

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004701.D
 Acq On : 19 Sep 2018 13:12
 Operator : JC/MD
 Sample : VX0919MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 19 16:49:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	121139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	60397	38.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.34%	
35) Dibromofluoromethane	5.50	113	57994	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
50) Toluene-d8	8.71	98	207961	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.14	95	70722	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23333	20.552	ug/l	91
3) Chloromethane	1.32	50	26807	17.157	ug/l	93
4) Vinyl Chloride	1.40	62	28773	17.942	ug/l	97
5) Bromomethane	1.64	94	13593	19.523	ug/l	92
6) Chloroethane	1.71	64	17417	16.795	ug/l	92
7) Trichlorofluoromethane	1.92	101	39778	18.711	ug/l	91
8) Diethyl Ether	2.19	74	17447	18.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27647	20.500	ug/l	93
10) Methyl Iodide	2.51	142	21342	16.368	ug/l	96
11) Tert butyl alcohol	3.07	59	53106	142.486	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24753	19.556	ug/l	96
13) Acrolein	2.29	56	14130	96.041	ug/l	100
14) Allyl chloride	2.72	41	50073	19.242	ug/l	92
15) Acrylonitrile	3.15	53	123212	137.279	ug/l	98
16) Acetone	2.45	43	101142	132.669	ug/l	100
17) Carbon Disulfide	2.57	76	58872	16.091	ug/l	100
18) Methyl Acetate	2.78	43	59063	27.614	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	85276	19.201	ug/l	98
20) Methylene Chloride	2.85	84	26484	16.935	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	25274	18.070	ug/l	95
22) Diisopropyl ether	3.87	45	84688	18.069	ug/l	94
23) Vinyl Acetate	3.82	43	353873	93.302	ug/l	99
24) 1,1-Dichloroethane	3.69	63	47769	18.053	ug/l	99
25) 2-Butanone	4.70	43	153139	126.216	ug/l	100
26) 2,2-Dichloropropane	4.58	77	37196	20.466	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	29150	18.670	ug/l	99
28) Bromochloromethane	5.01	49	19598	16.192	ug/l	97
29) Tetrahydrofuran	5.16	42	101944	139.325	ug/l	97
30) Chloroform	5.22	83	47144	18.249	ug/l	97
31) Cyclohexane	5.57	56	48150	21.311	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	40084	19.265	ug/l	97
36) 1,1-Dichloropropene	5.80	75	36280	19.592	ug/l	98
37) Ethyl Acetate	4.85	43	49790	23.640	ug/l	98
38) Carbon Tetrachloride	5.78	117	33893	18.739	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45057	23.316	ug/l	96
40) Benzene	6.14	78	101861	18.539	ug/l	100
41) Methacrylonitrile	5.06	41	28403	24.476	ug/l	98
42) 1,2-Dichloroethane	6.20	62	31785	17.442	ug/l	99
43) Isopropyl Acetate	6.46	43	60888	21.766	ug/l	99
44) Trichloroethene	7.21	130	29574	20.718	ug/l	98
45) 1,2-Dichloropropane	7.52	63	25687	19.429	ug/l	99
46) Dibromomethane	7.66	93	15412	18.452	ug/l	96
47) Bromodichloromethane	7.90	83	27739	17.562	ug/l	100
48) Methyl methacrylate	7.77	41	29679	21.438	ug/l	97
49) 1,4-Dioxane	7.76	88	20732	632.718	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	227855	115.421	ug/l	99
52) Toluene	8.79	92	61939	19.134	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29244	15.849	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	34319	18.246	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	25017	17.948	ug/l	98
56) Ethyl methacrylate	9.18	69	36300	18.409	ug/l	97
57) 1,3-Dichloropropane	9.37	76	41124	18.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	89388	93.658	ug/l	97
59) 2-Hexanone	9.49	43	184339	121.739	ug/l	99
60) Dibromochloromethane	9.59	129	22181	16.903	ug/l	97
61) 1,2-Dibromoethane	9.67	107	25284	18.989	ug/l	100
64) Tetrachloroethene	9.34	164	35733	21.087	ug/l	98
65) Chlorobenzene	10.14	112	65828	19.526	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	22974	19.761	ug/l	99
67) Ethyl Benzene	10.25	91	113716	20.744	ug/l	96
68) m/p-Xylenes	10.36	106	88316	41.824	ug/l	99
69) o-Xylene	10.70	106	43476	21.416	ug/l	98
70) Styrene	10.71	104	66689	19.829	ug/l	99
71) Bromoform	10.86	173	17406	18.234	ug/l	# 99
73) Isopropylbenzene	11.02	105	141985	28.171	ug/l	96
74) N-amyl acetate	10.90	43	47084	22.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	35330	21.731	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	47781	31.032	ug/l	87
77) Bromobenzene	11.26	156	29862	21.435	ug/l	98
78) n-propylbenzene	11.36	91	134509	23.210	ug/l	99
79) 2-Chlorotoluene	11.42	91	77978	22.186	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	98223	23.182	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	10680	22.109	ug/l	95
82) 4-Chlorotoluene	11.51	91	87784	21.399	ug/l	100
83) tert-Butylbenzene	11.77	119	97786	24.241	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	99030	22.892	ug/l	99
85) sec-Butylbenzene	11.94	105	130313	25.351	ug/l	99
86) p-Isopropyltoluene	12.07	119	113760	25.061	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	53642	20.638	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	52909	19.700	ug/l	98
89) n-Butylbenzene	12.39	91	99980	24.170	ug/l	98
90) Hexachloroethane	12.60	117	15494	21.321	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	55275	21.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10023	28.874	ug/l	81

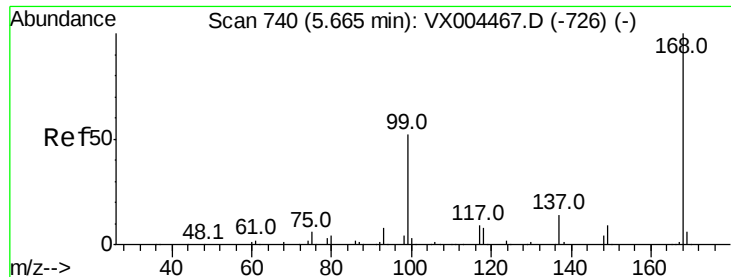
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	36637	19.668	ug/l	99
94) Hexachlorobutadiene	13.79	225	25973	26.693	ug/l	97
95) Naphthalene	13.83	128	135435	25.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	39223	20.495	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

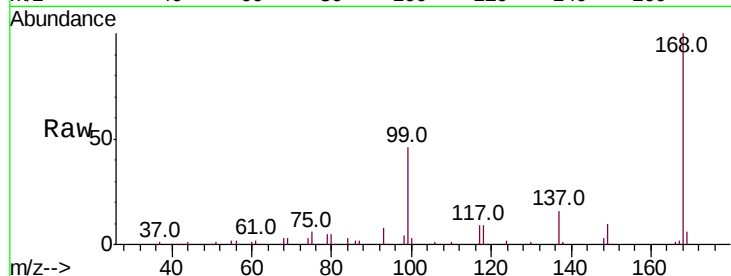
ClientSampleId :

Tot Ion:168 Resp: 121139

Ion Ratio Lower Upper

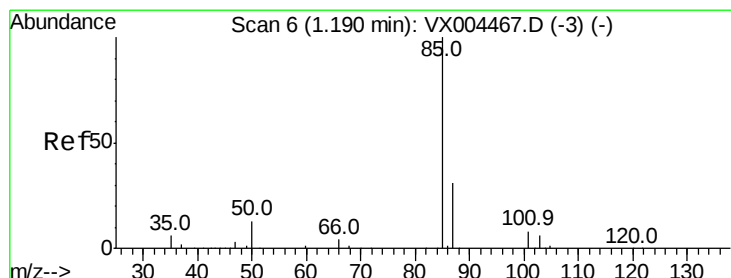
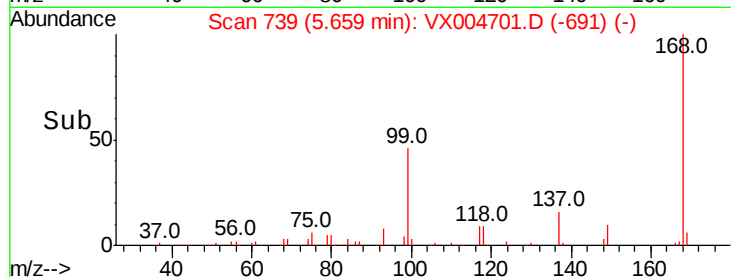
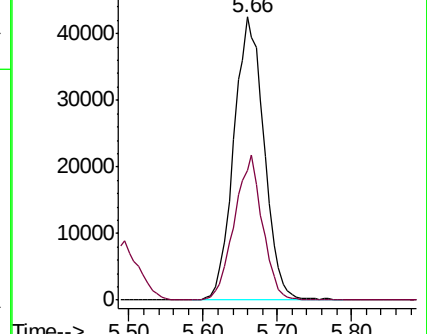
168 100

99 45.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.552 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX004701.D

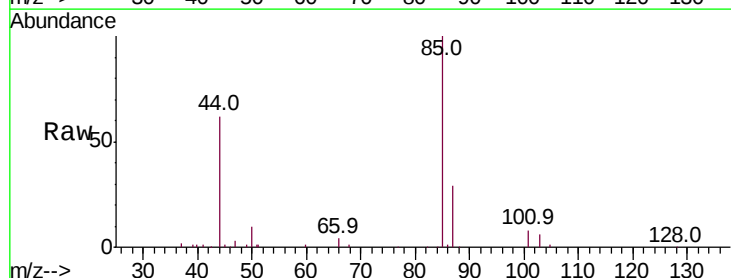
Acq: 19 Sep 2018 13:12

Tgt Ion: 85 Resp: 23333

Ion Ratio Lower Upper

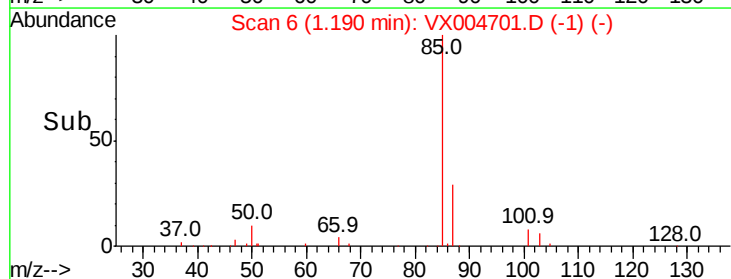
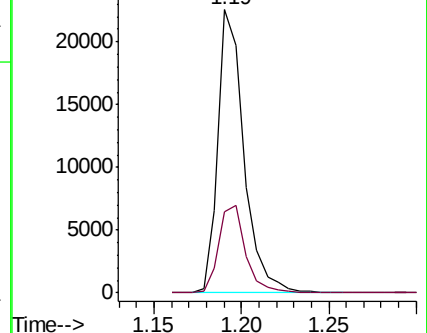
85 100

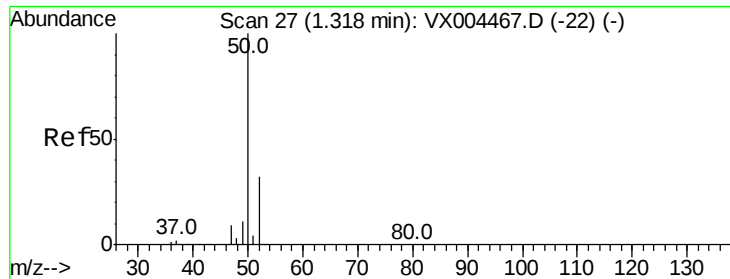
87 28.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.157 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

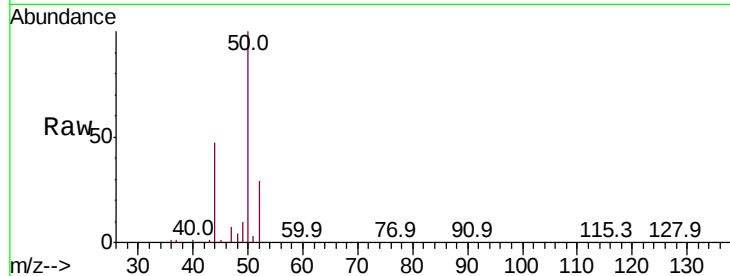
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 26807

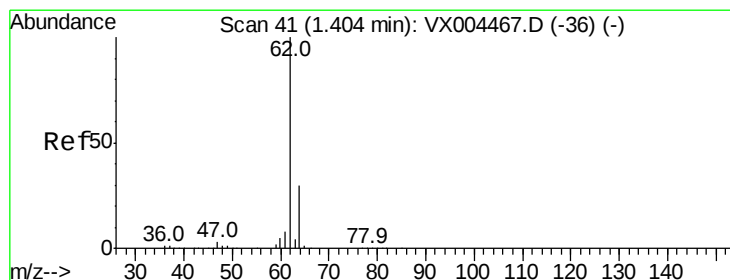
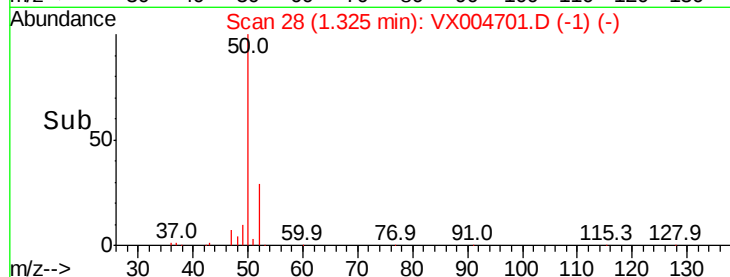
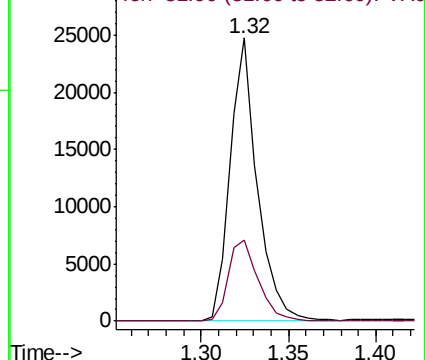
Ion Ratio Lower Upper

50 100

52 28.8 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: 17.942 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004701.D

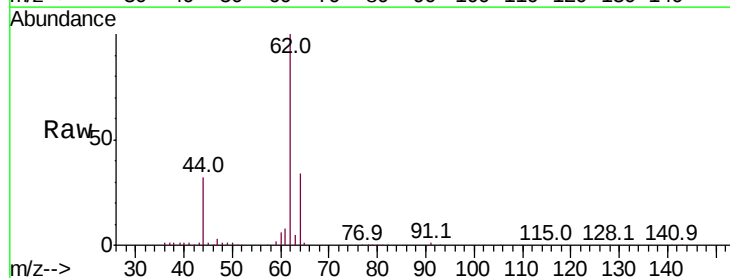
Acq: 19 Sep 2018 13:12

Tgt Ion: 62 Resp: 28773

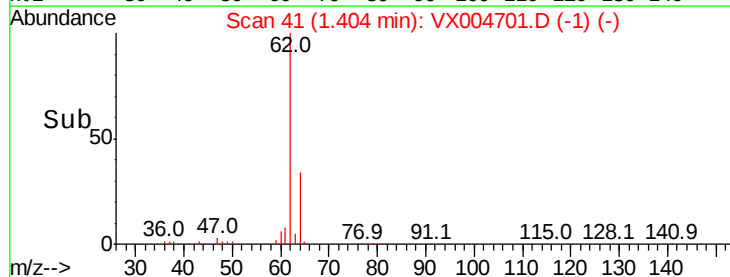
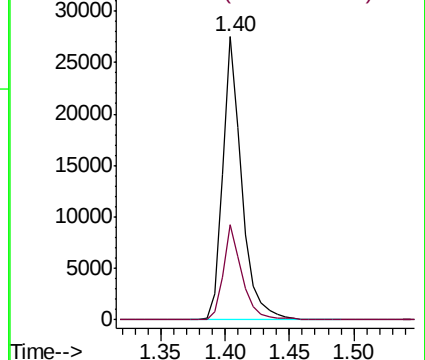
Ion Ratio Lower Upper

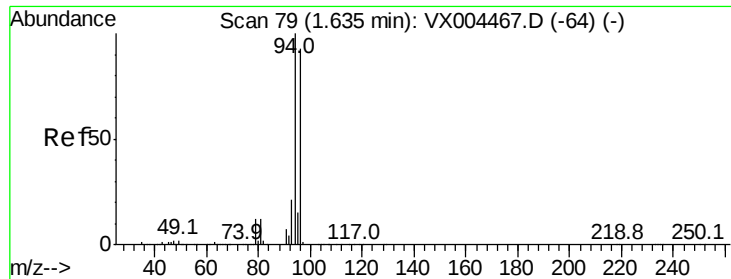
62 100

64 33.8 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: 19.523 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

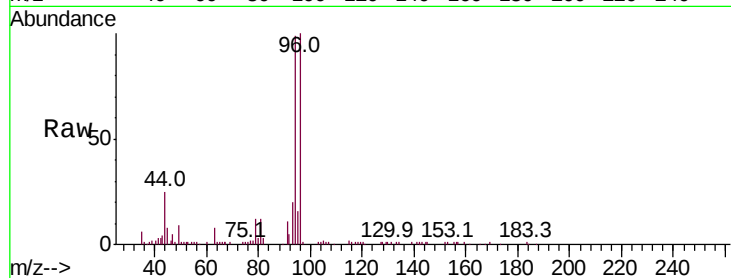
ClientSampled :

Tot Ion: 94 Resp: 13593

Ion Ratio Lower Upper

94 100

96 101.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70

1.64

1.64

1.64

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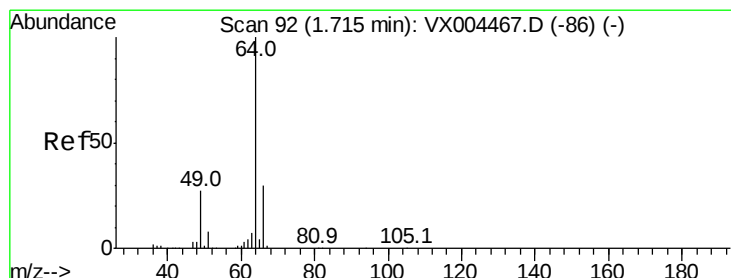
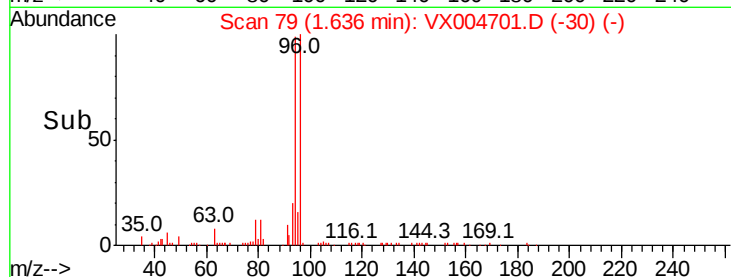
1.64

1.64

1.64

1.64

1.64



#6

Chloroethane

Concen: 16.795 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004701.D

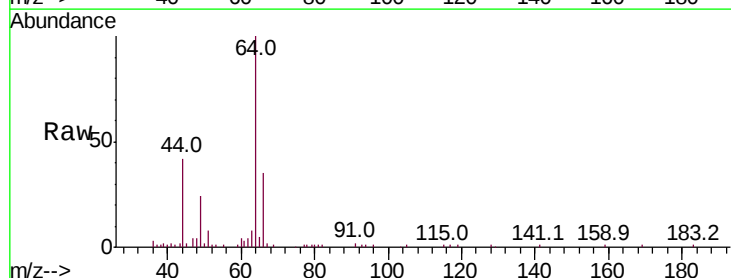
Acq: 19 Sep 2018 13:12

Tgt Ion: 64 Resp: 17417

Ion Ratio Lower Upper

64 100

66 35.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

5000

0

Time--> 1.70 1.80

1.71

1.71

1.71

1.71

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1.71

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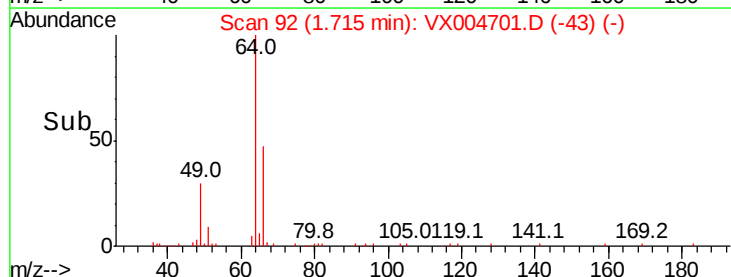
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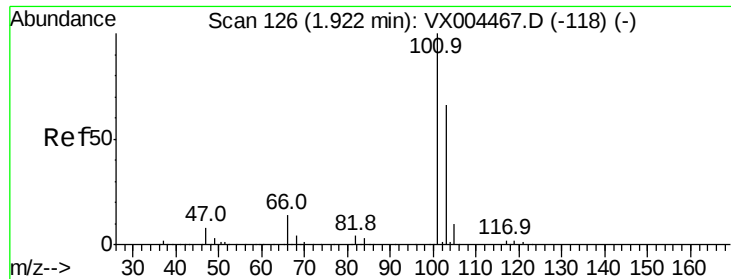
1.71

1.71

1.71

1.71



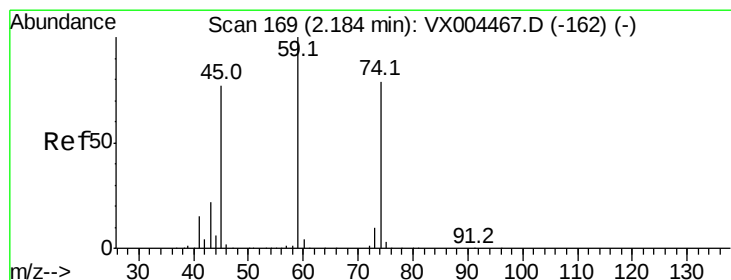
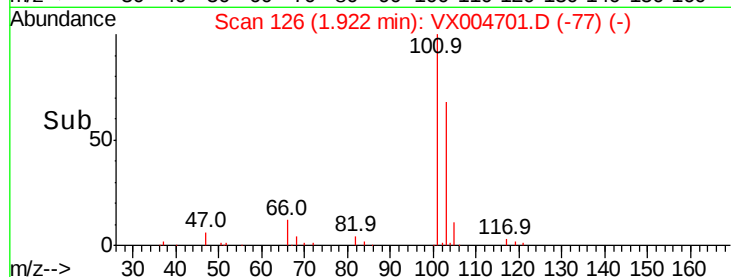
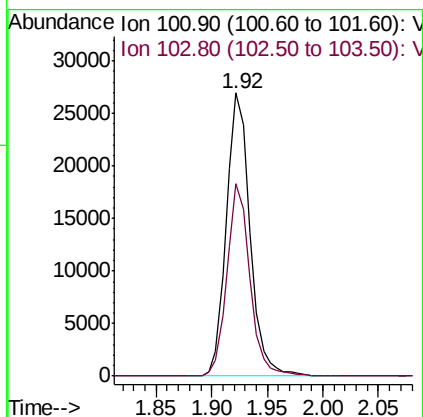
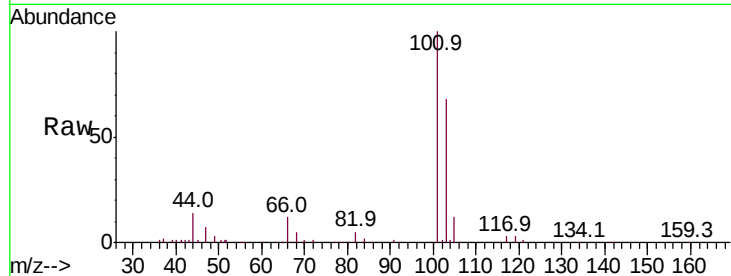


#7

Trichlorofluoromethane
 Concen: 18.711 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :

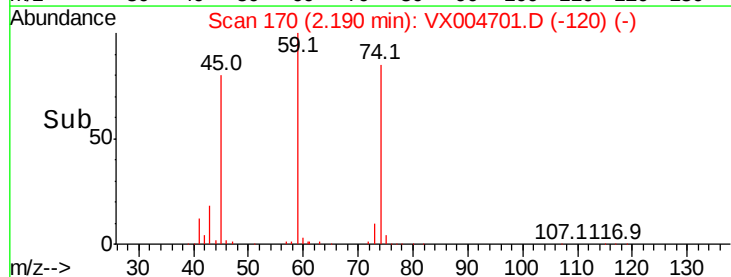
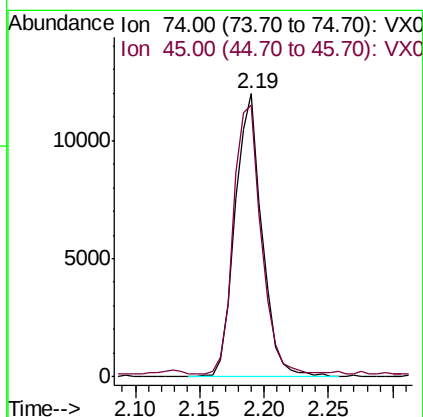
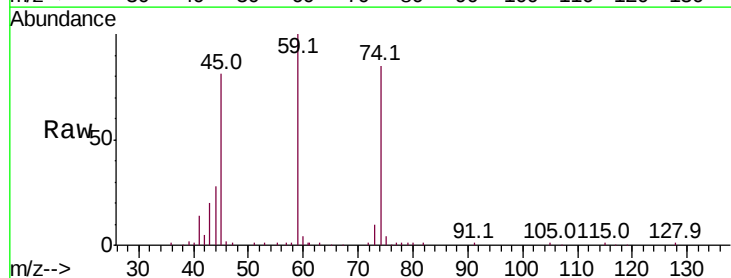
Tot Ion:101 Resp: 39778
 Ion Ratio Lower Upper
 101 100
 103 68.0 48.9 73.3

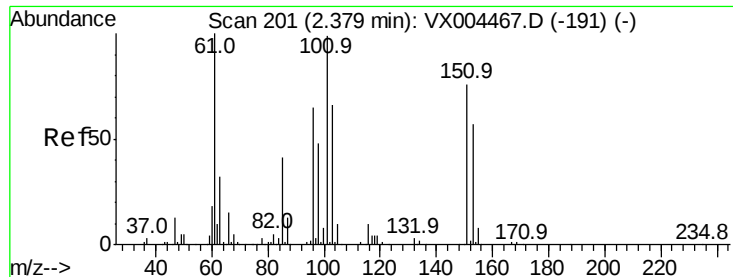


#8

Diethyl Ether
 Concen: 18.306 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 74 Resp: 17447
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.500 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

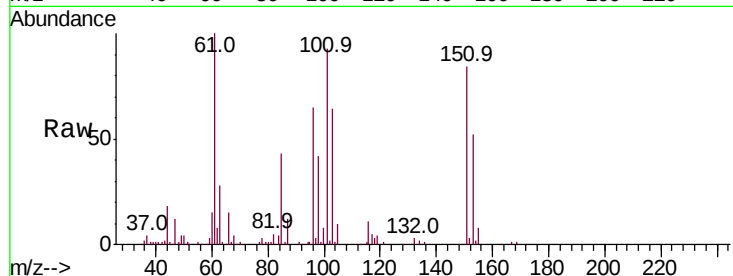
Tot Ion:101 Resp: 27647

Ion Ratio Lower Upper

101 100

85 44.5 34.2 51.4

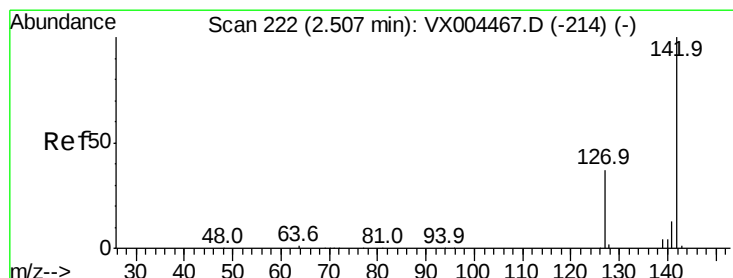
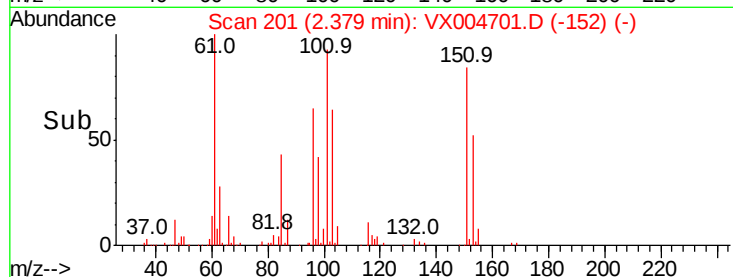
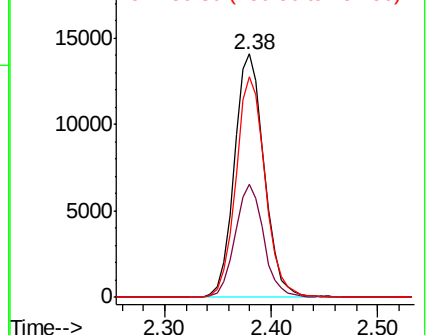
151 89.1 65.0 97.6



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: 16.368 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

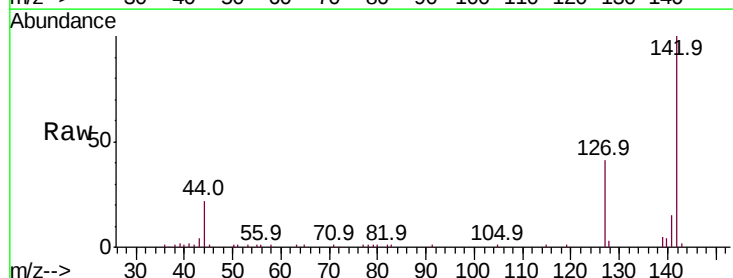
Tgt Ion:142 Resp: 21342

Ion Ratio Lower Upper

142 100

127 39.6 33.8 50.6

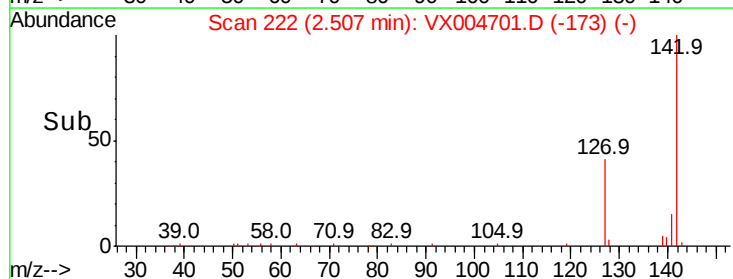
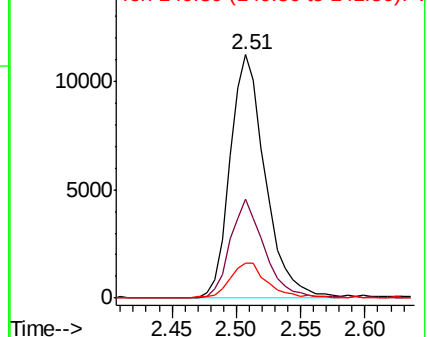
141 15.6 11.4 17.0

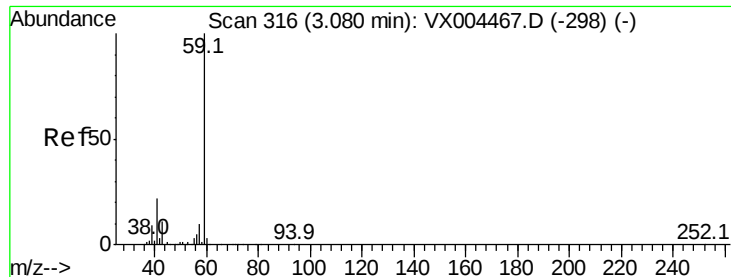


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



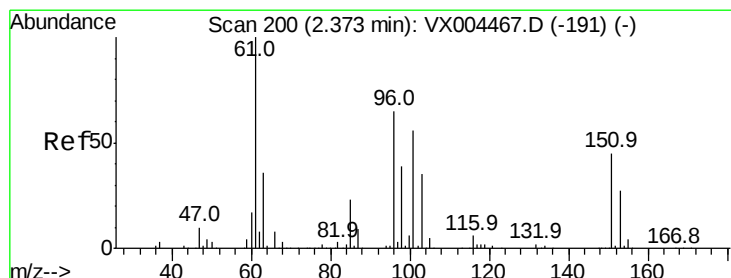
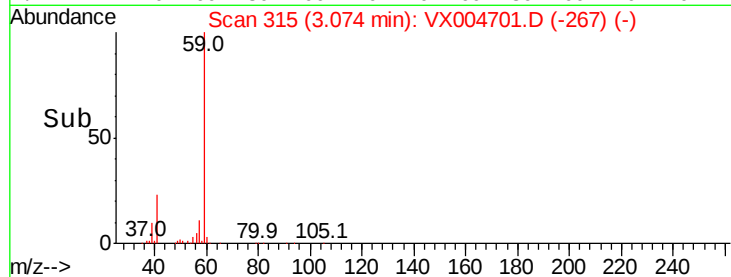
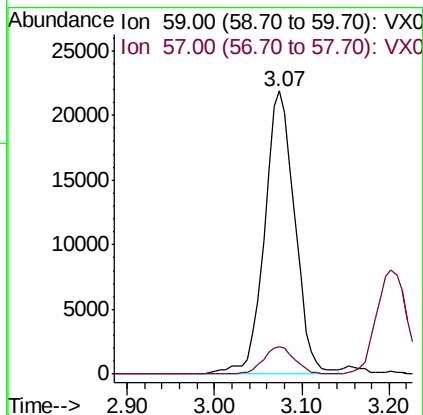
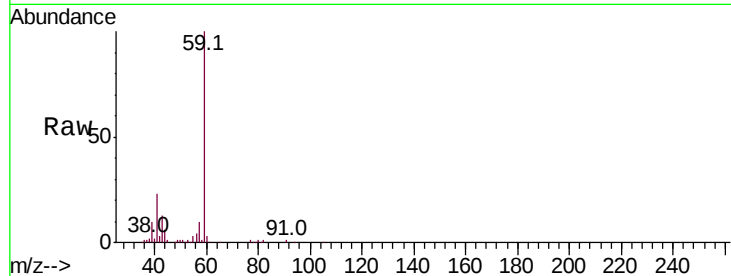


#11

Tert butyl alcohol
 Concen: 142.486 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :

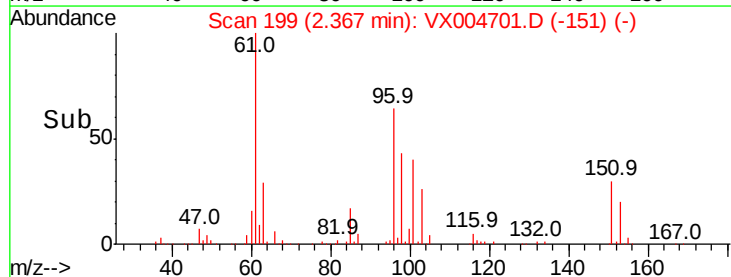
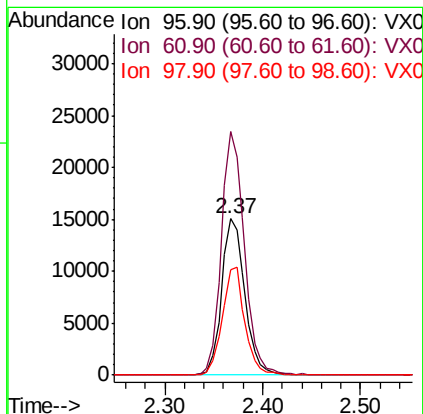
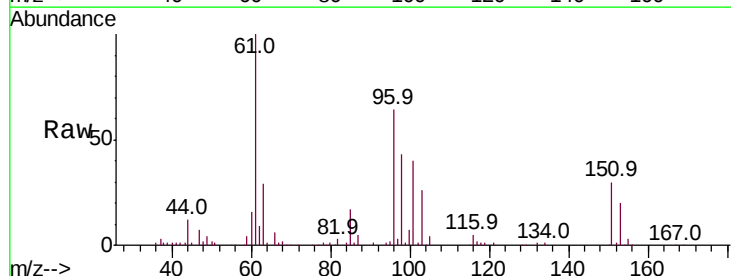
Tot Ion: 59 Resp: 53106
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

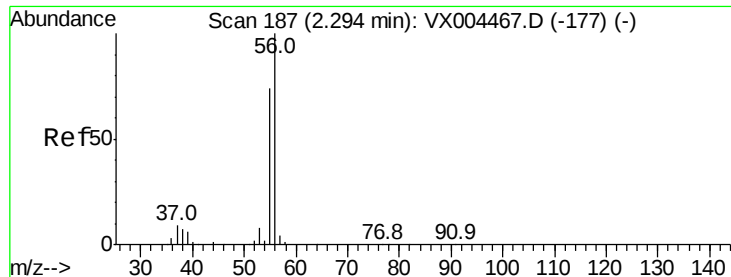


#12

1,1-Dichloroethene
 Concen: 19.556 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 96 Resp: 24753
 Ion Ratio Lower Upper
 96 100
 61 156.0 128.8 193.2
 98 67.8 52.2 78.2





#13

Acrolein

Concen: 96.041 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

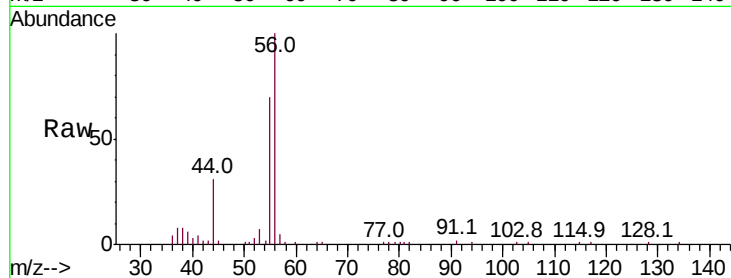
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 14130

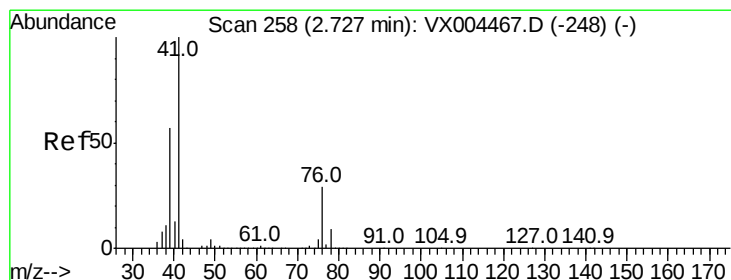
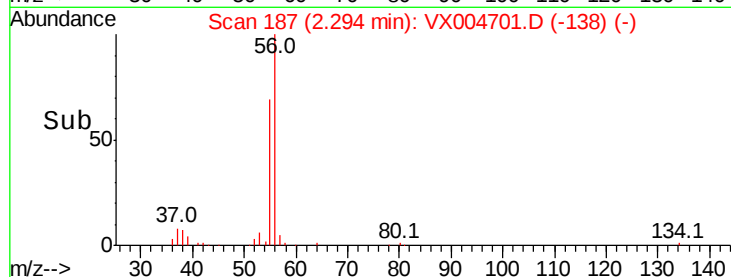
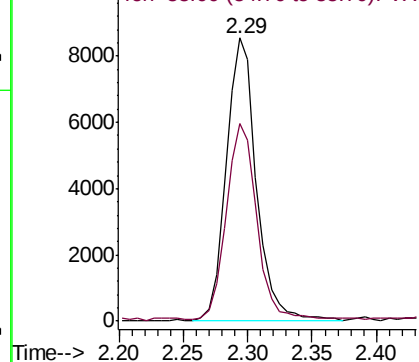
Ion Ratio Lower Upper

56 100

55 68.6 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: 19.242 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

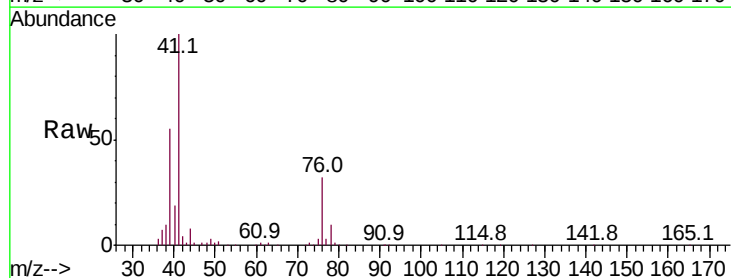
Tgt Ion: 41 Resp: 50073

Ion Ratio Lower Upper

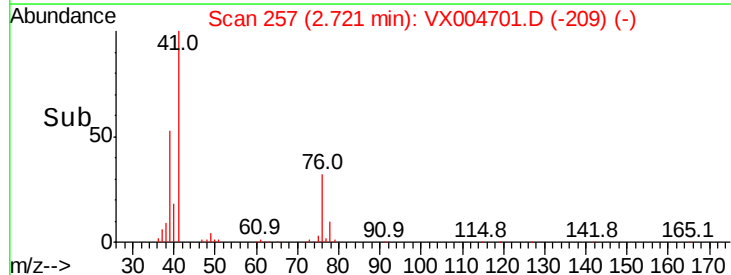
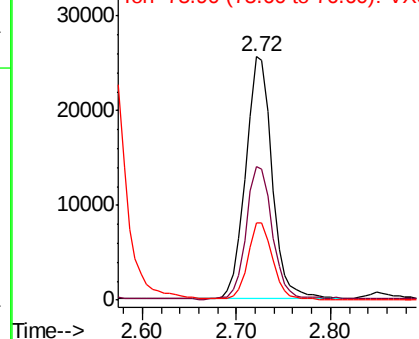
41 100

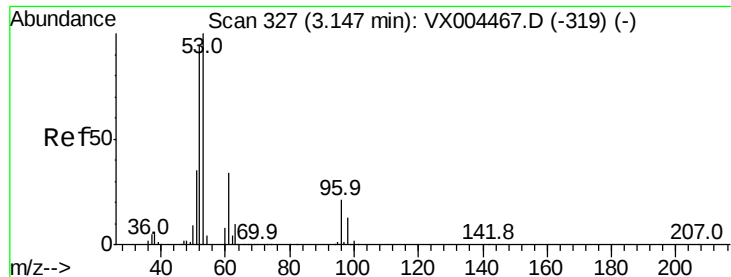
39 54.2 48.9 73.3

76 30.3 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: 137.279 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

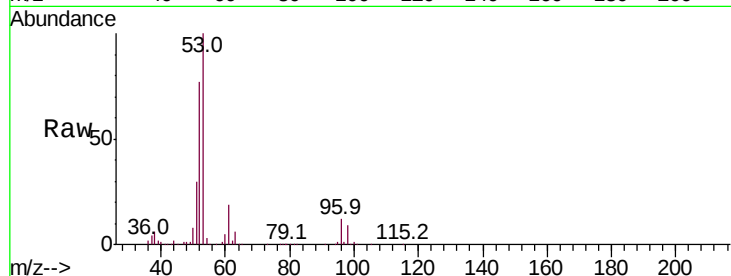
Tot Ion: 53 Resp: 123212

Ion Ratio Lower Upper

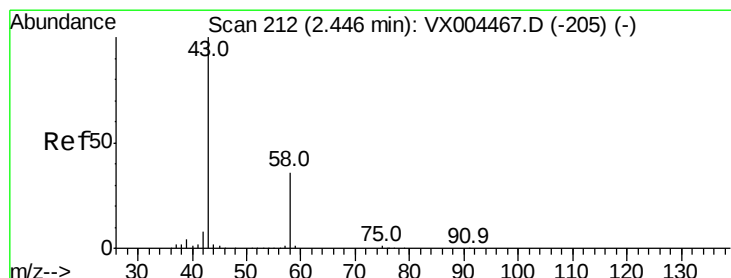
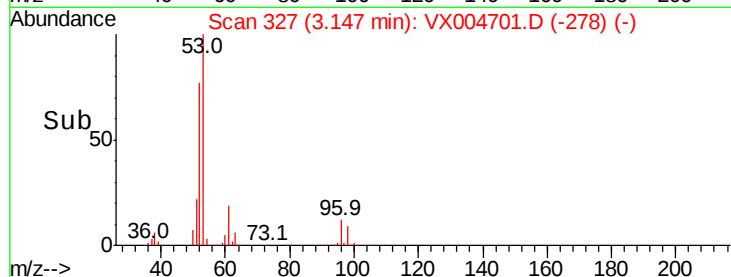
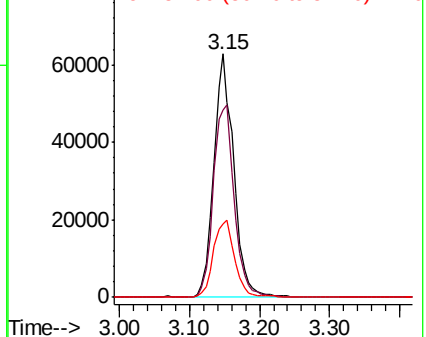
53 100

52 83.2 65.2 97.8

51 33.6 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: 132.669 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004701.D

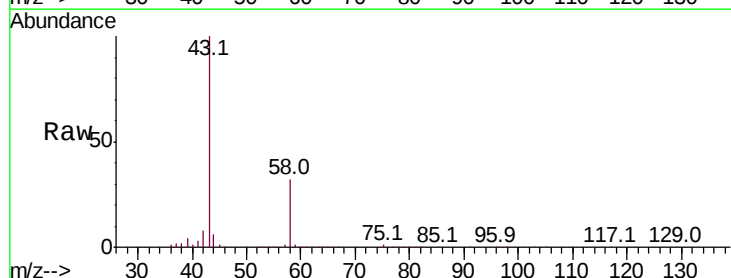
Acq: 19 Sep 2018 13:12

Tgt Ion: 43 Resp: 101142

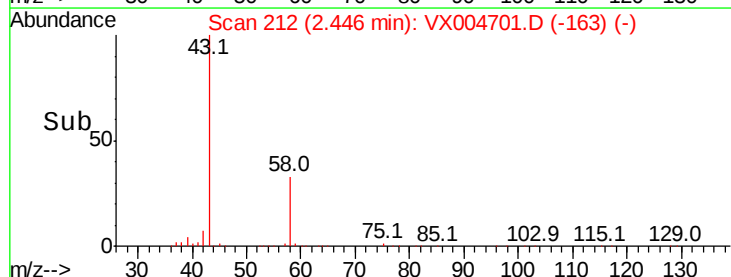
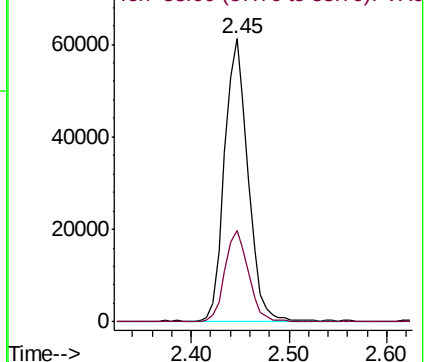
Ion Ratio Lower Upper

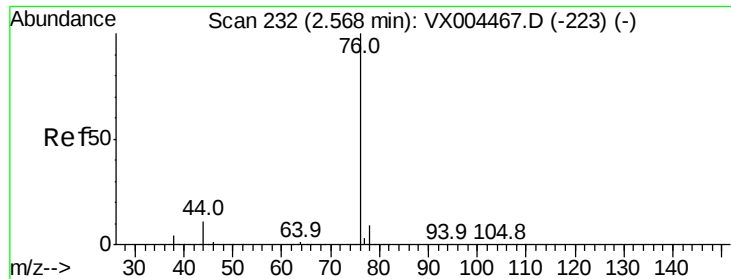
43 100

58 32.5 26.2 39.4



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

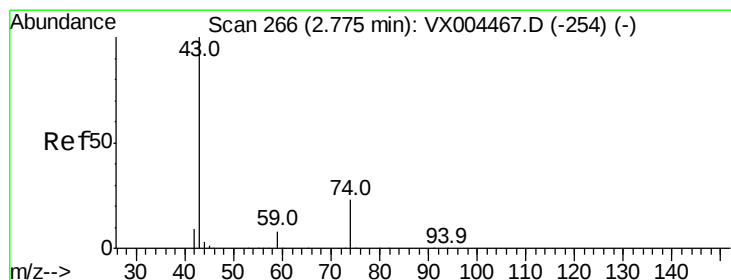
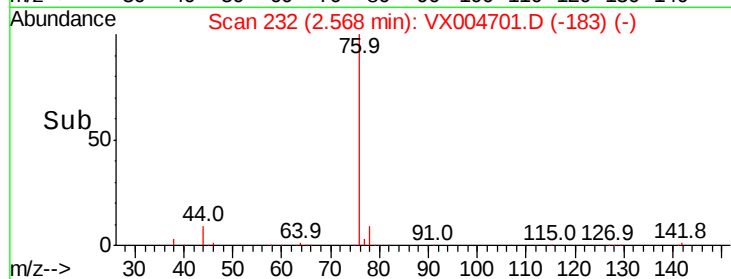
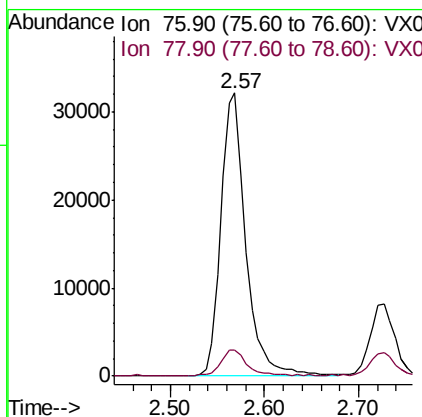
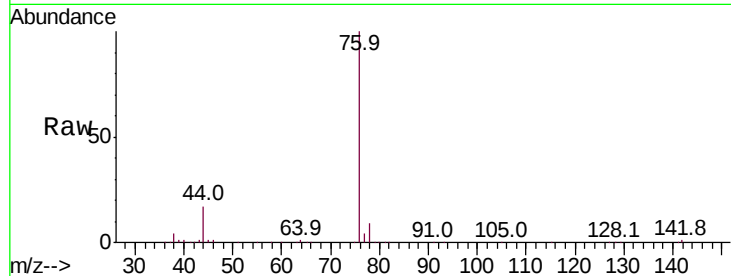




#17
Carbon Disulfide
Concen: 16.091 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

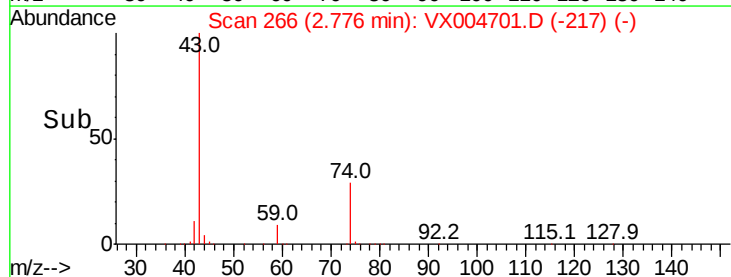
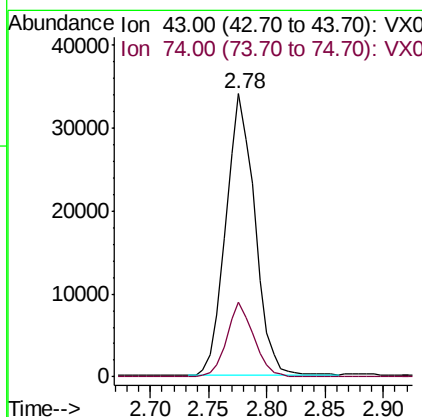
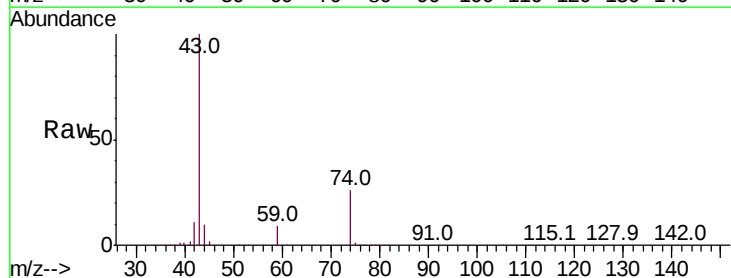
Instrument :
MSVOA_X
ClientSampled :

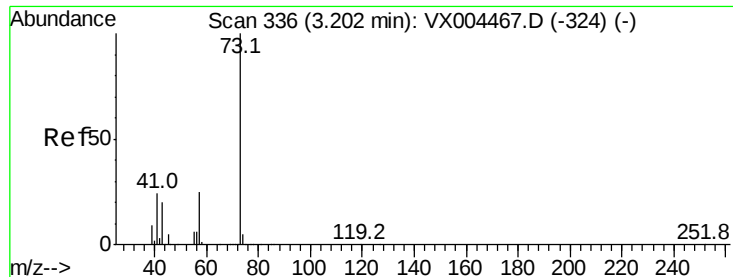
Tot Ion: 76 Resp: 58872
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 27.614 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 43 Resp: 59063
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2



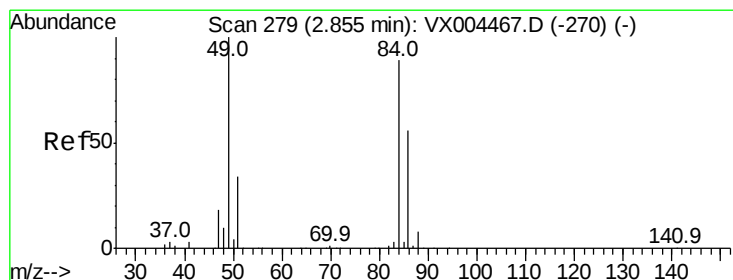
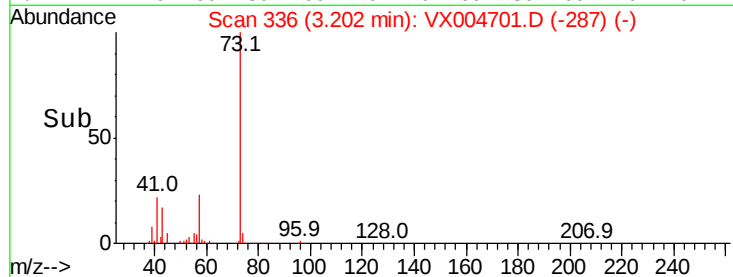
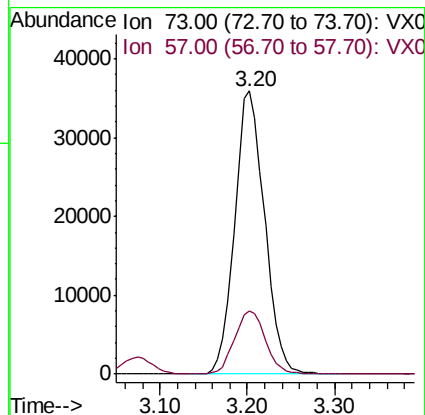
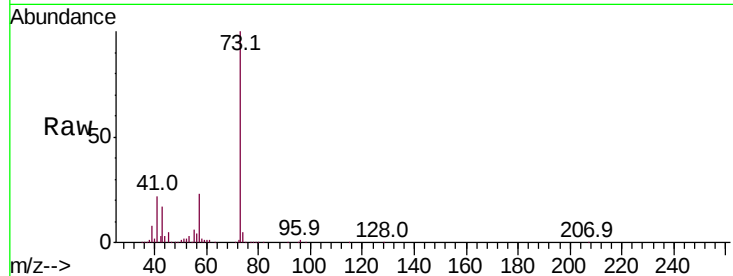


#19

Methyl tert-butyl Ether
 Concen: 19.201 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_X
 ClientSampled :

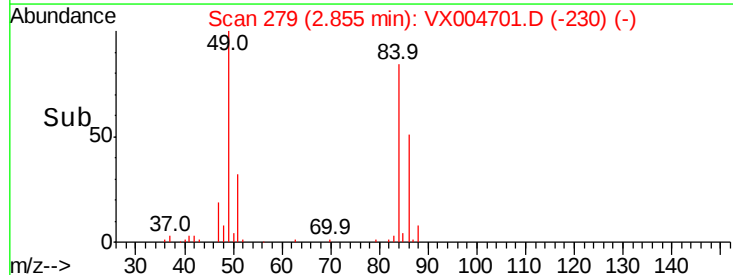
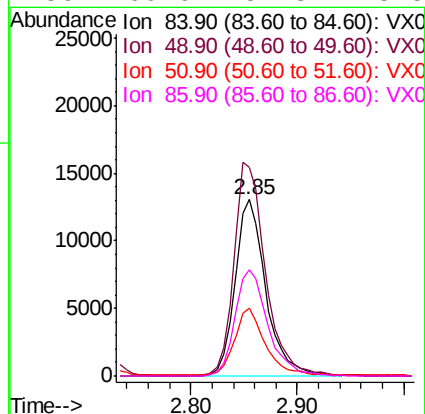
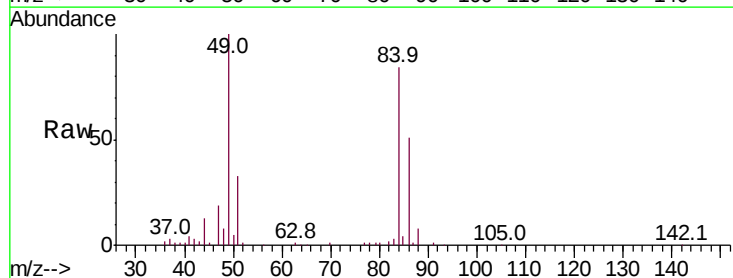
Tot Ion: 73 Resp: 85276
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.1 25.7

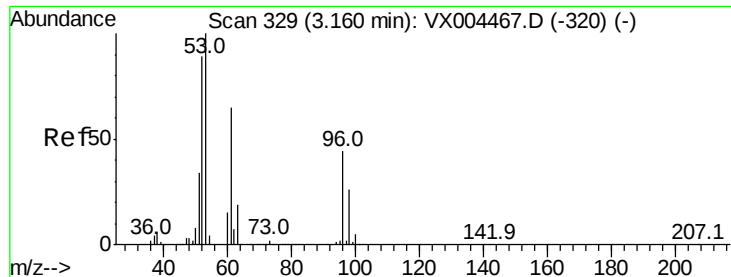


#20

Methylene Chloride
 Concen: 16.935 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 84 Resp: 26484
 Ion Ratio Lower Upper
 84 100
 49 118.5 101.2 151.8
 51 38.0 29.5 44.3
 86 60.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.070 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampled :

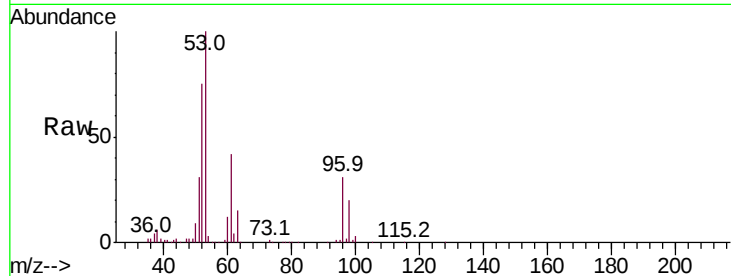
Tot Ion: 96 Resp: 25274

Ion Ratio Lower Upper

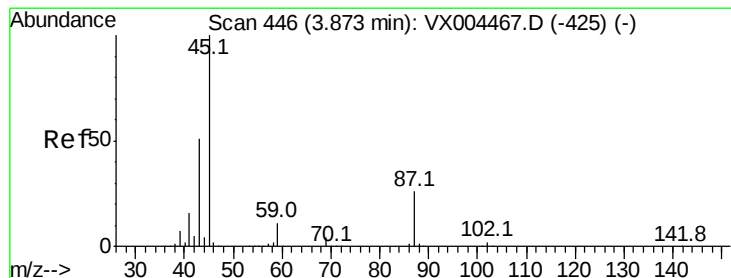
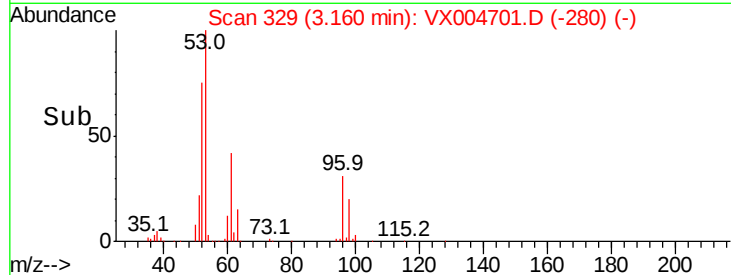
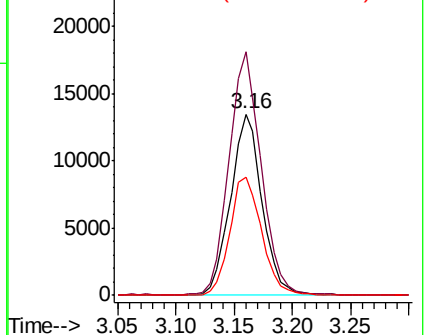
96 100

61 134.0 113.8 170.6

98 65.0 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: 18.069 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Tgt Ion: 45 Resp: 84688

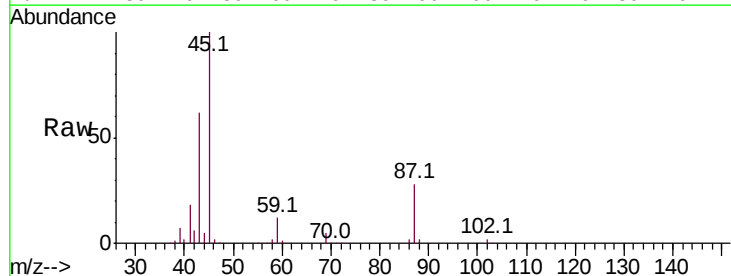
Ion Ratio Lower Upper

45 100

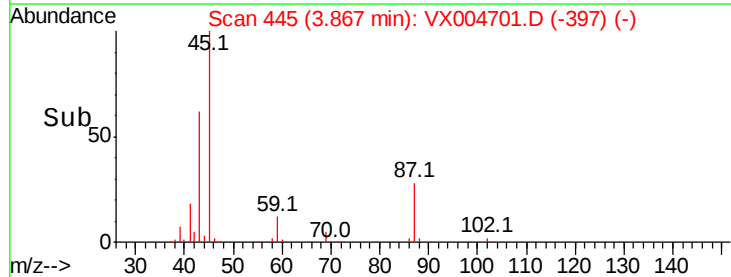
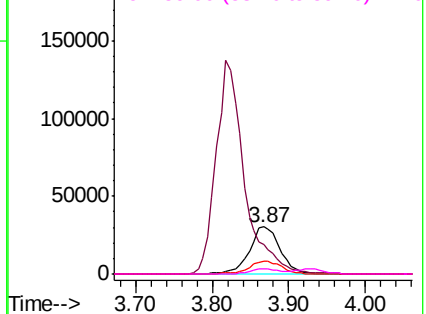
43 61.3 42.8 64.2

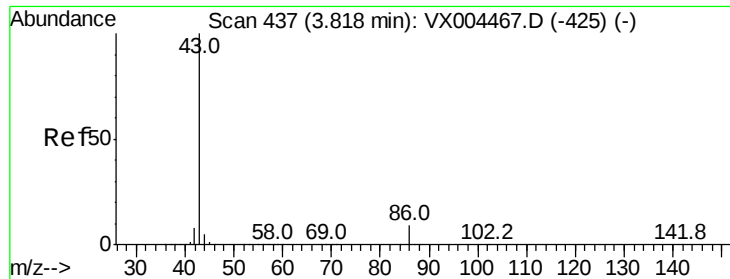
87 28.3 22.6 34.0

59 11.7 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: 93.302 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

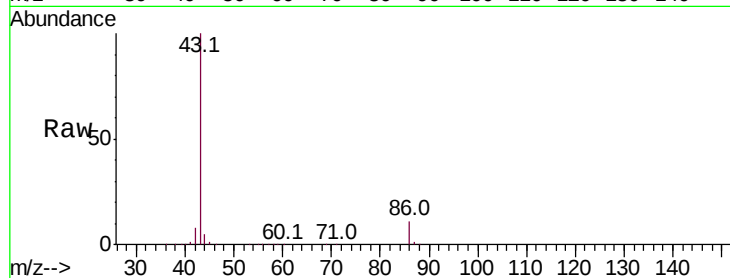
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 353873

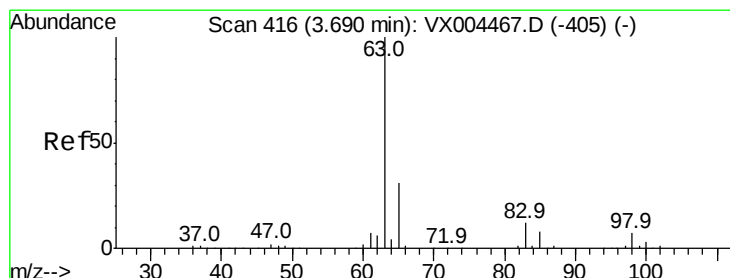
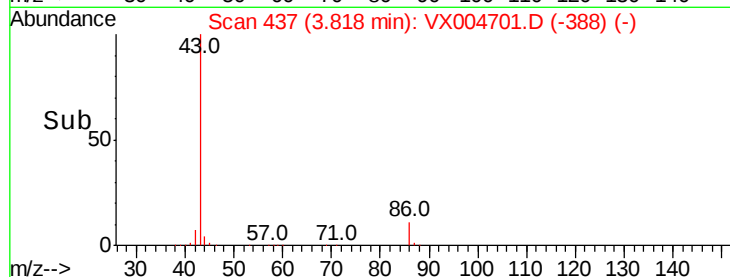
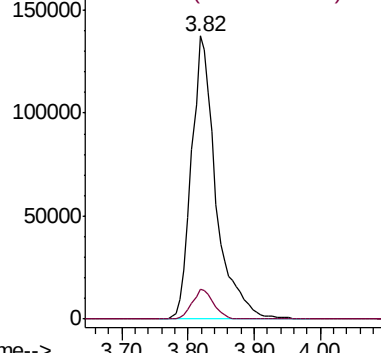
Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



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



#24

1,1-Dichloroethane

Concen: 18.053 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

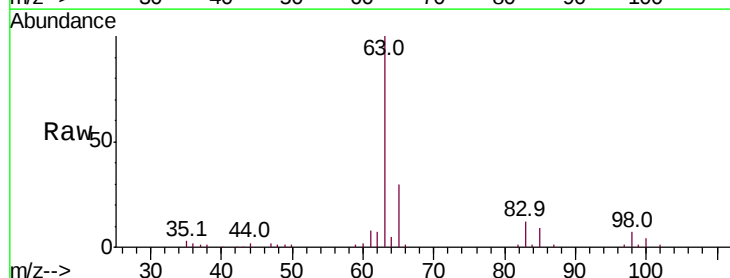
Tgt Ion: 63 Resp: 47769

Ion Ratio Lower Upper

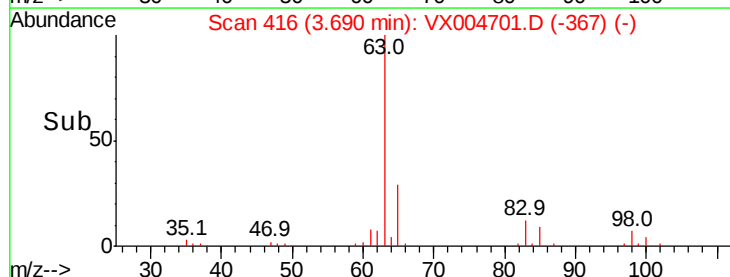
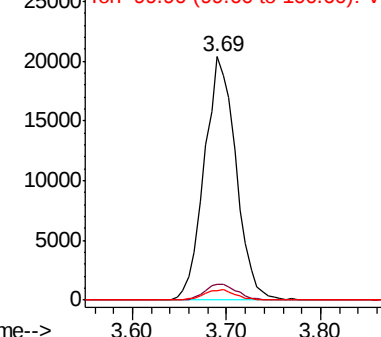
63 100

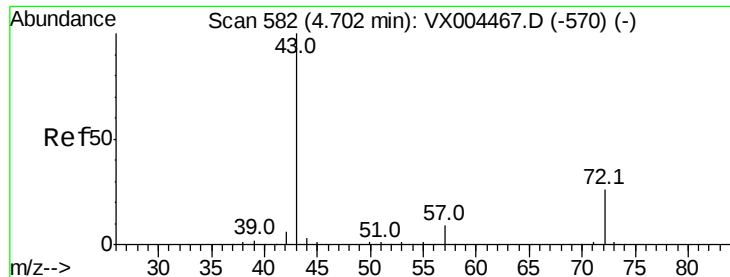
98 6.5 3.5 10.4

100 4.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 126.216 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

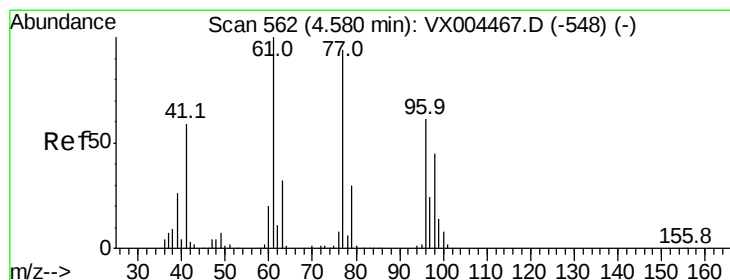
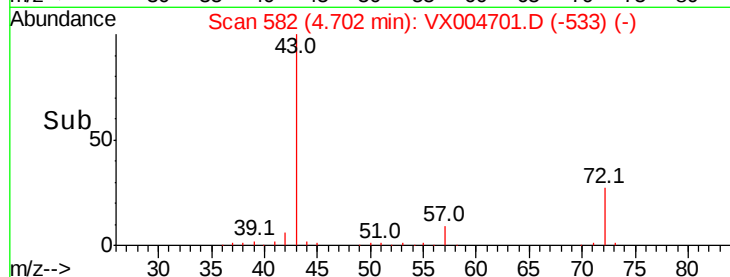
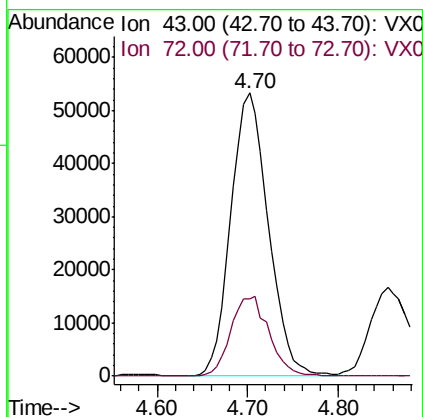
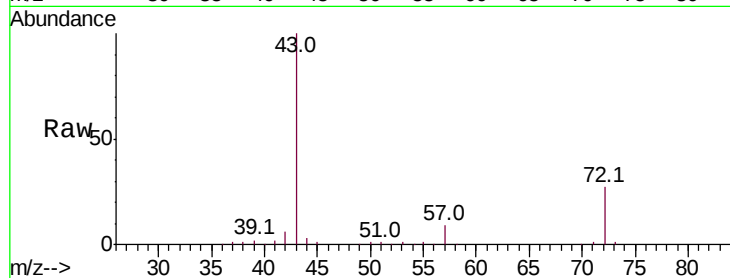
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 153139

Ion Ratio Lower Upper

43 100

72 27.3 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.466 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004701.D

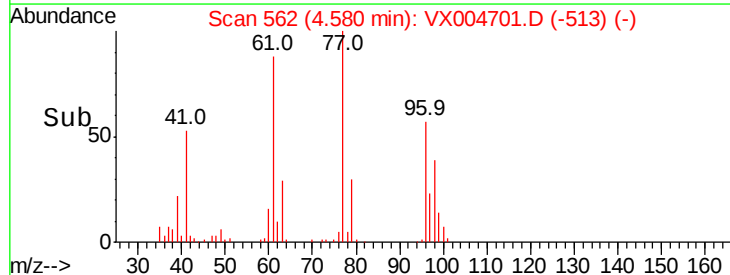
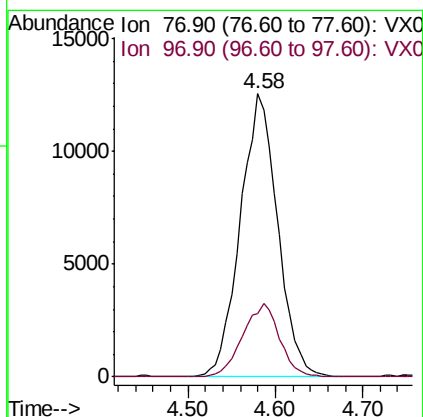
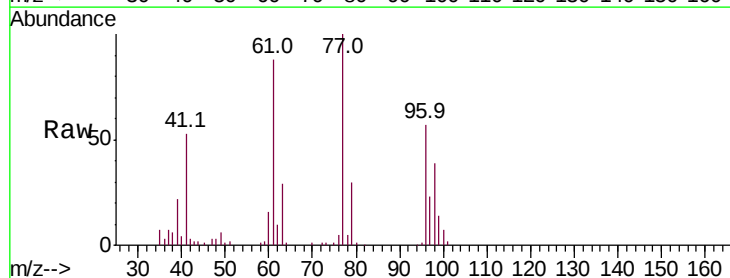
Acq: 19 Sep 2018 13:12

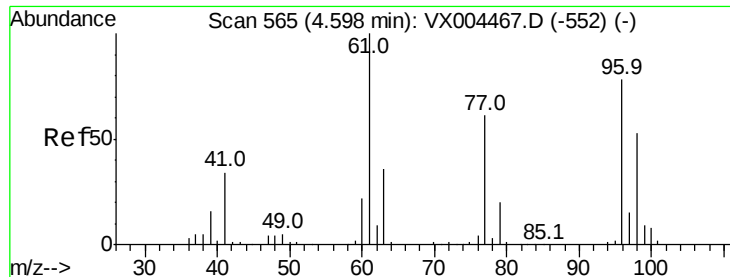
Tgt Ion: 77 Resp: 37196

Ion Ratio Lower Upper

77 100

97 25.7 11.7 35.0



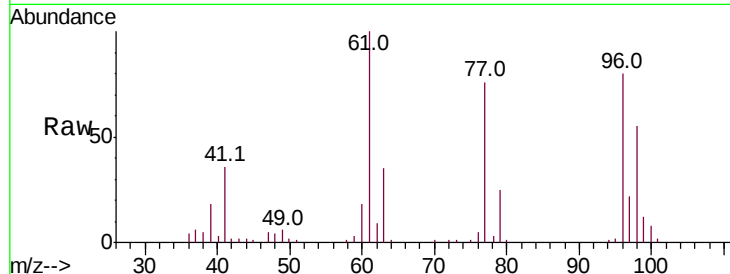


#27

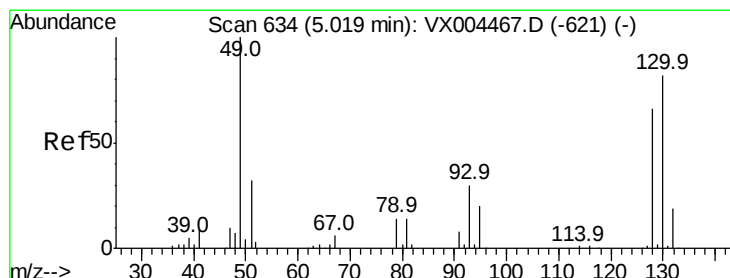
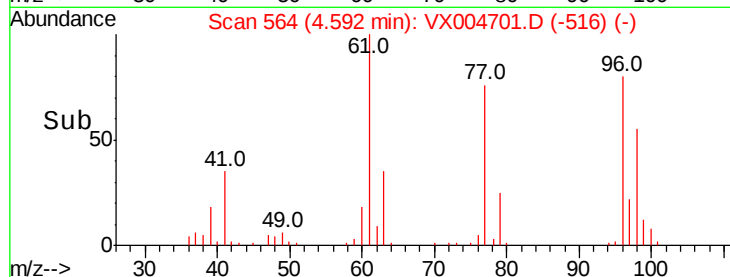
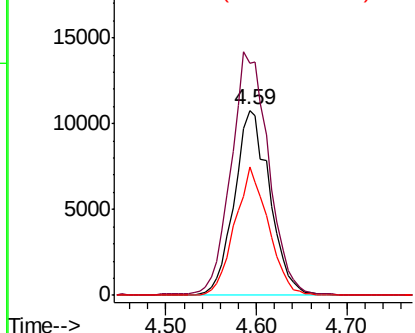
cis-1,2-Dichloroethene
 Concen: 18.670 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 29150
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 282.6
 98 65.9 0.0 130.2



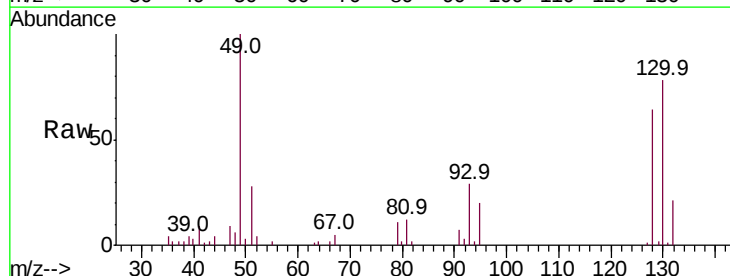
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



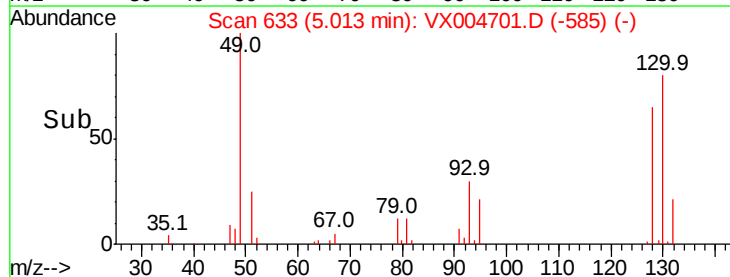
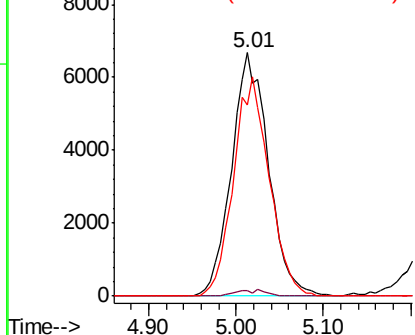
#28

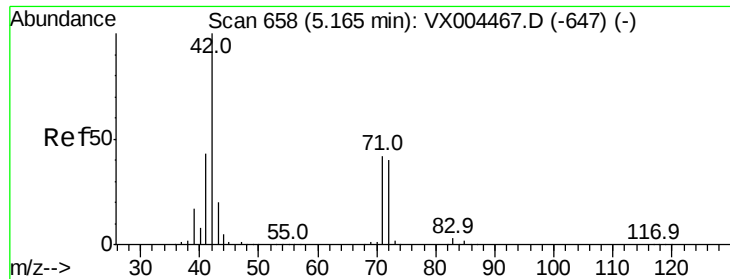
Bromochloromethane
 Concen: 16.192 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 49 Resp: 19598
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 86.7 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: 139.325 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

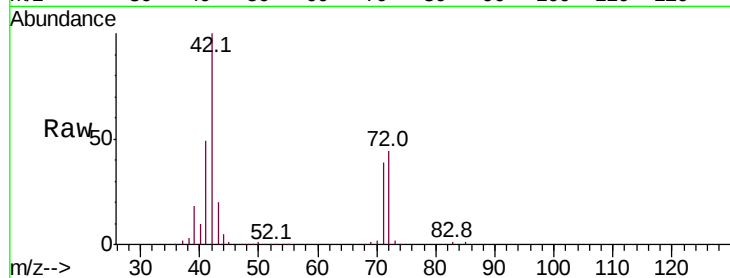
Tot Ion: 42 Resp: 101944

Ion Ratio Lower Upper

42 100

72 44.4 37.4 56.0

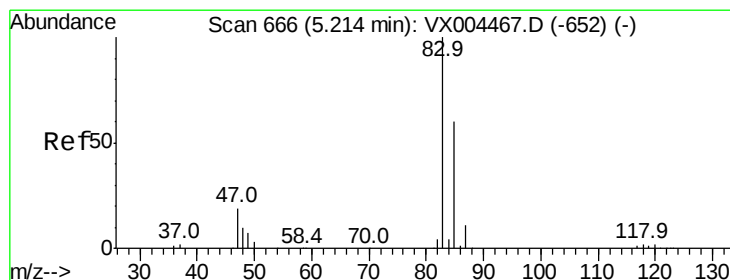
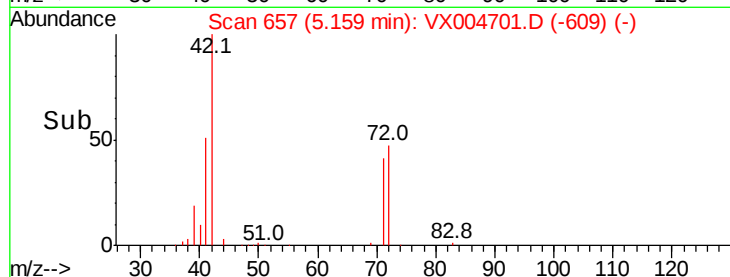
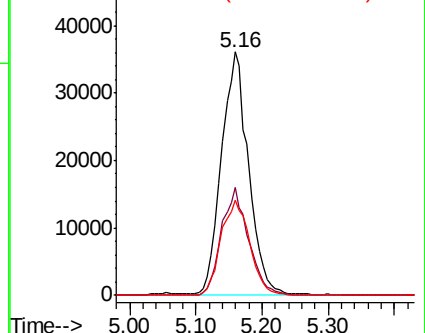
71 41.5 34.5 51.7



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: 18.249 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004701.D

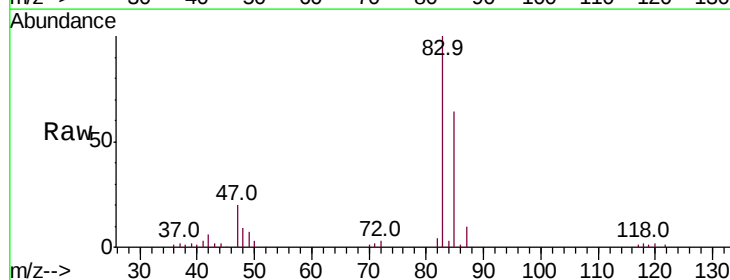
Acq: 19 Sep 2018 13:12

Tgt Ion: 83 Resp: 47144

Ion Ratio Lower Upper

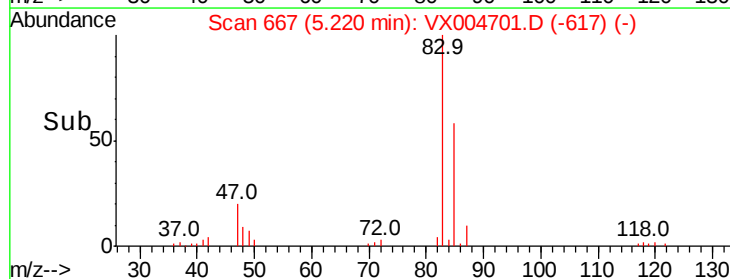
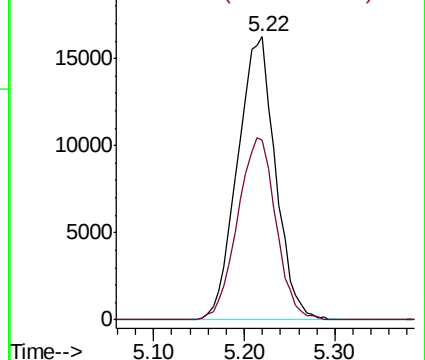
83 100

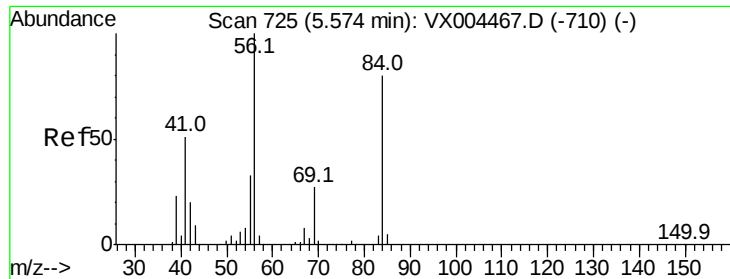
85 63.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.311 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

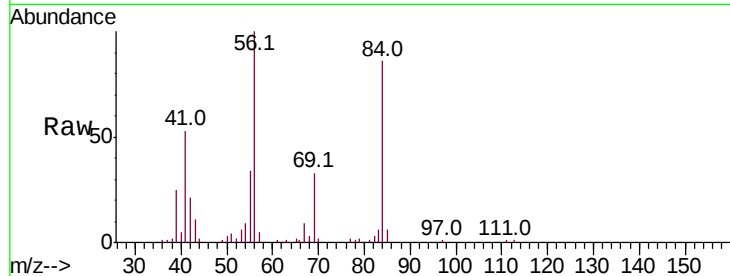
Tot Ion: 56 Resp: 48150

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

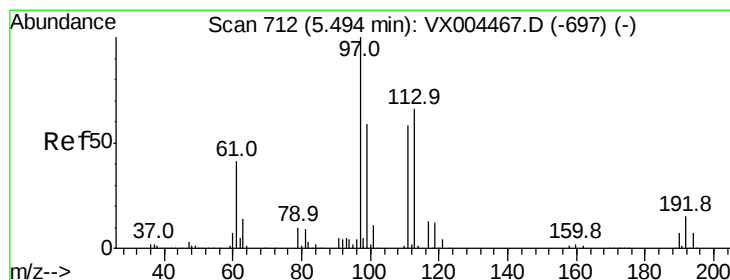
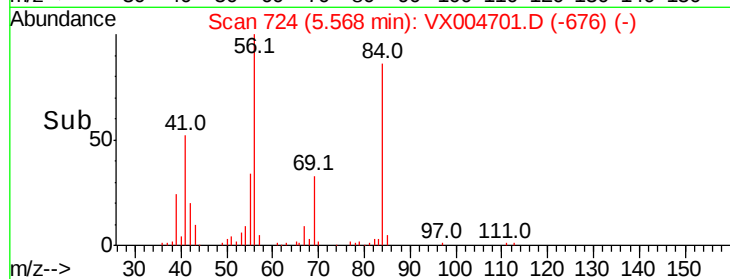
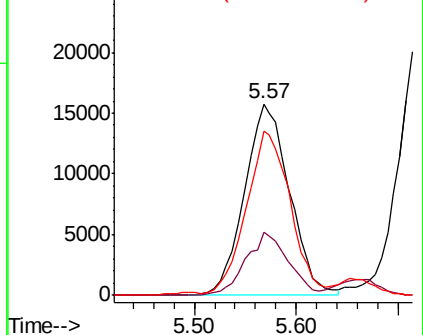
84 84.1 71.4 107.2



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: 19.265 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

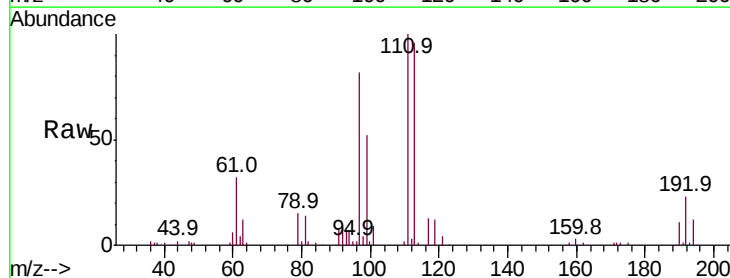
Tgt Ion: 97 Resp: 40084

Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

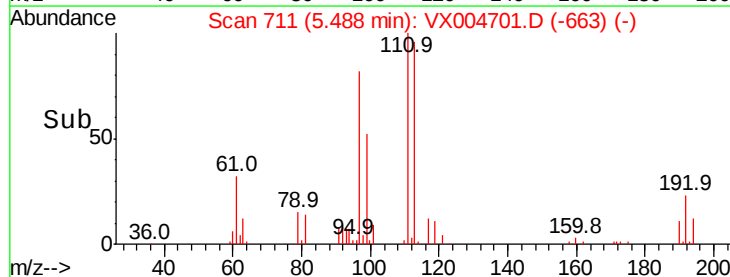
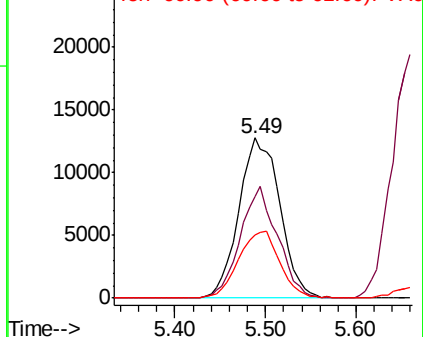
61 41.9 34.9 52.3

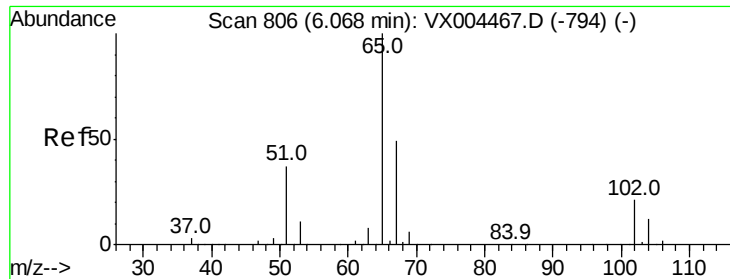


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

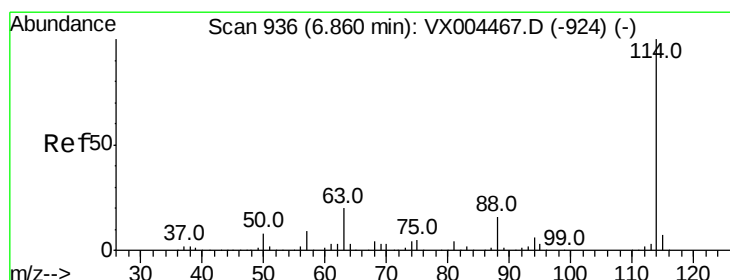
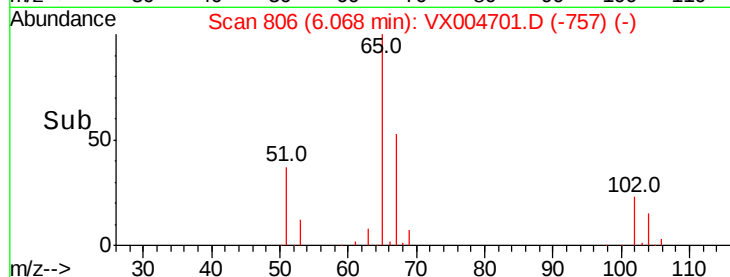
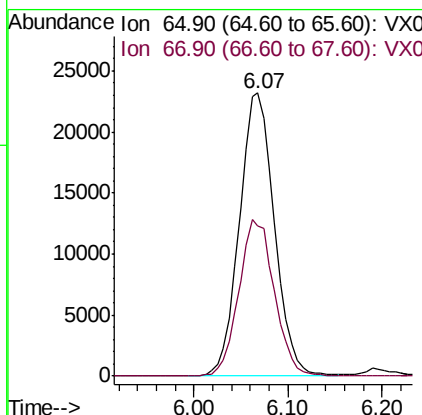
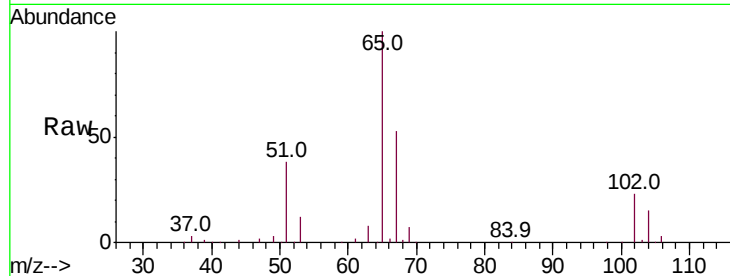




#33
 1,2-Dichloroethane-d4
 Concen: 38.667 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

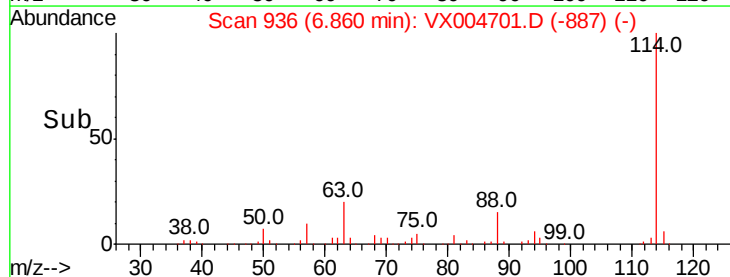
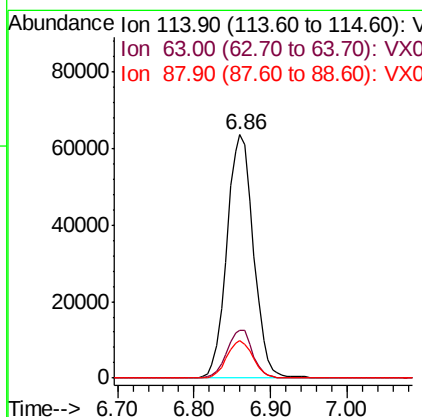
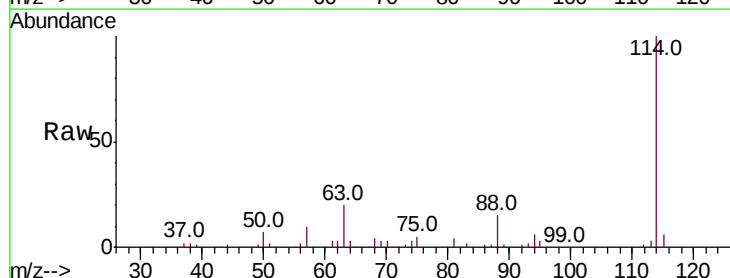
Instrument :
 MSVOA_X
 ClientSampled :

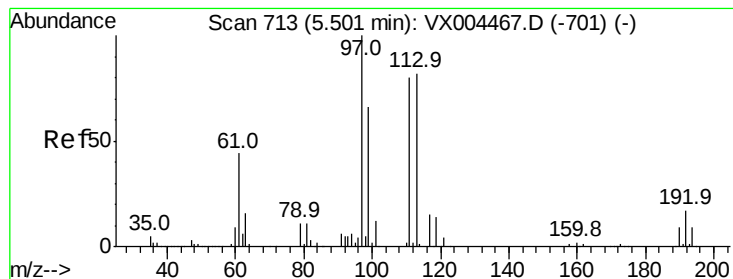
Tot Ion: 65 Resp: 60397
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion:114 Resp: 152532
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 41.549 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

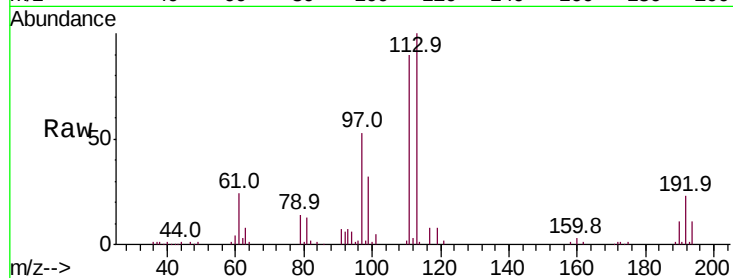
Tot Ion:113 Resp: 57994

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

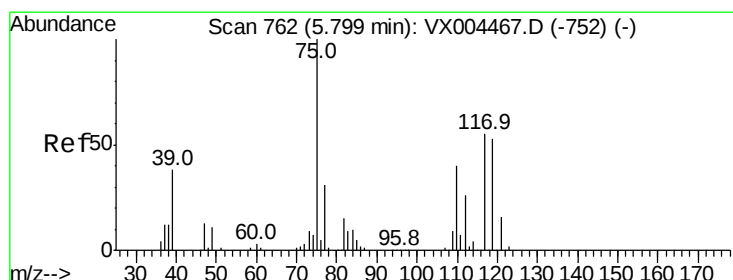
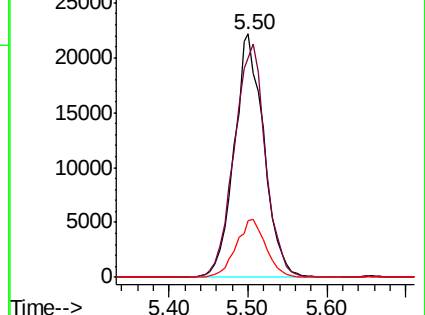
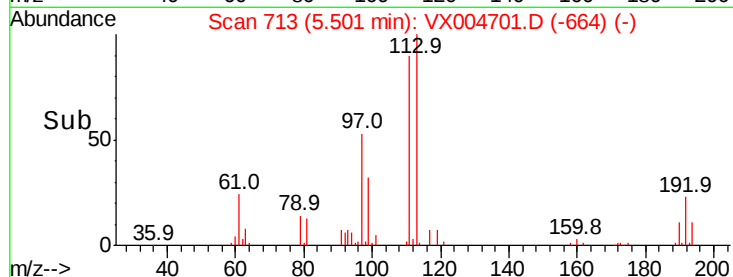
192 23.7 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.592 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

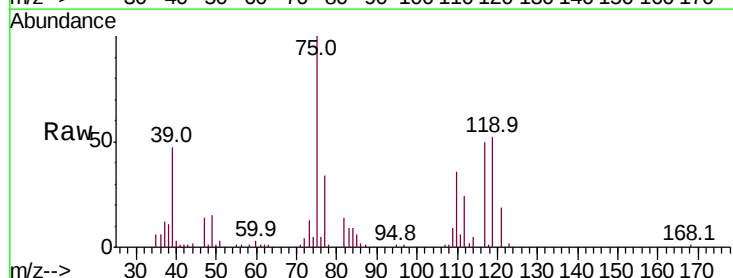
Tgt Ion: 75 Resp: 36280

Ion Ratio Lower Upper

75 100

110 38.2 18.0 54.0

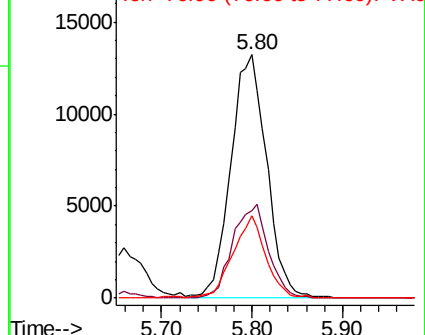
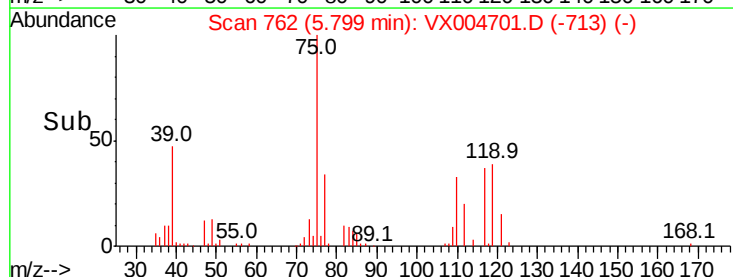
77 30.9 24.6 36.8

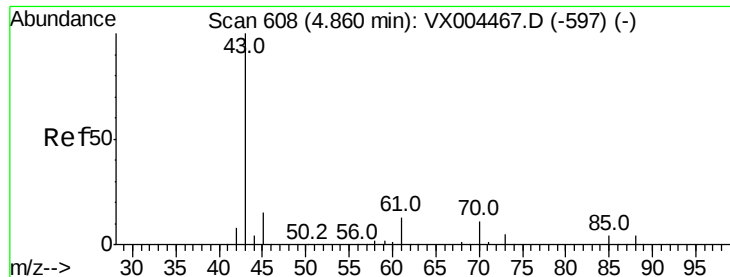


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

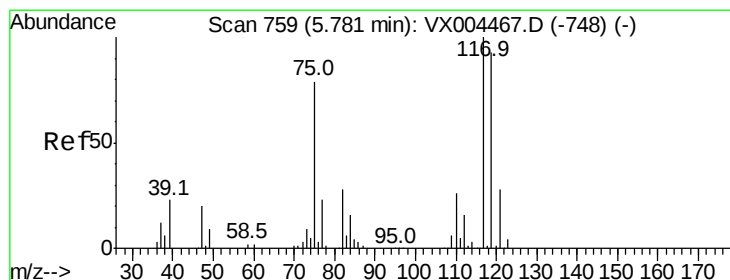
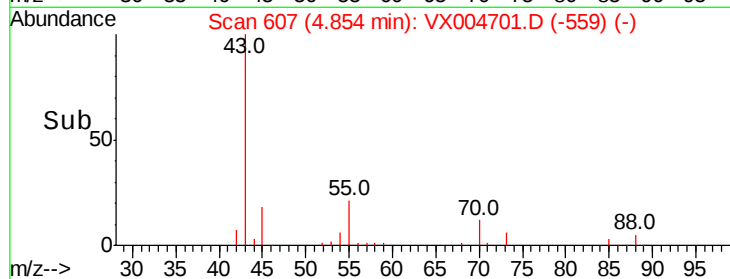
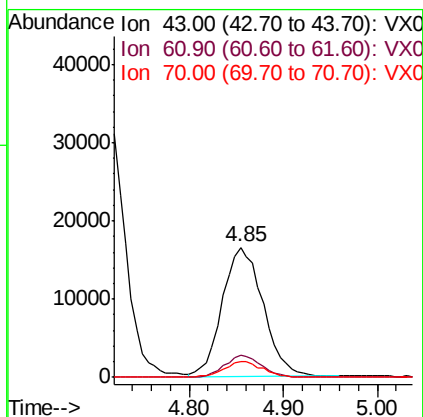
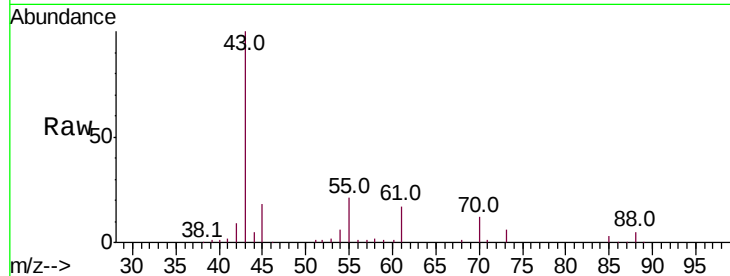




#37
Ethyl Acetate
Concen: 23.640 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

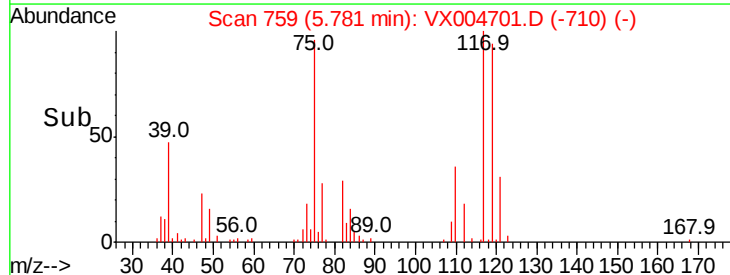
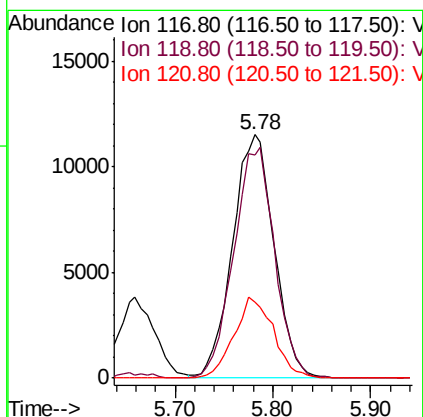
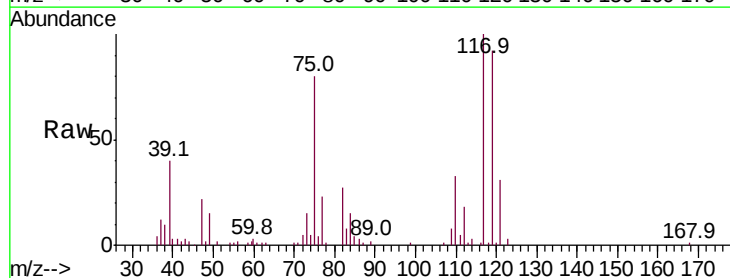
Instrument :
MSVOA_X
ClientSampled :

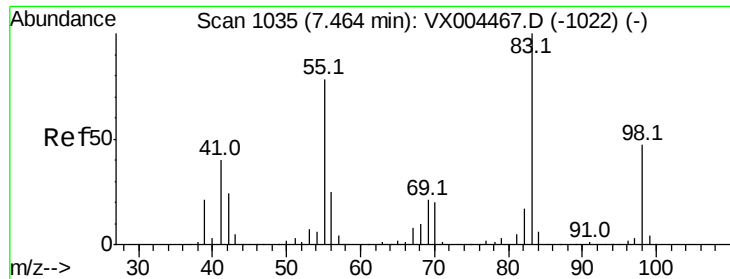
Tot Ion: 43 Resp: 49790
Ion Ratio Lower Upper
43 100
61 15.5 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.739 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 117 Resp: 33893
Ion Ratio Lower Upper
117 100
119 91.7 78.8 118.2
121 31.4 24.9 37.3

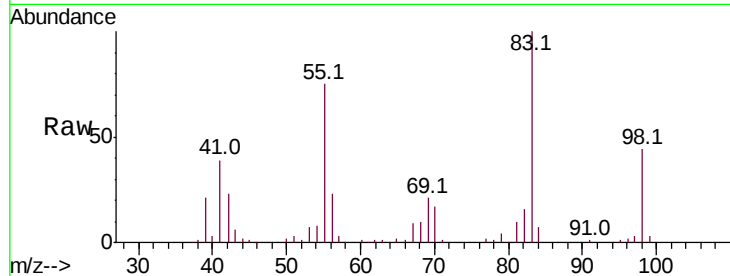




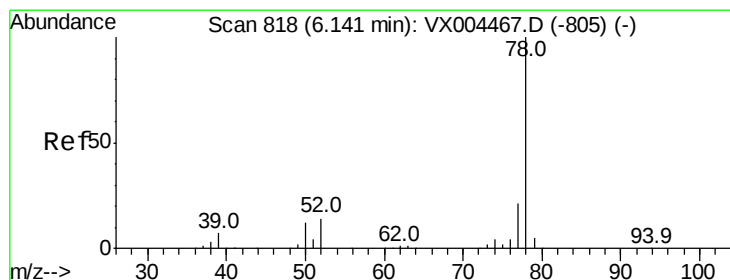
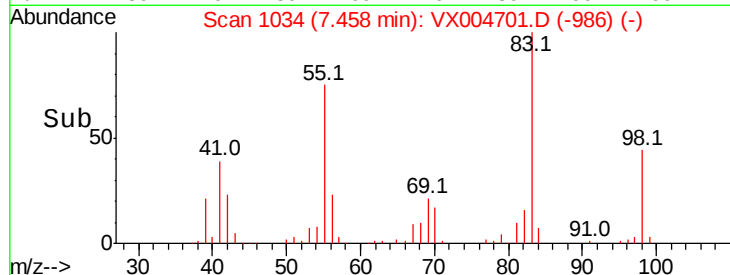
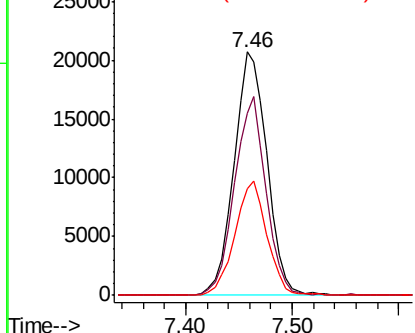
#39
Methvlcvclohexane
Concen: 23.316 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 45057
Ion Ratio Lower Upper
83 100
55 74.7 61.0 91.4
98 43.9 39.6 59.4

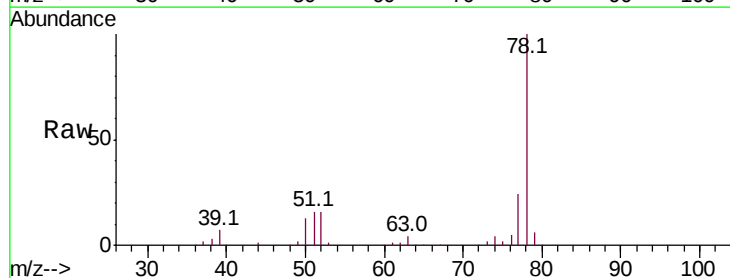


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

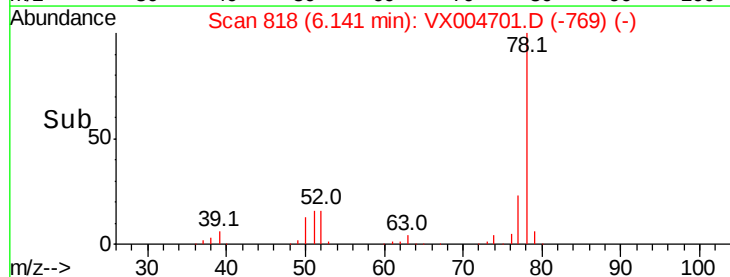
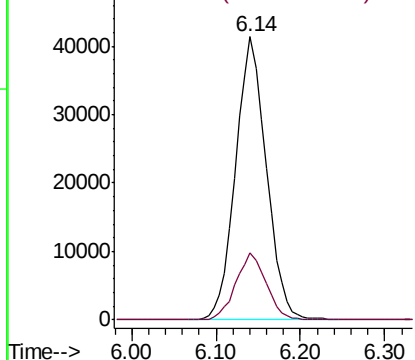


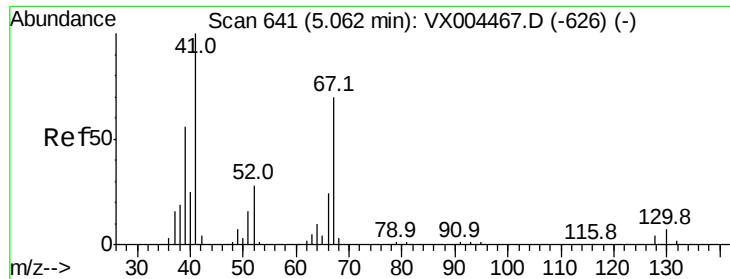
#40
Benzene
Concen: 18.539 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 78 Resp: 101861
Ion Ratio Lower Upper
78 100
77 23.6 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: 24.476 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 28403

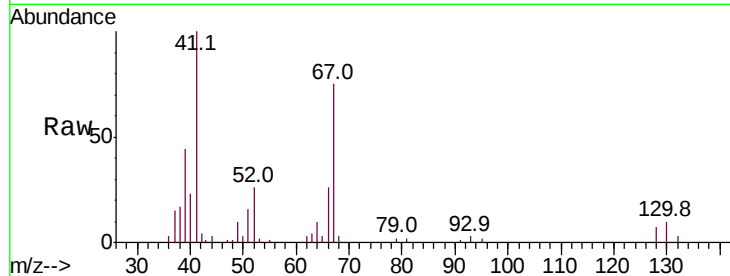
Ion Ratio Lower Upper

41 100

39 49.2 42.4 63.6

67 73.7 59.2 88.8

52 28.1 23.0 34.4

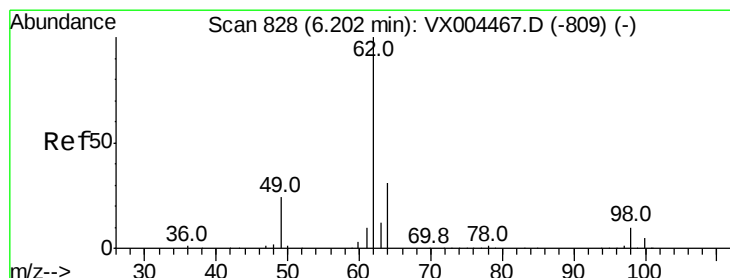
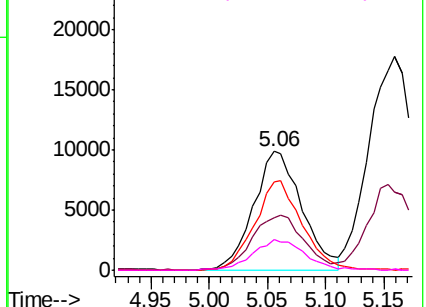
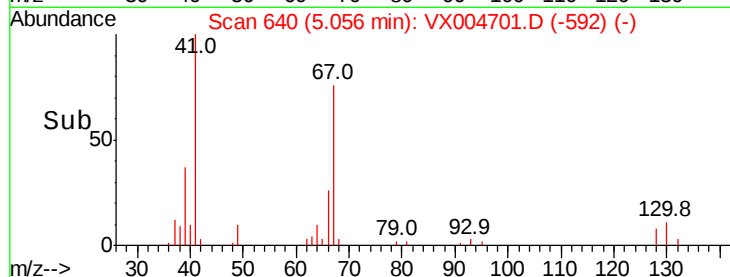


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.442 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004701.D

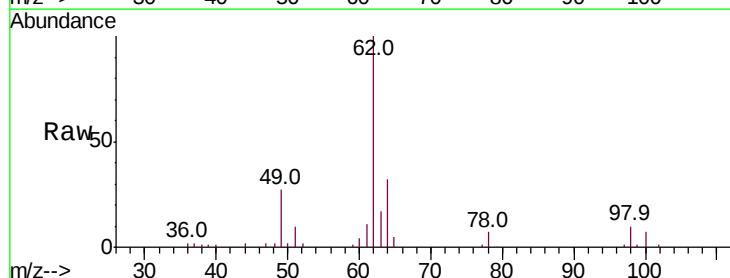
Acq: 19 Sep 2018 13:12

Tgt Ion: 62 Resp: 31785

Ion Ratio Lower Upper

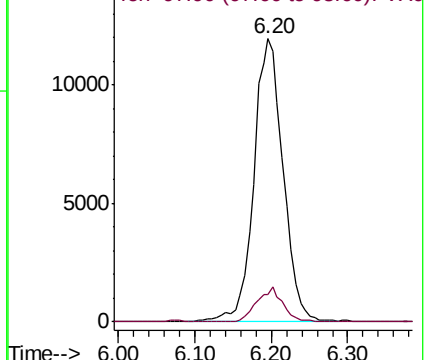
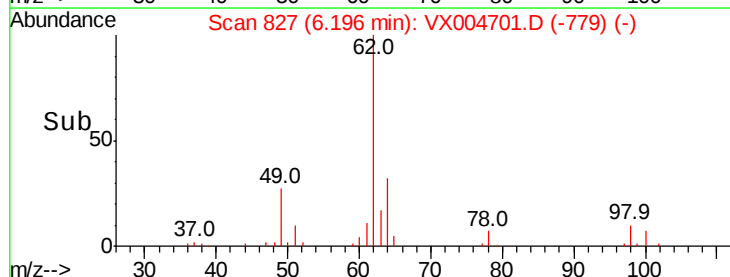
62 100

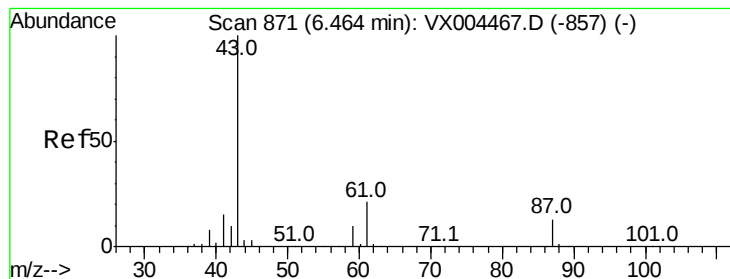
98 10.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.766 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

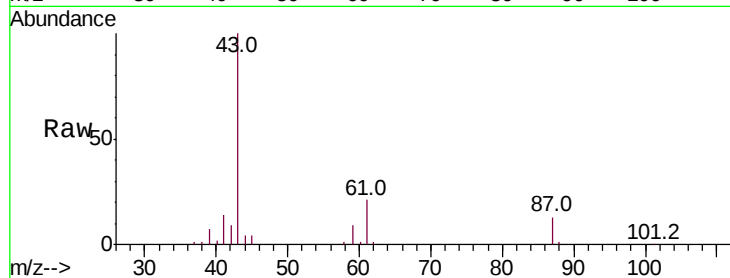
Tot Ion: 43 Resp: 60888

Ion Ratio Lower Upper

43 100

61 20.8 17.0 25.4

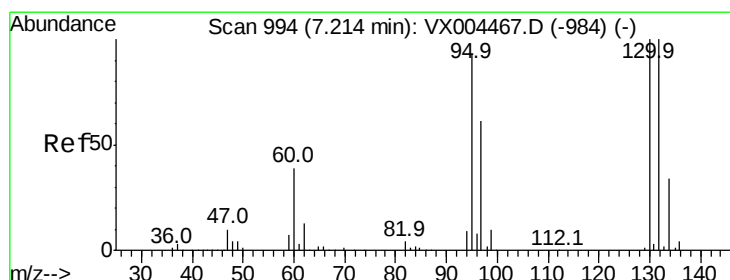
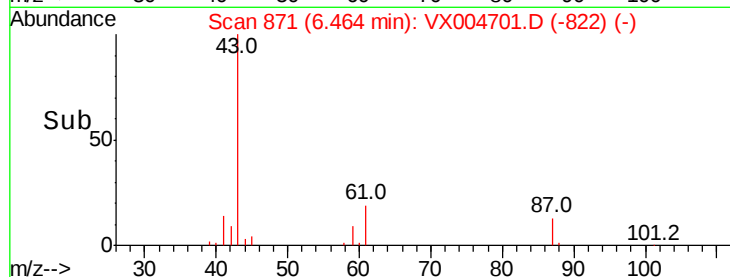
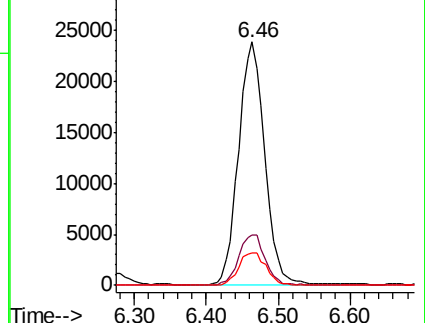
87 13.9 11.4 17.2



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: 20.718 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004701.D

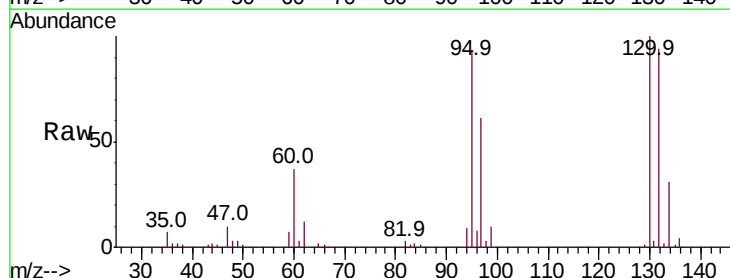
Acq: 19 Sep 2018 13:12

Tgt Ion:130 Resp: 29574

Ion Ratio Lower Upper

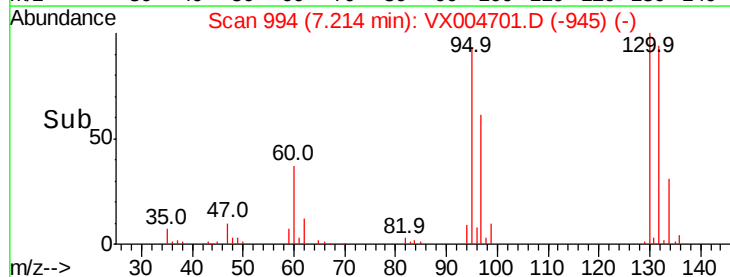
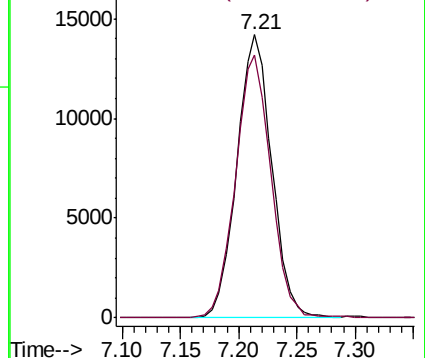
130 100

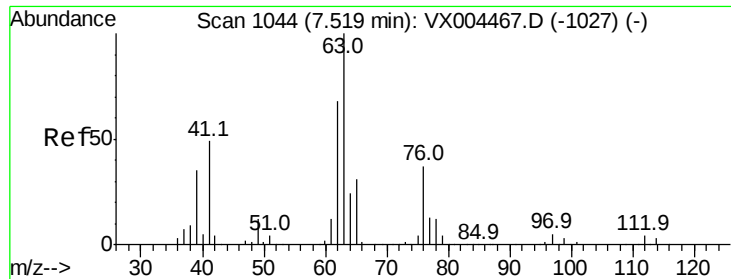
95 92.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.429 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

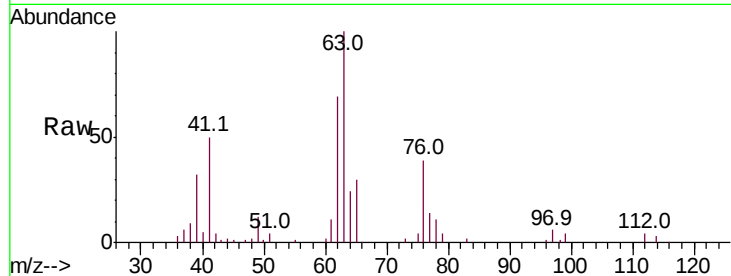
ClientSampled :

Tot Ion: 63 Resp: 25687

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

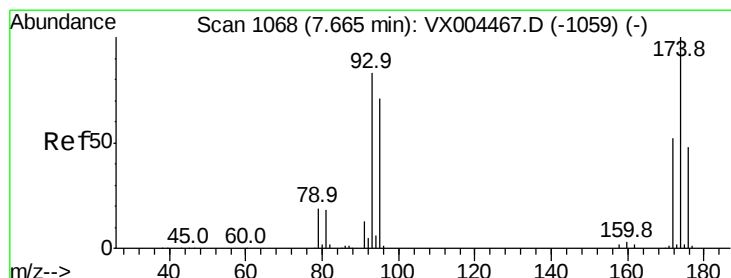
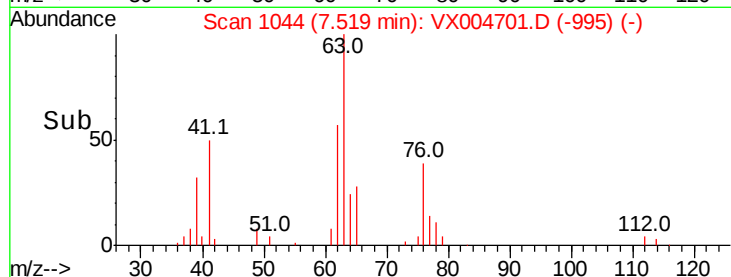
10000

5000

0

Time-->

7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 18.452 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

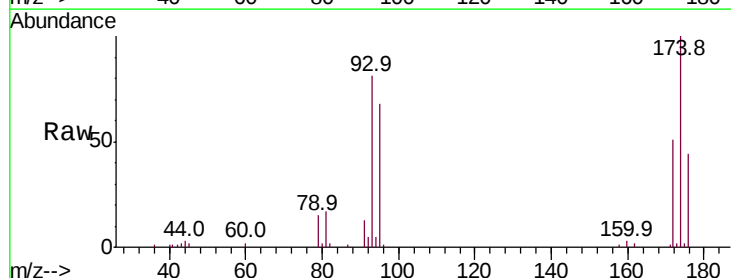
Tgt Ion: 93 Resp: 15412

Ion Ratio Lower Upper

93 100

95 84.3 65.5 98.3

174 122.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

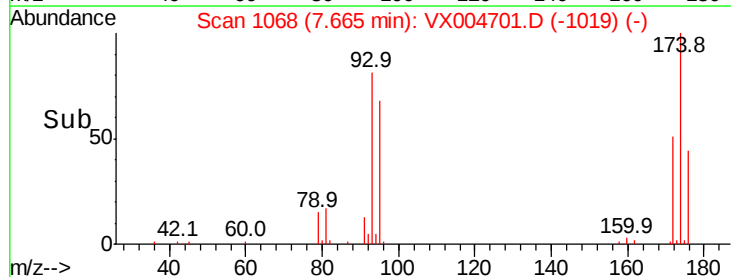
10000

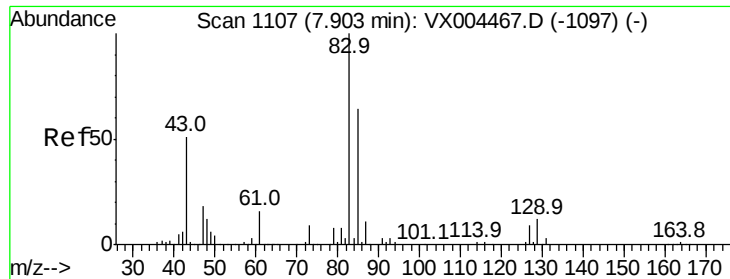
5000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 17.562 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

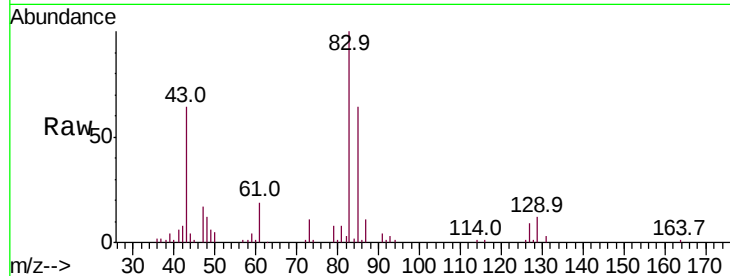
Tot Ion: 83 Resp: 27739

Ion Ratio Lower Upper

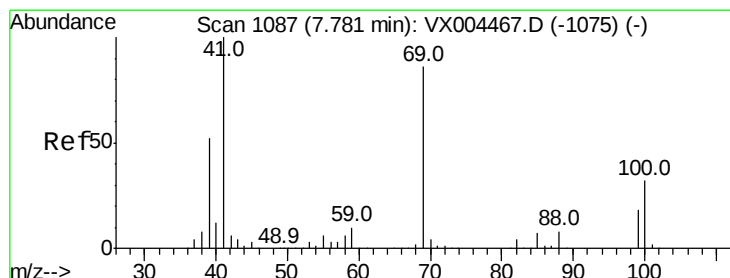
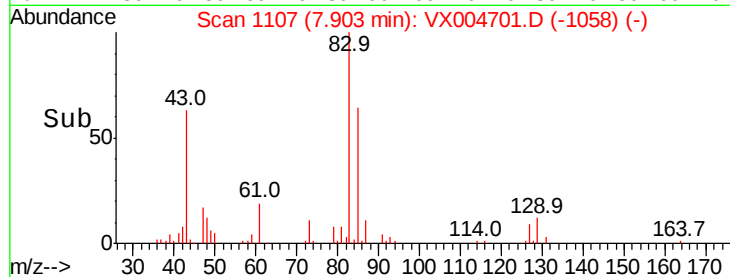
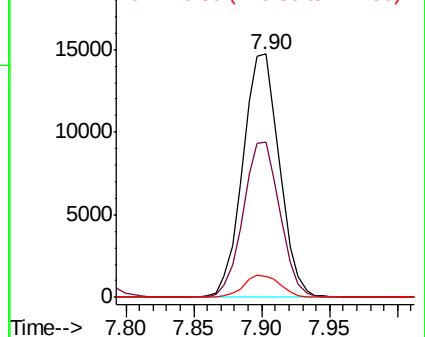
83 100

85 63.6 50.9 76.3

127 8.8 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: 21.438 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

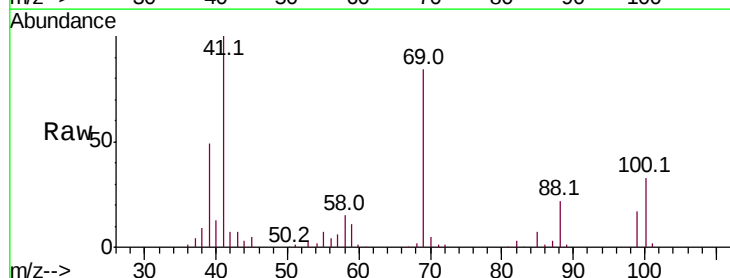
Tgt Ion: 41 Resp: 29679

Ion Ratio Lower Upper

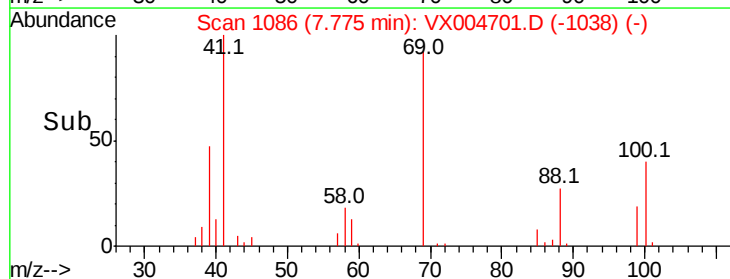
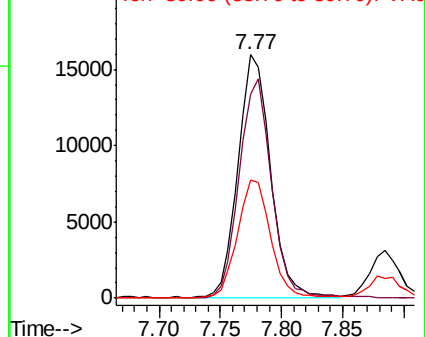
41 100

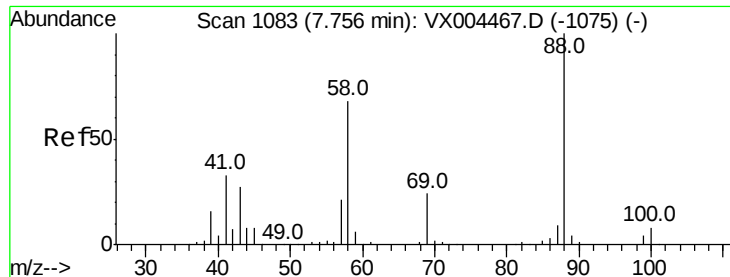
69 89.2 70.2 105.4

39 49.2 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: 632.718 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

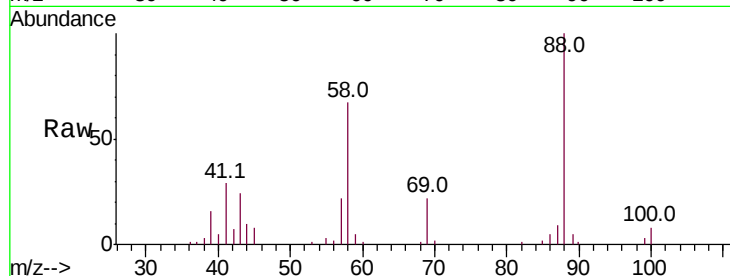
Tot Ion: 88 Resp: 20732

Ion Ratio Lower Upper

88 100

43 27.4 24.7 37.1

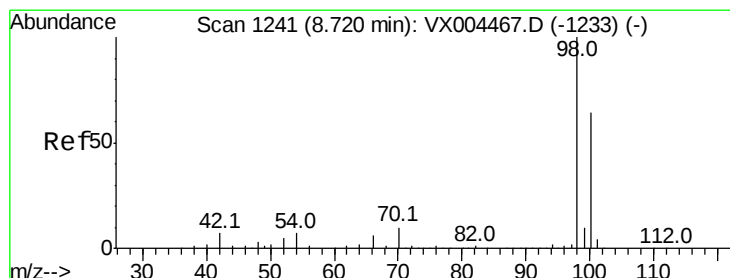
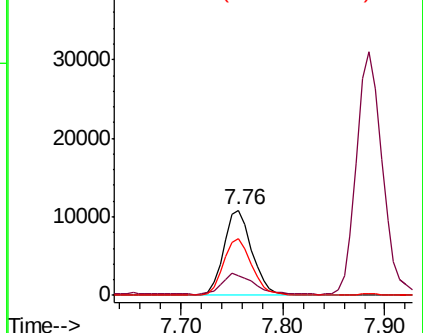
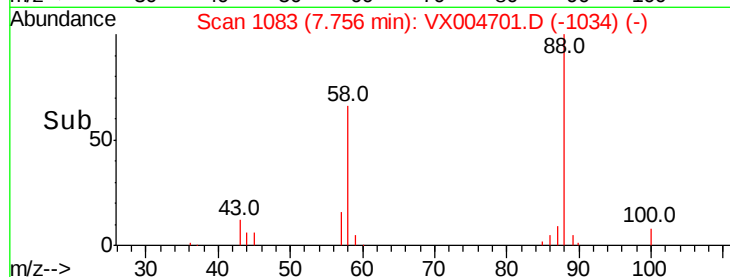
58 67.1 55.3 82.9



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: 44.428 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004701.D

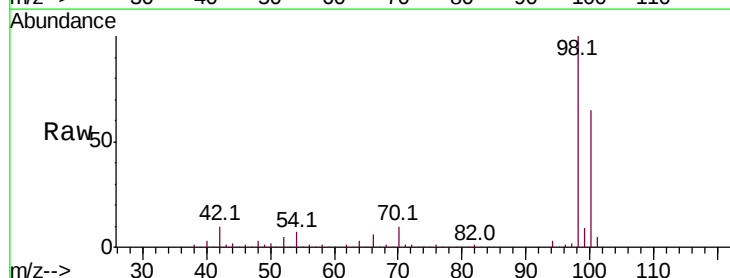
Acq: 19 Sep 2018 13:12

Tgt Ion: 98 Resp: 207961

Ion Ratio Lower Upper

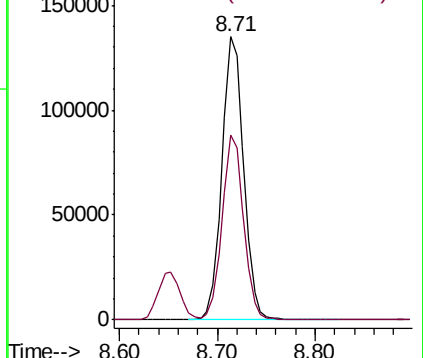
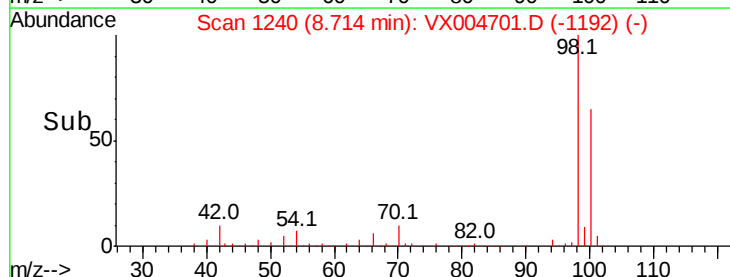
98 100

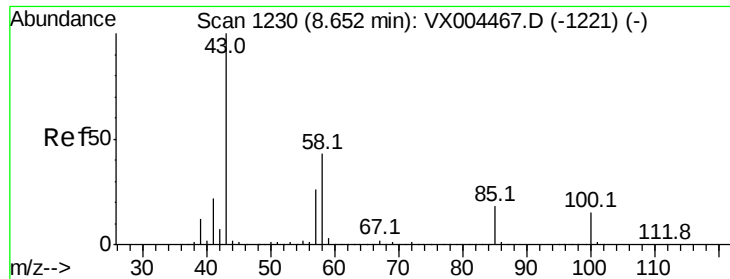
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 115.421 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

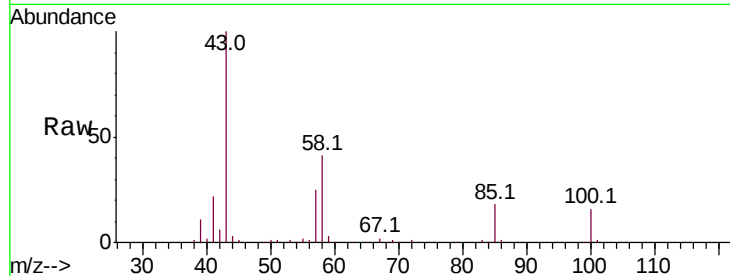
ClientSampleId :

Tot Ion: 43 Resp: 227855

Ion Ratio Lower Upper

43 100

58 40.7 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

150000

100000

50000

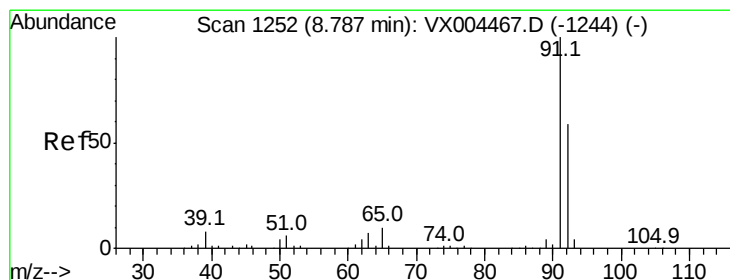
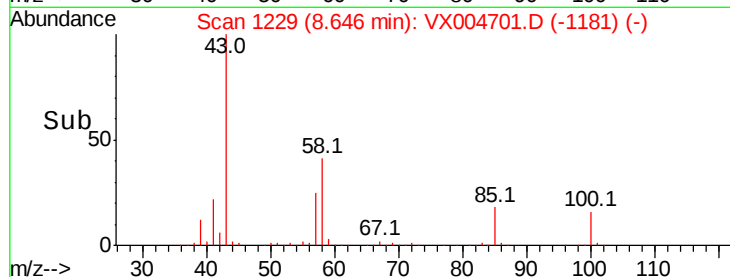
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 19.134 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004701.D

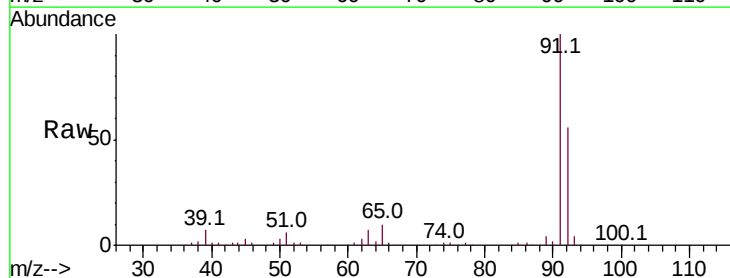
Acq: 19 Sep 2018 13:12

Tgt Ion: 92 Resp: 61939

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

60000

40000

20000

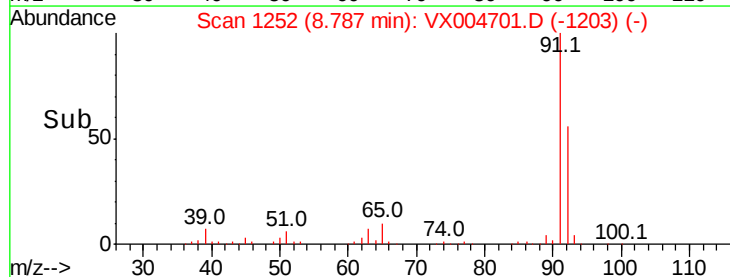
0

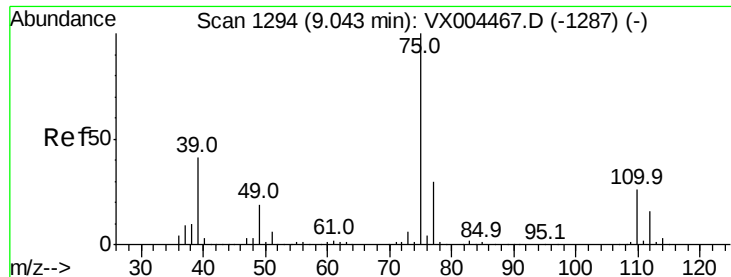
8.70

8.80

8.90

Time-->

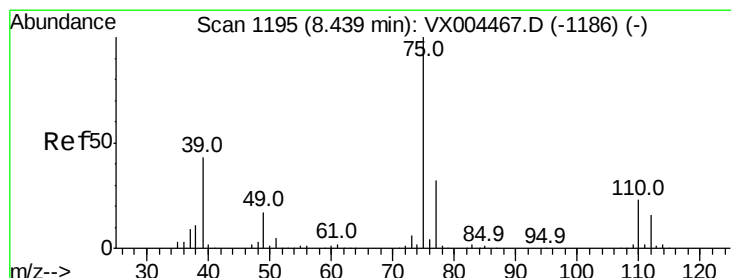
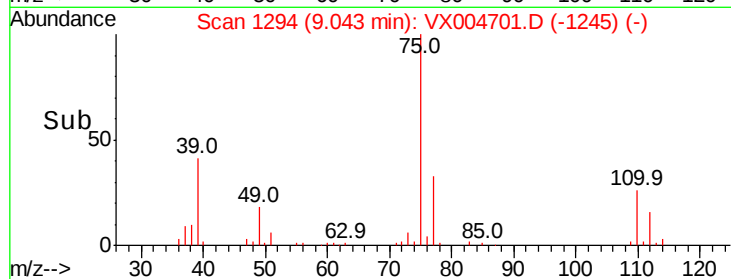
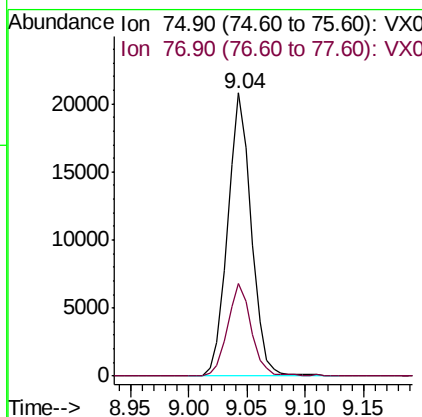
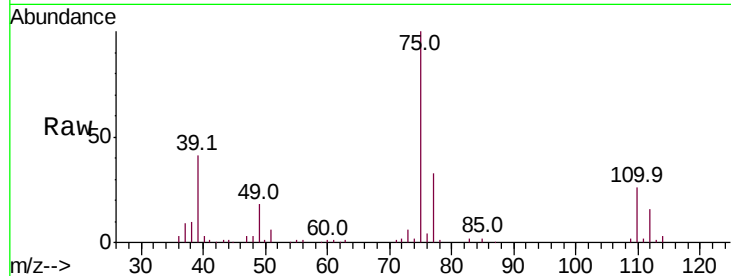




#53
 t-1,3-Dichloropropene
 Concen: 15.849 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

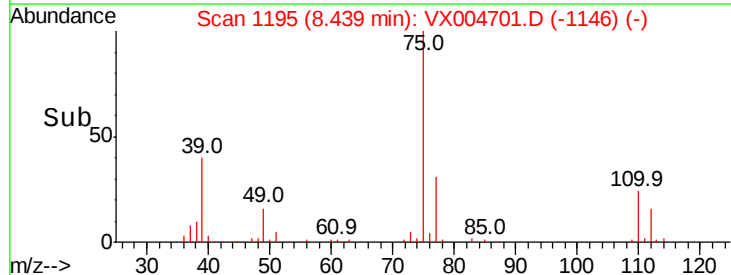
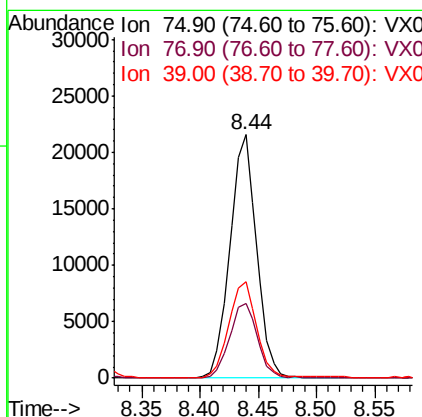
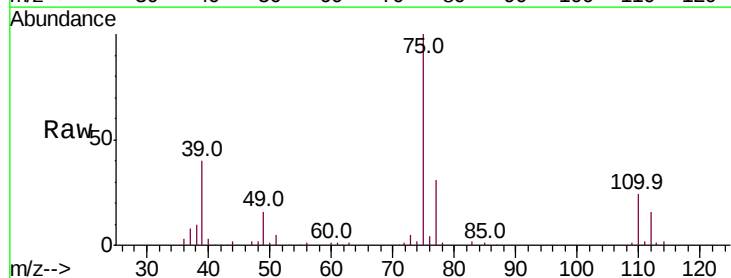
Instrument :
 MSVOA_X
 ClientSampleId :

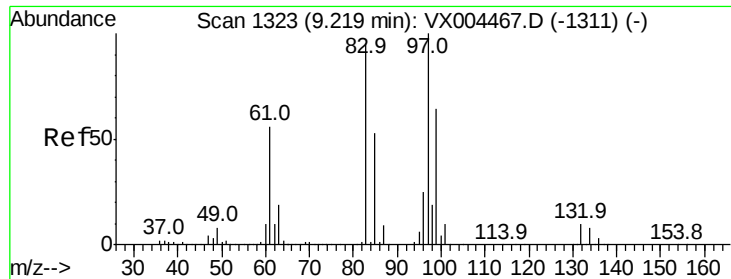
Tot Ion: 75 Resp: 29244
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.246 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion: 75 Resp: 34319
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.2
 39 39.2 36.4 54.6

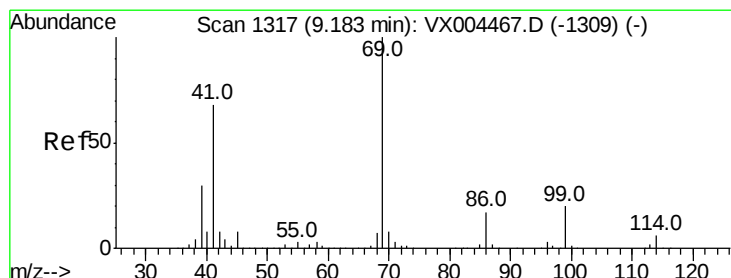
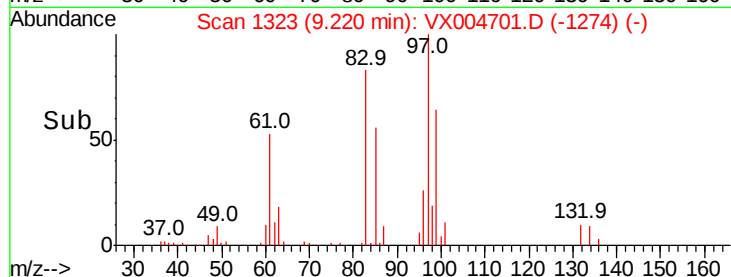
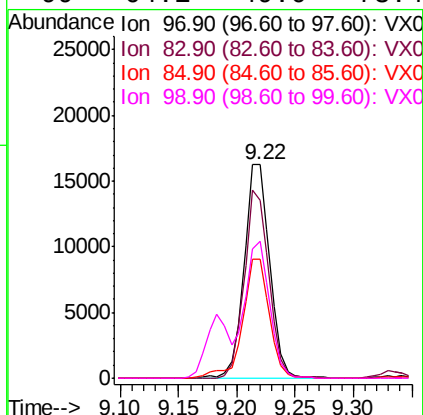
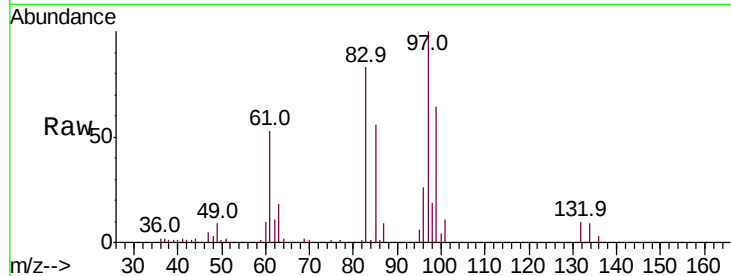




#55
 1,1,2-Trichloroethane
 Concen: 17.948 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

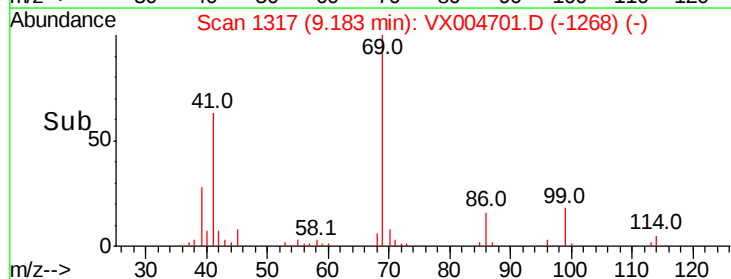
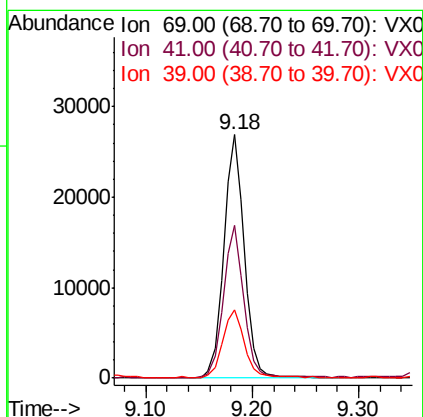
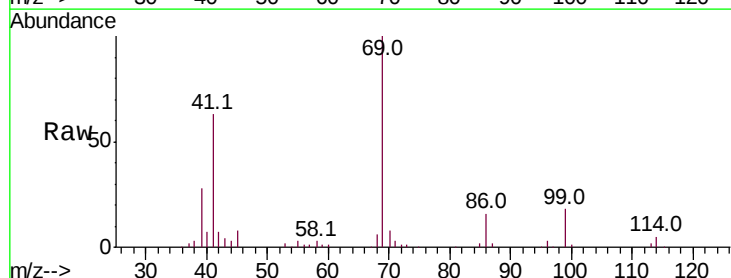
Instrument :
 MSVOA_X
 ClientSampled :

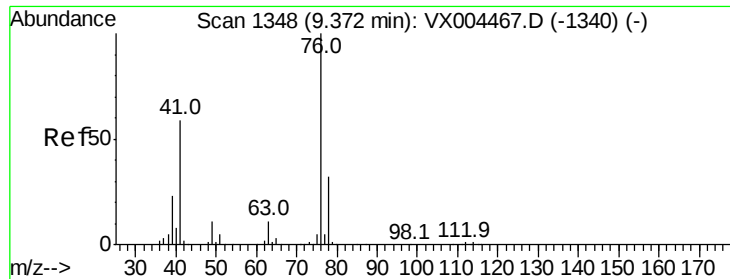
Tot Ion:	97	Resp:	25017
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	56.0	43.3	64.9
99	64.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.409 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion:	69	Resp:	36300
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.4
39	29.0	26.1	39.1





#57

1,3-Dichloropropane

Concen: 18.158 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

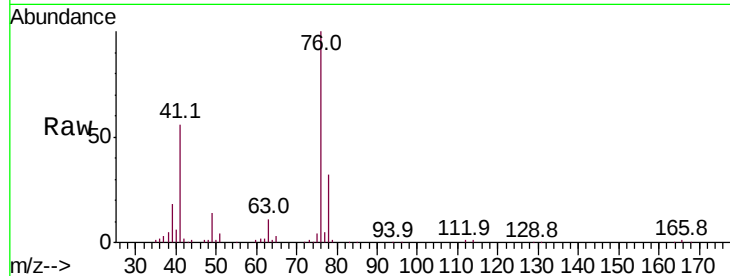
ClientSampleId :

Tot Ion: 76 Resp: 41124

Ion Ratio Lower Upper

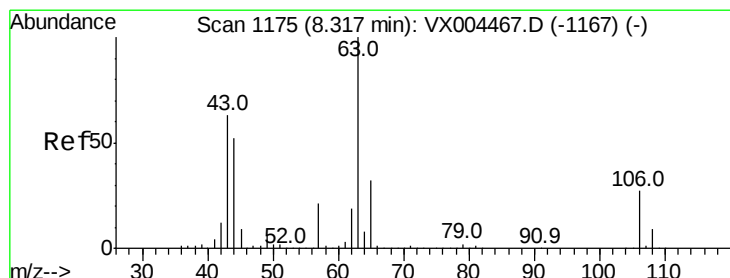
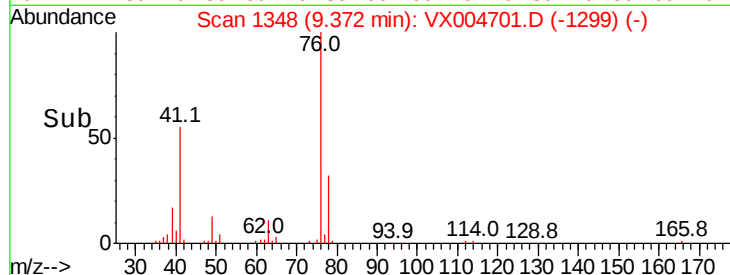
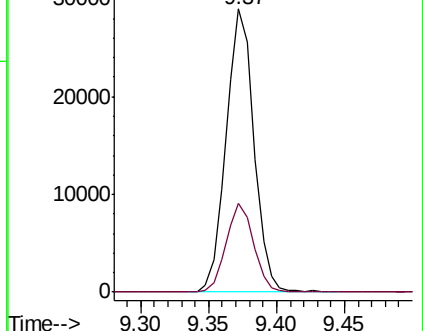
76 100

78 31.2 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: 93.658 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004701.D

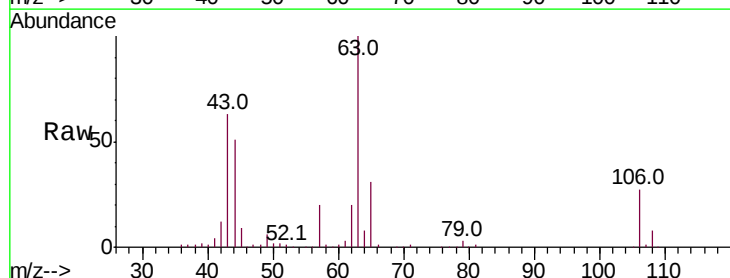
Acq: 19 Sep 2018 13:12

Tgt Ion: 63 Resp: 89388

Ion Ratio Lower Upper

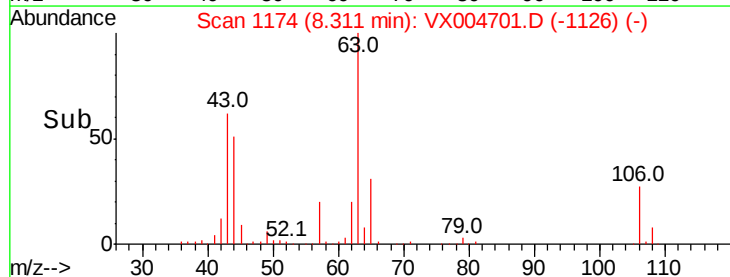
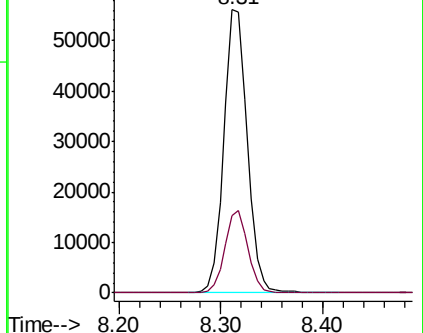
63 100

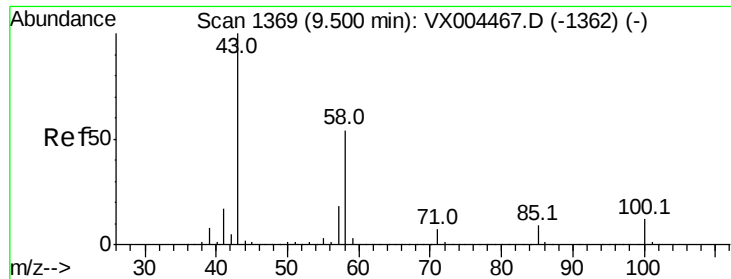
106 28.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

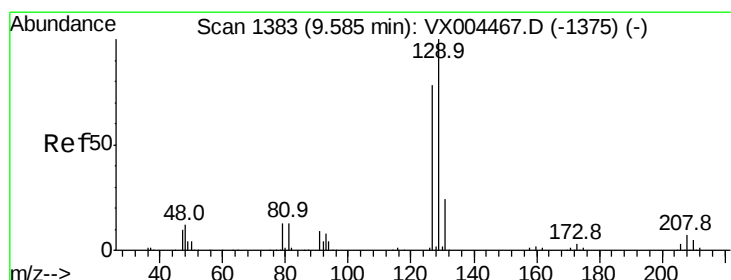
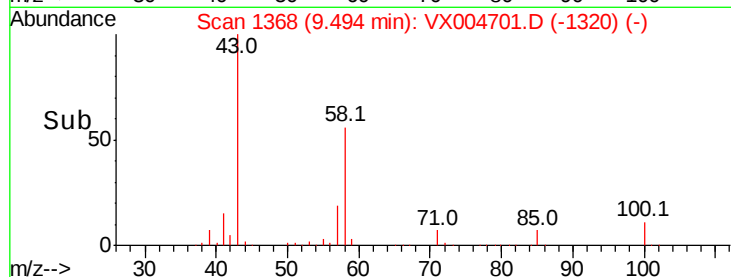
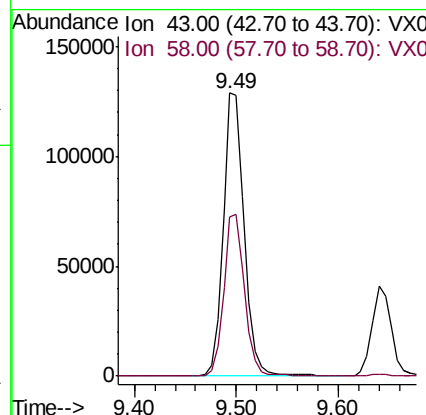
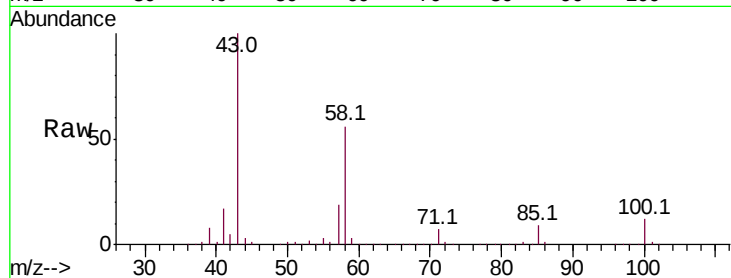




#59
2-Hexanone
Concen: 121.739 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

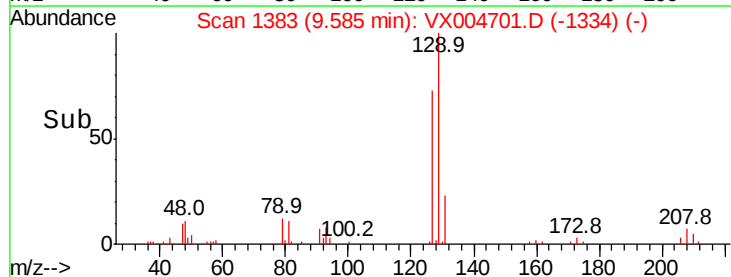
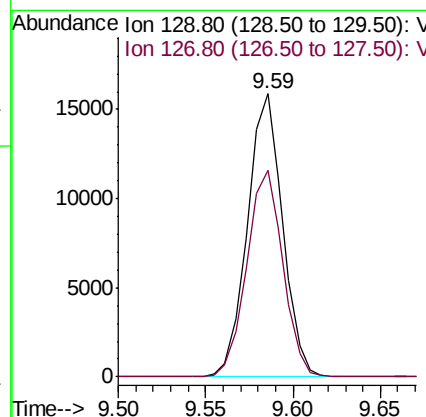
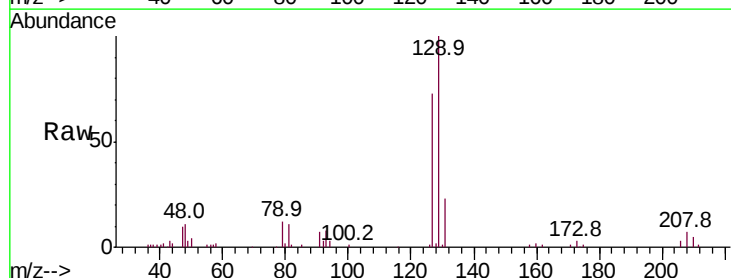
Instrument :
MSVOA_X
ClientSampled :

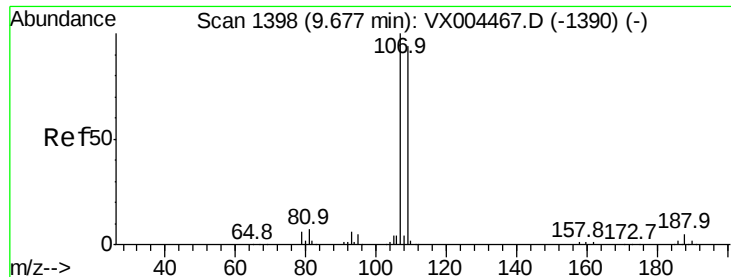
Tot Ion: 43 Resp: 184339
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.0



#60
Dibromochloromethane
Concen: 16.903 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 129 Resp: 22181
Ion Ratio Lower Upper
129 100
127 74.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.989 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

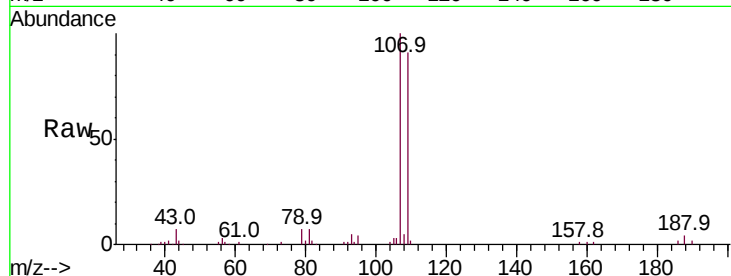
ClientSampled :

Tot Ion:107 Resp: 25284

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

9.67

20000

15000

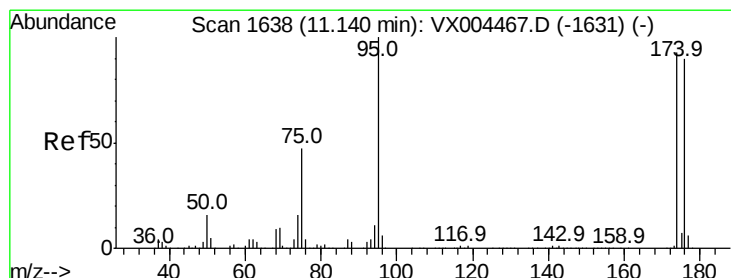
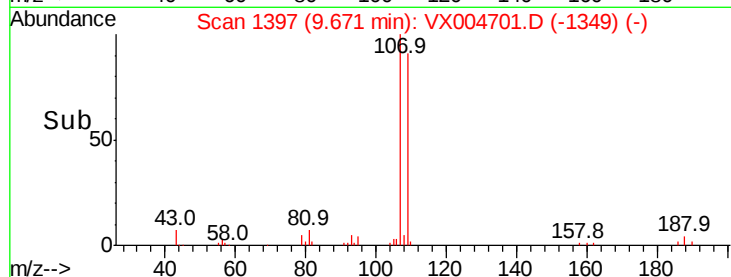
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 42.327 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

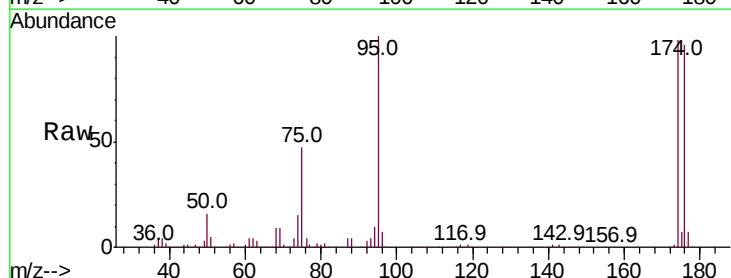
Tgt Ion: 95 Resp: 70722

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.2

176 92.2 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

60000

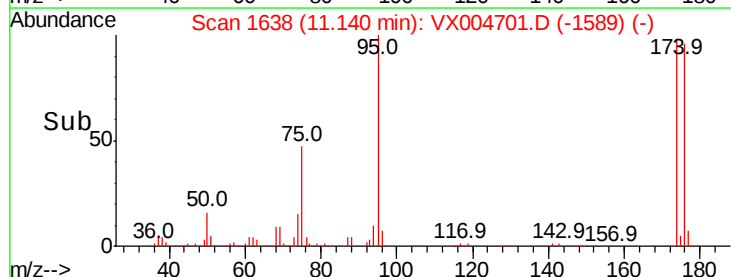
40000

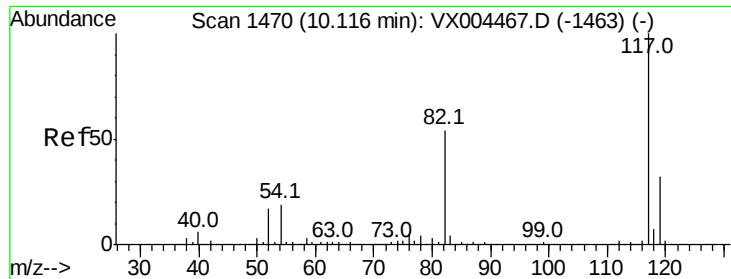
20000

0

Time-->

11.10 11.15 11.20

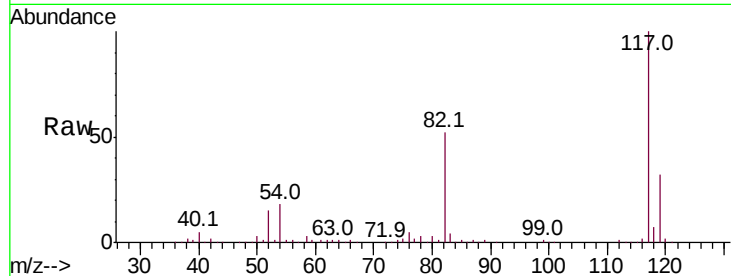




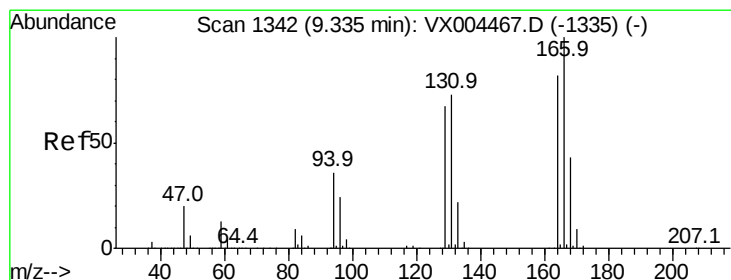
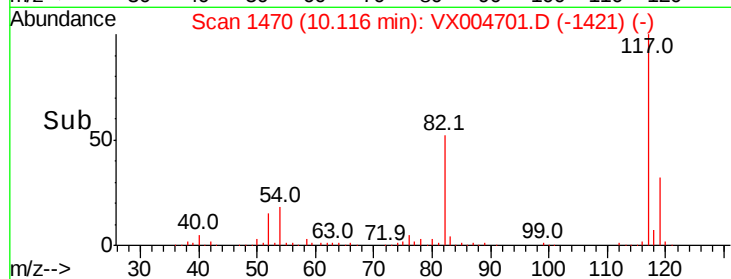
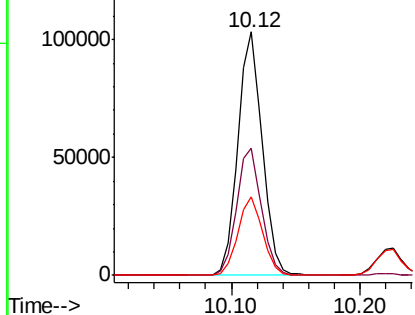
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 135723
Ion Ratio Lower Upper
117 100
82 52.3 47.8 71.6
119 32.3 29.3 43.9

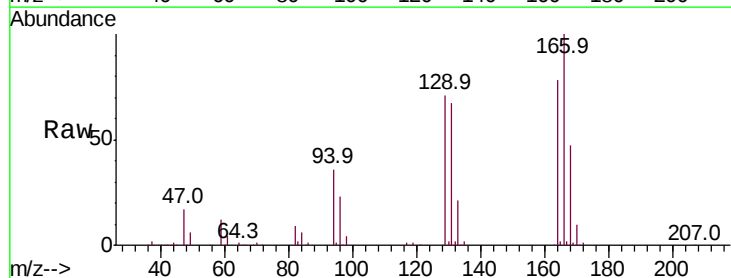


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

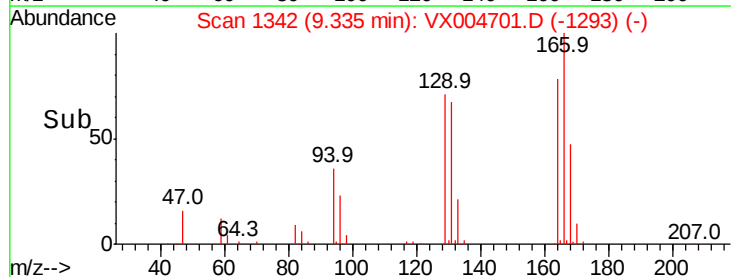
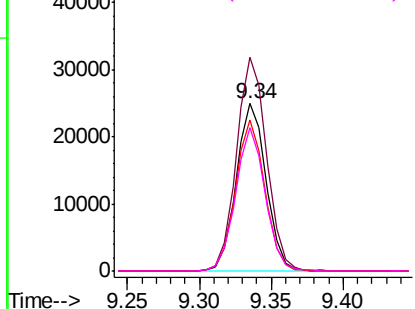


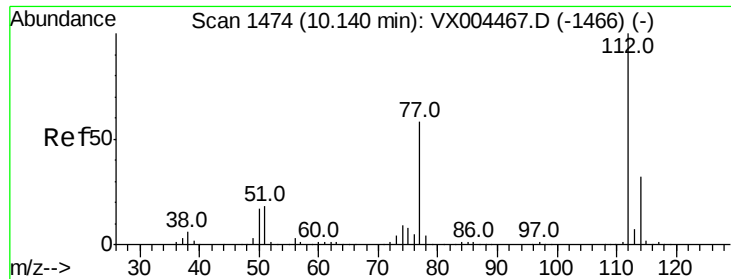
#64
Tetrachloroethene
Concen: 21.087 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:164 Resp: 35733
Ion Ratio Lower Upper
164 100
166 127.6 102.8 154.2
129 90.1 69.4 104.0
131 85.4 67.9 101.9



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

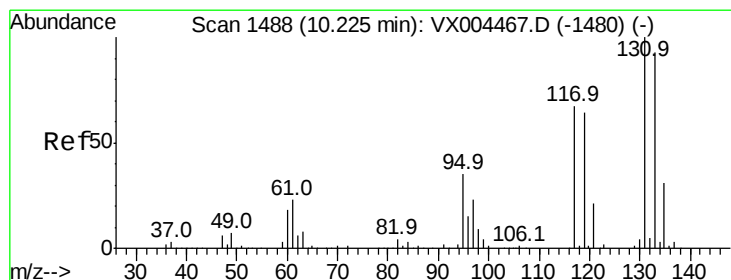
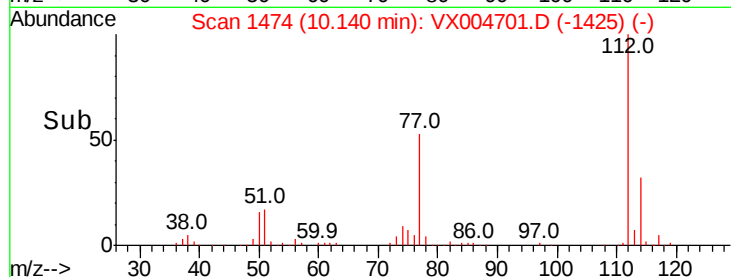
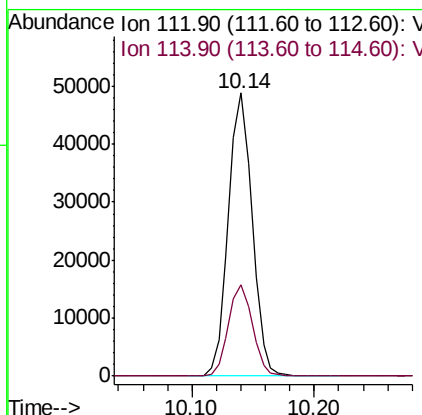
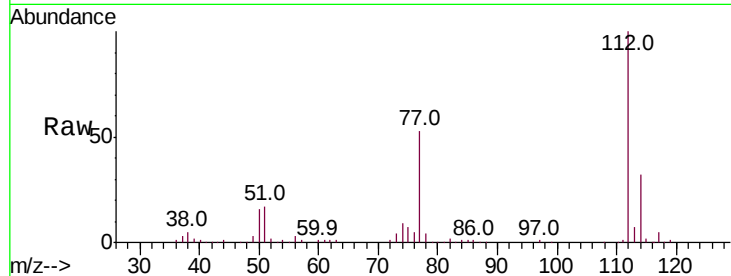




#65
Chlorobenzene
Concen: 19.526 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

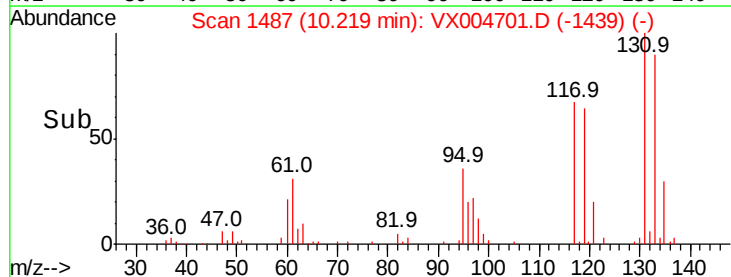
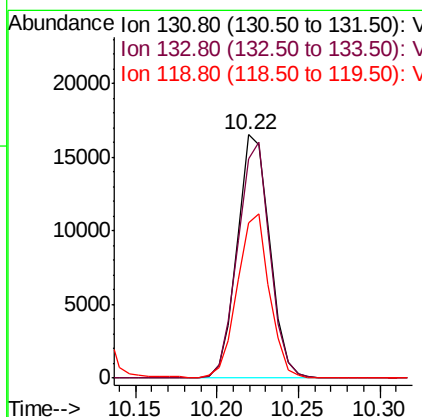
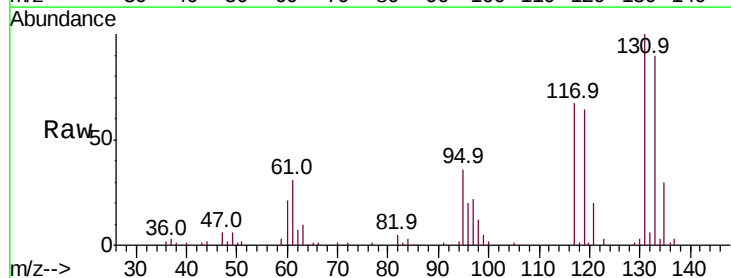
Instrument :
MSVOA_X
ClientSampleId :

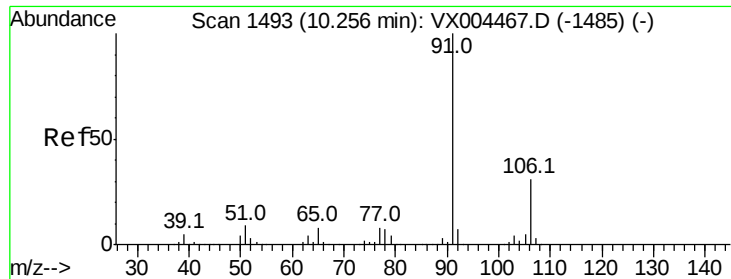
Tot Ion:112 Resp: 65828
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:131 Resp: 22974
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 66.7 32.9 98.6

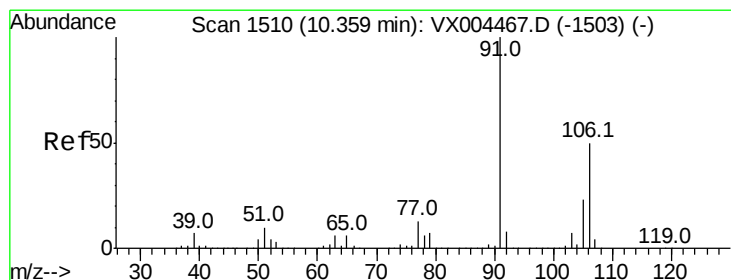
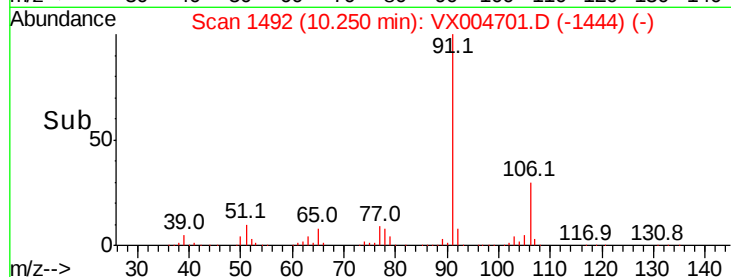
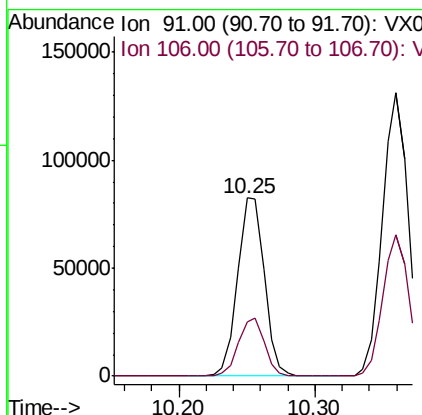
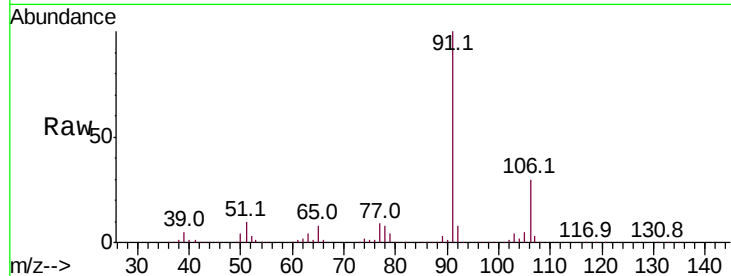




#67
Ethyl Benzene
Concen: 20.744 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

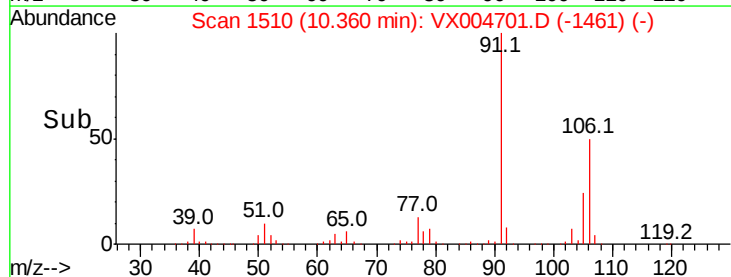
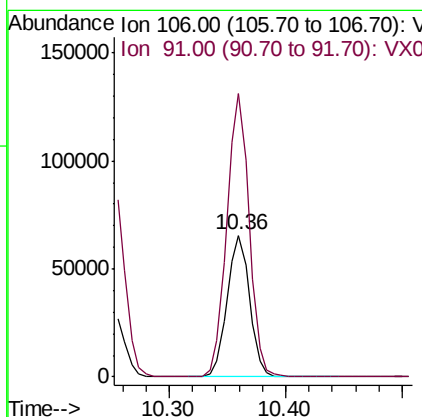
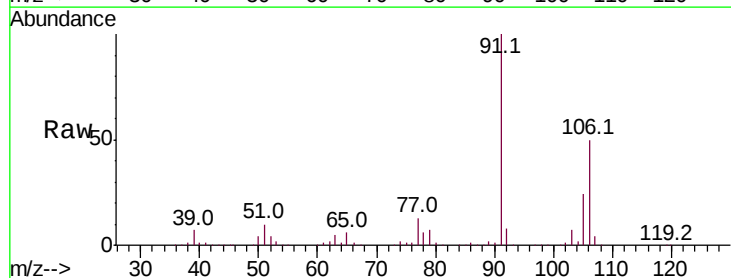
Instrument :
MSVOA_X
ClientSampleId :

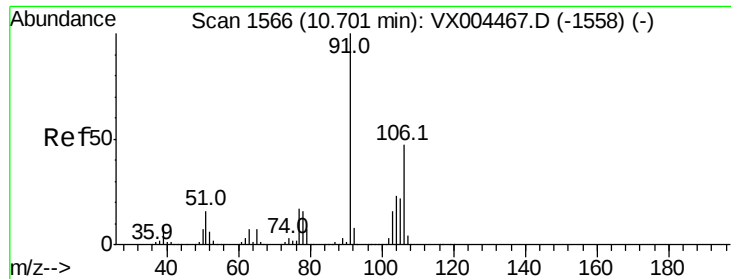
Tot Ion: 91 Resp: 113716
Ion Ratio Lower Upper
91 100
106 30.2 25.9 38.9



#68
m/p-Xylenes
Concen: 41.824 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:106 Resp: 88316
Ion Ratio Lower Upper
106 100
91 197.6 157.1 235.7

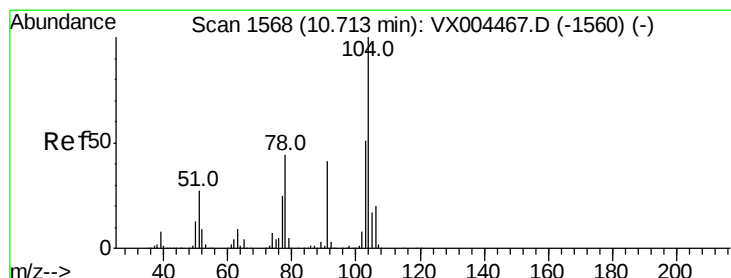
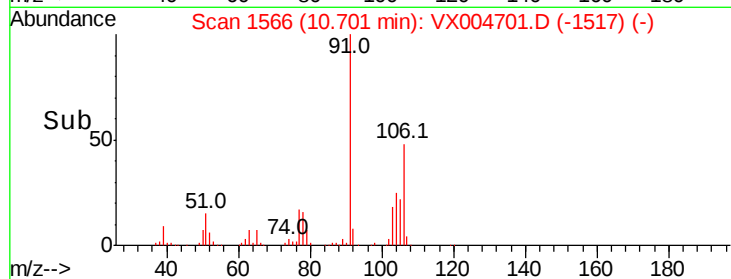
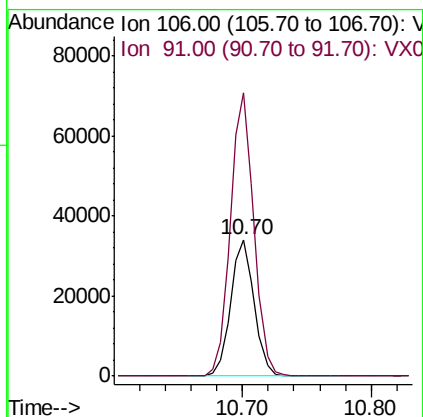
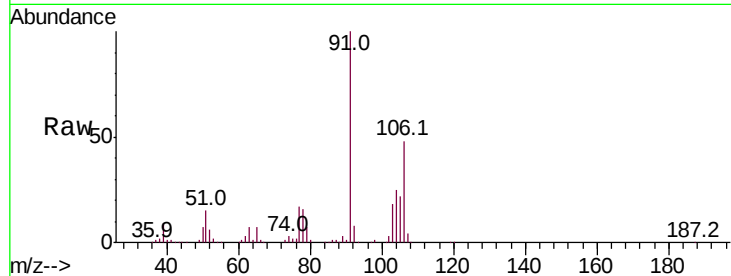




#69
o-Xylene
Concen: 21.416 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

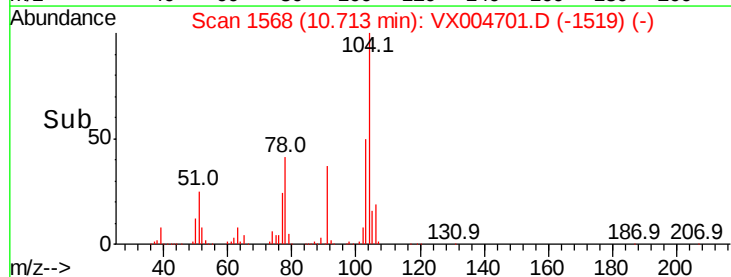
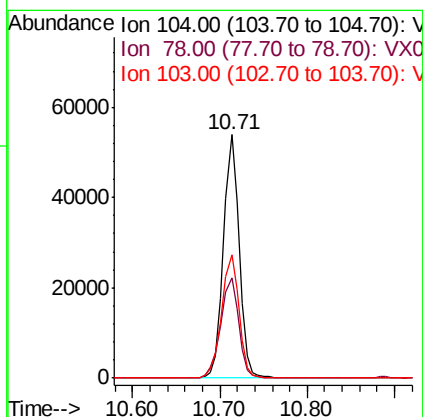
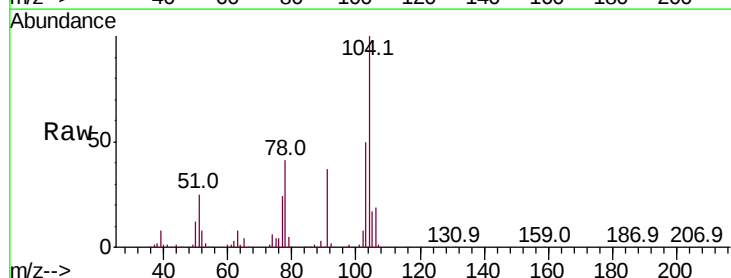
Instrument :
MSVOA_X
ClientSampled :

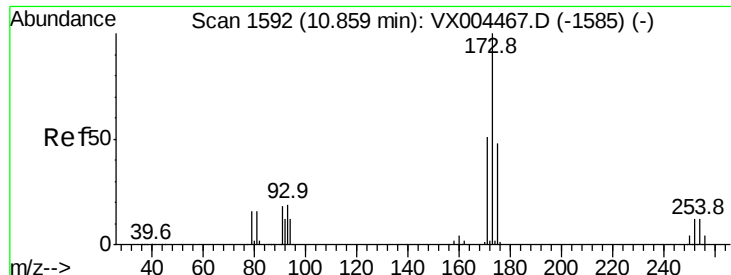
Tot Ion:106 Resp: 43476
Ion Ratio Lower Upper
106 100
91 206.6 105.1 315.1



#70
Styrene
Concen: 19.829 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:104 Resp: 66689
Ion Ratio Lower Upper
104 100
78 47.4 37.4 56.0
103 55.9 43.8 65.6

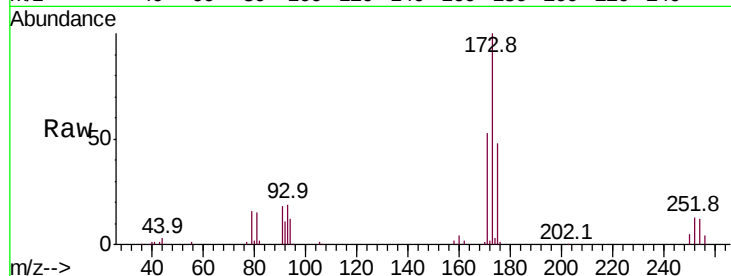




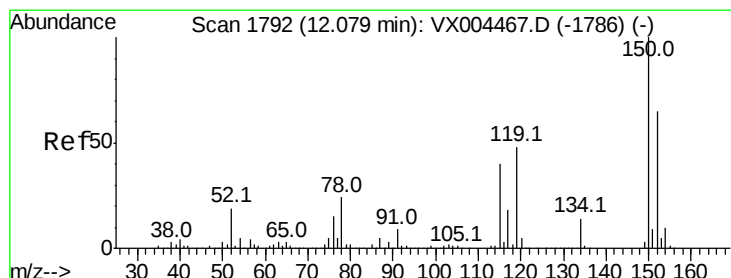
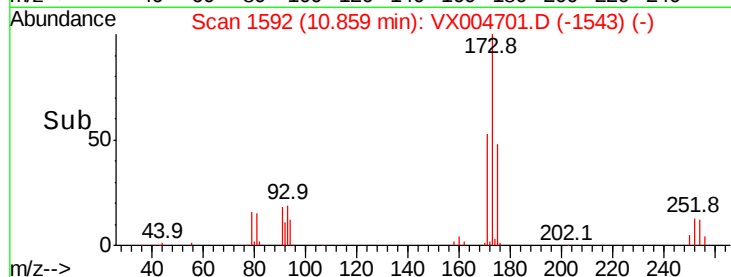
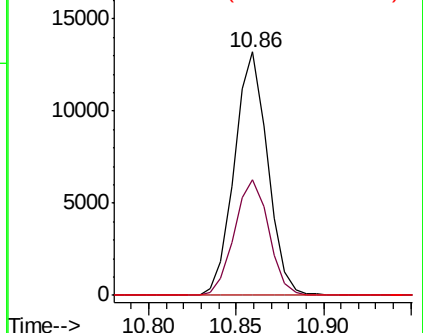
#71
Bromoform
Concen: 18.234 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 17406
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.0 0.2 0.2#

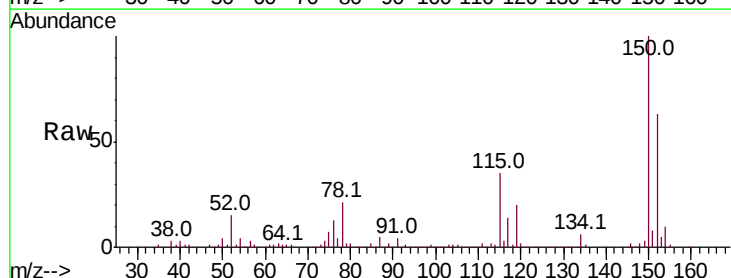


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

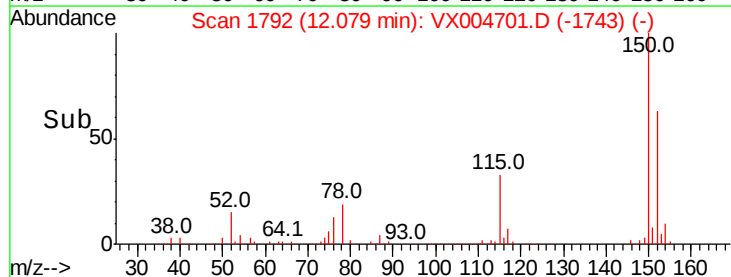
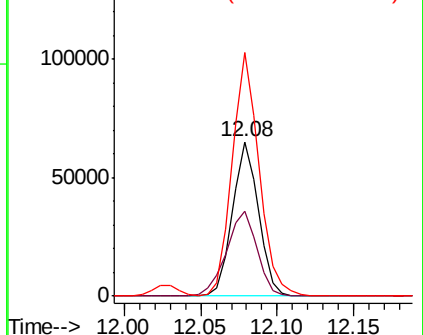


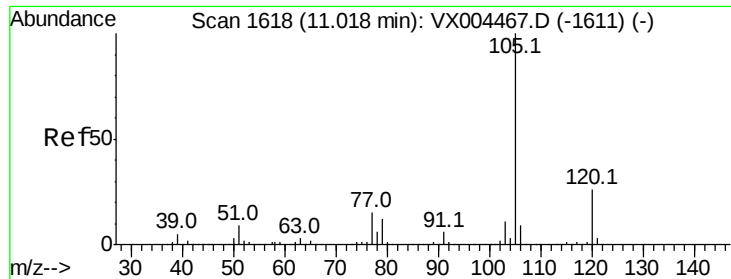
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:152 Resp: 76530
Ion Ratio Lower Upper
152 100
115 65.2 39.0 117.0
150 164.4 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: 28.171 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

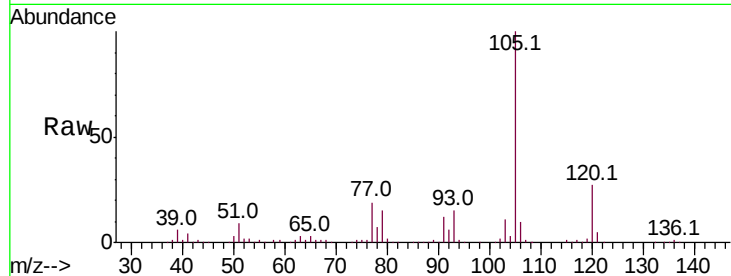
ClientSampled :

Tot Ion:105 Resp: 141985

Ion Ratio Lower Upper

105 100

120 24.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

60000

40000

20000

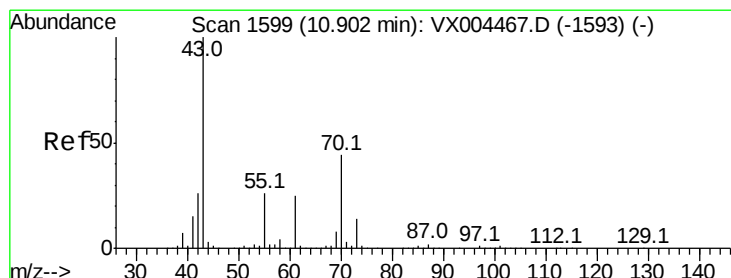
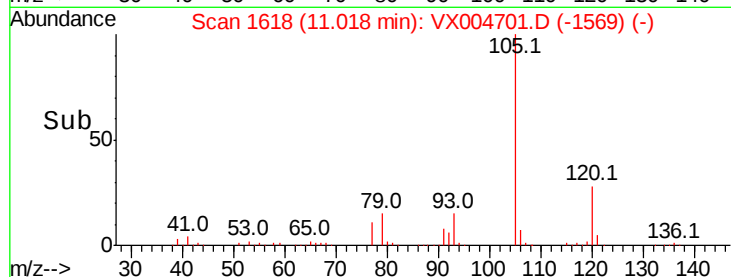
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 22.194 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Tgt Ion: 43 Resp: 47084

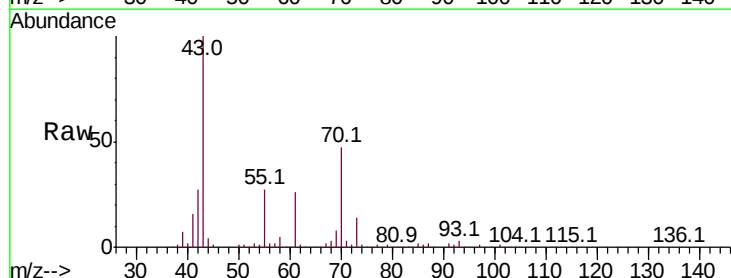
Ion Ratio Lower Upper

43 100

70 44.8 37.4 56.0

55 27.5 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

10.90

40000

30000

20000

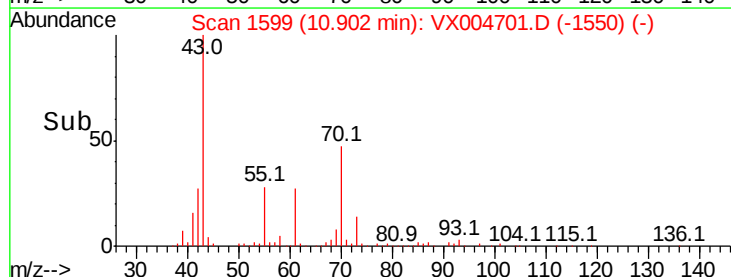
10000

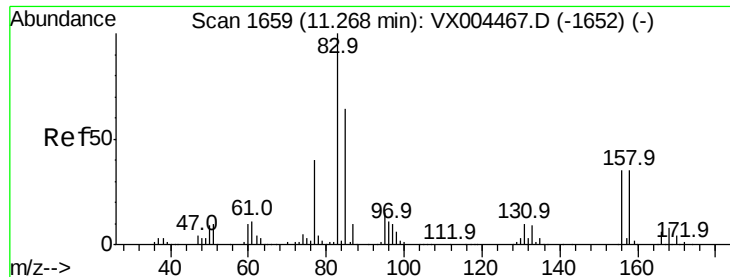
0

Time-->

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.731 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

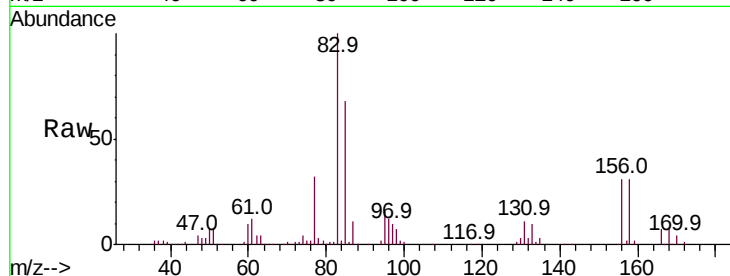
Tot Ion: 83 Resp: 35330

Ion Ratio Lower Upper

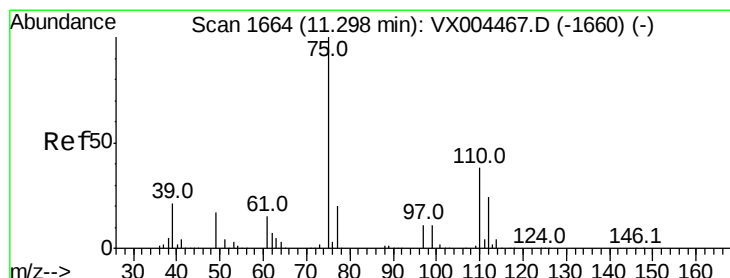
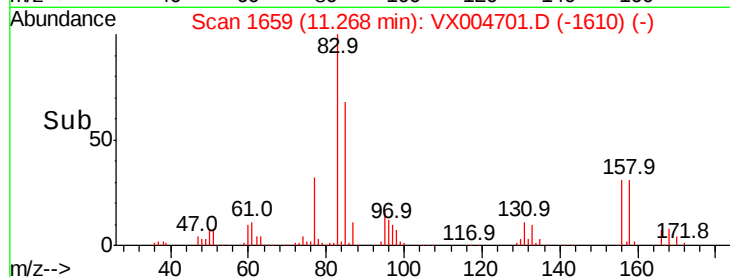
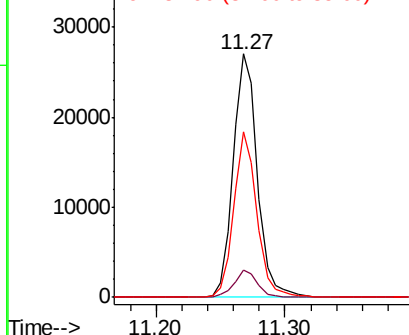
83 100

131 10.8 5.2 15.6

85 65.1 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: 31.032 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004701.D

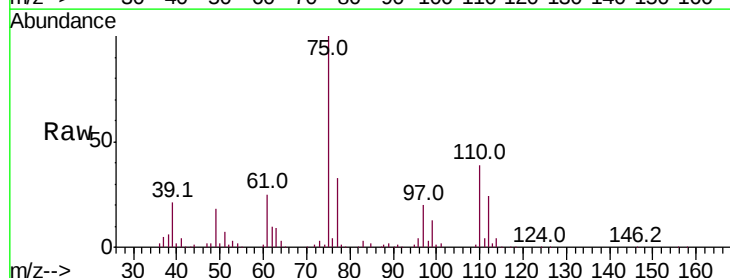
Acq: 19 Sep 2018 13:12

Tgt Ion: 75 Resp: 47781

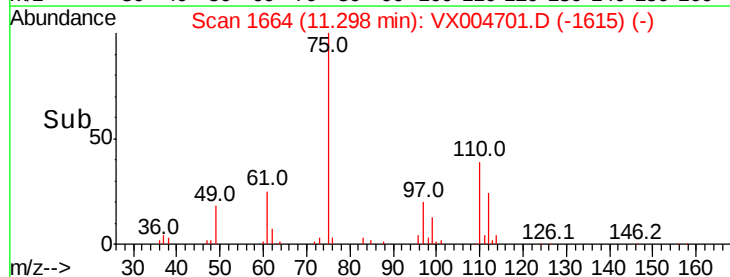
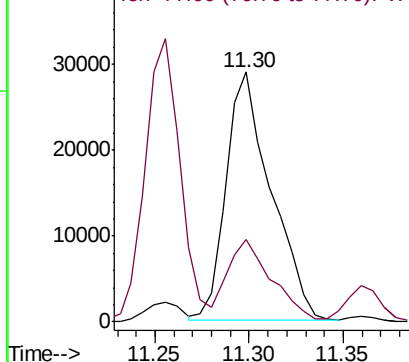
Ion Ratio Lower Upper

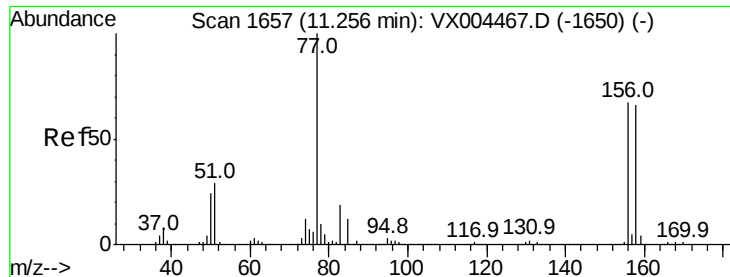
75 100

77 32.4 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: 21.435 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

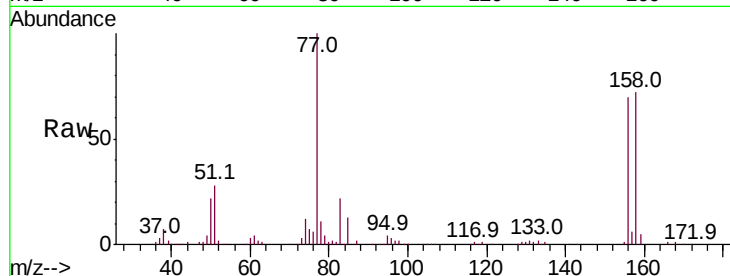
Tot Ion:156 Resp: 29862

Ion Ratio Lower Upper

156 100

77 145.0 71.5 214.3

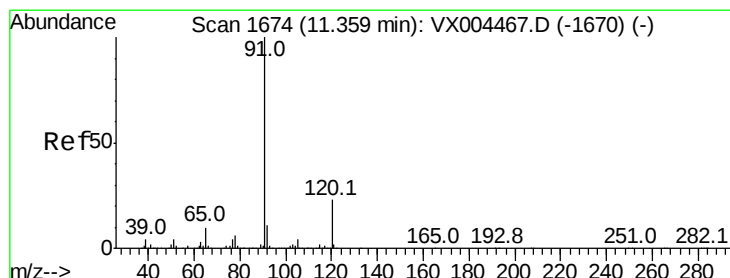
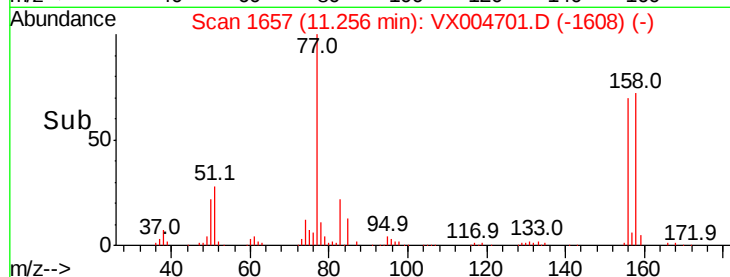
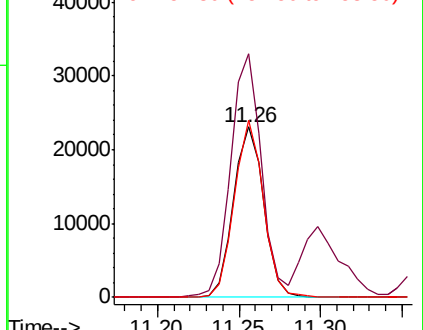
158 99.3 48.9 146.8



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: 23.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004701.D

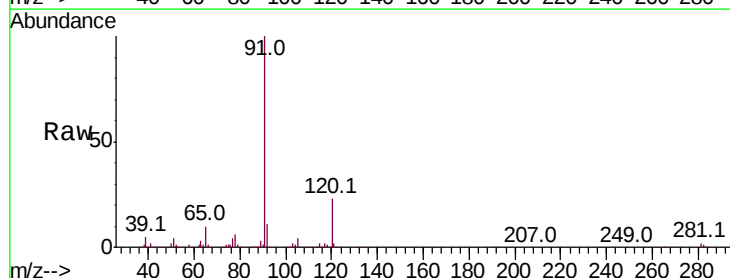
Acq: 19 Sep 2018 13:12

Tgt Ion: 91 Resp: 134509

Ion Ratio Lower Upper

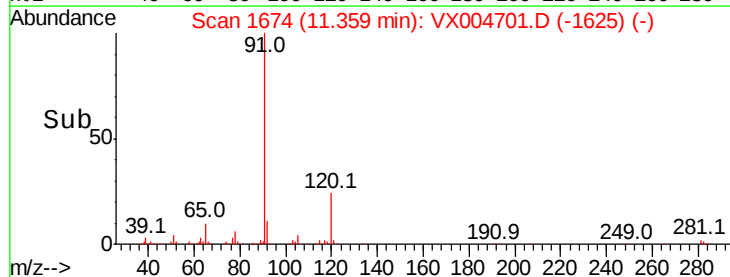
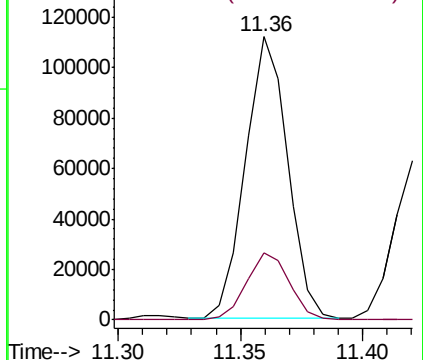
91 100

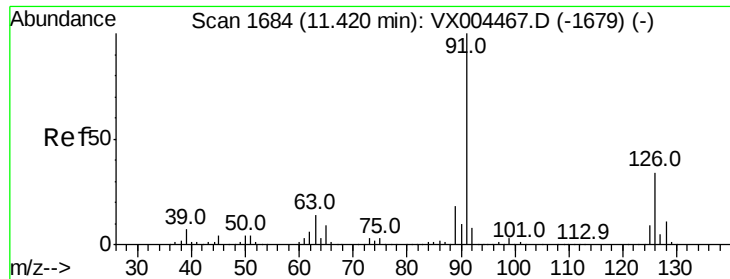
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

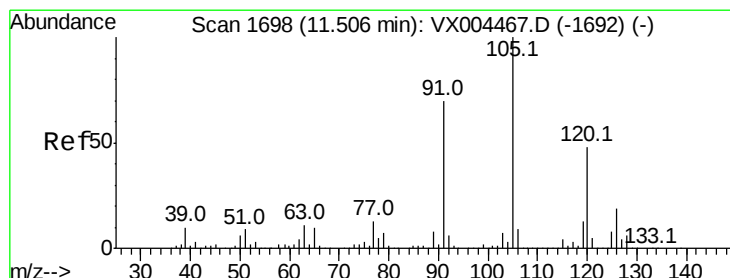
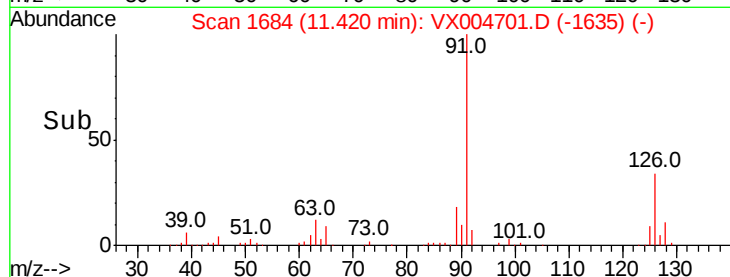
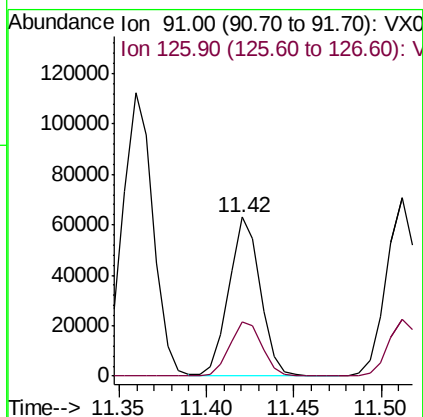
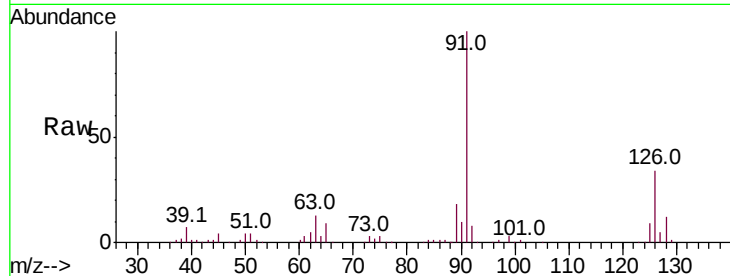




#79
 2-Chlorotoluene
 Concen: 22.186 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

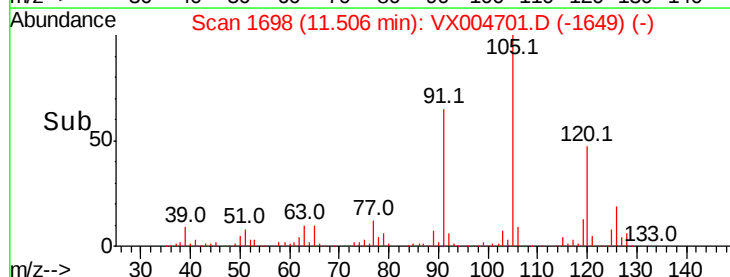
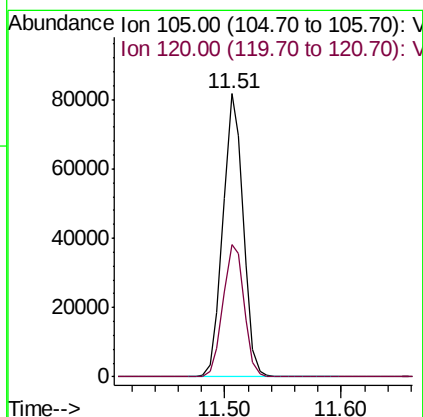
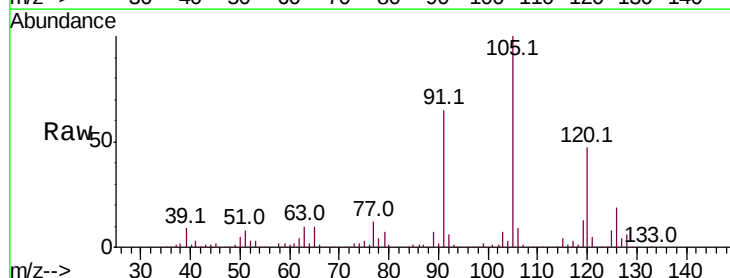
Instrument :
 MSVOA_X
 ClientSampled :

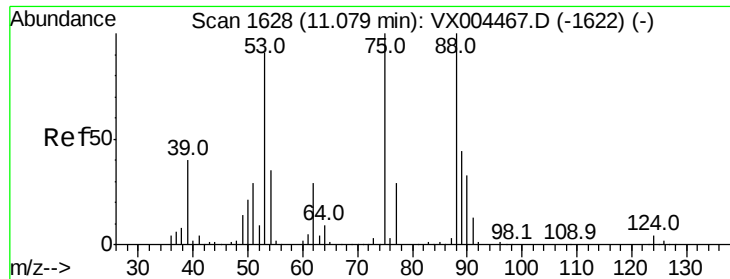
Tot Ion: 91 Resp: 77978
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 23.182 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion:105 Resp: 98223
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.109 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

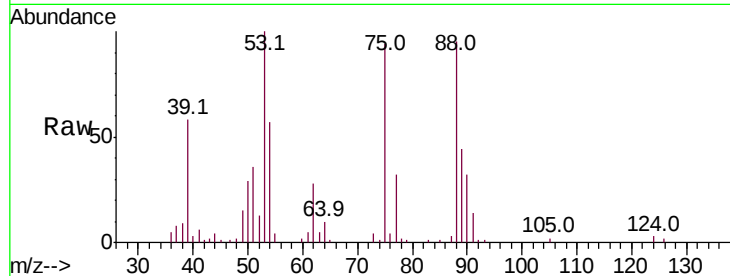
Tot Ion: 75 Resp: 10680

Ion Ratio Lower Upper

75 100

53 105.7 80.1 120.1

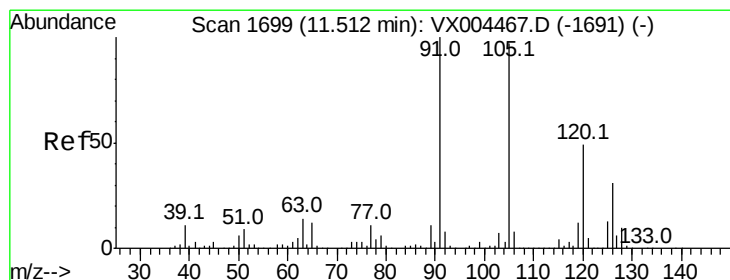
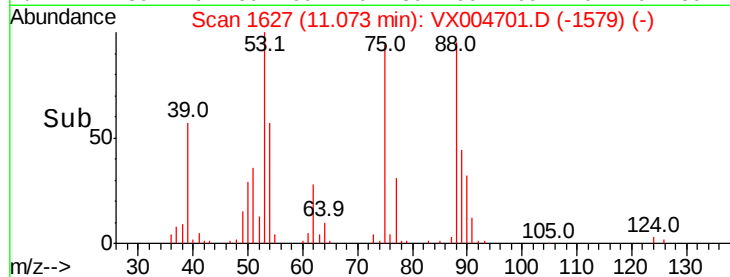
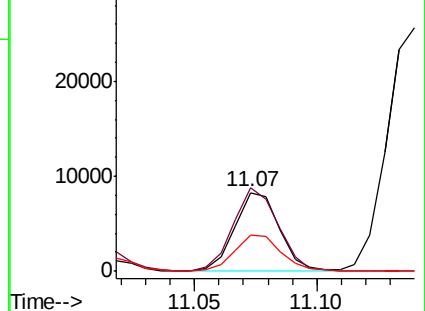
89 48.4 37.2 55.8



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: 21.399 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004701.D

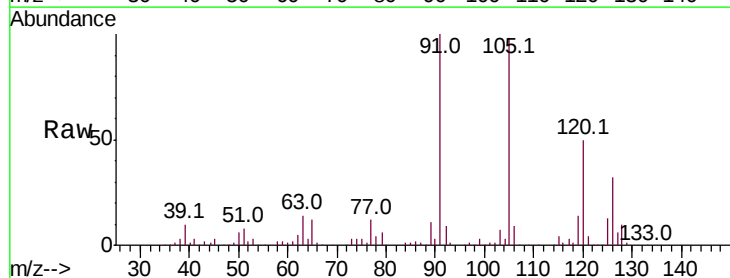
Acq: 19 Sep 2018 13:12

Tgt Ion: 91 Resp: 87784

Ion Ratio Lower Upper

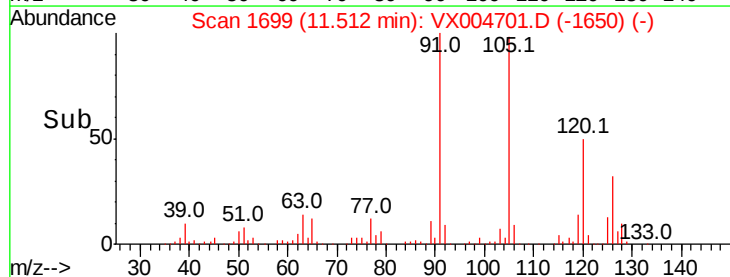
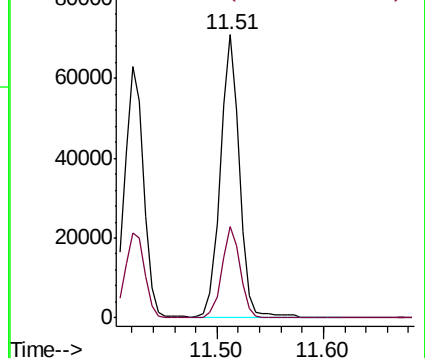
91 100

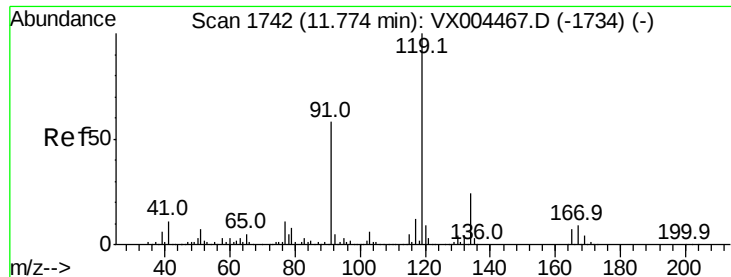
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 24.241 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

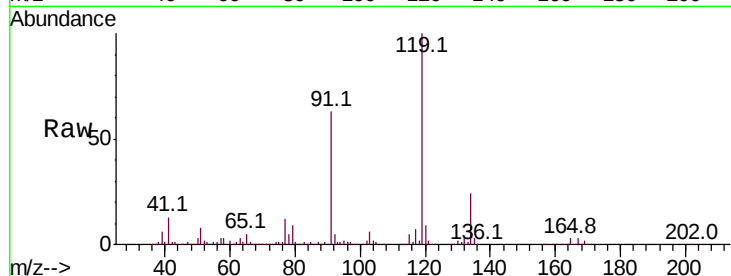
Tot Ion:119 Resp: 97786

Ion Ratio Lower Upper

119 100

91 58.7 27.0 81.0

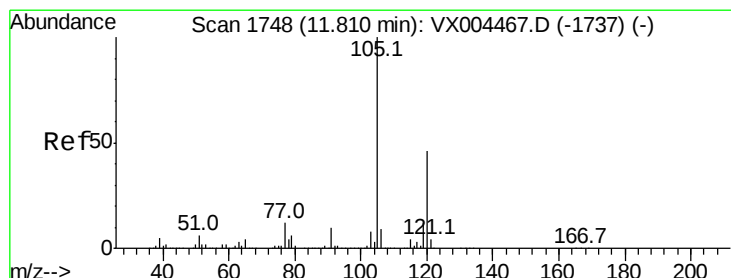
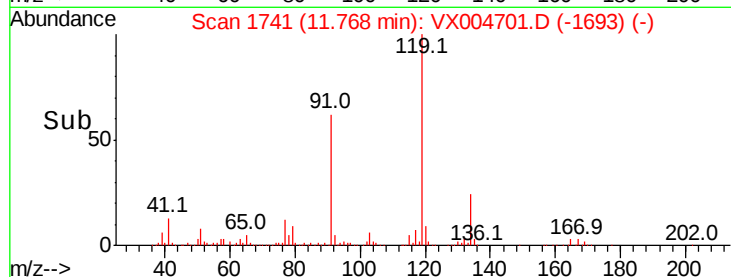
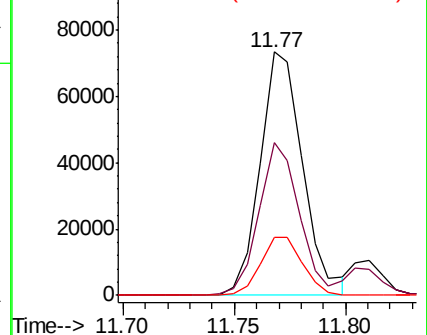
134 24.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.892 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004701.D

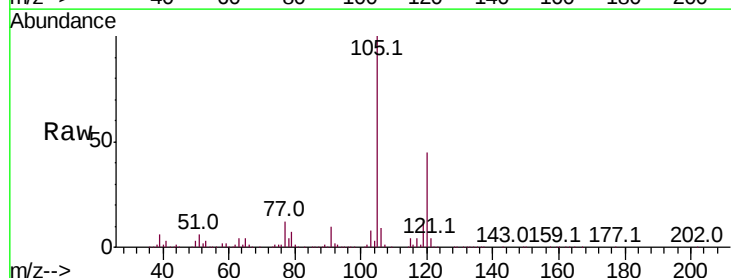
Acq: 19 Sep 2018 13:12

Tgt Ion:105 Resp: 99030

Ion Ratio Lower Upper

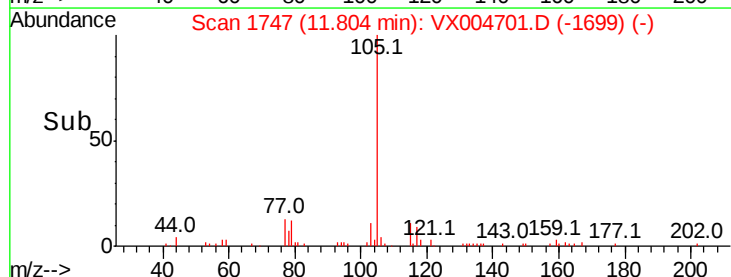
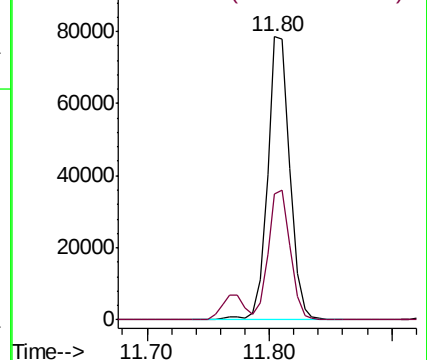
105 100

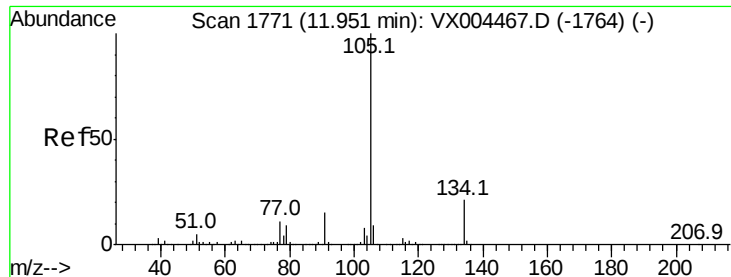
120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

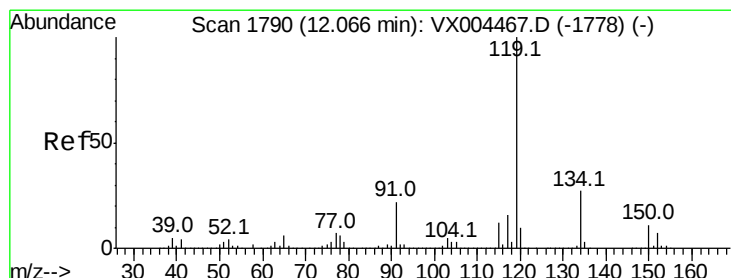
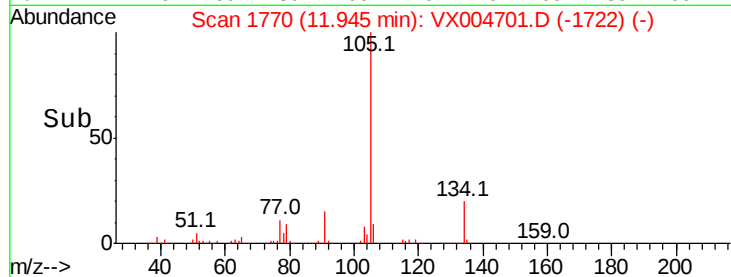
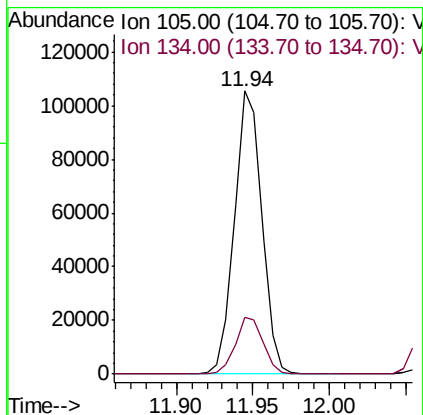
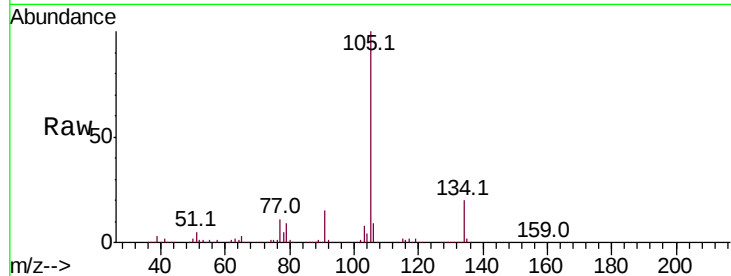




#85
 sec-Butylbenzene
 Concen: 25.351 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

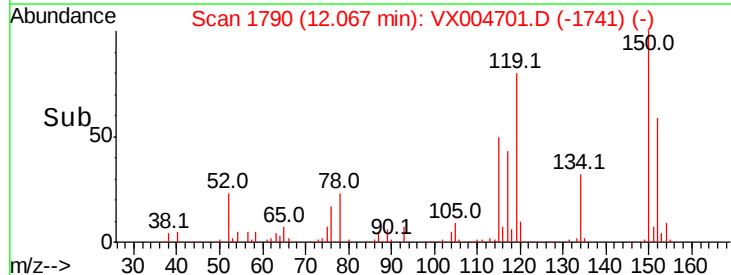
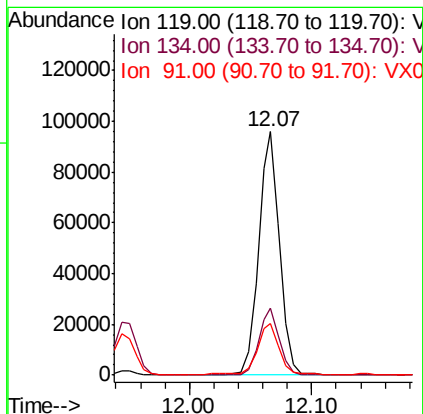
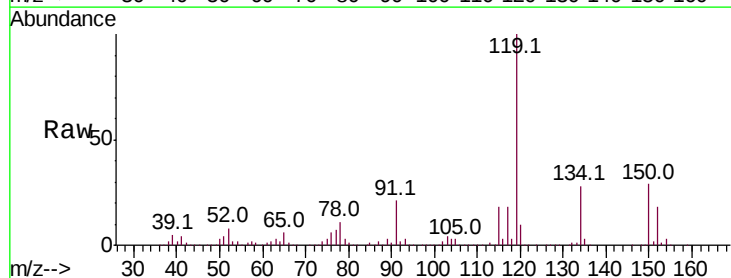
Instrument :
 MSVOA_X
 ClientSampleId :

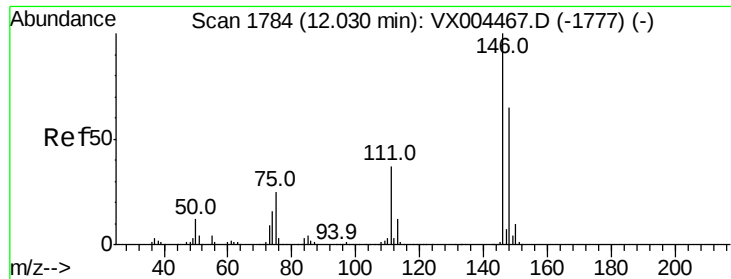
Tot Ion:105 Resp: 130313
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 25.061 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004701.D
 Acq: 19 Sep 2018 13:12

Tgt Ion:119 Resp: 113760
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 21.9 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 20.638 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

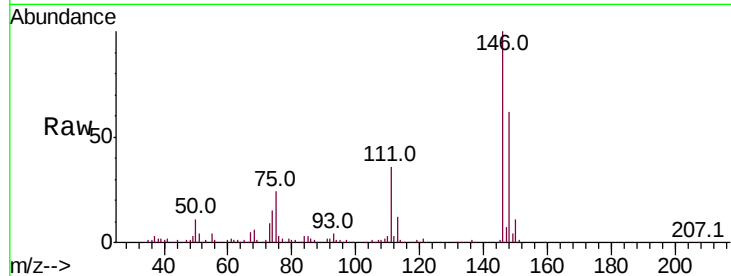
Tot Ion:146 Resp: 53642

Ion Ratio Lower Upper

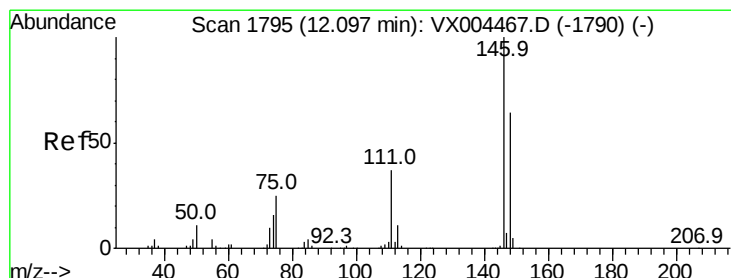
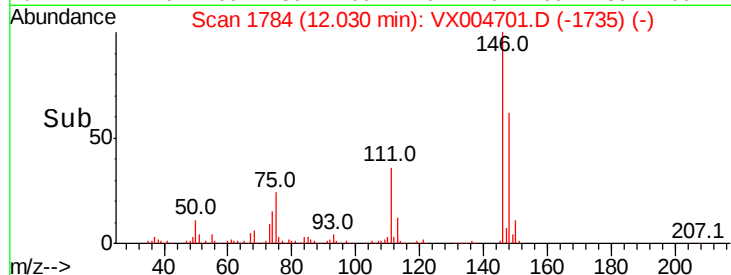
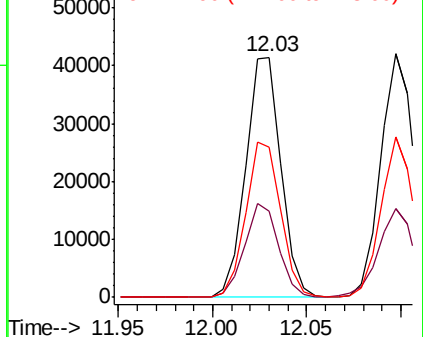
146 100

111 37.8 18.7 56.1

148 64.2 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 19.700 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

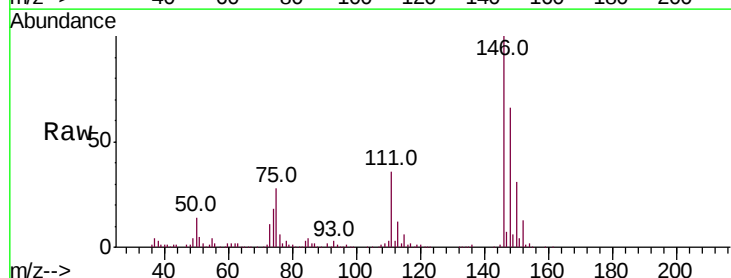
Tgt Ion:146 Resp: 52909

Ion Ratio Lower Upper

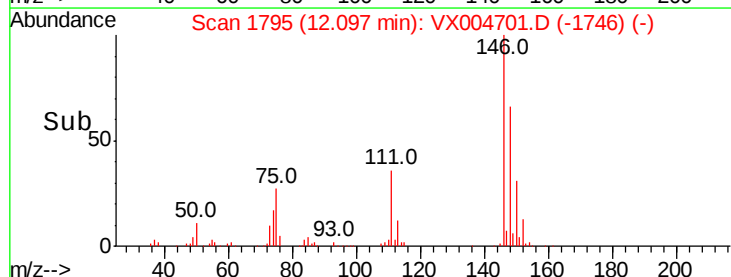
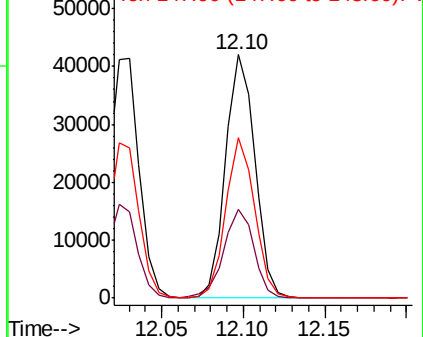
146 100

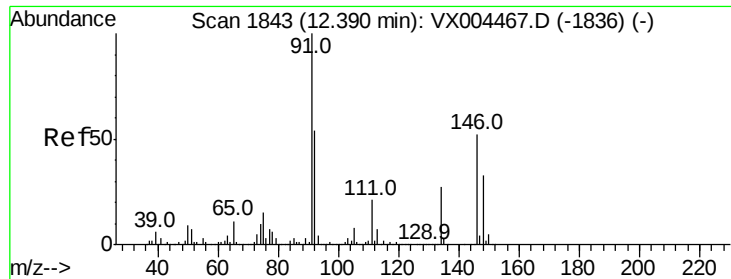
111 37.6 18.1 54.1

148 64.9 32.0 96.0



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

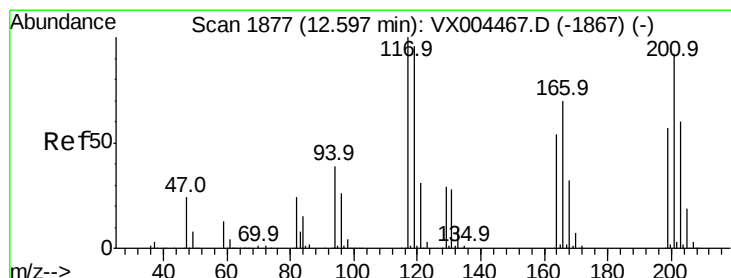
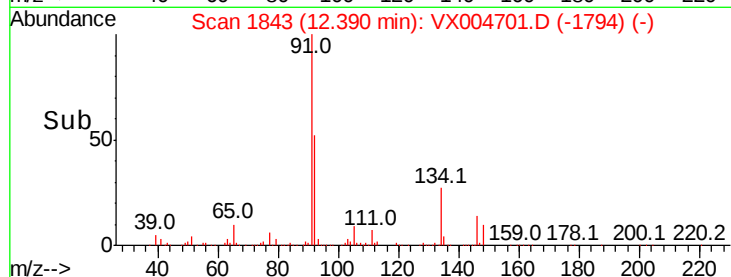
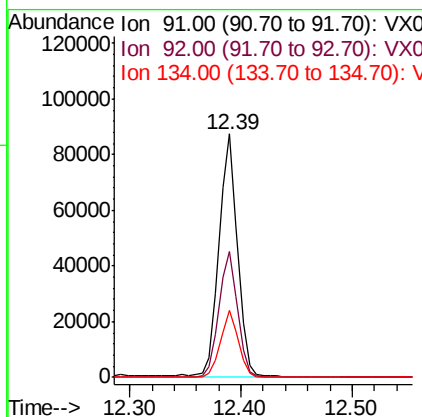
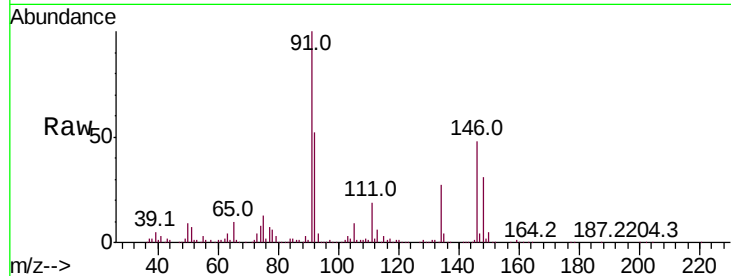




#89
n-Butylbenzene
Concen: 24.170 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

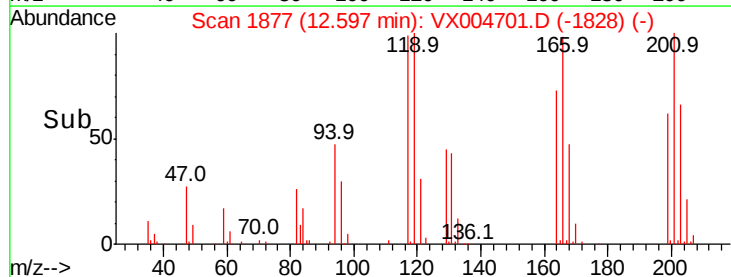
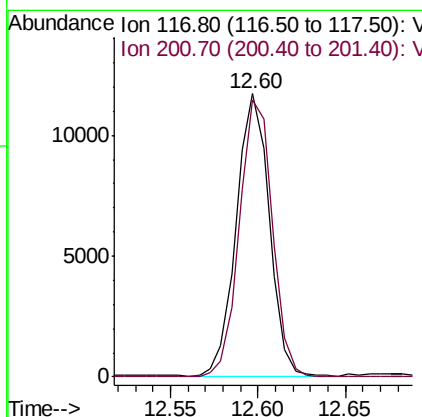
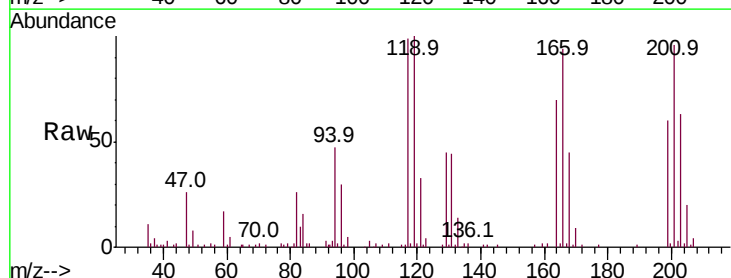
Instrument :
MSVOA_X
ClientSampleId :

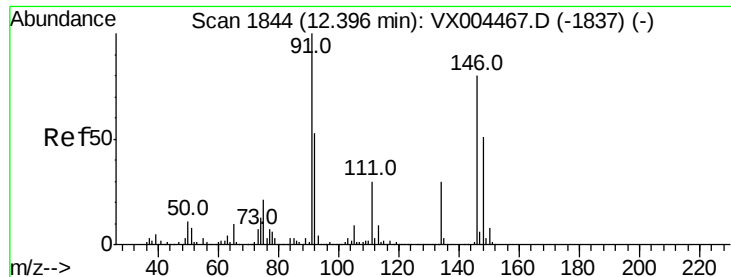
Tot Ion: 91 Resp: 99980
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 21.321 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion: 117 Resp: 15494
Ion Ratio Lower Upper
117 100
201 96.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.011 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

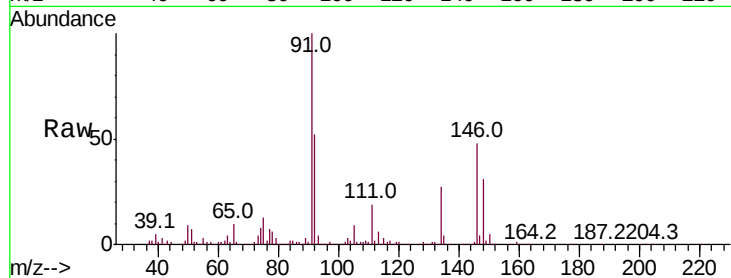
Tot Ion:146 Resp: 55275

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.1

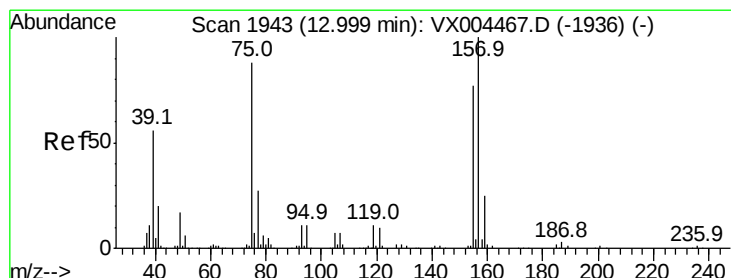
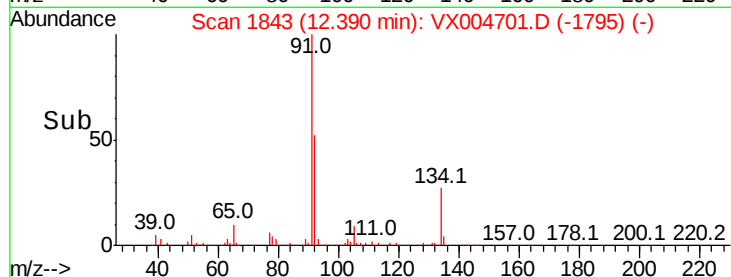
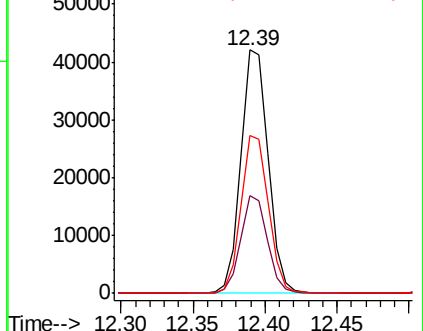
148 65.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 28.874 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

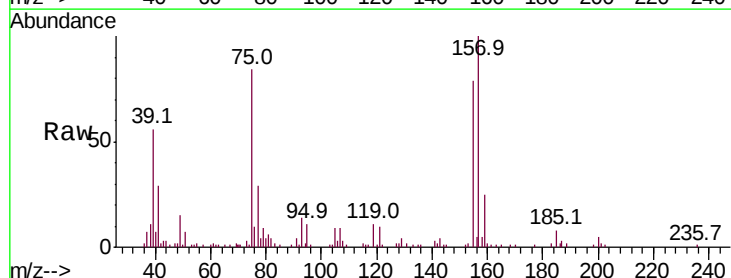
Tgt Ion: 75 Resp: 10023

Ion Ratio Lower Upper

75 100

155 115.7 48.0 144.2

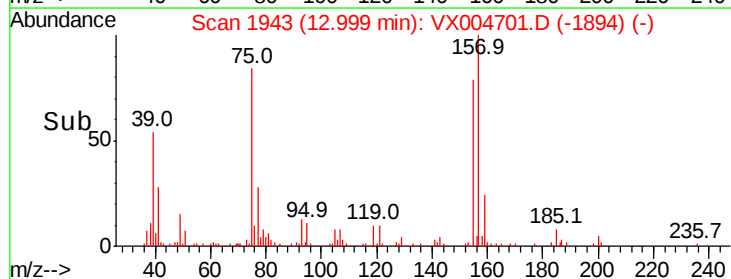
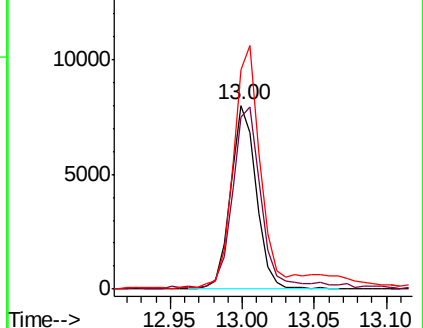
157 142.4 61.4 184.1

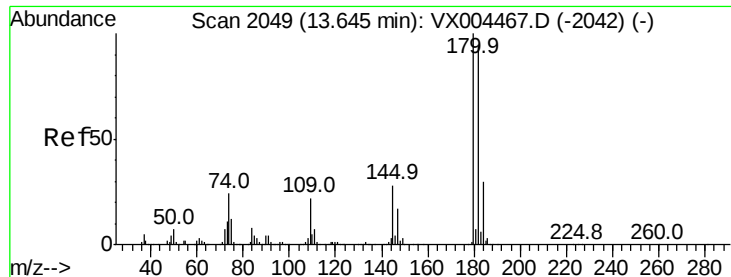


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.668 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

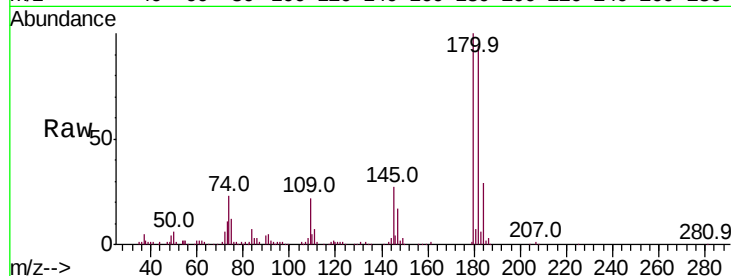
Tot Ion:180 Resp: 36637

Ion Ratio Lower Upper

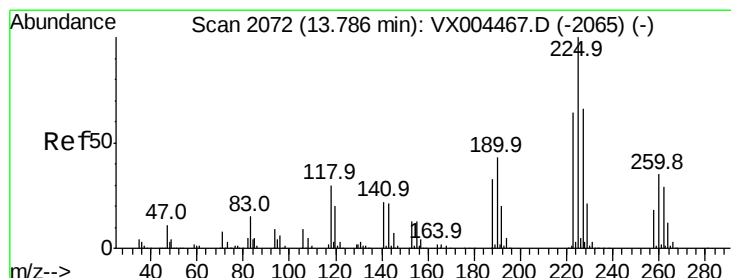
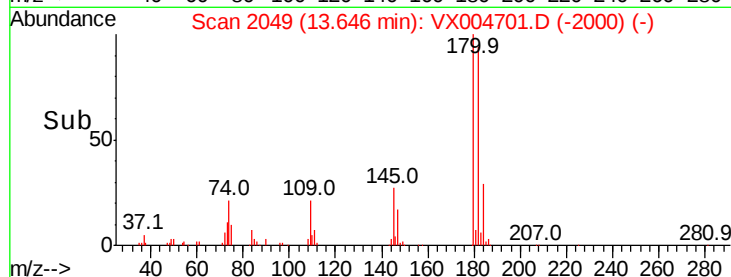
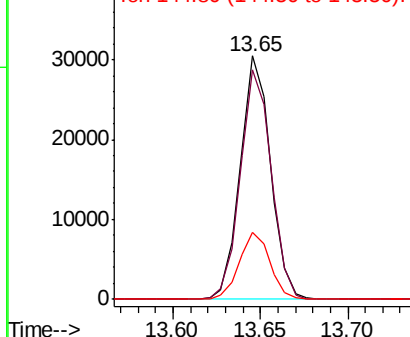
180 100

182 96.3 48.4 145.0

145 28.1 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: 26.693 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX004701.D

Acq: 19 Sep 2018 13:12

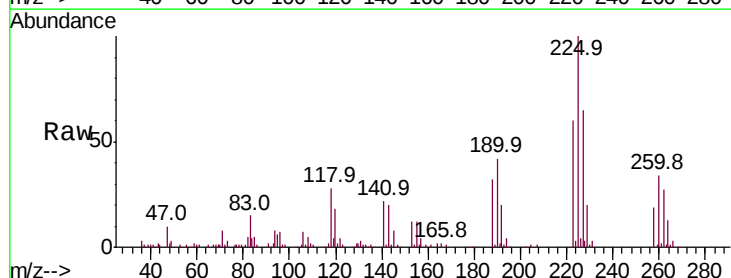
Tgt Ion:225 Resp: 25973

Ion Ratio Lower Upper

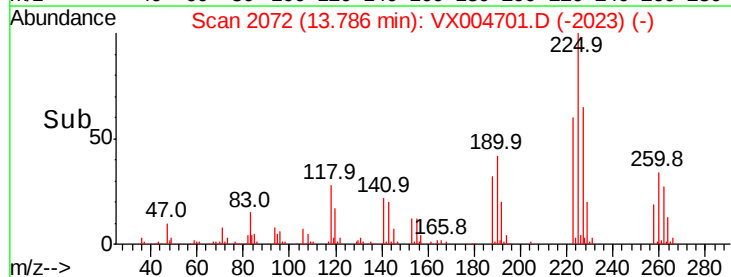
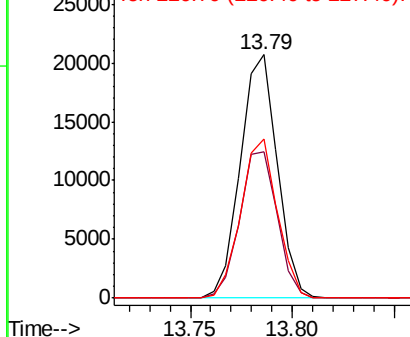
225 100

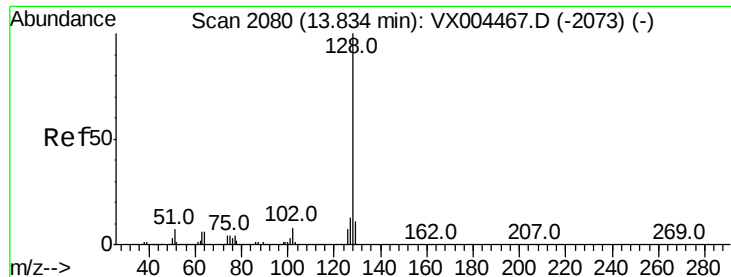
223 61.4 30.1 90.5

227 64.7 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

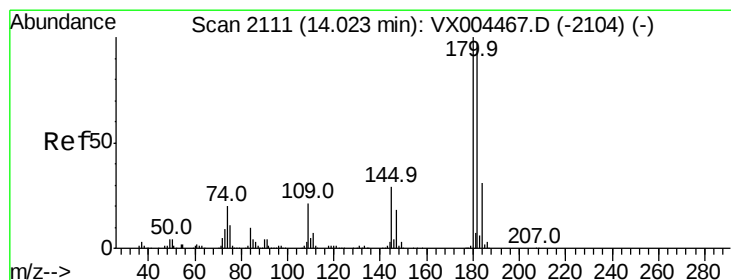
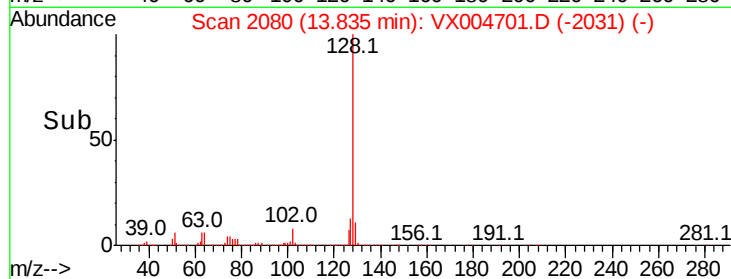
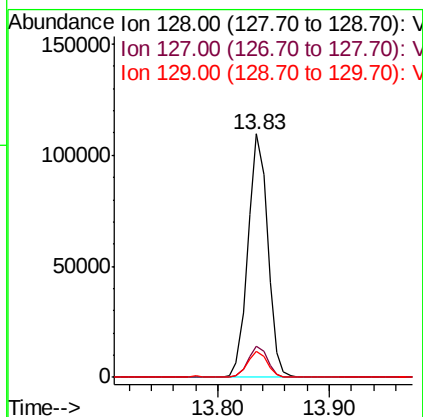
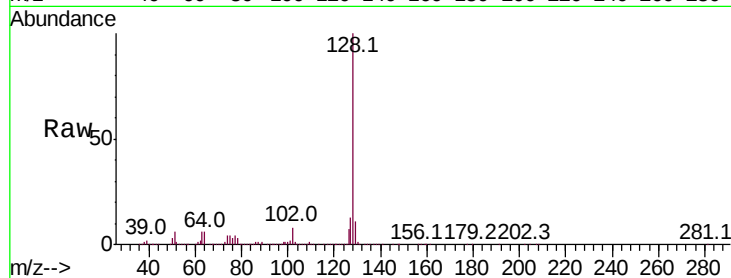




#95
Naphthalene
Concen: 25.922 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 135435
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.495 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004701.D
Acq: 19 Sep 2018 13:12

Tgt Ion:180 Resp: 39223
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.6
145 29.8 14.9 44.9

