

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091918\
 Data File : VX004699.D
 Acq On : 19 Sep 2018 12:19
 Operator : JC/MD
 Sample : VX0919MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Quant Time: Sep 19 16:48:28 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	241642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132105	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
35) Dibromofluoromethane	5.50	113	129740	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
50) Toluene-d8	8.71	98	438525	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.14	95	157684	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45393	20.044	ug/l	97
3) Chloromethane	1.32	50	60194	19.313	ug/l	94
4) Vinyl Chloride	1.40	62	67060	20.964	ug/l	96
5) Bromomethane	1.64	94	32631	23.742	ug/l	99
6) Chloroethane	1.72	64	41302	19.966	ug/l	97
7) Trichlorofluoromethane	1.93	101	85001	20.044	ug/l	90
8) Diethyl Ether	2.19	74	39142	20.589	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54635	20.309	ug/l	97
10) Methyl Iodide	2.51	142	55439	20.029	ug/l	96
11) Tert butyl alcohol	3.07	59	79985	107.584	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54042	21.404	ug/l	94
13) Acrolein	2.29	56	21287	72.534	ug/l	99
14) Allyl chloride	2.73	41	103928	20.022	ug/l	96
15) Acrylonitrile	3.15	53	176996	98.861	ug/l	98
16) Acetone	2.45	43	144816	95.228	ug/l	93
17) Carbon Disulfide	2.57	76	138468	18.973	ug/l	99
18) Methyl Acetate	2.78	43	94960	22.257	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	186511	21.053	ug/l	98
20) Methylene Chloride	2.85	84	63983	20.510	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	54942	19.692	ug/l	99
22) Diisopropyl ether	3.87	45	197583	21.134	ug/l	96
23) Vinyl Acetate	3.82	43	787615	104.105	ug/l	97
24) 1,1-Dichloroethane	3.69	63	106751	20.225	ug/l	98
25) 2-Butanone	4.70	43	232004	95.859	ug/l	91
26) 2,2-Dichloropropane	4.59	77	82126	22.654	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	67293	21.606	ug/l	96
28) Bromochloromethane	5.01	49	42885	17.762	ug/l	99
29) Tetrahydrofuran	5.16	42	148266	101.583	ug/l	99
30) Chloroform	5.21	83	109314	21.213	ug/l	93
31) Cyclohexane	5.57	56	92259	20.470	ug/l	# 87
32) 1,1,1-Trichloroethane	5.49	97	87713	21.134	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75793	19.668	ug/l	98
37) Ethyl Acetate	4.85	43	82959	18.928	ug/l	97
38) Carbon Tetrachloride	5.78	117	74967	19.917	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81833	20.349	ug/l	98
40) Benzene	6.15	78	224034	19.594	ug/l	98
41) Methacrylonitrile	5.06	41	47638	19.727	ug/l	98
42) 1,2-Dichloroethane	6.20	62	72184	19.035	ug/l	99
43) Isopropyl Acetate	6.46	43	118443	20.346	ug/l	98
44) Trichloroethene	7.21	130	64617	21.753	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57522	20.907	ug/l	98
46) Dibromomethane	7.66	93	35836	20.618	ug/l	97
47) Bromodichloromethane	7.90	83	67538	20.547	ug/l	100
48) Methyl methacrylate	7.77	41	59284	20.578	ug/l	98
49) 1,4-Dioxane	7.75	88	30097	441.388	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	381724	92.919	ug/l	99
52) Toluene	8.79	92	136757	20.301	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74930	19.515	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84214	21.515	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	57097	19.685	ug/l	98
56) Ethyl methacrylate	9.18	69	79933	19.480	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92124	19.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	189049	95.067	ug/l	98
59) 2-Hexanone	9.50	43	294705	93.525	ug/l	98
60) Dibromochloromethane	9.59	129	55307	20.253	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57931	20.907	ug/l	99
64) Tetrachloroethene	9.34	164	77594	20.700	ug/l	97
65) Chlorobenzene	10.14	112	155366	20.833	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	54277	21.105	ug/l	99
67) Ethyl Benzene	10.26	91	254102	20.955	ug/l	100
68) m/p-Xylenes	10.36	106	201328	43.101	ug/l	98
69) o-Xylene	10.70	106	96403	21.467	ug/l	99
70) Styrene	10.71	104	162778	21.879	ug/l	99
71) Bromoform	10.86	173	43713	20.701	ug/l	# 99
73) Isopropylbenzene	11.02	105	266457	22.238	ug/l	100
74) N-amyl acetate	10.90	43	102071	20.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73847	19.107	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95642	26.129	ug/l	86
77) Bromobenzene	11.26	156	71357	21.545	ug/l	99
78) n-propylbenzene	11.36	91	298379	21.657	ug/l	99
79) 2-Chlorotoluene	11.42	91	177295	21.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222794	22.118	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23788	20.714	ug/l	97
82) 4-Chlorotoluene	11.51	91	206936	21.219	ug/l	98
83) tert-Butylbenzene	11.77	119	209698	21.867	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	229140	22.280	ug/l	99
85) sec-Butylbenzene	11.94	105	268923	22.006	ug/l	99
86) p-Isopropyltoluene	12.07	119	241953	22.420	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	132066	21.372	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132457	20.745	ug/l	98
89) n-Butylbenzene	12.39	91	203164	20.659	ug/l	98
90) Hexachloroethane	12.60	117	36124	20.910	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	133179	21.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16952	20.541	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
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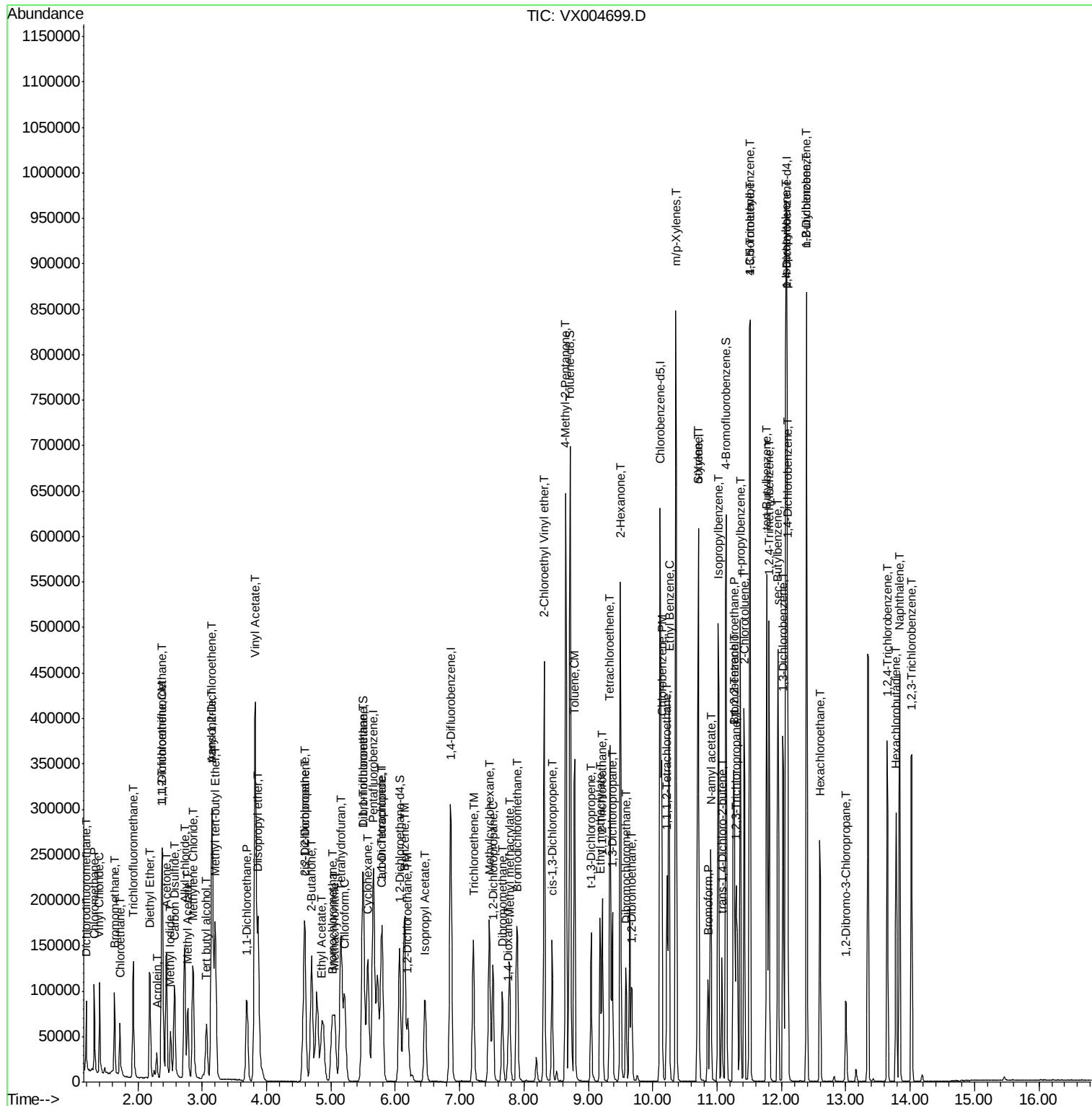
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98238	22.183	ug/l	98
94) Hexachlorobutadiene	13.79	225	50784	21.953	ug/l	97
95) Naphthalene	13.83	128	275651	22.192	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100689	22.131	ug/l	99

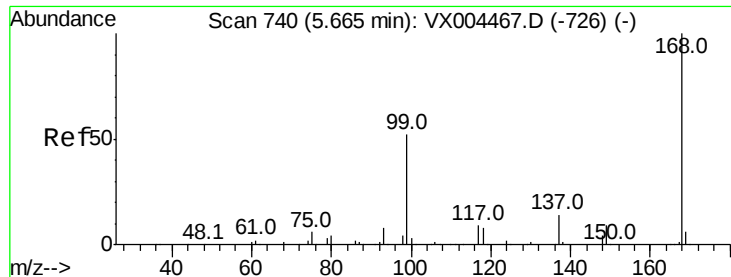
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

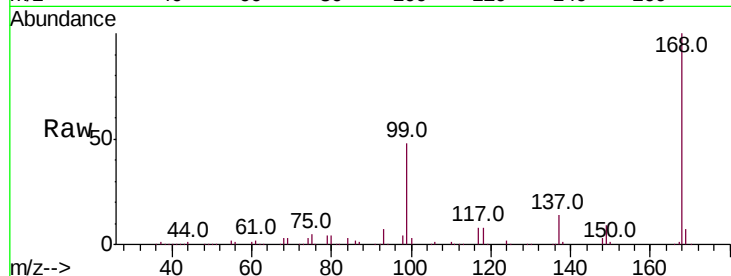
VX0919MBS01

Tot Ion:168 Resp: 241642

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

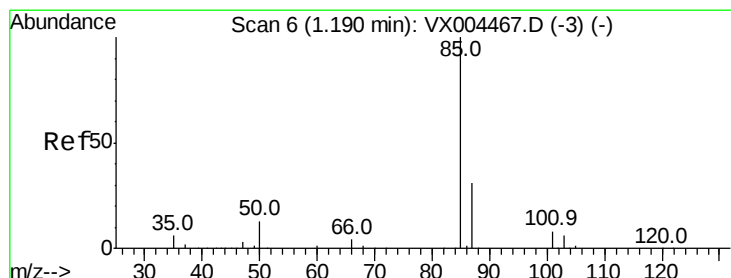
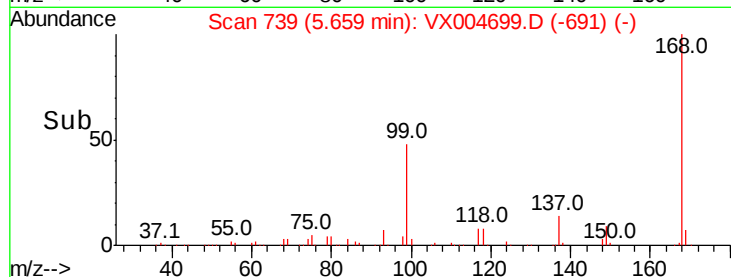
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.044 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004699.D

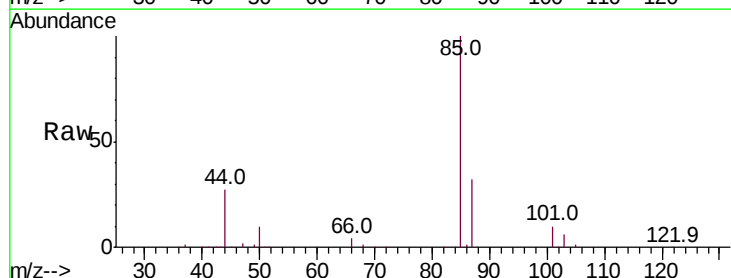
Acq: 19 Sep 2018 12:19

Tgt Ion: 85 Resp: 45393

Ion Ratio Lower Upper

85 100

87 32.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

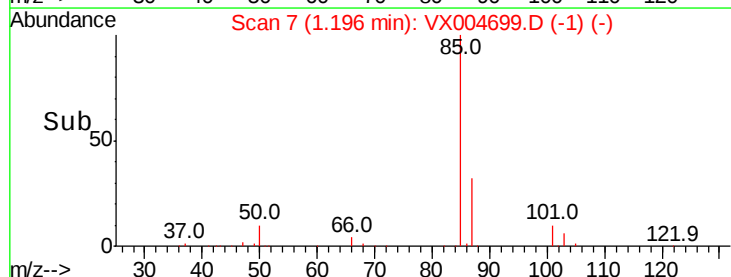
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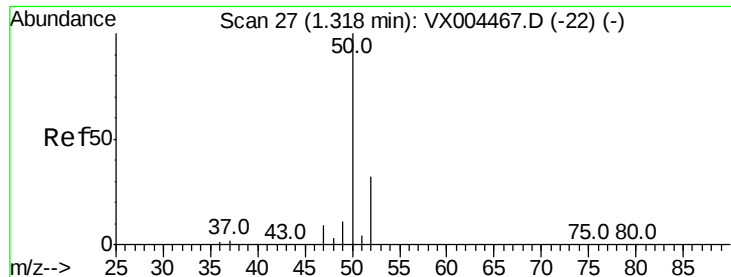
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.313 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

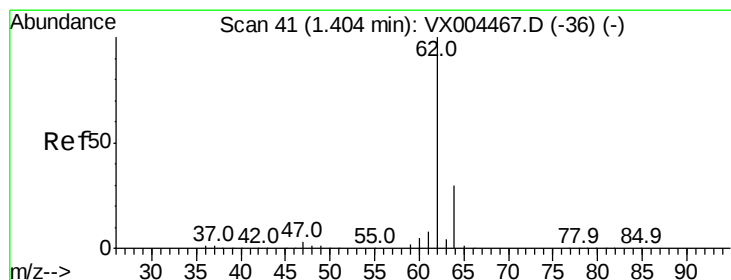
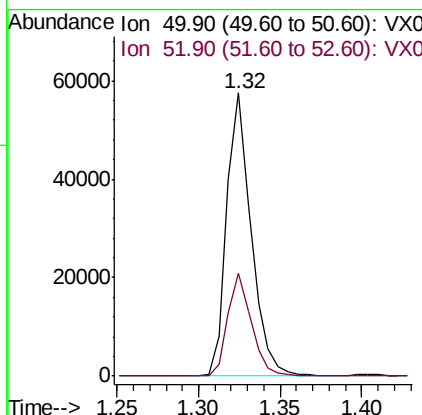
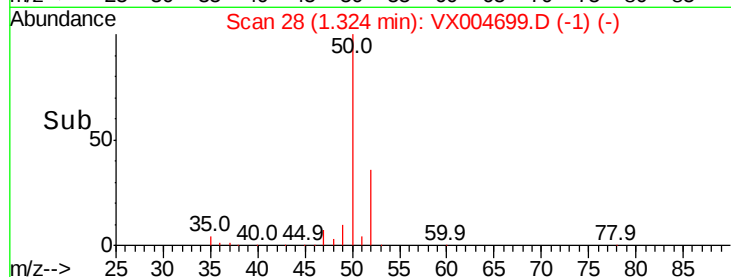
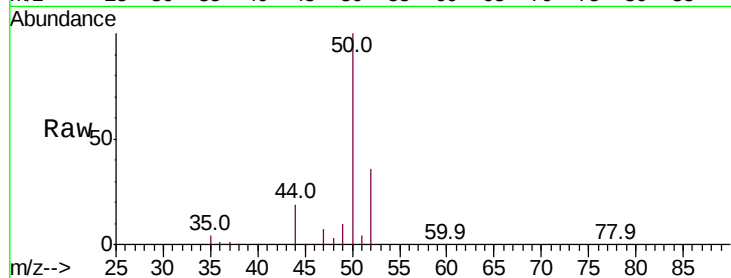
VX0919MBS01

Tot Ion: 50 Resp: 60194

Ion Ratio Lower Upper

50 100

52 36.1 26.2 39.2



#4

Vinyl Chloride

Concen: 20.964 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004699.D

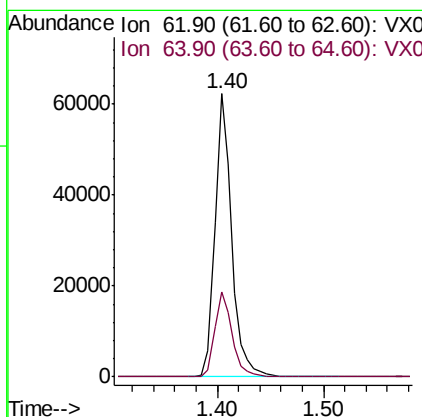
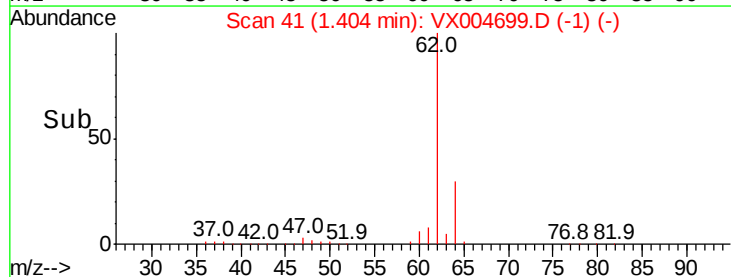
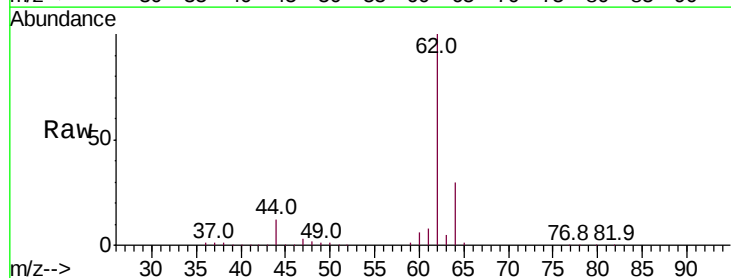
Acq: 19 Sep 2018 12:19

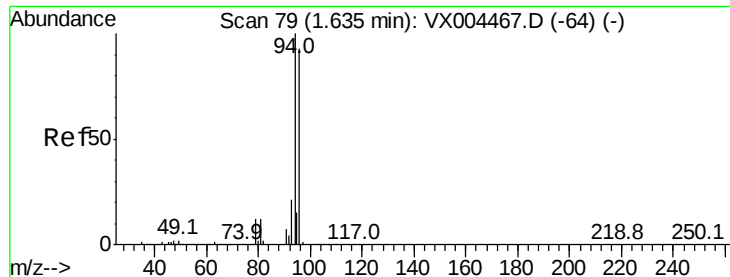
Tgt Ion: 62 Resp: 67060

Ion Ratio Lower Upper

62 100

64 29.9 25.8 38.8





#5

Bromomethane

Concen: 23.742 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

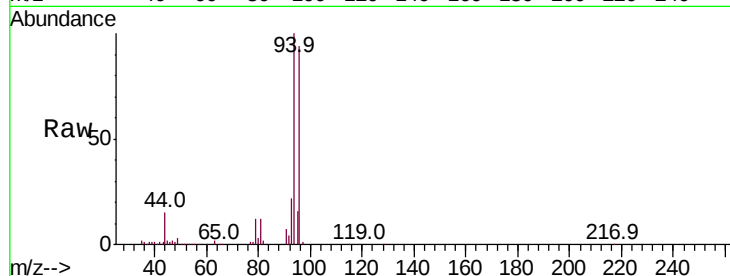
VX0919MBS01

Tot Ion: 94 Resp: 32631

Ion Ratio Lower Upper

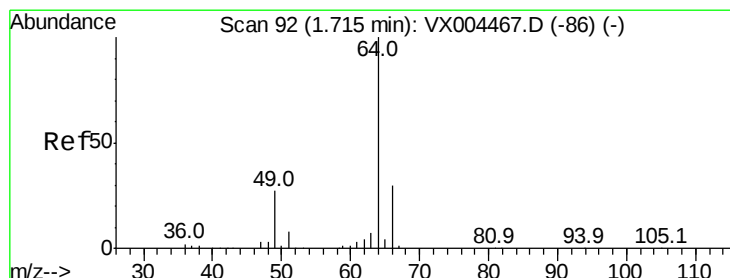
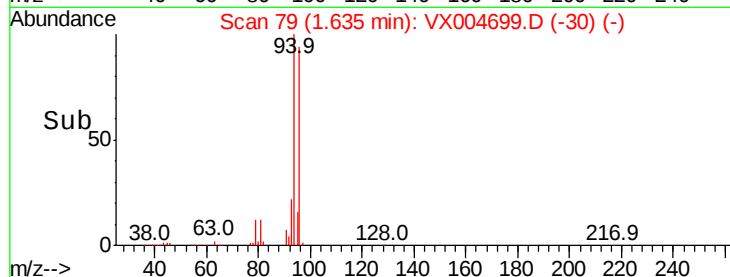
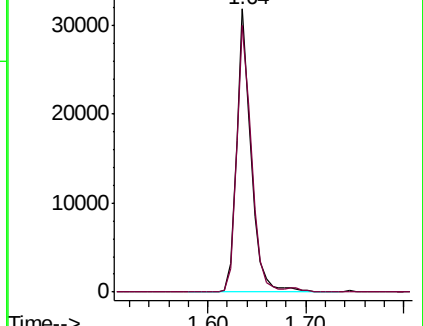
94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.966 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004699.D

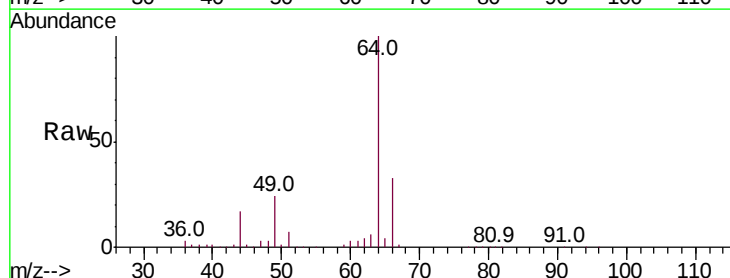
Acq: 19 Sep 2018 12:19

Tgt Ion: 64 Resp: 41302

Ion Ratio Lower Upper

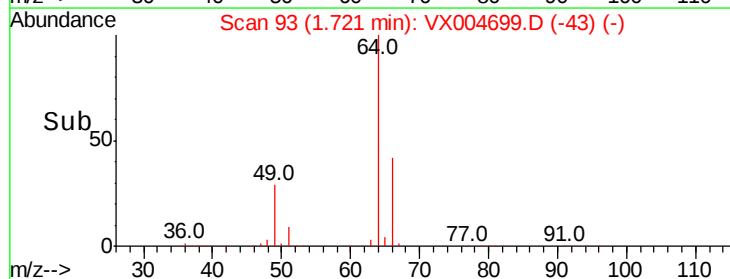
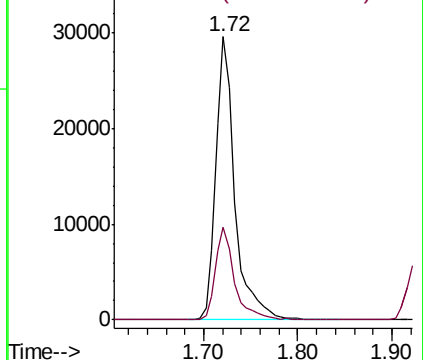
64 100

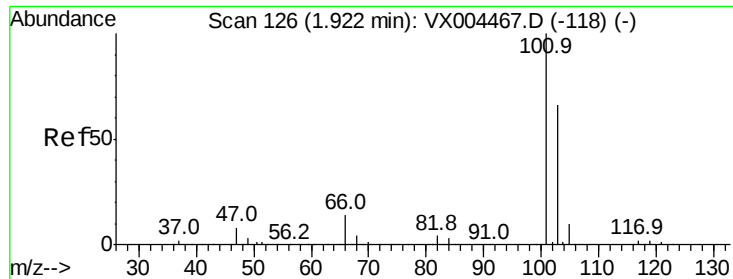
66 32.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



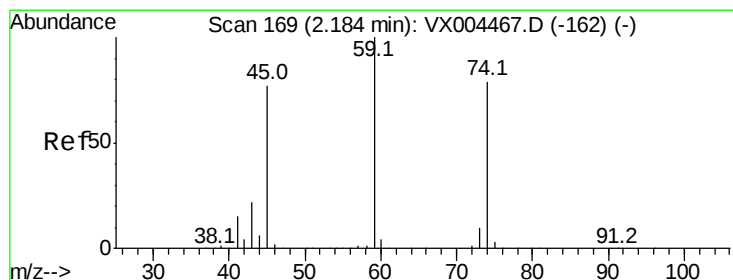
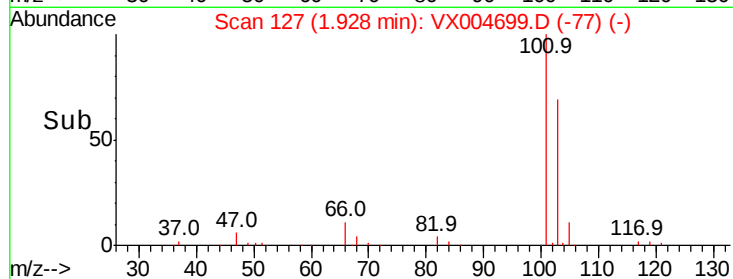
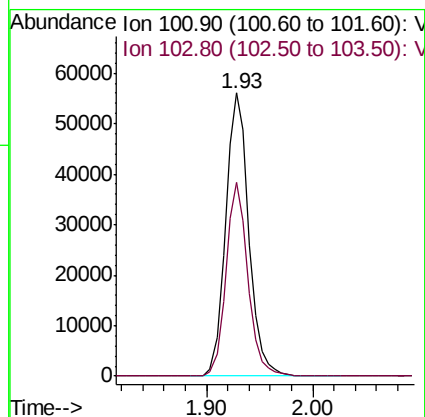
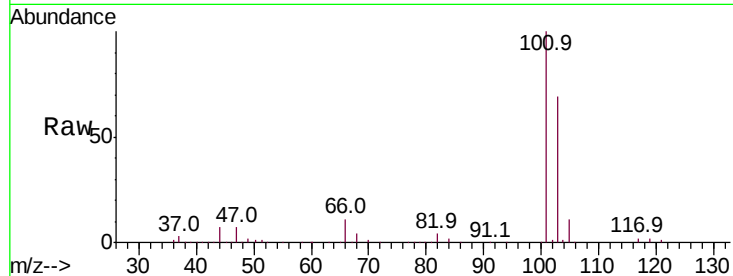


#7

Trichlorofluoromethane
 Concen: 20.044 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Instrument :
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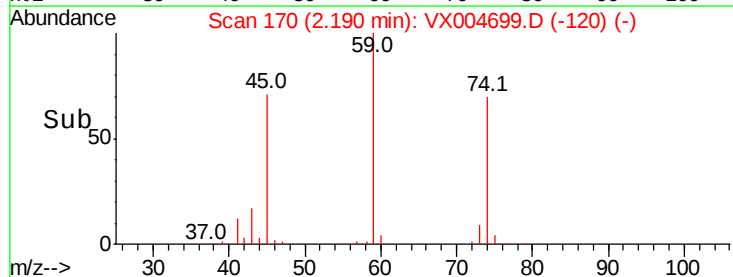
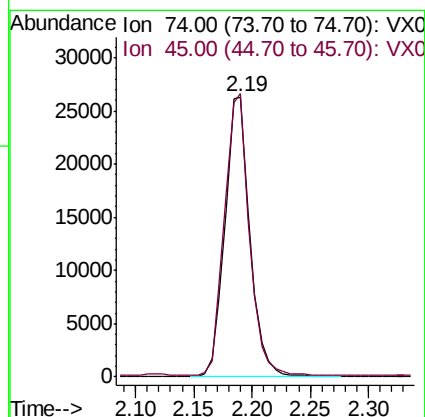
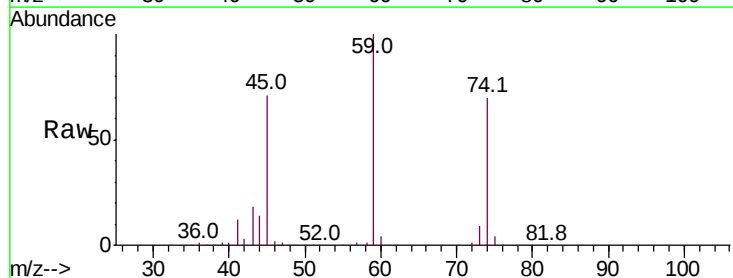
Tot Ion:101 Resp: 85001
 Ion Ratio Lower Upper
 101 100
 103 68.7 48.9 73.3

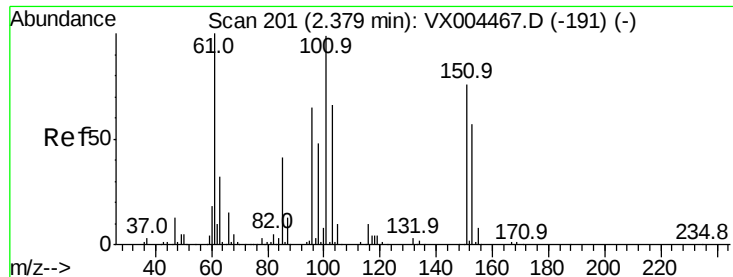


#8

Diethyl Ether
 Concen: 20.589 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion: 74 Resp: 39142
 Ion Ratio Lower Upper
 74 100
 45 100.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.309 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

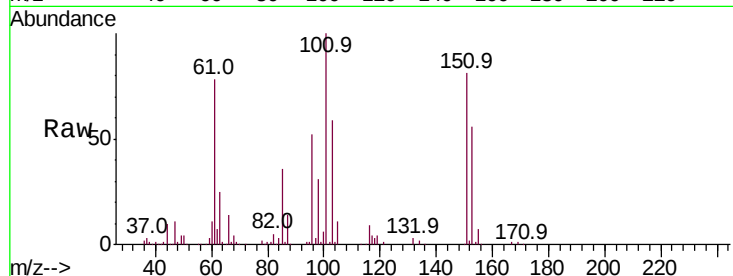
Tot Ion:101 Resp: 54635

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

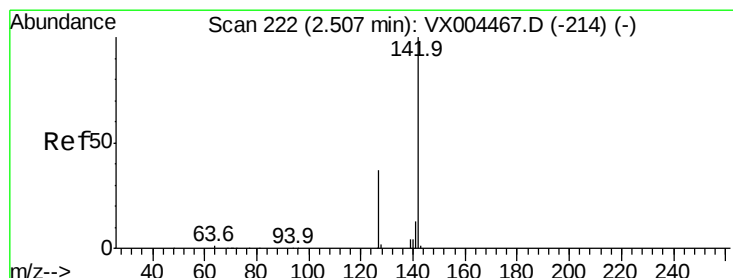
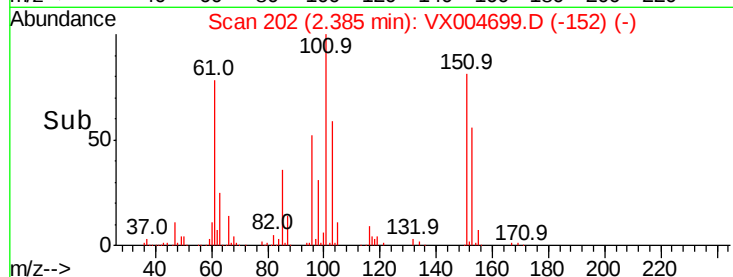
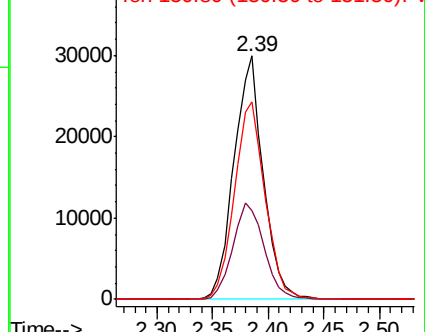
151 84.5 65.0 97.6



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: 20.029 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

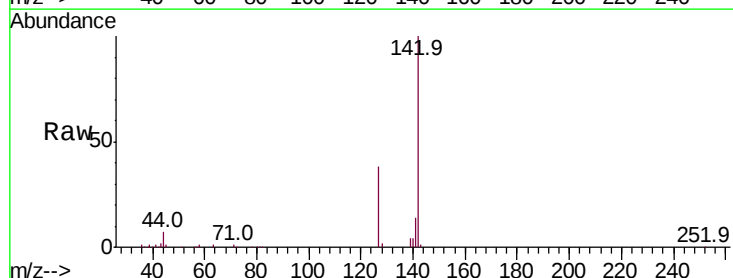
Tgt Ion:142 Resp: 55439

Ion Ratio Lower Upper

142 100

127 38.9 33.8 50.6

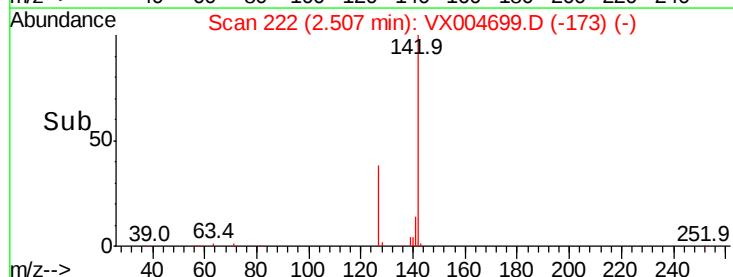
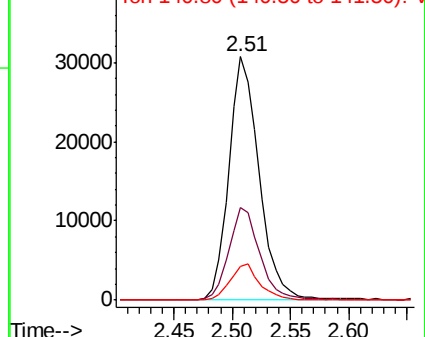
141 14.6 11.4 17.0

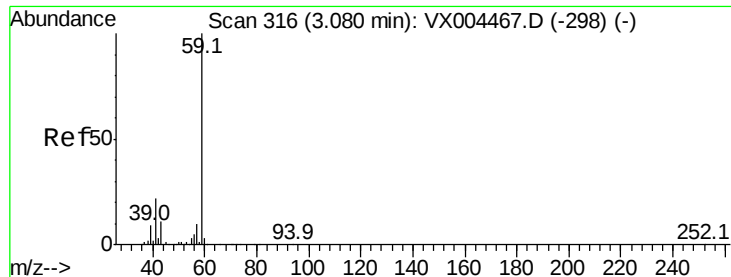


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



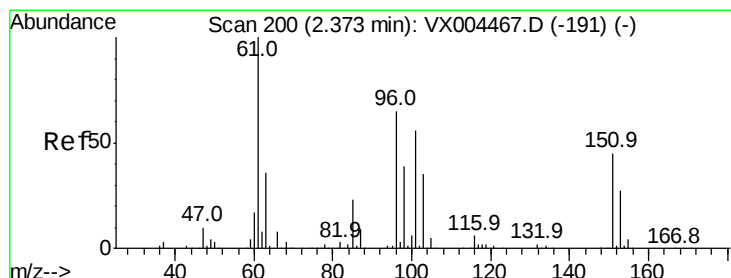
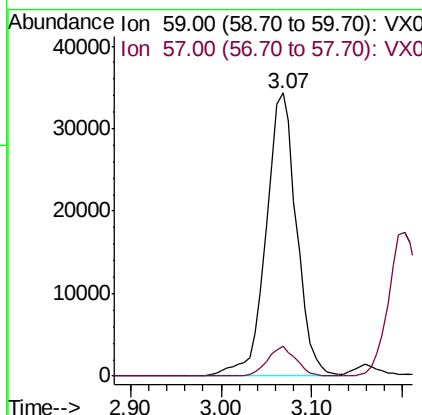
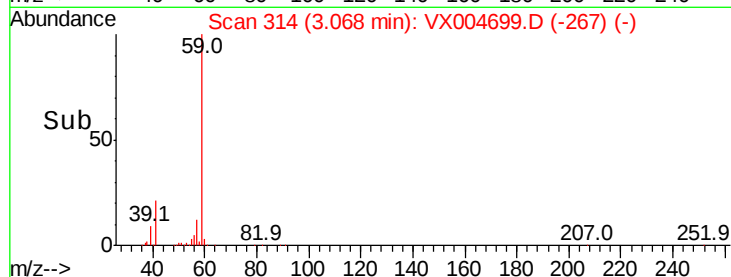
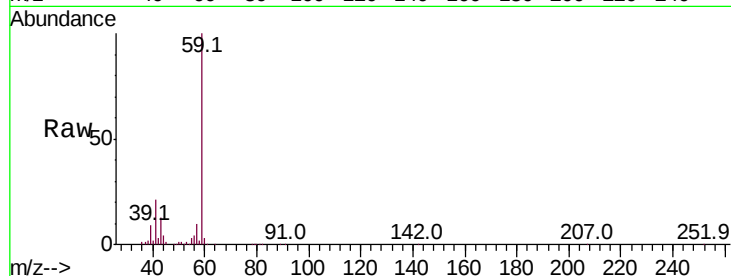


#11

Tert butyl alcohol
Concen: 107.584 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

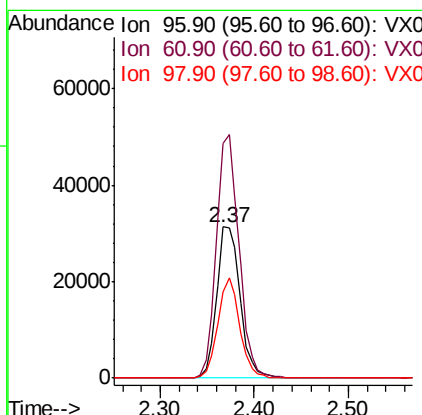
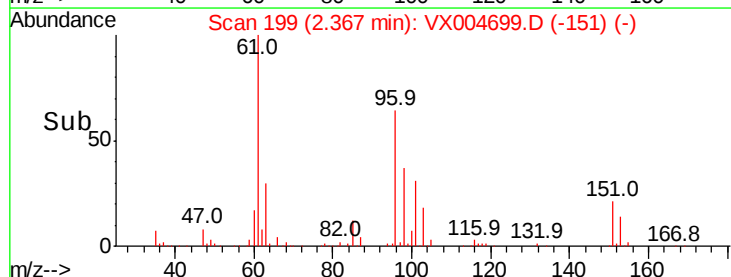
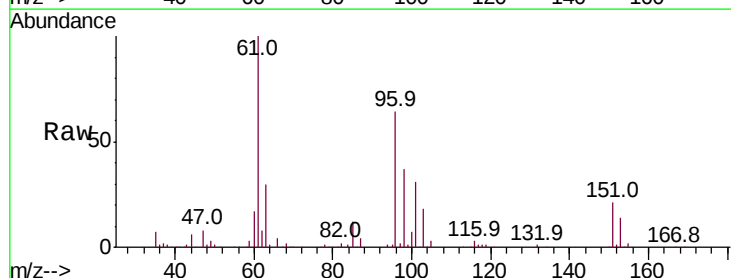
Tot Ion: 59 Resp: 79985
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

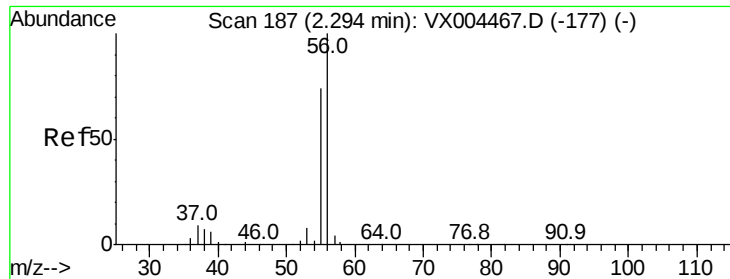


#12

1,1-Dichloroethene
Concen: 21.404 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 96 Resp: 54042
Ion Ratio Lower Upper
96 100
61 155.5 128.8 193.2
98 56.9 52.2 78.2

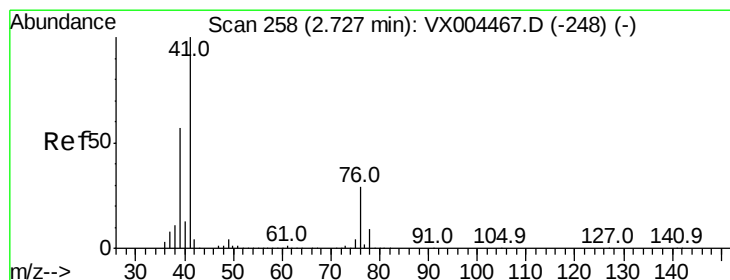
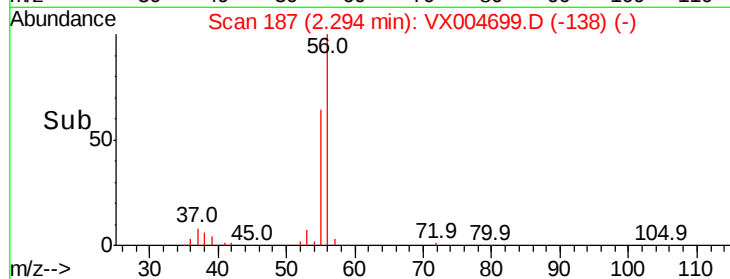
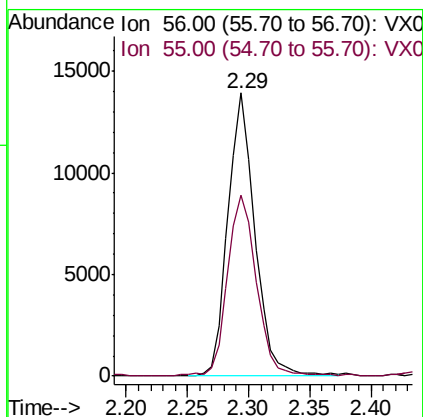
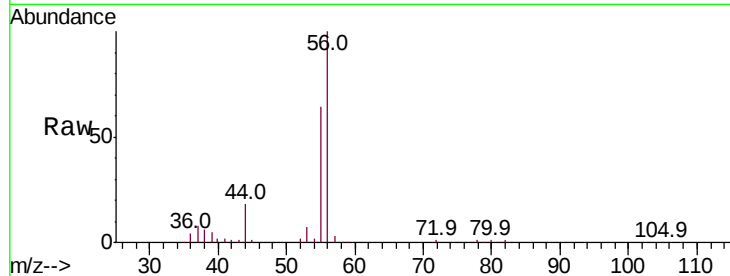




#13
Acrolein
Concen: 72.534 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

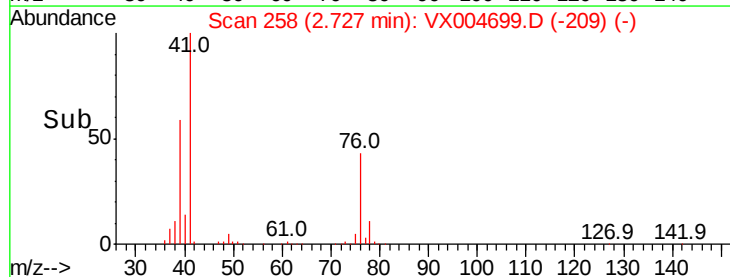
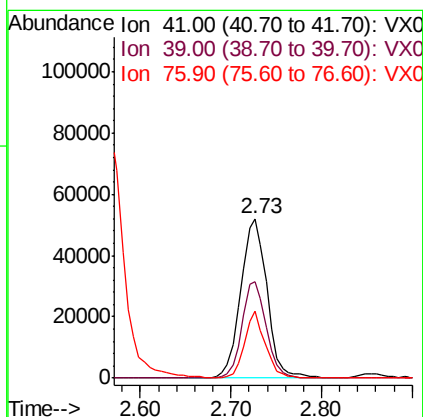
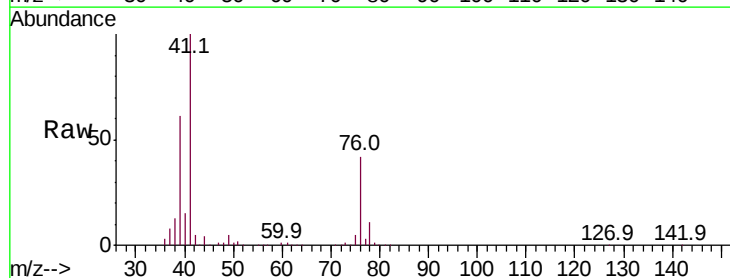
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

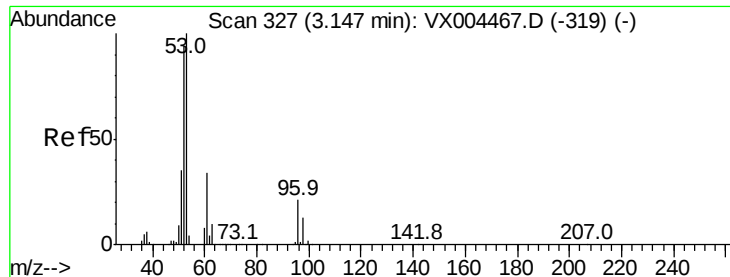
Tot Ion: 56 Resp: 21287
Ion Ratio Lower Upper
56 100
55 69.1 54.7 82.1



#14
Allyl chloride
Concen: 20.022 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 41 Resp: 103928
Ion Ratio Lower Upper
41 100
39 56.2 48.9 73.3
76 33.5 26.7 40.1





#15

Acrylonitrile

Concen: 98.861 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

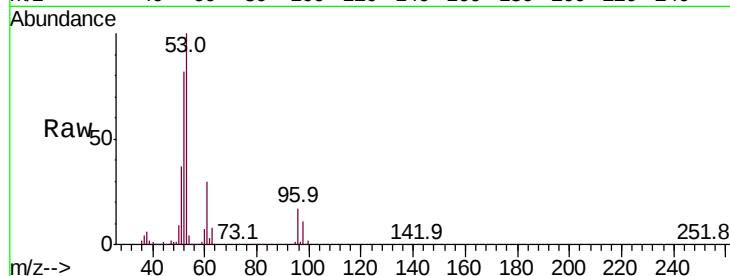
Tot Ion: 53 Resp: 176996

Ion Ratio Lower Upper

53 100

52 83.0 65.2 97.8

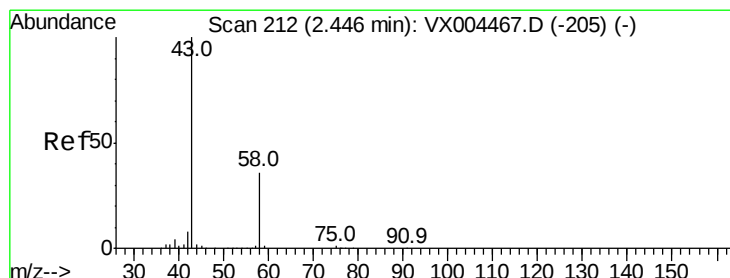
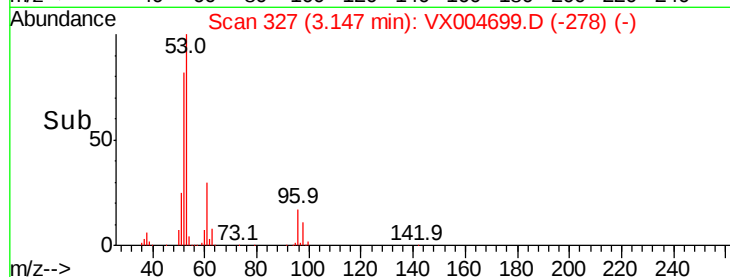
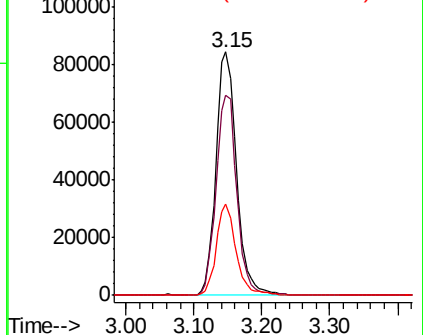
51 36.2 28.2 42.2



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: 95.228 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004699.D

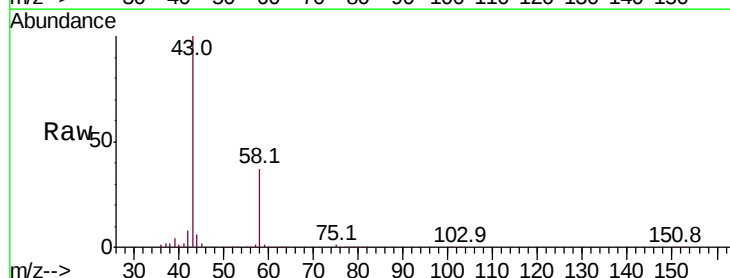
Acq: 19 Sep 2018 12:19

Tgt Ion: 43 Resp: 144816

Ion Ratio Lower Upper

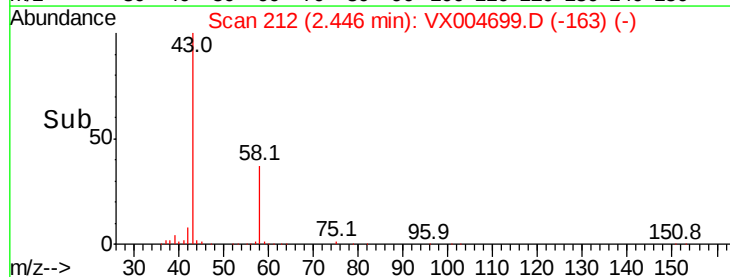
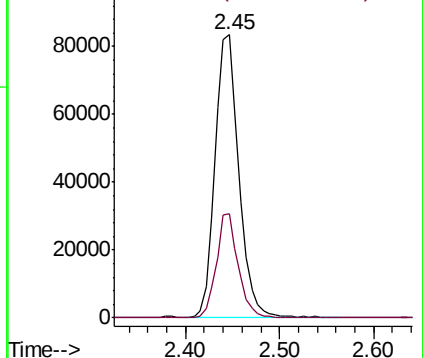
43 100

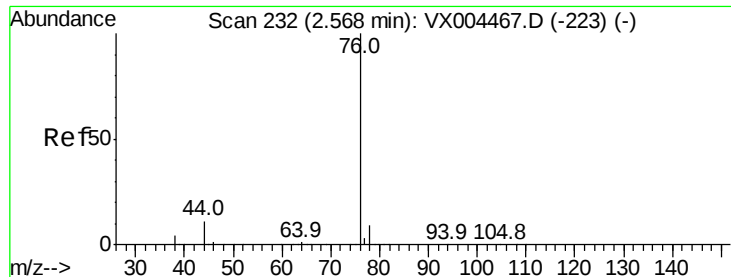
58 37.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

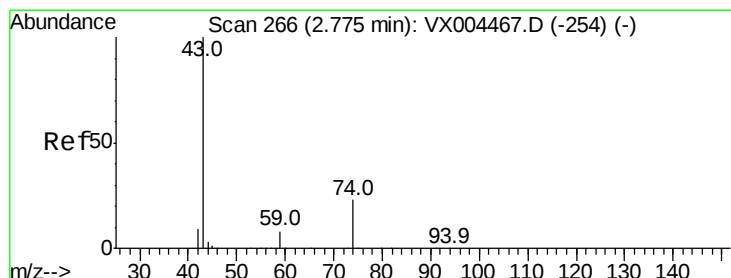
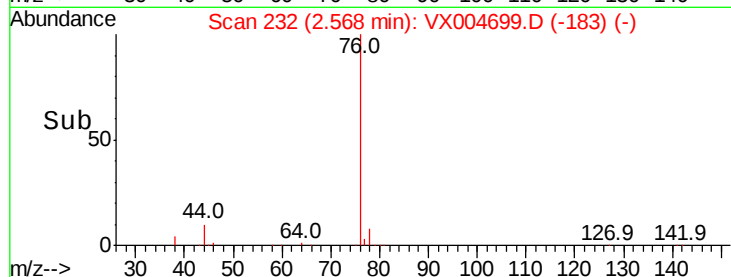
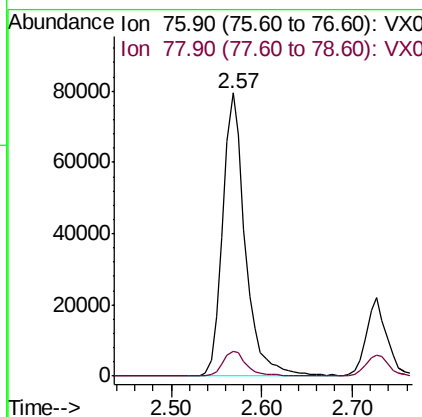
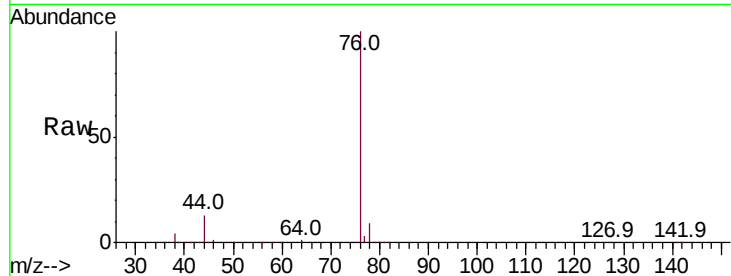




#17
Carbon Disulfide
Concen: 18.973 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

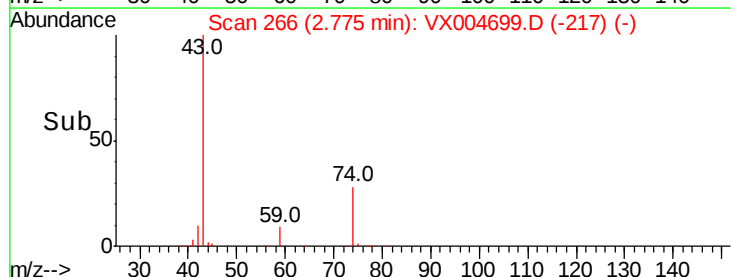
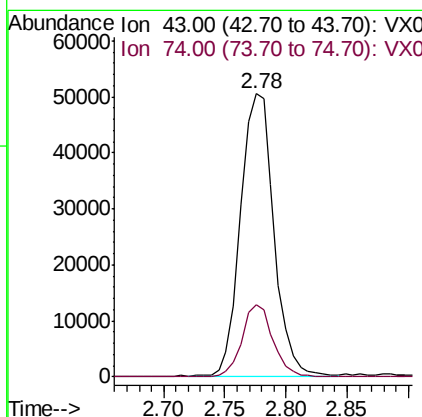
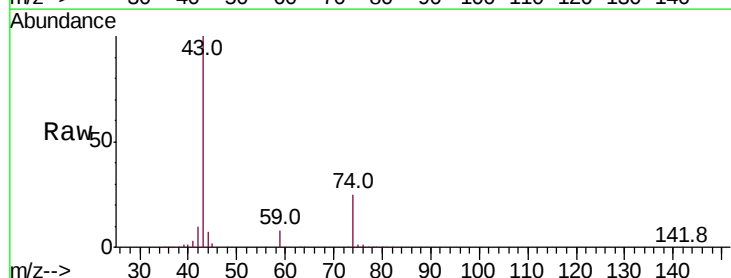
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

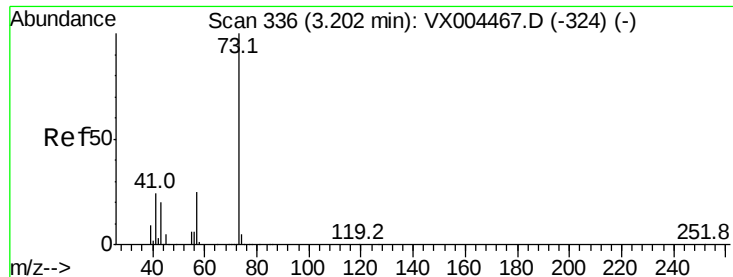
Tot Ion: 76 Resp: 138468
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 22.257 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 43 Resp: 94960
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2



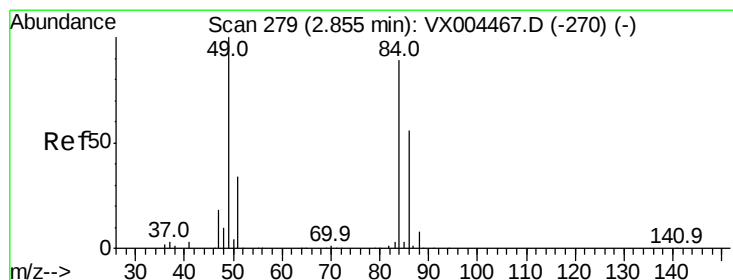
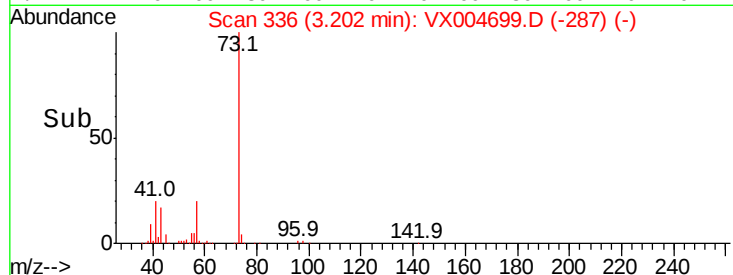
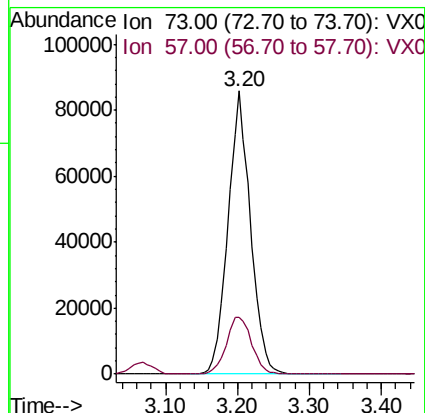
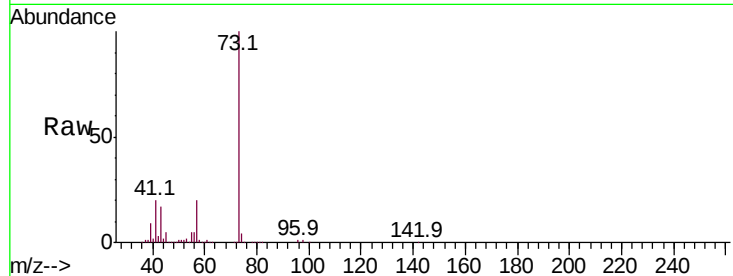


#19

Methyl tert-butyl Ether
 Concen: 21.053 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

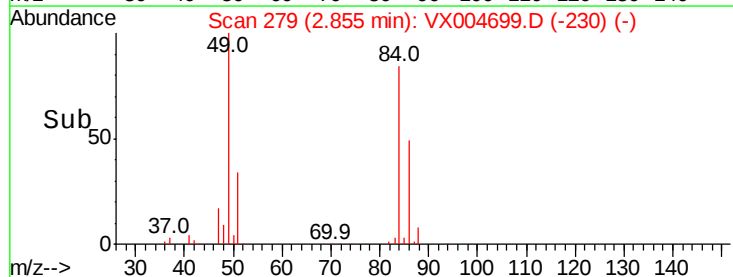
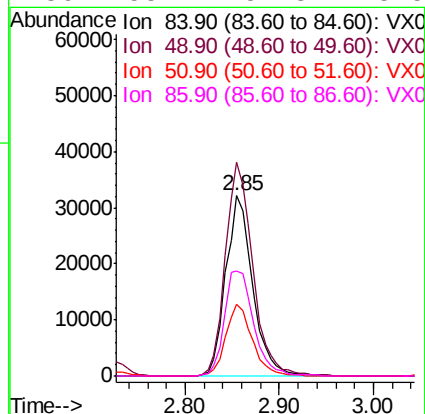
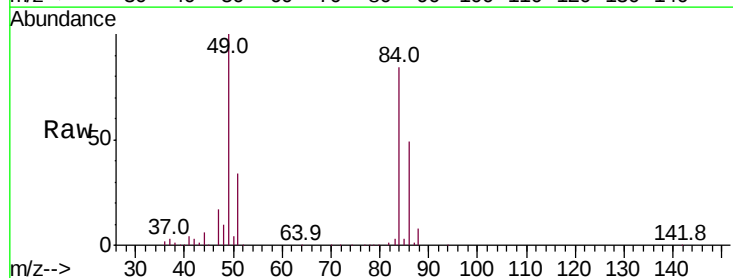
Tot Ion: 73 Resp: 186511
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.1 25.7

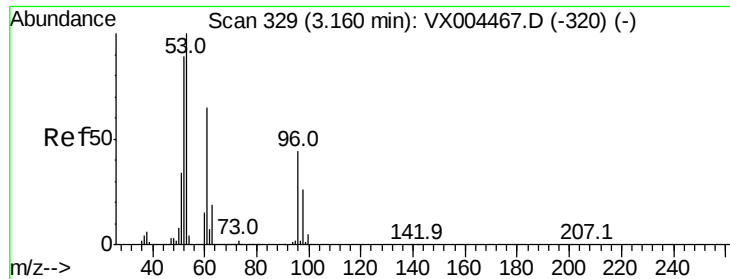


#20

Methylene Chloride
 Concen: 20.510 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion: 84 Resp: 63983
 Ion Ratio Lower Upper
 84 100
 49 118.4 101.2 151.8
 51 39.6 29.5 44.3
 86 58.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.692 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

VX0919MBS01

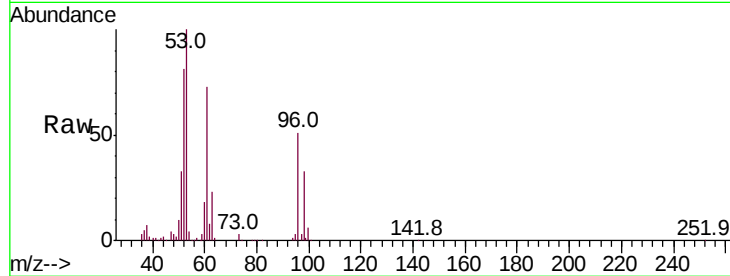
Tot Ion: 96 Resp: 54942

Ion Ratio Lower Upper

96 100

61 142.8 113.8 170.6

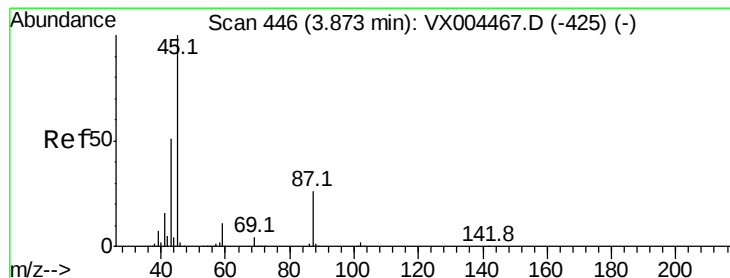
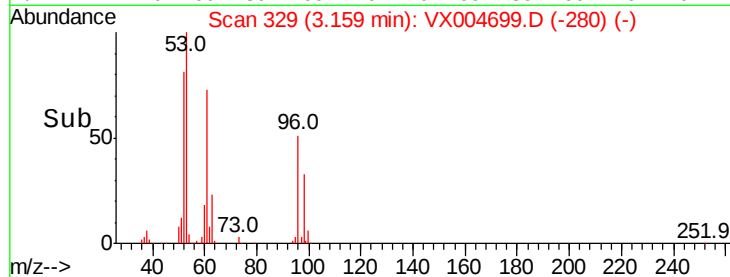
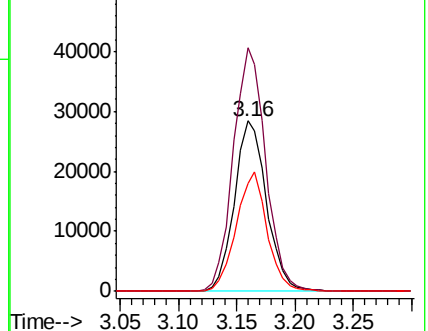
98 63.8 51.8 77.8



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: 21.134 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Tgt Ion: 45 Resp: 197583

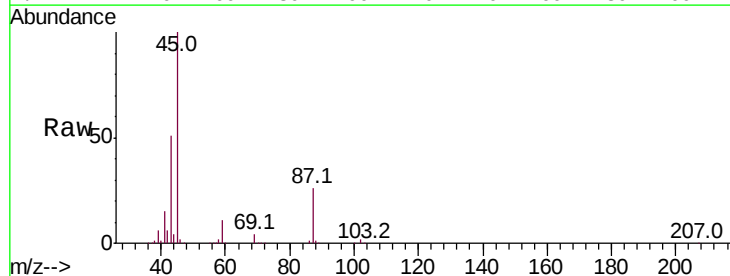
Ion Ratio Lower Upper

45 100

43 50.6 42.8 64.2

87 25.9 22.6 34.0

59 11.0 9.6 14.4

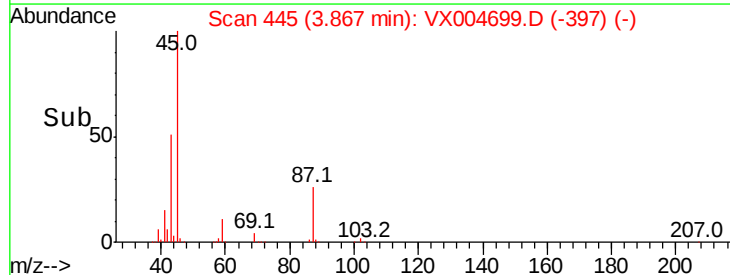
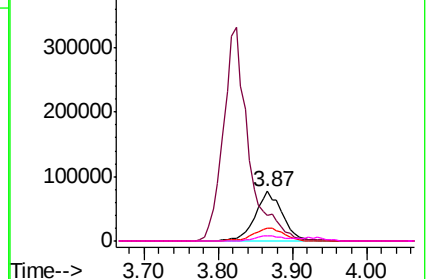


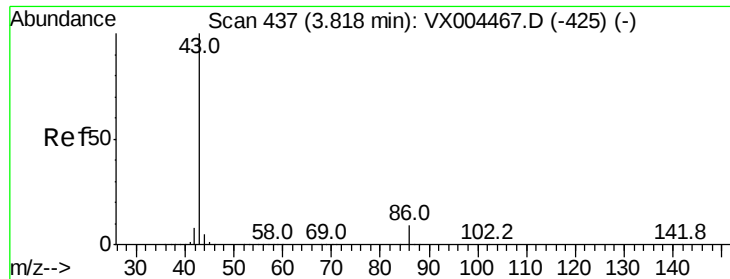
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 104.105 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

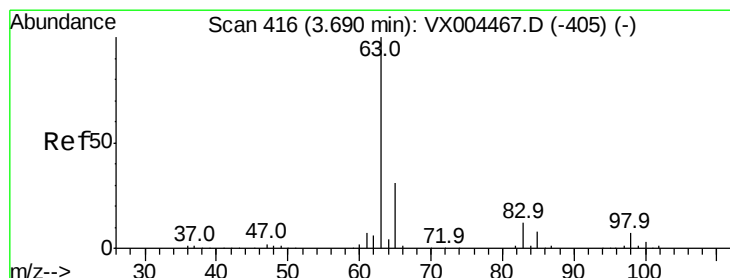
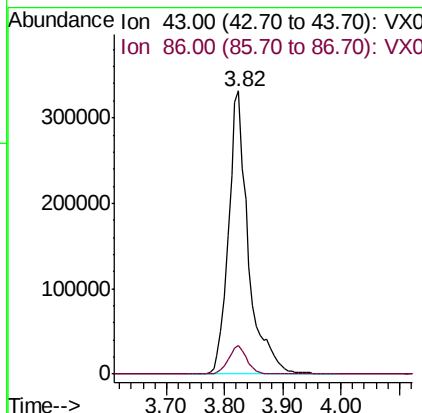
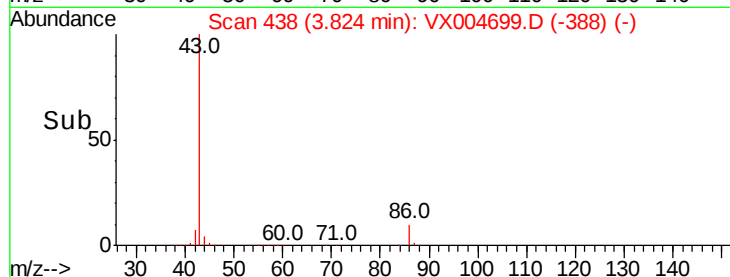
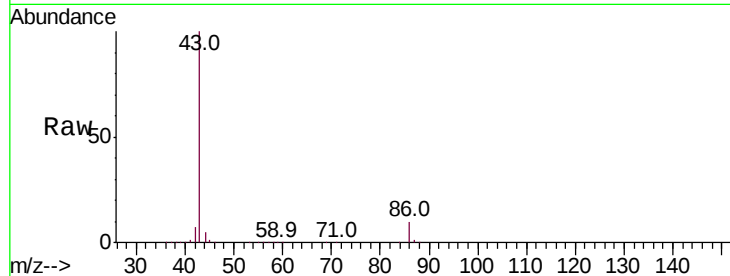
VX0919MBS01

Tot Ion: 43 Resp: 787615

Ion Ratio Lower Upper

43 100

86 10.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.225 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

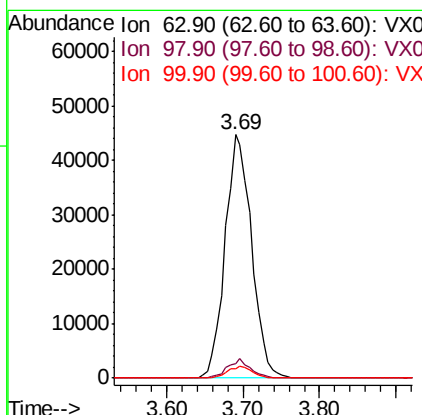
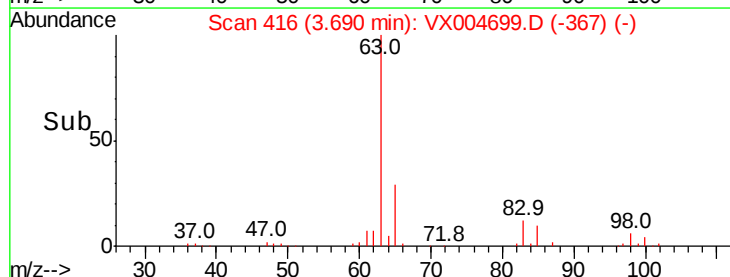
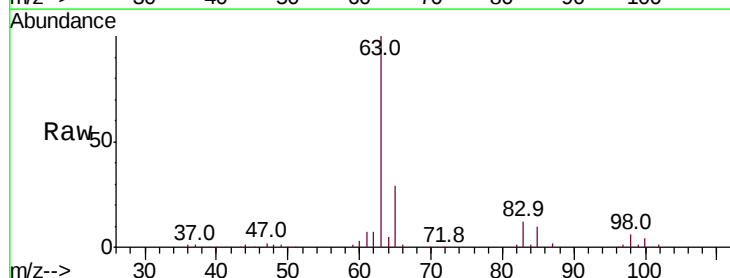
Tgt Ion: 63 Resp: 106751

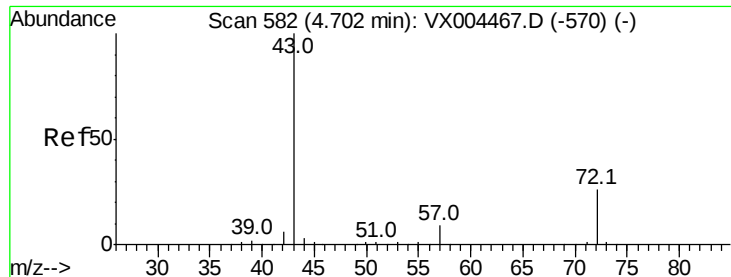
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.1 2.4 7.1





#25

2-Butanone

Concen: 95.859 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

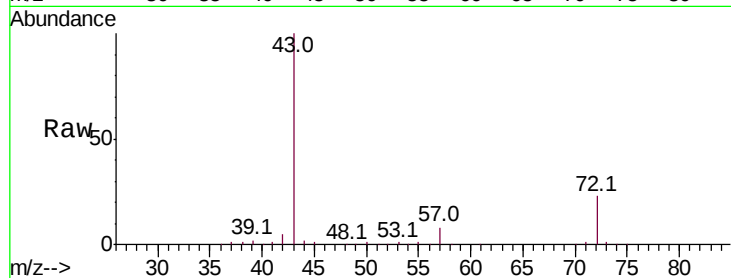
VX0919MBS01

Tot Ion: 43 Resp: 232004

Ion Ratio Lower Upper

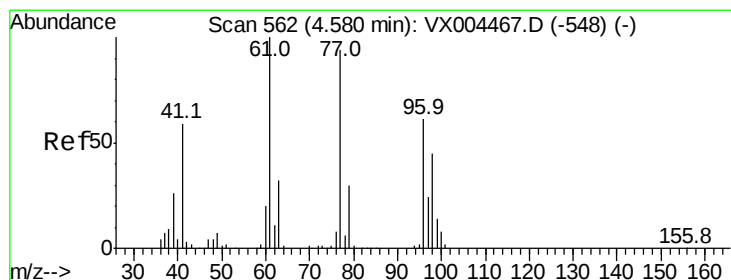
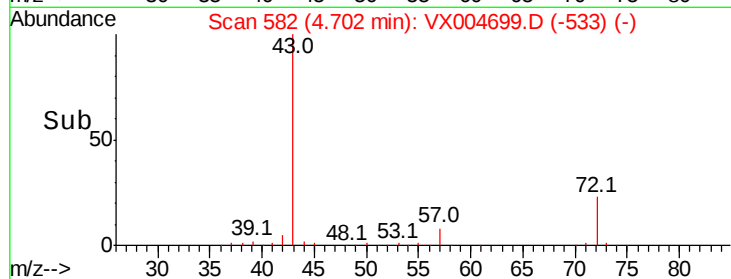
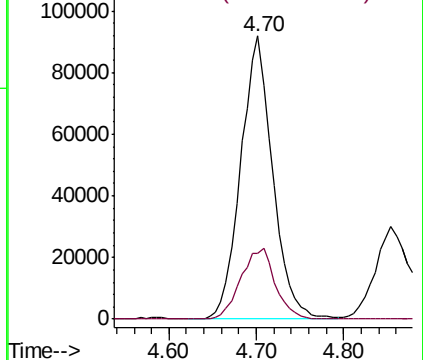
43 100

72 23.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.654 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004699.D

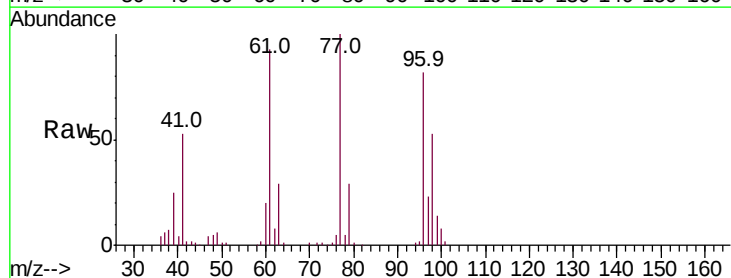
Acq: 19 Sep 2018 12:19

Tgt Ion: 77 Resp: 82126

Ion Ratio Lower Upper

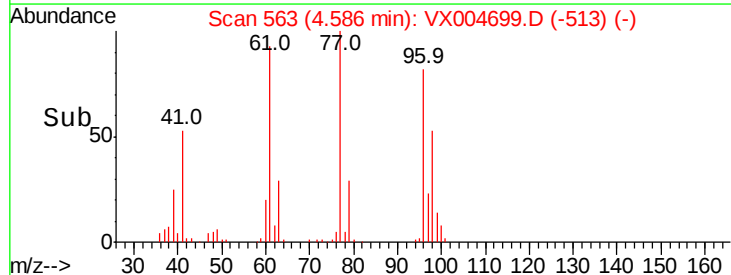
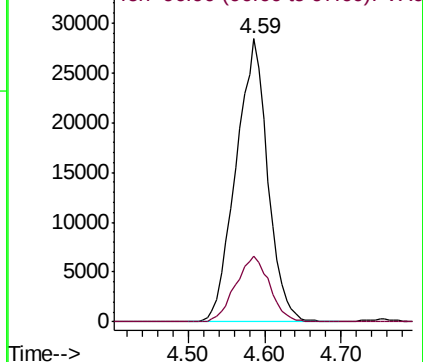
77 100

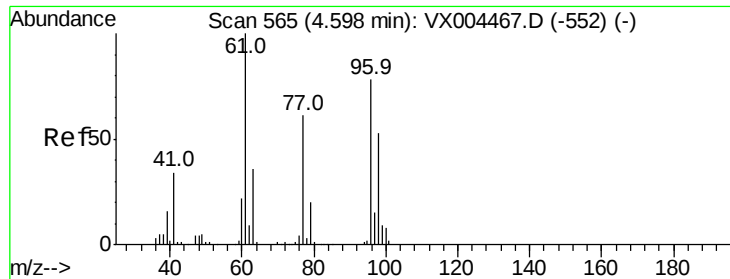
97 24.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



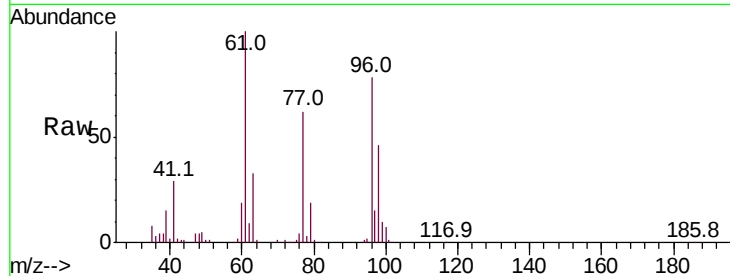


#27

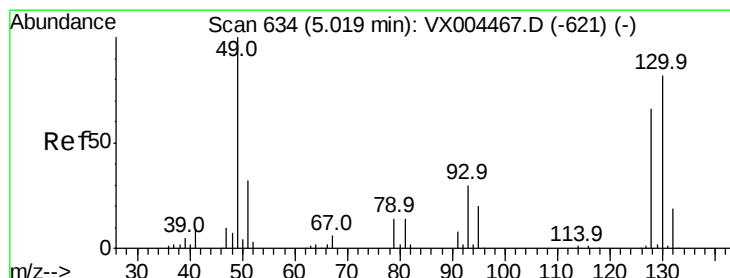
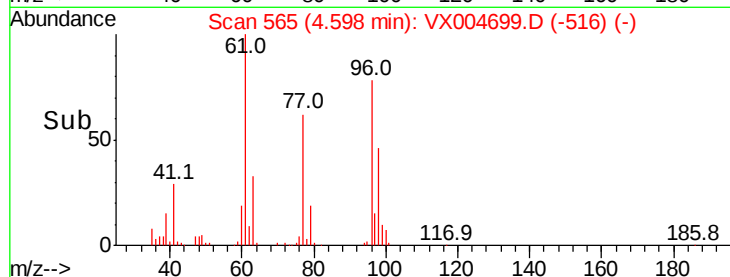
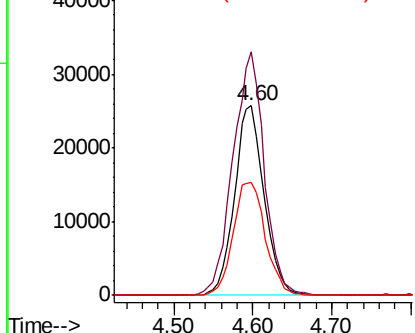
cis-1,2-Dichloroethene
 Concen: 21.606 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Tot Ion: 96 Resp: 67293
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 282.6
 98 64.5 0.0 130.2



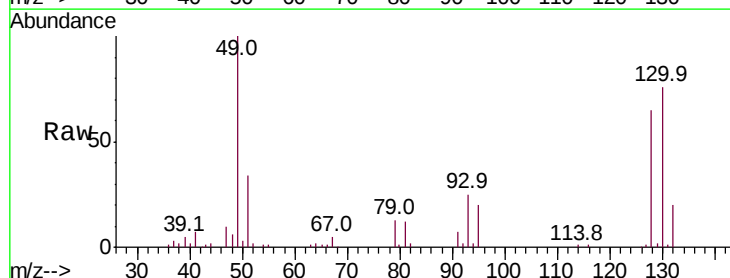
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



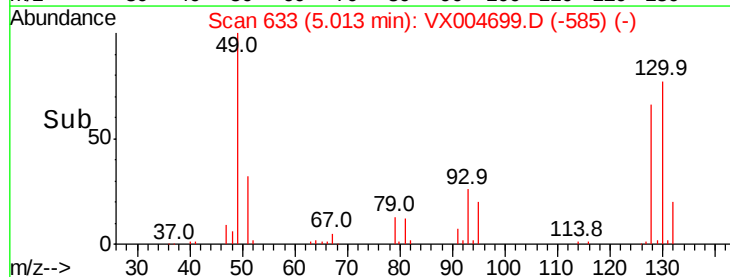
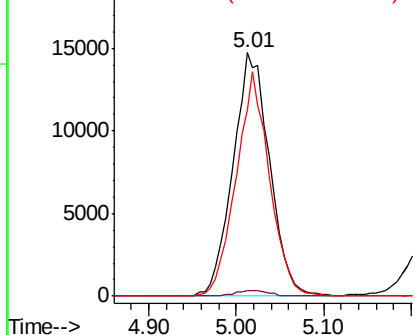
#28

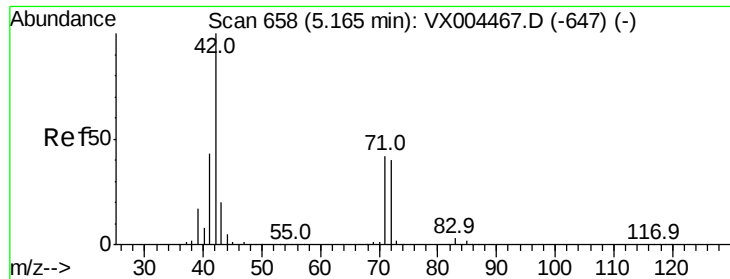
Bromochloromethane
 Concen: 17.762 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion: 49 Resp: 42885
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.6 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: 101.583 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

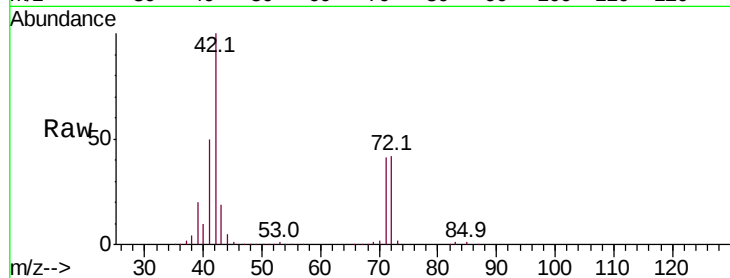
Tot Ion: 42 Resp: 148266

Ion Ratio Lower Upper

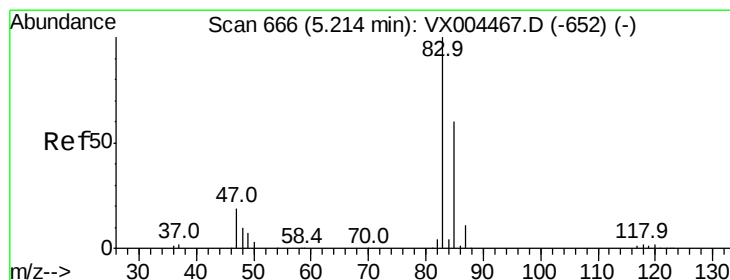
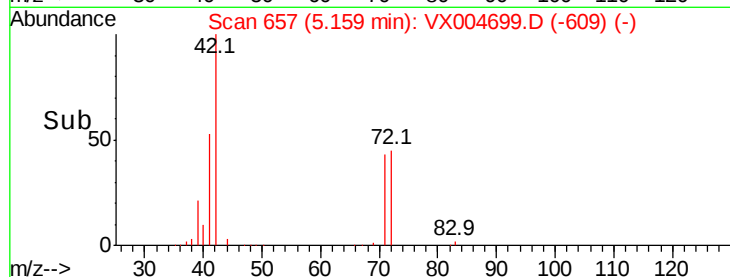
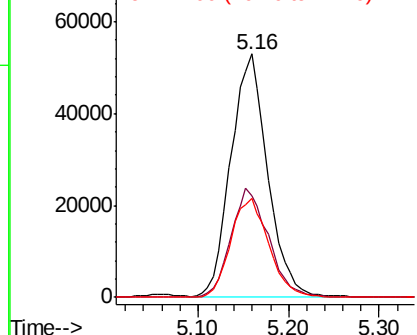
42 100

72 46.0 37.4 56.0

71 42.4 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: 21.213 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004699.D

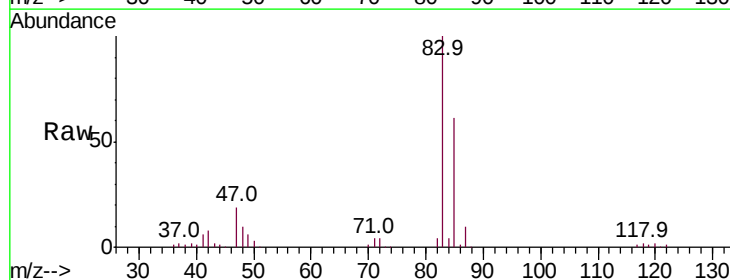
Acq: 19 Sep 2018 12:19

Tgt Ion: 83 Resp: 109314

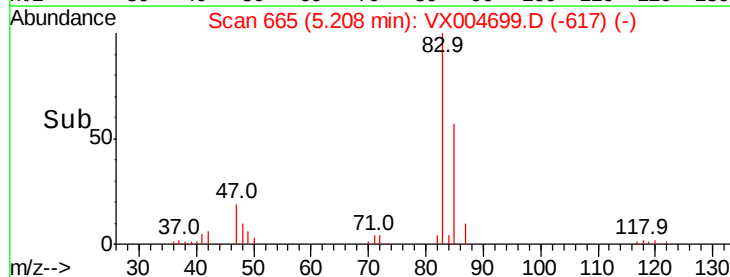
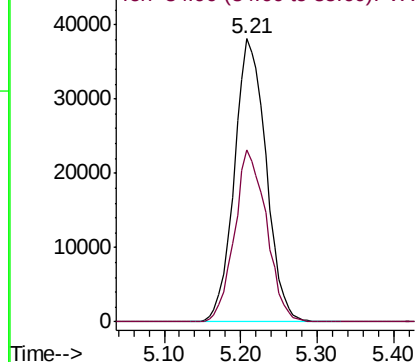
Ion Ratio Lower Upper

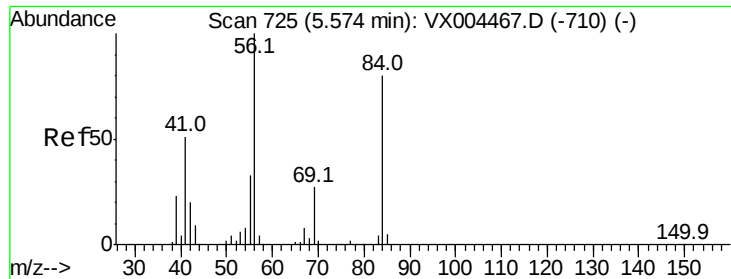
83 100

85 60.6 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: 20.470 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

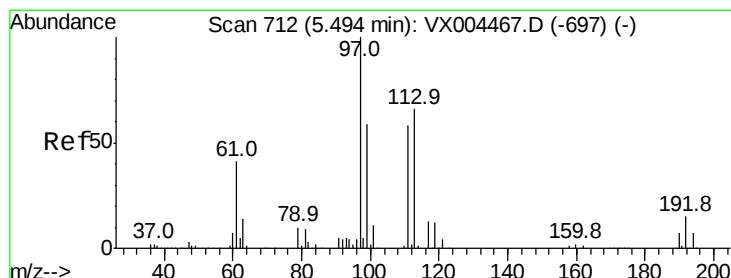
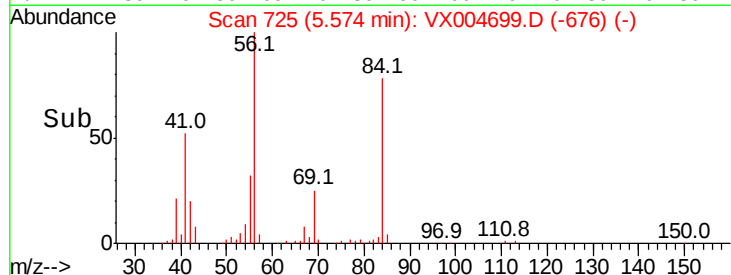
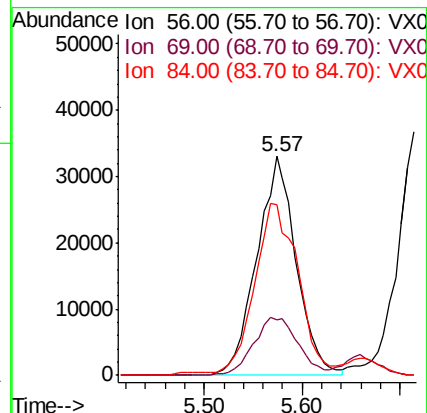
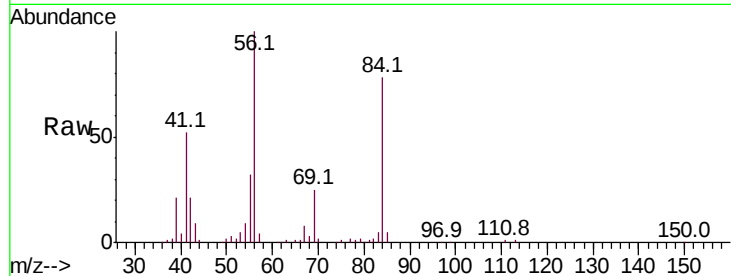
Tot Ion: 56 Resp: 92259

Ion Ratio Lower Upper

56 100

69 25.3 25.4 38.2#

84 76.8 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 21.134 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

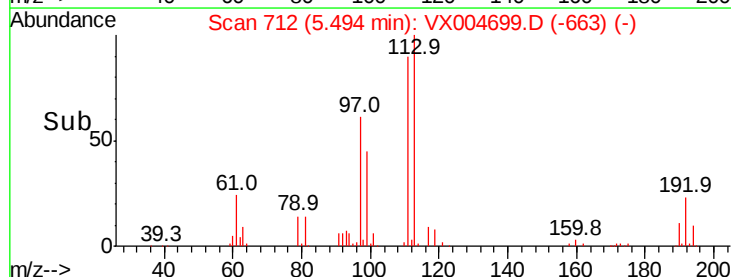
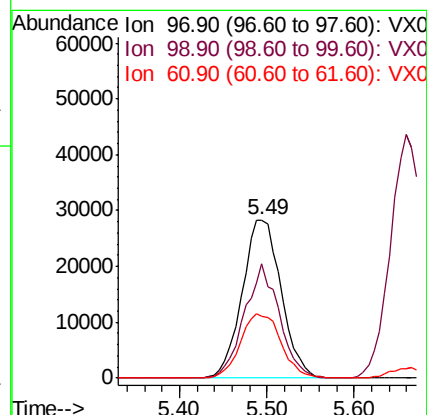
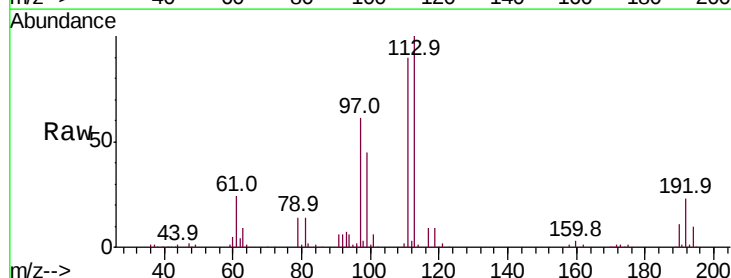
Tgt Ion: 97 Resp: 87713

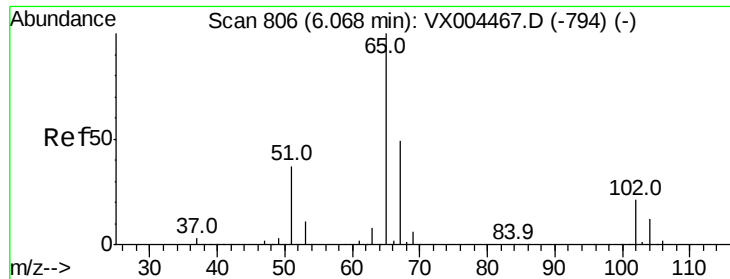
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 42.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 42.399 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

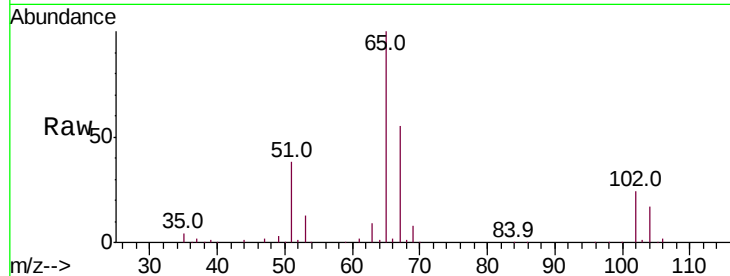
VX0919MBS01

Tot Ion: 65 Resp: 132105

Ion Ratio Lower Upper

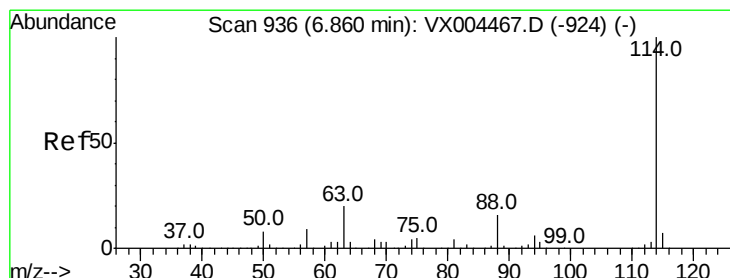
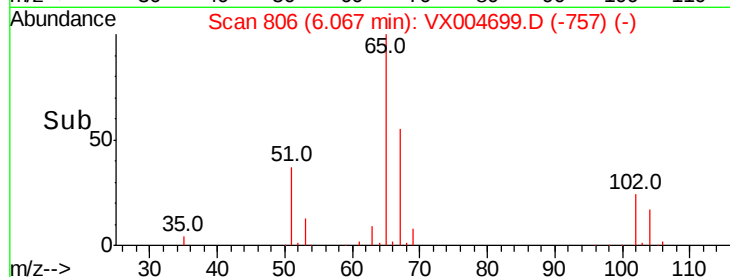
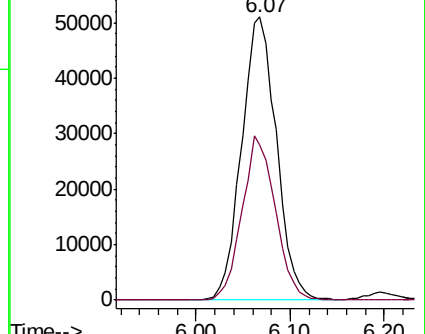
65 100

67 55.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

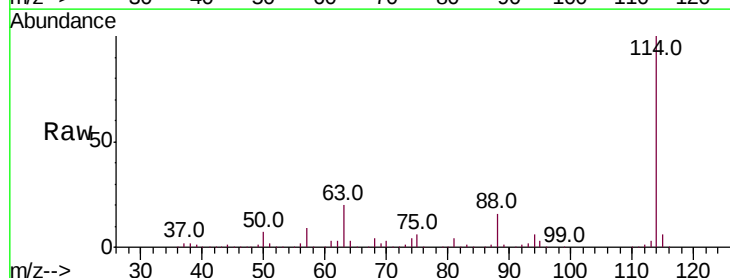
Tgt Ion:114 Resp: 317419

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

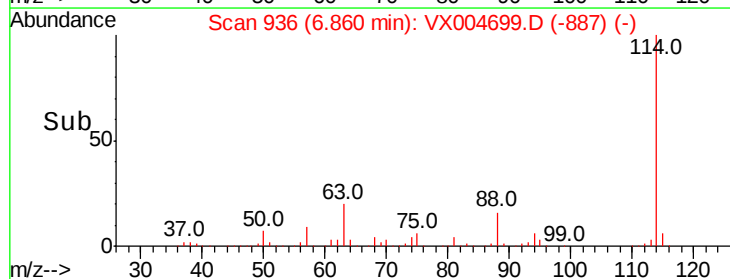
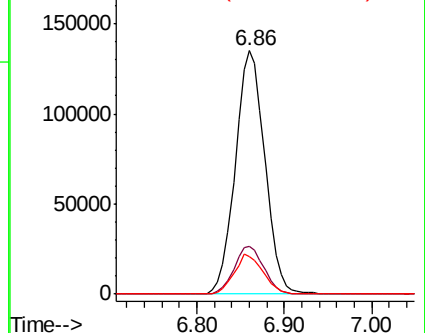
88 15.6 0.0 30.4

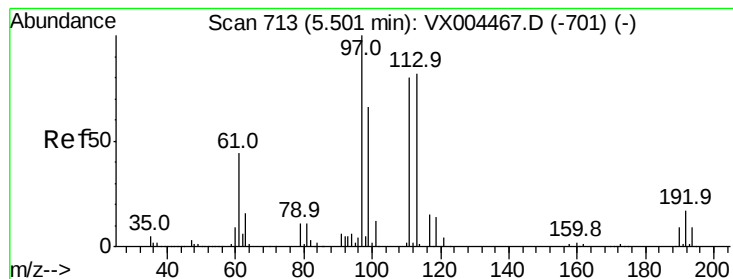


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.666 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

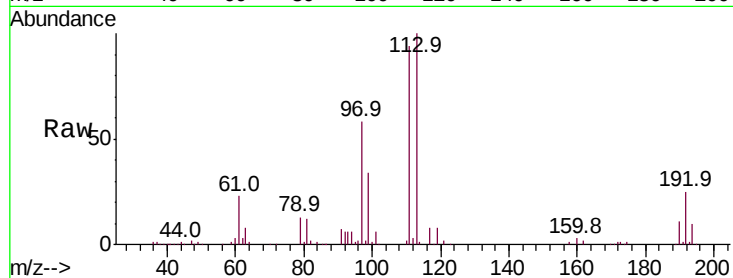
Tot Ion:113 Resp: 129740

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

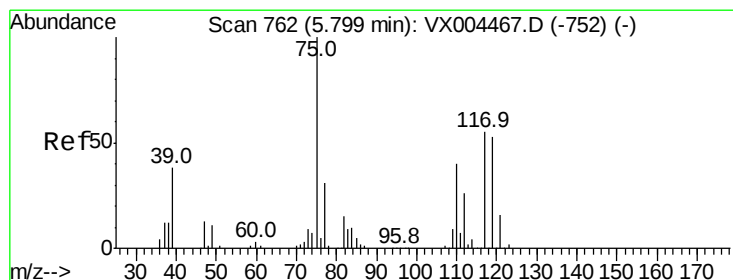
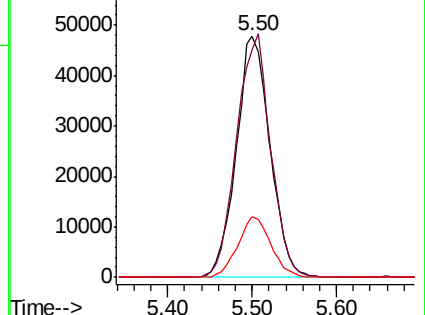
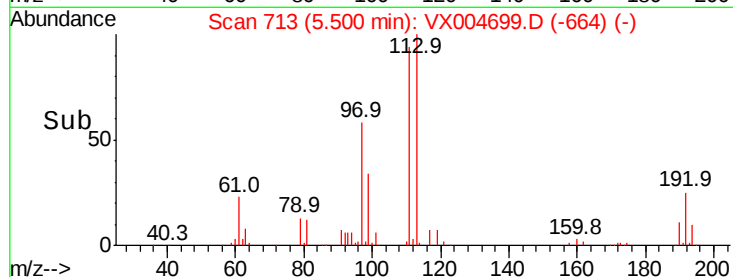
192 24.5 19.4 29.2



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: 19.668 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

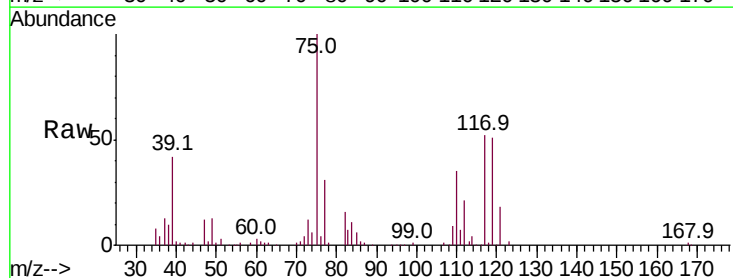
Tgt Ion: 75 Resp: 75793

Ion Ratio Lower Upper

75 100

110 37.7 18.0 54.0

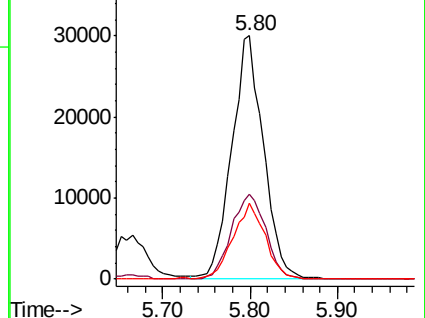
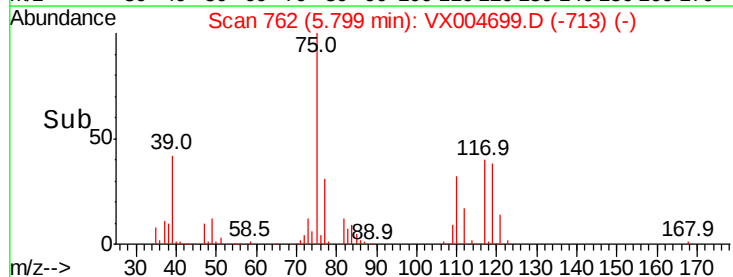
77 31.5 24.6 36.8

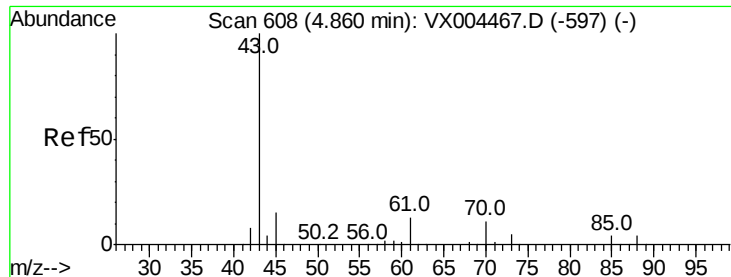


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

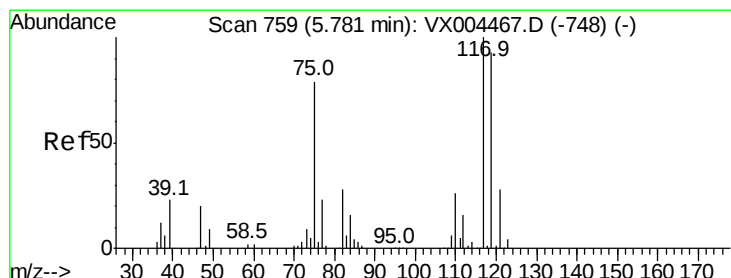
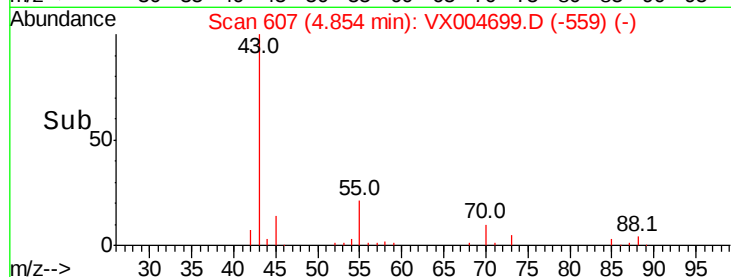
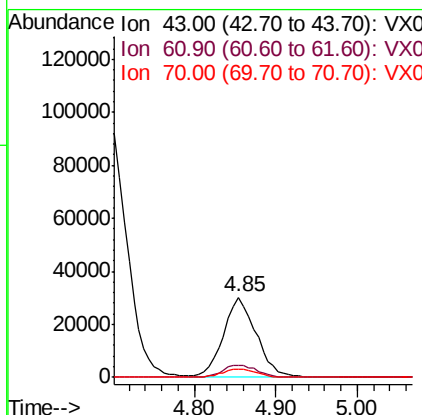
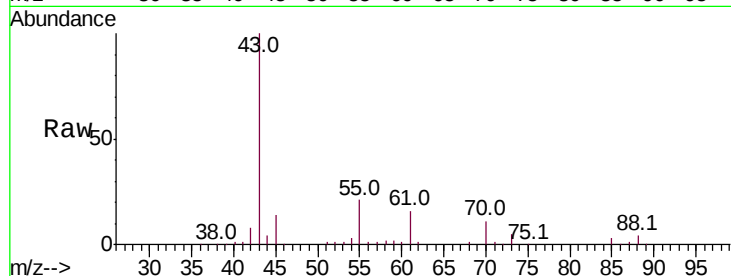




#37
Ethyl Acetate
Concen: 18.928 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

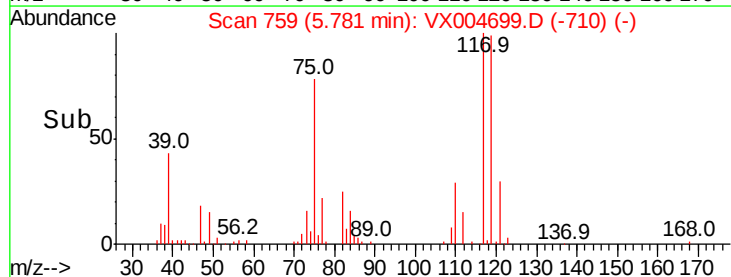
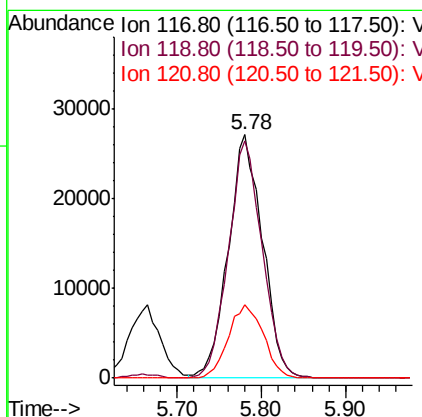
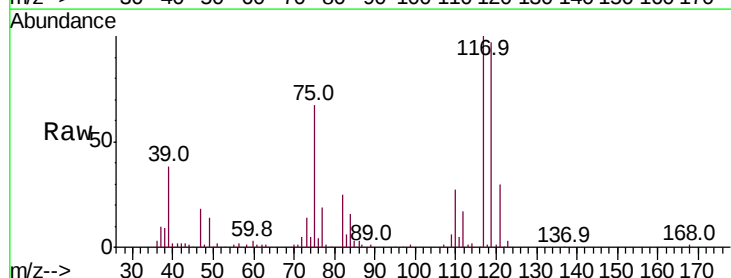
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

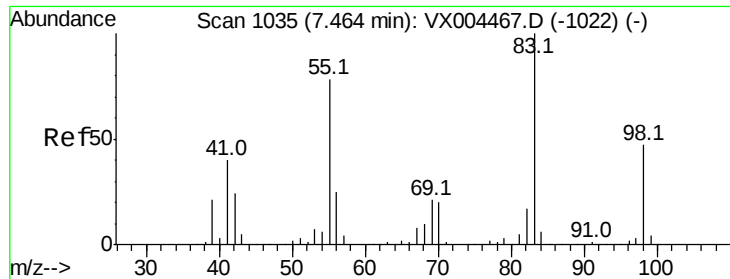
Tot Ion: 43 Resp: 82959
Ion Ratio Lower Upper
43 100
61 16.1 11.5 17.3
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.917 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 117 Resp: 74967
Ion Ratio Lower Upper
117 100
119 97.4 78.8 118.2
121 30.1 24.9 37.3

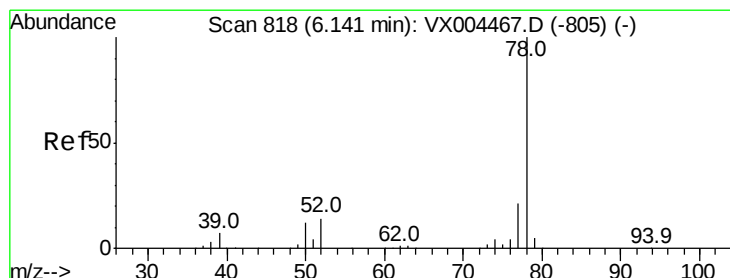
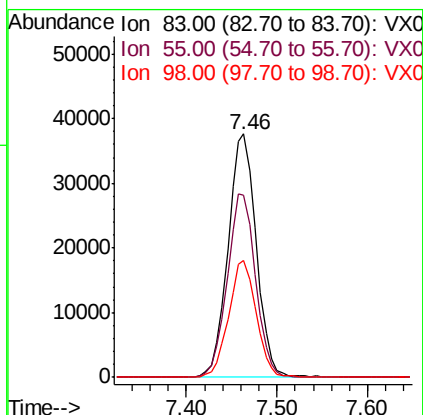
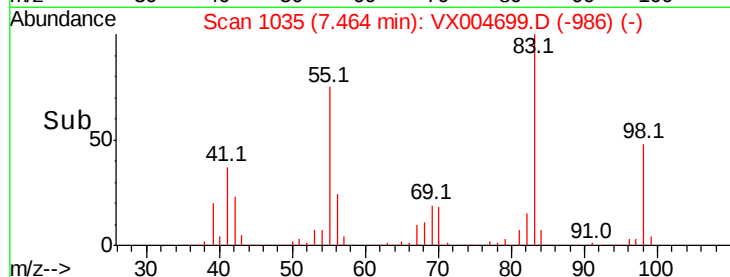
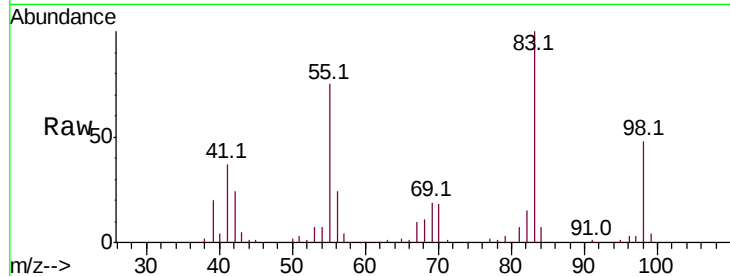




#39
Methvlcvclohexane
Concen: 20.349 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

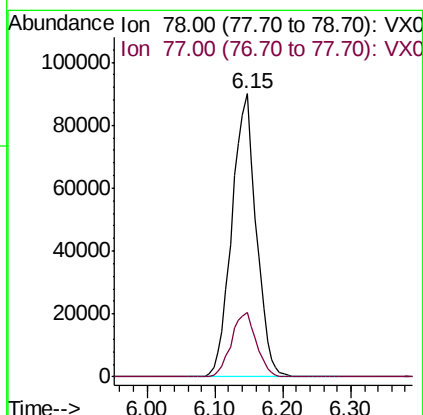
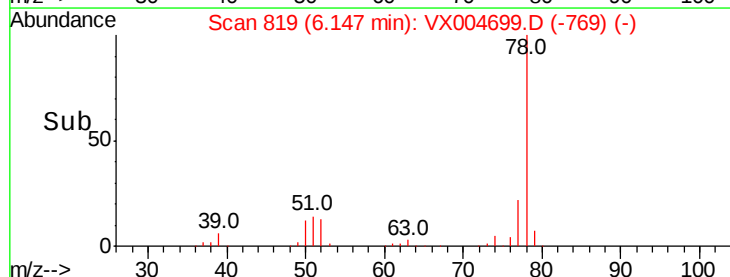
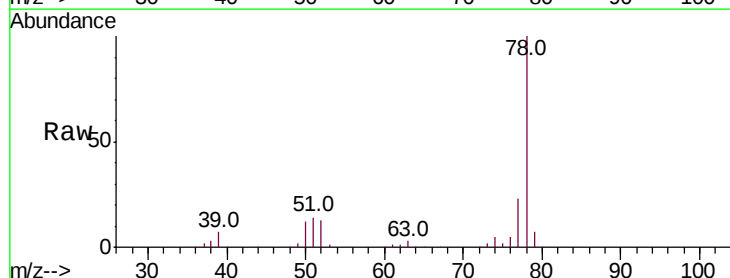
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

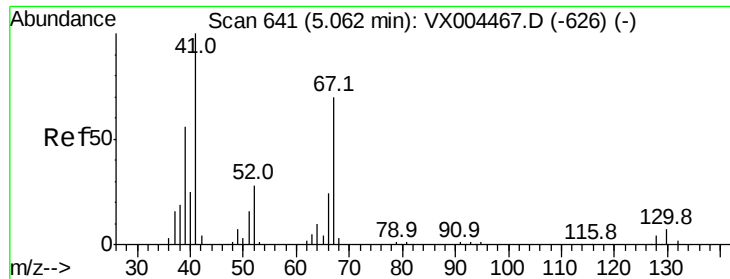
Tot Ion: 83 Resp: 81833
Ion Ratio Lower Upper
83 100
55 75.1 61.0 91.4
98 48.0 39.6 59.4



#40
Benzene
Concen: 19.594 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 78 Resp: 224034
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

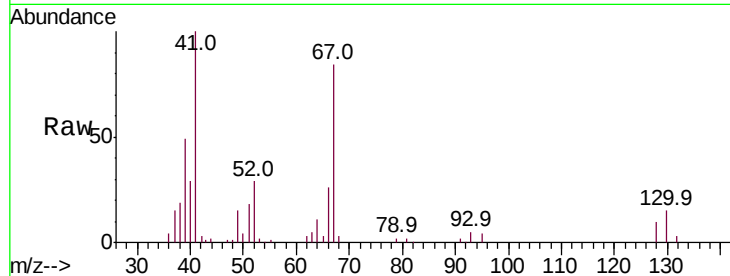




#41
Methacrylonitrile
Concen: 19.727 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

Tot Ion:	41	Resp:	47638
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.4	63.6
67	77.0	59.2	88.8
52	29.2	23.0	34.4



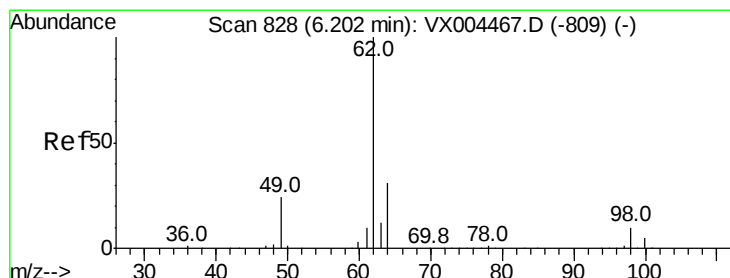
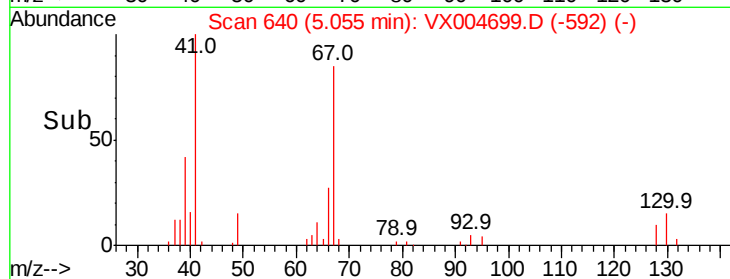
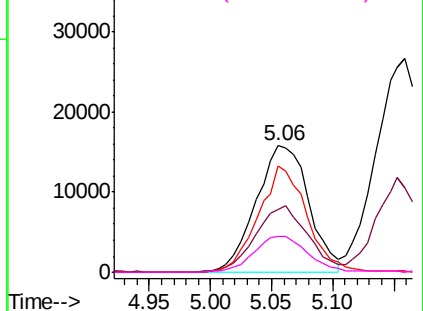
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

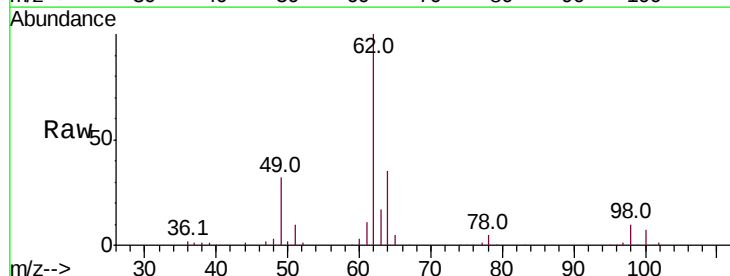
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.035 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

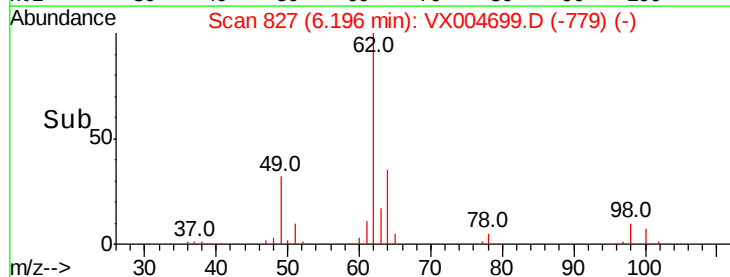
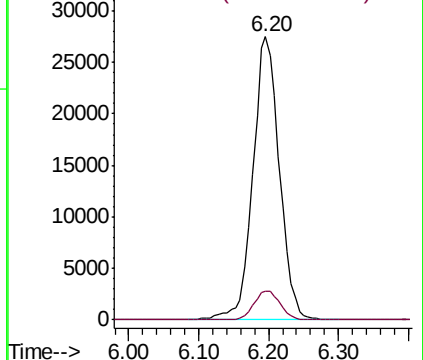
Tgt Ion:	62	Resp:	72184
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6

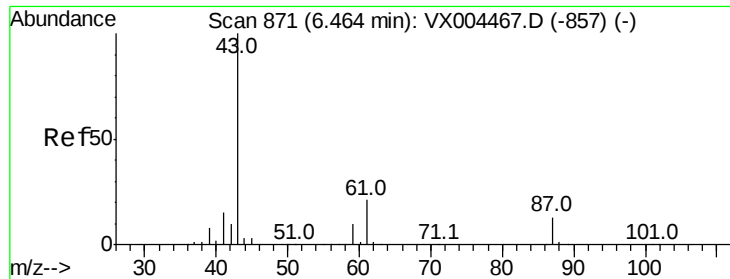


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



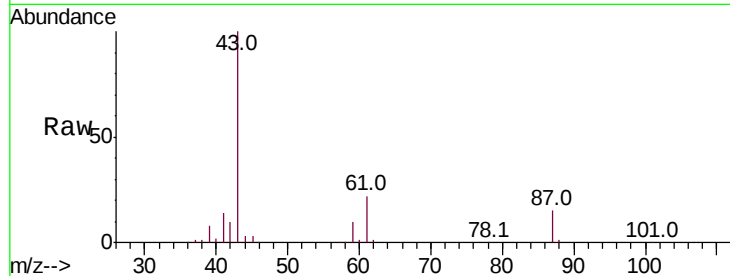


#43

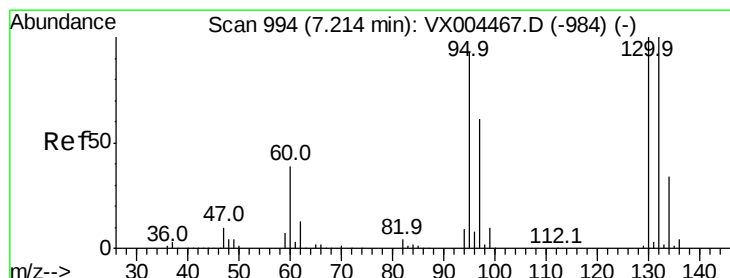
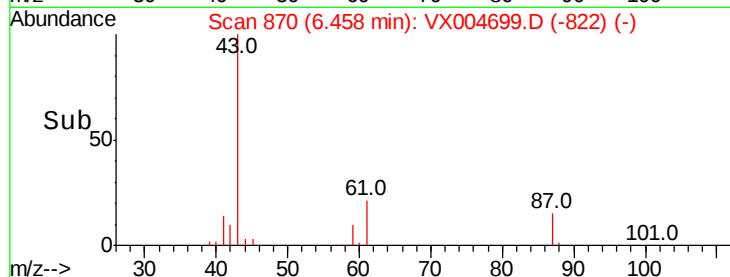
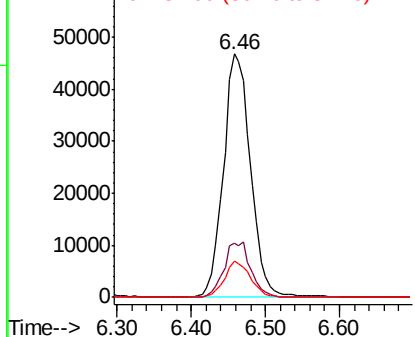
Isopropyl Acetate
 Concen: 20.346 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

Tot Ion: 43 Resp: 118443
 Ion Ratio Lower Upper
 43 100
 61 22.6 17.0 25.4
 87 14.3 11.4 17.2



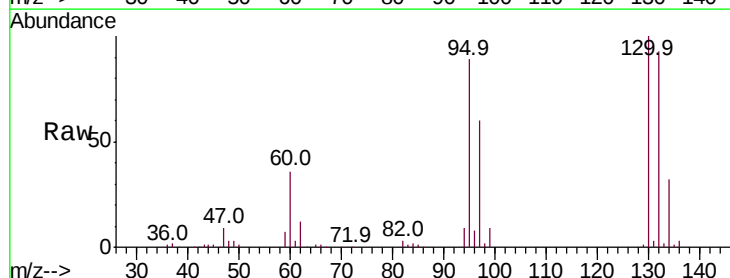
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



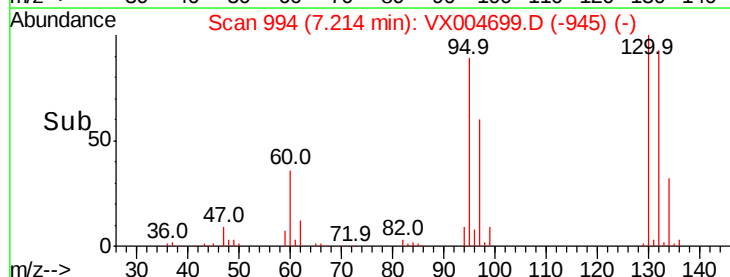
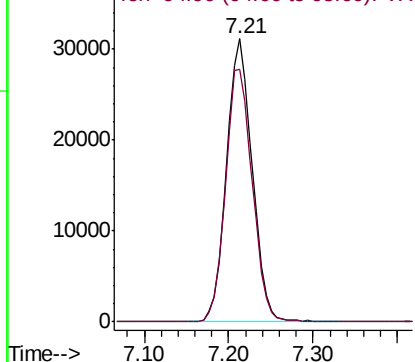
#44

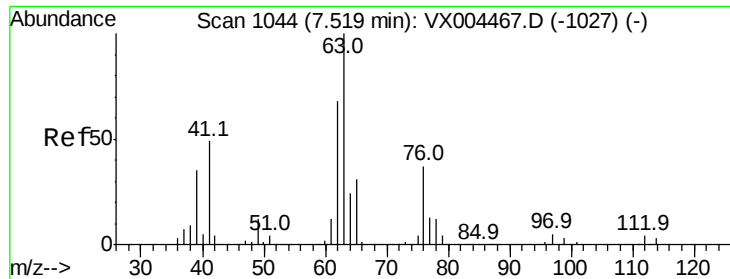
Trichloroethene
 Concen: 21.753 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion:130 Resp: 64617
 Ion Ratio Lower Upper
 130 100
 95 89.1 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: 20.907 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

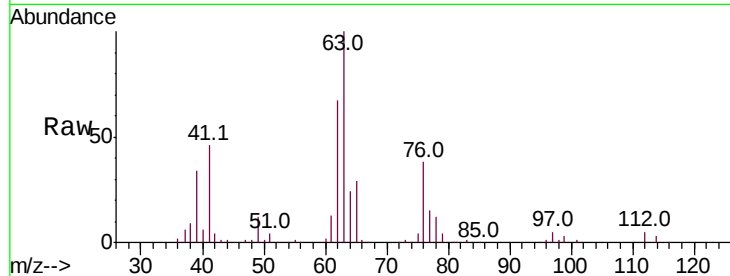
VX0919MBS01

Tot Ion: 63 Resp: 57522

Ion Ratio Lower Upper

63 100

65 29.2 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

30000

25000

20000

15000

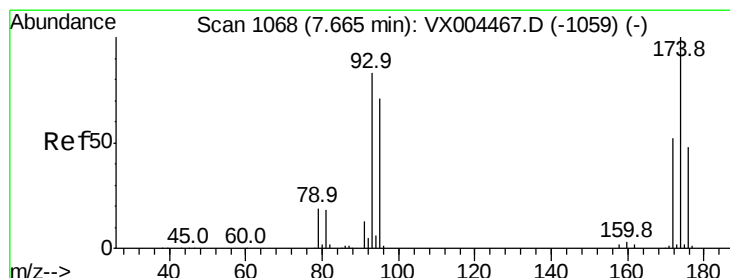
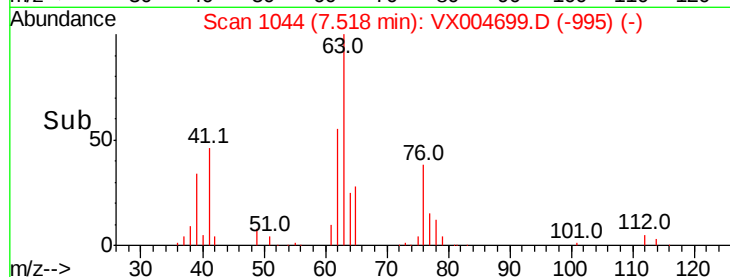
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 20.618 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

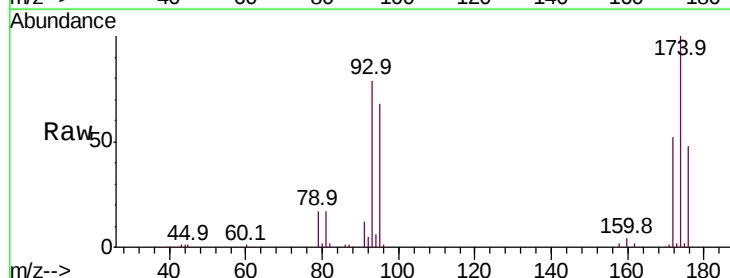
Tgt Ion: 93 Resp: 35836

Ion Ratio Lower Upper

93 100

95 84.4 65.5 98.3

174 121.5 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

30000

25000

20000

15000

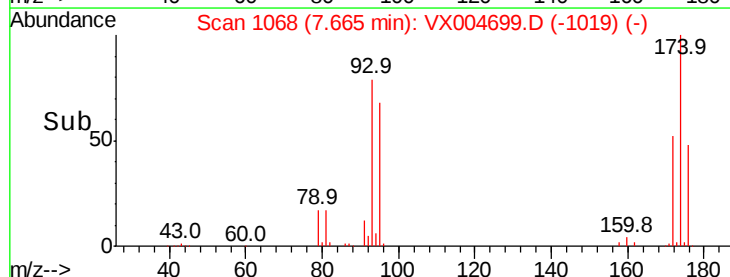
10000

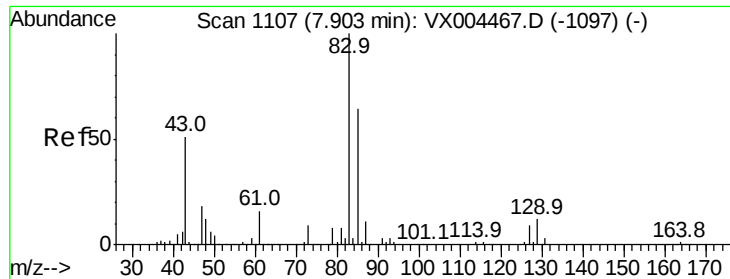
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 20.547 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

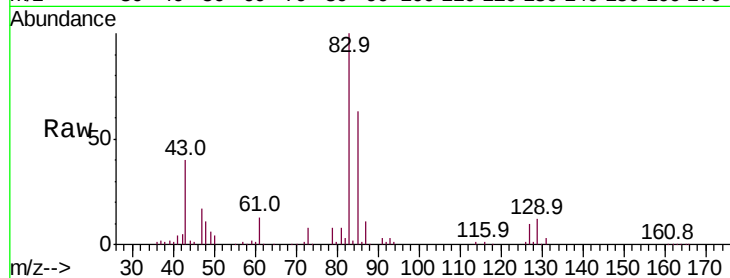
Tot Ion: 83 Resp: 67538

Ion Ratio Lower Upper

83 100

85 63.4 50.9 76.3

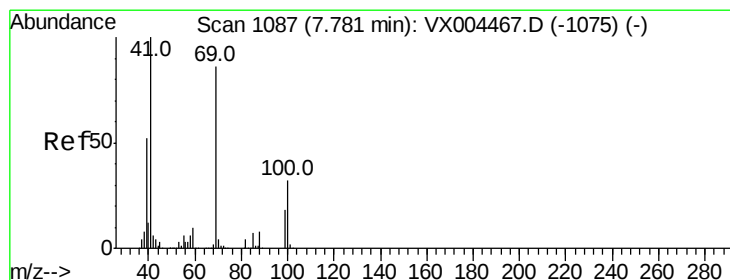
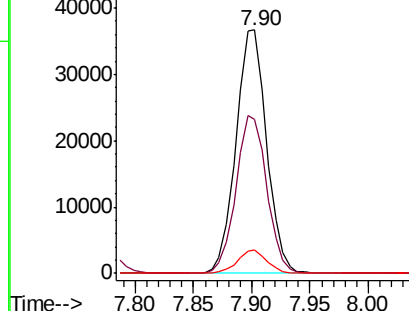
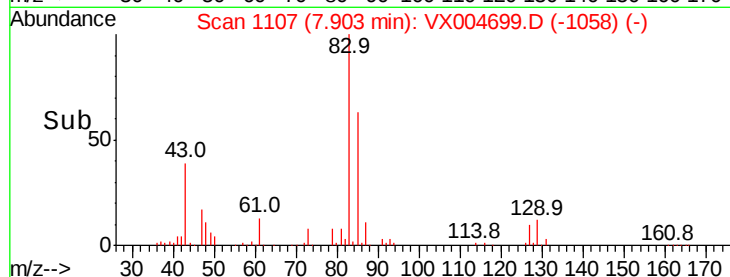
127 9.6 7.3 10.9



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: 20.578 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

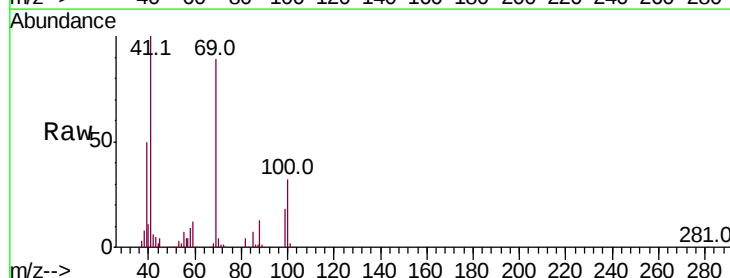
Tgt Ion: 41 Resp: 59284

Ion Ratio Lower Upper

41 100

69 88.2 70.2 105.4

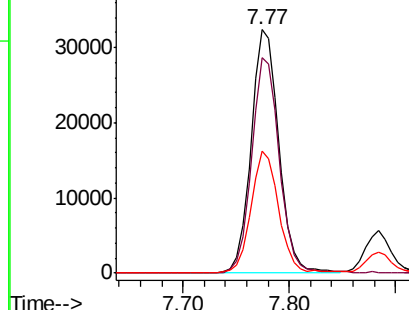
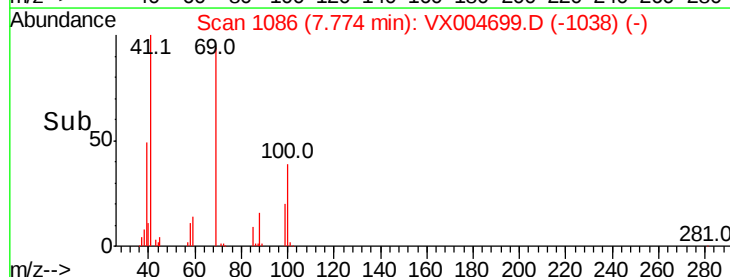
39 49.8 42.7 64.1

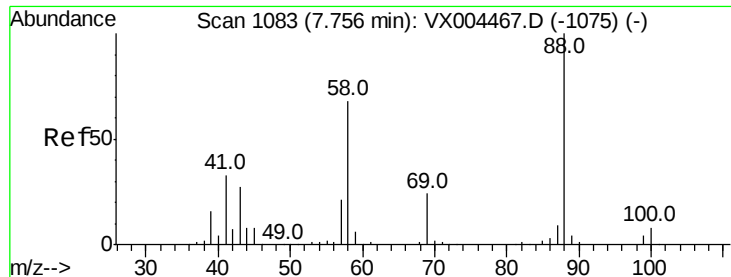


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 441.388 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

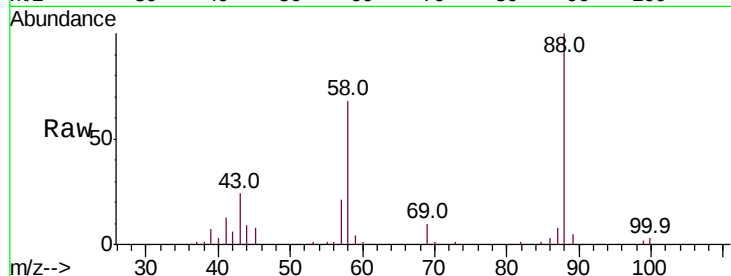
MSVOA_X

ClientSampleId :

VX0919MBS01

Tot Ion: 88 Resp: 30097

Ion	Ratio	Lower	Upper
88	100		
43	28.4	24.7	37.1
58	70.5	55.3	82.9

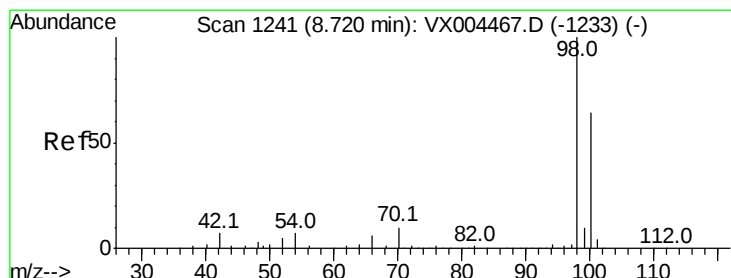
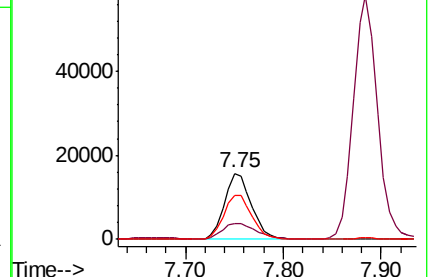
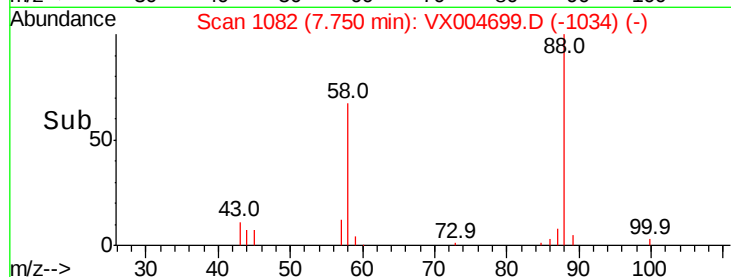


Abundance

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: 45.019 ug/l

RT: 8.71 min Scan# 1240

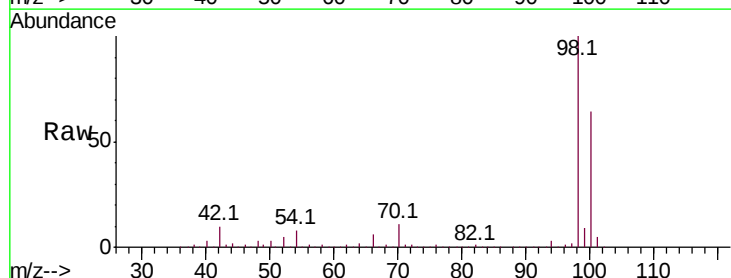
Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Tgt Ion: 98 Resp: 438525

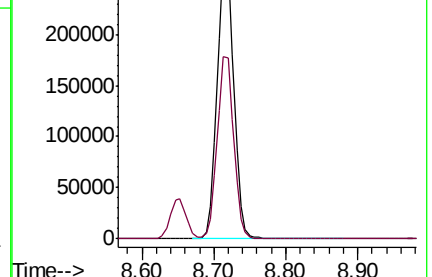
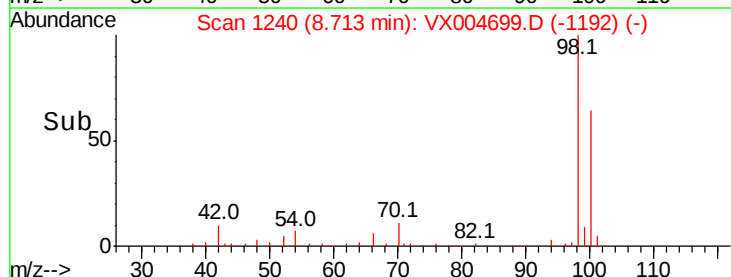
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3

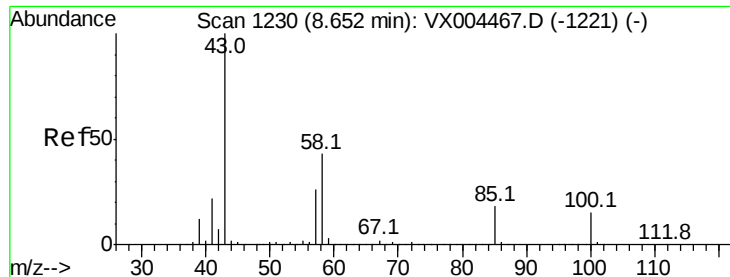


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.919 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

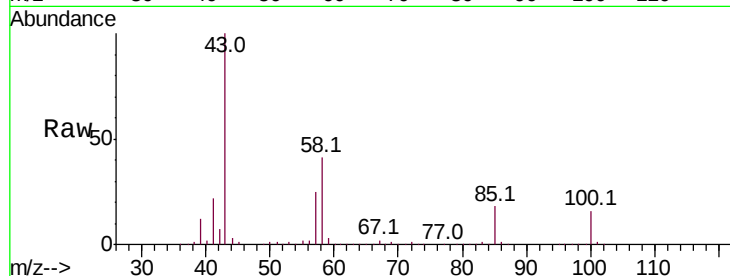
VX0919MBS01

Tot Ion: 43 Resp: 381724

Ion Ratio Lower Upper

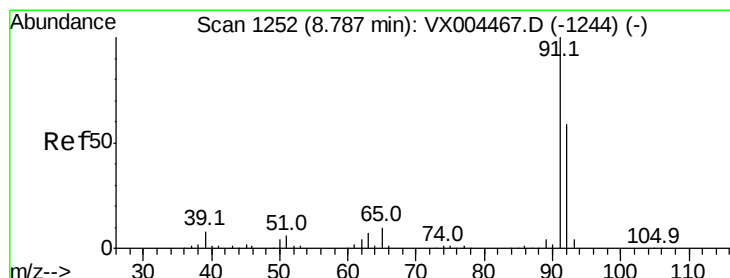
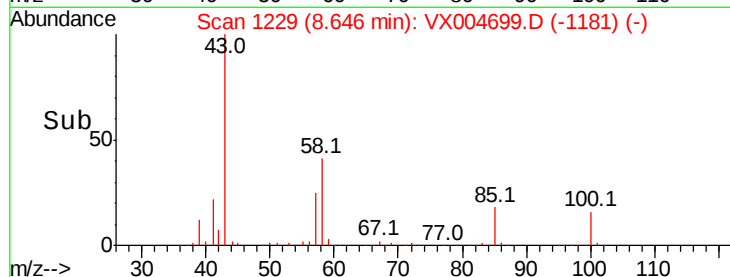
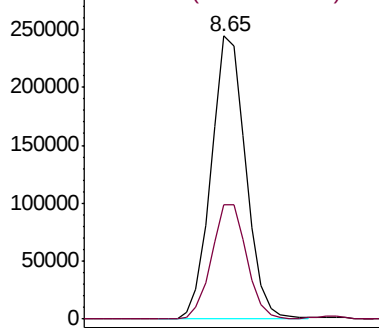
43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.301 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004699.D

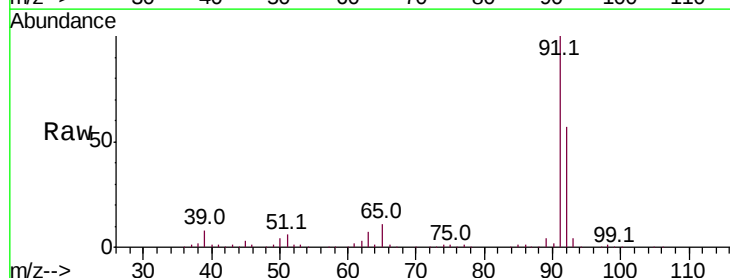
Acq: 19 Sep 2018 12:19

Tgt Ion: 92 Resp: 136757

Ion Ratio Lower Upper

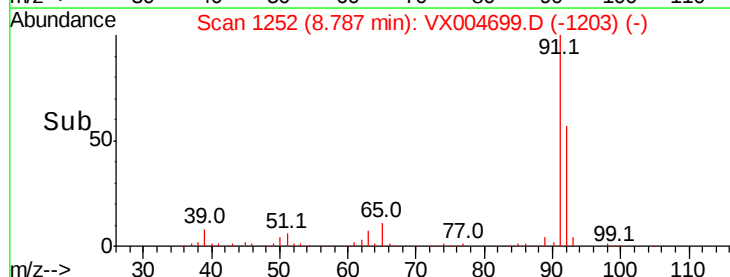
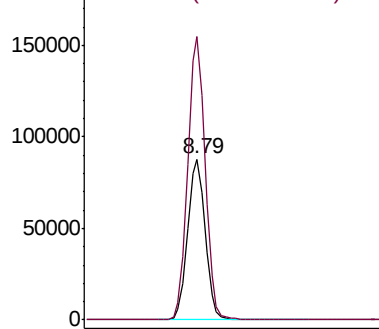
92 100

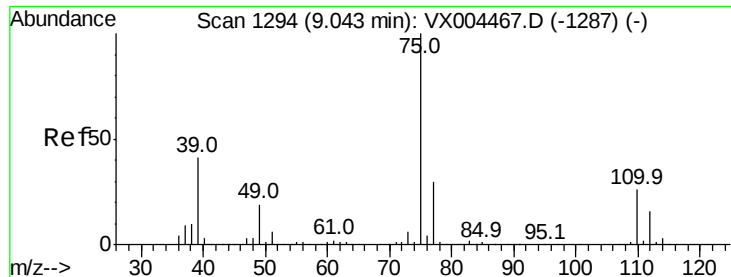
91 175.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

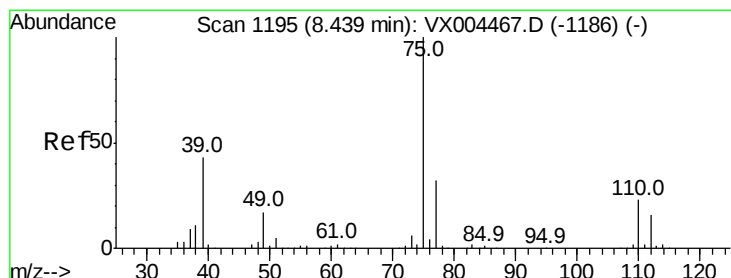
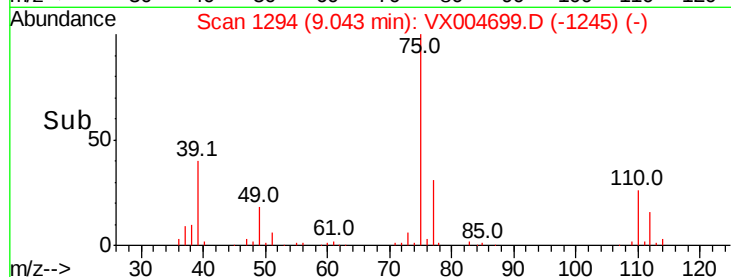
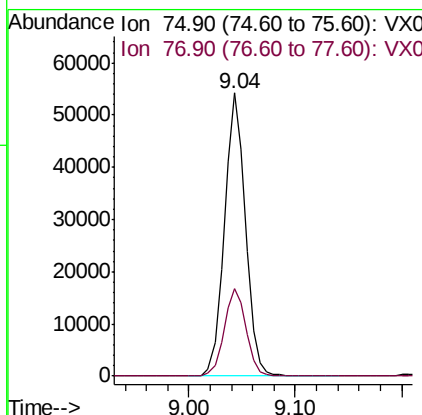
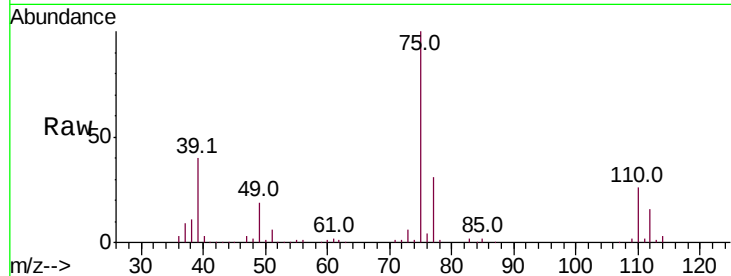




#53
 t-1,3-Dichloropropene
 Concen: 19.515 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

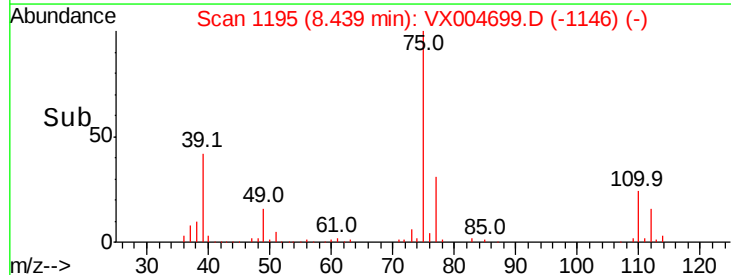
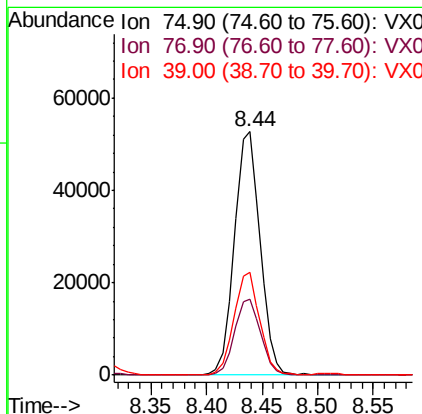
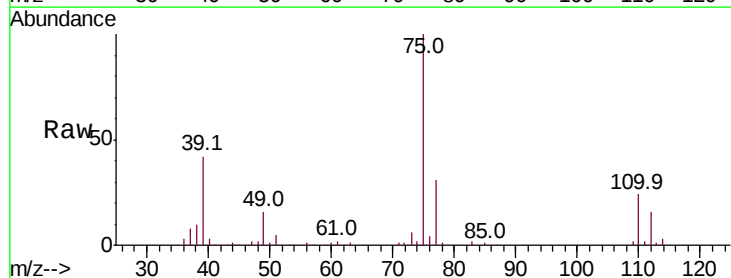
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBS01

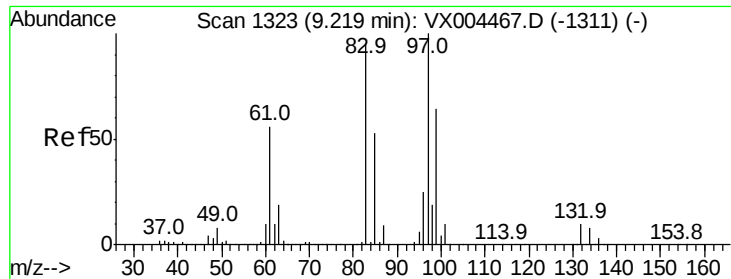
Tot Ion: 75 Resp: 74930
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.515 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion: 75 Resp: 84214
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 42.3 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 19.685 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

Tot Ion: 97 Resp: 57097

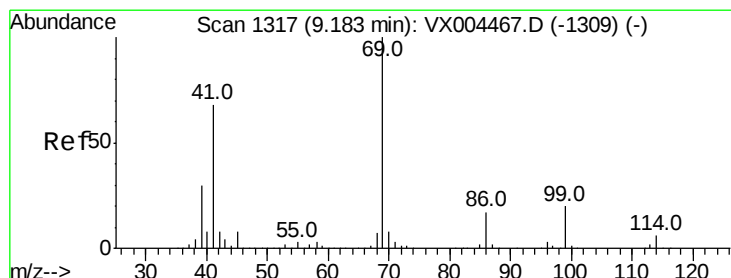
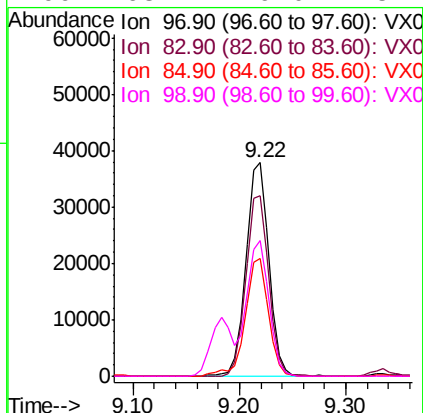
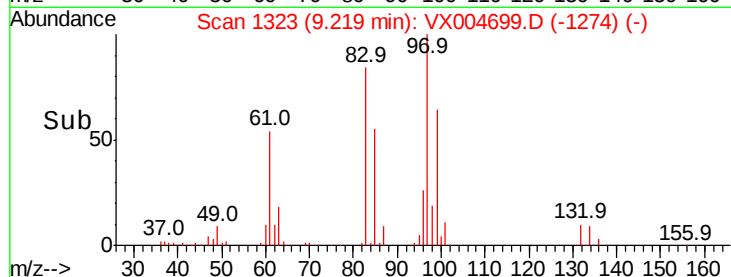
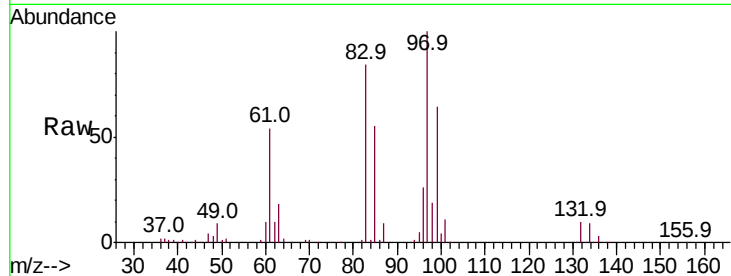
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	55.2	43.3	64.9
99	63.7	49.0	73.4

97 100

83 84.4 66.4 99.6

85 55.2 43.3 64.9

99 63.7 49.0 73.4



#56

Ethyl methacrylate

Concen: 19.480 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

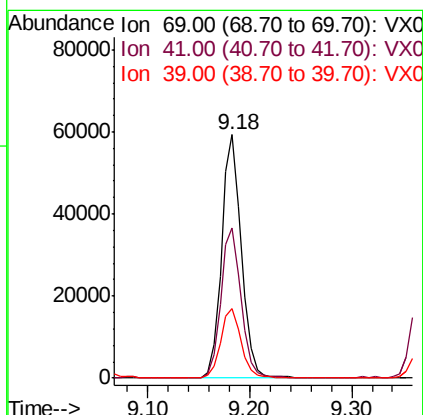
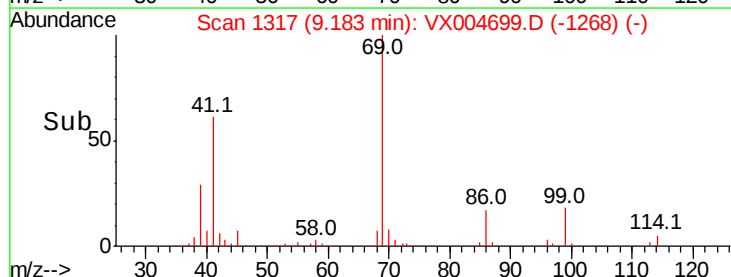
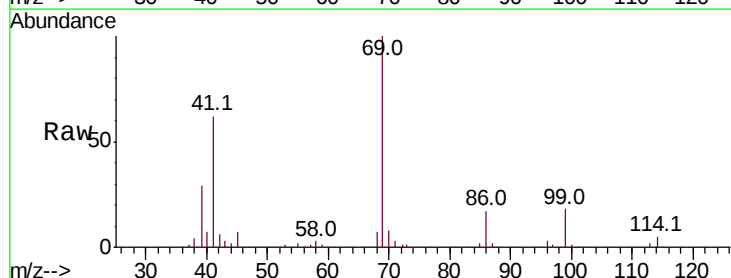
Tgt Ion: 69 Resp: 79933

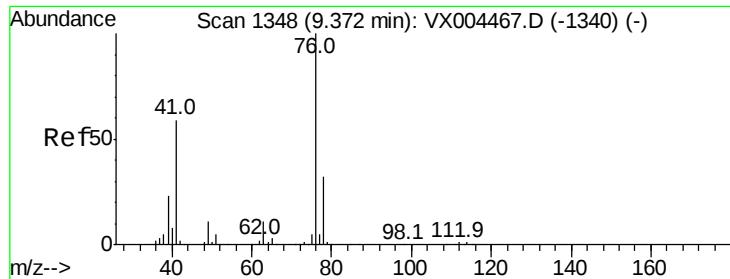
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.0	76.4
39	29.6	26.1	39.1

69 100

41 63.8 51.0 76.4

39 29.6 26.1 39.1





#57

1,3-Dichloropropane

Concen: 19.547 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

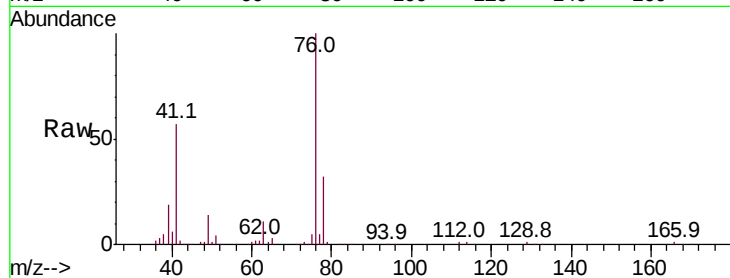
VX0919MBS01

Tot Ion: 76 Resp: 92124

Ion Ratio Lower Upper

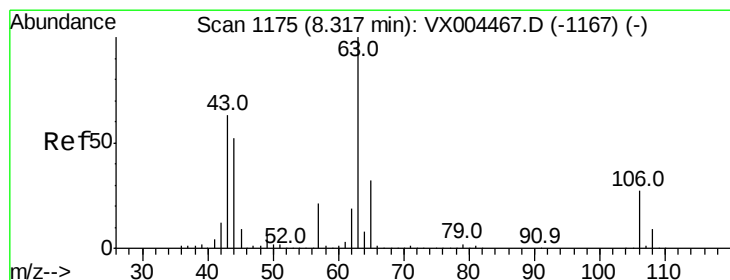
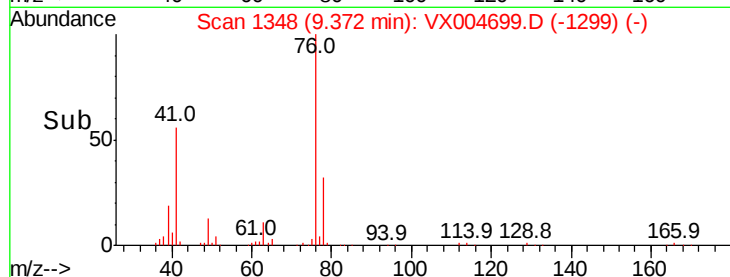
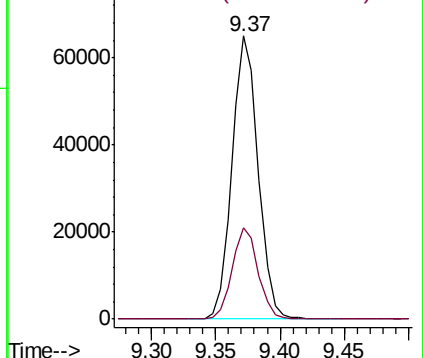
76 100

78 32.1 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: 95.067 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004699.D

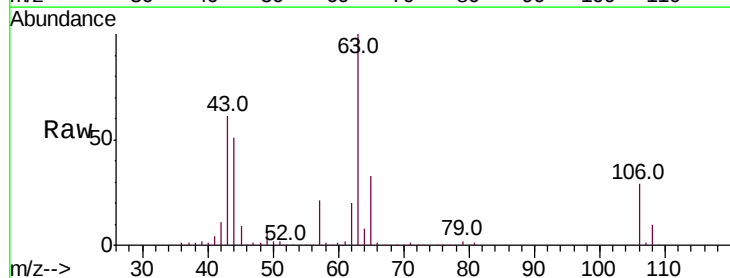
Acq: 19 Sep 2018 12:19

Tgt Ion: 63 Resp: 189049

Ion Ratio Lower Upper

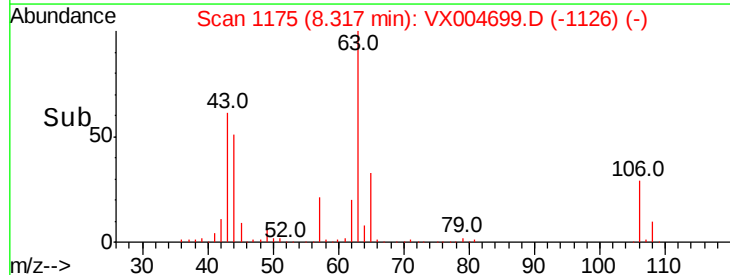
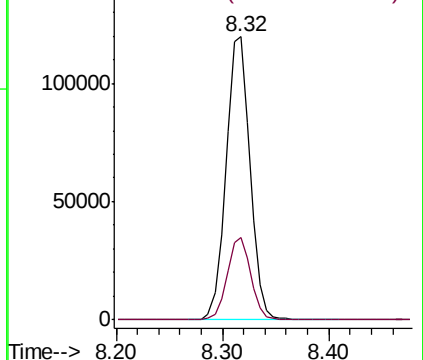
63 100

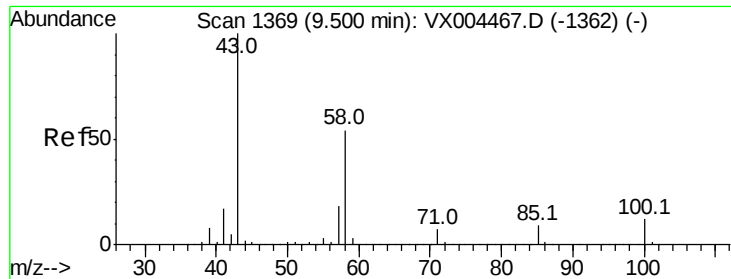
106 28.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

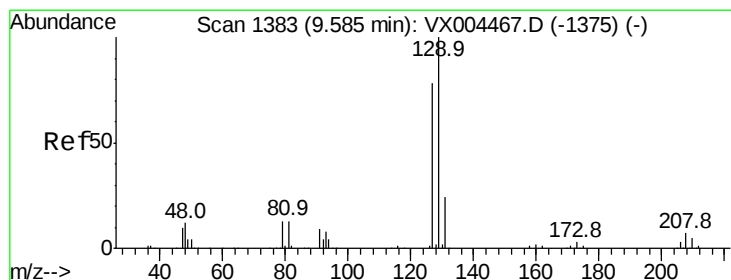
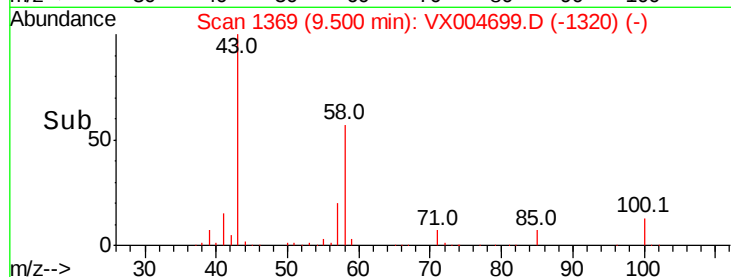
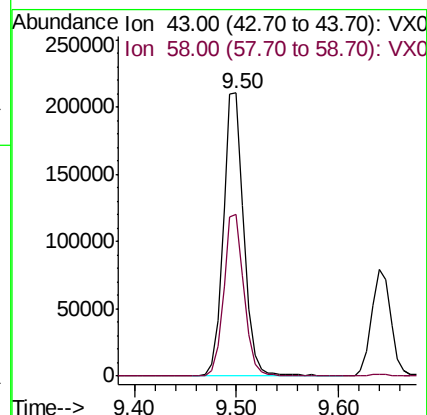
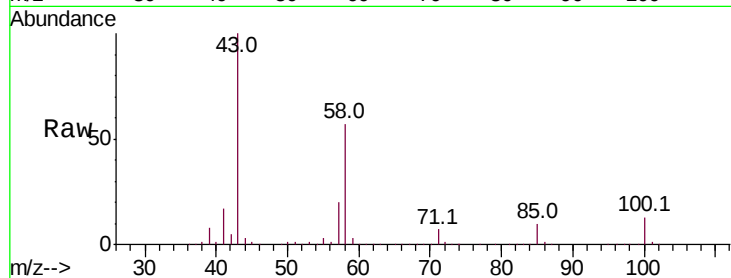




#59
2-Hexanone
Concen: 93.525 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

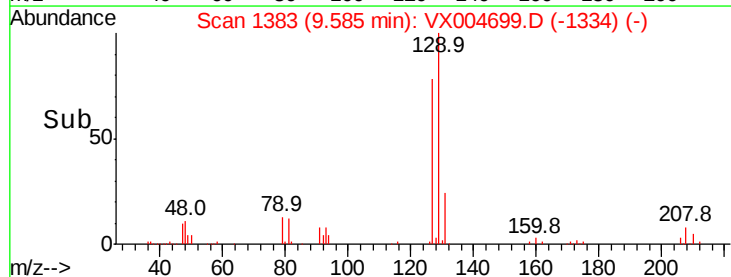
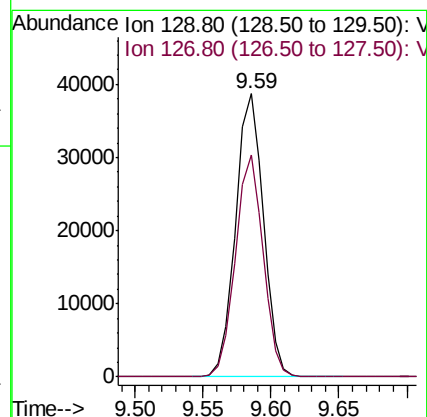
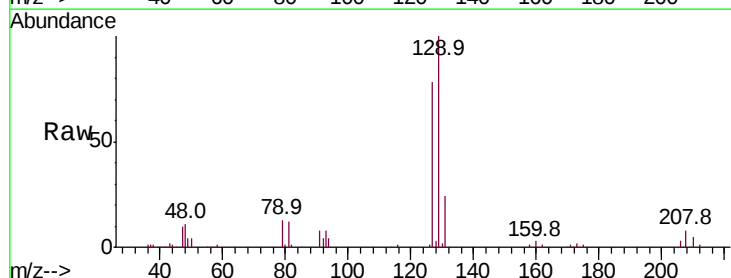
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

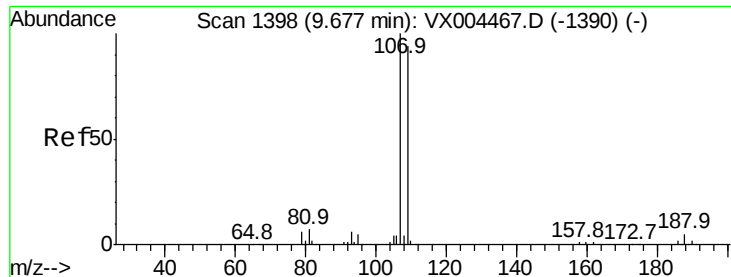
Tot Ion: 43 Resp: 294705
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.0



#60
Dibromochloromethane
Concen: 20.253 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 129 Resp: 55307
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.907 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

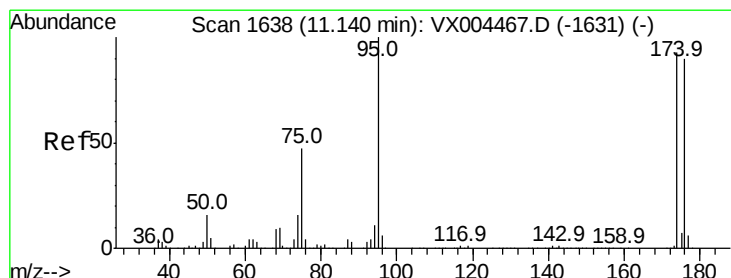
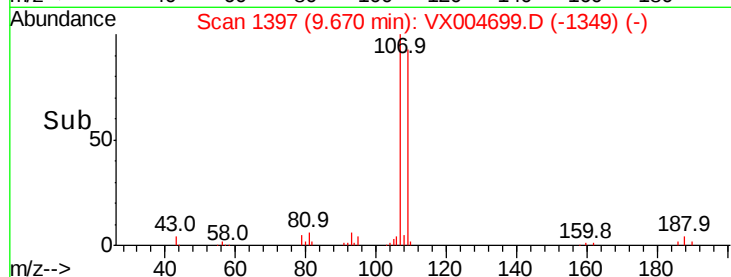
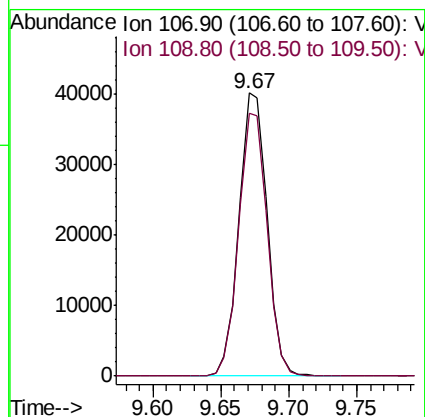
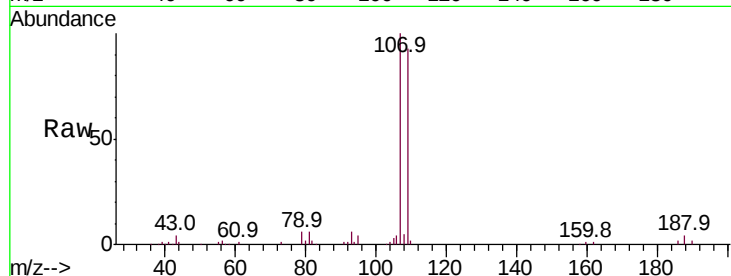
VX0919MBS01

Tot Ion:107 Resp: 57931

Ion Ratio Lower Upper

107 100

109 94.1 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 45.350 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

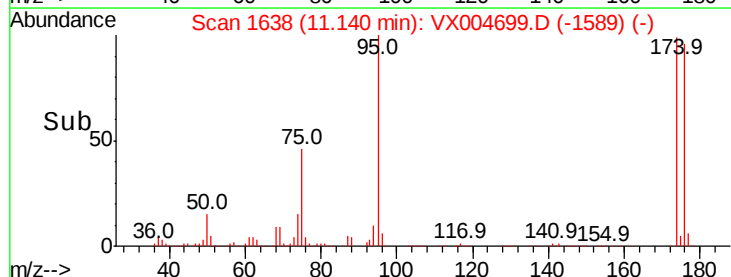
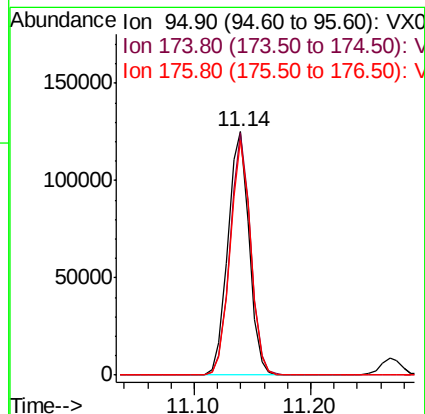
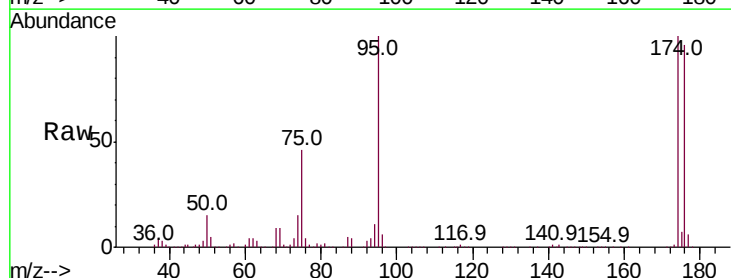
Tgt Ion: 95 Resp: 157684

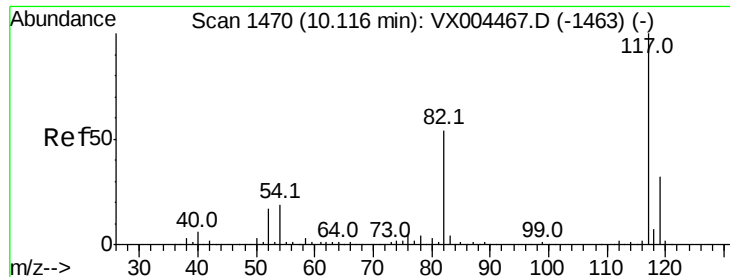
Ion Ratio Lower Upper

95 100

174 96.0 0.0 185.2

176 93.6 0.0 178.6

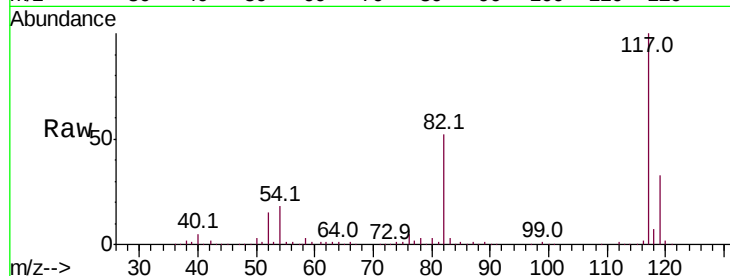




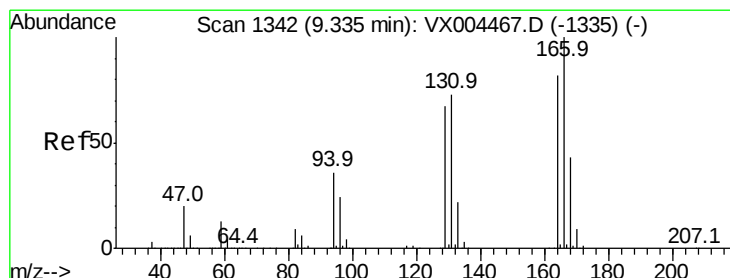
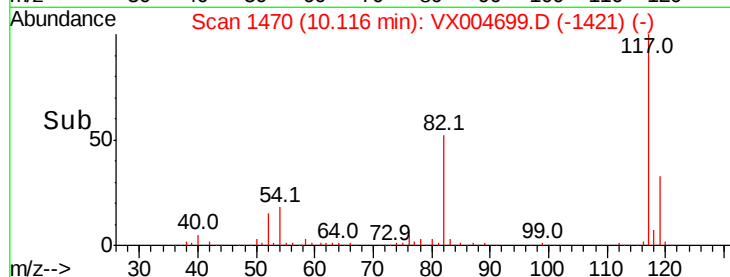
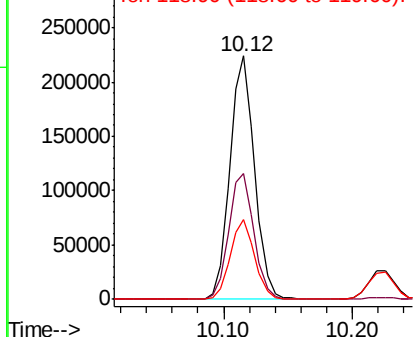
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

Tot Ion:117 Resp: 300234
Ion Ratio Lower Upper
117 100
82 51.7 47.8 71.6
119 32.5 29.3 43.9

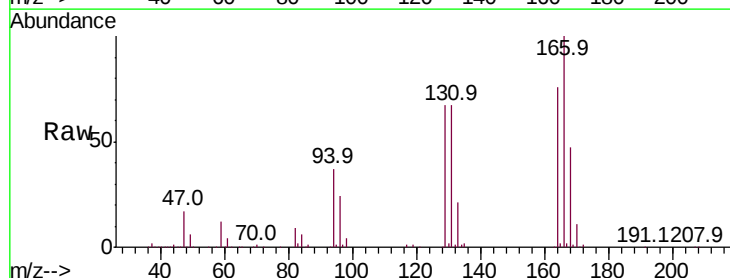


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

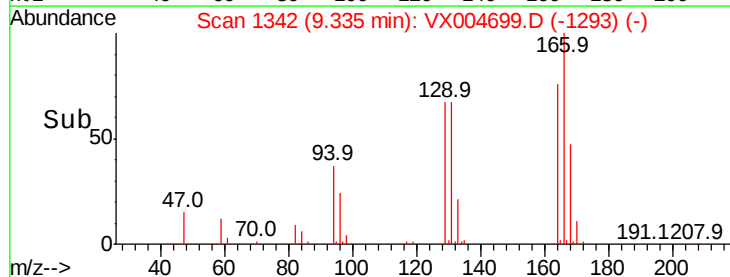
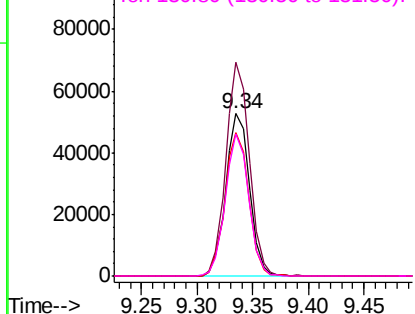


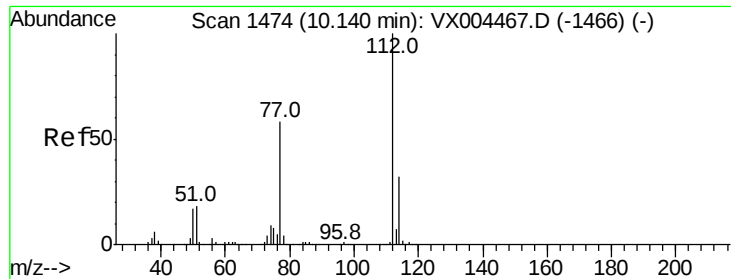
#64
Tetrachloroethene
Concen: 20.700 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion:164 Resp: 77594
Ion Ratio Lower Upper
164 100
166 131.5 102.8 154.2
129 88.5 69.4 104.0
131 87.8 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: 20.833 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

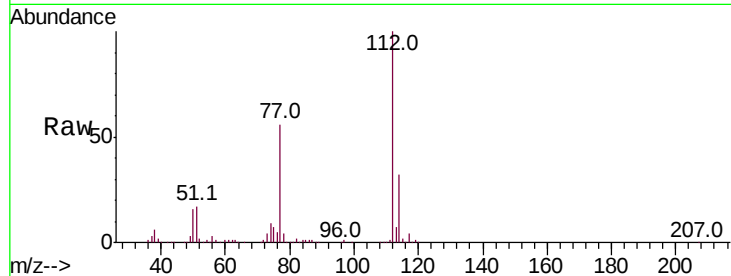
VX0919MBS01

Tot Ion:112 Resp: 155366

Ion Ratio Lower Upper

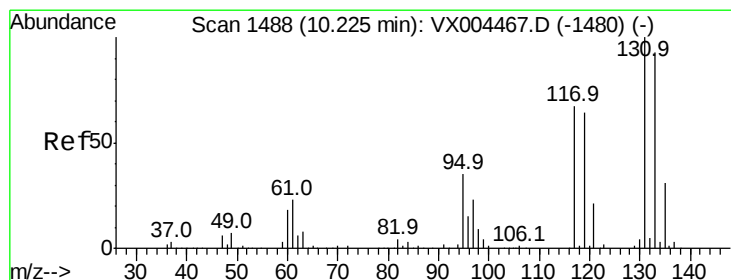
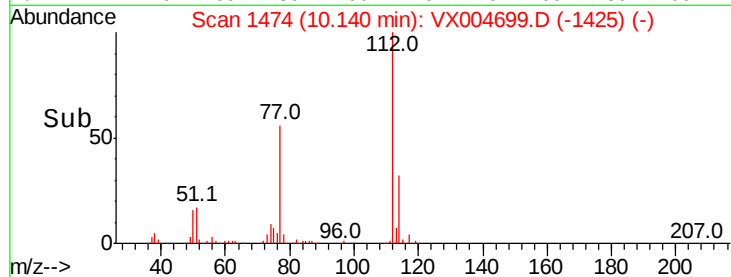
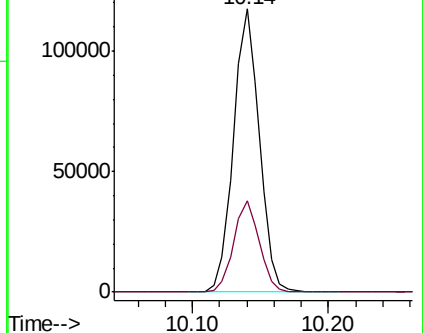
112 100

114 32.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.105 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

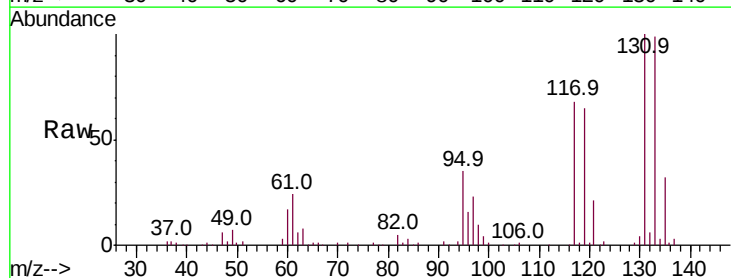
Tgt Ion:131 Resp: 54277

Ion Ratio Lower Upper

131 100

133 97.2 48.1 144.4

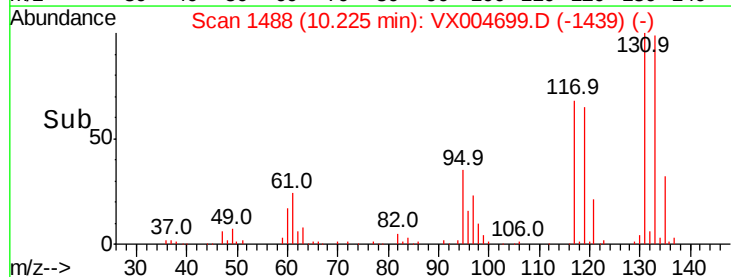
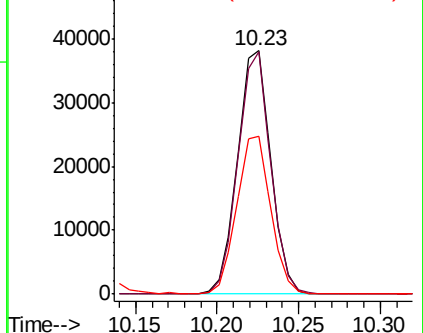
119 66.2 32.9 98.6

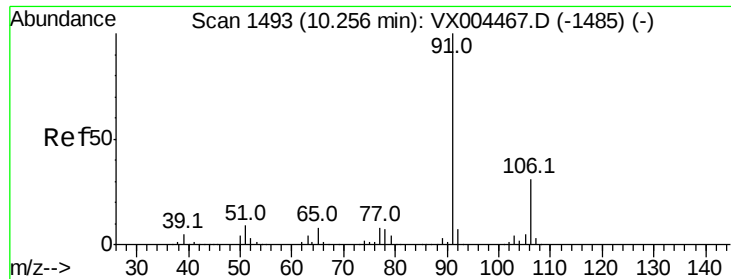


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

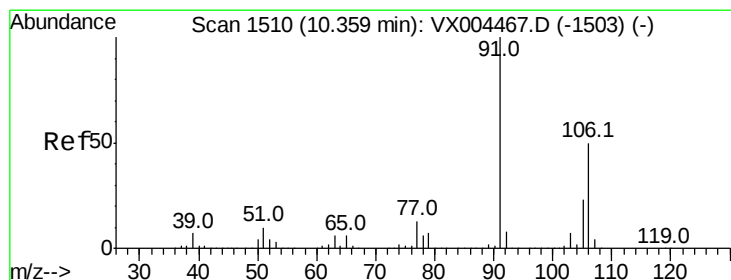
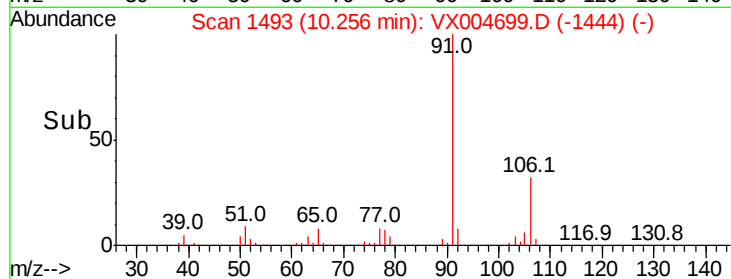
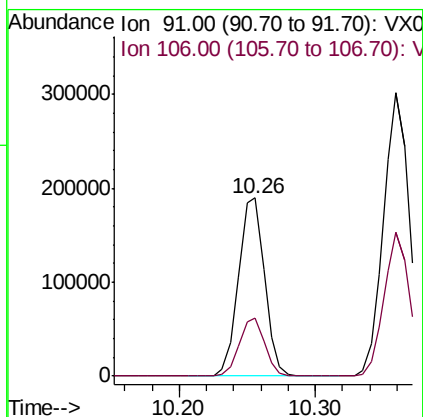
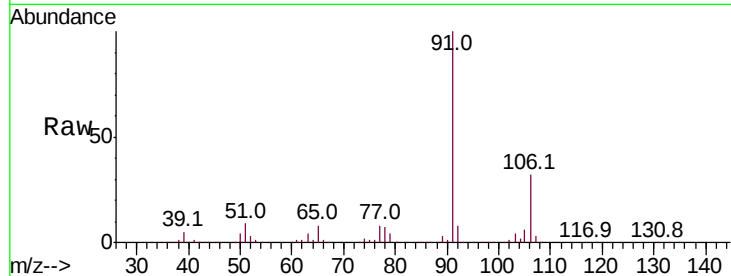




#67
Ethyl Benzene
Concen: 20.955 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

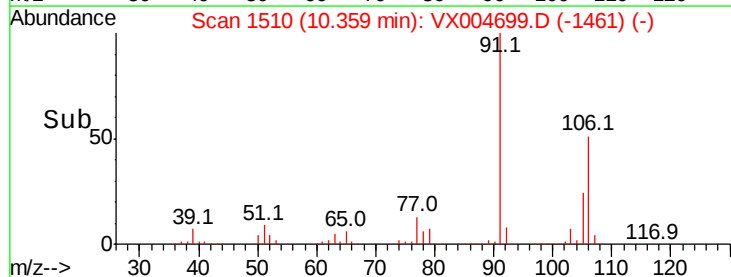
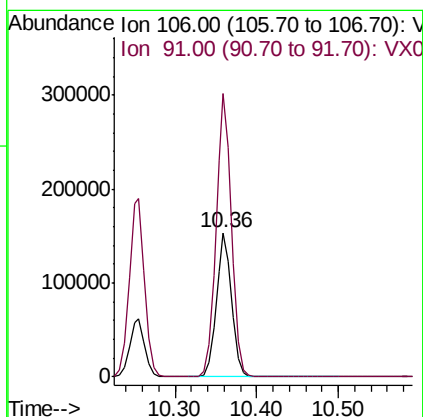
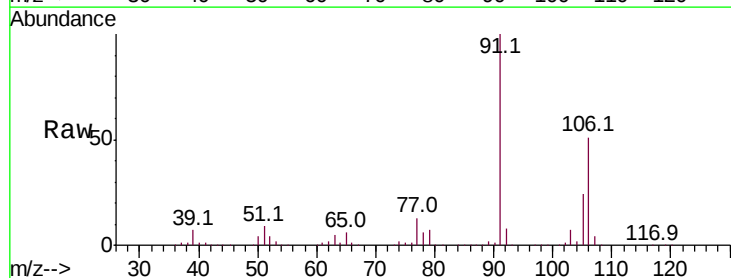
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

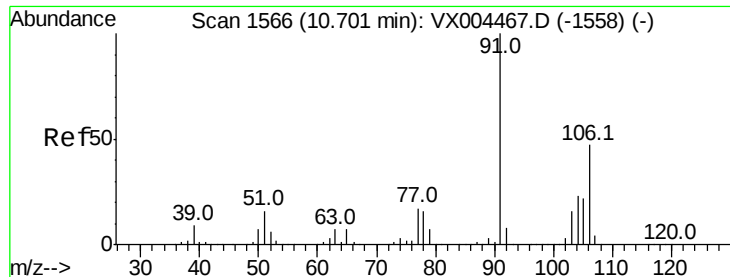
Tot Ion: 91 Resp: 254102
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



#68
m/p-Xylenes
Concen: 43.101 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 106 Resp: 201328
Ion Ratio Lower Upper
106 100
91 199.2 157.1 235.7

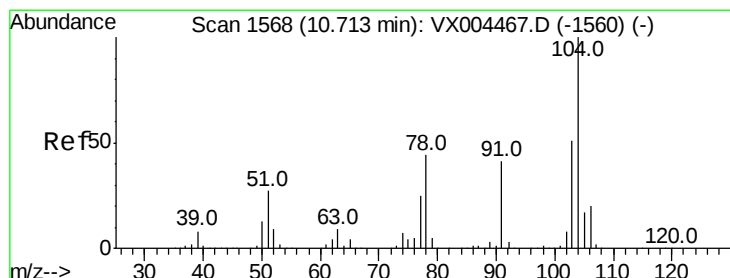
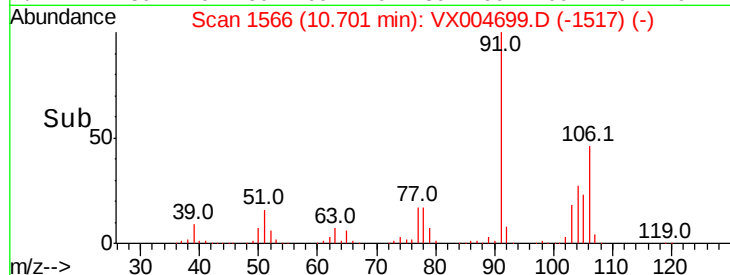
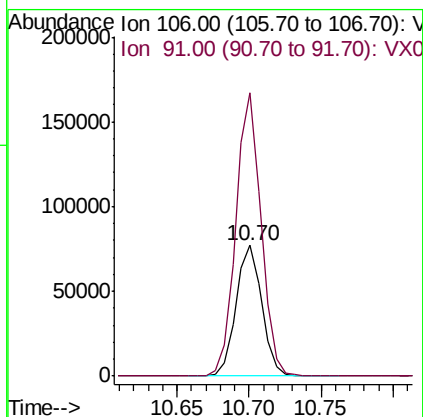
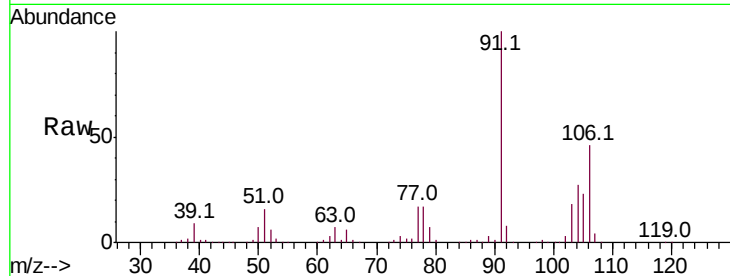




#69
o-Xylene
Concen: 21.467 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

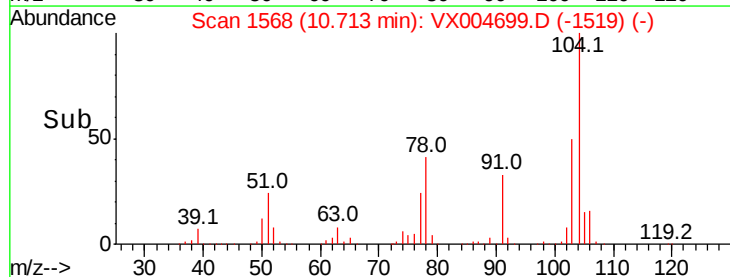
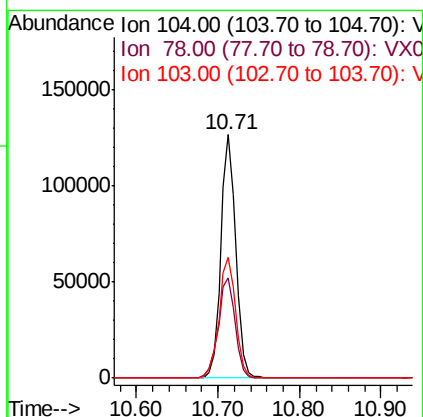
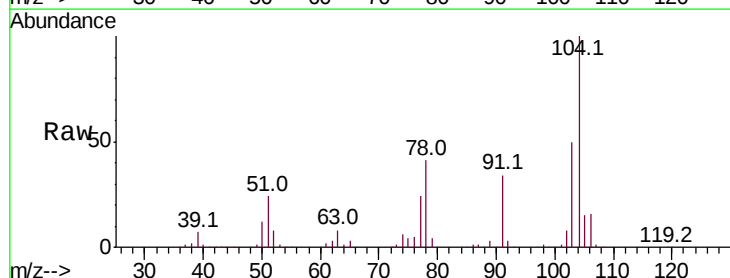
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

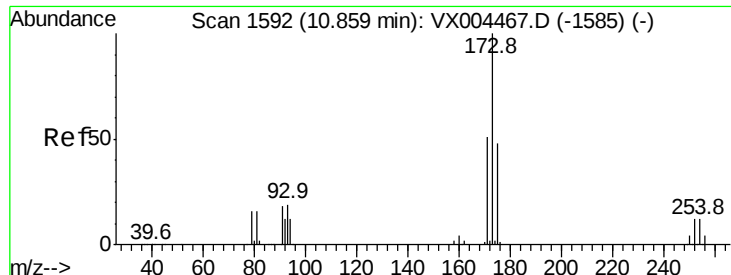
Tot Ion:106 Resp: 96403
Ion Ratio Lower Upper
106 100
91 212.3 105.1 315.1



#70
Styrene
Concen: 21.879 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion:104 Resp: 162778
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.701 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

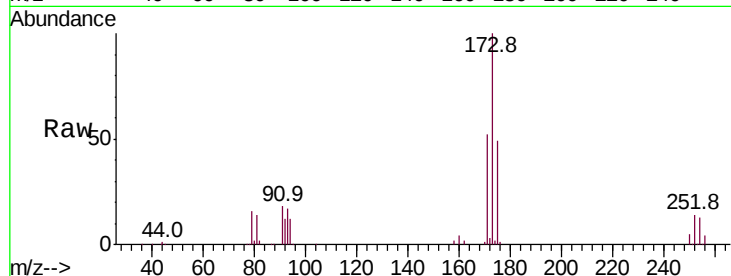
Tot Ion:173 Resp: 43713

Ion Ratio Lower Upper

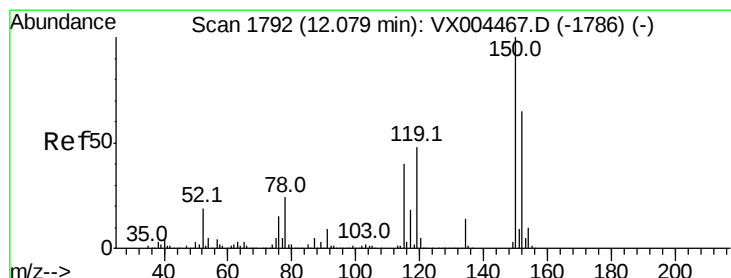
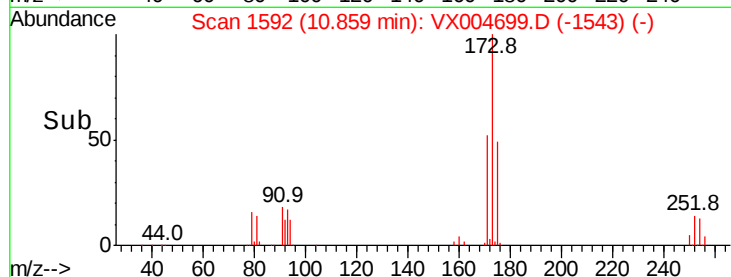
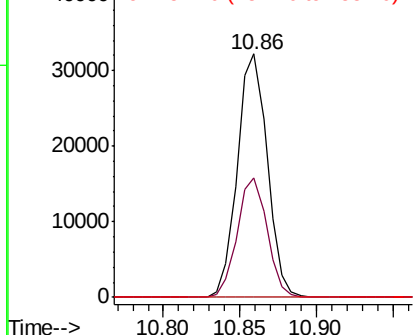
173 100

175 49.0 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

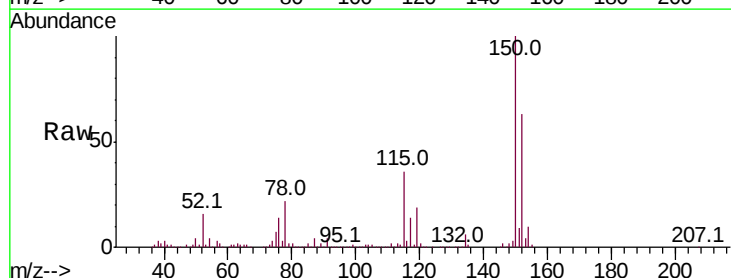
Tgt Ion:152 Resp: 181939

Ion Ratio Lower Upper

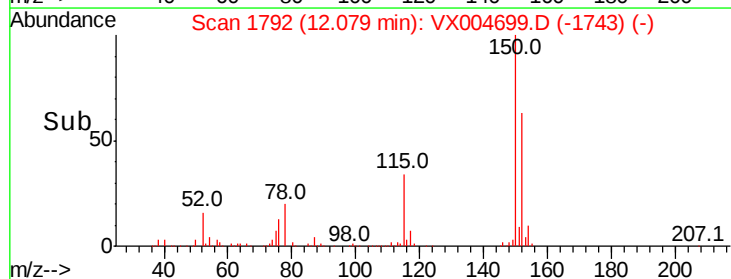
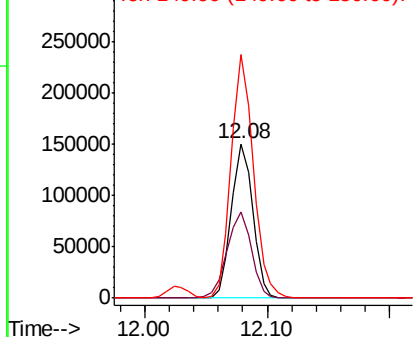
152 100

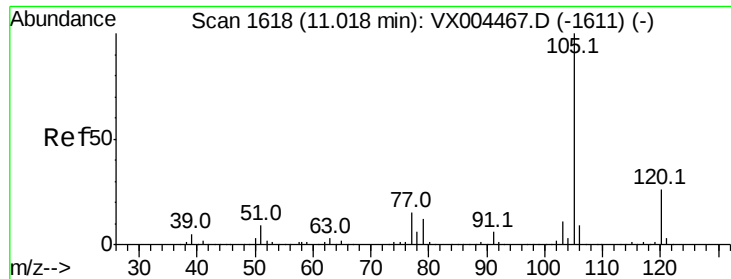
115 63.8 39.0 117.0

150 163.7 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: 22.238 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

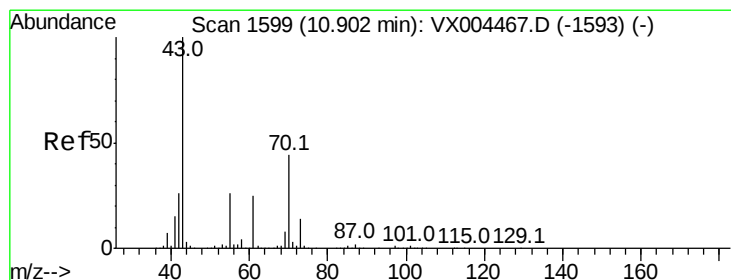
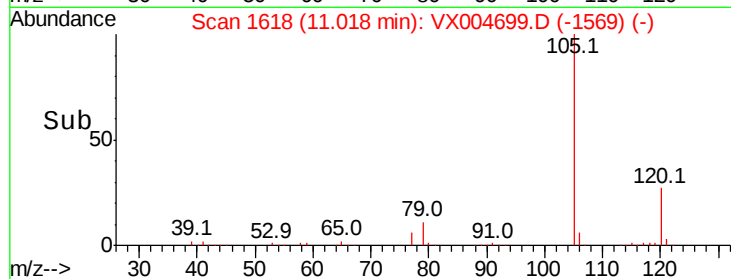
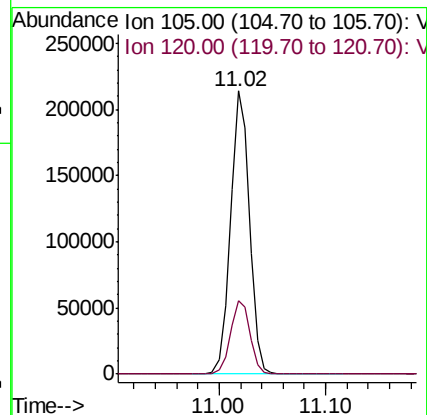
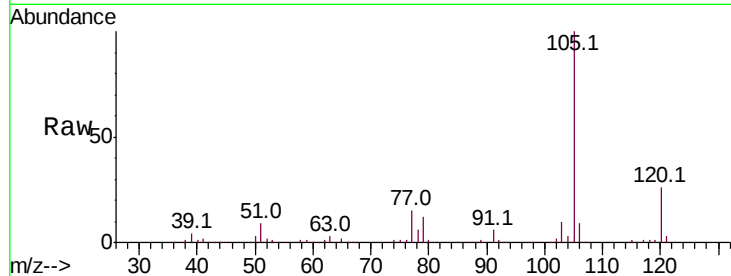
VX0919MBS01

Tot Ion:105 Resp: 266457

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 20.238 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Tgt Ion: 43 Resp: 102071

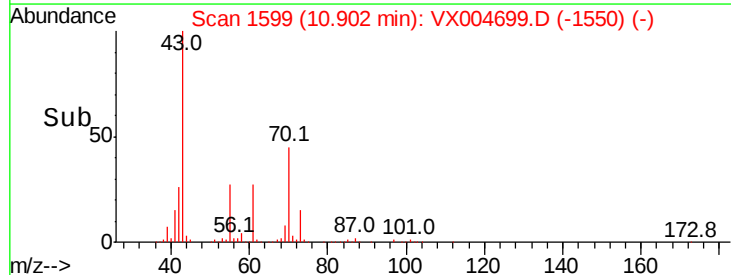
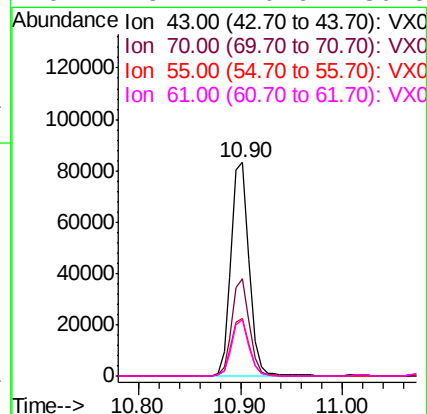
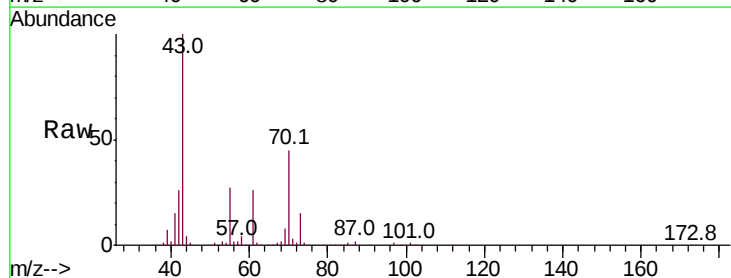
Ion Ratio Lower Upper

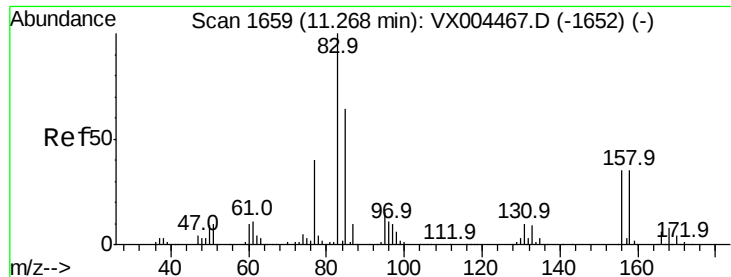
43 100

70 44.0 37.4 56.0

55 27.2 21.8 32.8

61 25.1 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.107 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

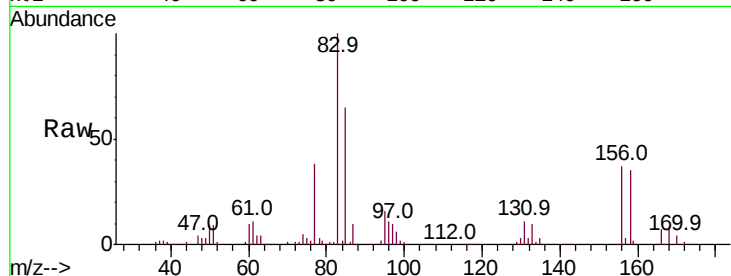
Tot Ion: 83 Resp: 73847

Ion Ratio Lower Upper

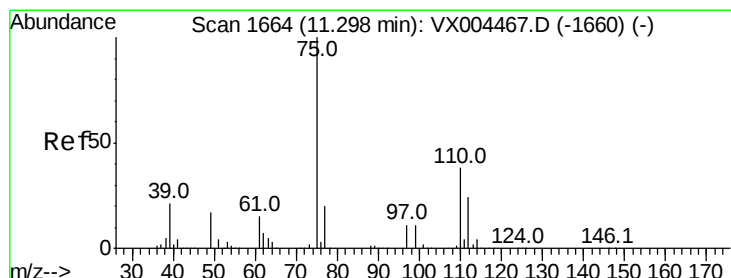
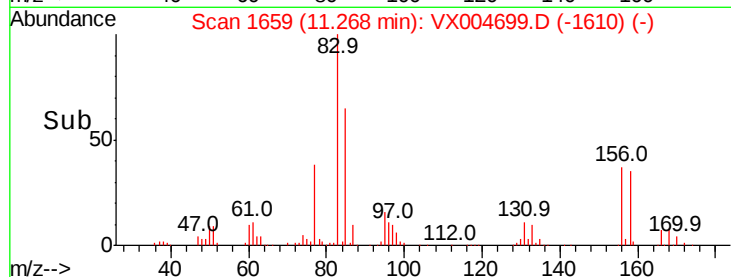
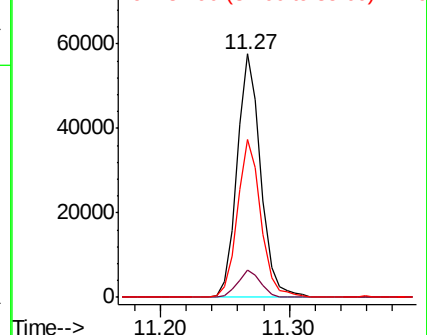
83 100

131 10.9 5.2 15.6

85 64.8 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: 26.129 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004699.D

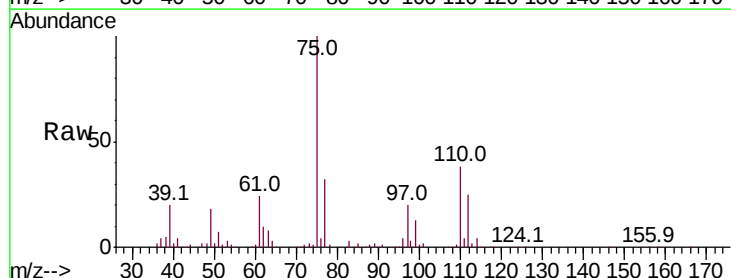
Acq: 19 Sep 2018 12:19

Tgt Ion: 75 Resp: 95642

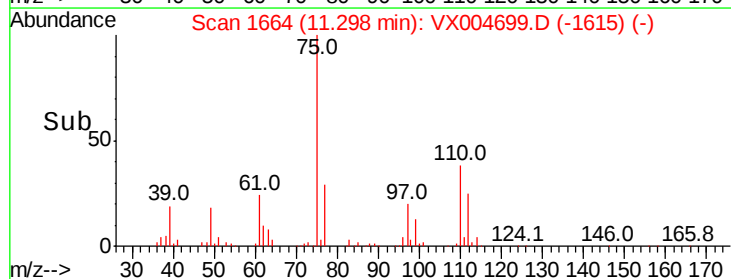
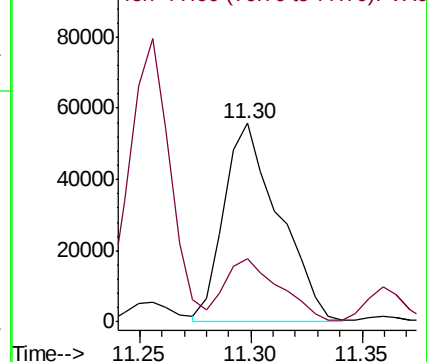
Ion Ratio Lower Upper

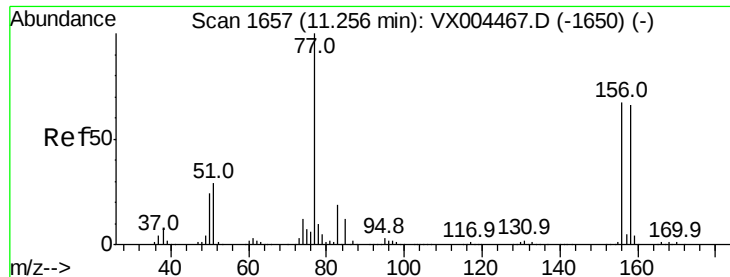
75 100

77 31.9 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: 21.545 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

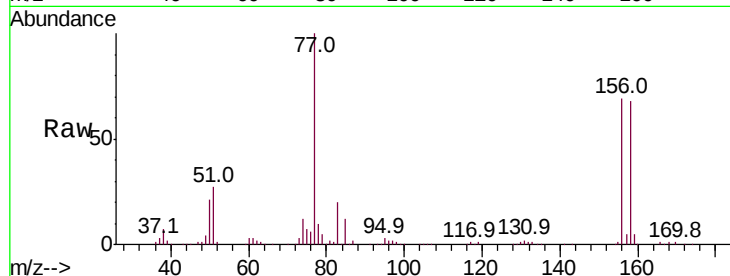
Tot Ion:156 Resp: 71357

Ion Ratio Lower Upper

156 100

77 142.1 71.5 214.3

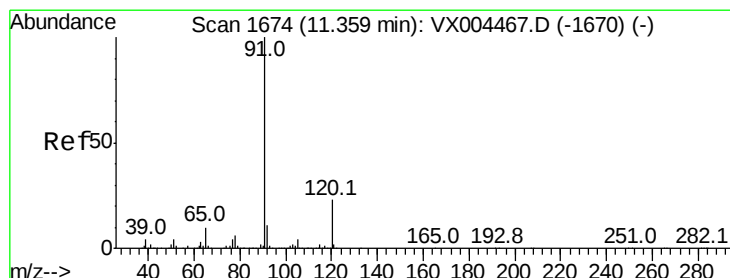
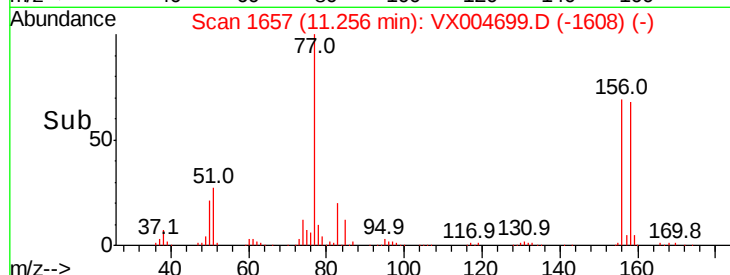
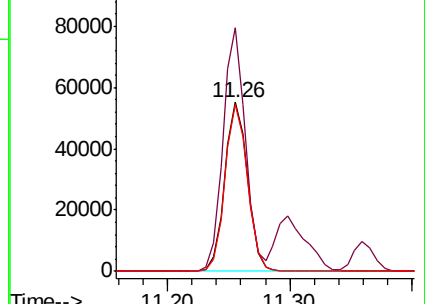
158 97.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.657 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004699.D

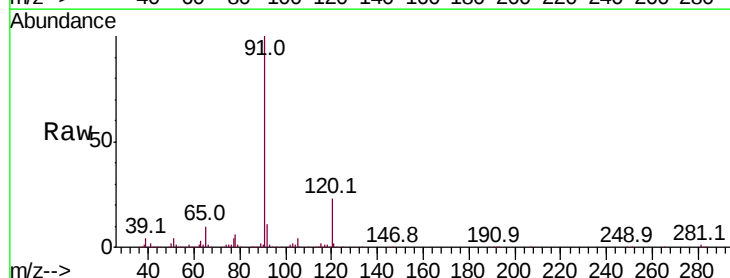
Acq: 19 Sep 2018 12:19

Tgt Ion: 91 Resp: 298379

Ion Ratio Lower Upper

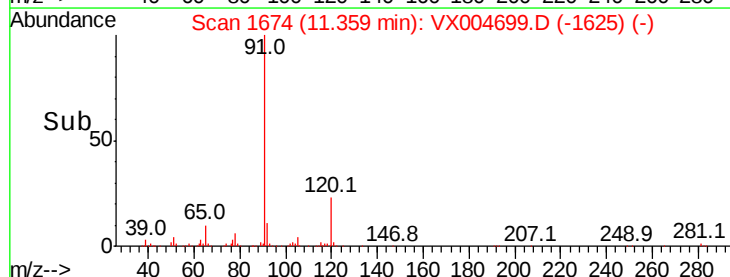
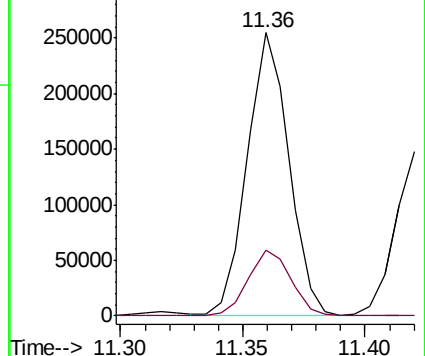
91 100

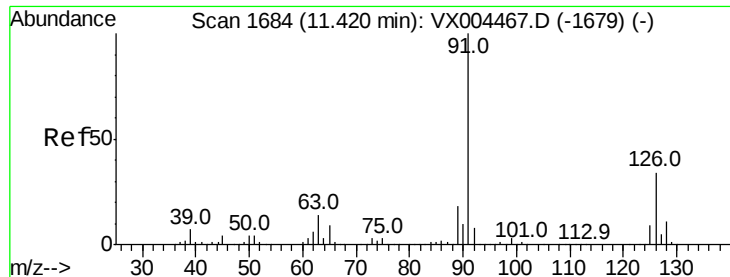
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

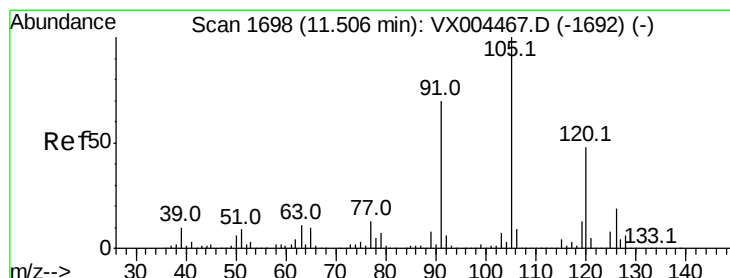
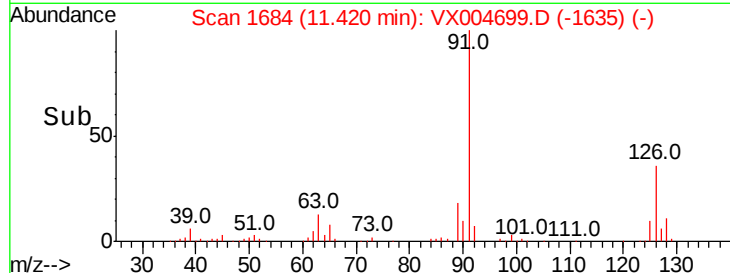
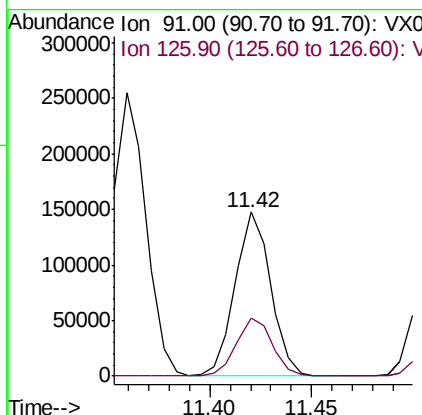
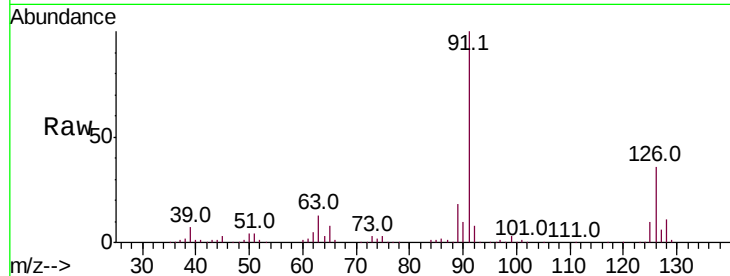




#79
 2-Chlorotoluene
 Concen: 21.218 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

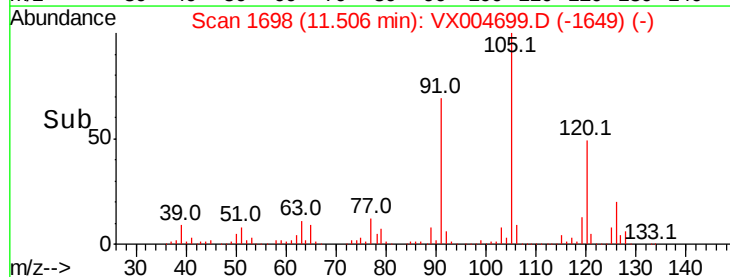
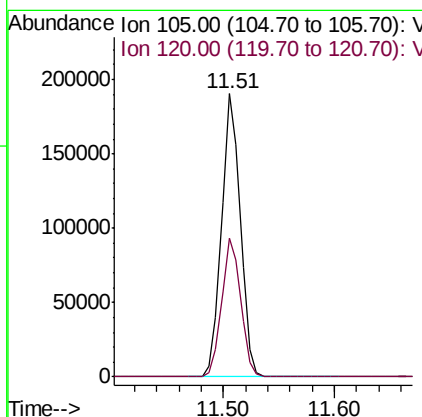
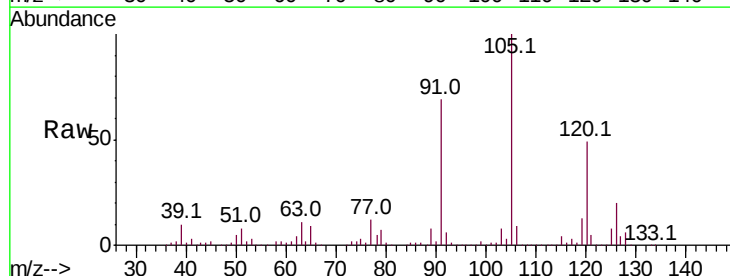
Instrument :
 MSVOA_X
 ClientSampled :
 VX0919MBS01

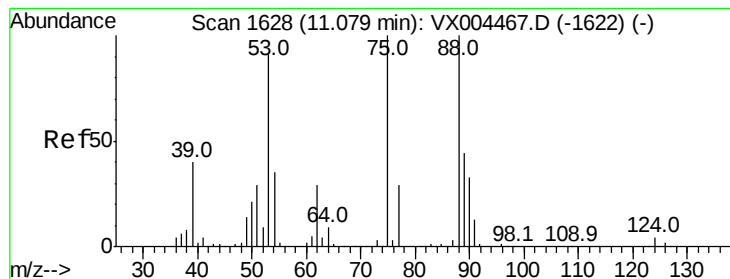
Tot Ion: 91 Resp: 177295
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.118 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion:105 Resp: 222794
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.714 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

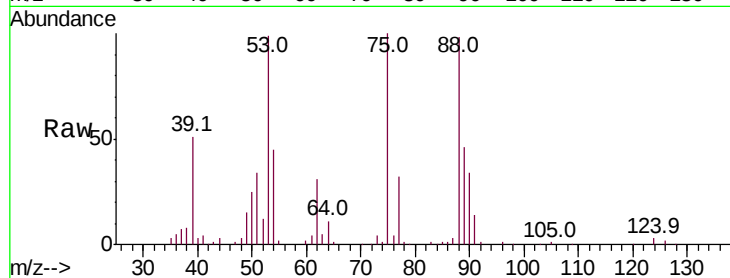
Tot Ion: 75 Resp: 23788

Ion Ratio Lower Upper

75 100

53 96.8 80.1 120.1

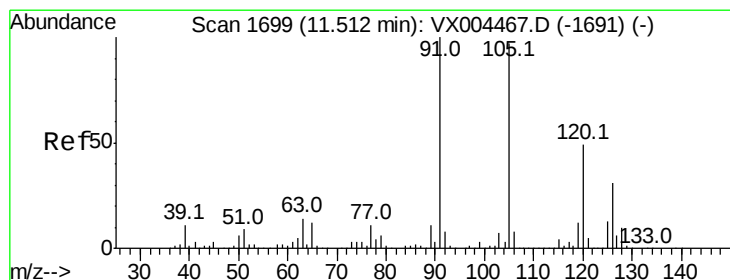
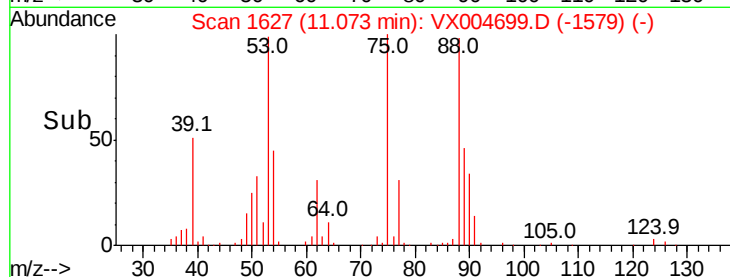
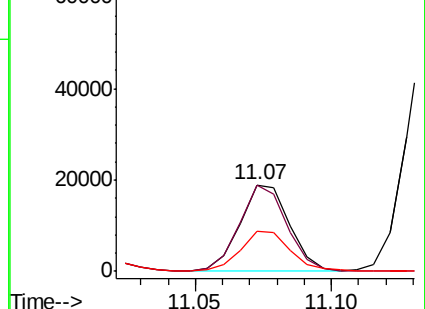
89 47.6 37.2 55.8



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: 21.219 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004699.D

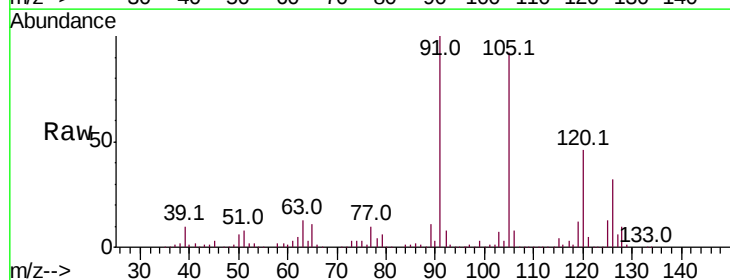
Acq: 19 Sep 2018 12:19

Tgt Ion: 91 Resp: 206936

Ion Ratio Lower Upper

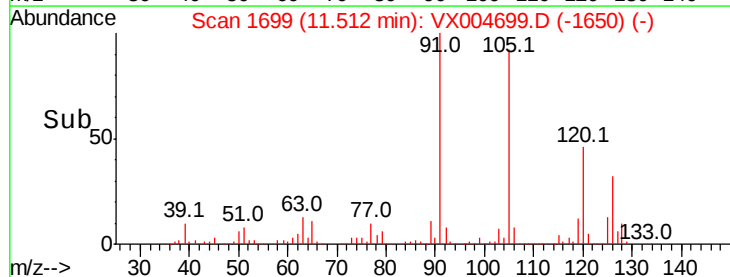
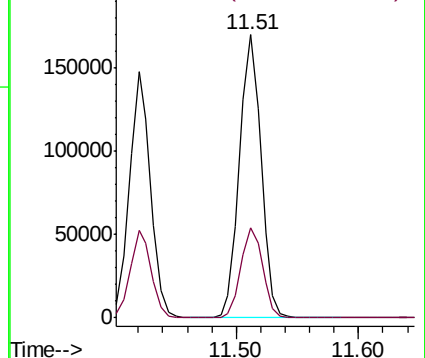
91 100

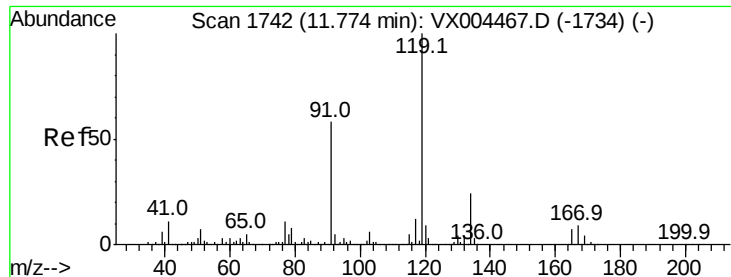
126 32.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.867 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

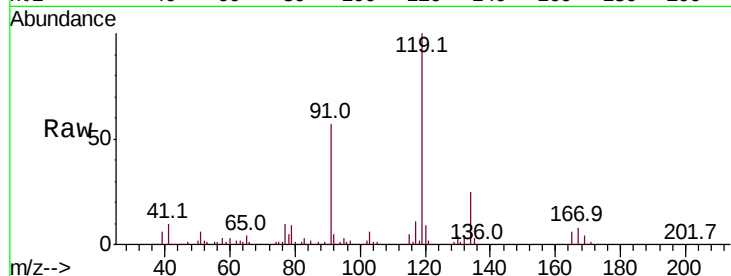
Tot Ion:119 Resp: 209698

Ion Ratio Lower Upper

119 100

91 57.6 27.0 81.0

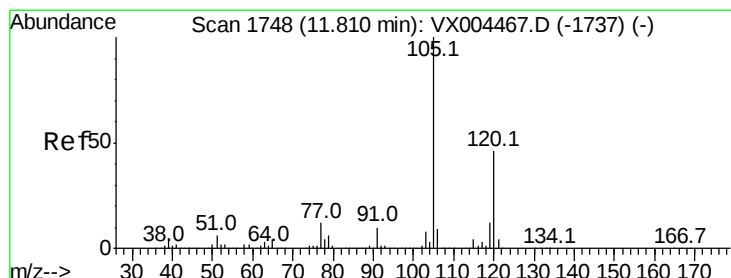
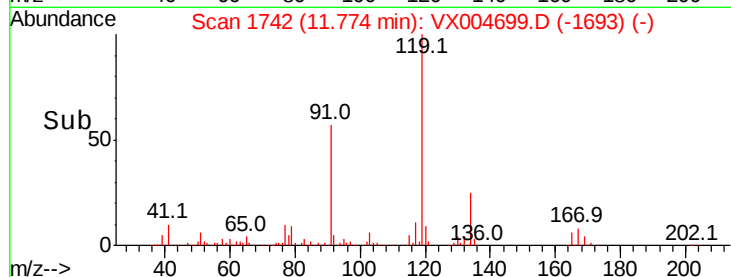
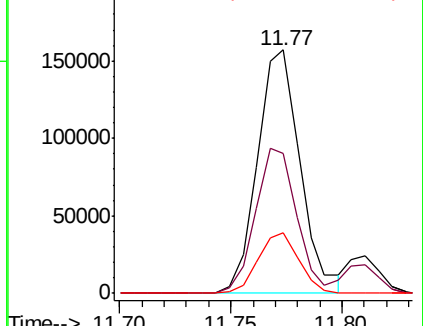
134 23.9 11.7 35.1



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: 22.280 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004699.D

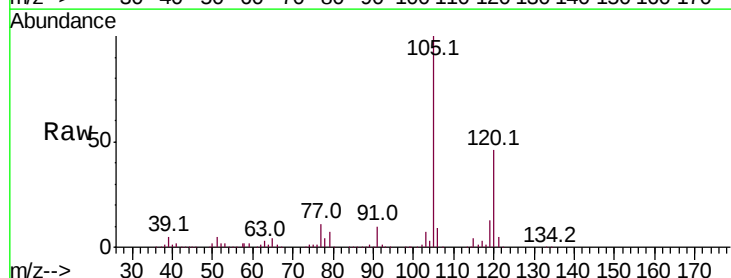
Acq: 19 Sep 2018 12:19

Tgt Ion:105 Resp: 229140

Ion Ratio Lower Upper

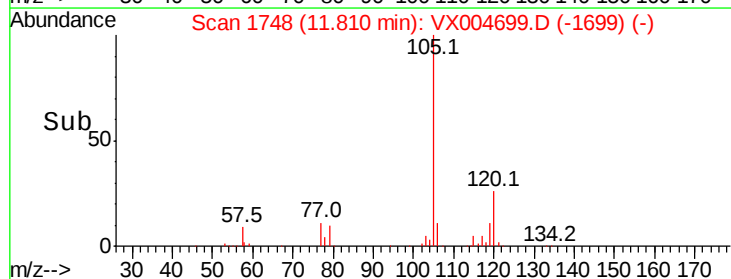
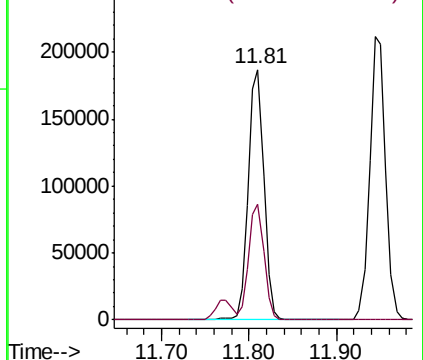
105 100

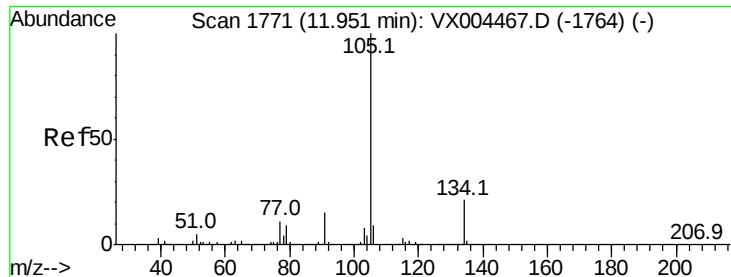
120 45.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.006 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

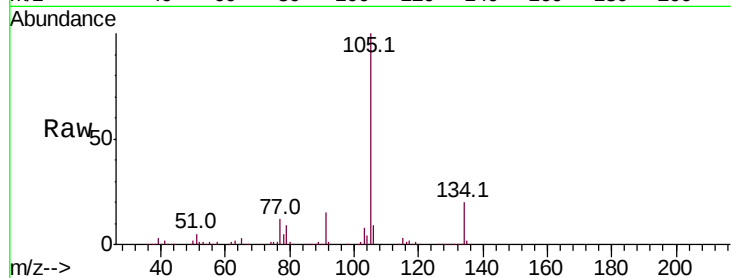
VX0919MBS01

Tot Ion:105 Resp: 268923

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

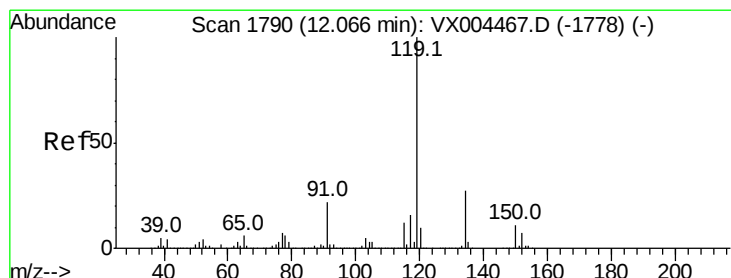
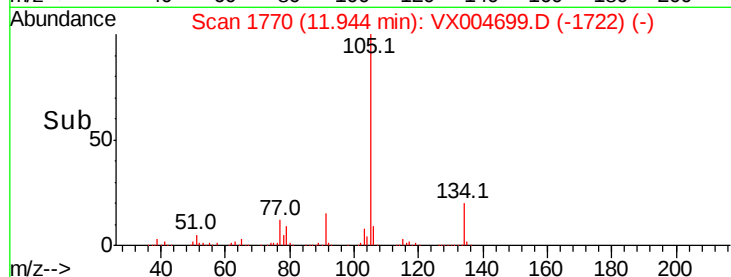
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 22.420 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

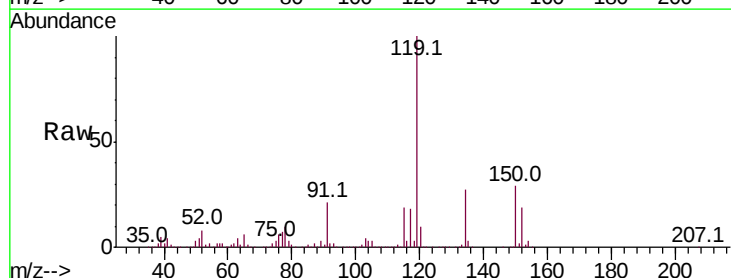
Tgt Ion:119 Resp: 241953

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 21.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

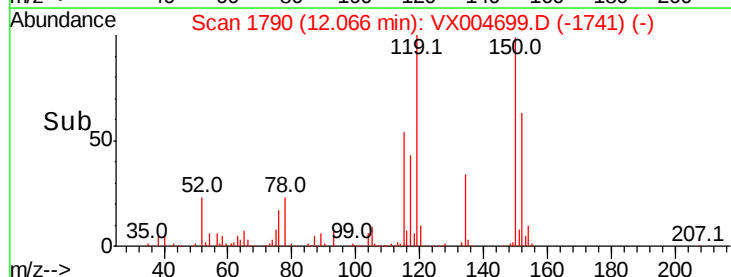
50000

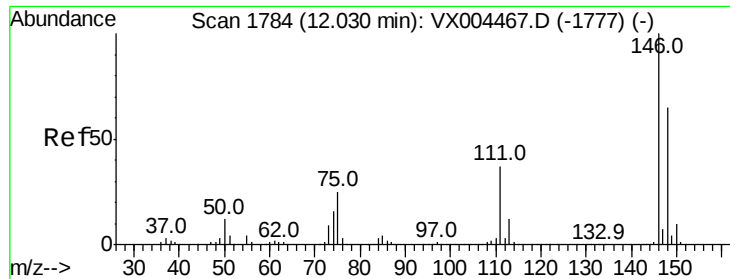
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.372 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0919MBS01

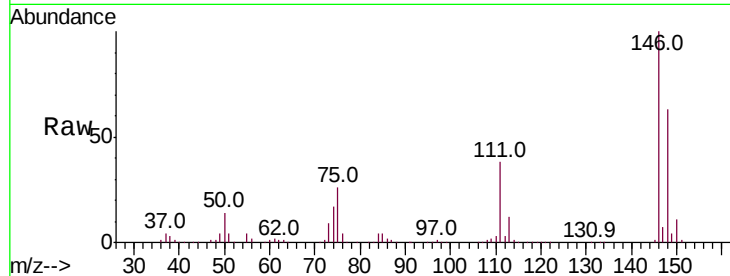
Tot Ion:146 Resp: 132066

Ion Ratio Lower Upper

146 100

111 36.7 18.7 56.1

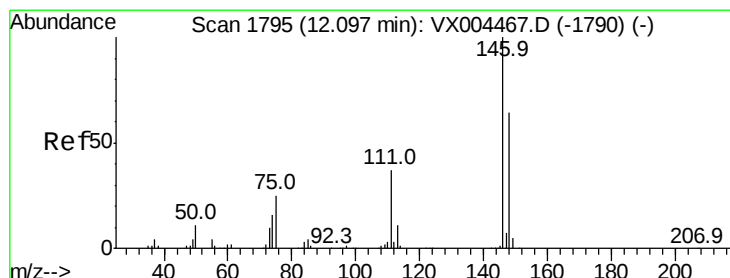
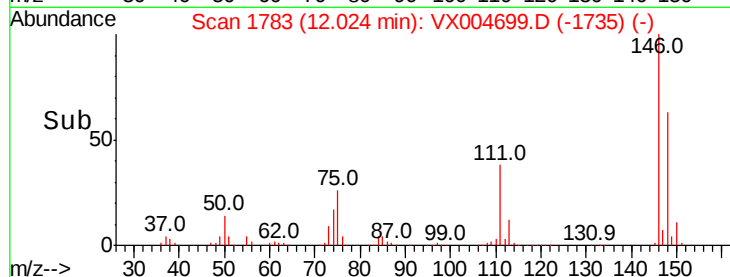
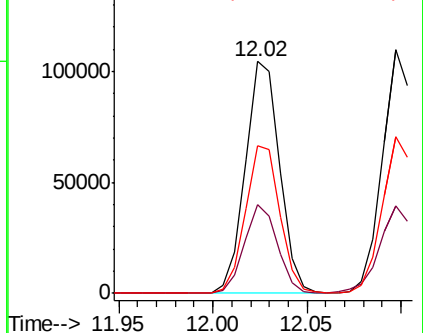
148 64.1 32.1 96.5



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: 20.745 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

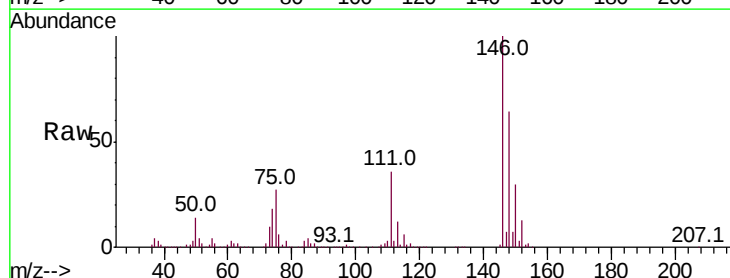
Tgt Ion:146 Resp: 132457

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.1

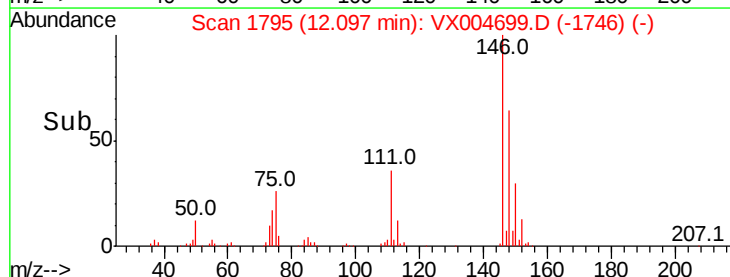
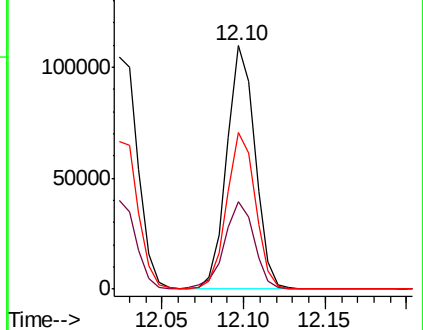
148 65.3 32.0 96.0

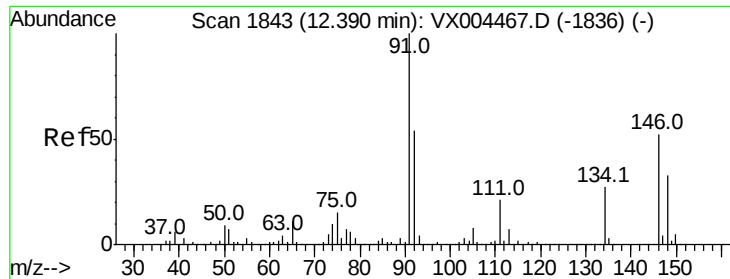


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

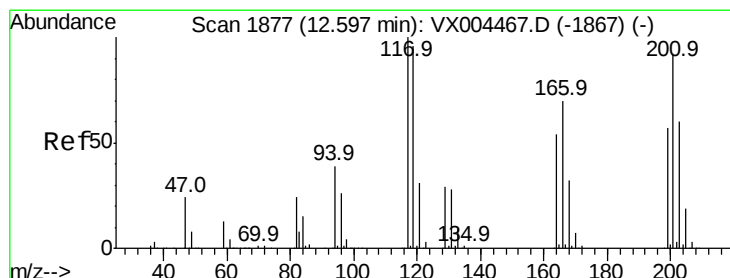
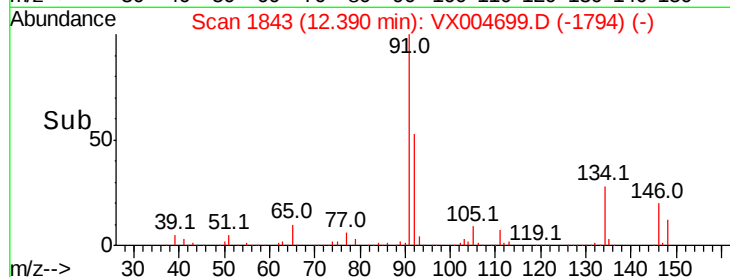
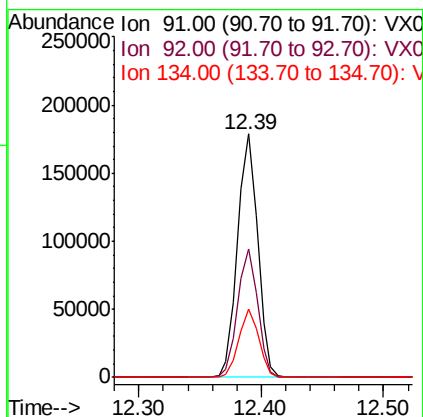
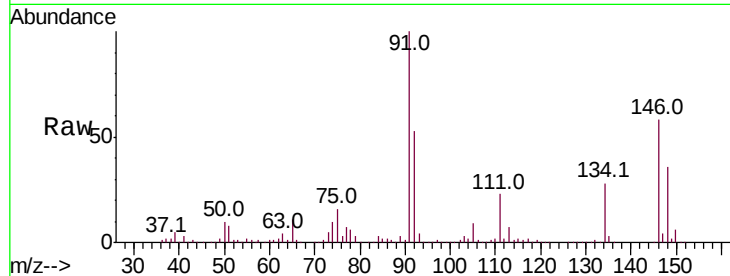




#89
n-Butylbenzene
Concen: 20.659 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

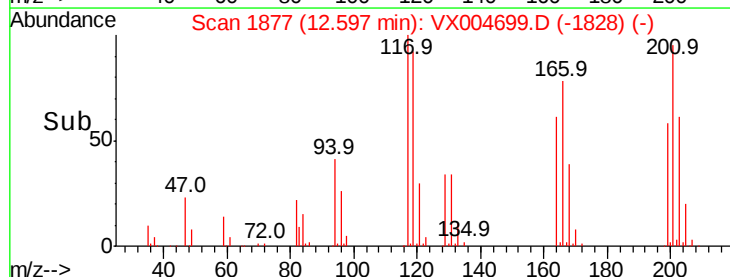
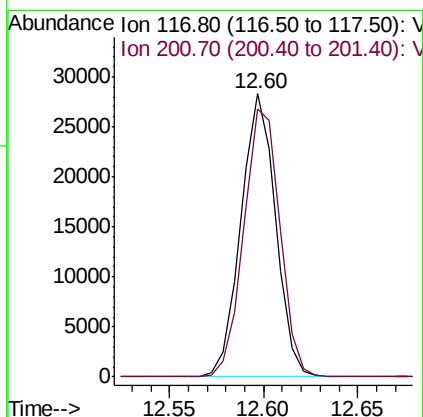
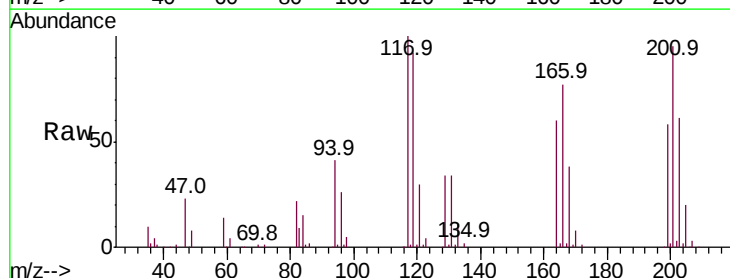
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

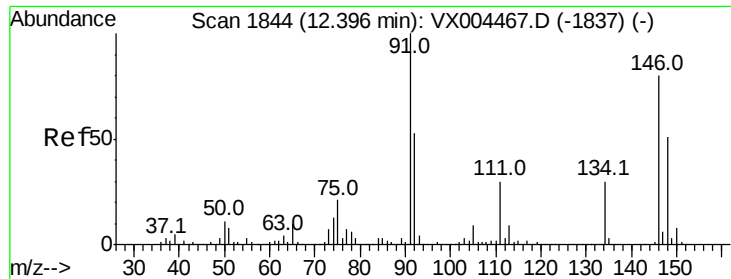
Tot Ion: 91 Resp: 203164
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 20.910 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion: 117 Resp: 36124
Ion Ratio Lower Upper
117 100
201 98.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.294 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

VX0919MBS01

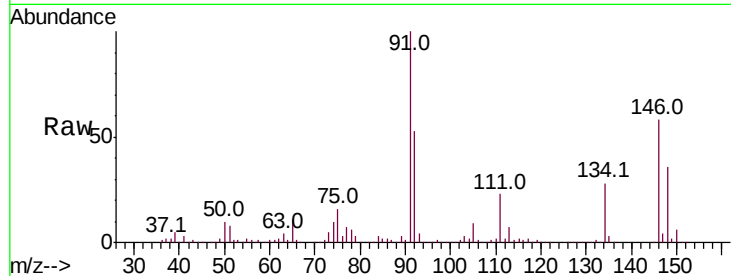
Tot Ion:146 Resp: 133179

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

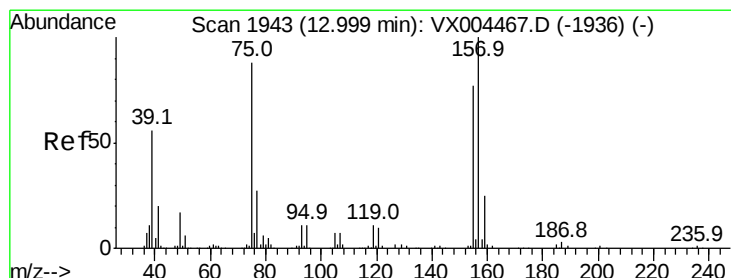
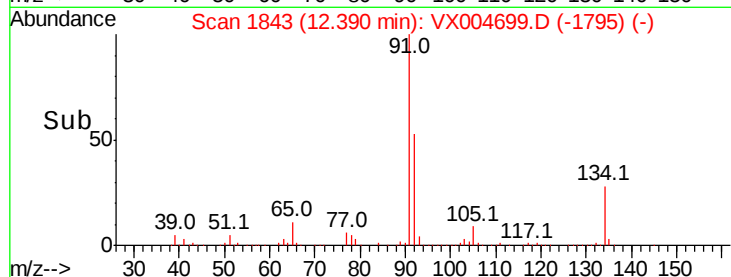
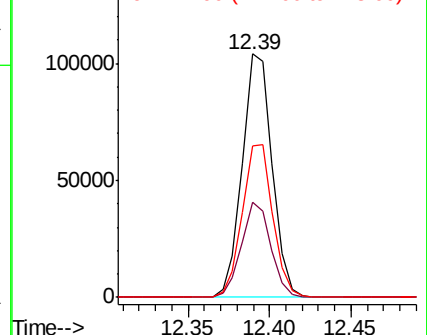
148 64.0 32.8 98.3



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: 20.541 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

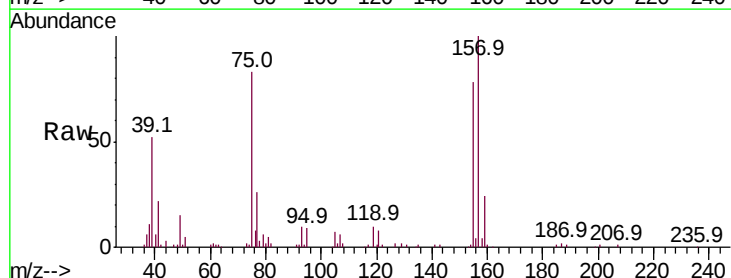
Tgt Ion: 75 Resp: 16952

Ion Ratio Lower Upper

75 100

155 100.6 48.0 144.2

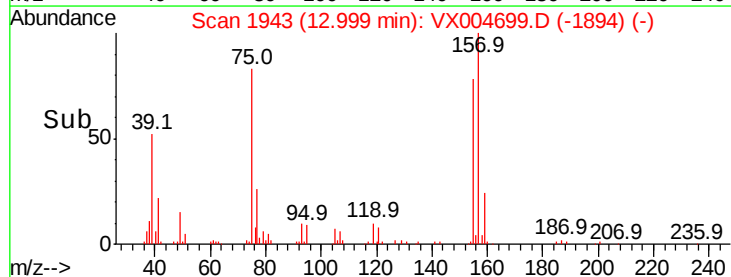
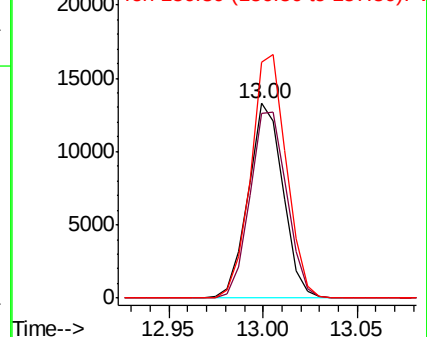
157 127.9 61.4 184.1

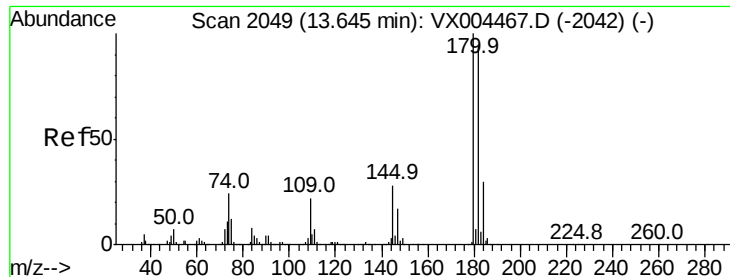


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

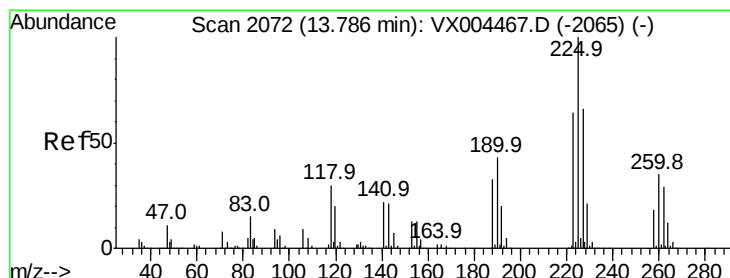
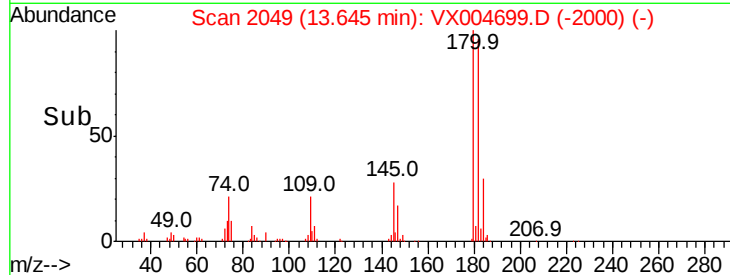
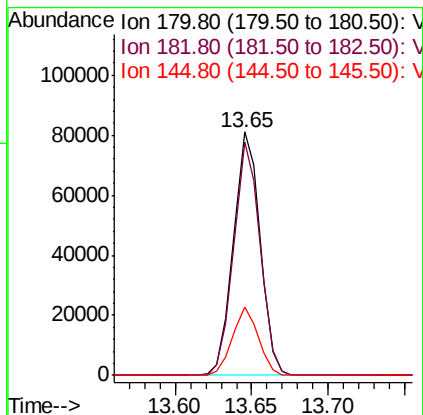
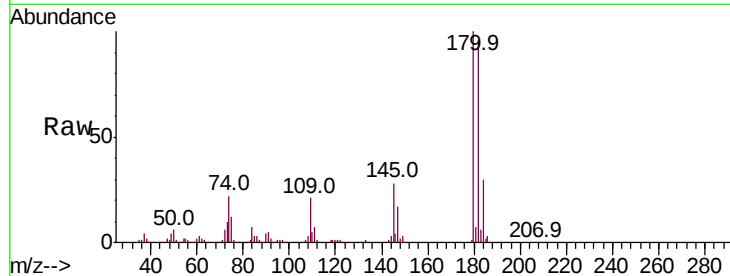




#93
 1,2,4-Trichlorobenzene
 Concen: 22.183 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

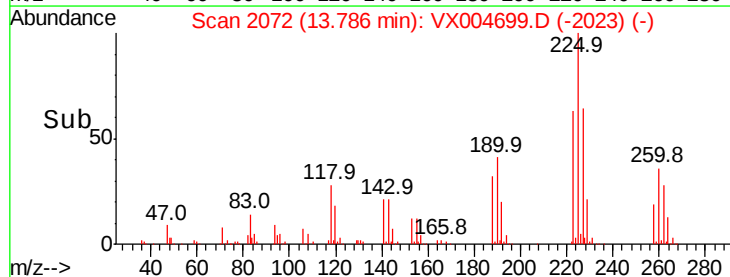
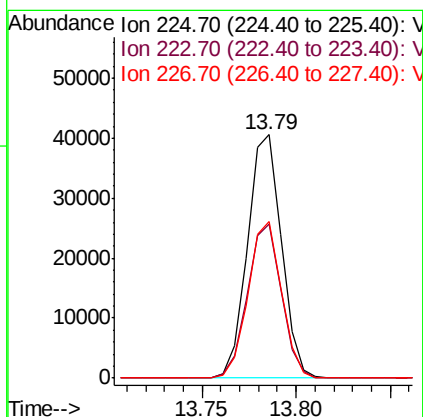
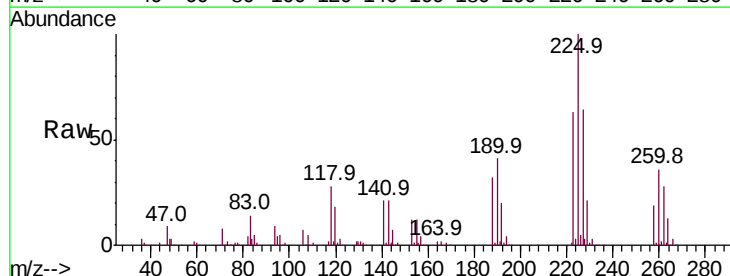
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0919MBS01

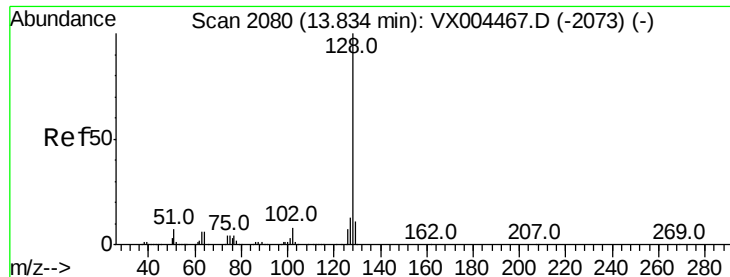
Tot Ion:180 Resp: 98238
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.0
 145 27.4 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 21.953 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Tgt Ion:225 Resp: 50784
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.1 90.5
 227 63.2 30.8 92.4

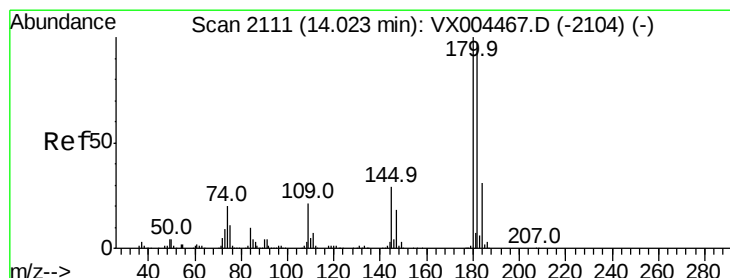
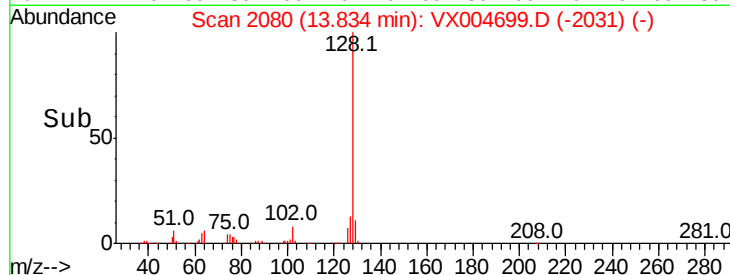
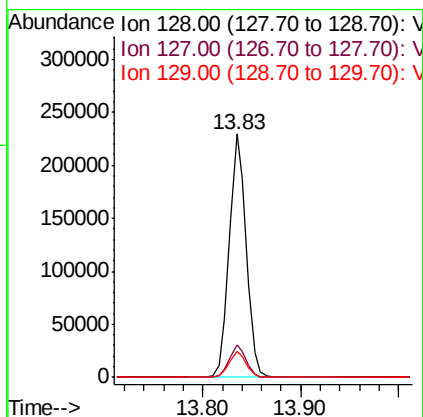
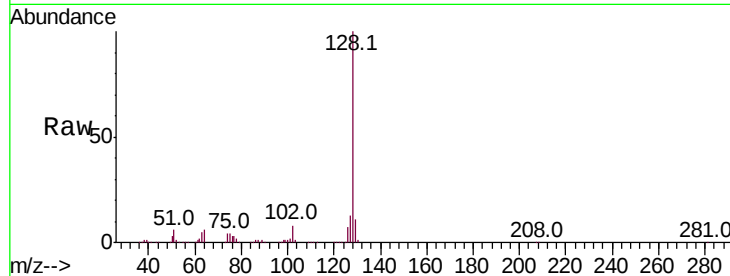




#95
Naphthalene
Concen: 22.192 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBS01

Tot Ion:128 Resp: 275651
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 22.131 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Tgt Ion:180 Resp: 100689
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.6
145 28.9 14.9 44.9

