l	99
10) Methyl Iodide	2.51	142	66567	18.65	ug/l	97
11) Tert butyl alcohol	3.07	59	97105	104.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66335	18.77	ug/l	98
13) Acrolein	2.29	56	18679	83.60	ug/l	100
14) Allyl chloride	2.73	41	125038	19.26	ug/l	98
15) Acrylonitrile	3.15	53	223045	97.18	ug/l	100
16) Acetone	2.45	43	183545	98.52	ug/l	99
17) Carbon Disulfide	2.57	76	169982	17.84	ug/l	100
18) Methyl Acetate	2.78	43	147629	22.88	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	233662	20.06	ug/l	98
20) Methylene Chloride	2.85	84	79121	18.90	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	72304	18.48	ug/l	96
22) Diisopropyl ether	3.87	45	234149	19.31	ug/l	98
23) Vinyl Acetate	3.82	43	913593	92.98	ug/l	98
24) 1,1-Dichloroethane	3.70	63	138102	19.55	ug/l	99
25) 2-Butanone	4.71	43	288404	97.26	ug/l	99
26) 2,2-Dichloropropane	4.58	77	103313	18.64	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	83810	18.89	ug/l	99
28) Bromochloromethane	5.02	49	60183	19.24	ug/l	99
29) Tetrahydrofuran	5.16	42	182393	97.64	ug/l	99
30) Chloroform	5.21	83	135478	19.13	ug/l	97
31) Cyclohexane	5.57	56	111821	18.34	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	113569	19.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	99248	18.43	ug/l	97
37) Ethyl Acetate	4.86	43	103839	19.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	97454	19.24	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0829WBSD01

Quant Time: Aug 30 02:05:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109705	17.85	ug/l	100
40) Benzene	6.14	78	311165	19.34	ug/l	100
41) Methacrylonitrile	5.06	41	59951	19.53	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105836	19.28	ug/l	100
43) Isopropyl Acetate	6.46	43	160922	19.78	ug/l	99
44) Trichloroethene	7.21	130	84211	18.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	77823	19.33	ug/l	96
46) Dibromomethane	7.66	93	51288	19.13	ug/l	98
47) Bromodichloromethane	7.90	83	96471	19.34	ug/l	99
48) Methyl methacrylate	7.78	41	84342	19.37	ug/l	98
49) 1,4-Dioxane	7.76	88	40103	405.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	556612	94.15	ug/l	99
52) Toluene	8.79	92	199640	19.82	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	107033	19.42	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	118449	19.73	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80546	19.81	ug/l	99
56) Ethyl methacrylate	9.18	69	111802	20.20	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135663	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	287426	101.36	ug/l	100
59) 2-Hexanone	9.50	43	428721	95.05	ug/l	100
60) Dibromochloromethane	9.59	129	76277	19.26	ug/l	99
61) 1,2-Dibromoethane	9.67	107	82349	19.57	ug/l	100
64) Tetrachloroethene	9.34	164	85342	20.33	ug/l	99
65) Chlorobenzene	10.14	112	207829	19.49	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	74476	20.25	ug/l	97
67) Ethyl Benzene	10.25	91	350796	20.25	ug/l	97
68) m/p-Xylenes	10.36	106	277493	40.98	ug/l	97
69) o-Xylene	10.70	106	136528	21.31	ug/l	99
70) Styrene	10.71	104	228735	22.05	ug/l	99
71) Bromoform	10.86	173	58073	19.59	ug/l	98
73) Isopropylbenzene	11.02	105	374097	21.70	ug/l	100
74) N-amyl acetate	10.90	43	132937	20.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	124102	20.57	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	136181	25.51	ug/l	87
77) Bromobenzene	11.26	156	100569	20.80	ug/l	98
78) n-propylbenzene	11.36	91	422561	21.32	ug/l	100
79) 2-Chlorotoluene	11.42	91	256100	20.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	307068	21.51	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32711	19.88	ug/l	98
82) 4-Chlorotoluene	11.51	91	296773	20.67	ug/l	99
83) tert-Butylbenzene	11.77	119	300870	20.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	319838	21.83	ug/l	99
85) sec-Butylbenzene	11.94	105	364196	21.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	324116	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183873	20.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183288	19.10	ug/l	100
89) n-Butylbenzene	12.39	91	235441	18.95	ug/l	99
90) Hexachloroethane	12.60	117	42125	19.72	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	167084	20.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21061	19.82	ug/l	96

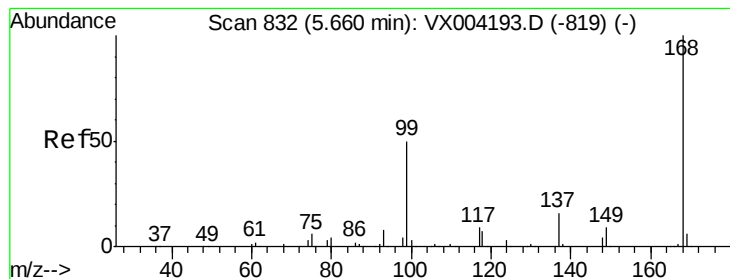
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
Data File : VX004281.D
Acq On : 29 Aug 2018 10:03
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Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Quant Time: Aug 30 02:05:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121031	19.99	ug/l	96
94) Hexachlorobutadiene	13.79	225	59123	20.91	ug/l	99
95) Naphthalene	13.83	128	383100	22.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	132671	20.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampled :

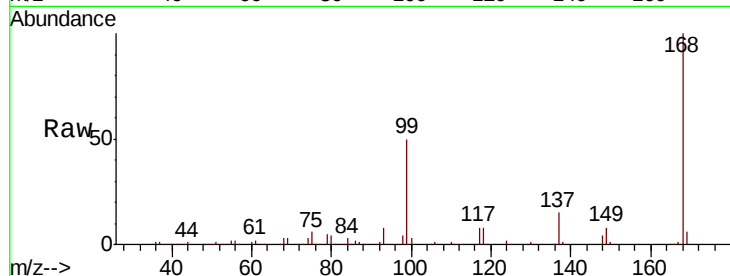
VX0829WBSD01

Tot Ion:168 Resp: 333585

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

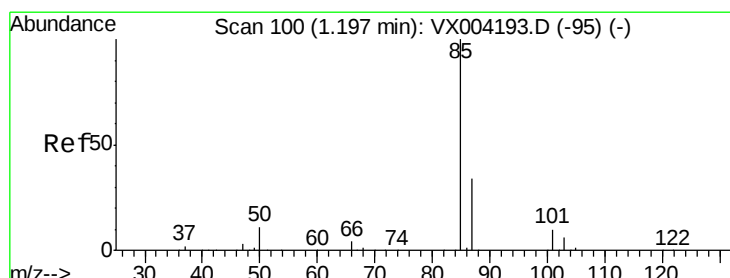
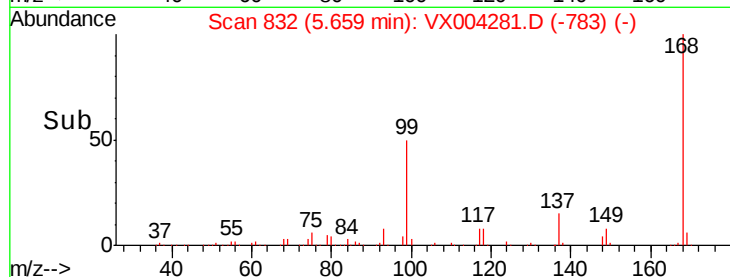
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004281.D

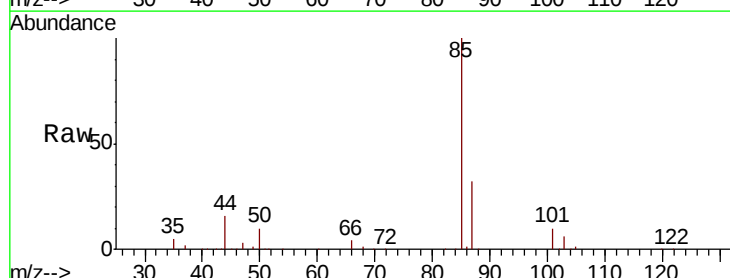
Acq: 29 Aug 2018 10:03

Tgt Ion: 85 Resp: 72290

Ion Ratio Lower Upper

85 100

87 31.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

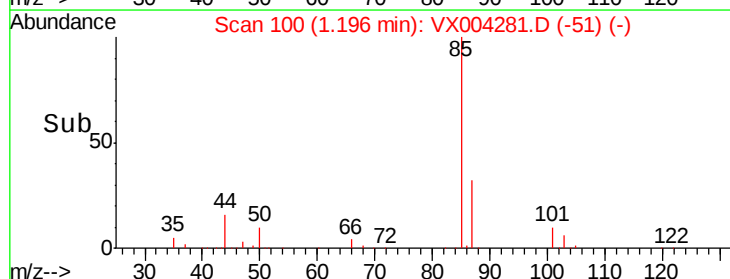
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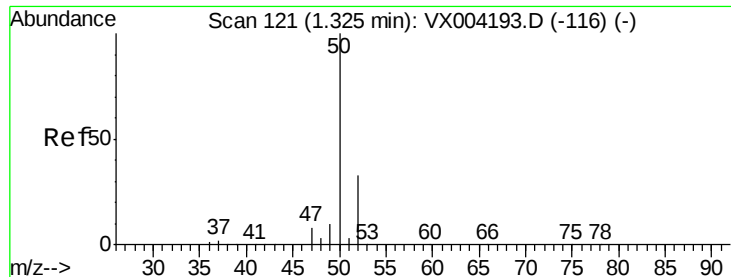
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.67 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

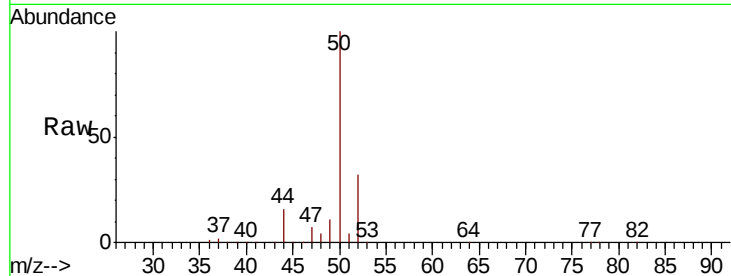
VX0829WBSD01

Tot Ion: 50 Resp: 78946

Ion Ratio Lower Upper

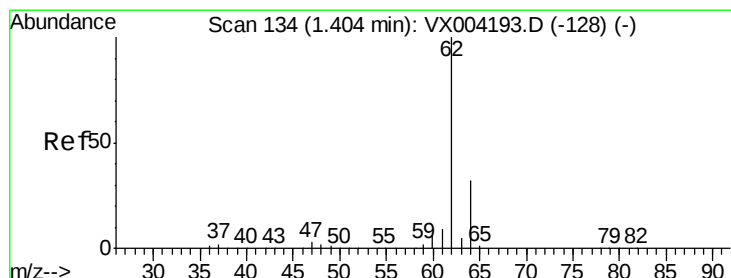
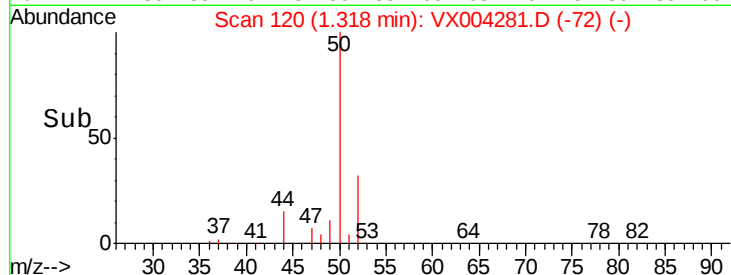
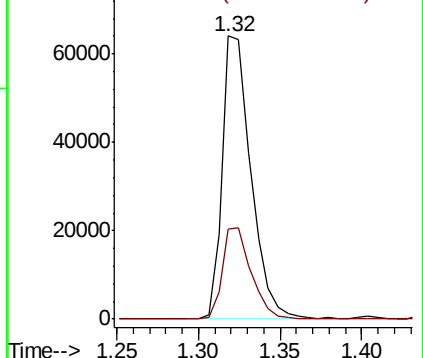
50 100

52 32.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004281.D

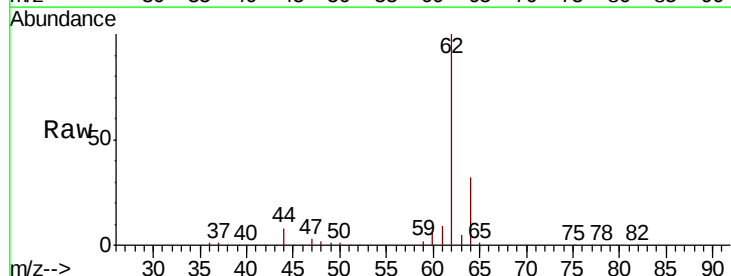
Acq: 29 Aug 2018 10:03

Tgt Ion: 62 Resp: 82541

Ion Ratio Lower Upper

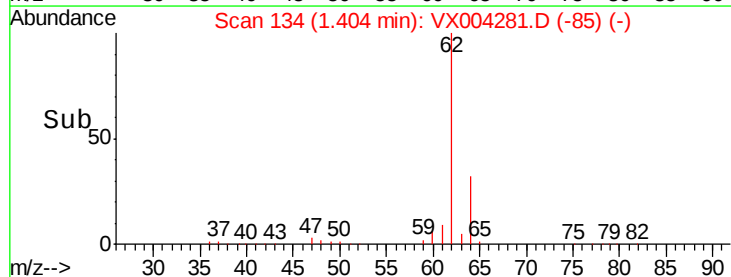
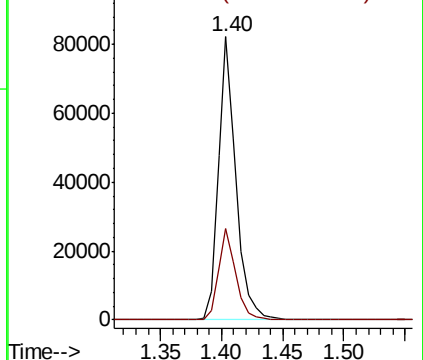
62 100

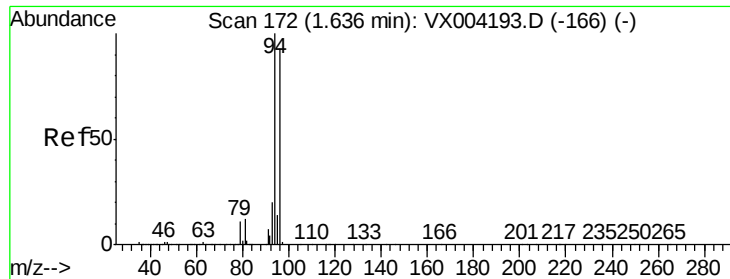
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

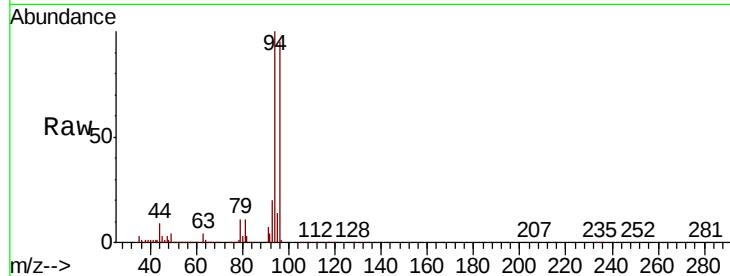
VX0829WBSD01

Tot Ion: 94 Resp: 43880

Ion Ratio Lower Upper

94 100

96 94.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

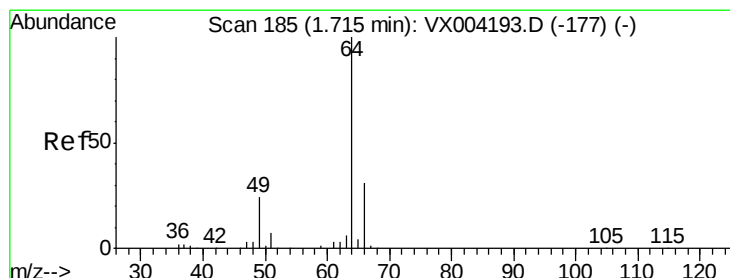
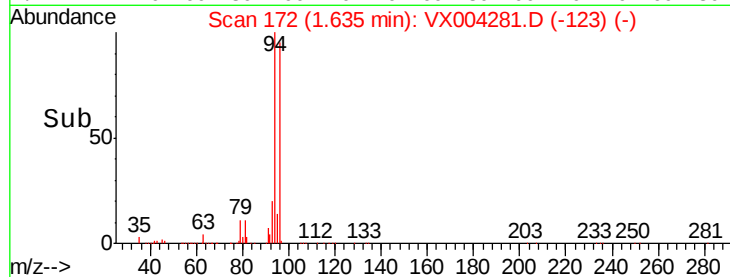
20000

10000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 17.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004281.D

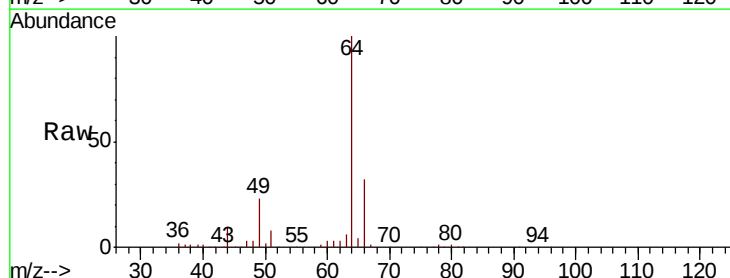
Acq: 29 Aug 2018 10:03

Tgt Ion: 64 Resp: 57098

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

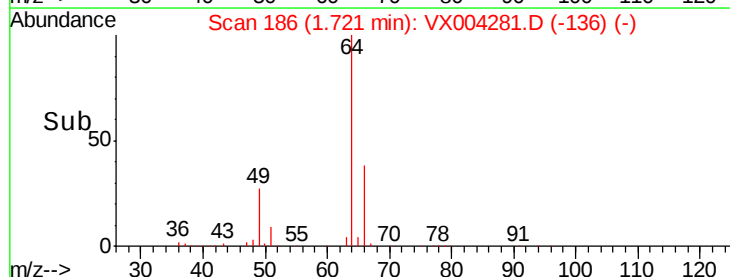
20000

10000

0

Time-->

1.60 1.70 1.80





#7

Trichlorofluoromethane

Concen: 18.87 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

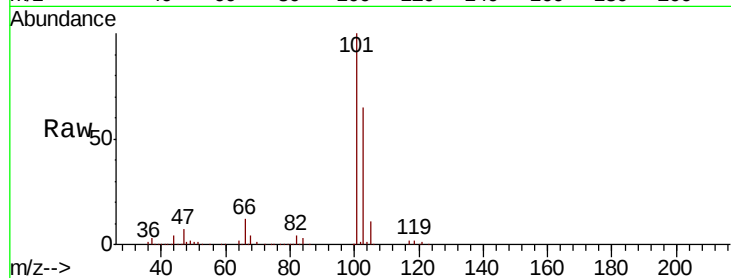
VX0829WBSD01

Tot Ion:101 Resp: 113011

Ion Ratio Lower Upper

101 100

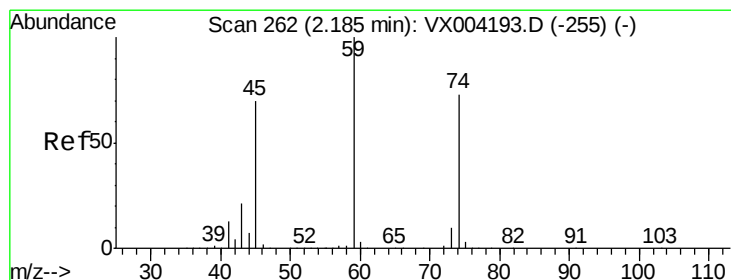
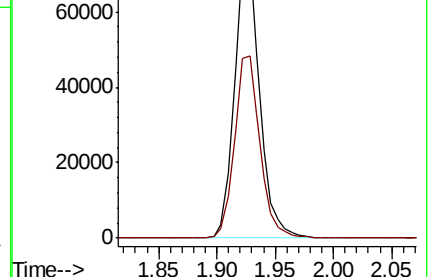
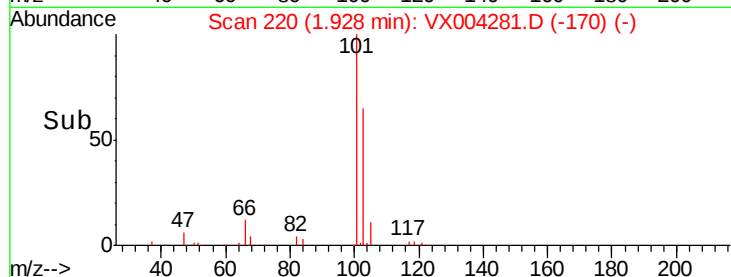
103 64.5 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93



#8

Diethyl Ether

Concen: 19.72 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.01 min

Lab File: VX004281.D

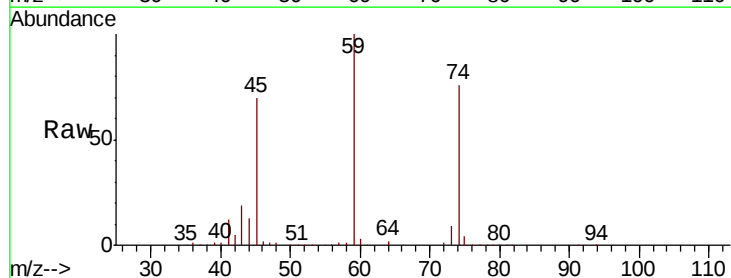
Acq: 29 Aug 2018 10:03

Tgt Ion: 74 Resp: 50567

Ion Ratio Lower Upper

74 100

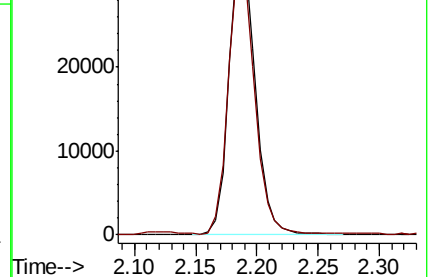
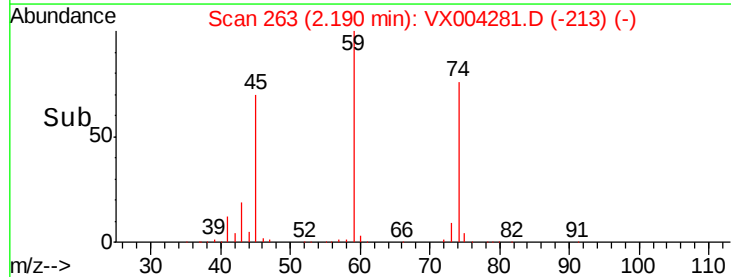
45 94.4 48.3 144.8

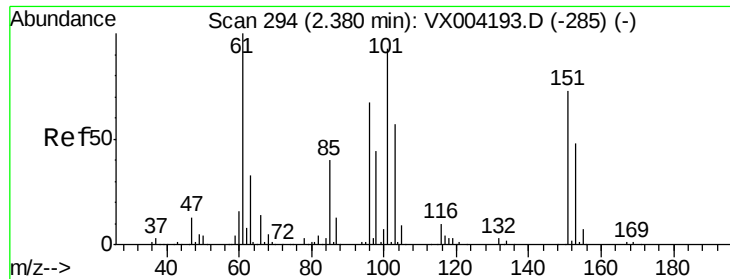


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

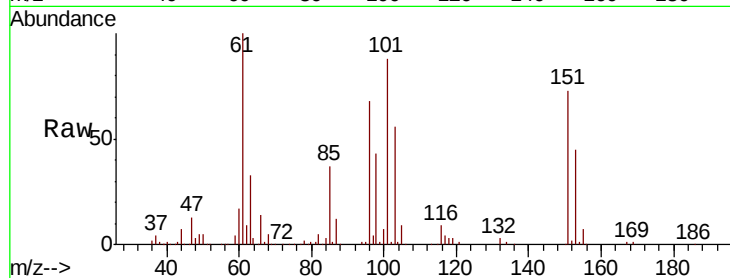
Tot Ion:101 Resp: 70825

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

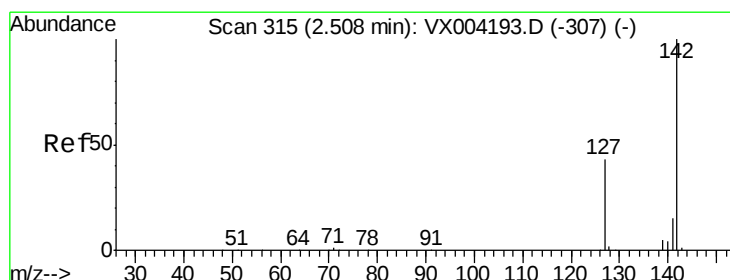
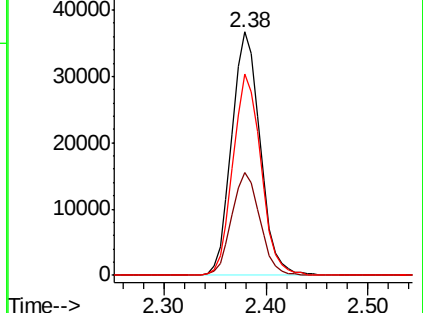
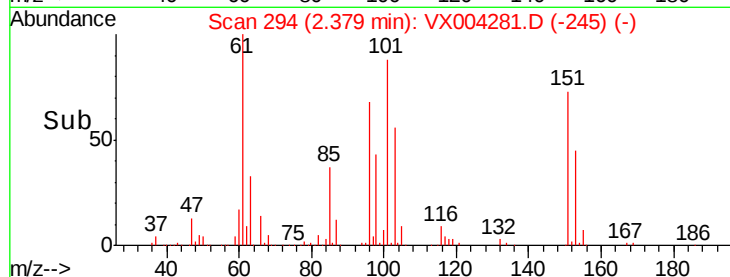
151 81.8 65.0 97.6



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: 18.65 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

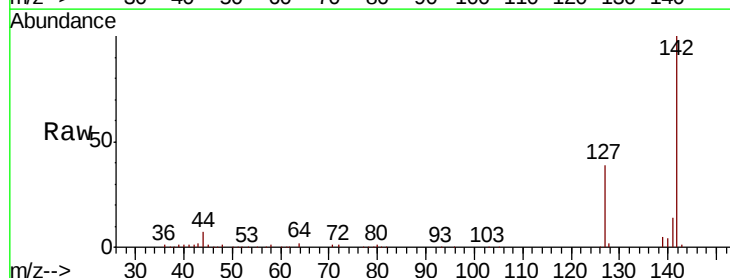
Tgt Ion:142 Resp: 66567

Ion Ratio Lower Upper

142 100

127 39.7 33.8 50.6

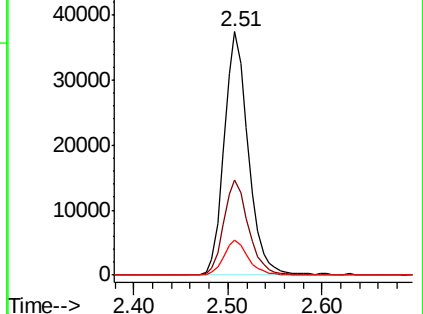
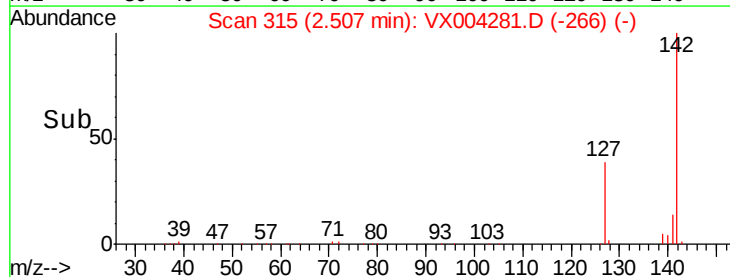
141 14.1 11.4 17.0



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

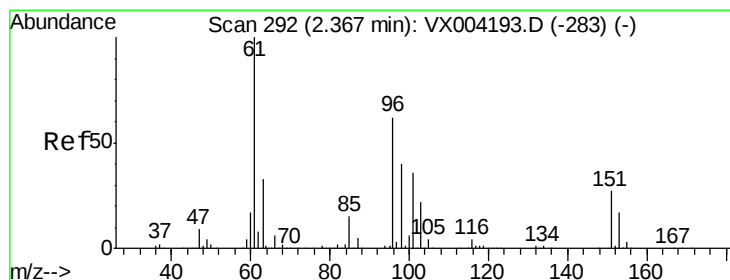
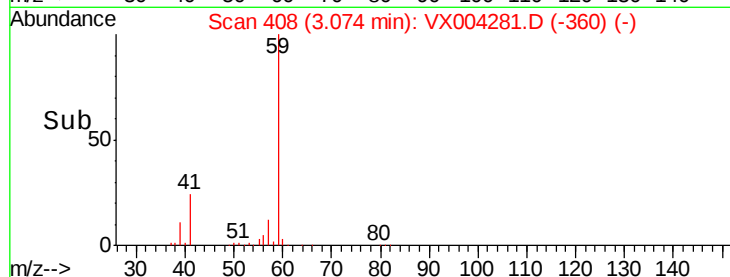
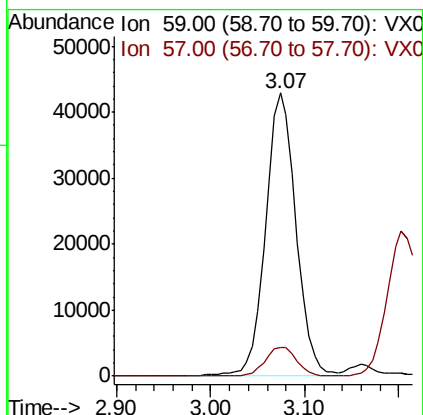
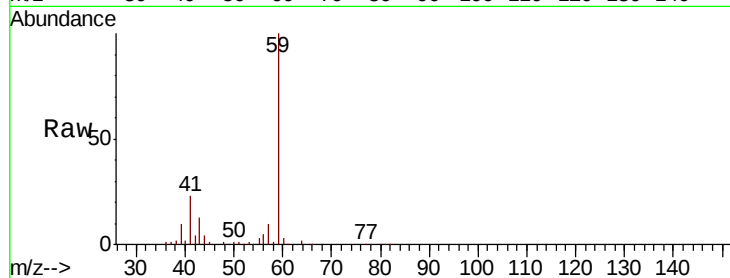




#11
Tert butyl alcohol
Concen: 104.77 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

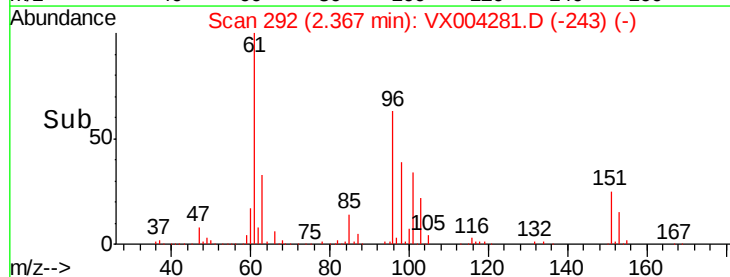
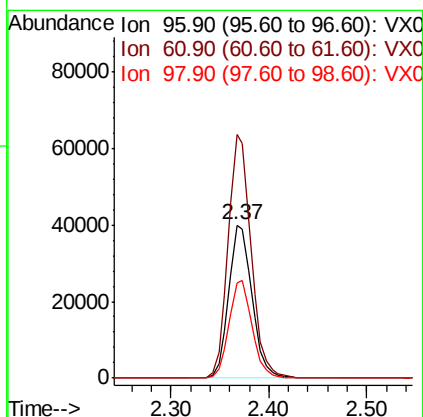
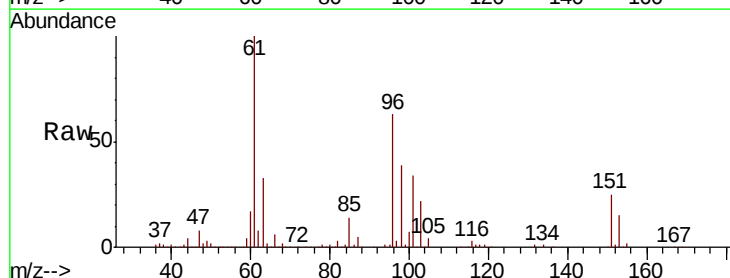
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

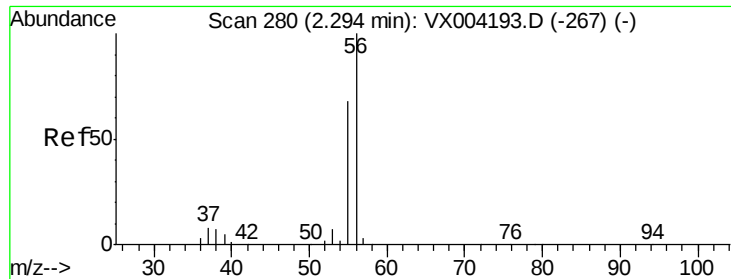
Tot Ion: 59 Resp: 97105
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.77 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 96 Resp: 66335
Ion Ratio Lower Upper
96 100
61 159.2 128.8 193.2
98 61.8 52.2 78.2





#13

Acrolein

Concen: 83.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

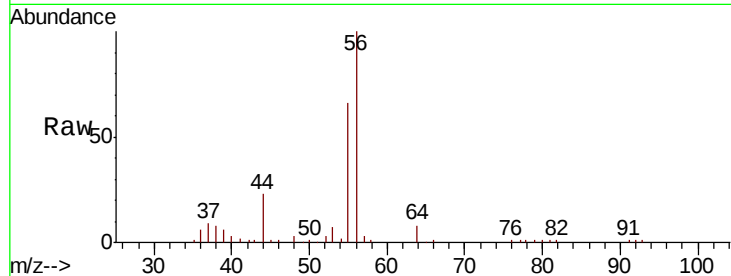
VX0829WBSD01

Tot Ion: 56 Resp: 18679

Ion Ratio Lower Upper

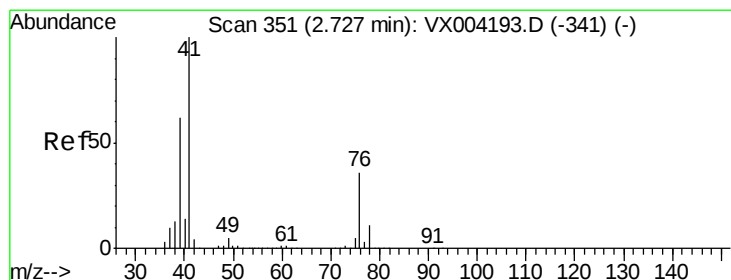
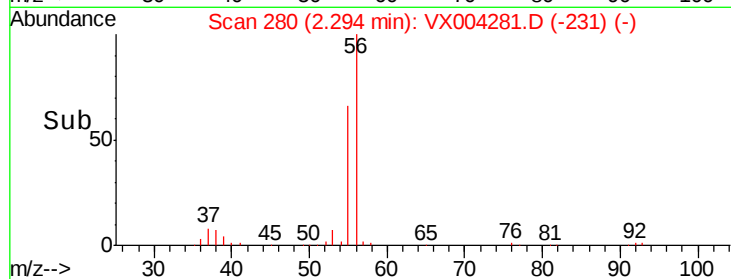
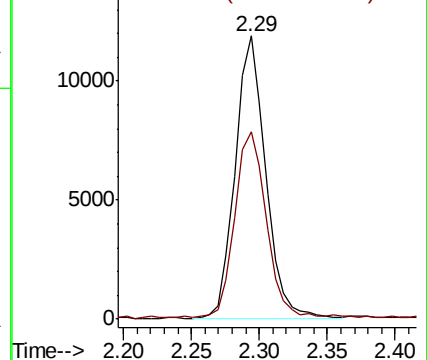
56 100

55 68.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

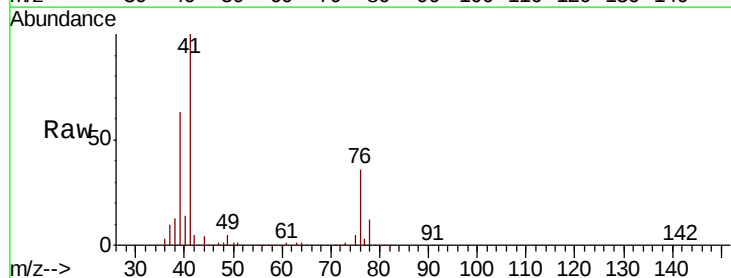
Tgt Ion: 41 Resp: 125038

Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

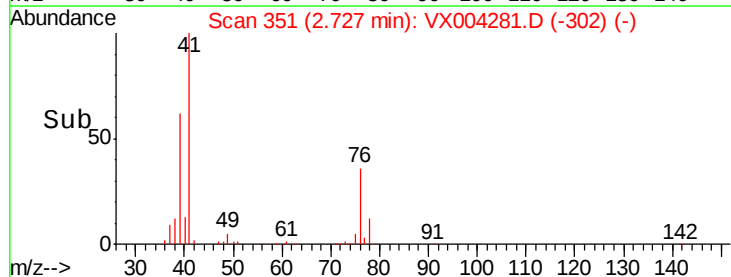
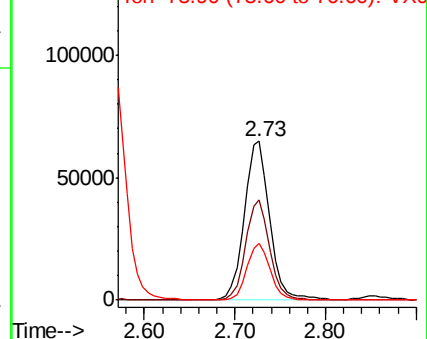
76 33.2 26.7 40.1



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





#15

Acrylonitrile

Concen: 97.18 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

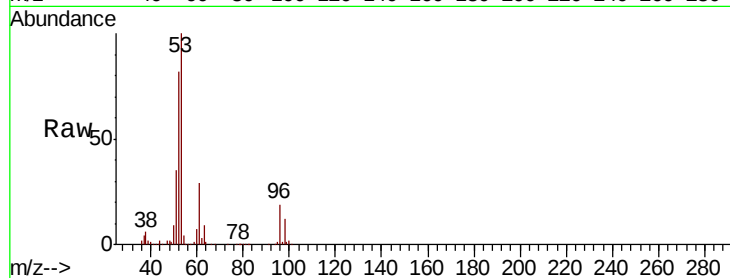
Tot Ion: 53 Resp: 223045

Ion Ratio Lower Upper

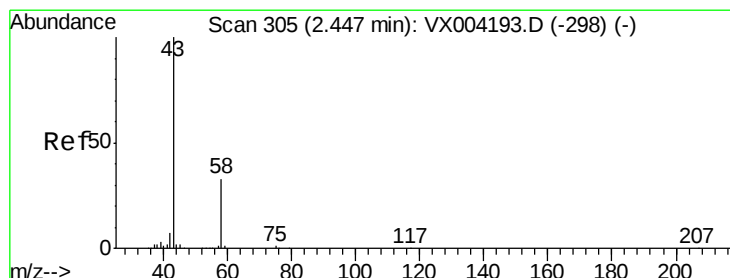
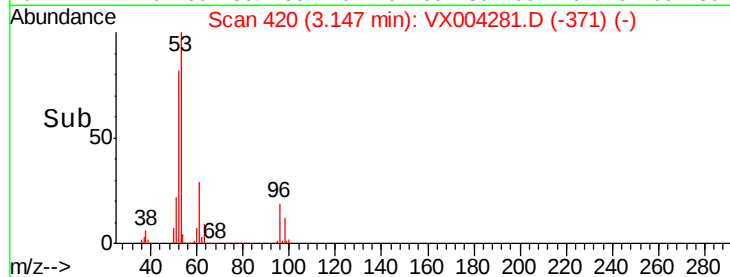
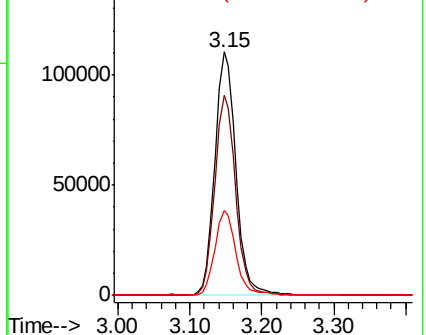
53 100

52 81.3 65.2 97.8

51 35.1 28.2 42.2



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



#16

Acetone

Concen: 98.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004281.D

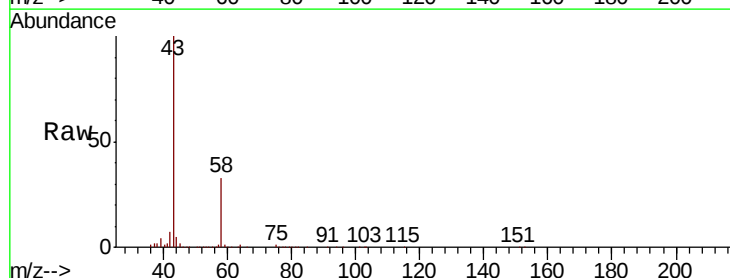
Acq: 29 Aug 2018 10:03

Tgt Ion: 43 Resp: 183545

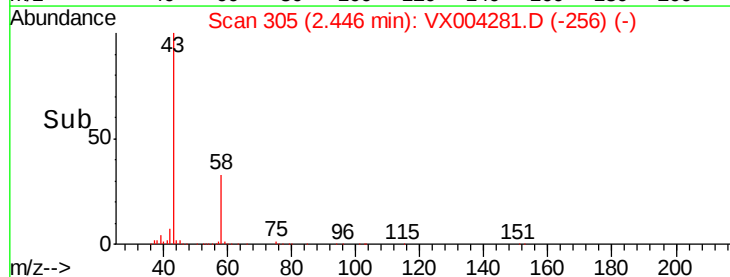
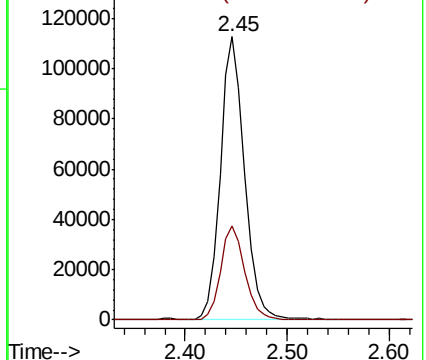
Ion Ratio Lower Upper

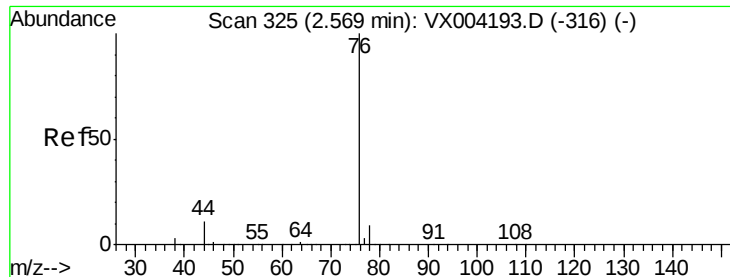
43 100

58 33.3 26.2 39.4



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

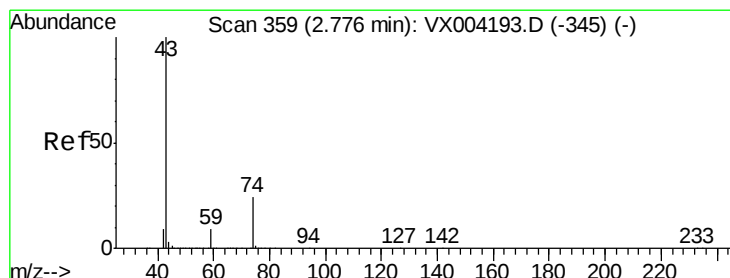
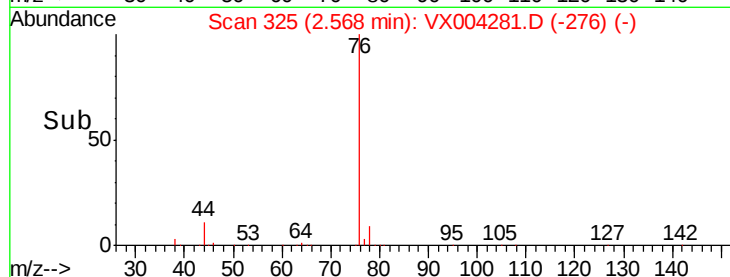
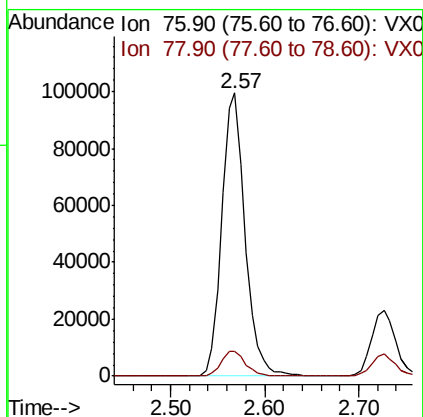
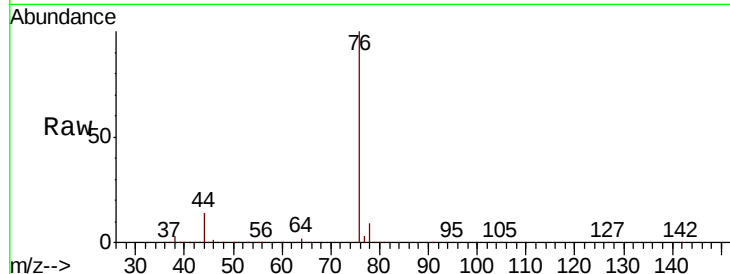




#17
Carbon Disulfide
Concen: 17.84 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

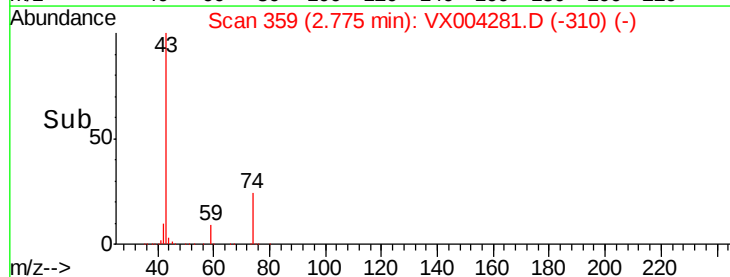
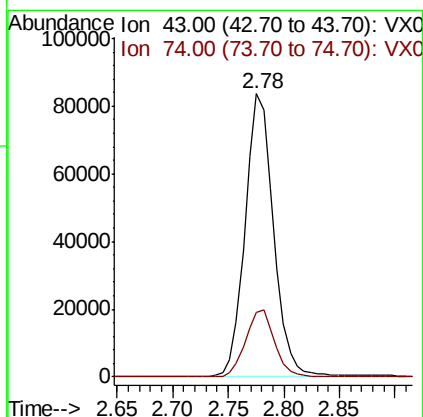
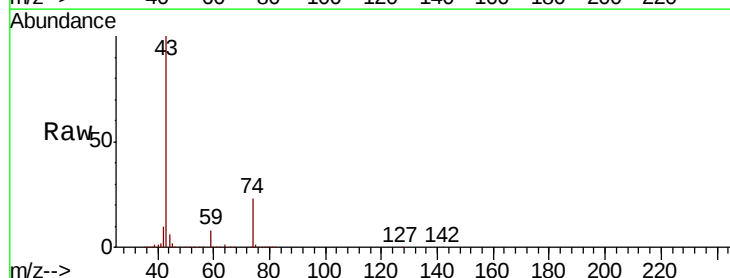
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

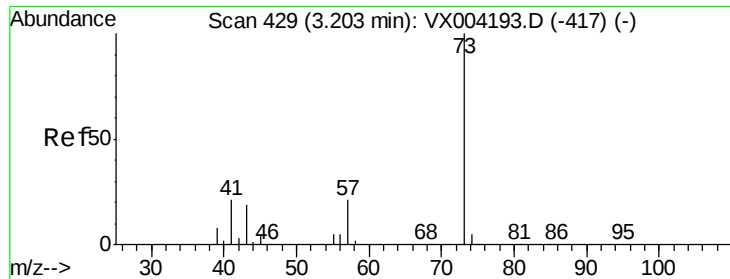
Tot Ion: 76 Resp: 169982
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 22.88 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 43 Resp: 147629
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

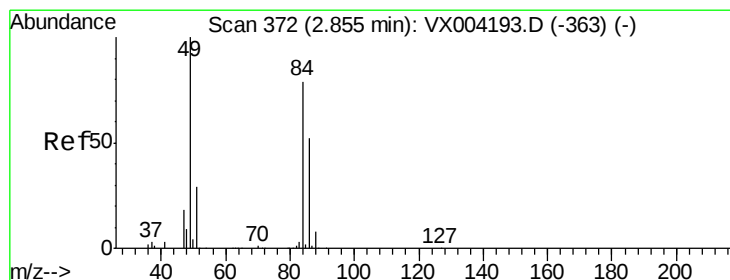
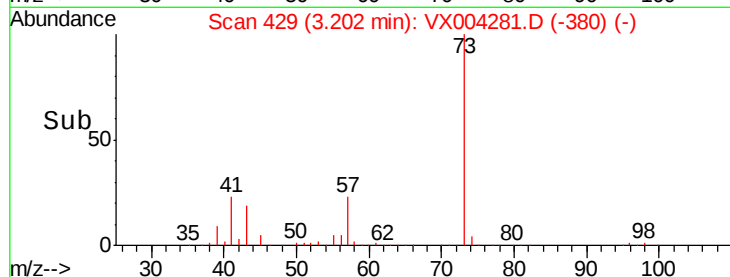
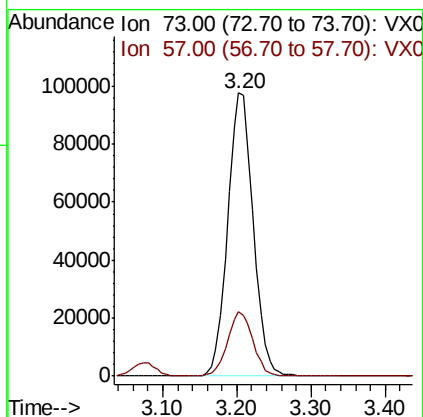
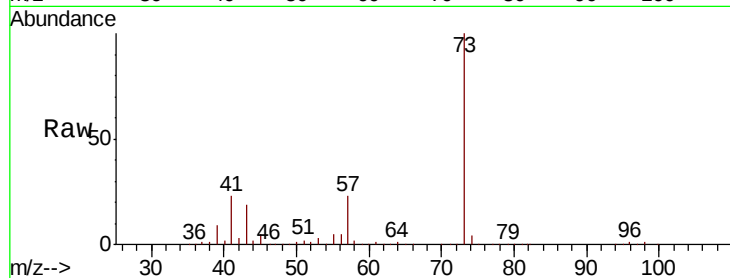




#19
Methvl tert-butvl Ether
Concen: 20.06 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

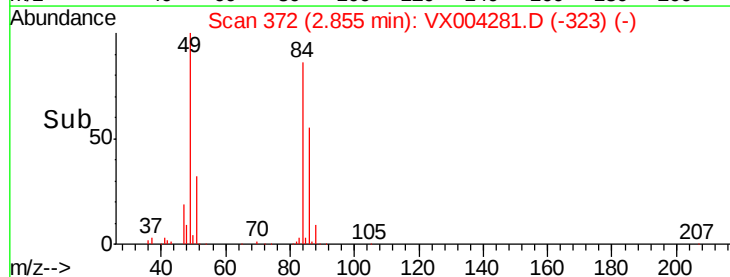
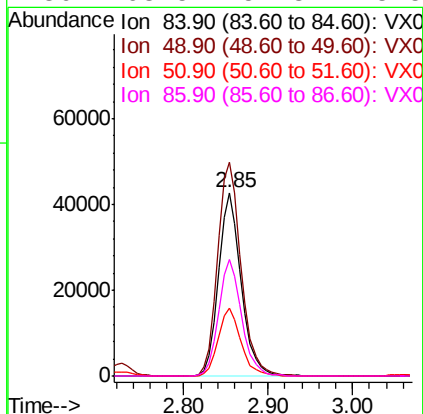
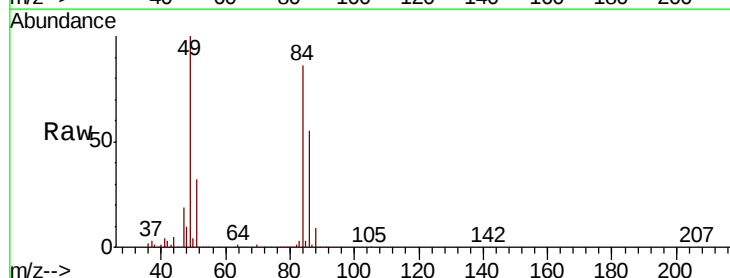
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

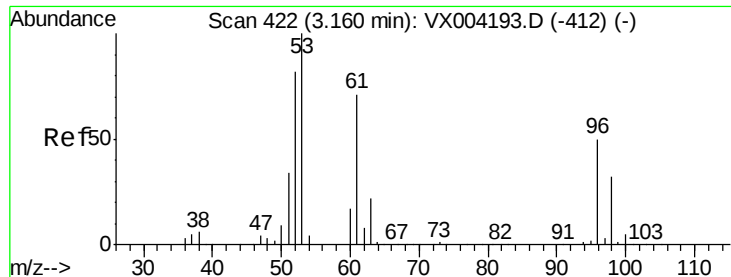
Tot Ion: 73 Resp: 233662
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 18.90 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 84 Resp: 79121
Ion Ratio Lower Upper
84 100
49 116.3 101.2 151.8
51 37.0 29.5 44.3
86 63.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.48 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

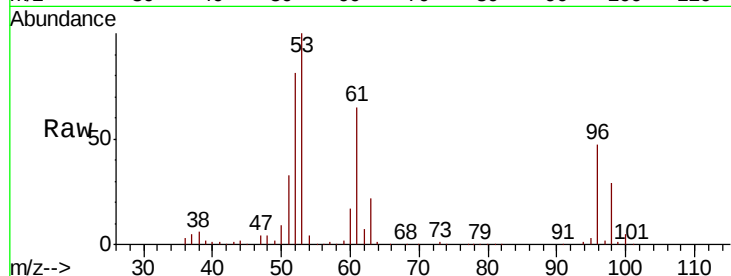
Tot Ion: 96 Resp: 72304

Ion Ratio Lower Upper

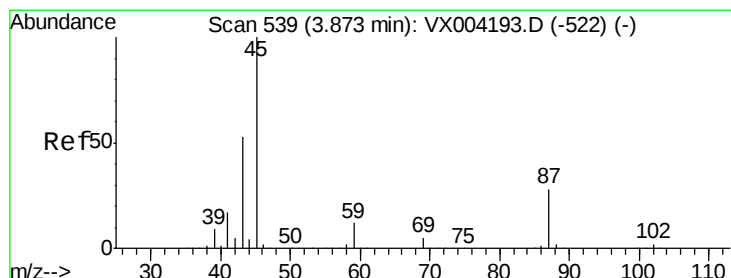
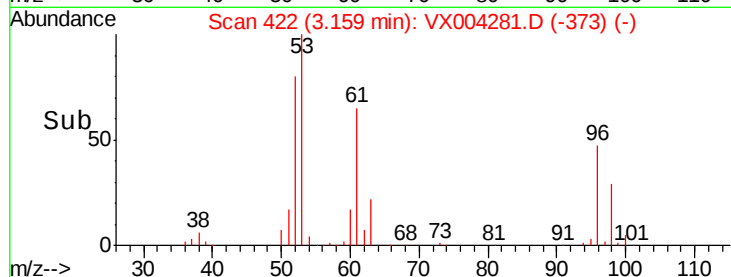
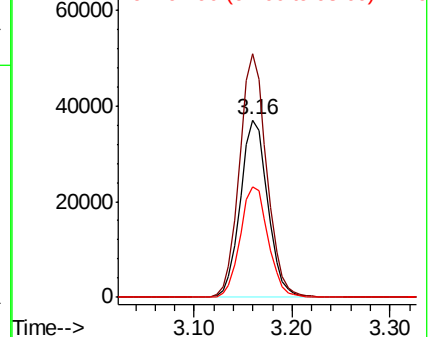
96 100

61 136.9 113.8 170.6

98 62.6 51.8 77.8



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: 19.31 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Tgt Ion: 45 Resp: 234149

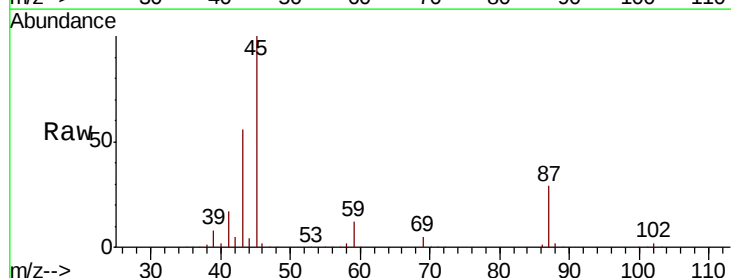
Ion Ratio Lower Upper

45 100

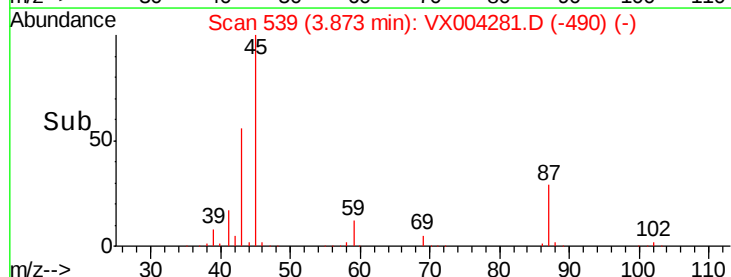
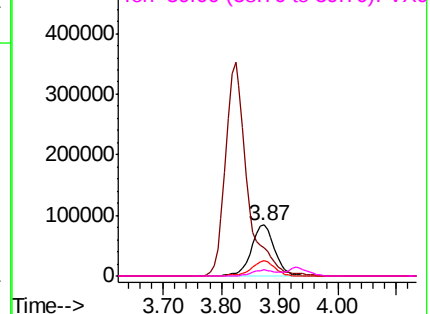
43 55.9 42.8 64.2

87 29.1 22.6 34.0

59 11.9 9.6 14.4



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: 92.98 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

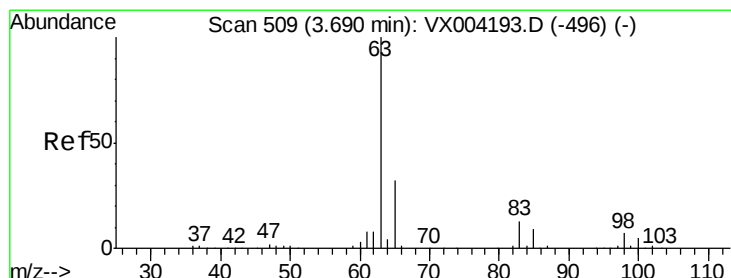
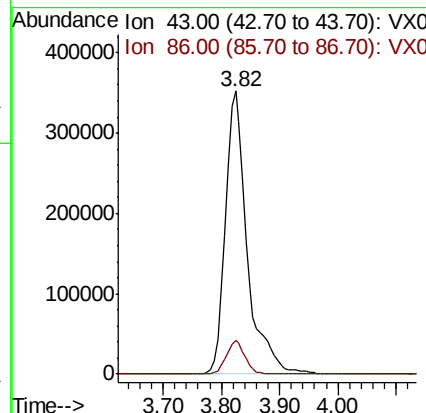
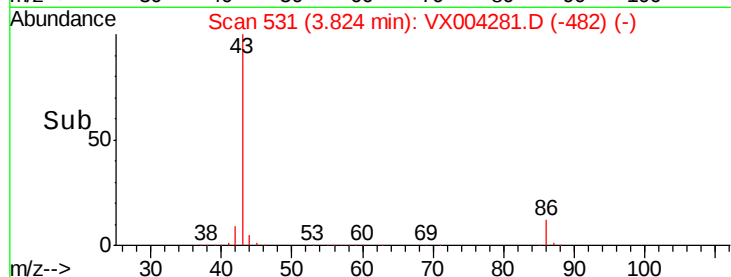
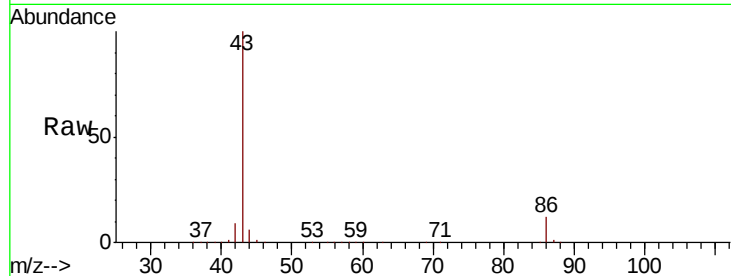
VX0829WBSD01

Tot Ion: 43 Resp: 913593

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.55 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

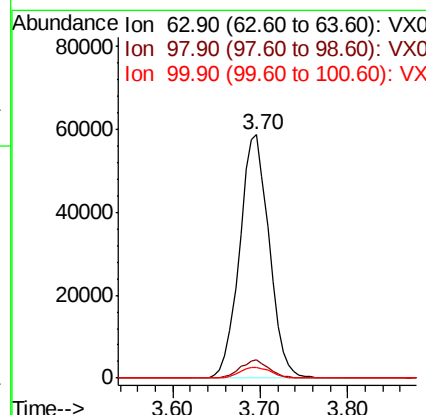
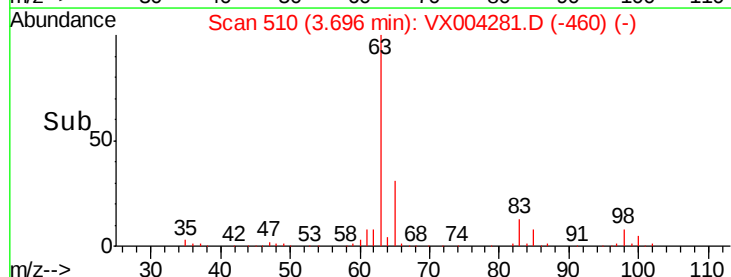
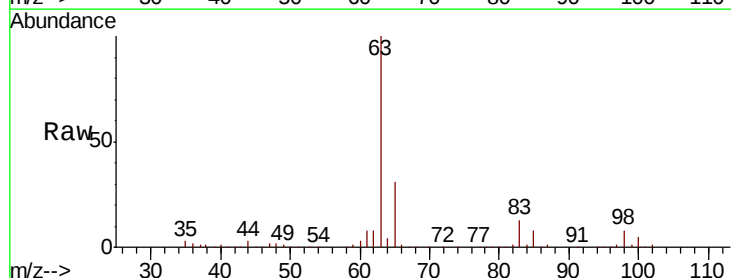
Tgt Ion: 63 Resp: 138102

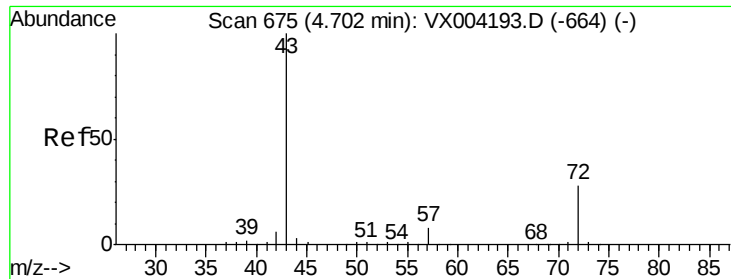
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 97.26 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

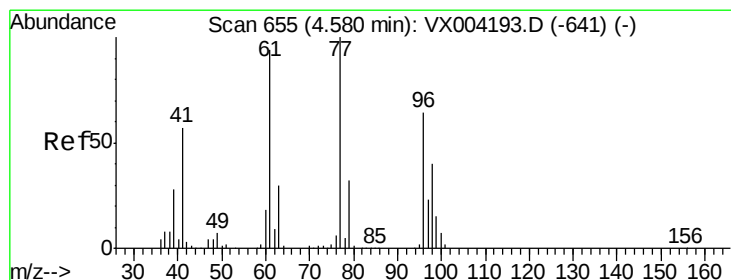
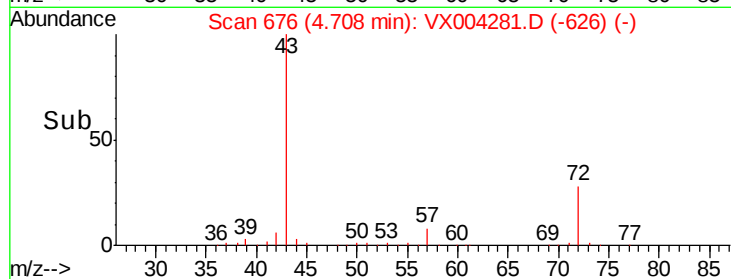
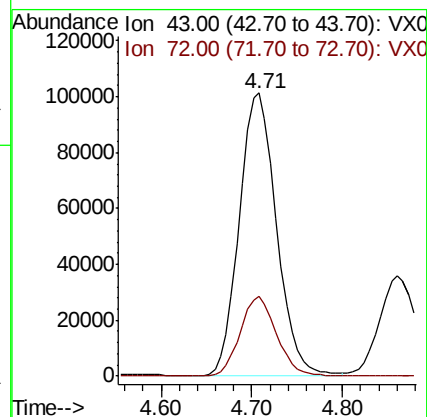
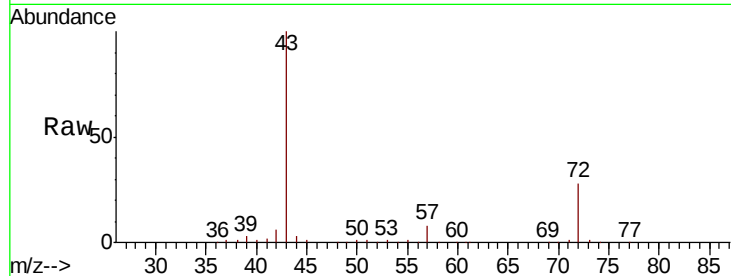
VX0829WBSD01

Tot Ion: 43 Resp: 288404

Ion Ratio Lower Upper

43 100

72 28.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.64 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004281.D

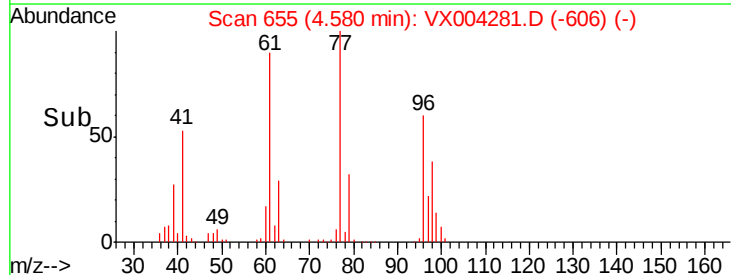
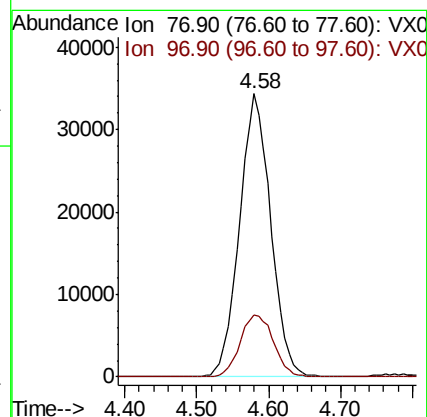
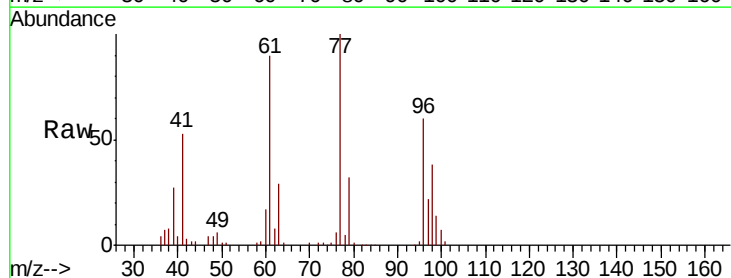
Acq: 29 Aug 2018 10:03

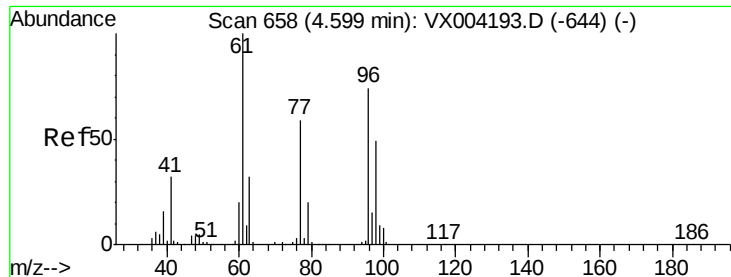
Tgt Ion: 77 Resp: 103313

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.89 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

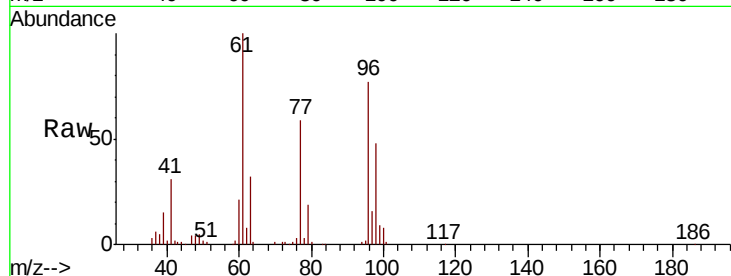
Tot Ion: 96 Resp: 83810

Ion Ratio Lower Upper

96 100

61 139.7 0.0 282.6

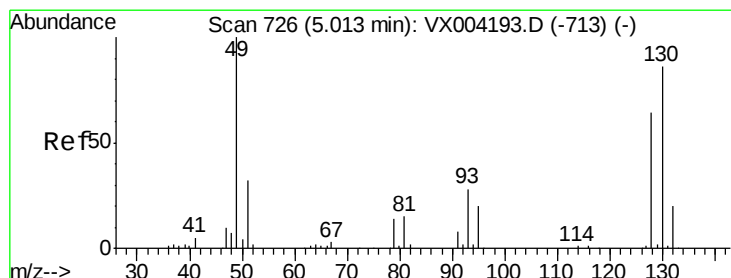
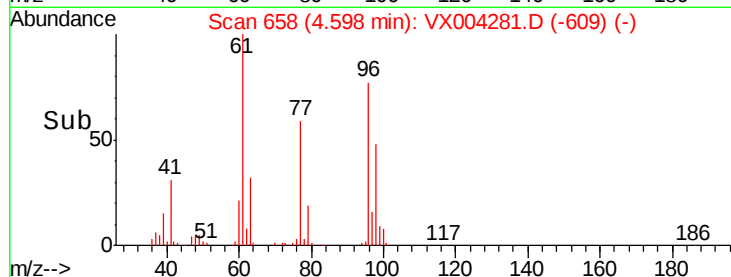
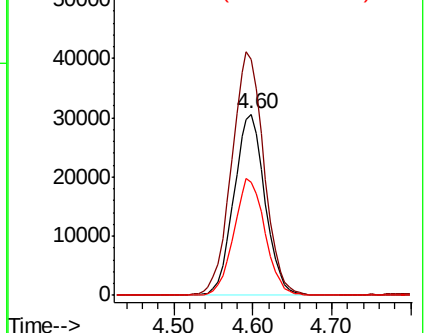
98 64.7 0.0 130.2



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: 19.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

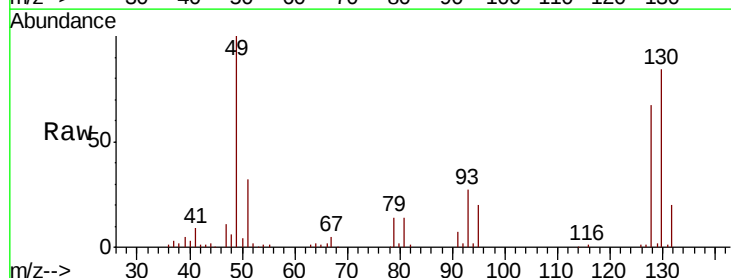
Tgt Ion: 49 Resp: 60183

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

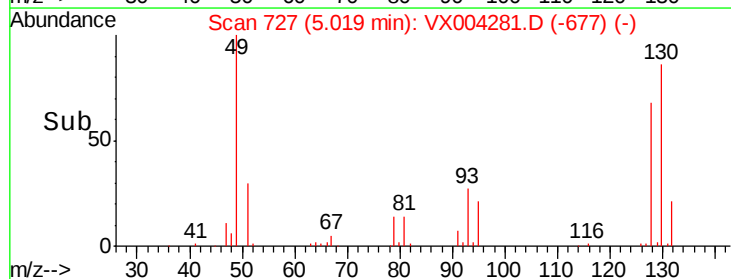
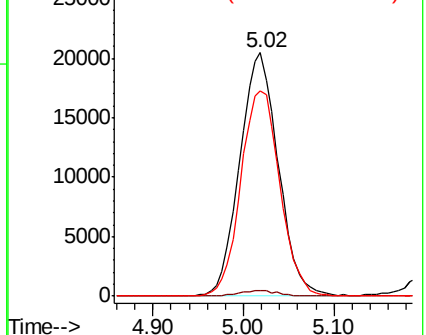
130 85.7 67.5 101.3

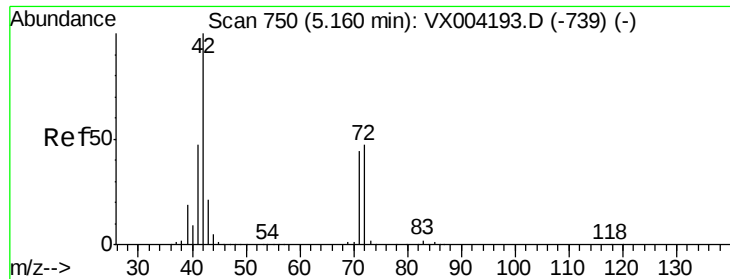


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.64 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

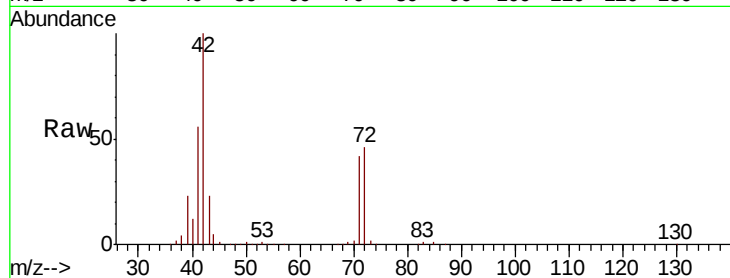
Tot Ion: 42 Resp: 182393

Ion Ratio Lower Upper

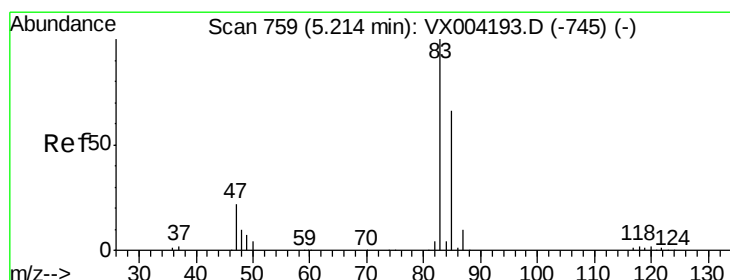
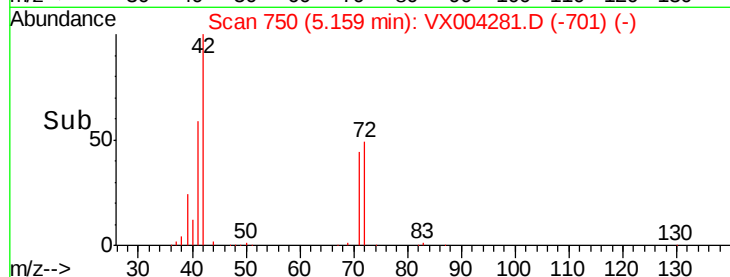
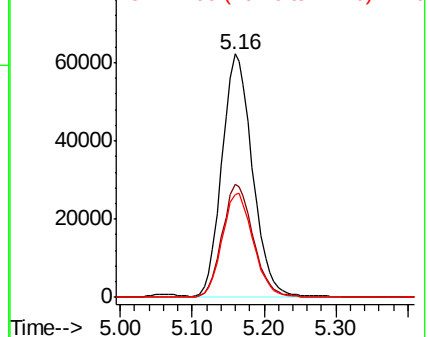
42 100

72 47.6 37.4 56.0

71 43.7 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.13 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004281.D

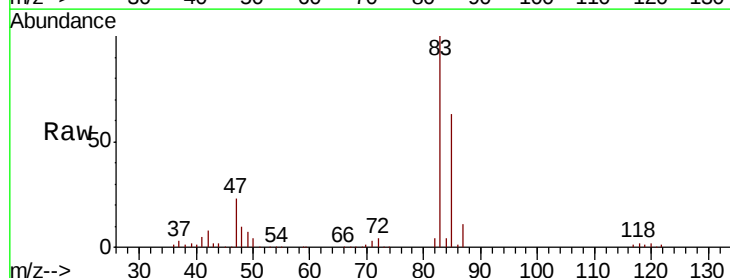
Acq: 29 Aug 2018 10:03

Tgt Ion: 83 Resp: 135478

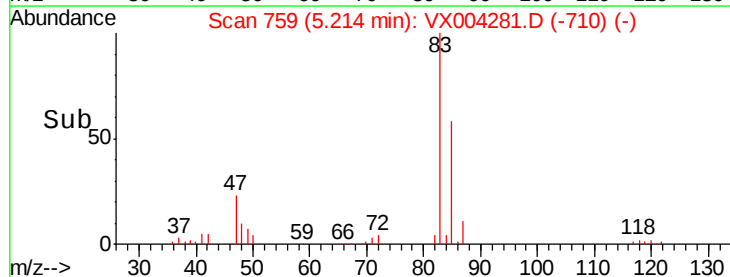
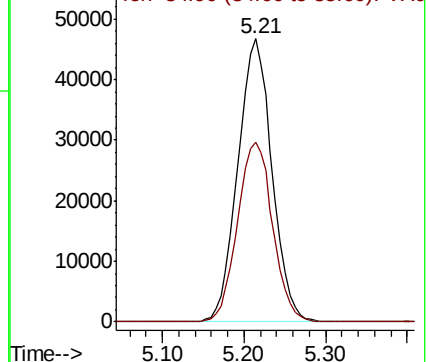
Ion Ratio Lower Upper

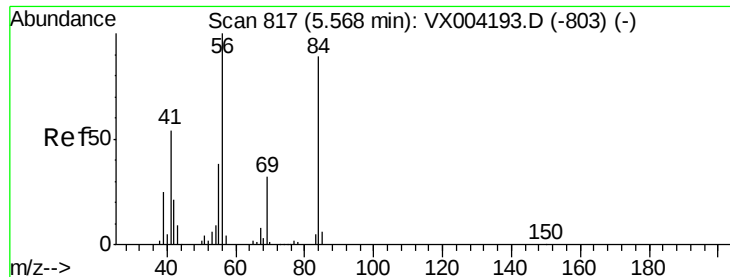
83 100

85 63.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 18.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

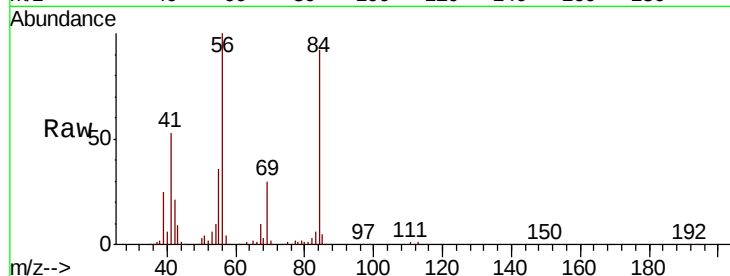
Tot Ion: 56 Resp: 111821

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.2

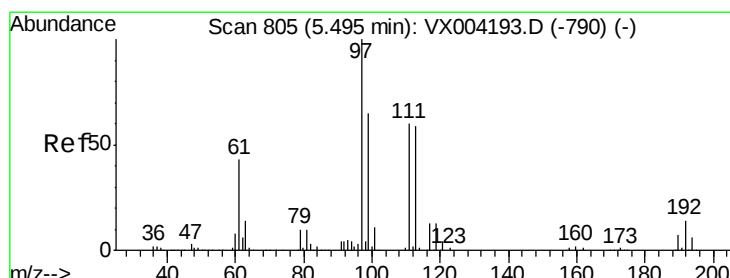
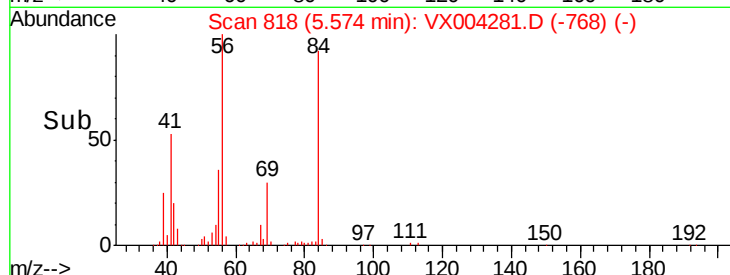
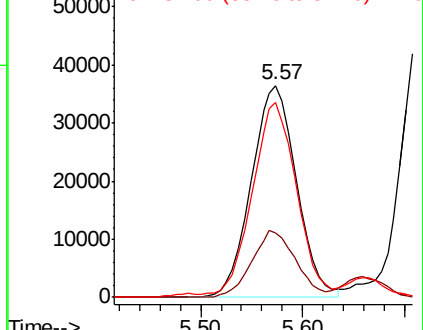
84 90.0 71.4 107.2



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: 19.23 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

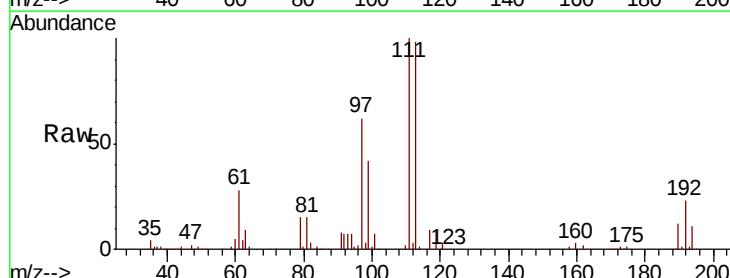
Tgt Ion: 97 Resp: 113569

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

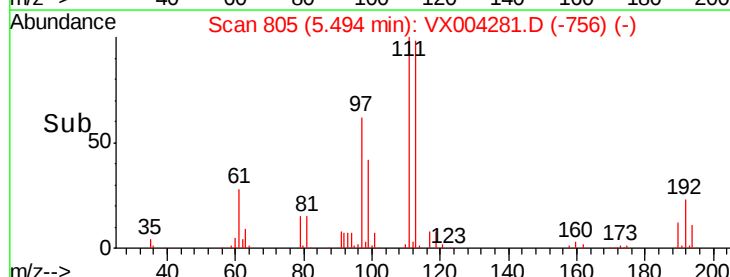
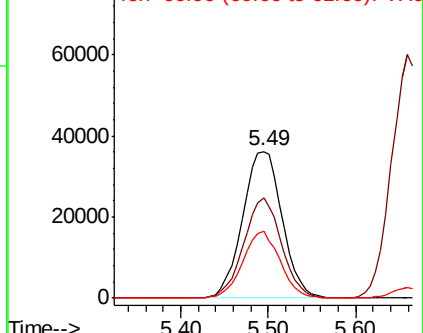
61 43.2 34.9 52.3

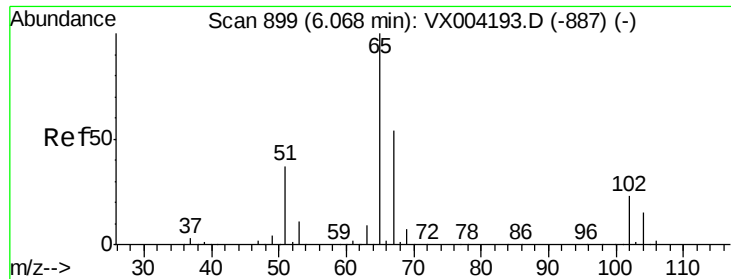


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

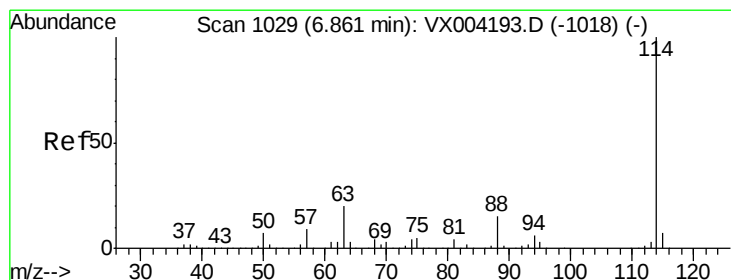
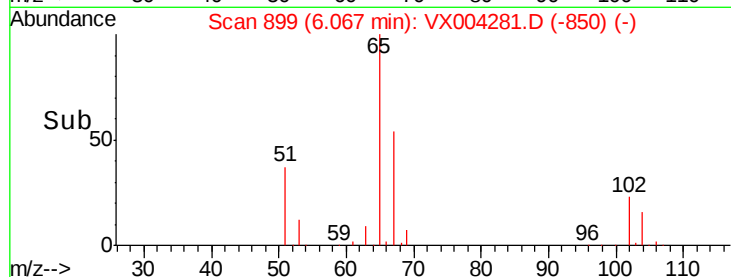
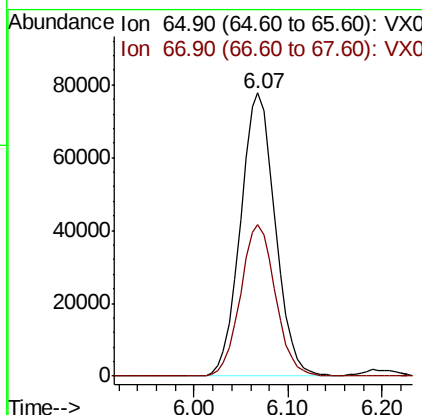
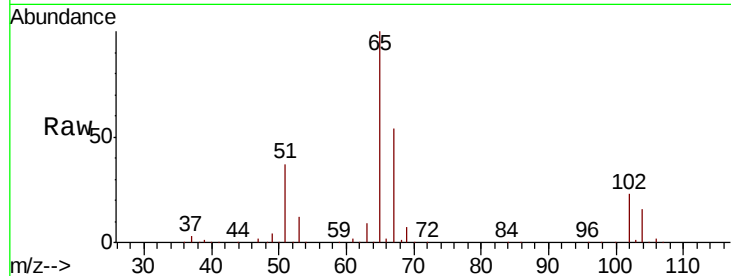




#33
 1,2-Dichloroethane-d4
 Concen: 46.15 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

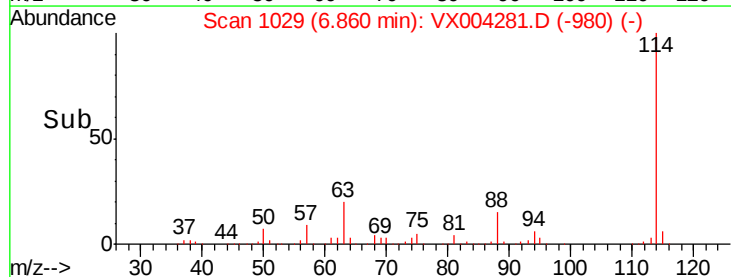
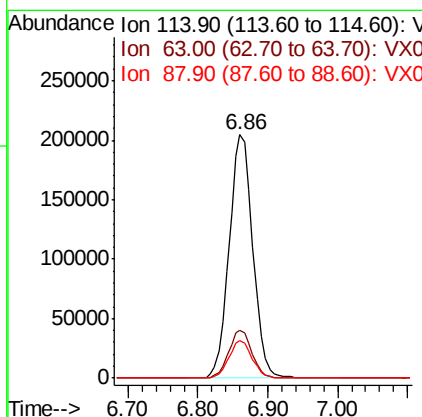
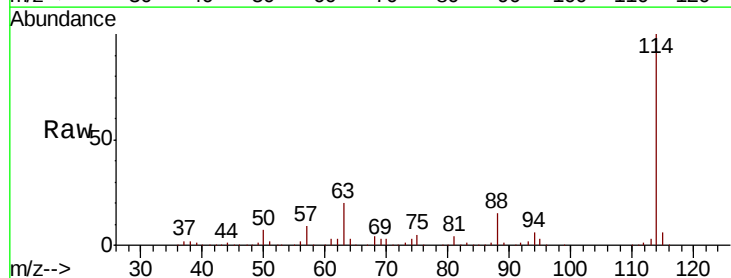
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tot Ion: 65 Resp: 200639
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion: 114 Resp: 478941
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.3 0.0 30.4

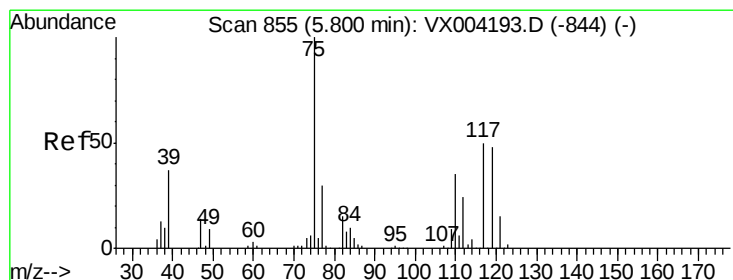
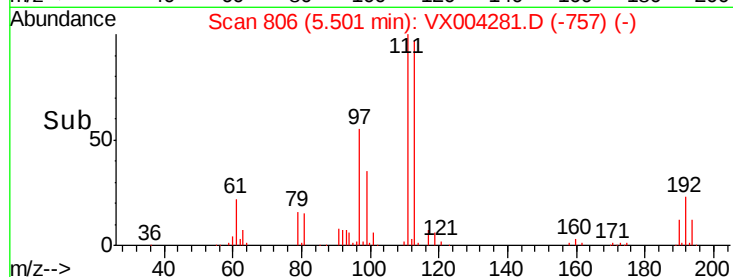
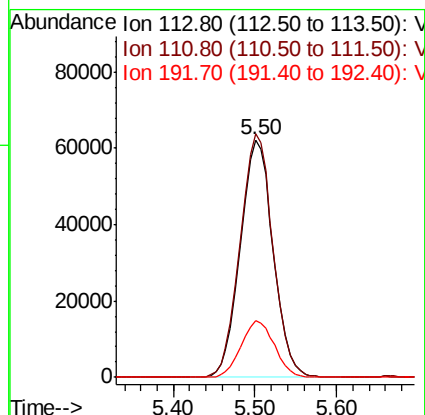
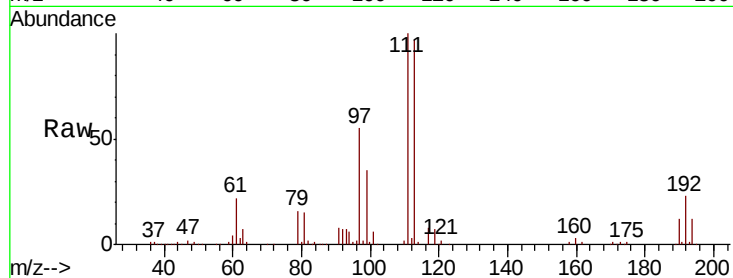




#35
 Dibromofluoromethane
 Concen: 48.75 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

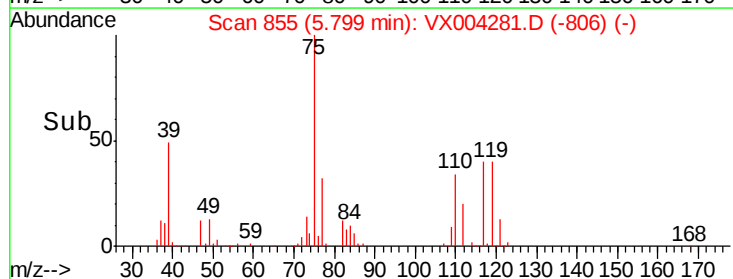
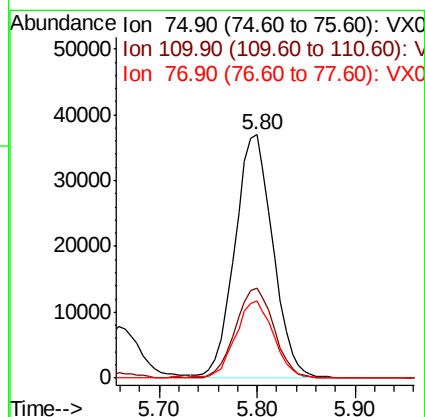
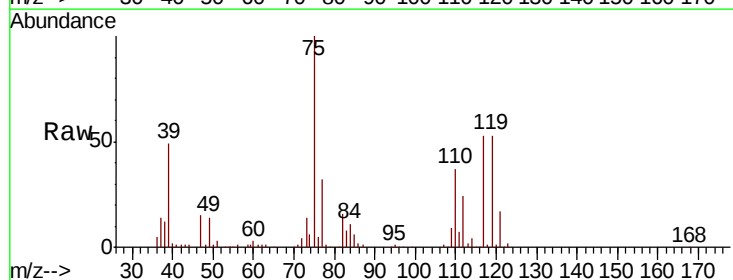
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

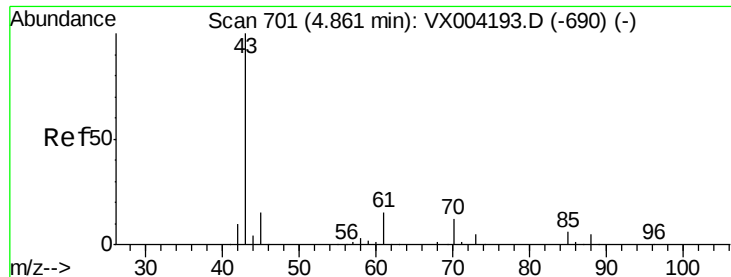
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	24.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 18.43 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.0	54.0
77	32.5	24.6	36.8





#37

Ethyl Acetate

Concen: 19.61 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

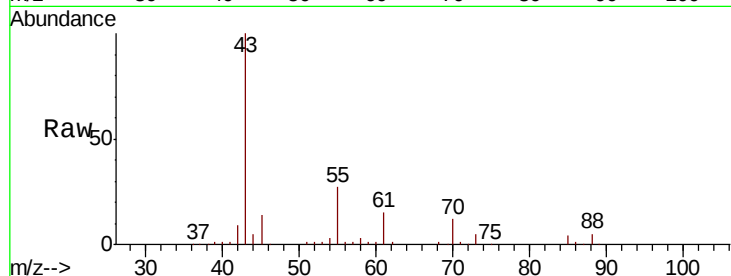
Tot Ion: 43 Resp: 103839

Ion Ratio Lower Upper

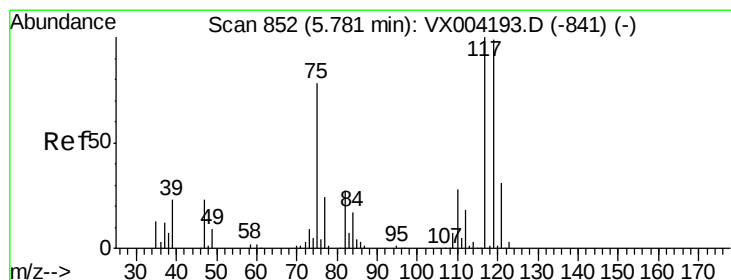
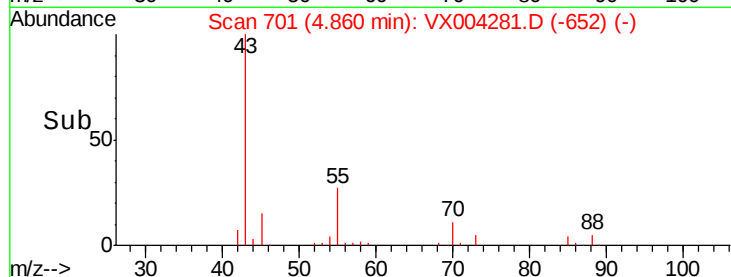
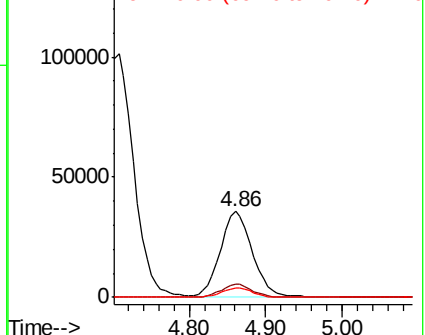
43 100

61 14.8 11.5 17.3

70 11.2 9.0 13.6



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: 19.24 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

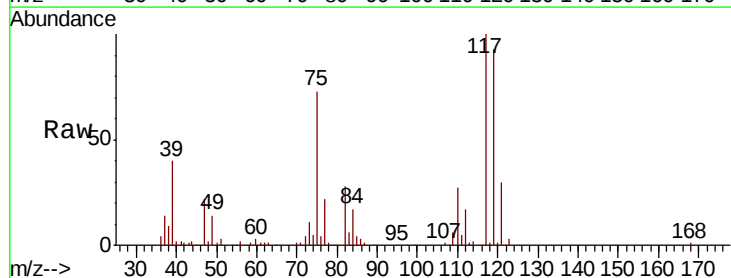
Tgt Ion: 117 Resp: 97454

Ion Ratio Lower Upper

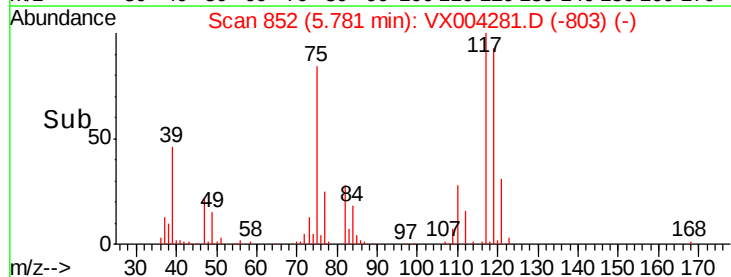
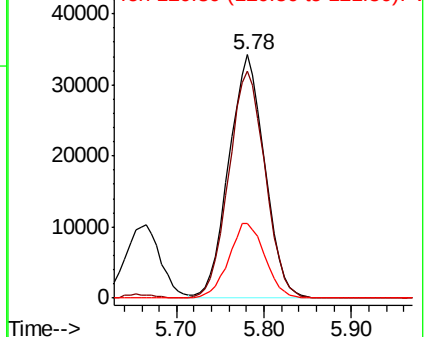
117 100

119 93.1 78.8 118.2

121 30.4 24.9 37.3



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

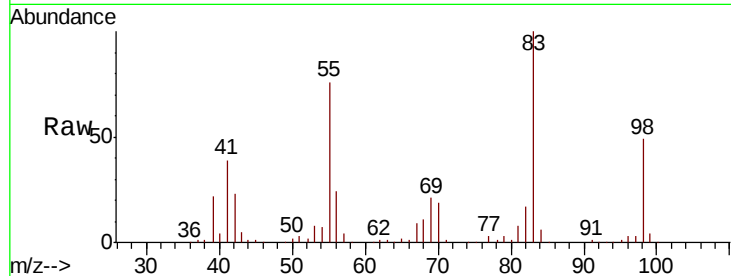




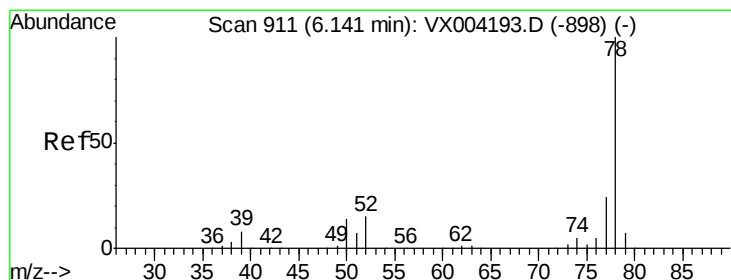
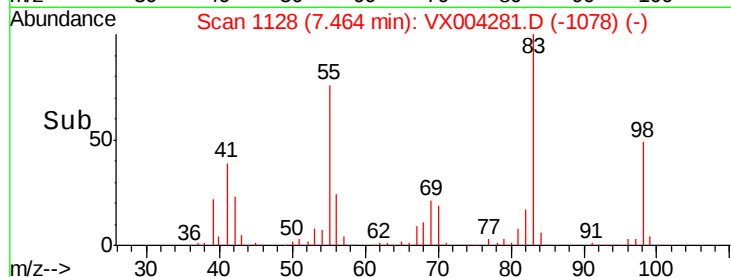
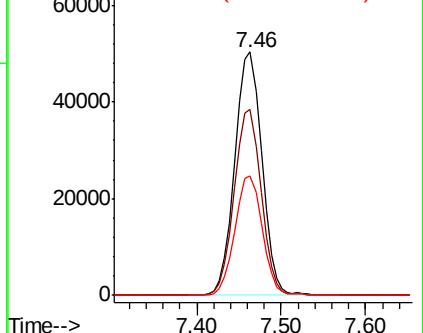
#39
Methvlcvclohexane
Concen: 17.85 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tot Ion: 83 Resp: 109705
Ion Ratio Lower Upper
83 100
55 76.5 61.0 91.4
98 49.2 39.6 59.4

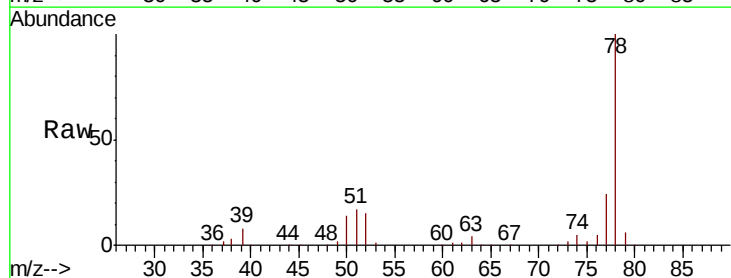


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

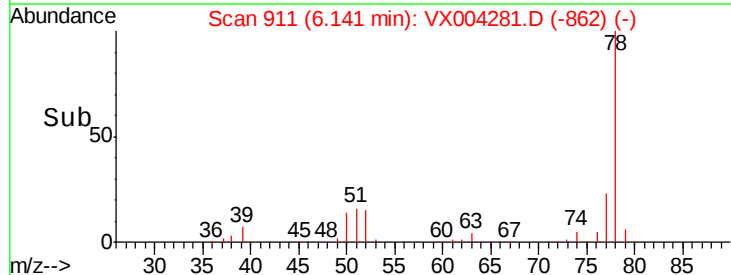
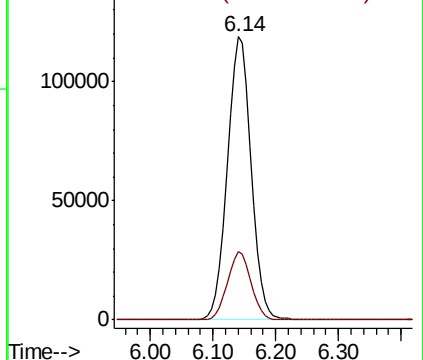


#40
Benzene
Concen: 19.34 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 78 Resp: 311165
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



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





#41

Methacrylonitrile

Concen: 19.53 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleID :

VX0829WBSD01

Tot Ion: 41 Resp: 59951

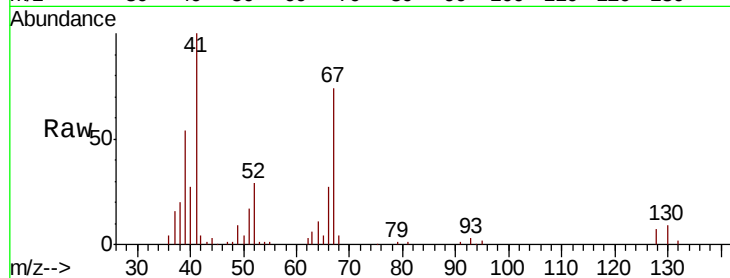
Ion Ratio Lower Upper

41 100

39 54.3 42.4 63.6

67 75.6 59.2 88.8

52 29.0 23.0 34.4



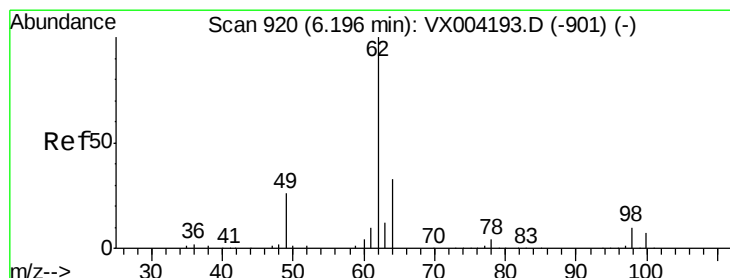
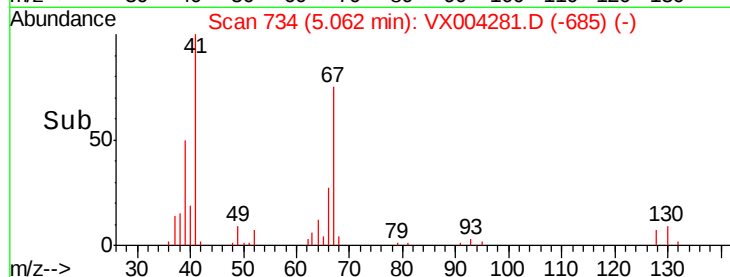
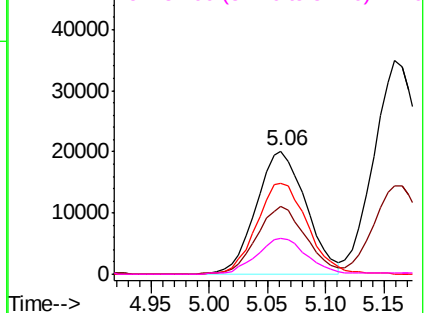
Abundance

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: 19.28 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004281.D

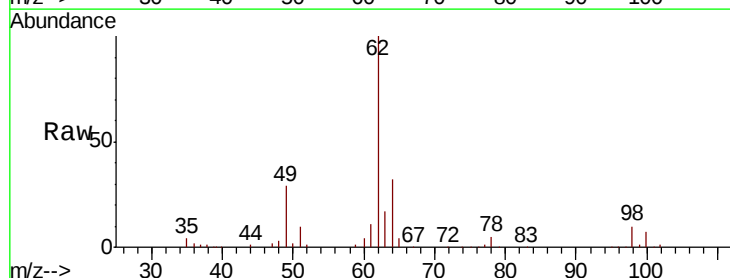
Acq: 29 Aug 2018 10:03

Tgt Ion: 62 Resp: 105836

Ion Ratio Lower Upper

62 100

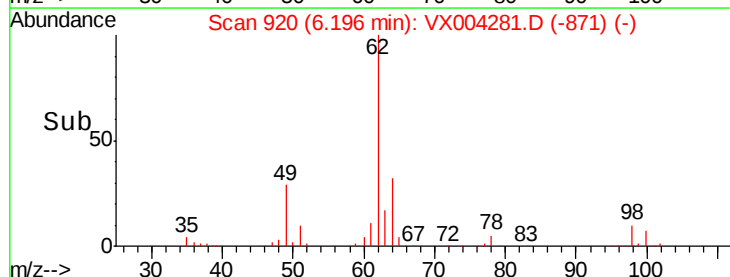
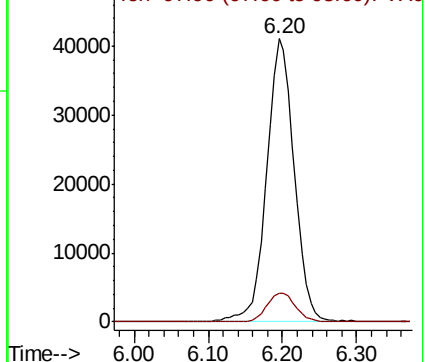
98 10.5 0.0 20.6

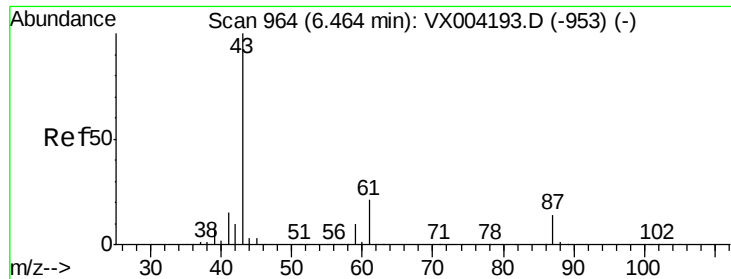


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



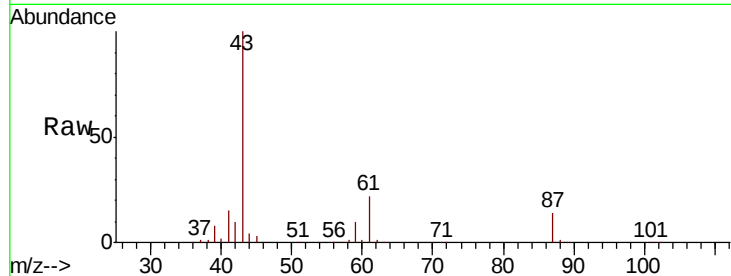


#43

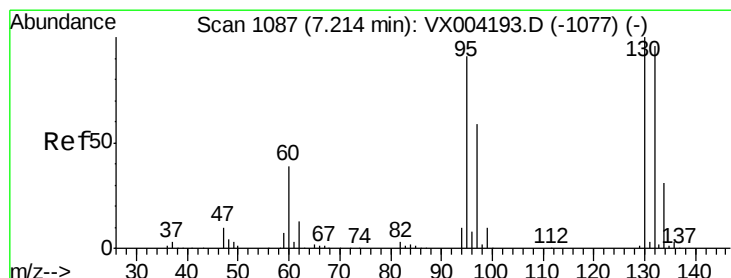
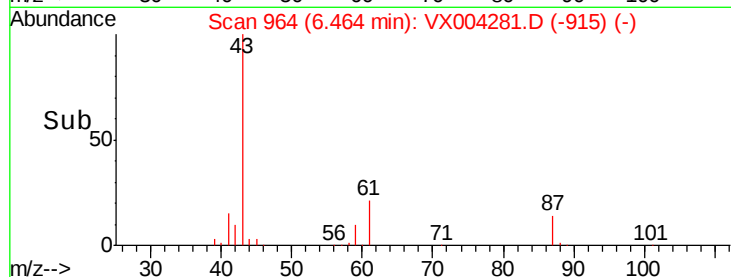
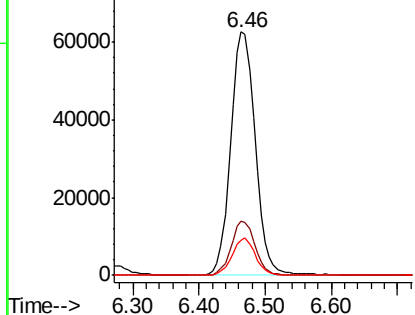
Isopropyl Acetate
 Concen: 19.78 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tot Ion: 43 Resp: 160922
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.0 25.4
 87 14.4 11.4 17.2



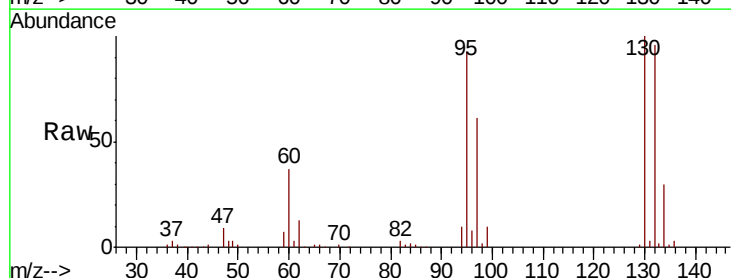
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



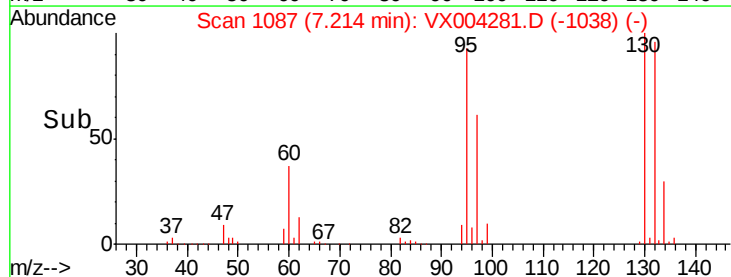
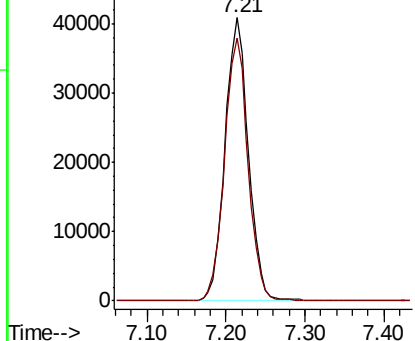
#44

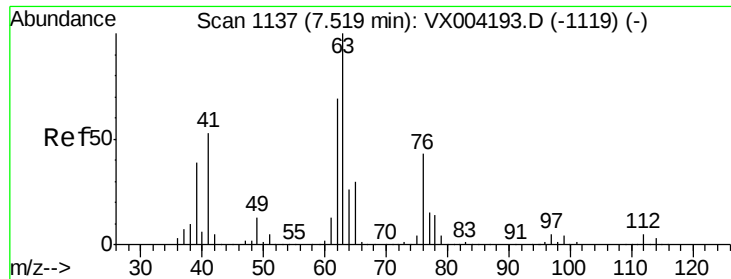
Trichloroethene
 Concen: 18.91 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion:130 Resp: 84211
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 181.6



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

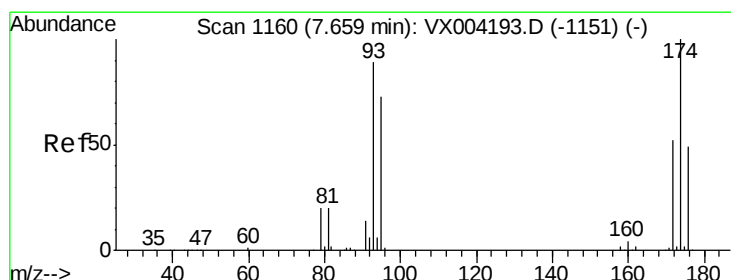
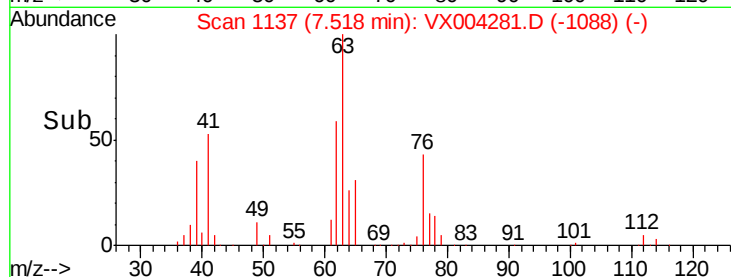
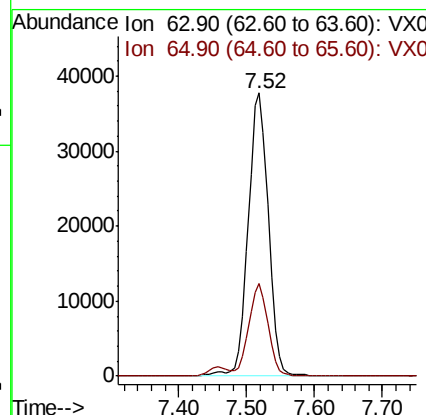
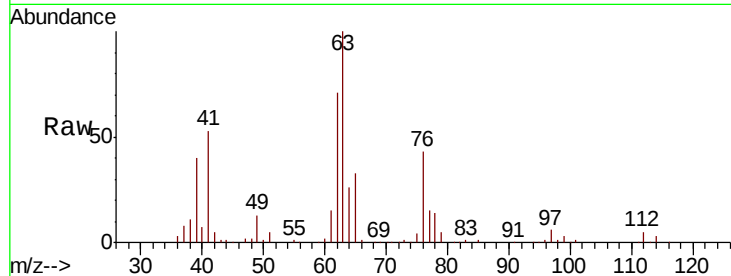




#45
 1,2-Dichloropropane
 Concen: 19.33 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

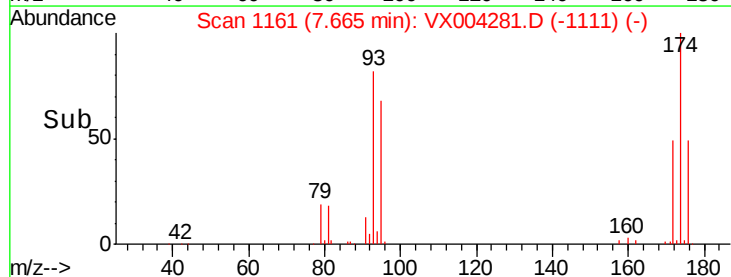
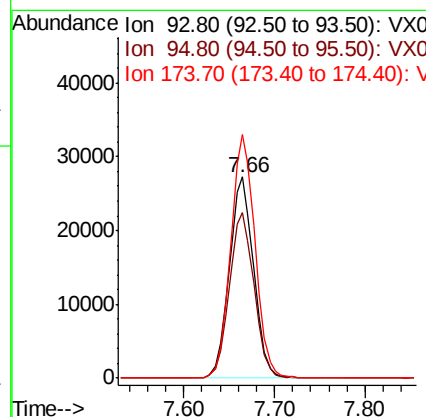
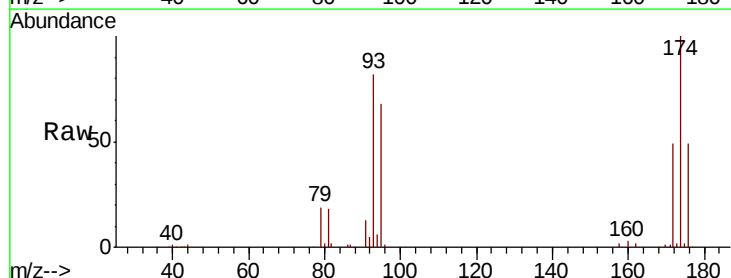
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

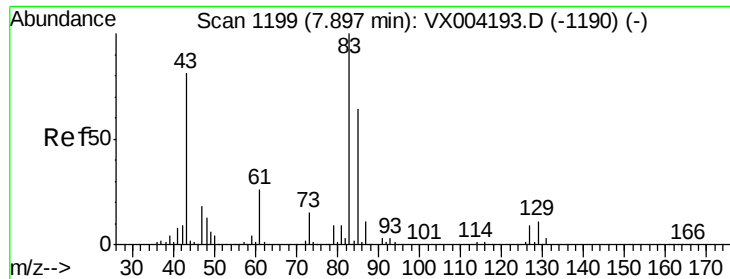
Tot Ion: 63 Resp: 77823
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.3 36.5



#46
 Dibromomethane
 Concen: 19.13 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion: 93 Resp: 51288
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 120.9 94.2 141.4





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

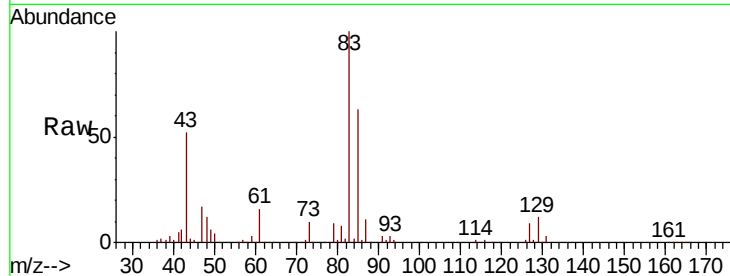
Tot Ion: 83 Resp: 96471

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

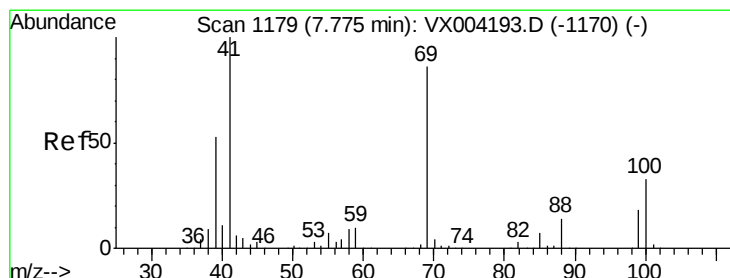
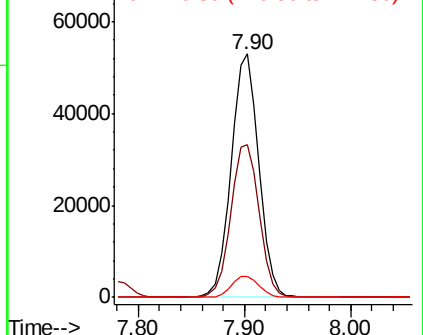
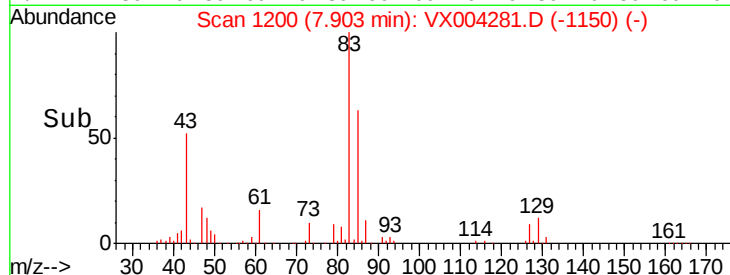
127 8.7 7.3 10.9



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: 19.37 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

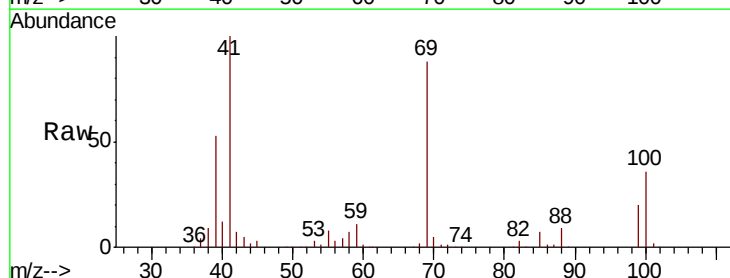
Tgt Ion: 41 Resp: 84342

Ion Ratio Lower Upper

41 100

69 90.1 70.2 105.4

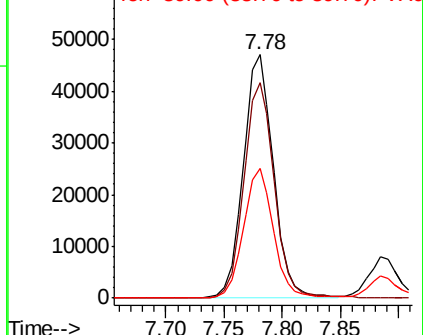
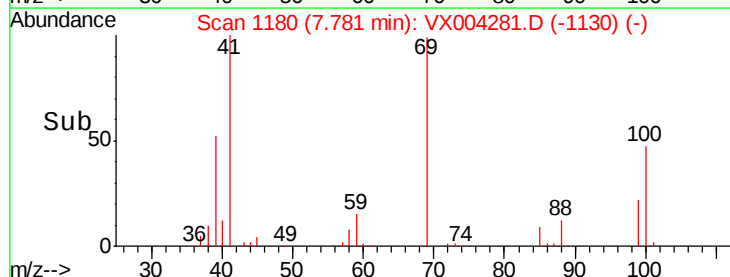
39 53.7 42.7 64.1

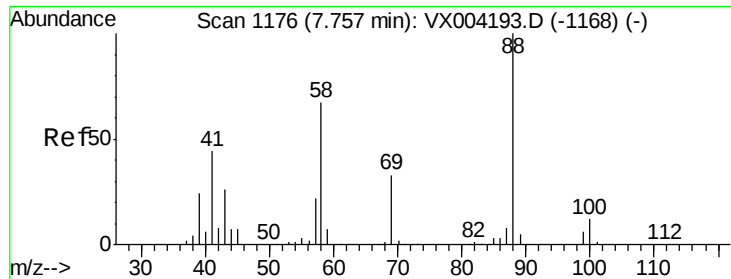


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

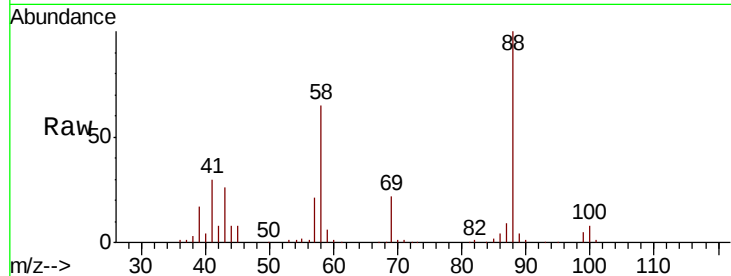




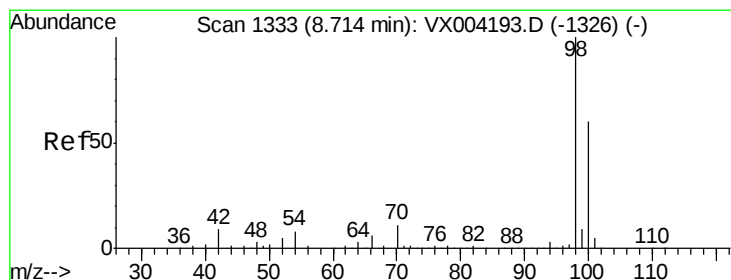
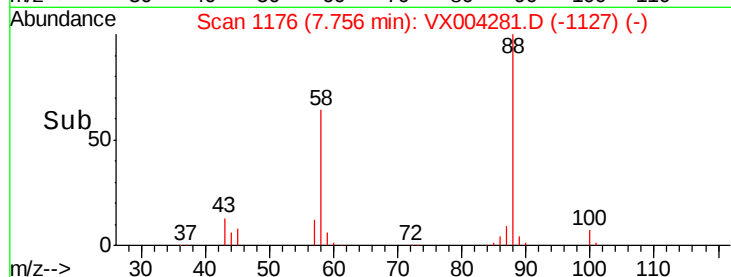
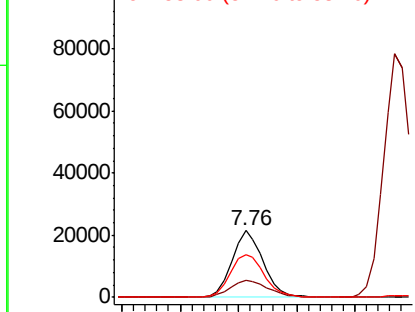
#49
1,4-Dioxane
Concen: 405.68 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tot Ion: 88 Resp: 40103
Ion Ratio Lower Upper
88 100
43 29.6 24.7 37.1
58 69.8 55.3 82.9

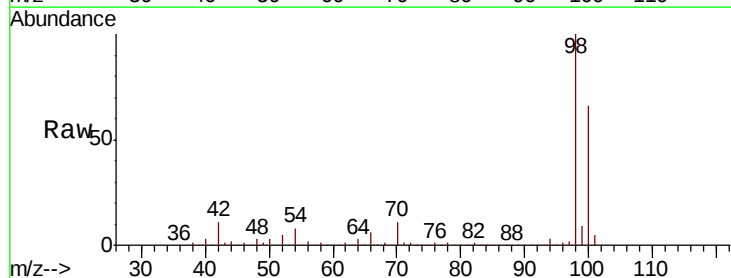


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

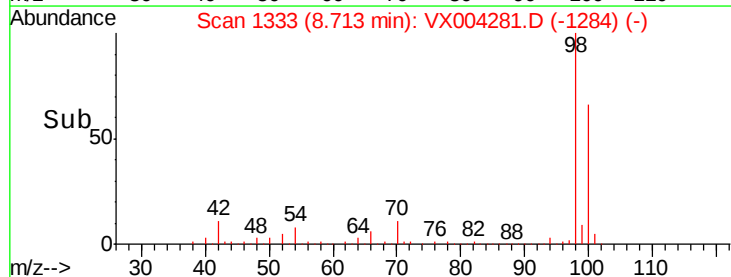
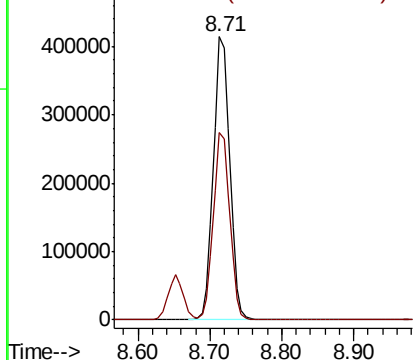


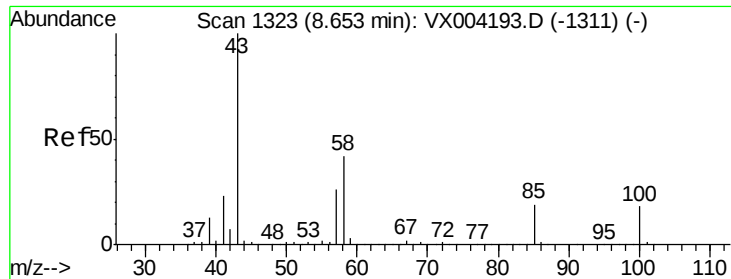
#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 98 Resp: 649609
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 94.15 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

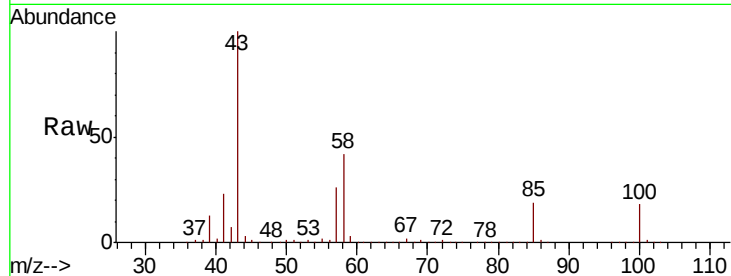
VX0829WBSD01

Tot Ion: 43 Resp: 556612

Ion Ratio Lower Upper

43 100

58 41.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

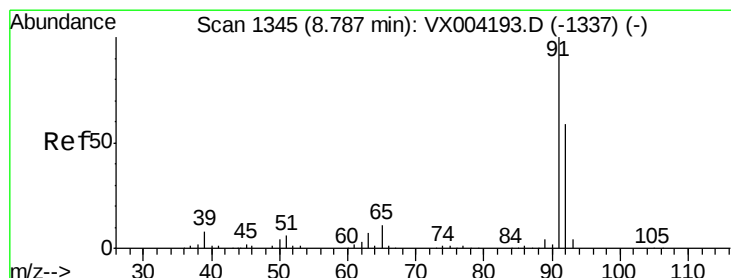
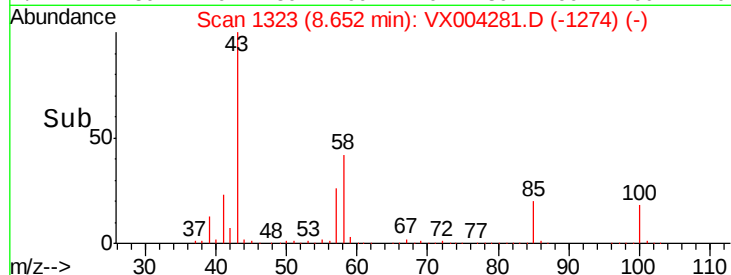
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.82 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004281.D

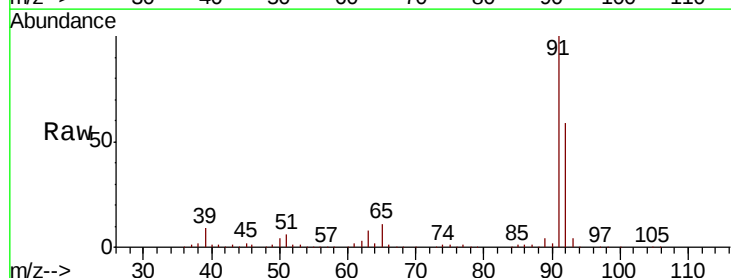
Acq: 29 Aug 2018 10:03

Tgt Ion: 92 Resp: 199640

Ion Ratio Lower Upper

92 100

91 168.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

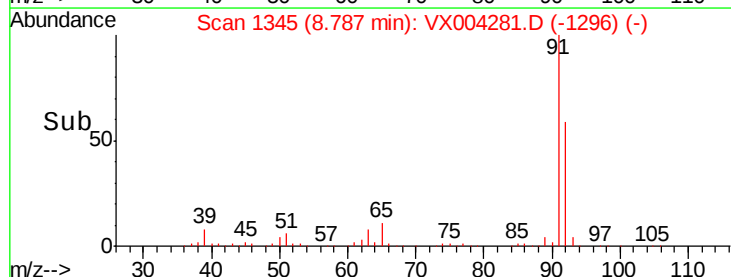
150000

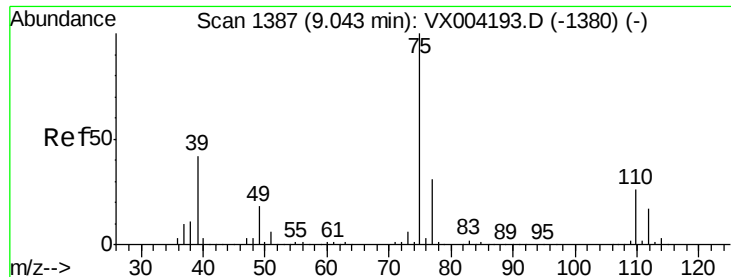
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.42 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

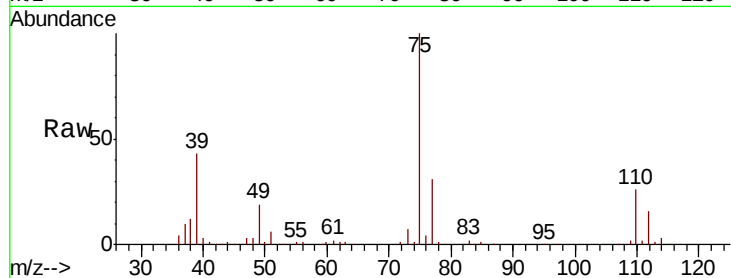
VX0829WBSD01

Tot Ion: 75 Resp: 107033

Ion Ratio Lower Upper

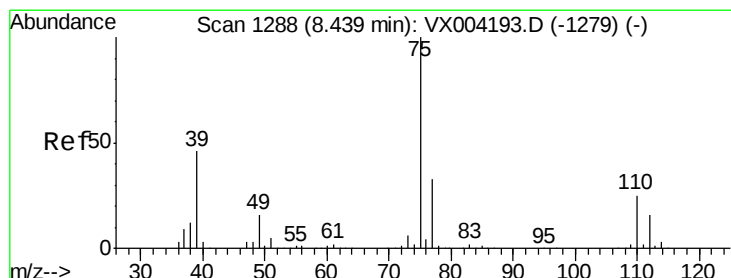
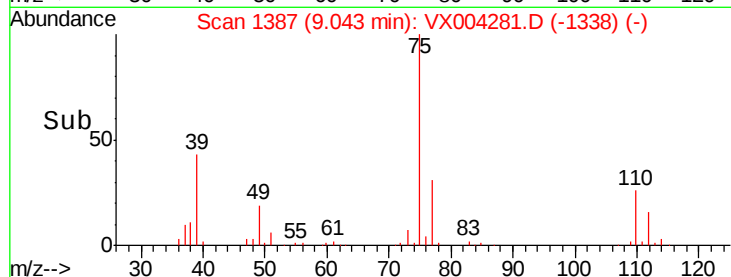
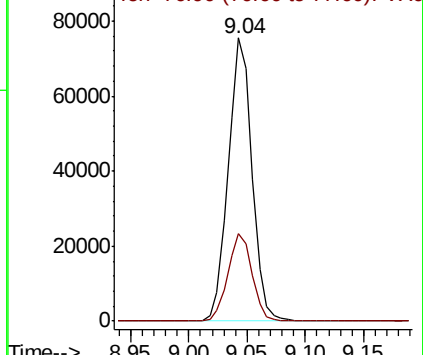
75 100

77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

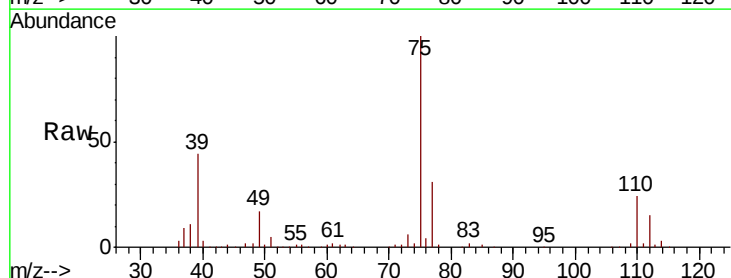
Tgt Ion: 75 Resp: 118449

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

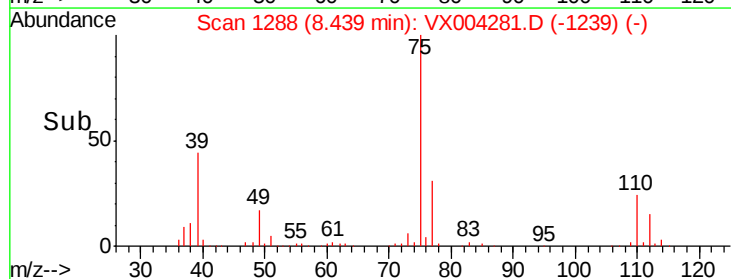
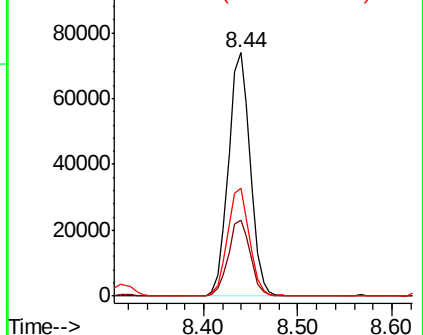
39 44.1 36.4 54.6

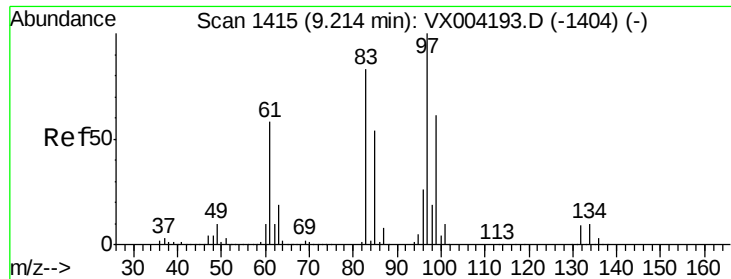


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

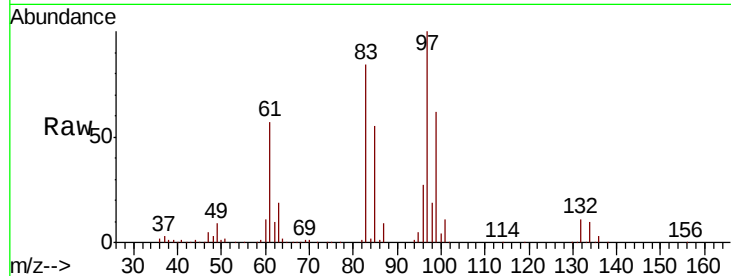




#55
 1,1,2-Trichloroethane
 Concen: 19.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tot Ion:	97	Resp:	80546
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.4	99.6
85	55.0	43.3	64.9
99	61.8	49.0	73.4



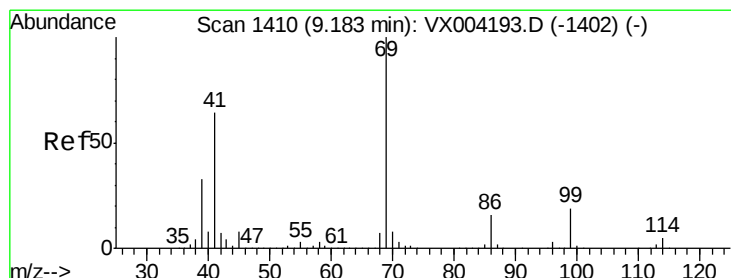
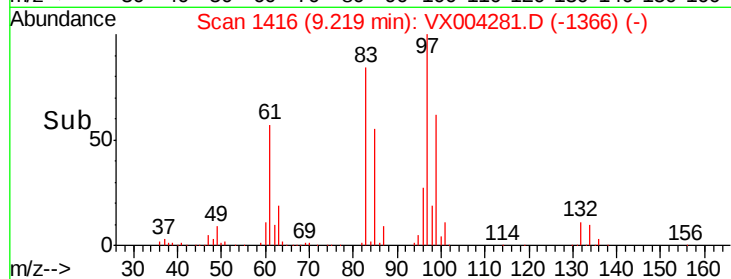
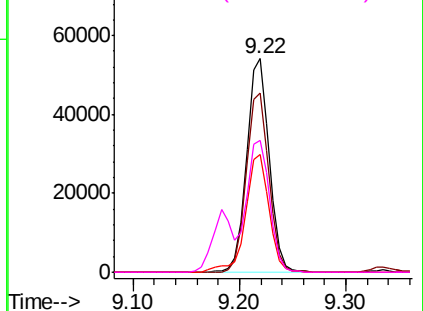
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

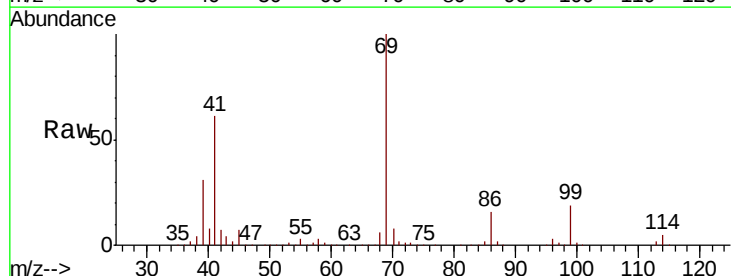
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.20 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion:	69	Resp:	111802
Ion	Ratio	Lower	Upper
69	100		
41	62.5	51.0	76.4
39	31.9	26.1	39.1

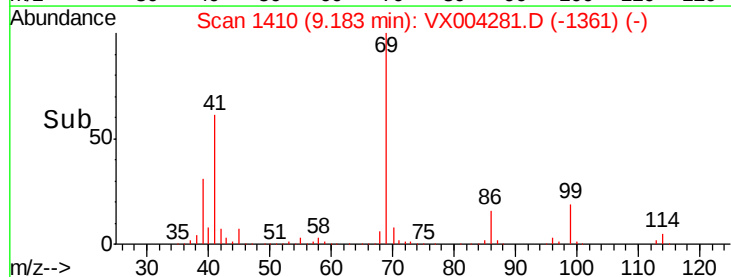
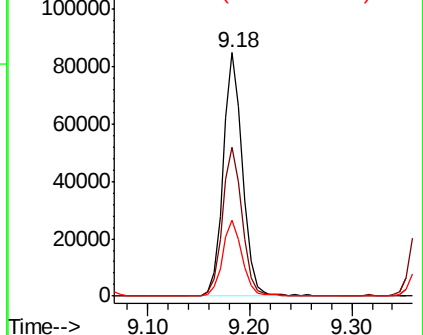


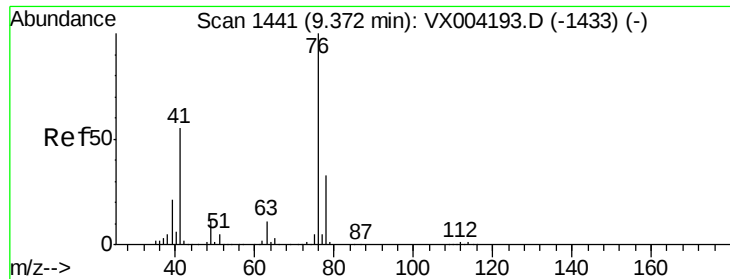
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.80 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

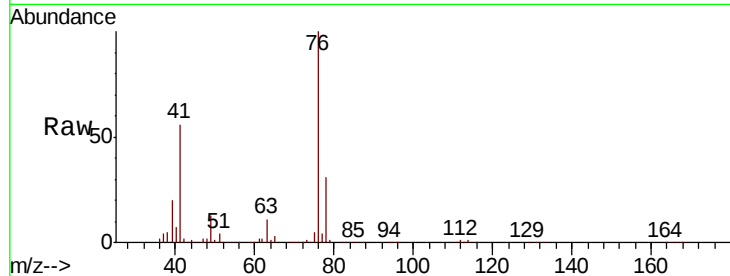
VX0829WBSD01

Tot Ion: 76 Resp: 135663

Ion Ratio Lower Upper

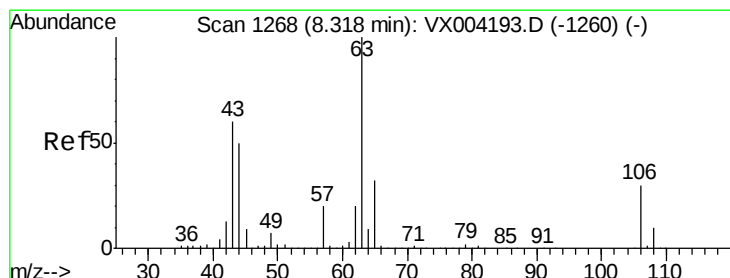
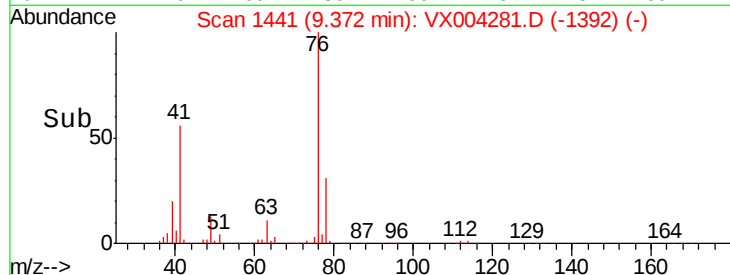
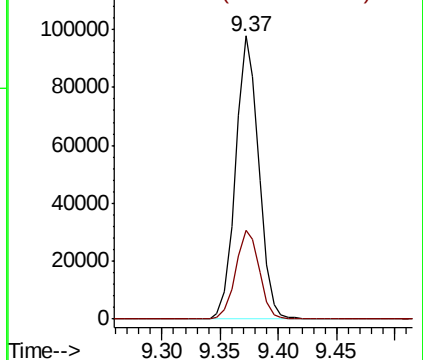
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004281.D

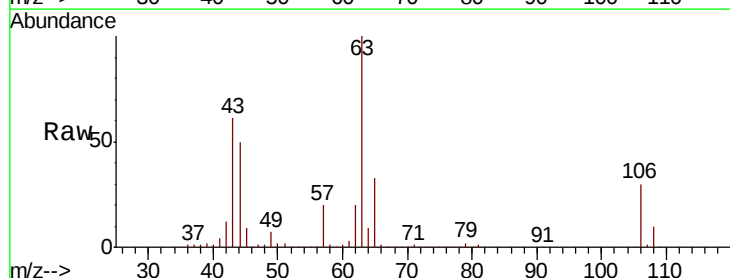
Acq: 29 Aug 2018 10:03

Tgt Ion: 63 Resp: 287426

Ion Ratio Lower Upper

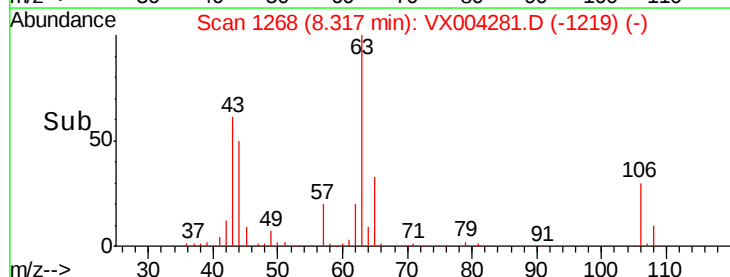
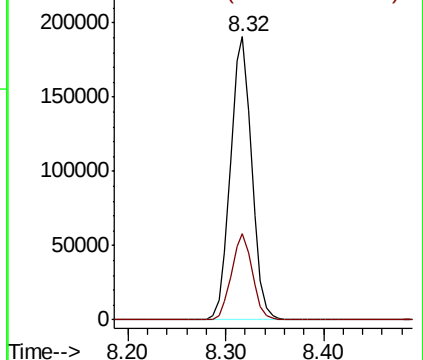
63 100

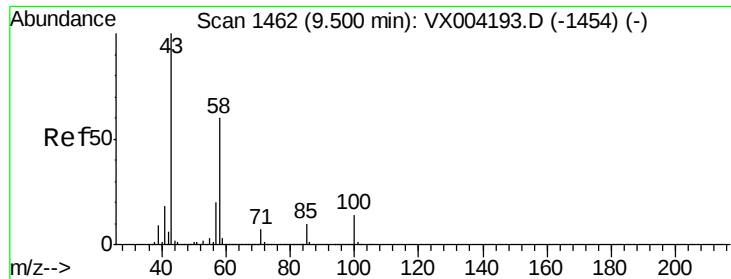
106 30.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

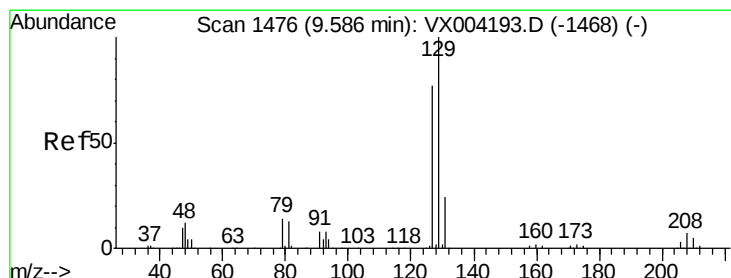
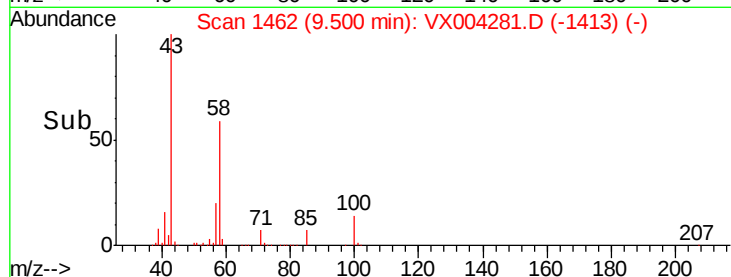
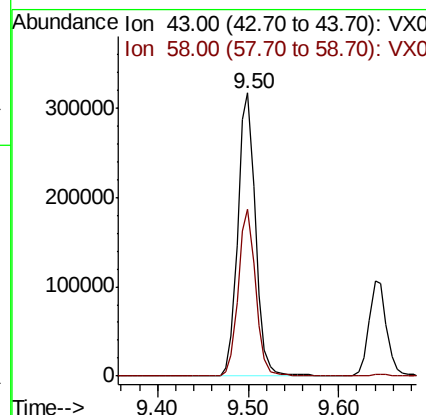
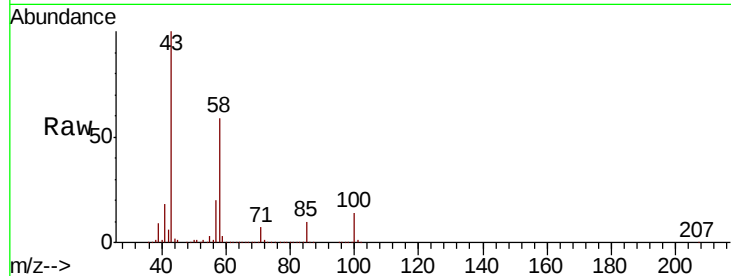




#59
2-Hexanone
Concen: 95.05 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

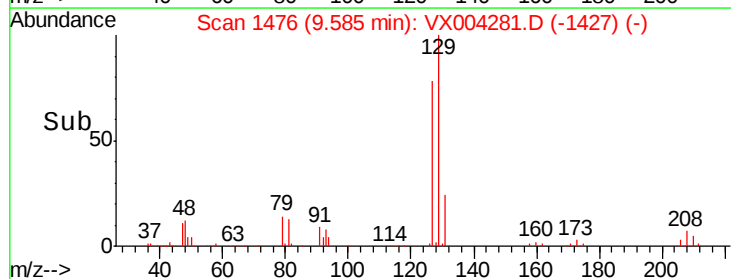
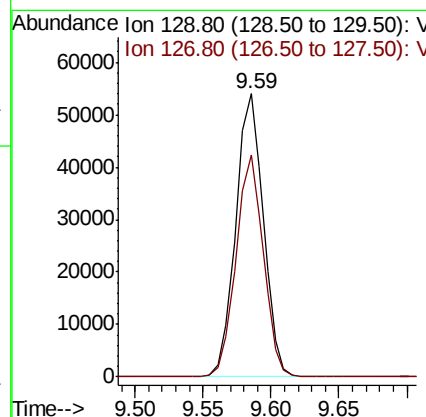
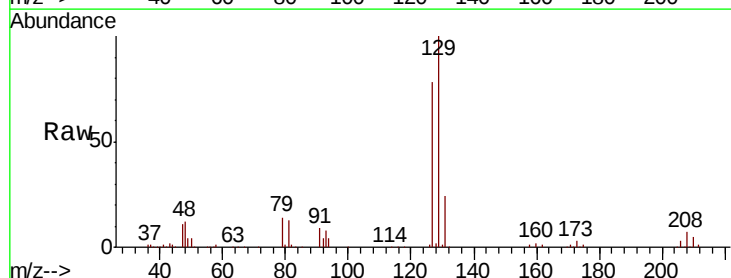
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

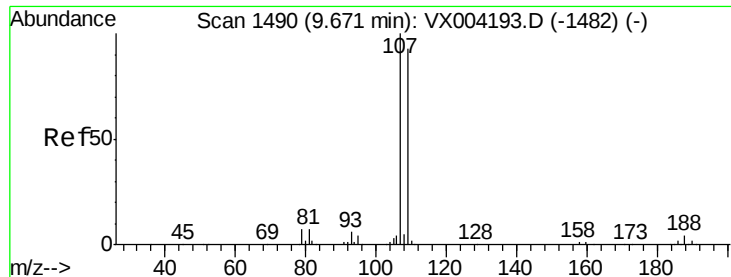
Tot Ion: 43 Resp: 428721
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 129 Resp: 76277
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.57 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

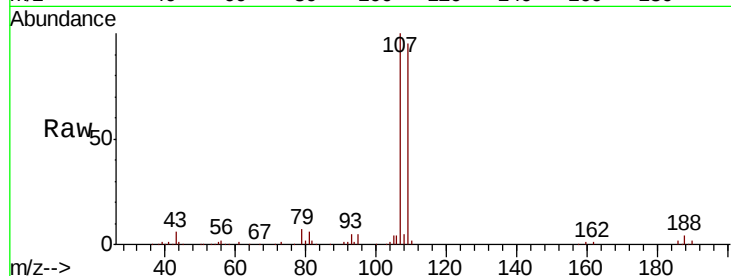
VX0829WBSD01

Tot Ion:107 Resp: 82349

Ion Ratio Lower Upper

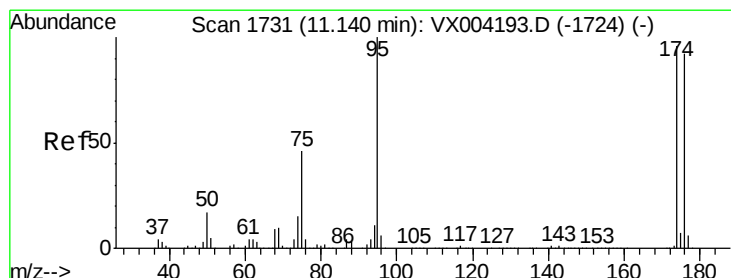
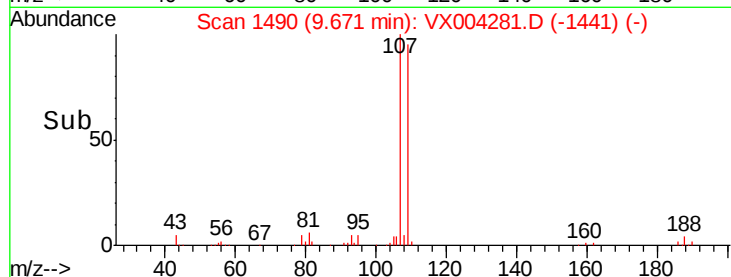
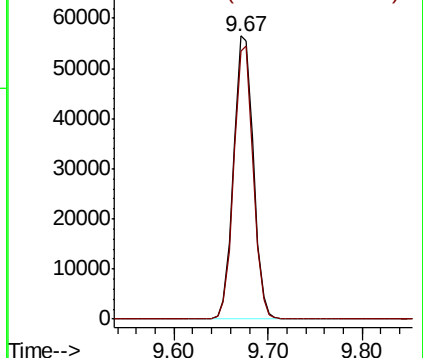
107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

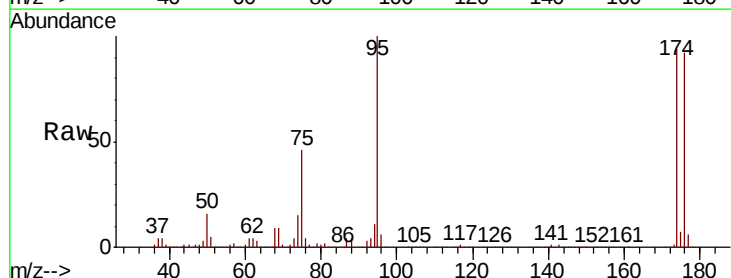
Tgt Ion: 95 Resp: 242867

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

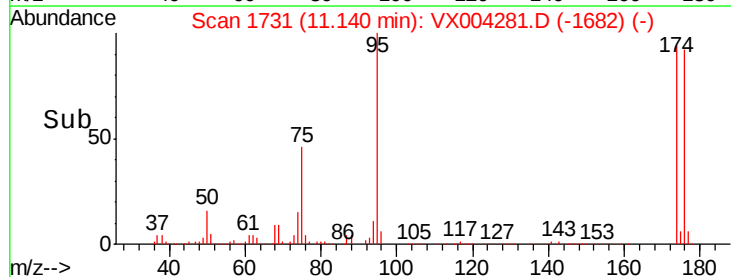
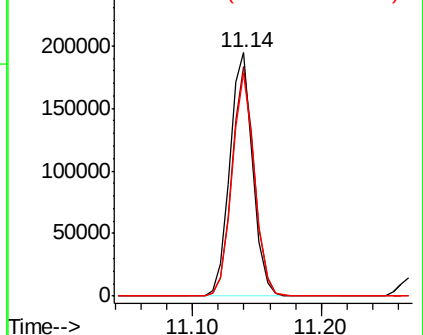
176 89.8 0.0 178.6

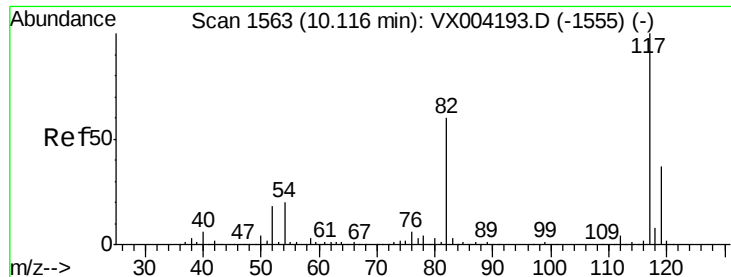


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

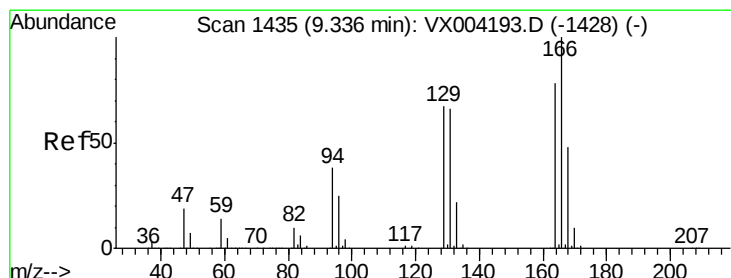
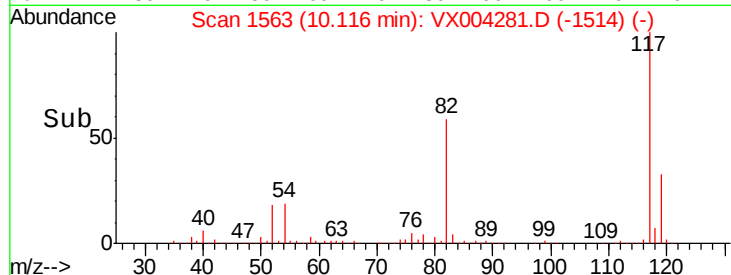
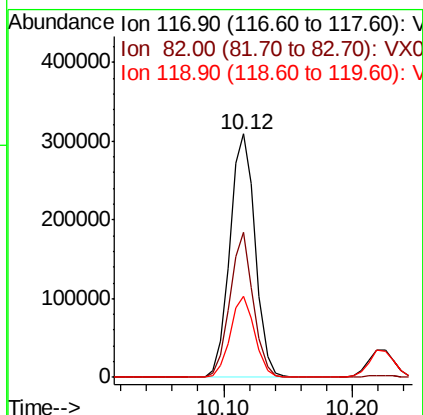
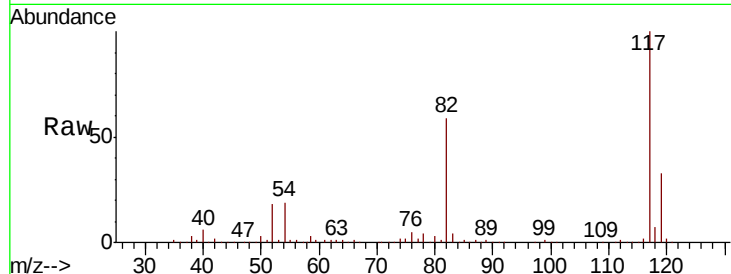




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

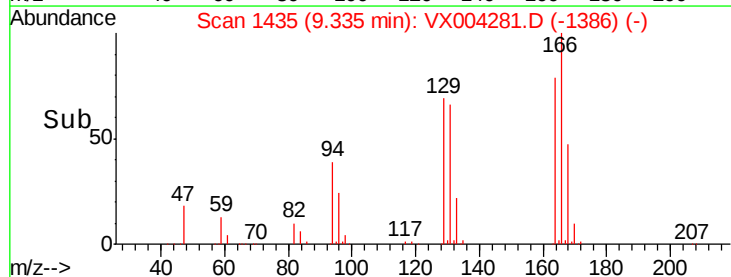
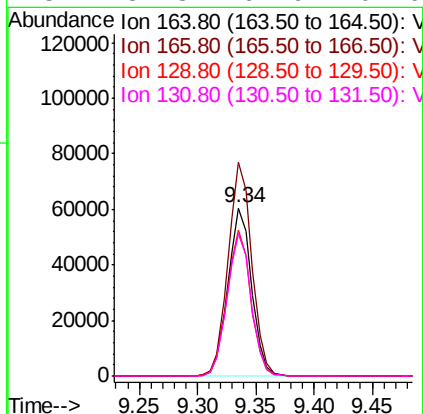
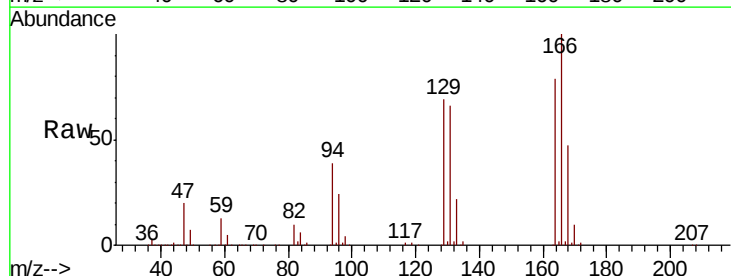
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

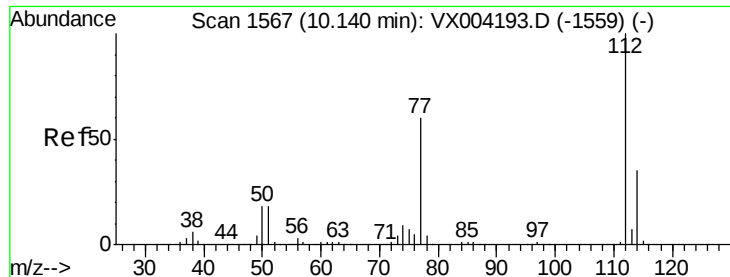
Tot Ion:117 Resp: 424912
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.6
119 33.3 29.3 43.9



#64
Tetrachloroethene
Concen: 20.33 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion:164 Resp: 85342
Ion Ratio Lower Upper
164 100
166 127.0 102.8 154.2
129 87.1 69.4 104.0
131 84.3 67.9 101.9

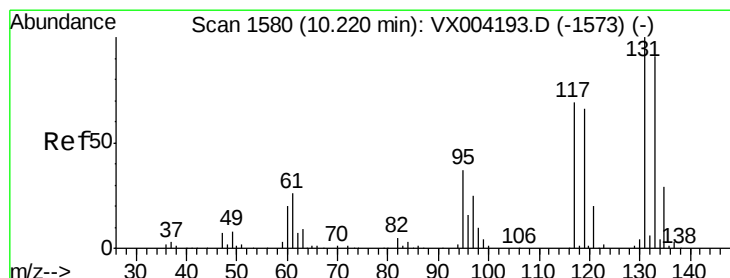
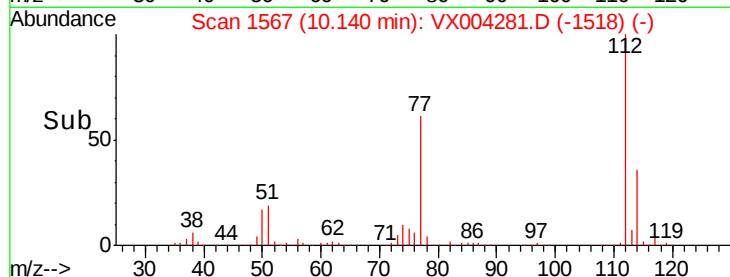
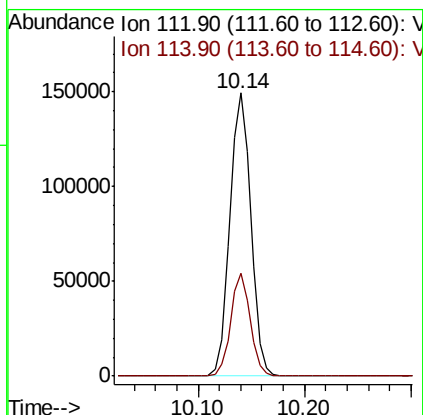
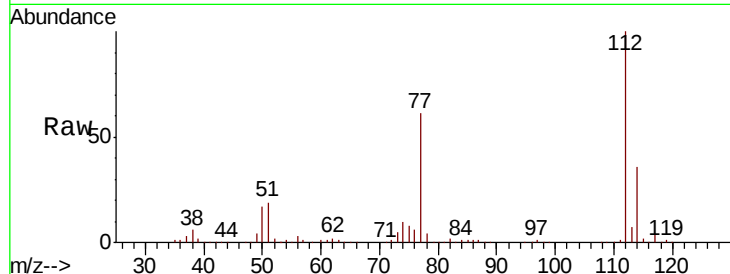




#65
Chlorobenzene
Concen: 19.49 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

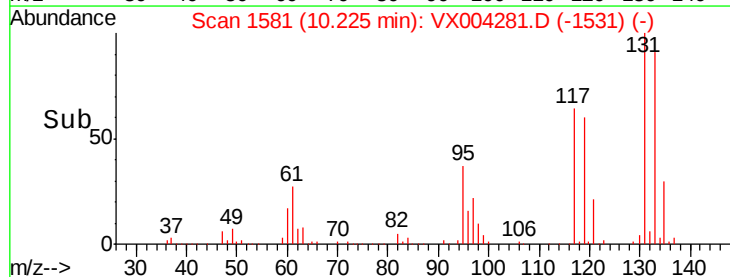
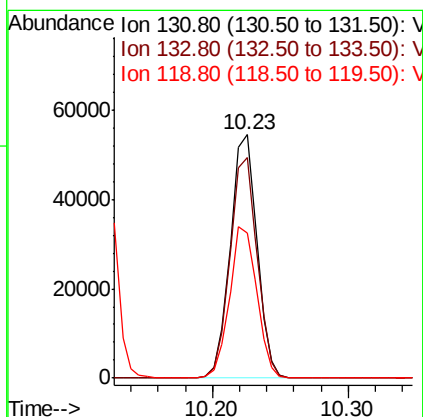
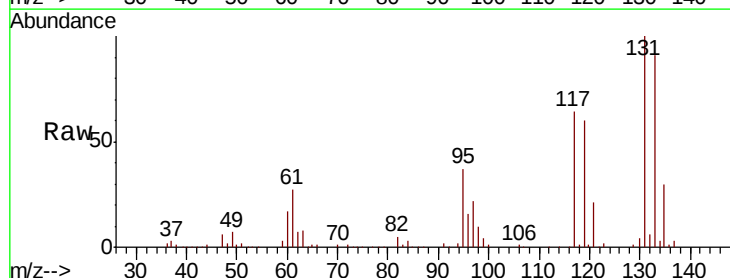
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

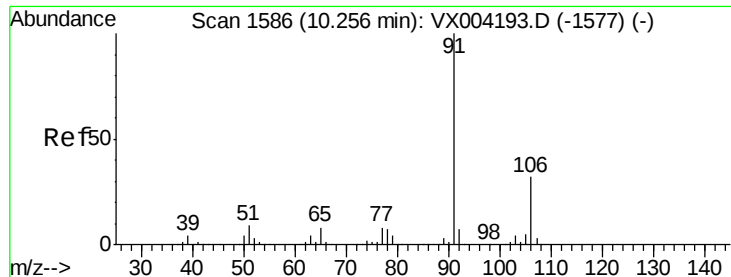
Tot Ion:112 Resp: 207829
Ion Ratio Lower Upper
112 100
114 36.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.25 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion:131 Resp: 74476
Ion Ratio Lower Upper
131 100
133 92.2 48.1 144.4
119 63.8 32.9 98.6

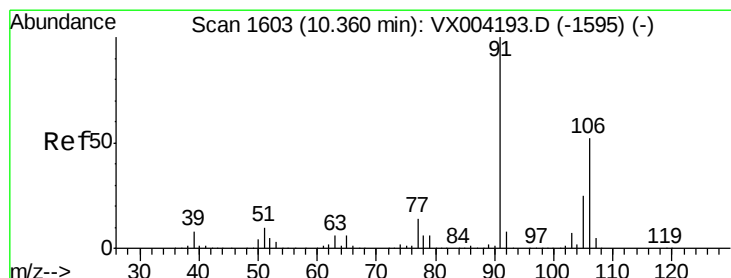
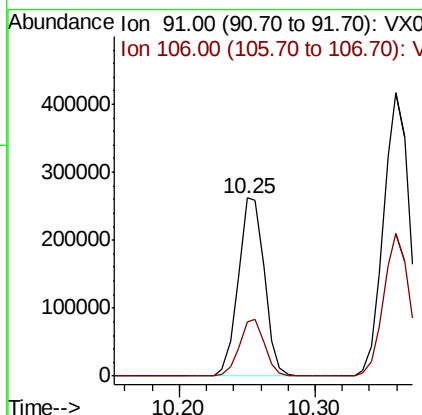
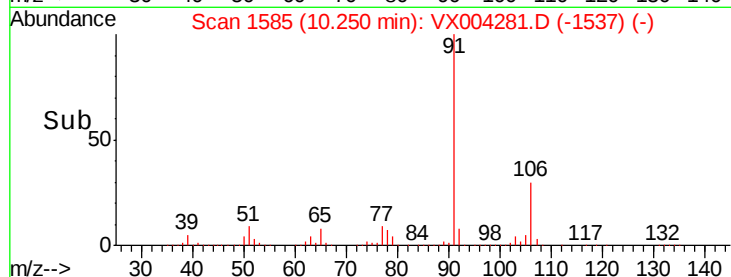
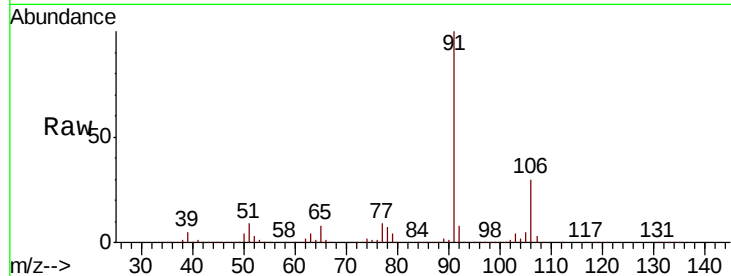




#67
Ethyl Benzene
Concen: 20.25 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

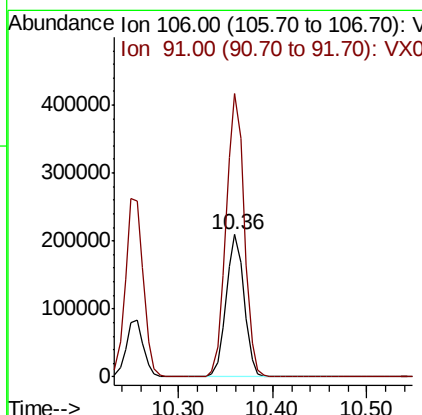
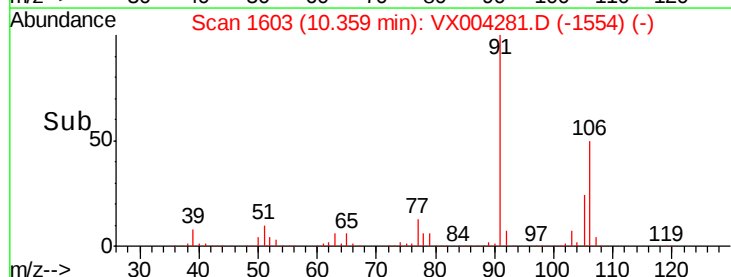
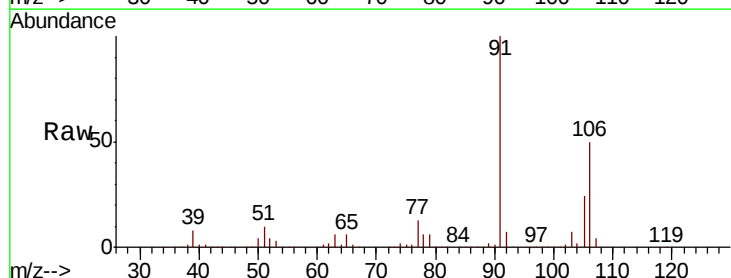
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

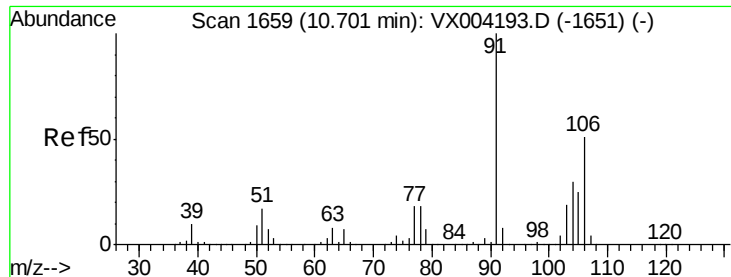
Tot Ion: 91 Resp: 350796
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



#68
m/p-Xylenes
Concen: 40.98 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion: 106 Resp: 277493
Ion Ratio Lower Upper
106 100
91 200.7 157.1 235.7

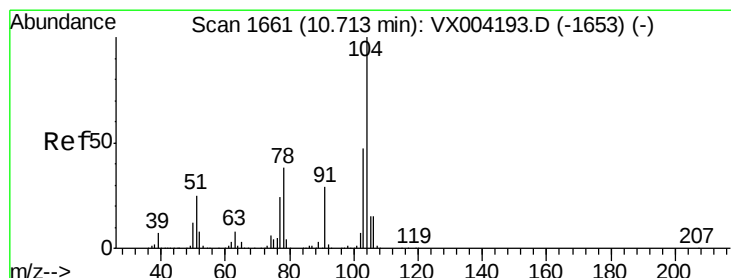
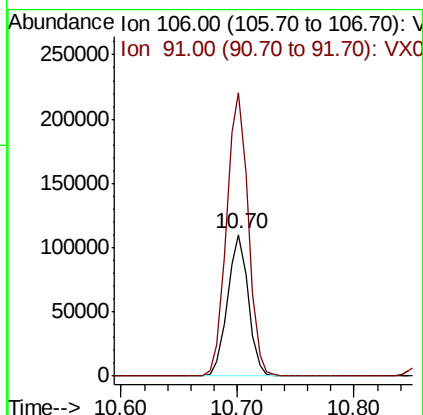
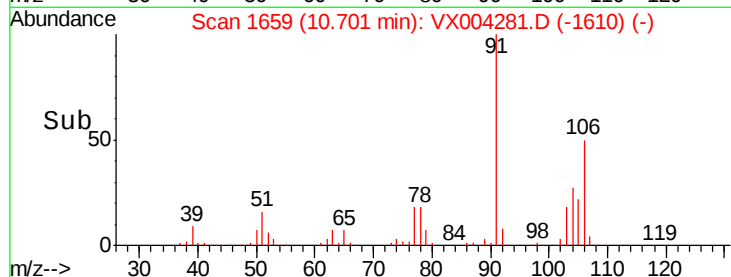
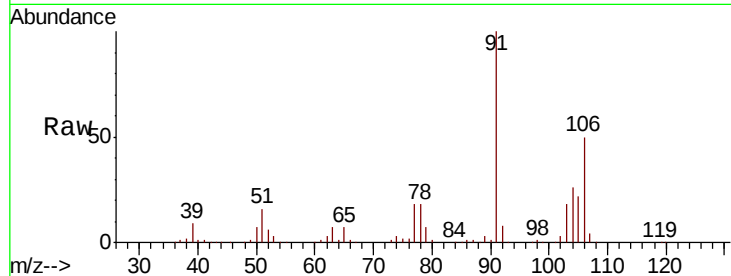




#69
o-Xylene
Concen: 21.31 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

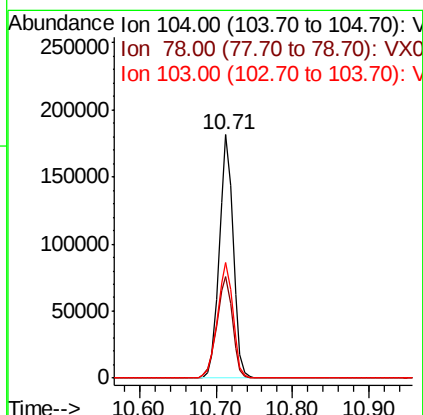
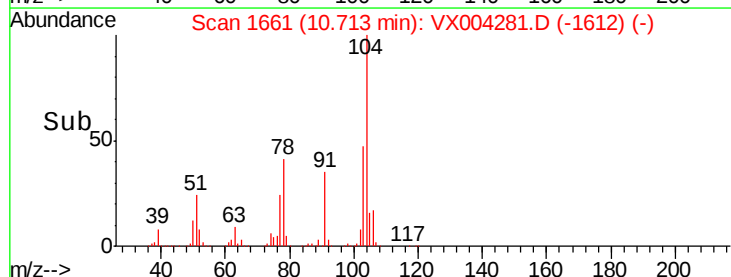
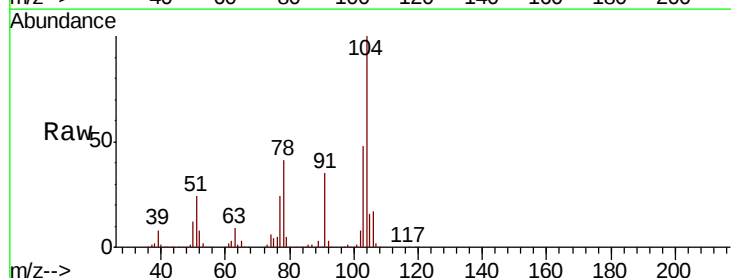
Instrument :
MSVOA_X
ClientSampleID :
VX0829WBSD01

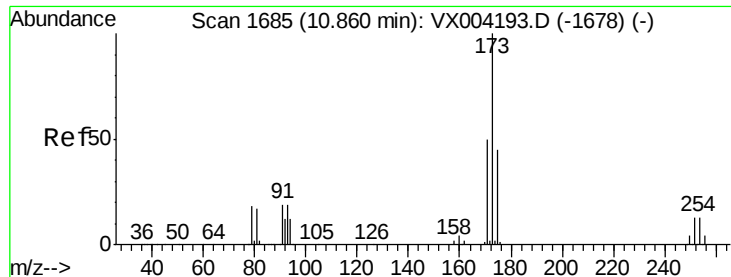
Tot Ion:106 Resp: 136528
Ion Ratio Lower Upper
106 100
91 208.4 105.1 315.1



#70
Styrene
Concen: 22.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004281.D
Acq: 29 Aug 2018 10:03

Tgt Ion:104 Resp: 228735
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 53.3 43.8 65.6





#71

Bromoform

Concen: 19.59 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

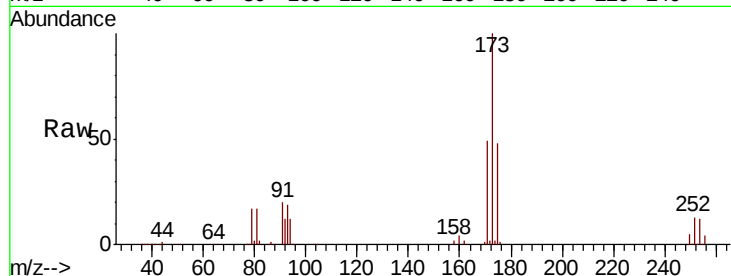
Tot Ion:173 Resp: 58073

Ion Ratio Lower Upper

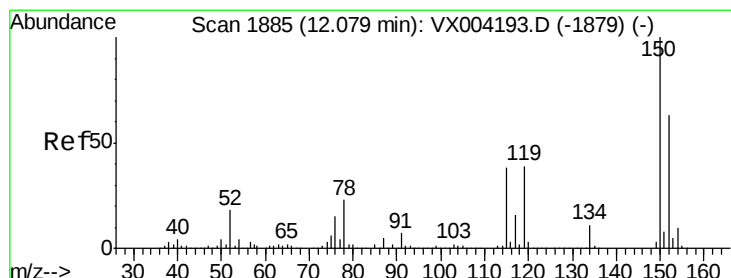
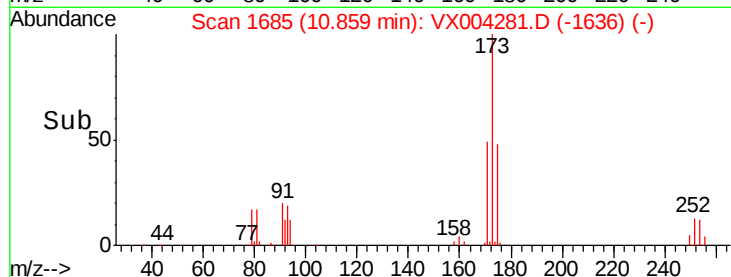
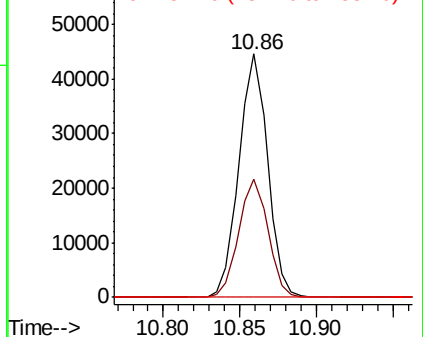
173 100

175 49.5 24.1 72.3

254 0.2 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

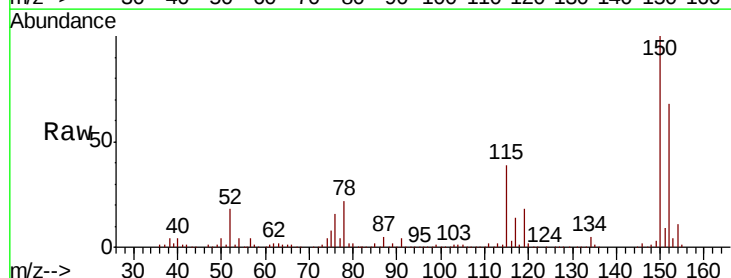
Tgt Ion:152 Resp: 262438

Ion Ratio Lower Upper

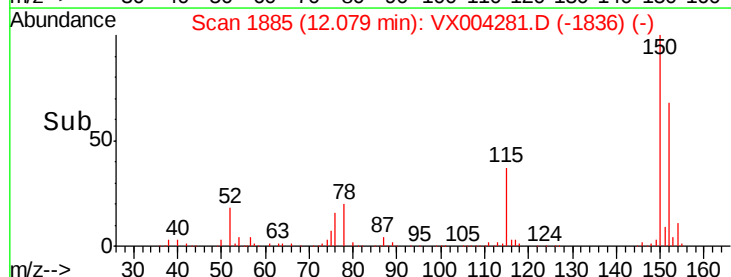
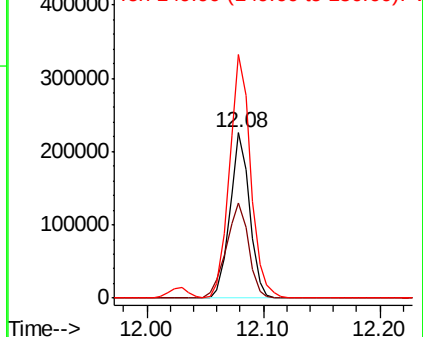
152 100

115 65.8 39.0 117.0

150 159.5 0.0 351.0



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: 21.70 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

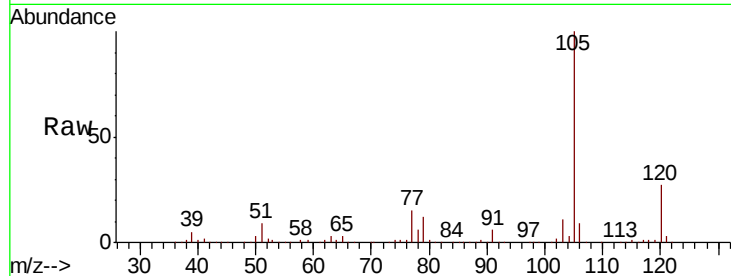
VX0829WBSD01

Tot Ion:105 Resp: 374097

Ion Ratio Lower Upper

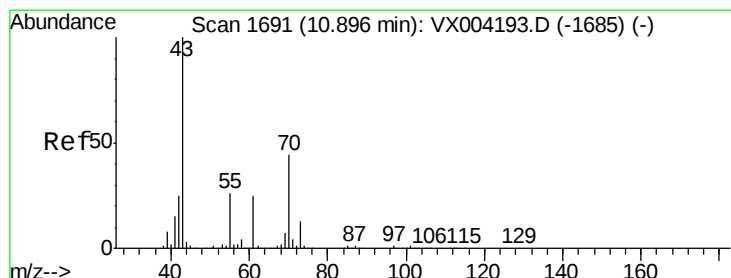
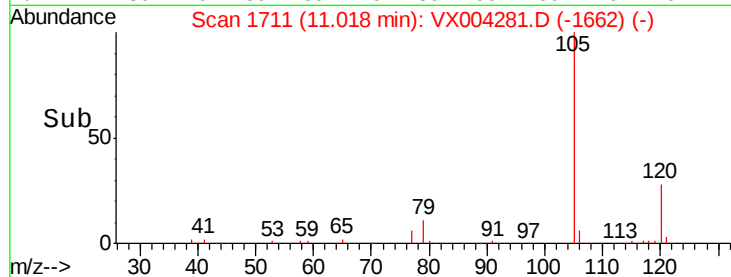
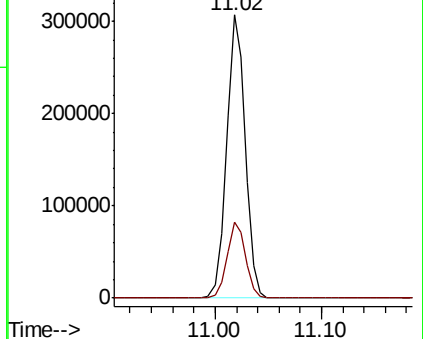
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.03 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Tgt Ion: 43 Resp: 132937

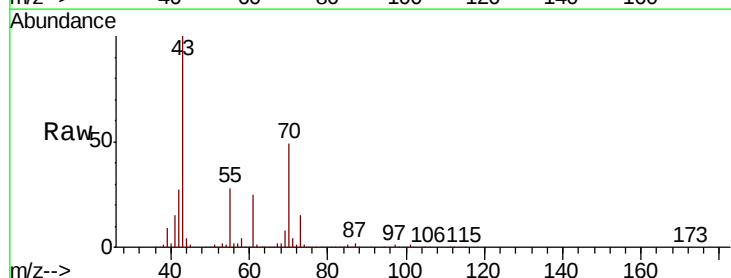
Ion Ratio Lower Upper

43 100

70 48.3 37.4 56.0

55 28.2 21.8 32.8

61 25.6 20.6 30.8

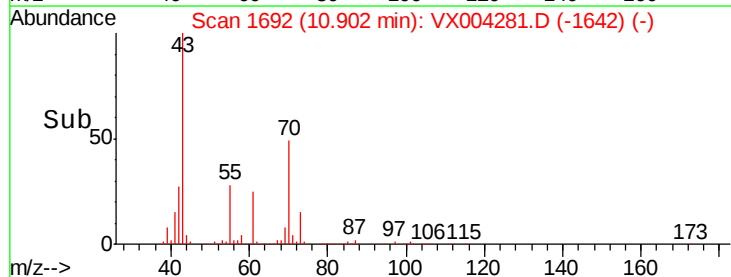
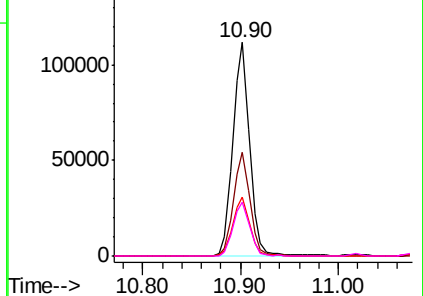


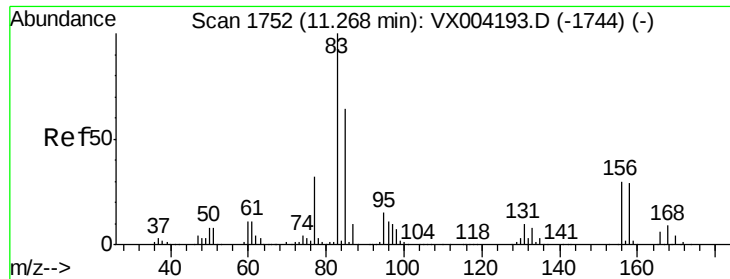
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.57 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampled :

VX0829WBSD01

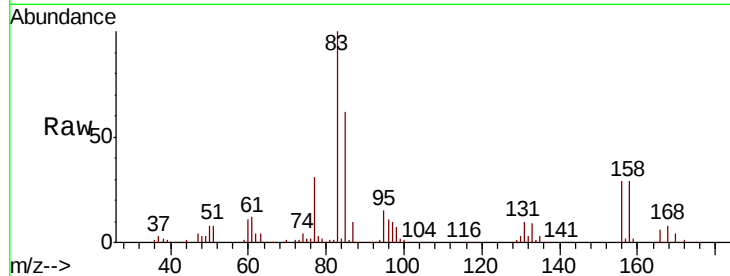
Tot Ion: 83 Resp: 124102

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

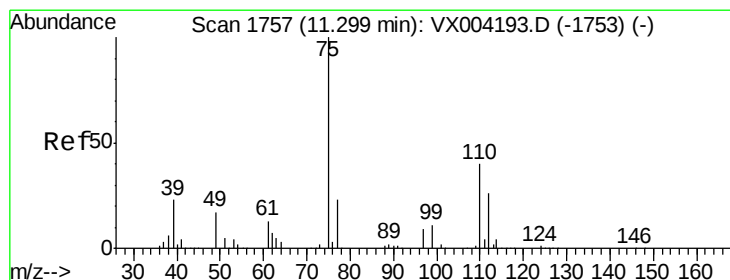
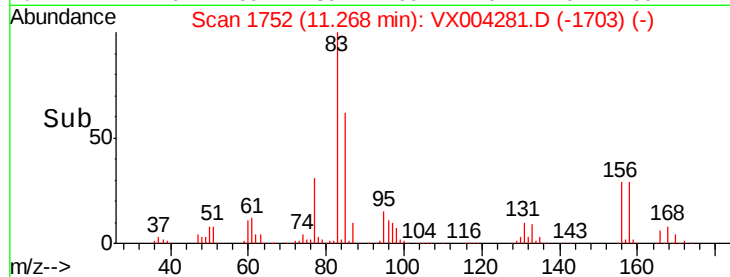
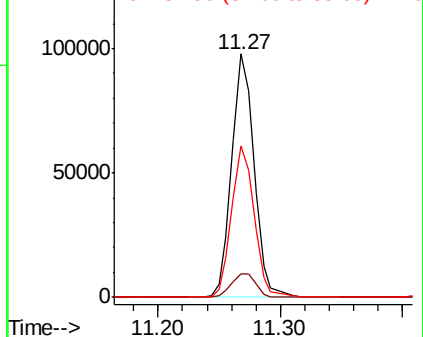
85 62.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.51 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004281.D

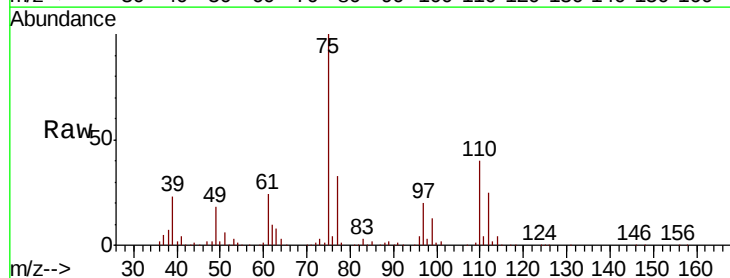
Acq: 29 Aug 2018 10:03

Tgt Ion: 75 Resp: 136181

Ion Ratio Lower Upper

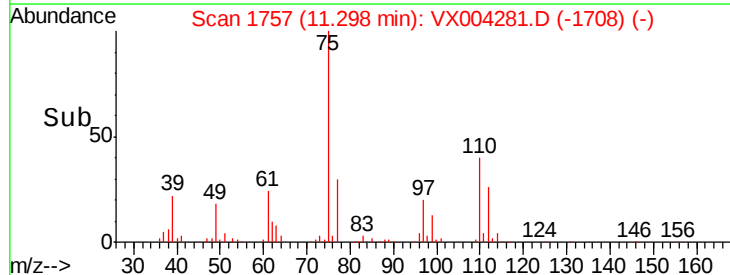
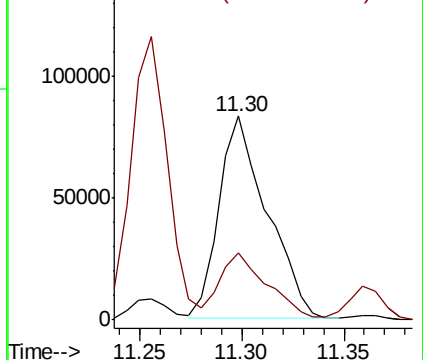
75 100

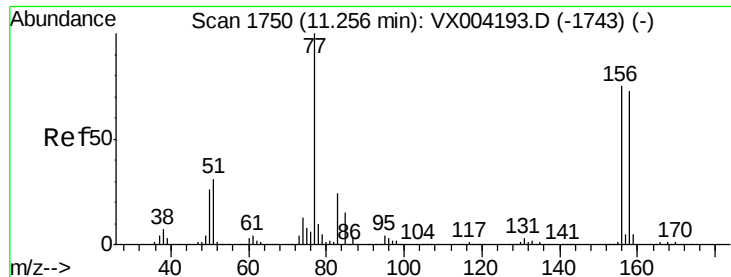
77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.80 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

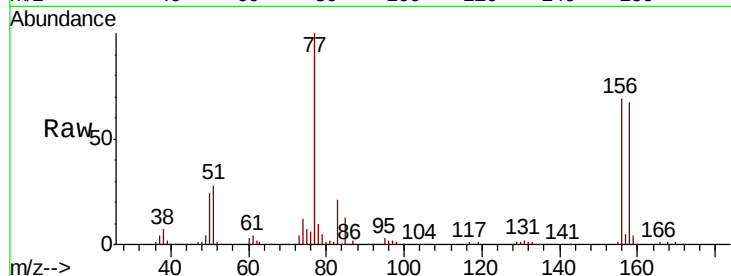
Tot Ion:156 Resp: 100569

Ion Ratio Lower Upper

156 100

77 145.5 71.5 214.3

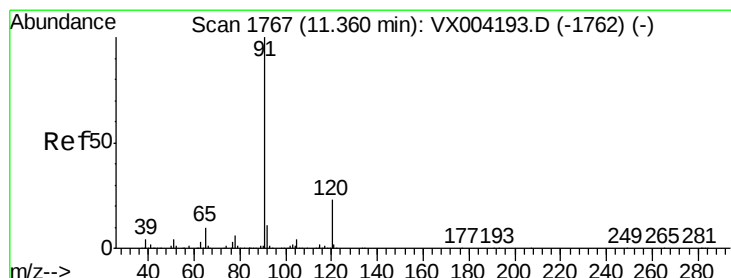
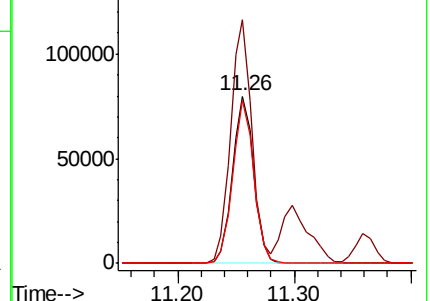
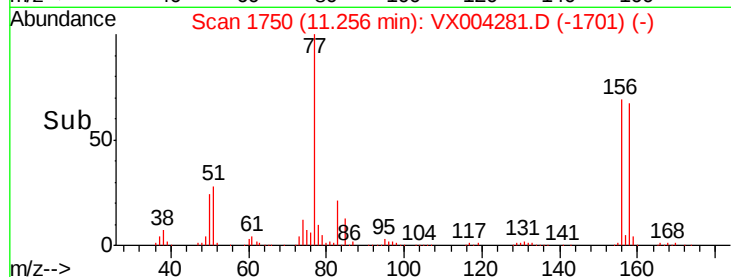
158 96.6 48.9 146.8



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: 21.32 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004281.D

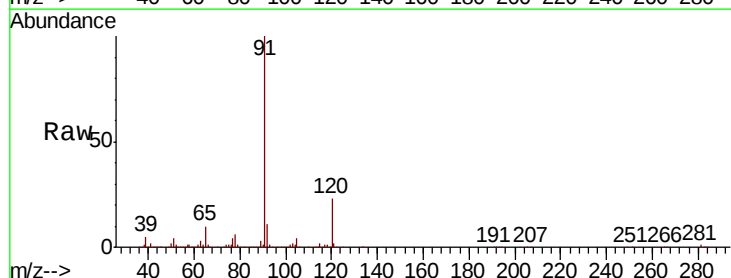
Acq: 29 Aug 2018 10:03

Tgt Ion: 91 Resp: 422561

Ion Ratio Lower Upper

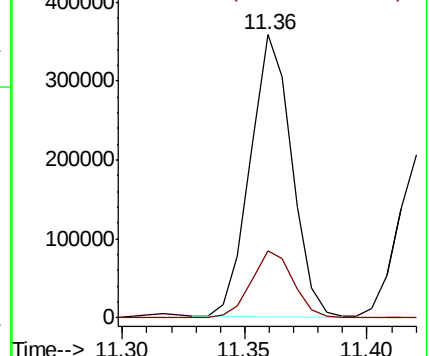
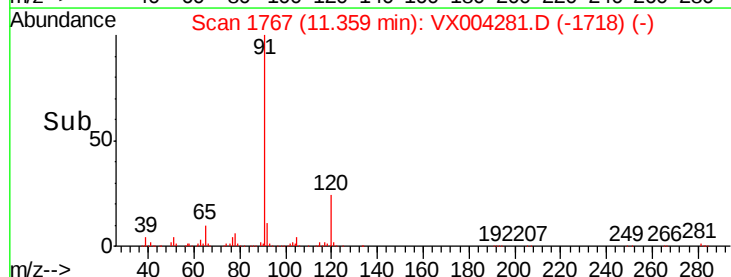
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

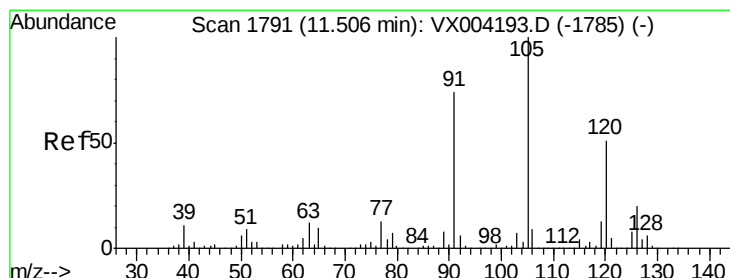
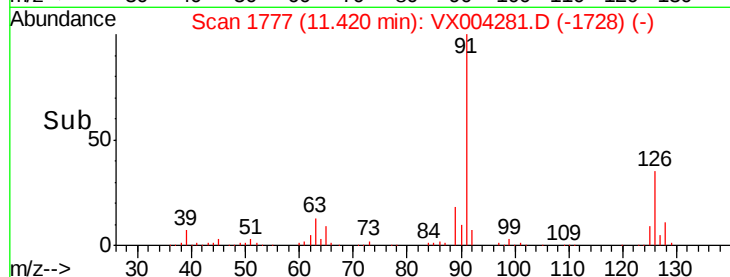
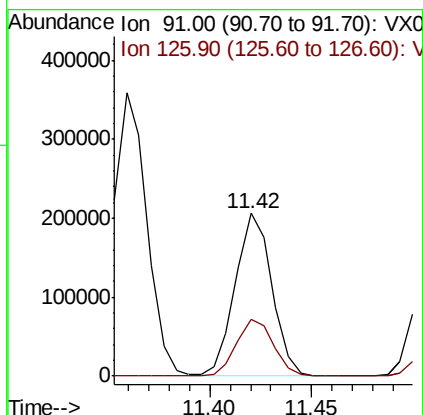
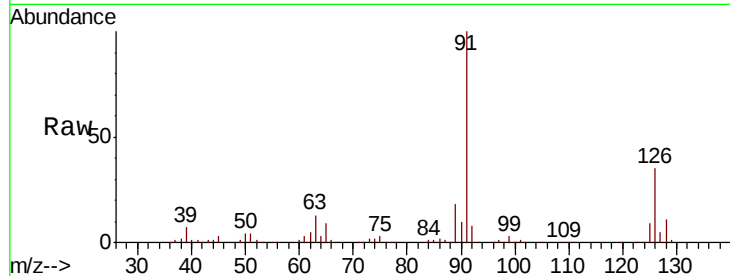




#79
 2-Chlorotoluene
 Concen: 20.99 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

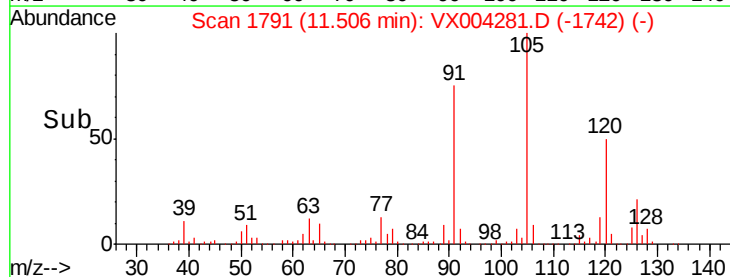
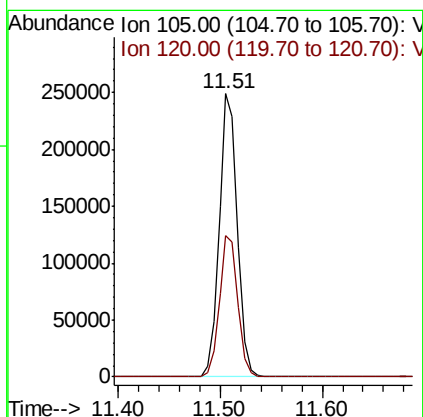
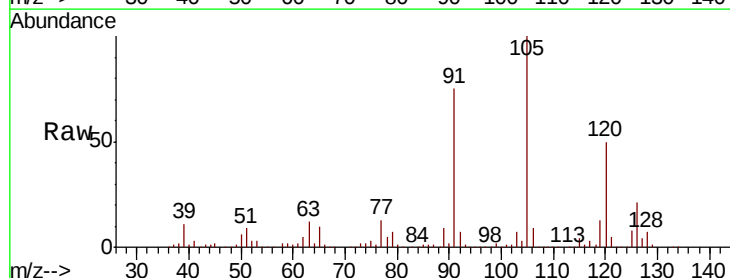
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

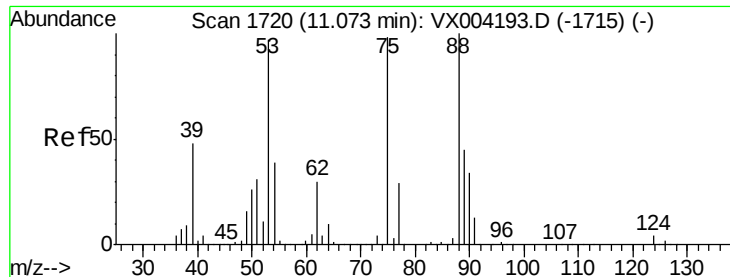
Tot Ion: 91 Resp: 256100
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.51 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion: 105 Resp: 307068
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.88 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

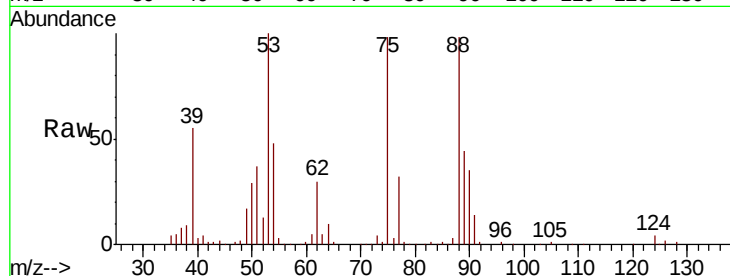
Tot Ion: 75 Resp: 32711

Ion Ratio Lower Upper

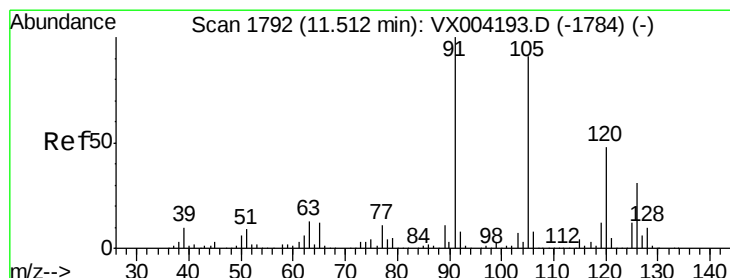
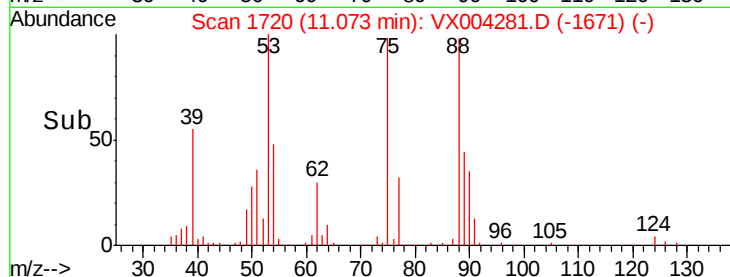
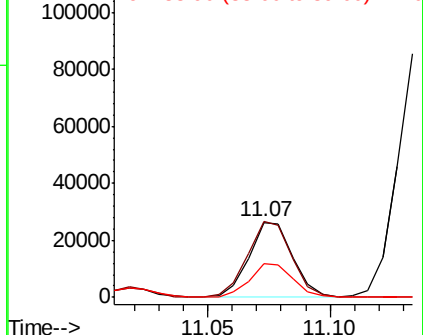
75 100

53 102.9 80.1 120.1

89 45.3 37.2 55.8



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: 20.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004281.D

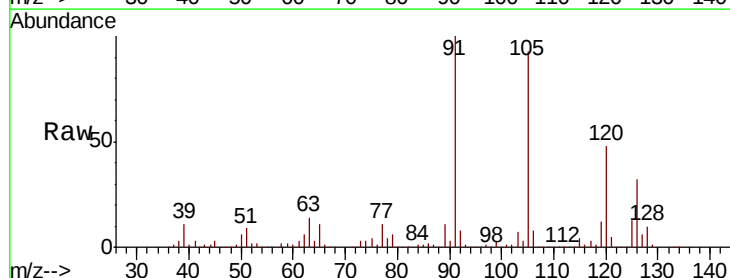
Acq: 29 Aug 2018 10:03

Tgt Ion: 91 Resp: 296773

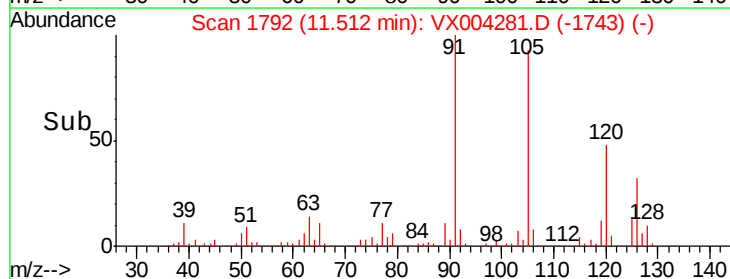
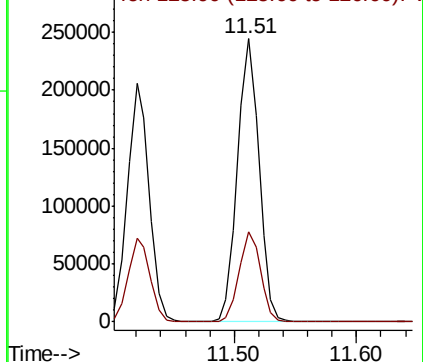
Ion Ratio Lower Upper

91 100

126 31.7 15.5 46.5



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

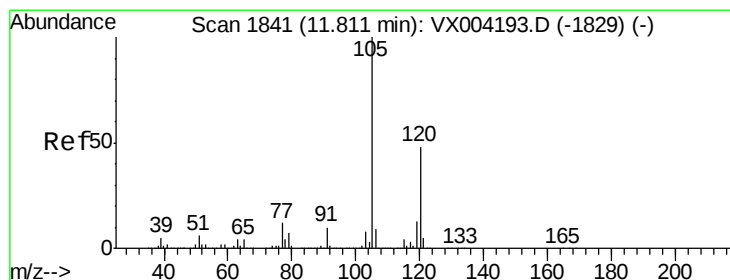
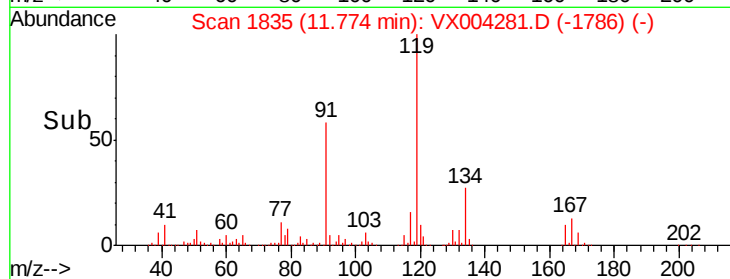
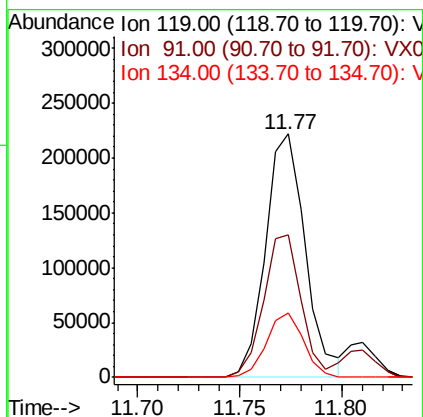
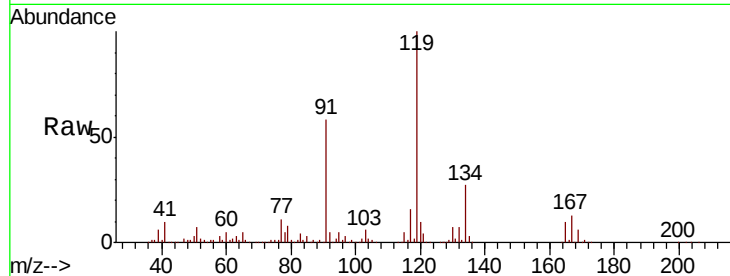




#83
 tert-Butylbenzene
 Concen: 20.95 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

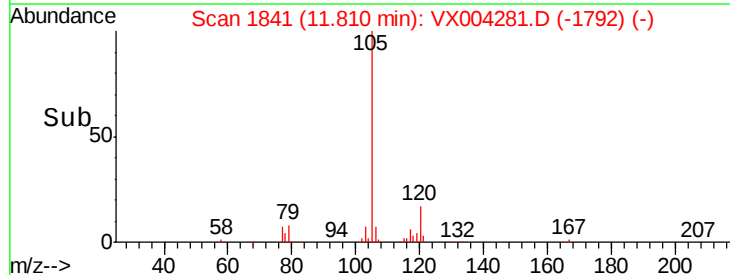
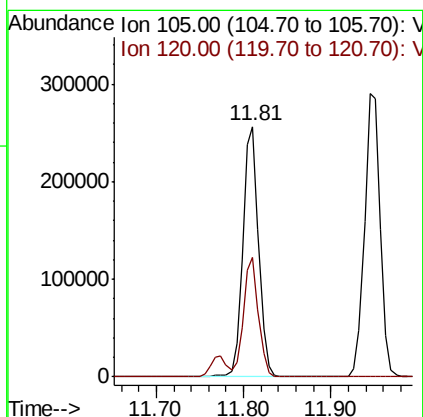
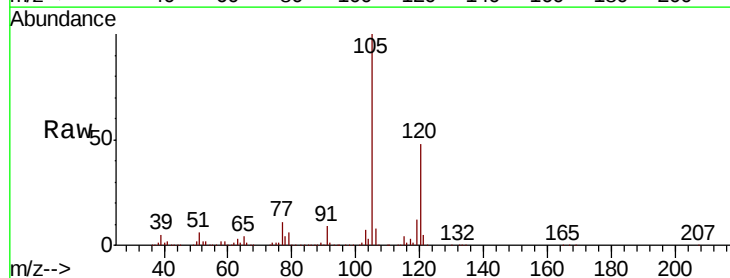
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tot Ion:119 Resp: 300870
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 24.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion:105 Resp: 319838
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6

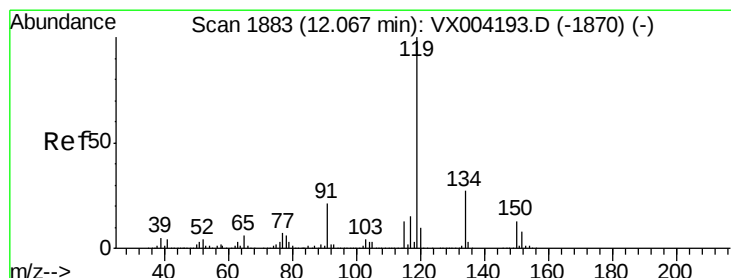
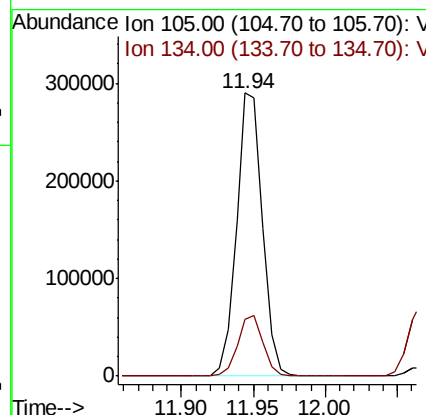
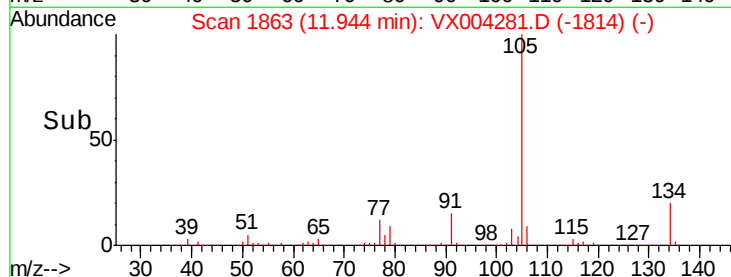
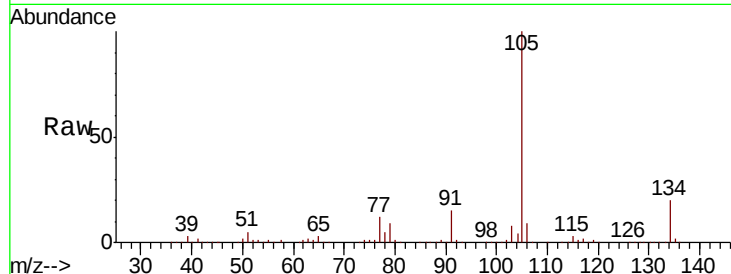




#85
 sec-Butylbenzene
 Concen: 21.36 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

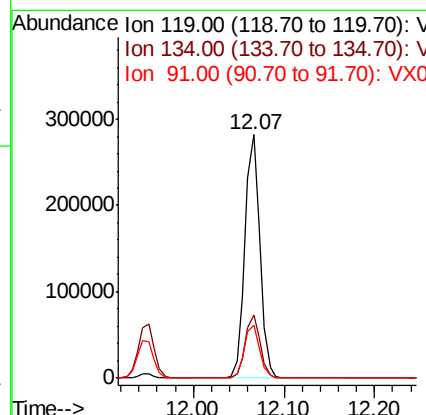
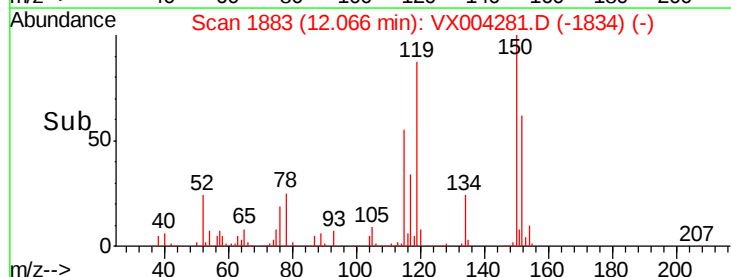
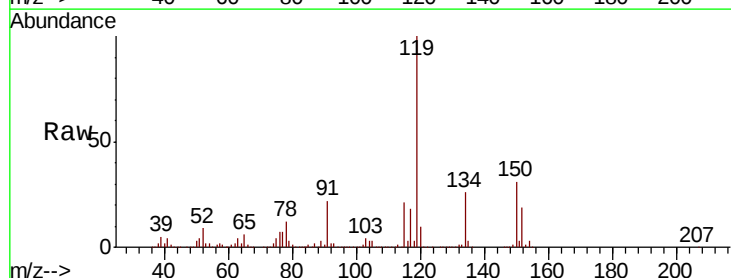
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

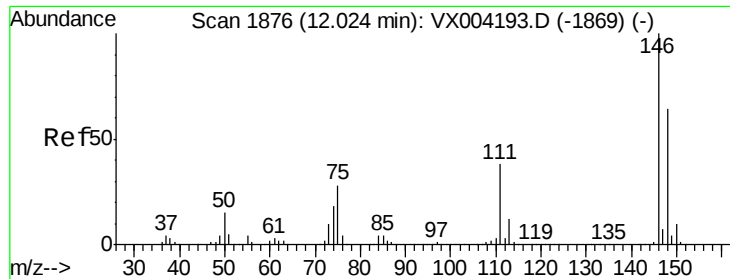
Tot Ion:105 Resp: 364196
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.21 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion:119 Resp: 324116
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 22.3 10.9 32.7

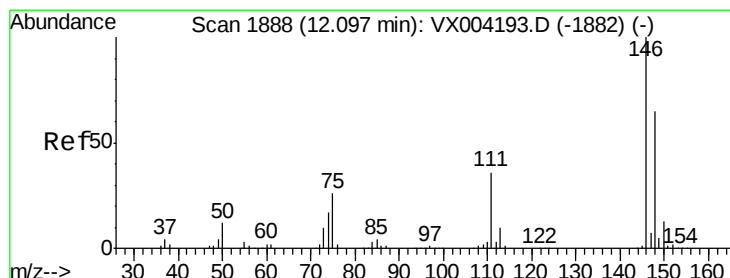
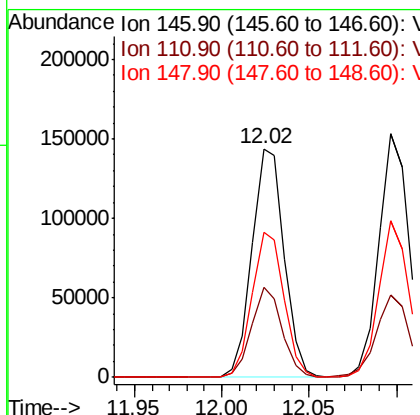
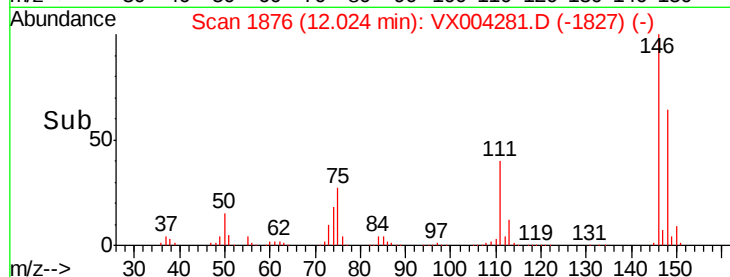
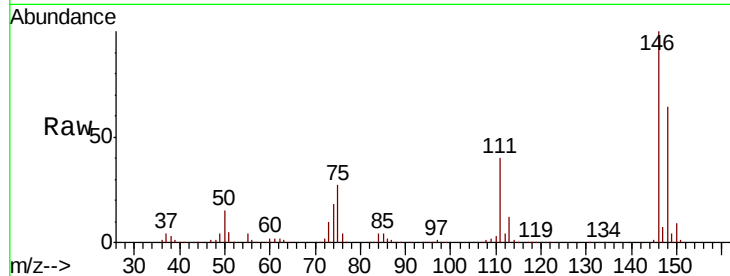




#87
 1,3-Dichlorobenzene
 Concen: 20.20 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

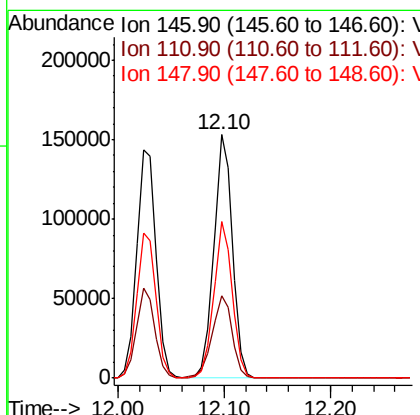
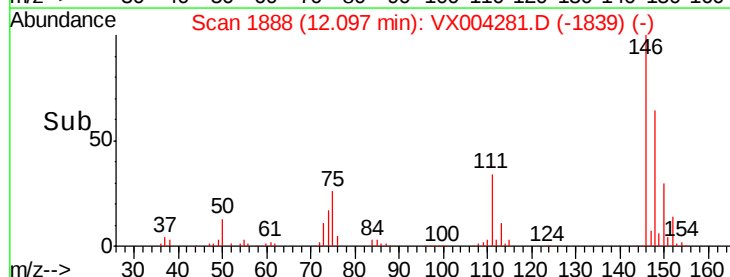
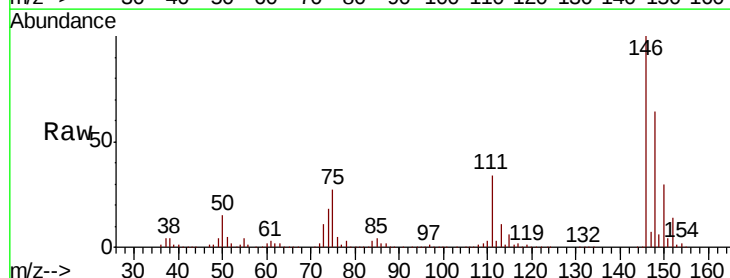
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

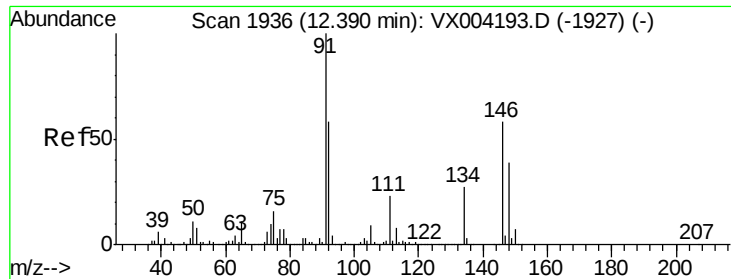
Tot Ion:146 Resp: 183873
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 63.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.10 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion:146 Resp: 183288
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 18.95 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleID :

VX0829WBSD01

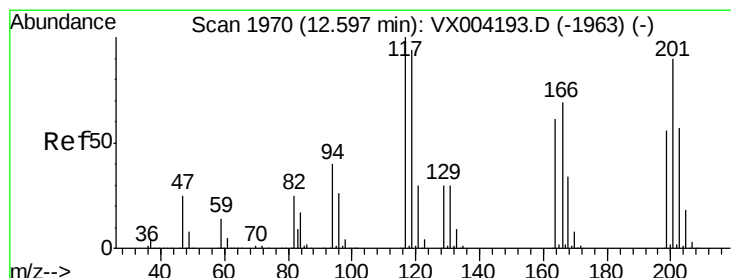
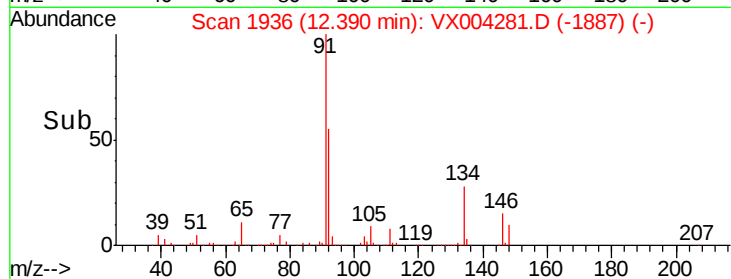
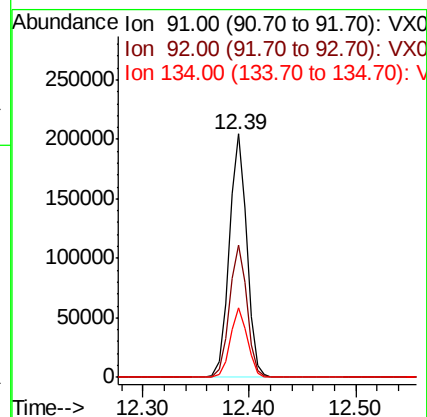
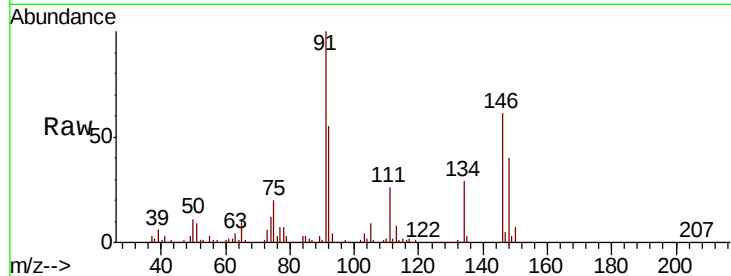
Tot Ion: 91 Resp: 235441

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

134 28.0 13.6 40.7



#90

Hexachloroethane

Concen: 19.72 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004281.D

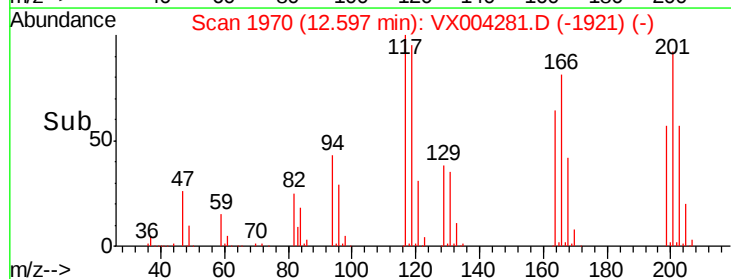
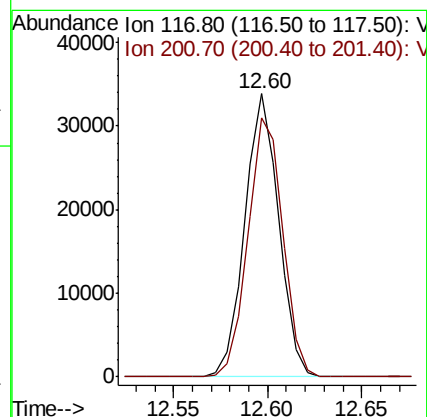
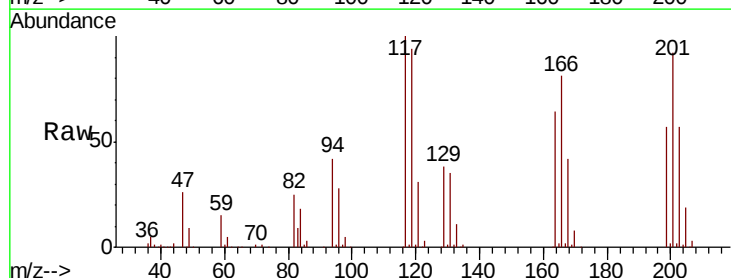
Acq: 29 Aug 2018 10:03

Tgt Ion: 117 Resp: 42125

Ion Ratio Lower Upper

117 100

201 94.2 46.9 140.6

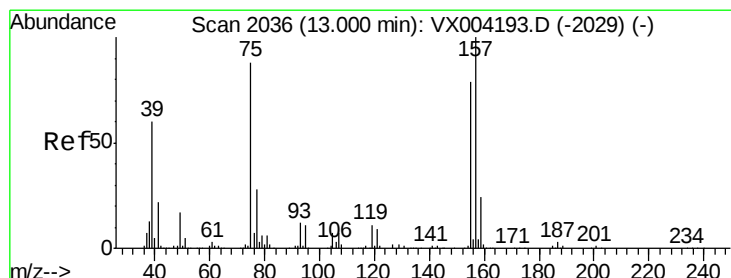
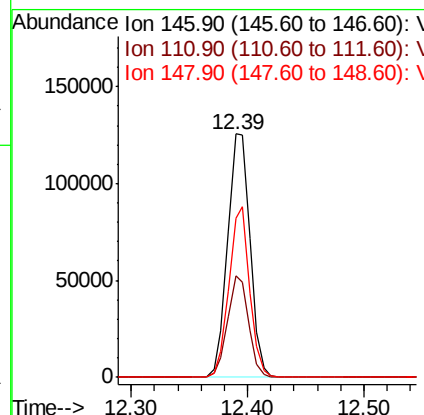
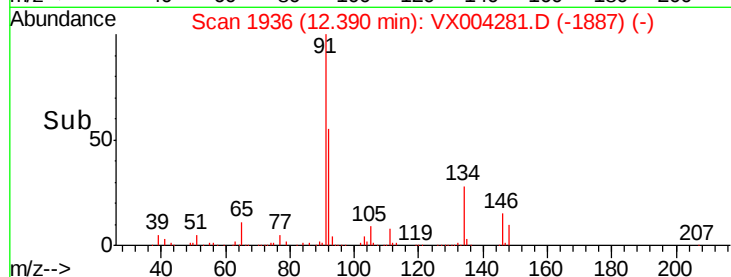
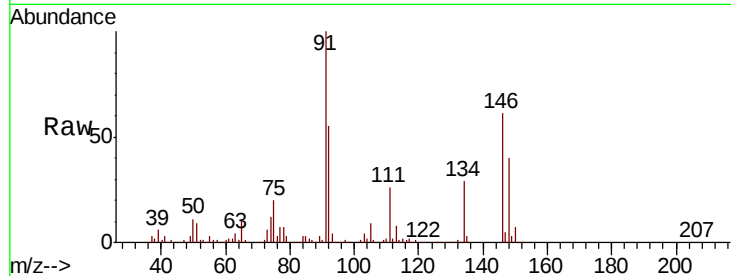




#91
 1,2-Dichlorobenzene
 Concen: 20.08 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

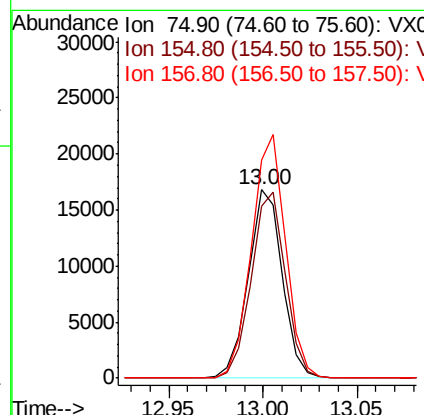
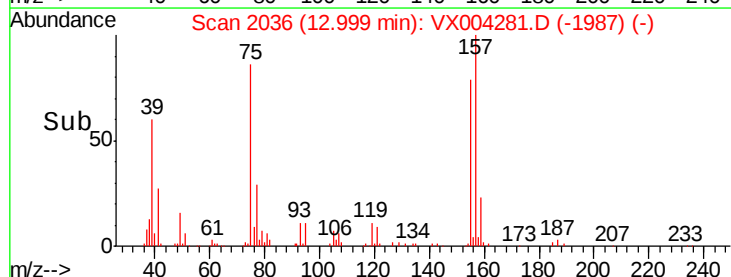
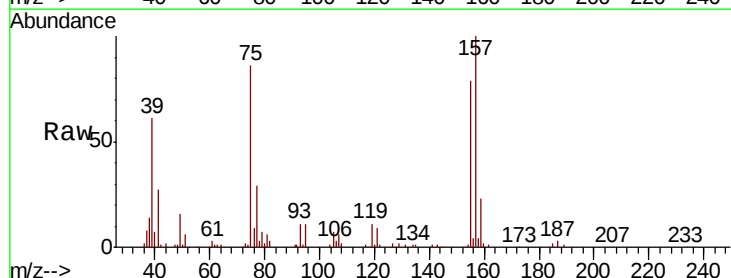
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

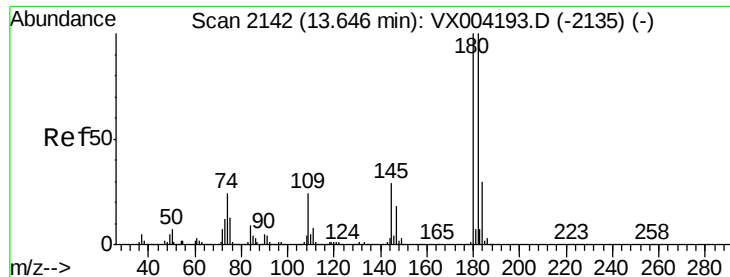
Tot Ion:146 Resp: 167084
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.1
 148 64.7 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.82 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion: 75 Resp: 21061
 Ion Ratio Lower Upper
 75 100
 155 98.9 48.0 144.2
 157 128.5 61.4 184.1

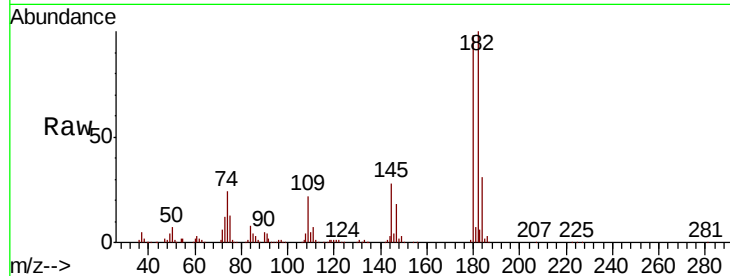




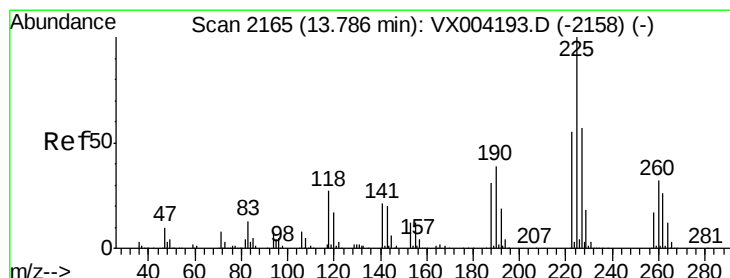
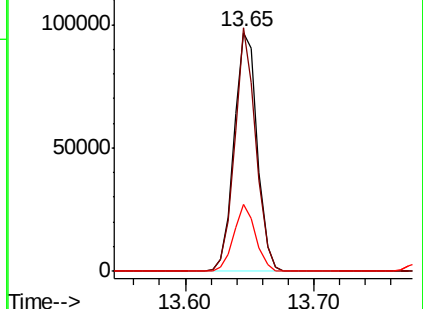
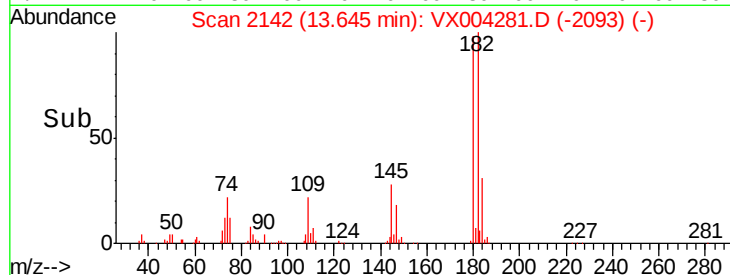
#93
 1,2,4-Trichlorobenzene
 Concen: 19.99 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX0829WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.4	145.0
145	26.7	14.3	42.9

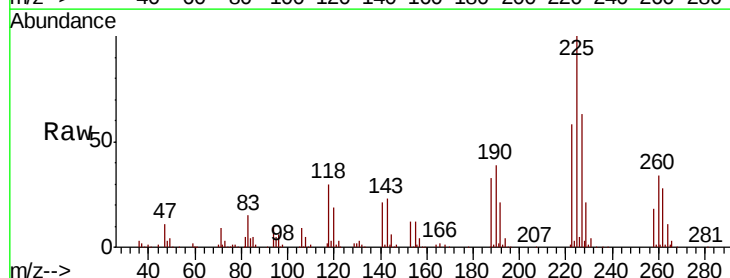


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

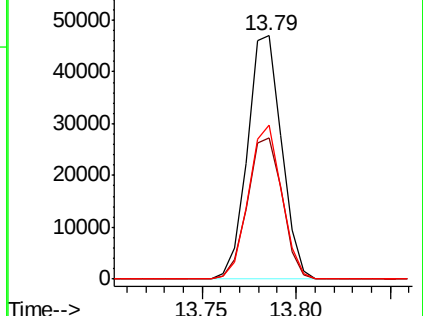
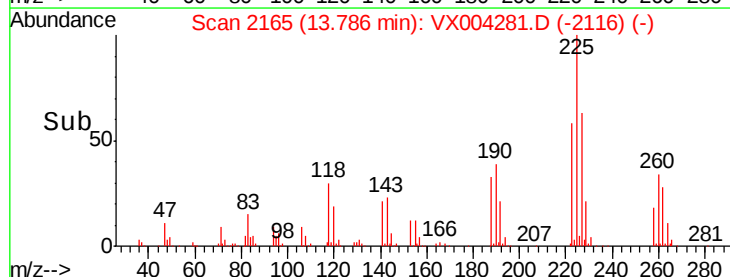


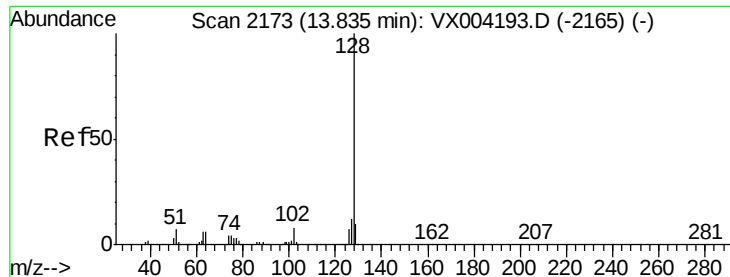
#94
 Hexachlorobutadiene
 Concen: 20.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004281.D
 Acq: 29 Aug 2018 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	30.1	90.5
227	61.7	30.8	92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.37 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

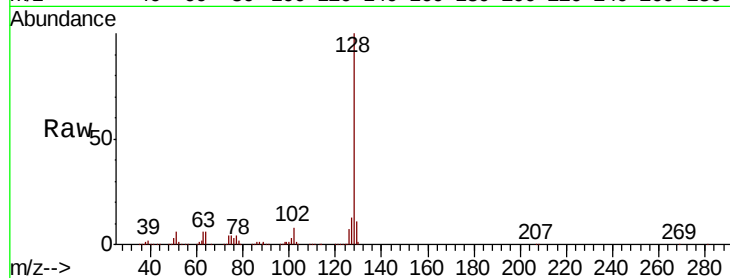
Tot Ion:128 Resp: 383100

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



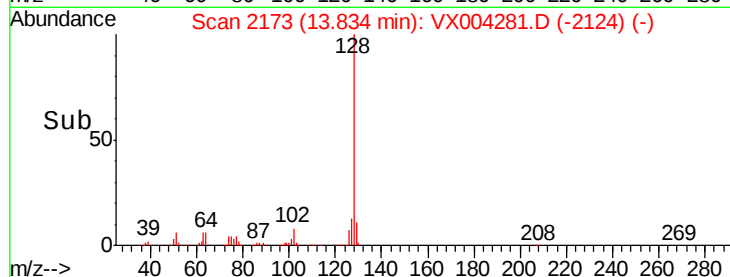
Abundance

Ion 128.00 (127.70 to 128.70): V

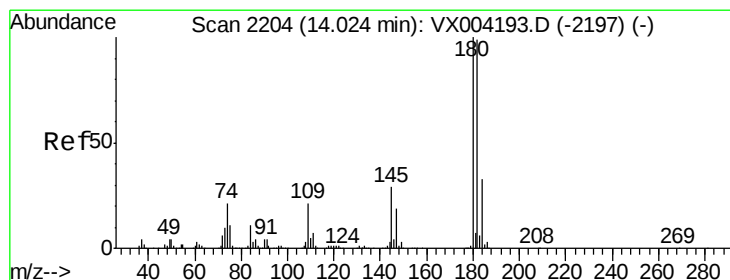
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.70 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004281.D

Acq: 29 Aug 2018 10:03

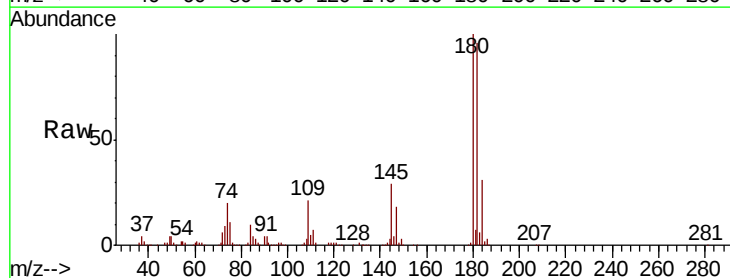
Tgt Ion:180 Resp: 132671

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.6

145 30.0 14.9 44.9



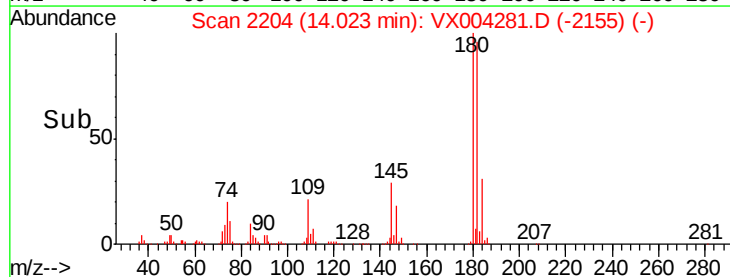
Abundance

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

14.02



Time-->