

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 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 :

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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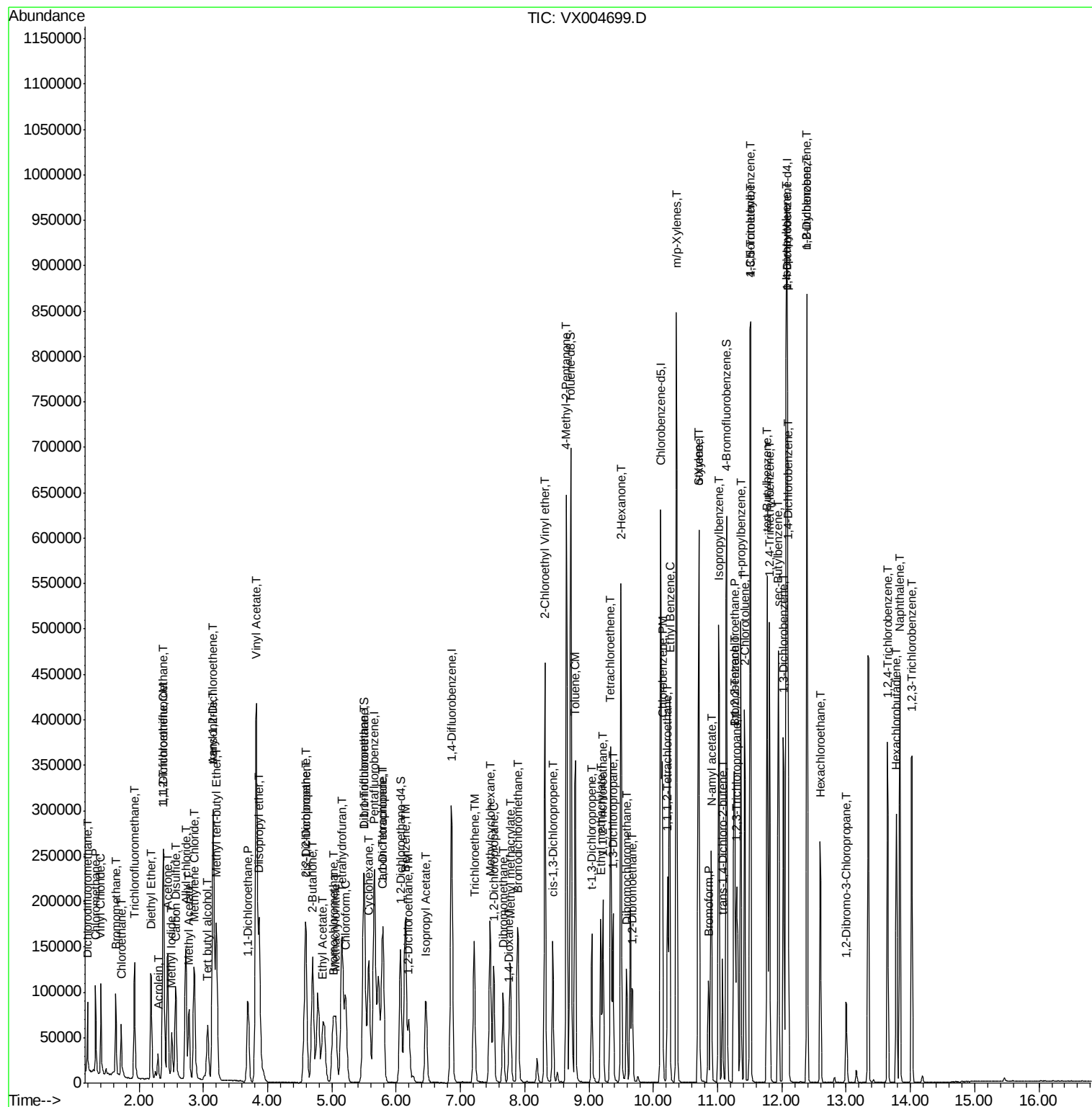
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98238	22.183	ug/l	98
94) Hexachlorobutadiene	13.79	225	50784	21.953	ug/l	97
95) Naphthalene	13.83	128	275651	22.192	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100689	22.131	ug/l	99

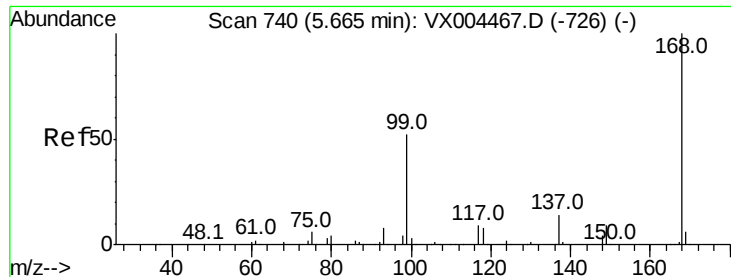
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
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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

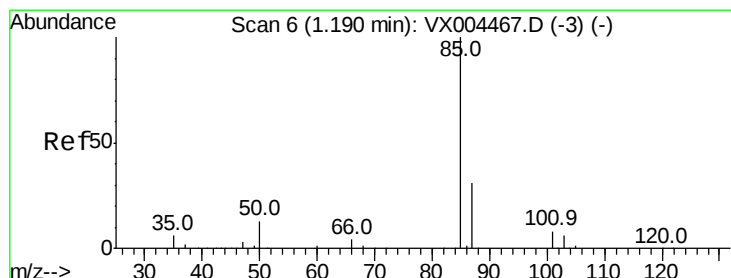
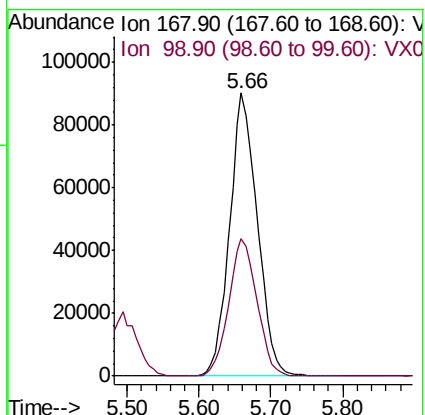
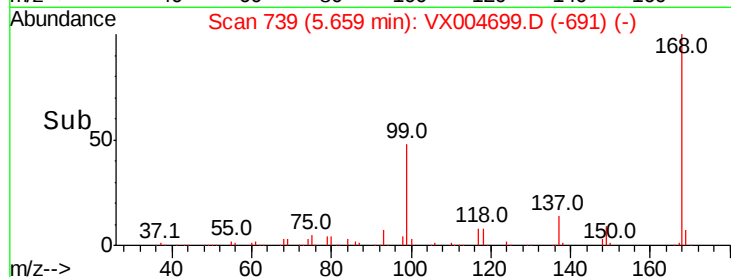
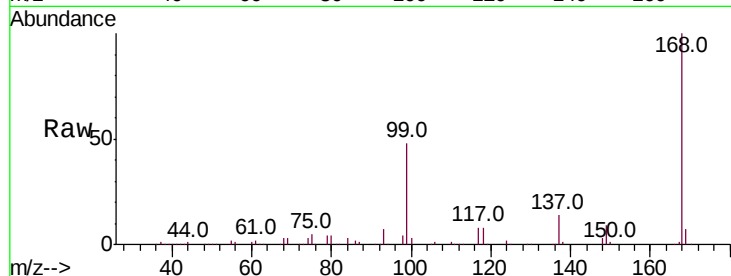
ClientSampleId :

Tot Ion:168 Resp: 241642

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



#2

Dichlorodifluoromethane

Concen: 20.044 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004699.D

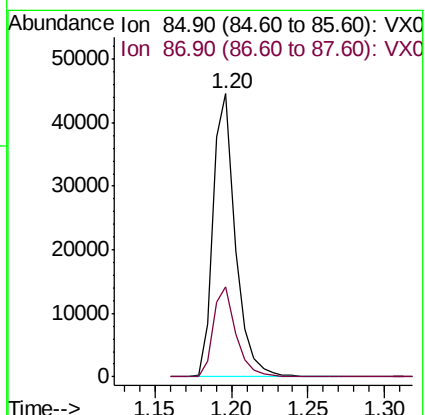
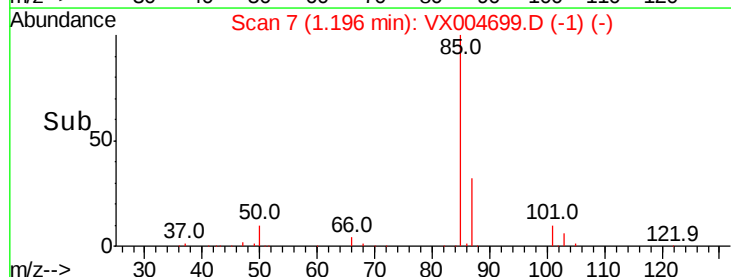
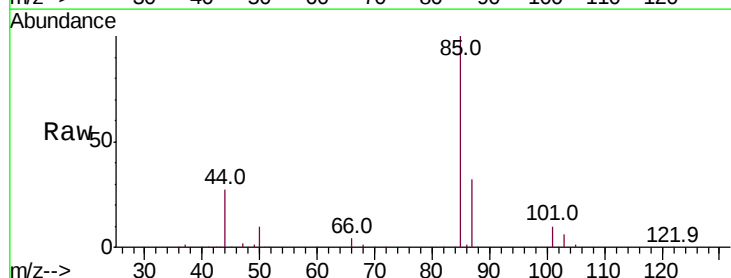
Acq: 19 Sep 2018 12:19

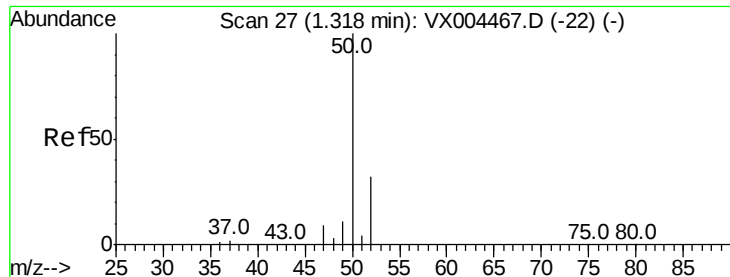
Tgt Ion: 85 Resp: 45393

Ion Ratio Lower Upper

85 100

87 32.0 17.0 50.9





#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

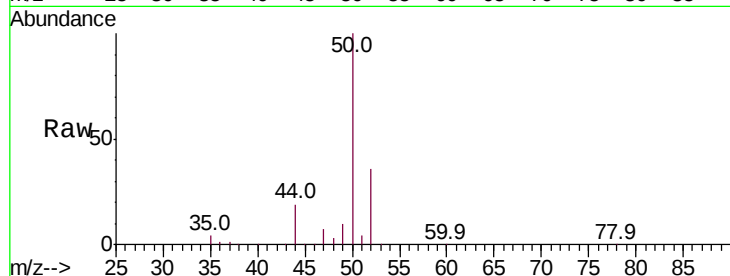
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 60194

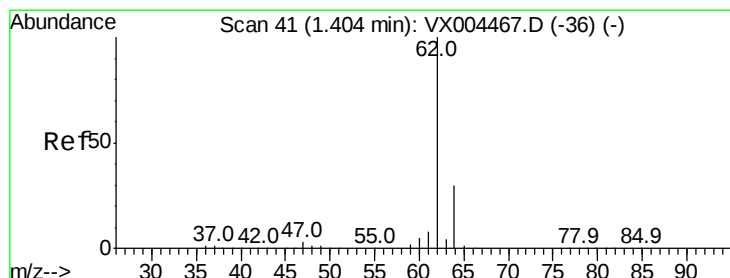
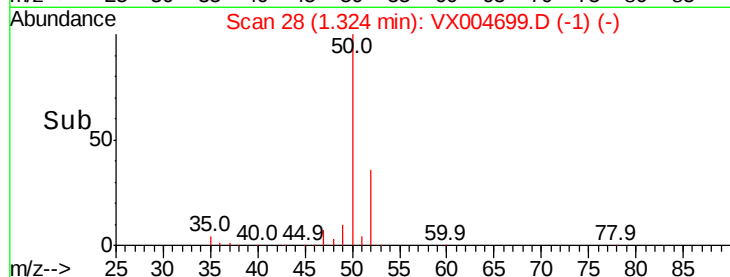
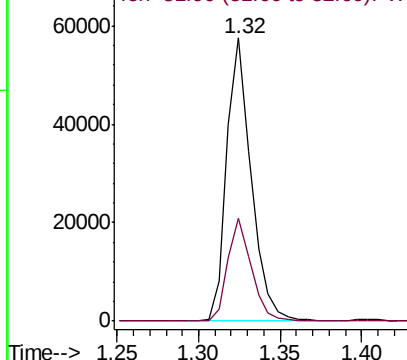
Ion Ratio Lower Upper

50 100

52 36.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.964 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004699.D

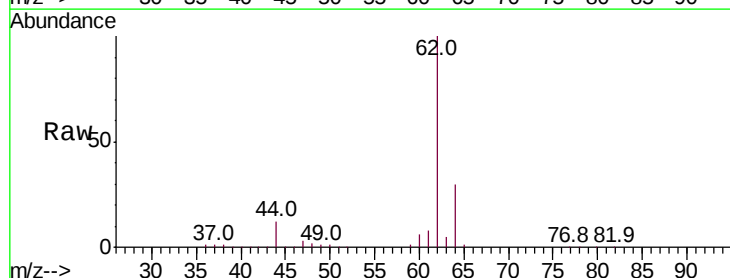
Acq: 19 Sep 2018 12:19

Tgt Ion: 62 Resp: 67060

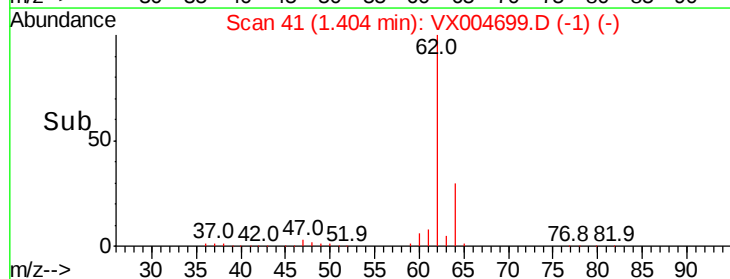
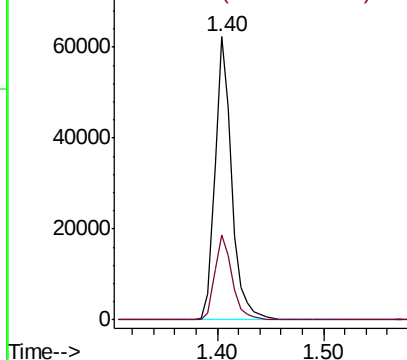
Ion Ratio Lower Upper

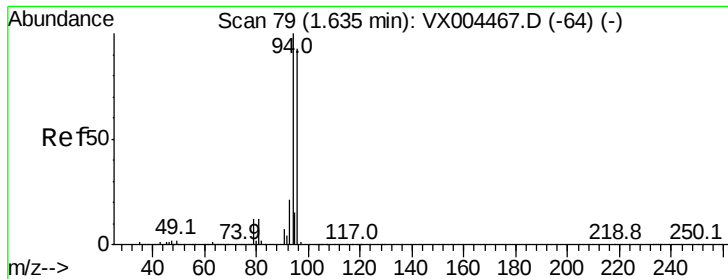
62 100

64 29.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#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

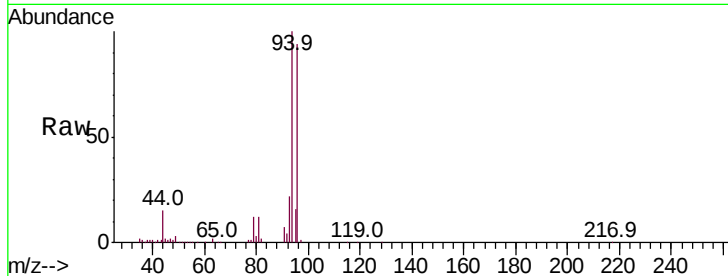
ClientSampled :

Tot Ion: 94 Resp: 32631

Ion Ratio Lower Upper

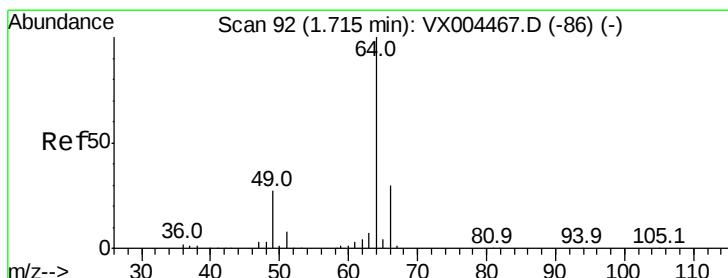
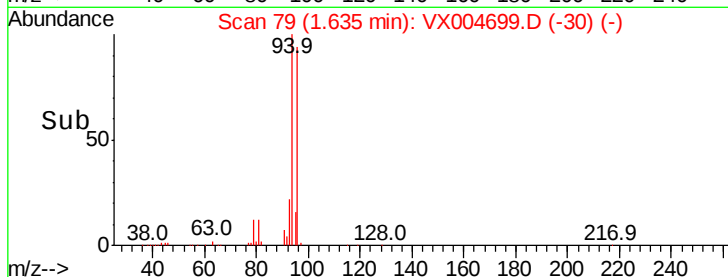
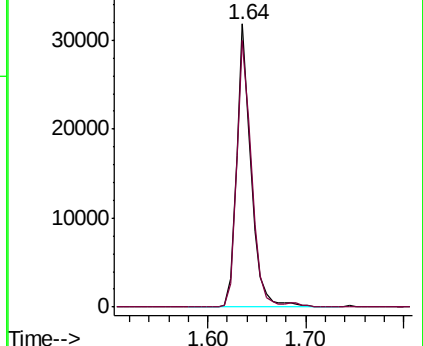
94 100

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

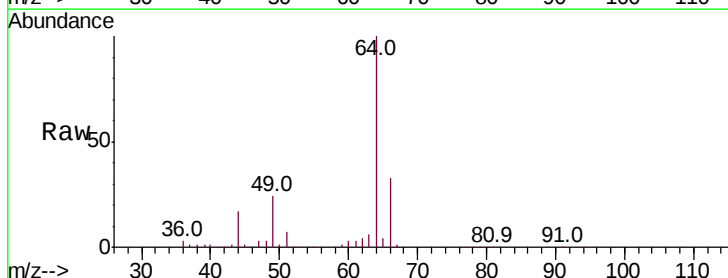
Acq: 19 Sep 2018 12:19

Tgt Ion: 64 Resp: 41302

Ion Ratio Lower Upper

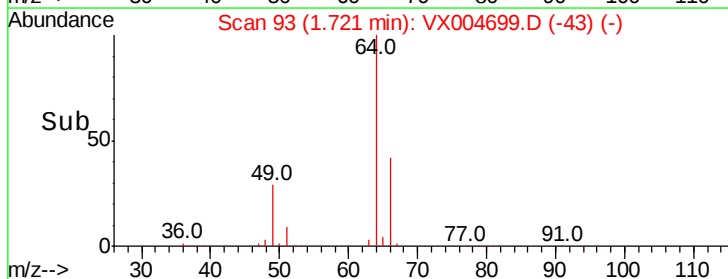
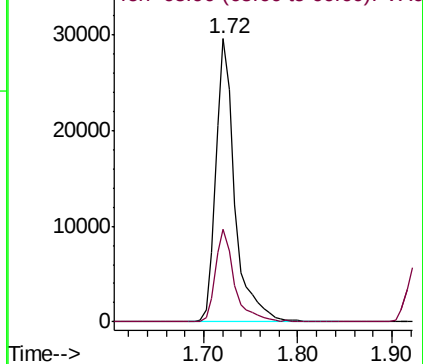
64 100

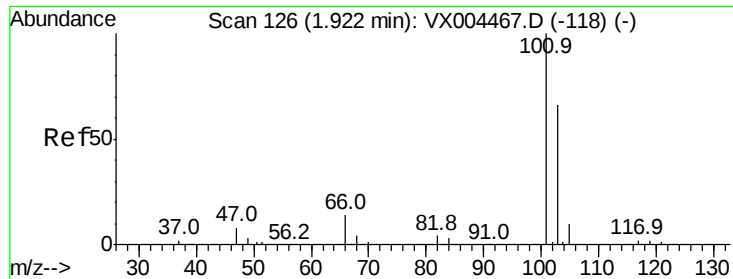
66 32.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



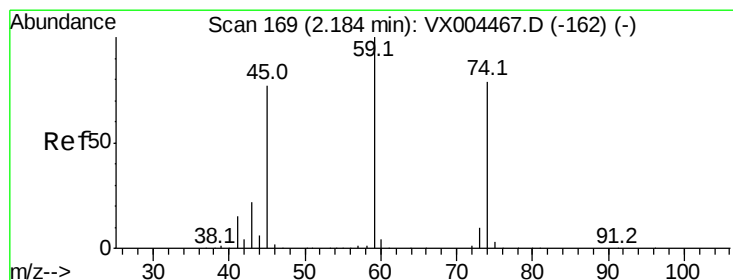
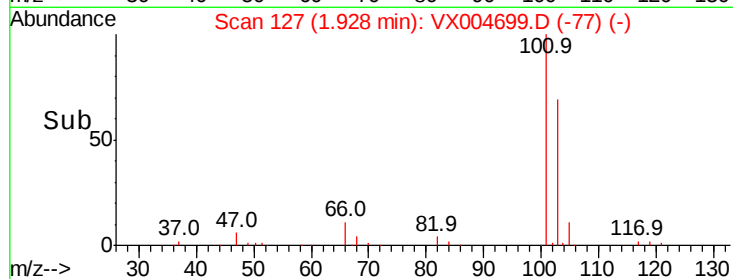
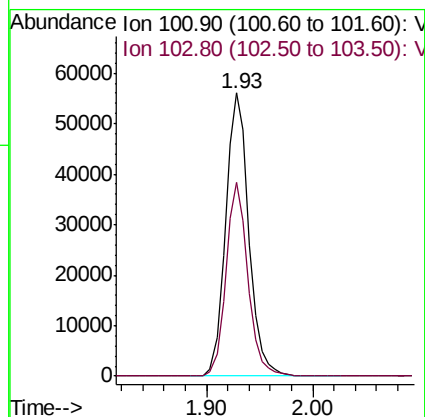
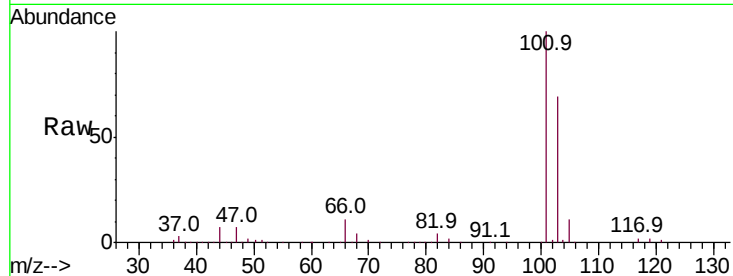


#7

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 :
 MSVOA_X
 ClientSampled :

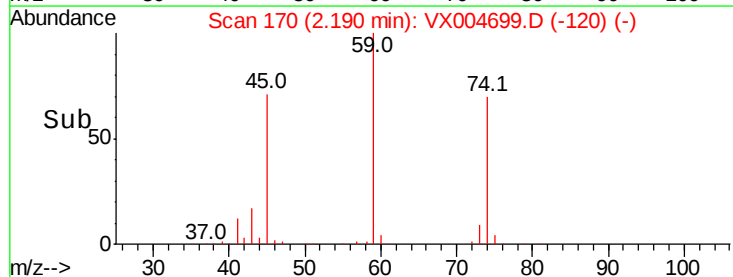
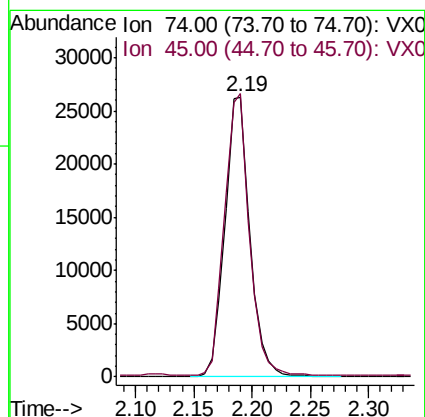
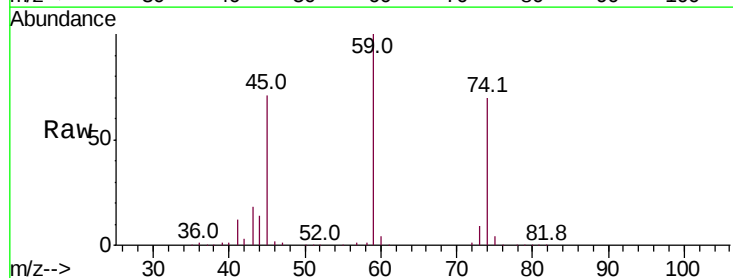
Tot Ion:101 Resp: 85001
 Ion Ratio Lower Upper
 101 100
 103 68.7 48.9 73.3

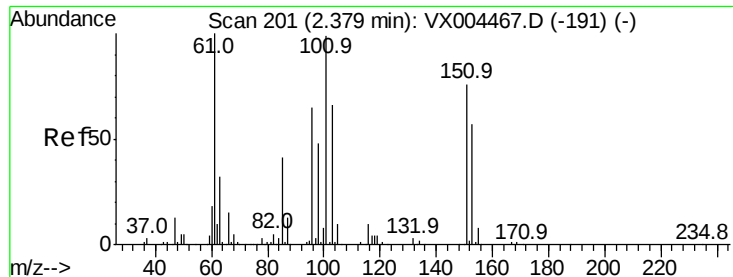


#8

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 :

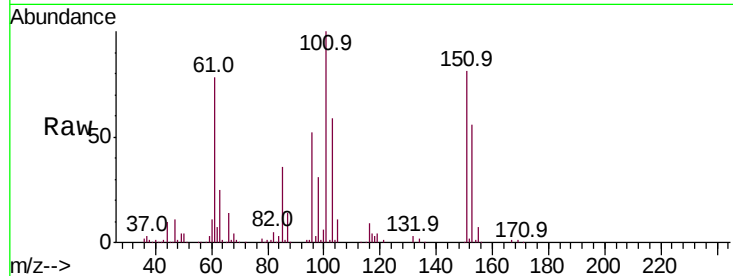
Tot Ion:101 Resp: 54635

Ion Ratio Lower Upper

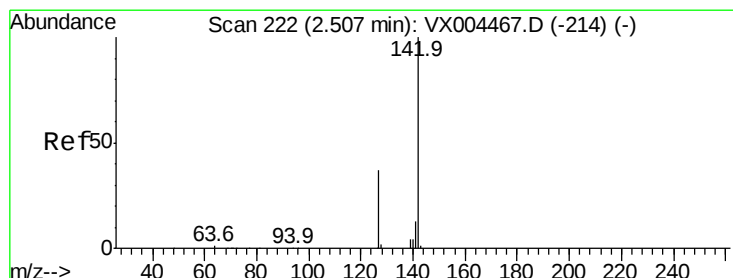
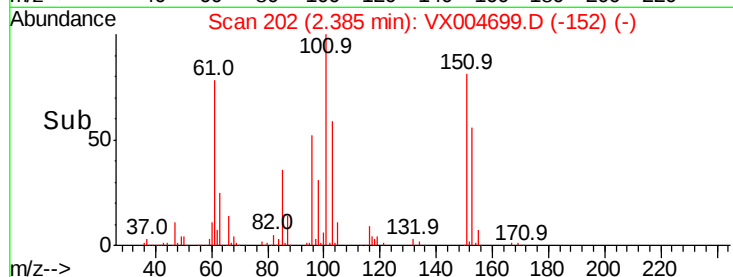
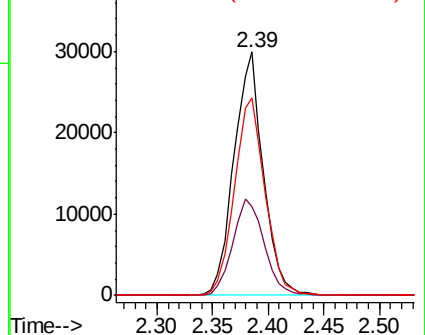
101 100

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

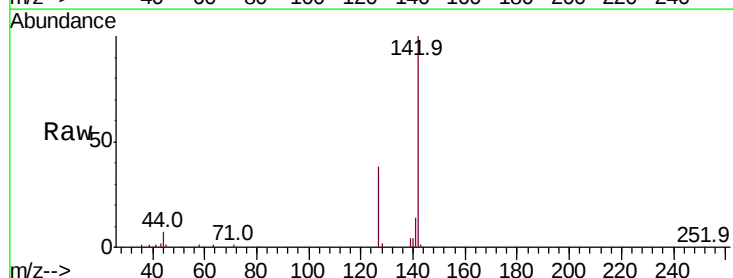
Tgt Ion:142 Resp: 55439

Ion Ratio Lower Upper

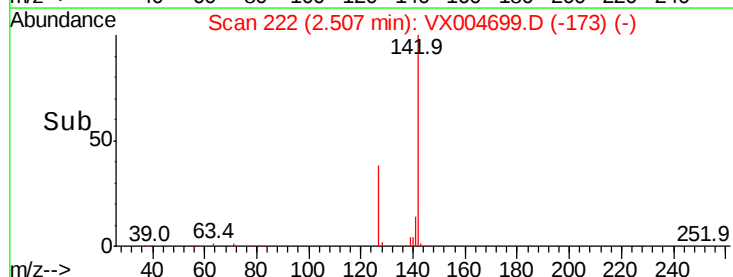
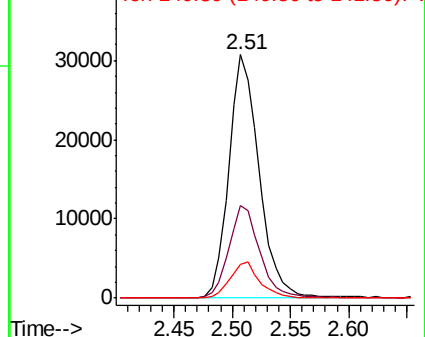
142 100

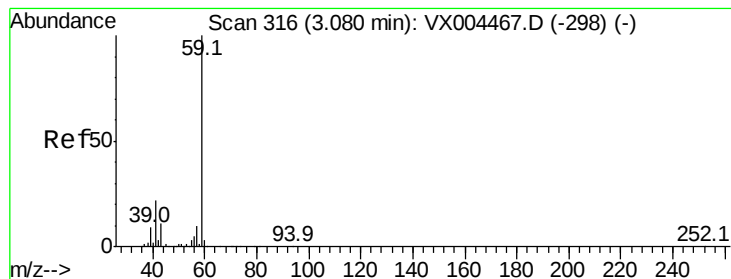
127 38.9 33.8 50.6

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



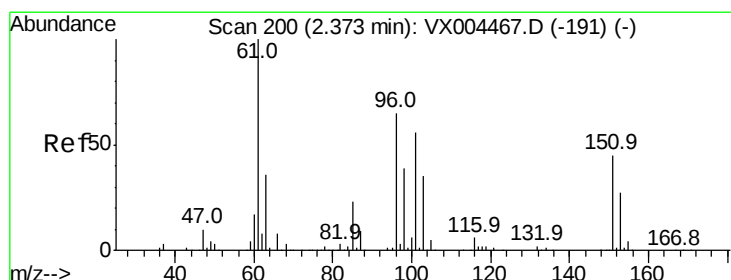
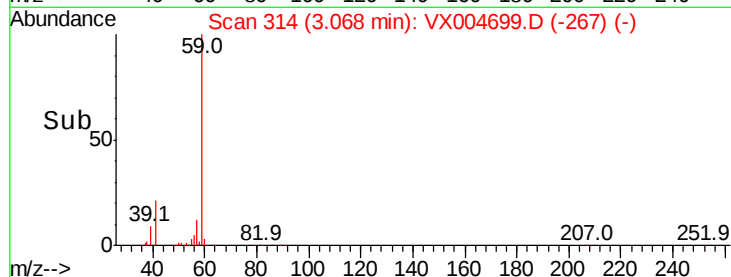
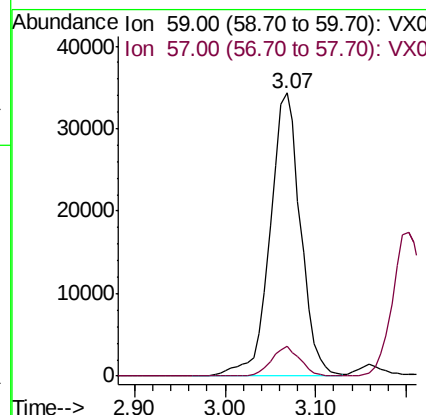
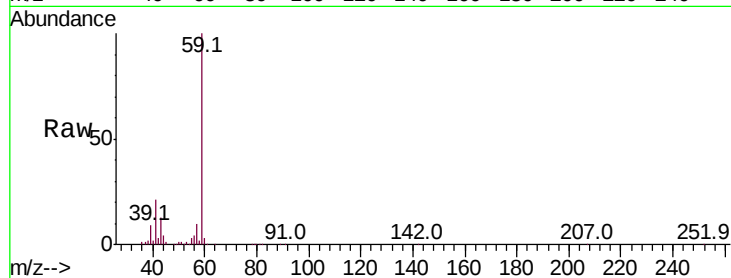


#11

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 :

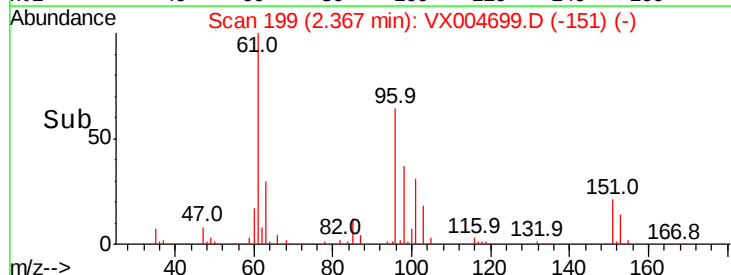
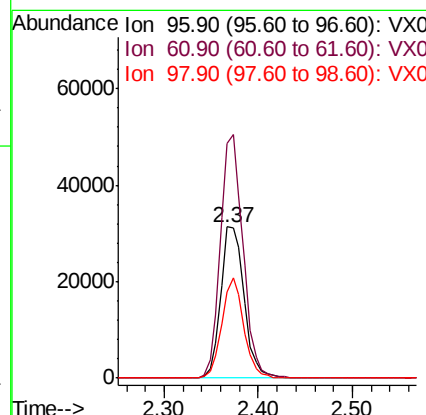
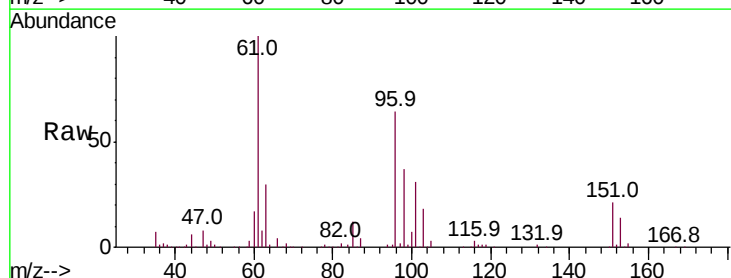
Tot Ion: 59 Resp: 79985
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

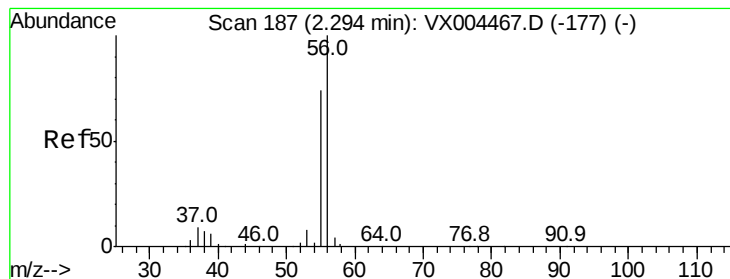


#12

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

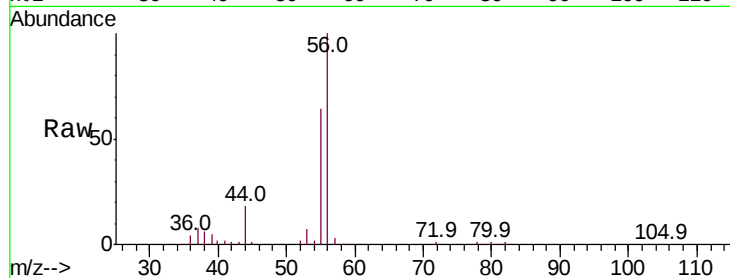
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21287

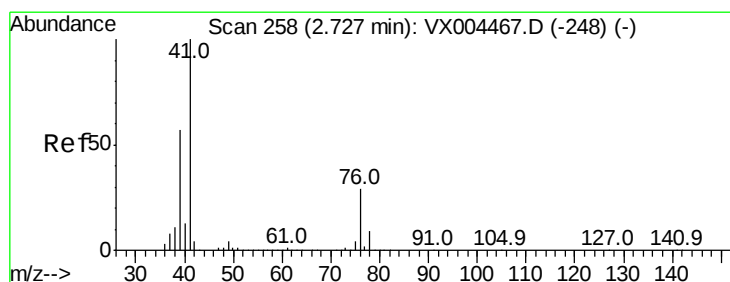
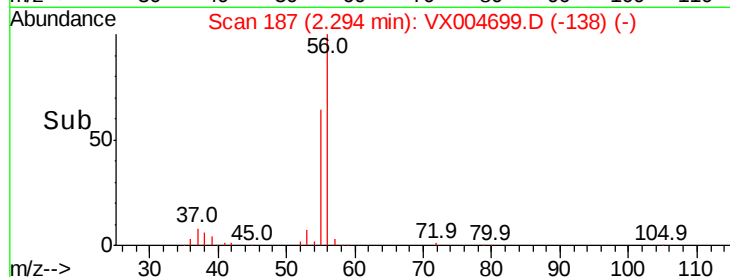
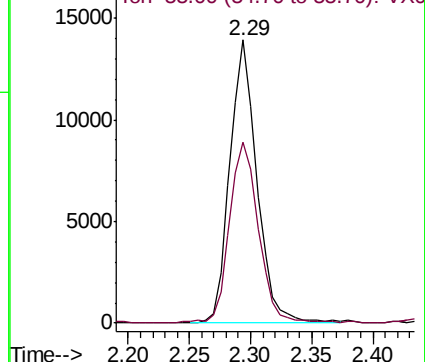
Ion Ratio Lower Upper

56 100

55 69.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 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

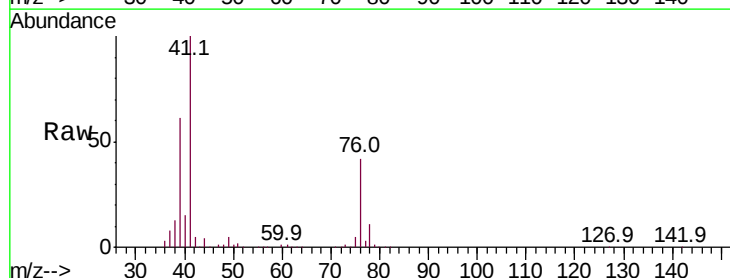
Tgt Ion: 41 Resp: 103928

Ion Ratio Lower Upper

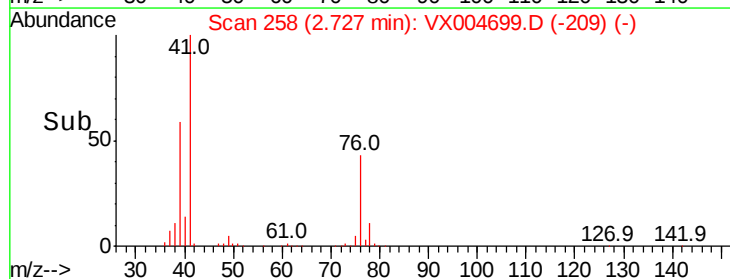
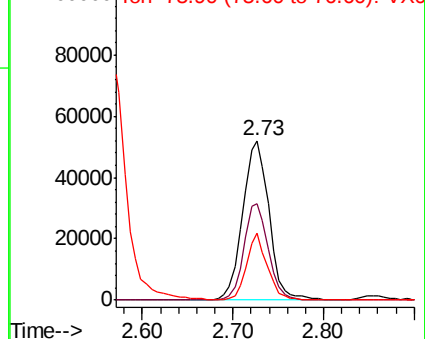
41 100

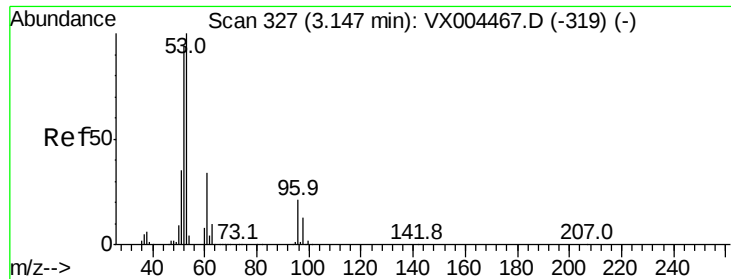
39 56.2 48.9 73.3

76 33.5 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 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

ClientSampled :

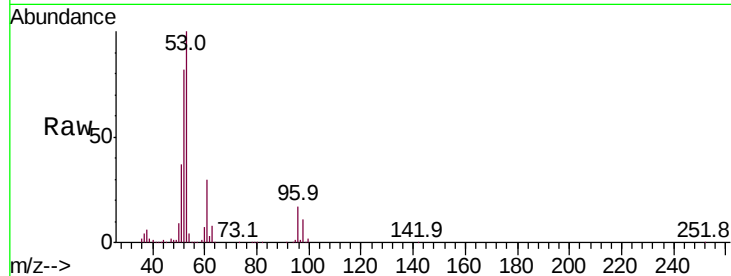
Tot Ion: 53 Resp: 176996

Ion Ratio Lower Upper

53 100

52 83.0 65.2 97.8

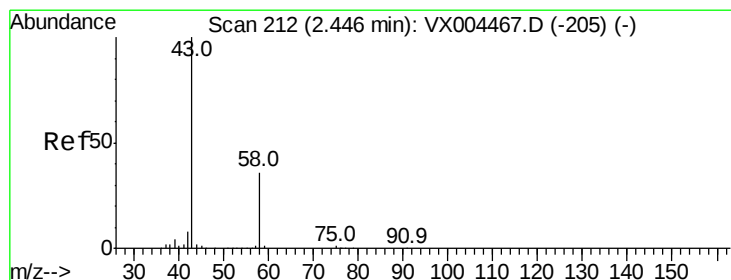
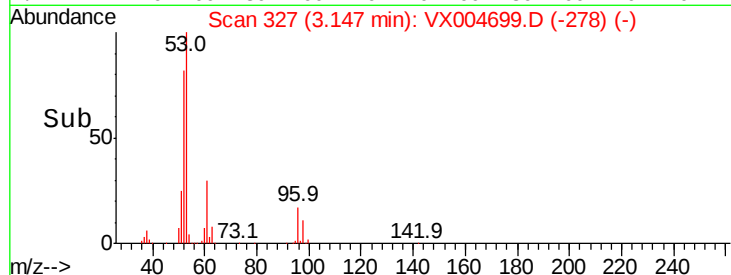
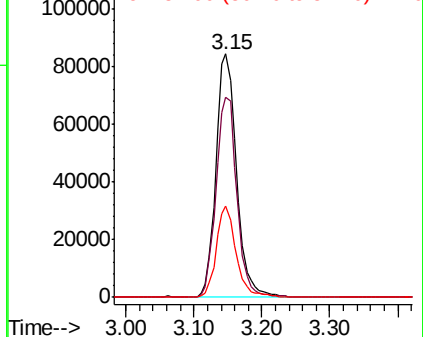
51 36.2 28.2 42.2



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

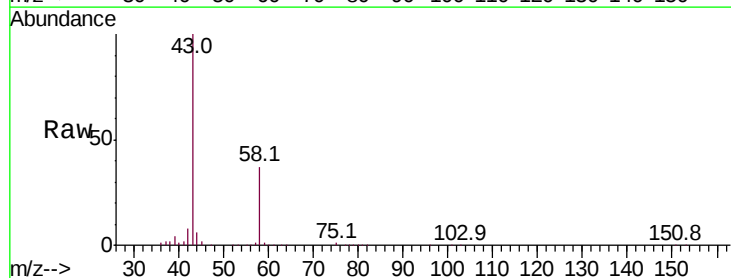
Acq: 19 Sep 2018 12:19

Tgt Ion: 43 Resp: 144816

Ion Ratio Lower Upper

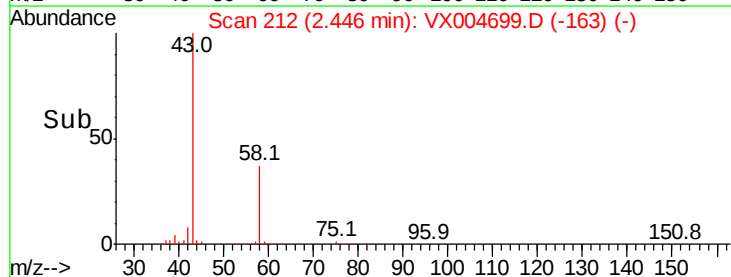
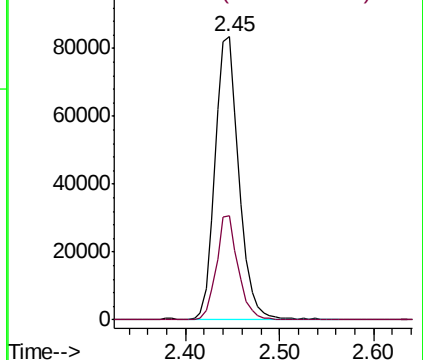
43 100

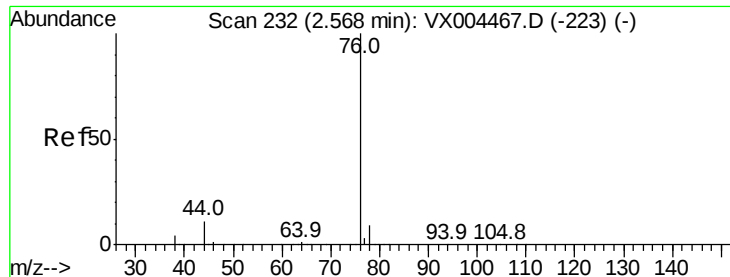
58 37.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

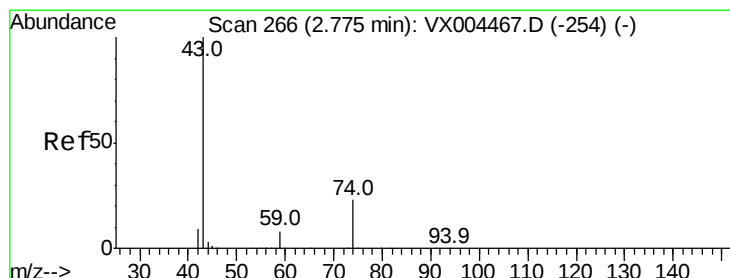
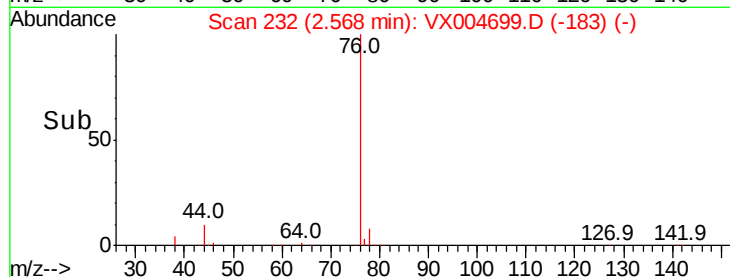
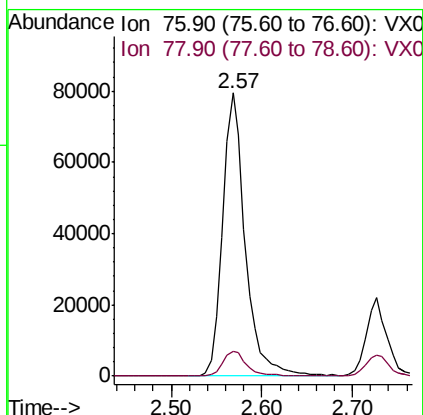
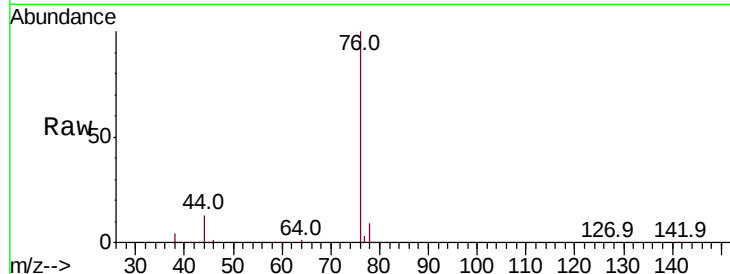




#17
Carbon Disulfide
Concen: 18.973 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

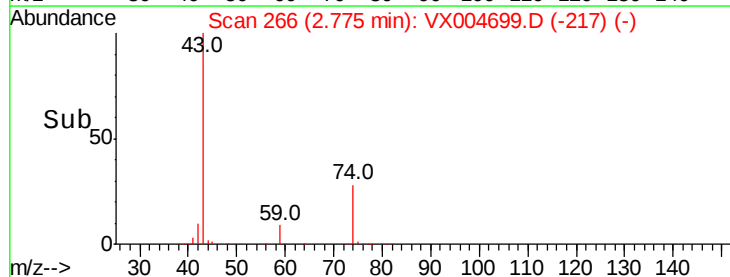
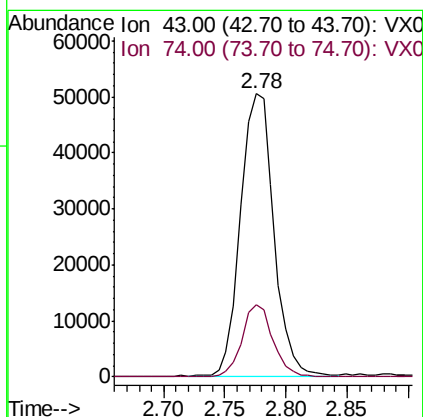
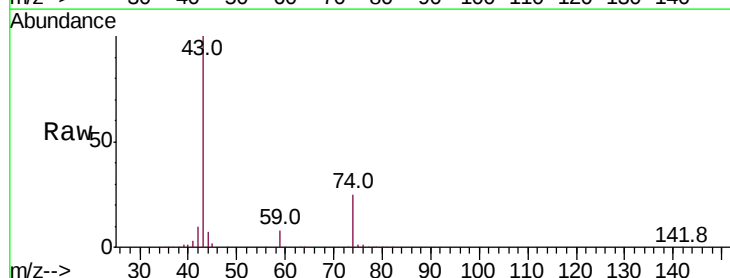
Instrument :
MSVOA_X
ClientSampleId :

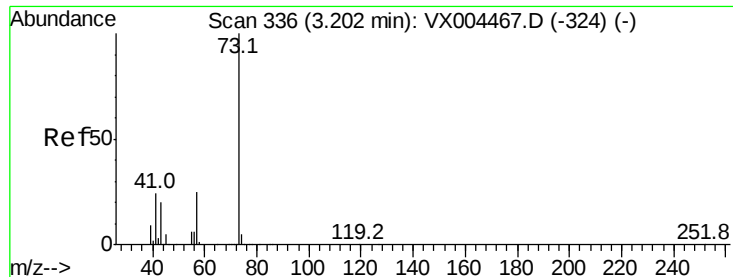
Tot Ion: 76 Resp: 138468
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#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



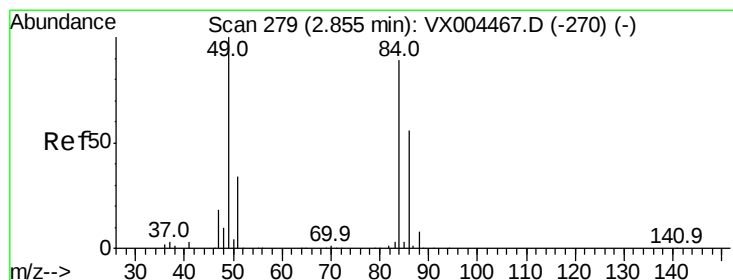
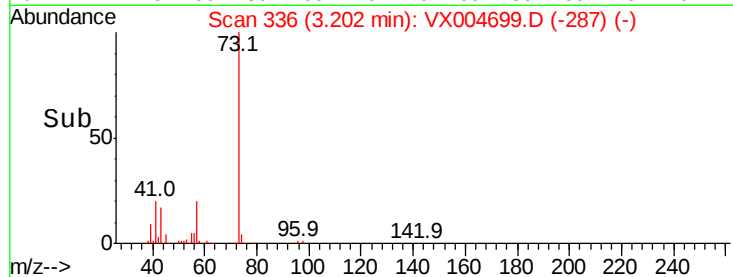
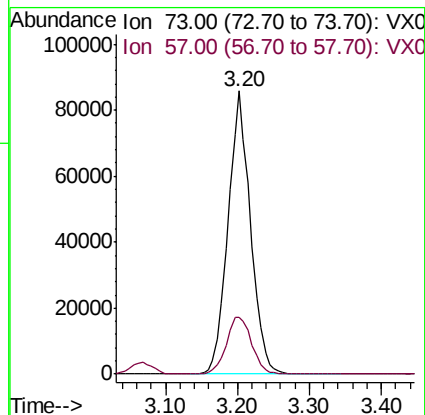
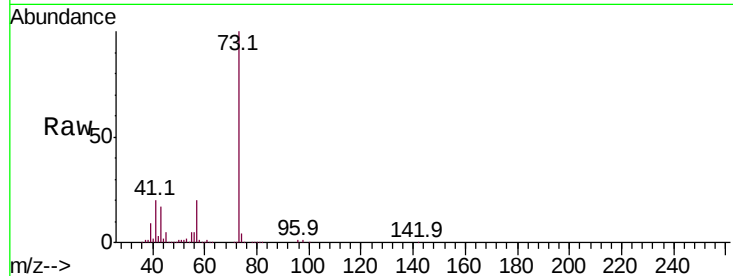


#19

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 :

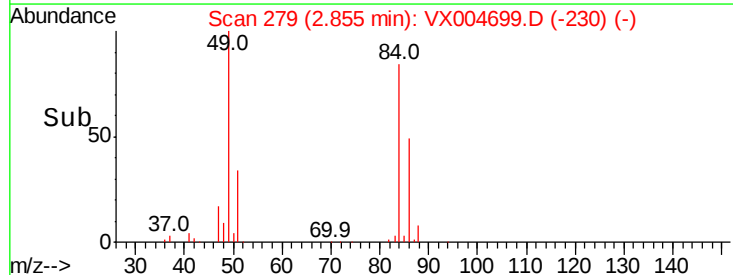
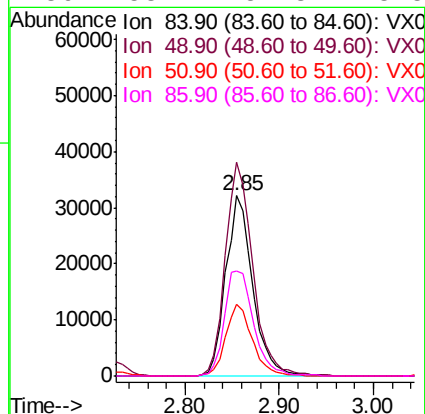
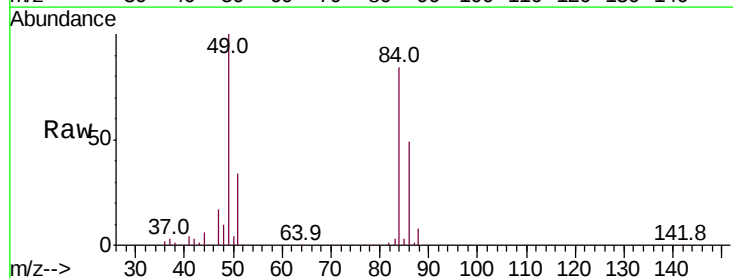
Tot Ion: 73 Resp: 186511
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.1 25.7

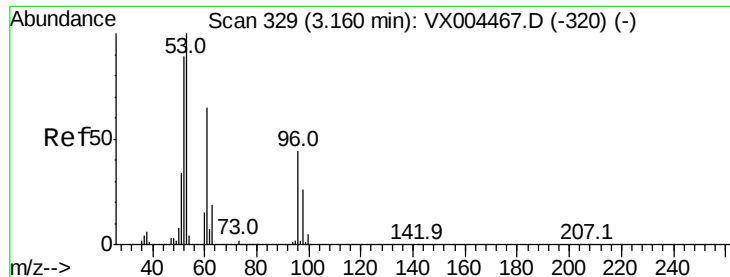


#20

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

ClientSampleId :

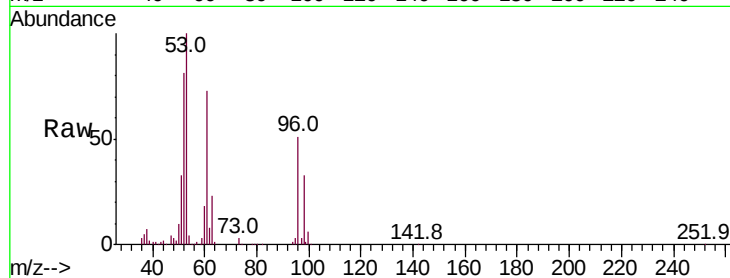
Tot Ion: 96 Resp: 54942

Ion Ratio Lower Upper

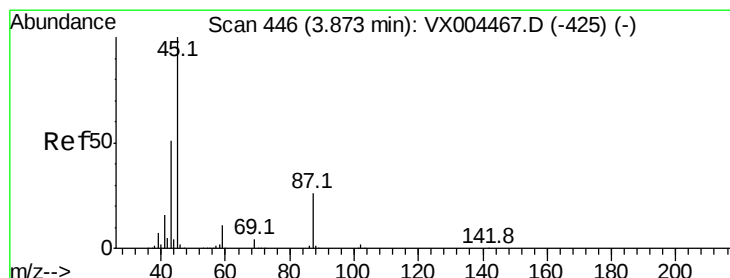
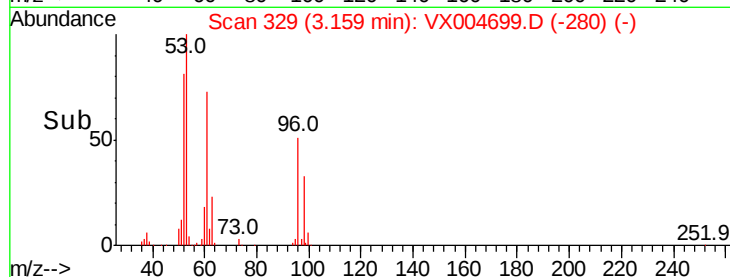
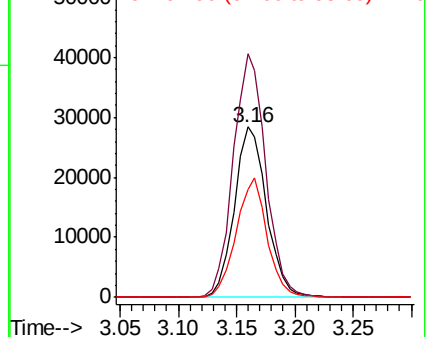
96 100

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

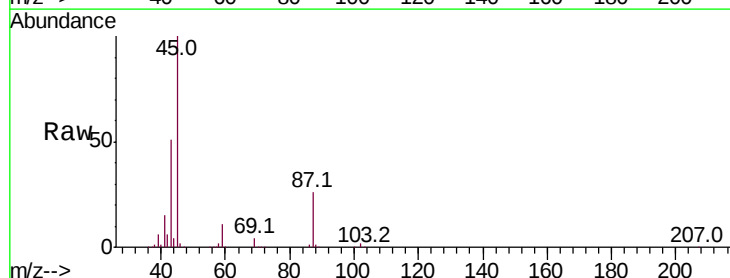
Ion Ratio Lower Upper

45 100

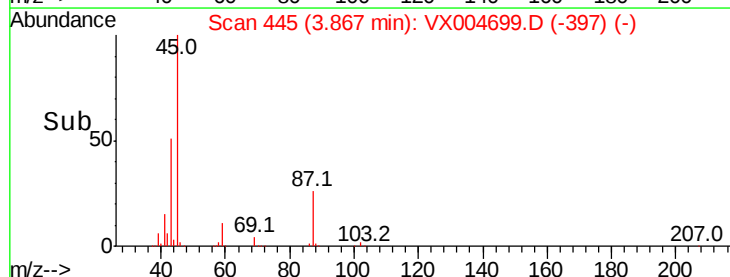
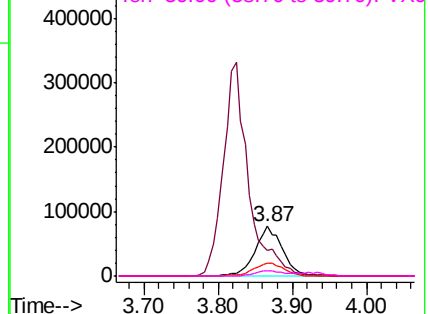
43 50.6 42.8 64.2

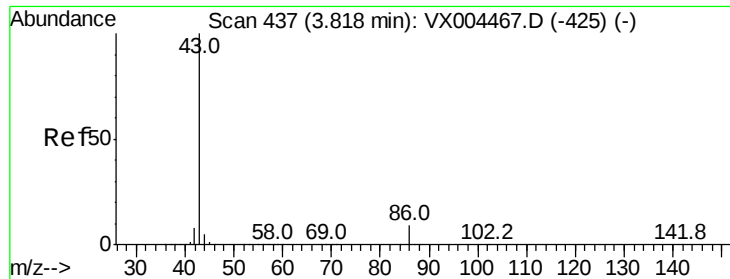
87 25.9 22.6 34.0

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

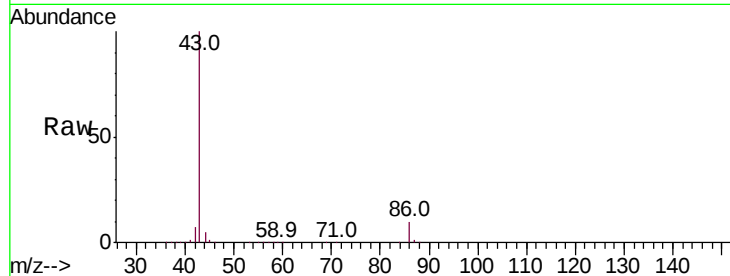
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 787615

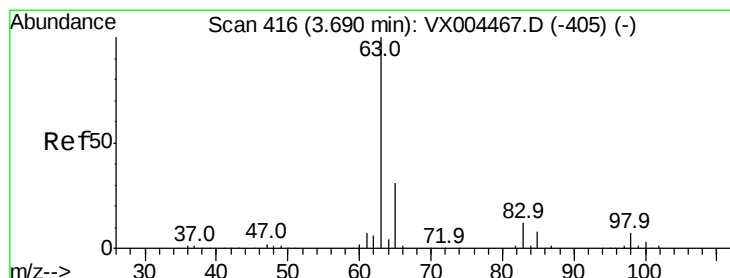
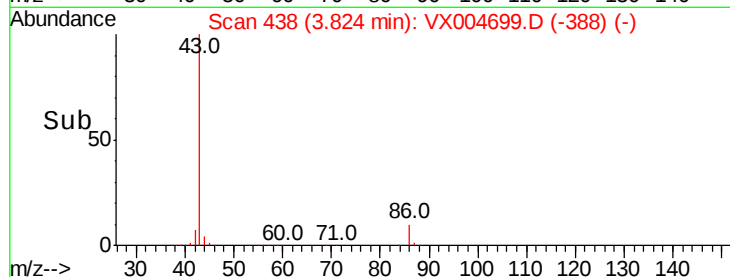
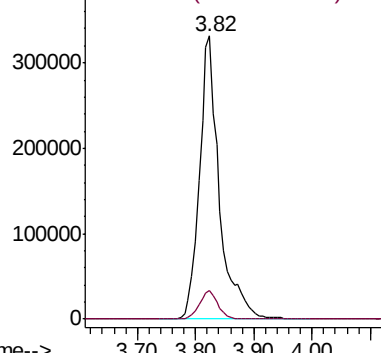
Ion Ratio Lower Upper

43 100

86 10.0 8.9 13.3



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



#24

1,1-Dichloroethane

Concen: 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

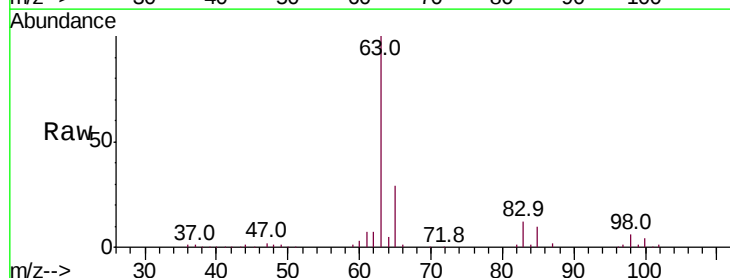
Tgt Ion: 63 Resp: 106751

Ion Ratio Lower Upper

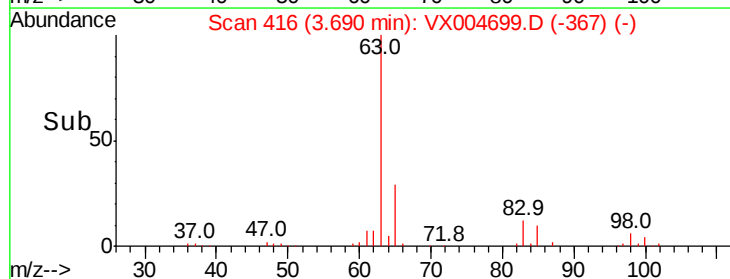
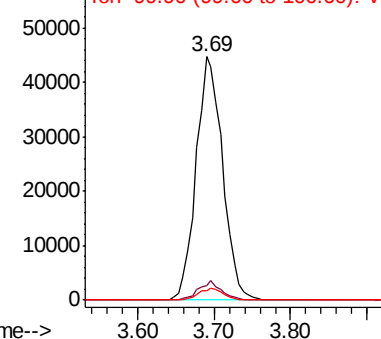
63 100

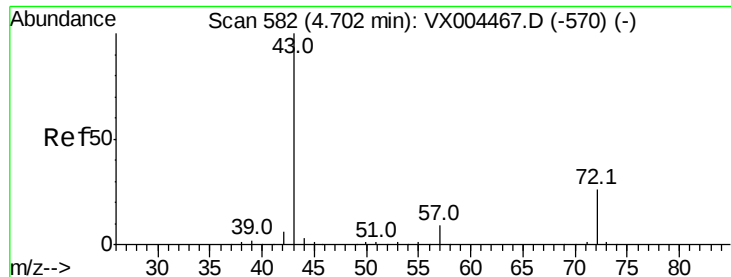
98 6.2 3.5 10.4

100 4.1 2.4 7.1



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





#25

2-Butanone

Concen: 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

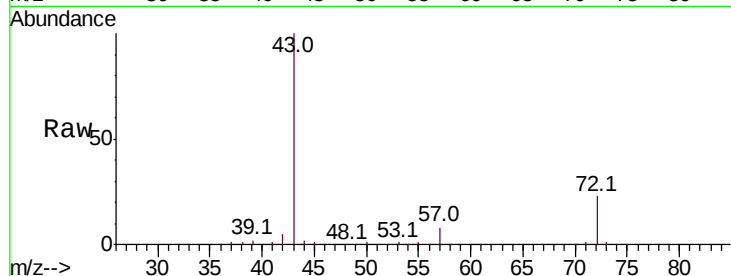
ClientSampled :

Tot Ion: 43 Resp: 232004

Ion Ratio Lower Upper

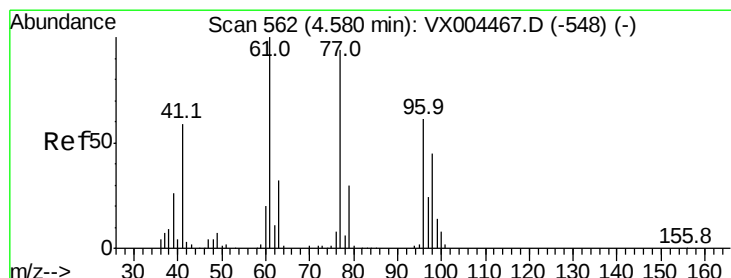
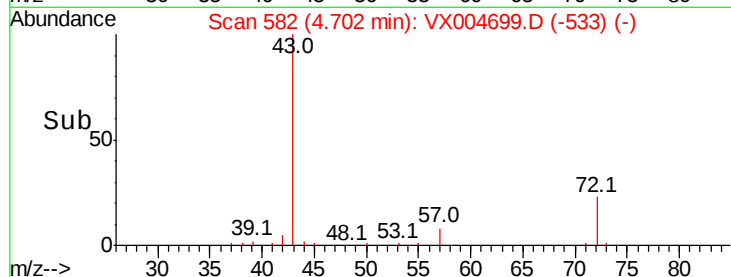
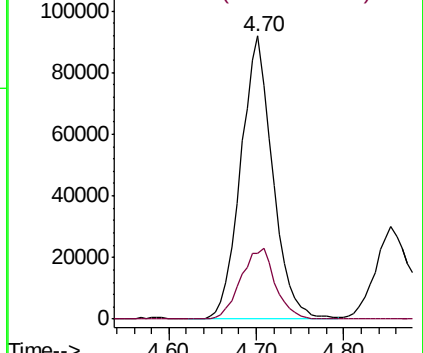
43 100

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

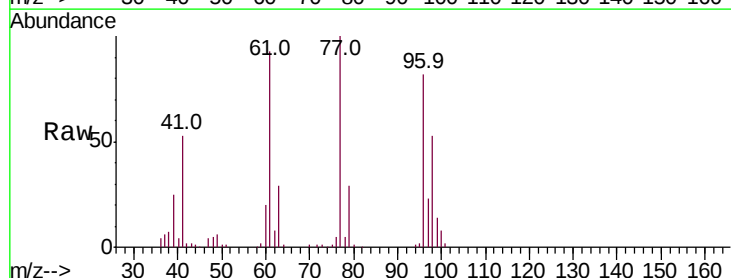
Acq: 19 Sep 2018 12:19

Tgt Ion: 77 Resp: 82126

Ion Ratio Lower Upper

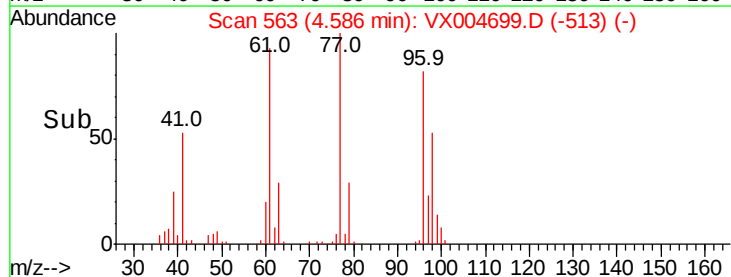
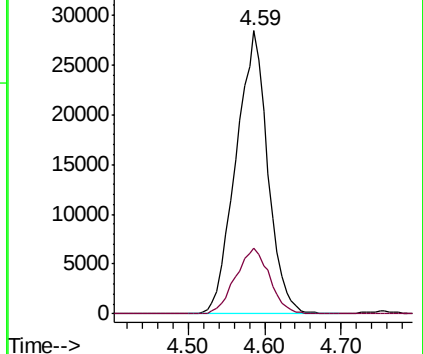
77 100

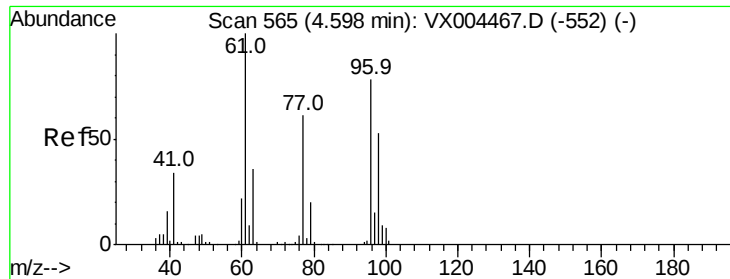
97 24.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



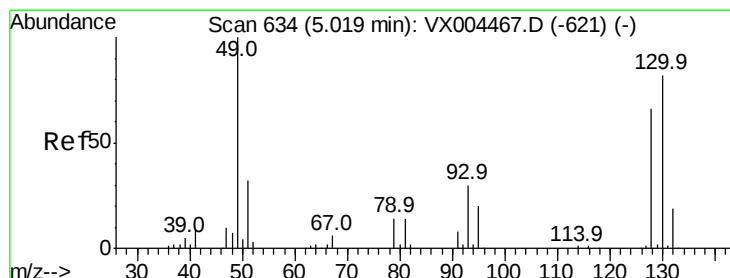
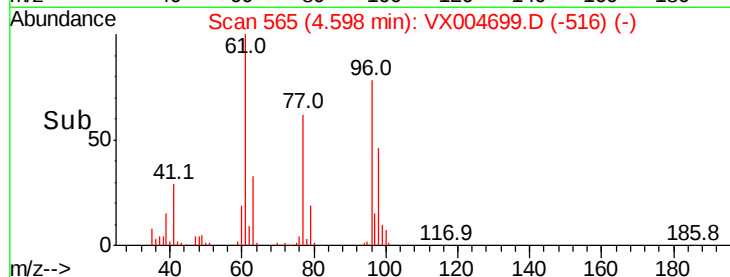
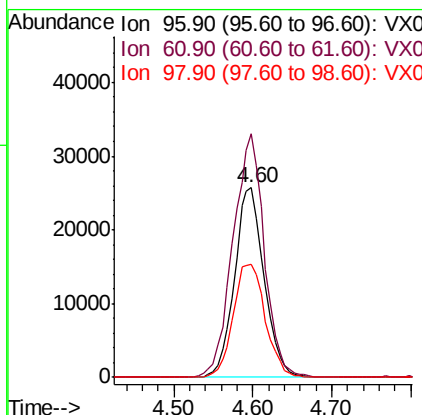
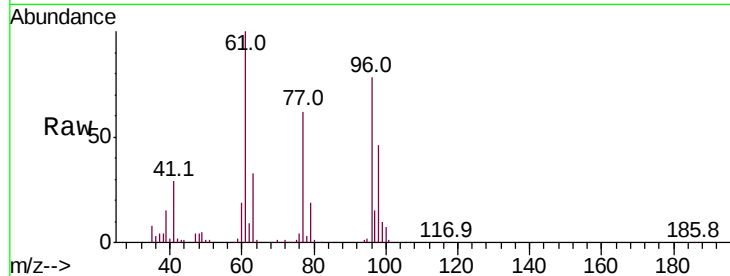


#27

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 :

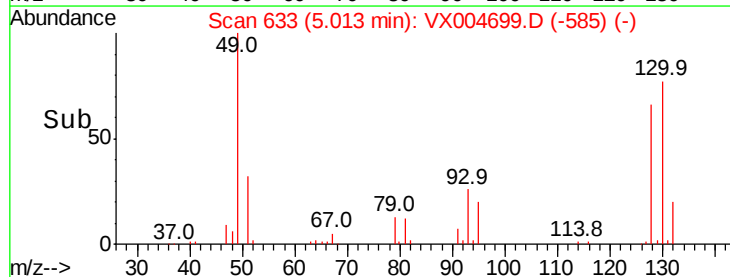
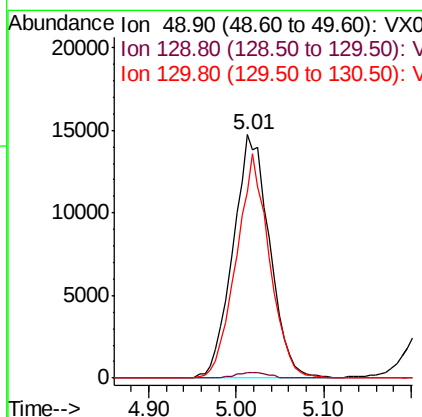
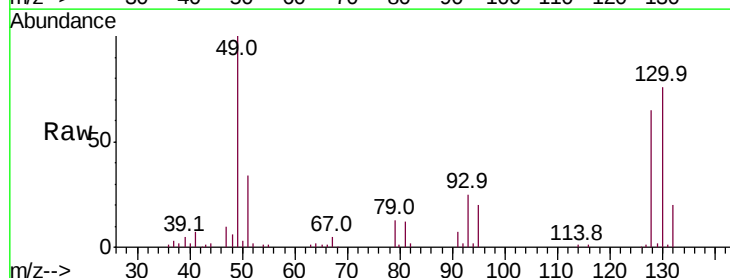
Tot Ion: 96 Resp: 67293
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 282.6
 98 64.5 0.0 130.2

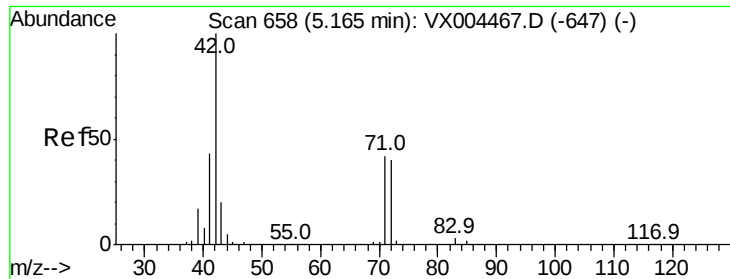


#28

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

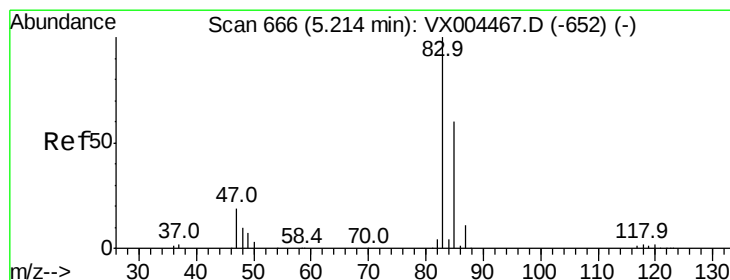
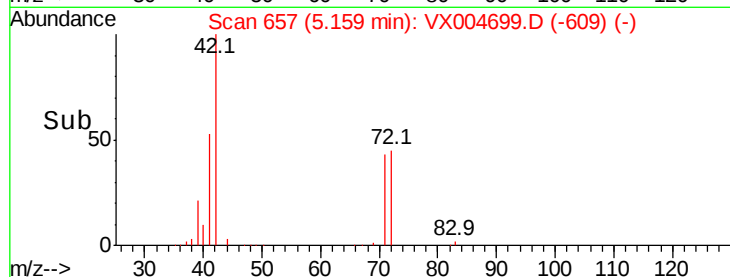
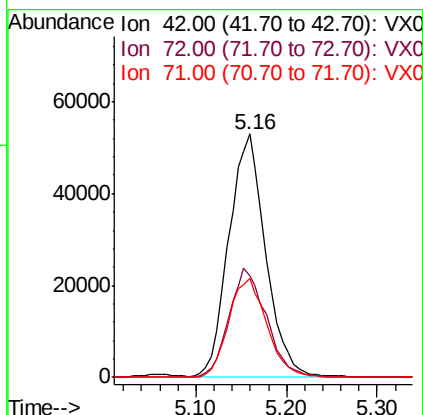
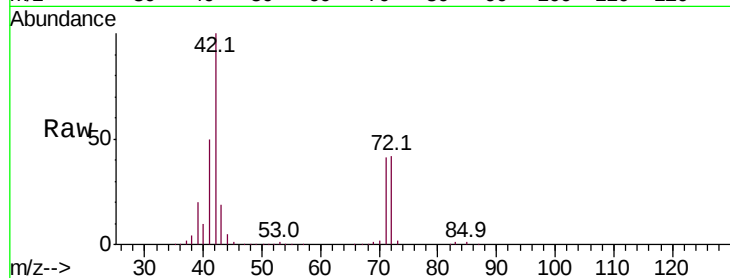




#29
Tetrahydrofuran
Concen: 101.583 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

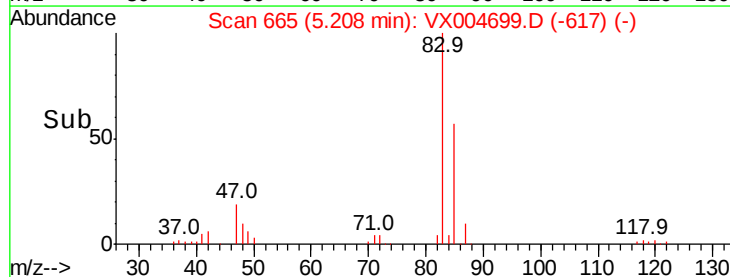
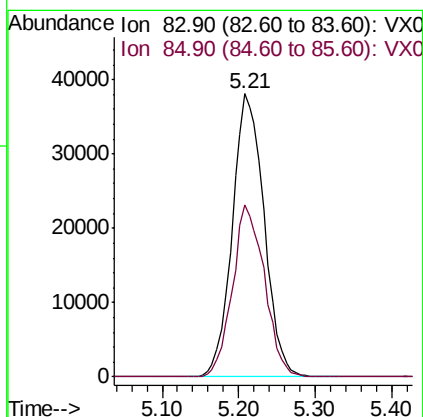
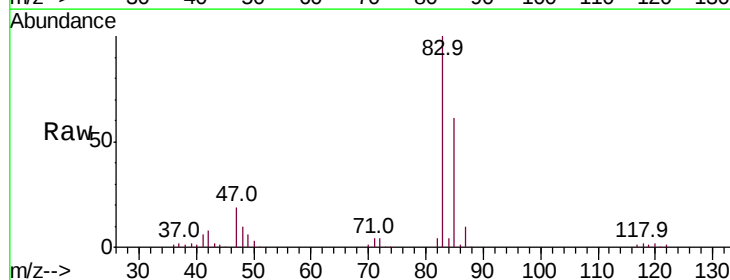
Instrument :
MSVOA_X
ClientSampleId :

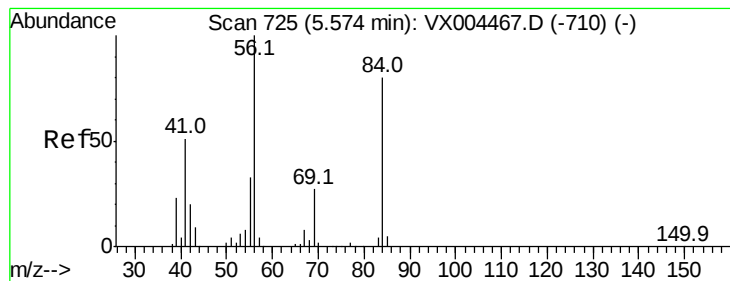
Tot Ion: 42 Resp: 148266
Ion Ratio Lower Upper
42 100
72 46.0 37.4 56.0
71 42.4 34.5 51.7



#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





#31

Cyclohexane

Concen: 20.470 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

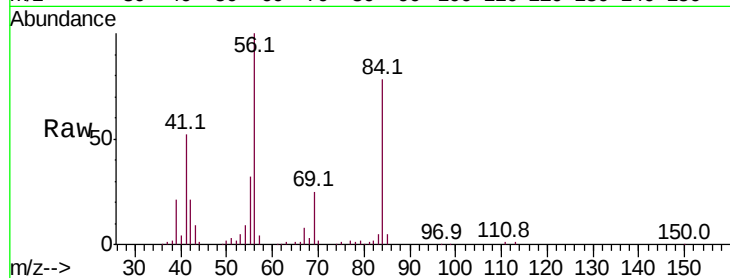
Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :

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

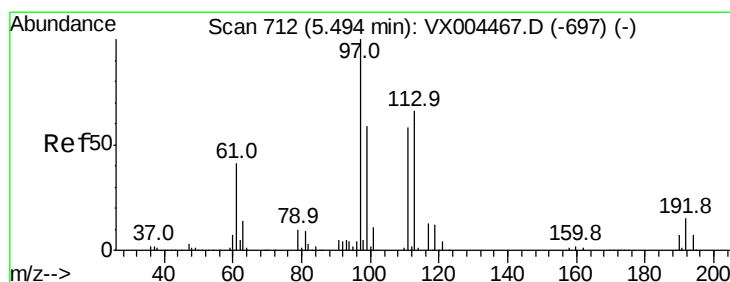
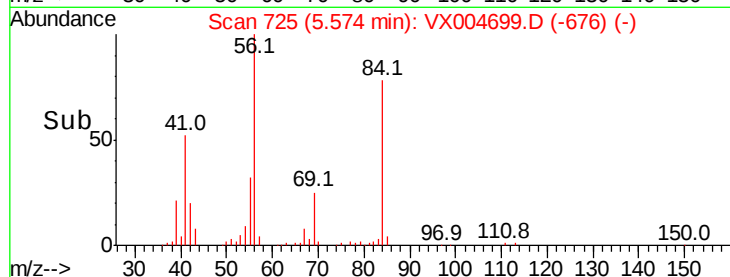
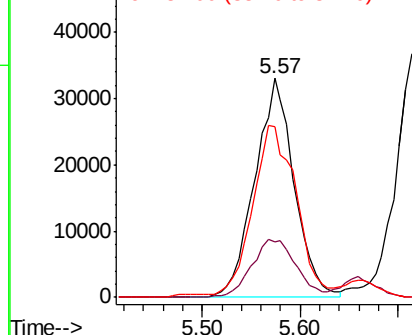


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.134 ug/l

RT: 5.49 min Scan# 712

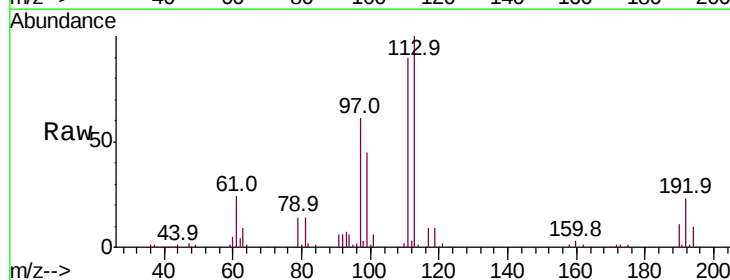
Delta R.T. -0.00 min

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

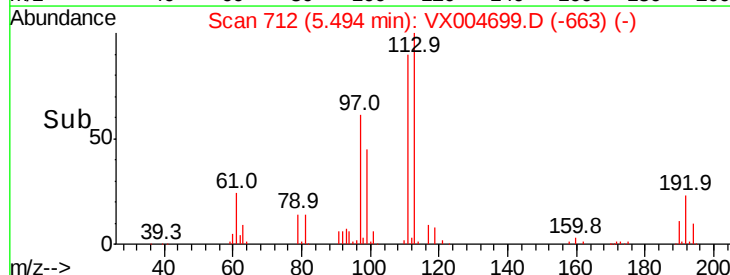
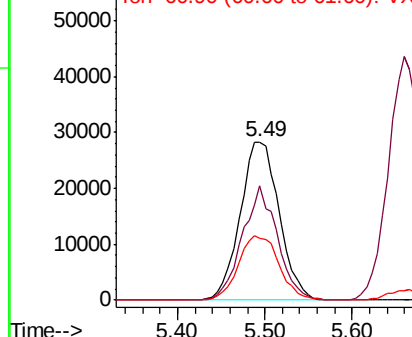


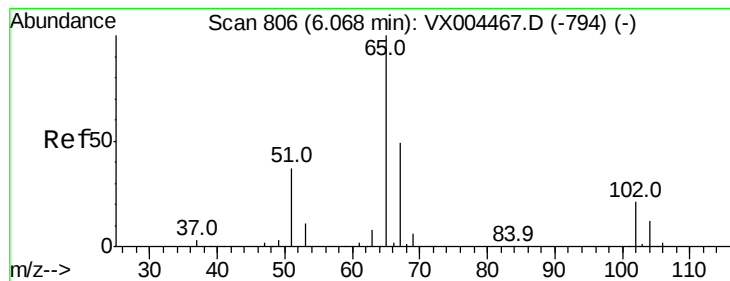
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 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

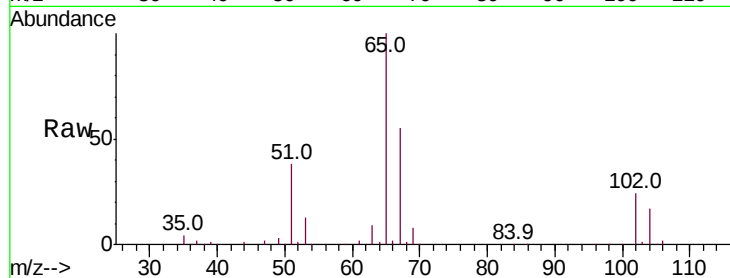
ClientSampled :

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

6.07

50000

40000

30000

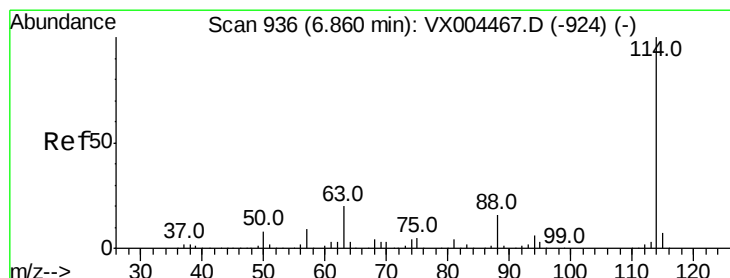
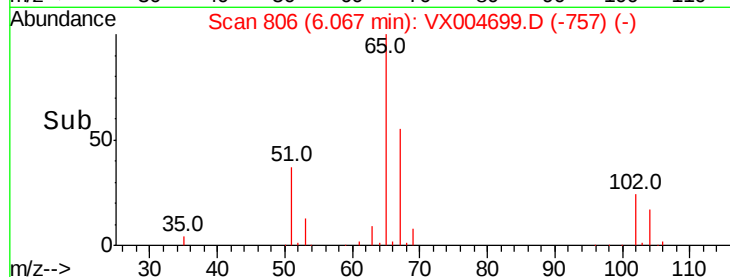
20000

10000

0

Time-->

6.00 6.10 6.20



#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

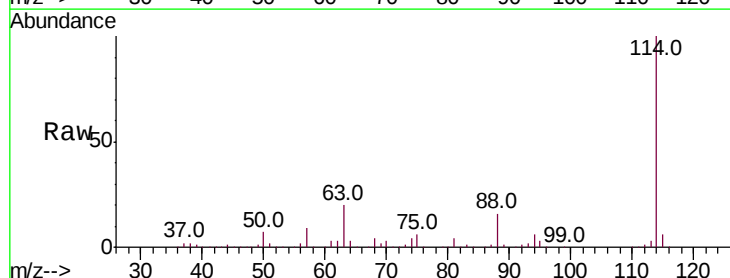
Tgt Ion:114 Resp: 317419

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

150000

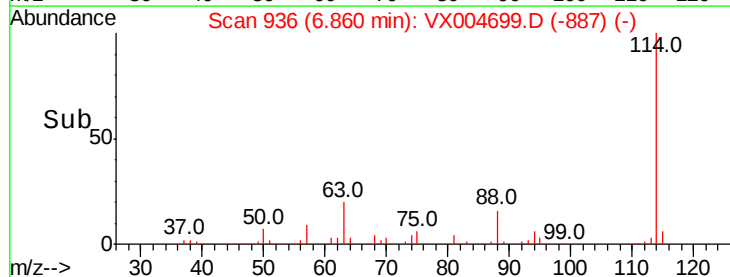
100000

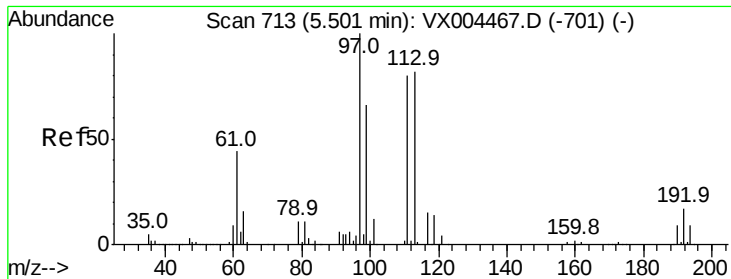
50000

0

Time-->

6.80 6.90 7.00

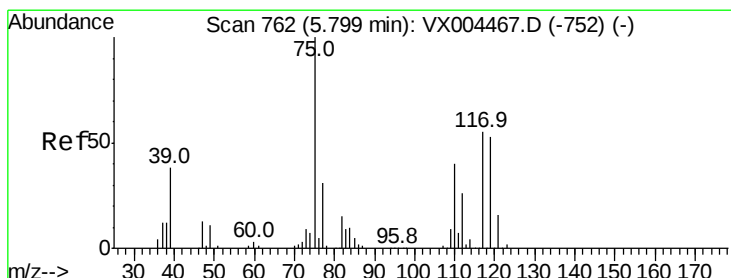
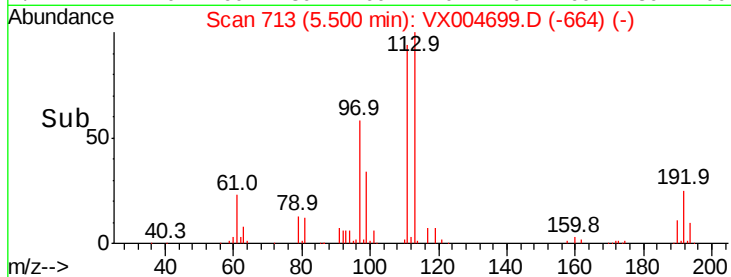
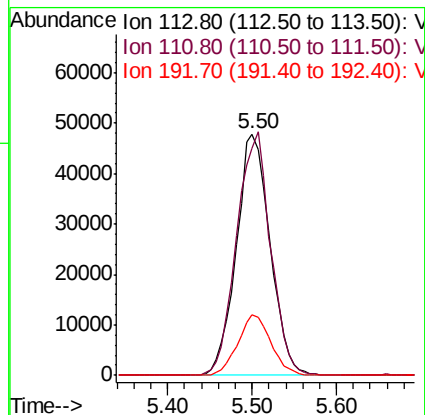
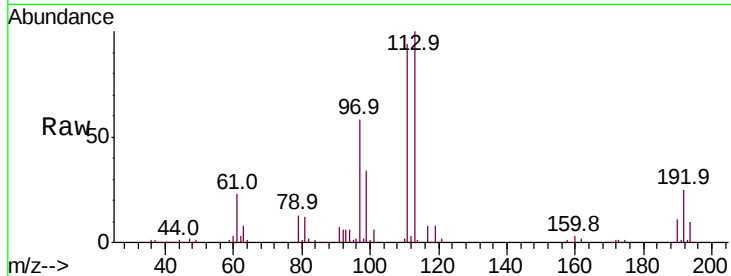




#35
 Dibromofluoromethane
 Concen: 44.666 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

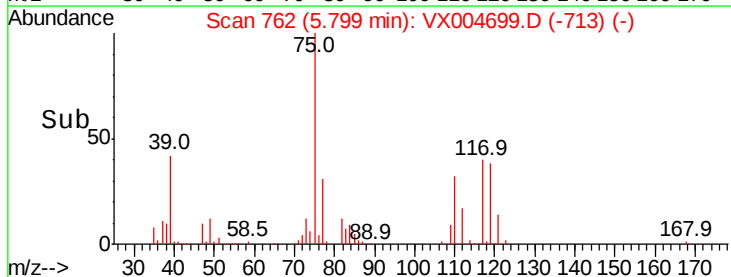
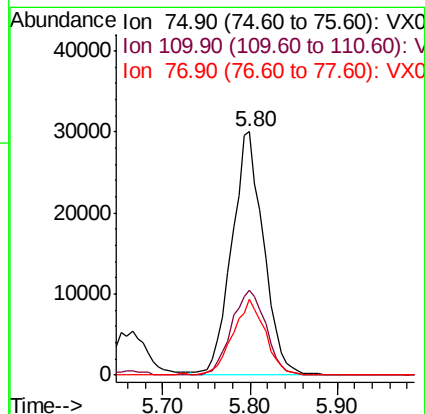
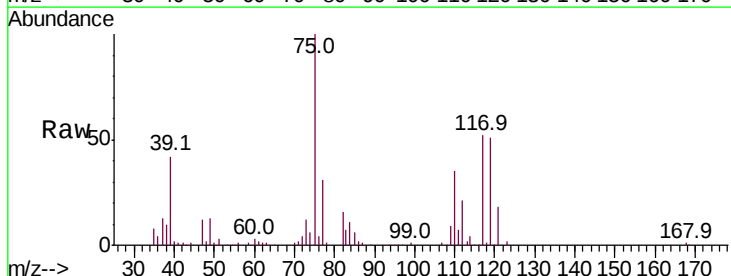
Instrument :
 MSVOA_X
 ClientSampled :

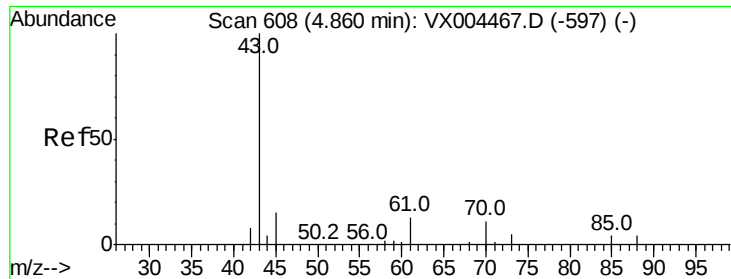
Tot Ion:113 Resp: 129740
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 24.5 19.4 29.2



#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

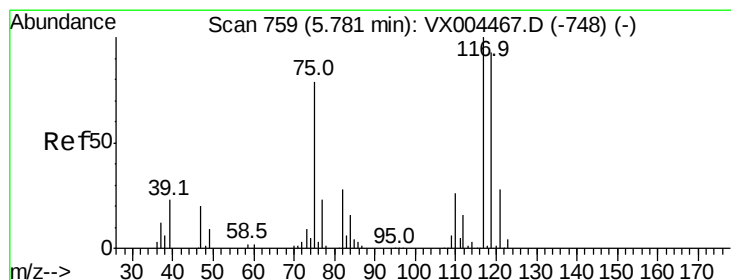
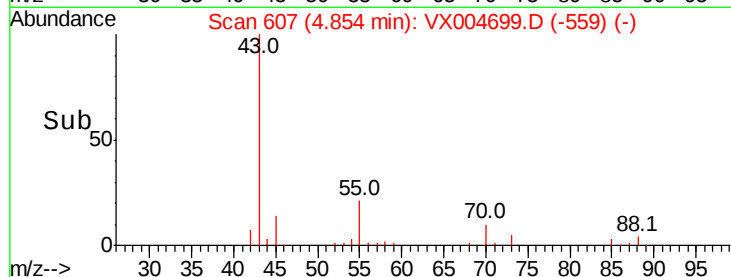
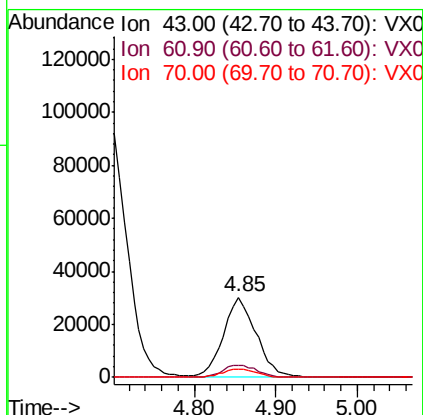
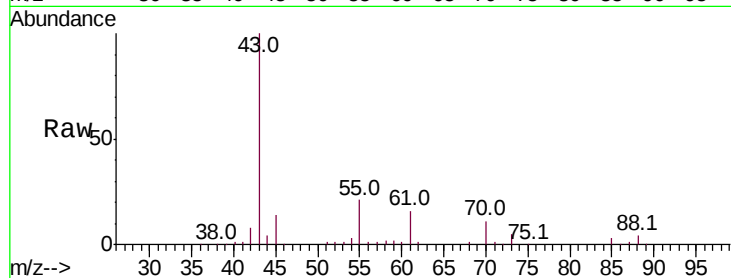




#37
Ethyl Acetate
Concen: 18.928 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

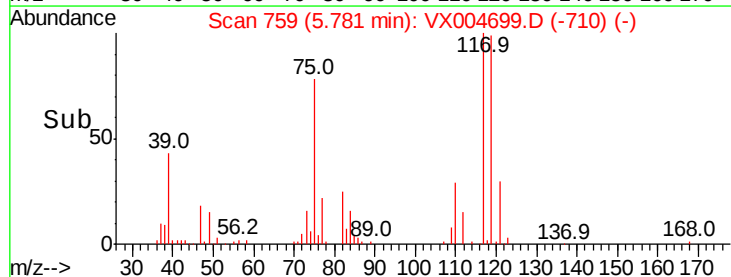
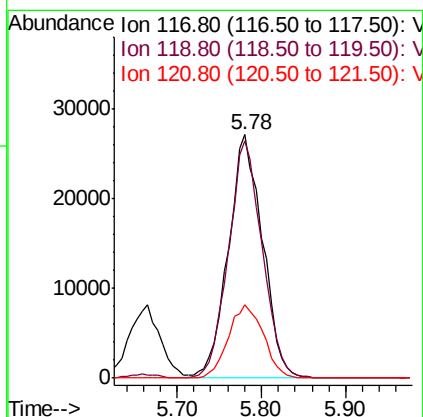
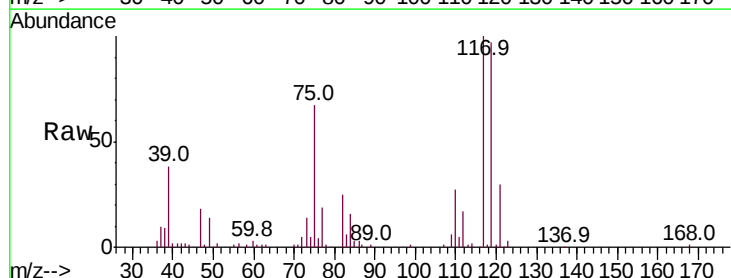
Instrument :
MSVOA_X
ClientSampled :

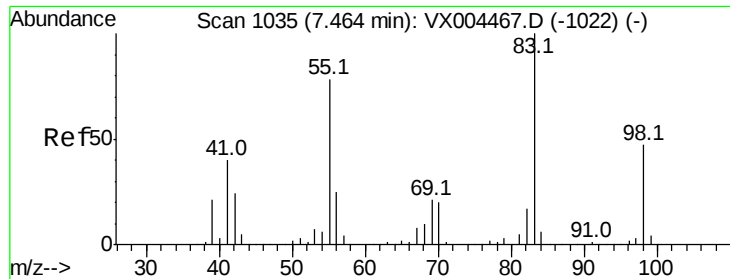
Tot Ion: 43 Resp: 82959
Ion Ratio Lower Upper
43 100
61 16.1 11.5 17.3
70 11.6 9.0 13.6



#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

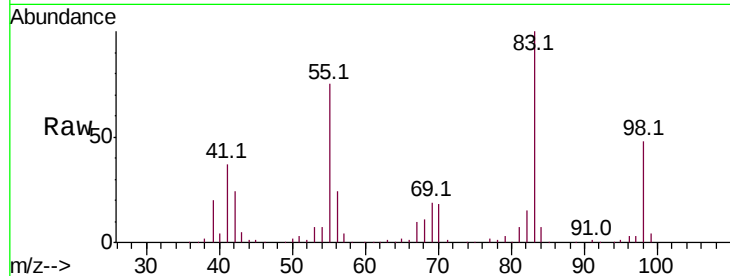




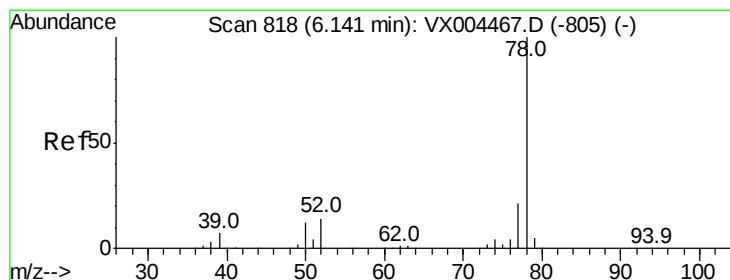
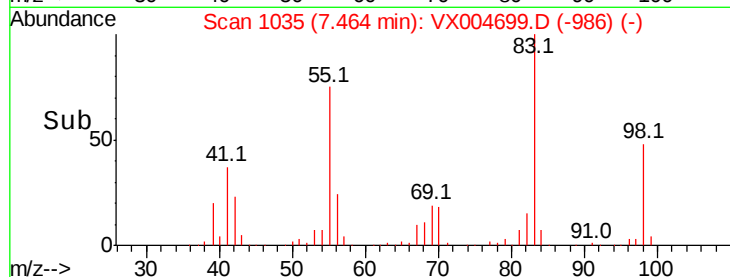
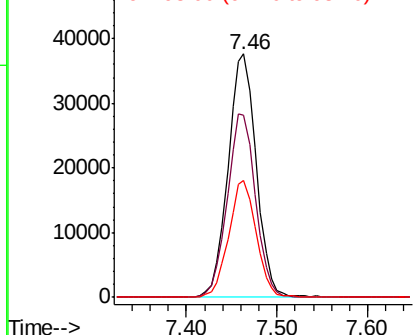
#39
Methvlcvclohexane
Concen: 20.349 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :

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

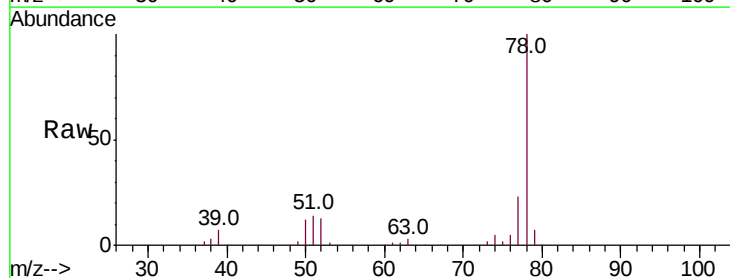


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

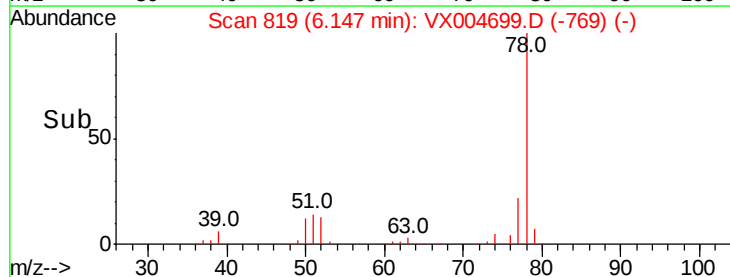
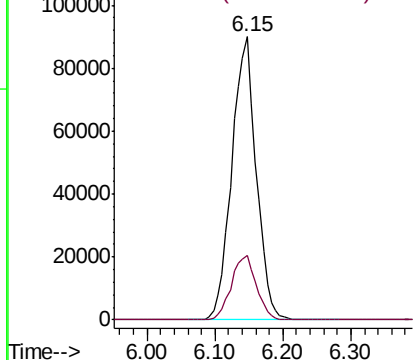


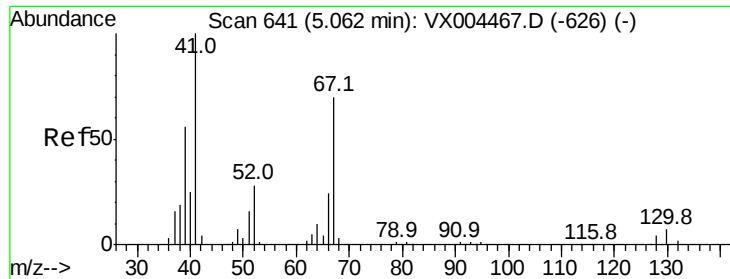
#40
Benzene
Concen: 19.594 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

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



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





#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 :

Tot Ion: 41 Resp: 47638

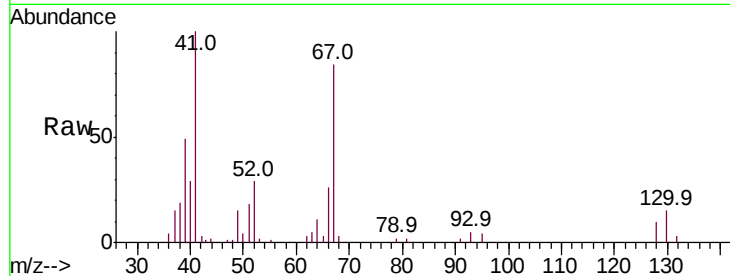
Ion Ratio Lower Upper

41 100

39 52.5 42.4 63.6

67 77.0 59.2 88.8

52 29.2 23.0 34.4

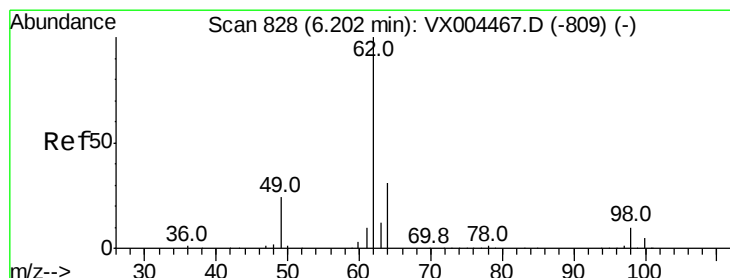
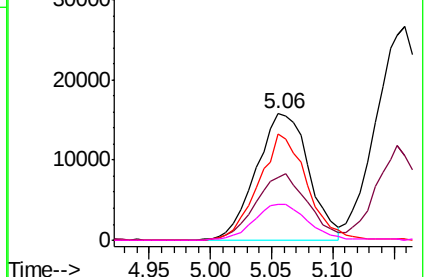
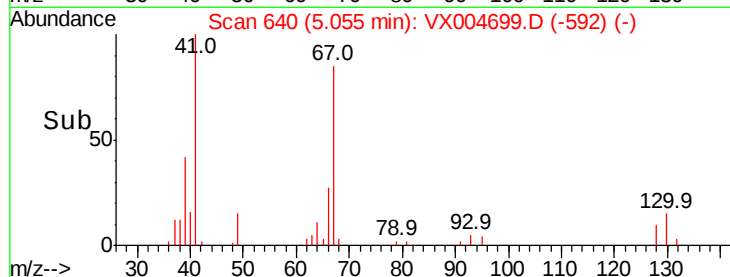


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

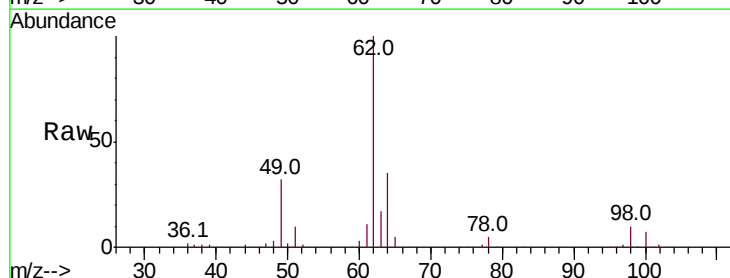
Acq: 19 Sep 2018 12:19

Tgt Ion: 62 Resp: 72184

Ion Ratio Lower Upper

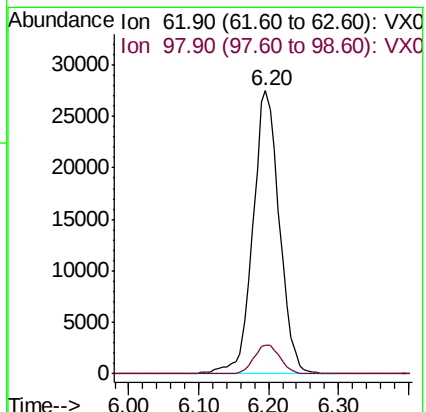
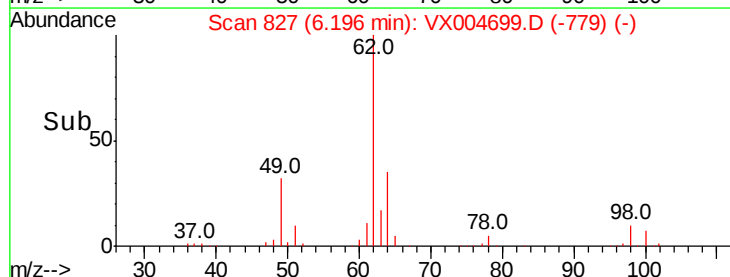
62 100

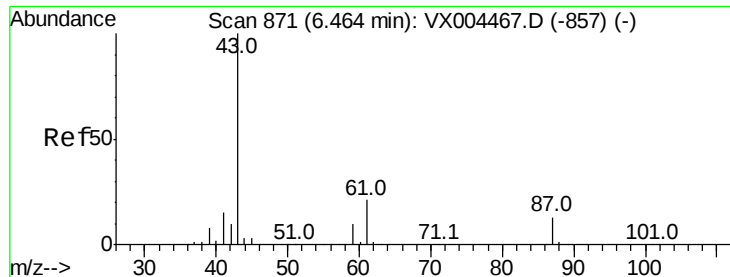
98 10.1 0.0 20.6



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 :

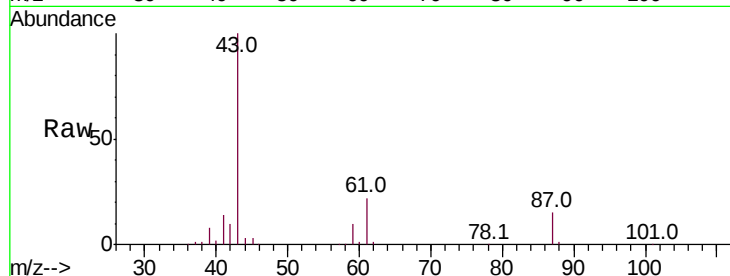
Tot Ion: 43 Resp: 118443

Ion Ratio Lower Upper

43 100

61 22.6 17.0 25.4

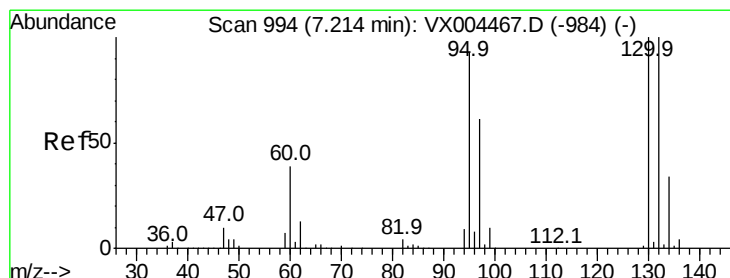
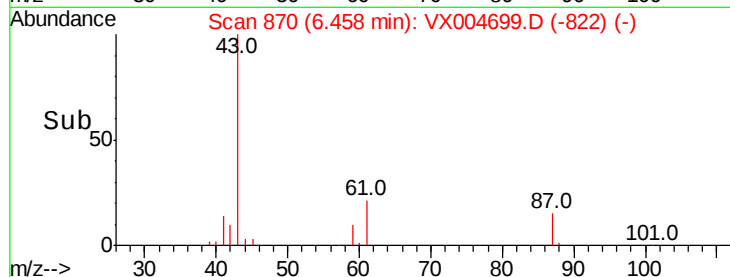
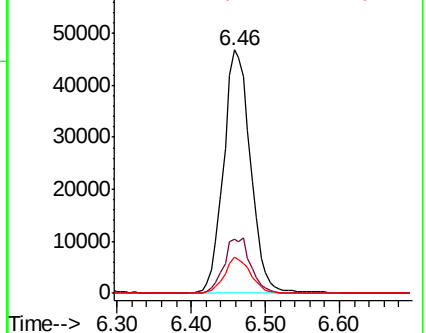
87 14.3 11.4 17.2



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

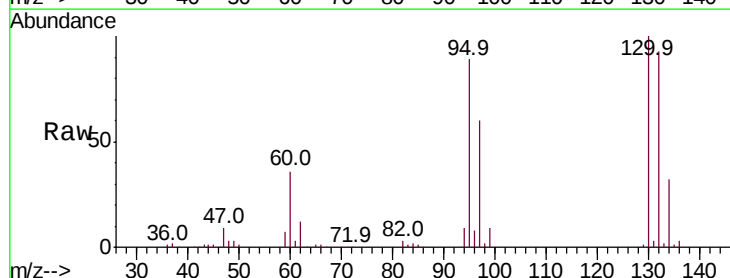
Acq: 19 Sep 2018 12:19

Tgt Ion:130 Resp: 64617

Ion Ratio Lower Upper

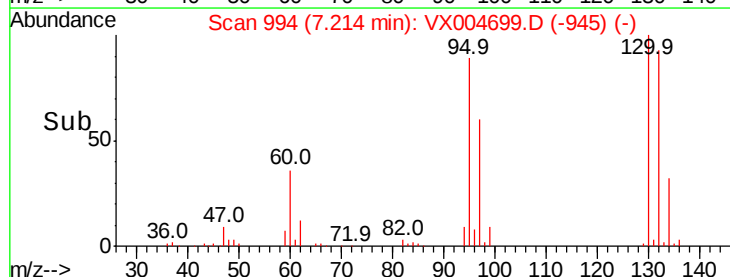
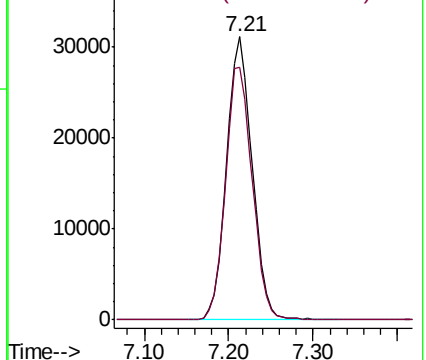
130 100

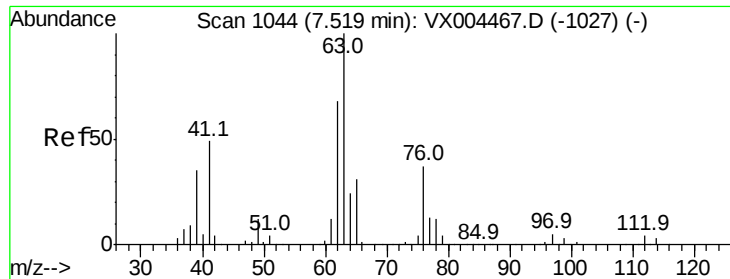
95 89.1 0.0 181.6



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

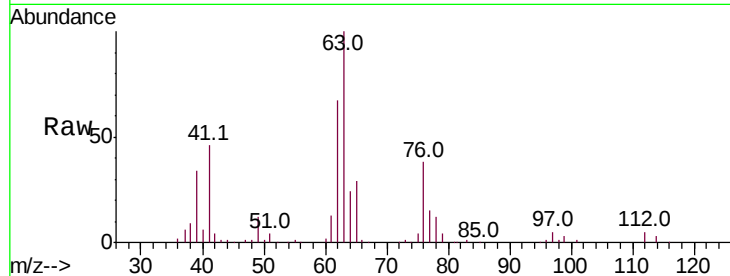
ClientSampleId :

Tot Ion: 63 Resp: 57522

Ion Ratio Lower Upper

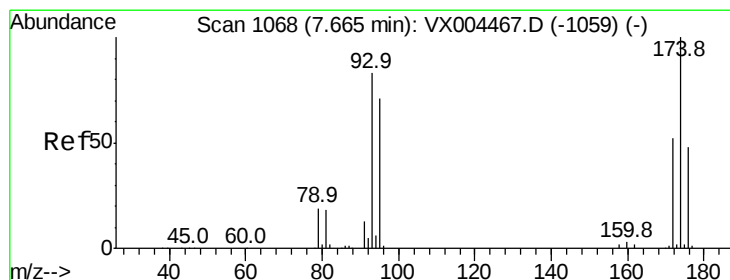
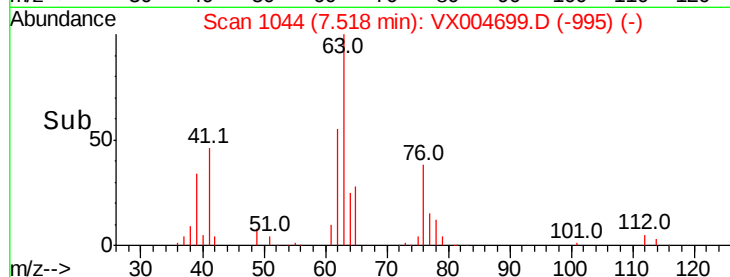
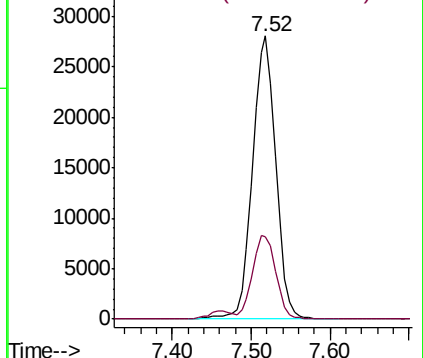
63 100

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



#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

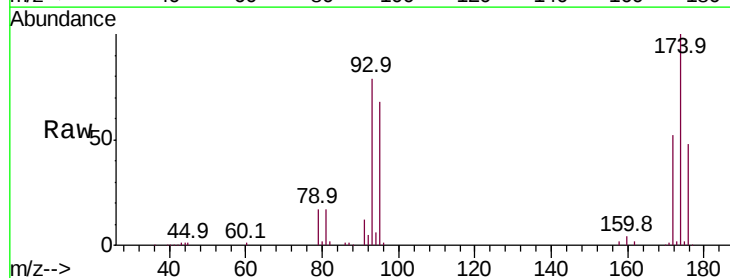
Tgt Ion: 93 Resp: 35836

Ion Ratio Lower Upper

93 100

95 84.4 65.5 98.3

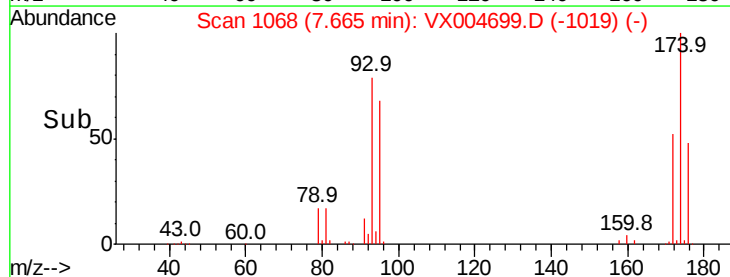
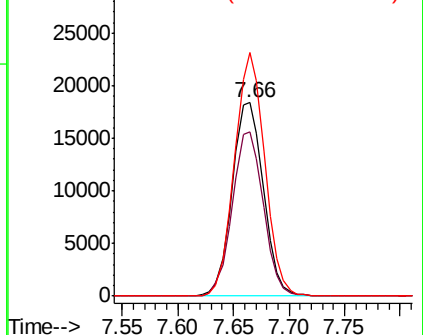
174 121.5 94.2 141.4

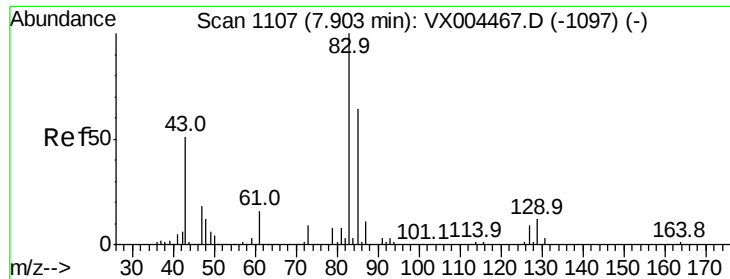


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#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 :

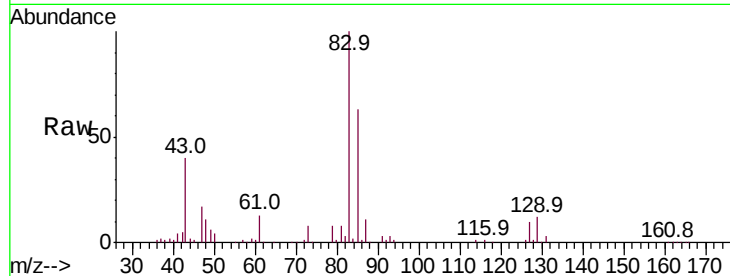
Tot Ion: 83 Resp: 67538

Ion Ratio Lower Upper

83 100

85 63.4 50.9 76.3

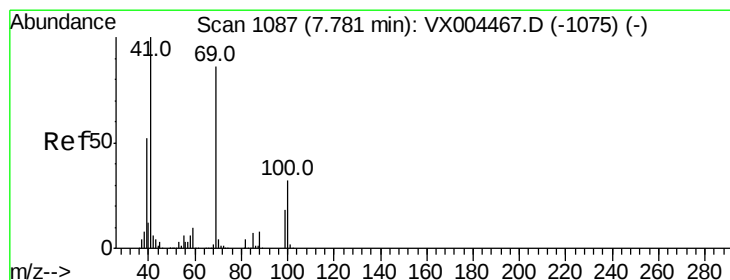
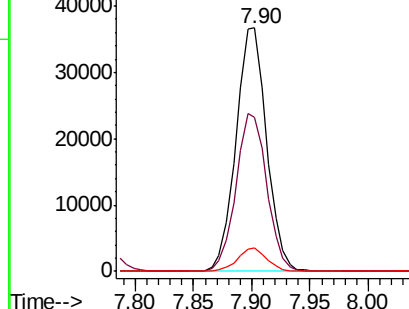
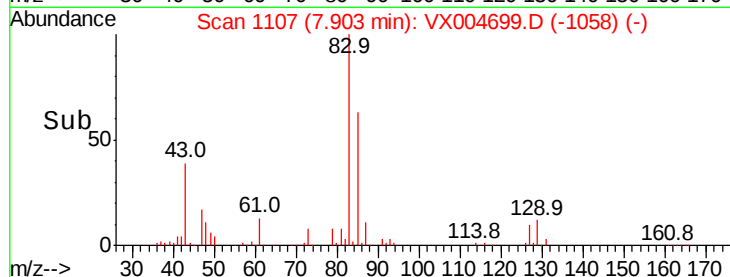
127 9.6 7.3 10.9



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

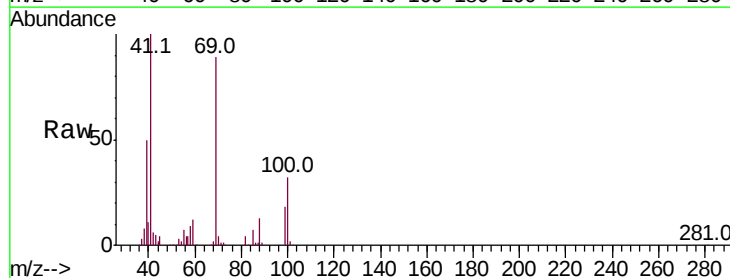
Tgt Ion: 41 Resp: 59284

Ion Ratio Lower Upper

41 100

69 88.2 70.2 105.4

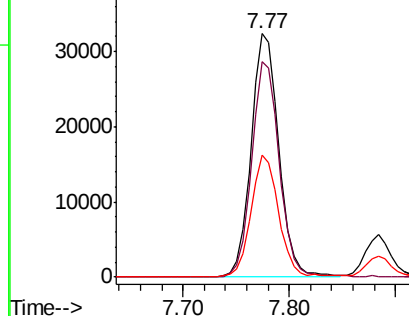
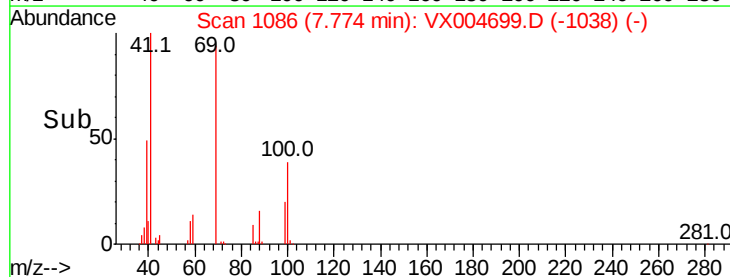
39 49.8 42.7 64.1

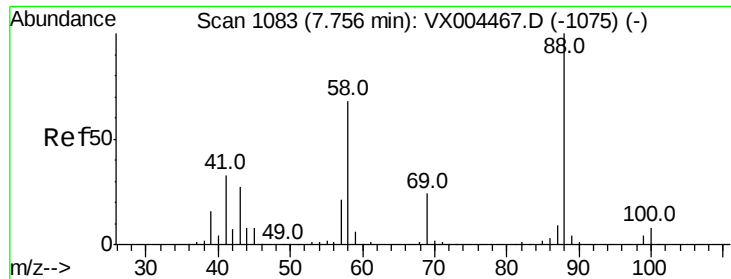


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

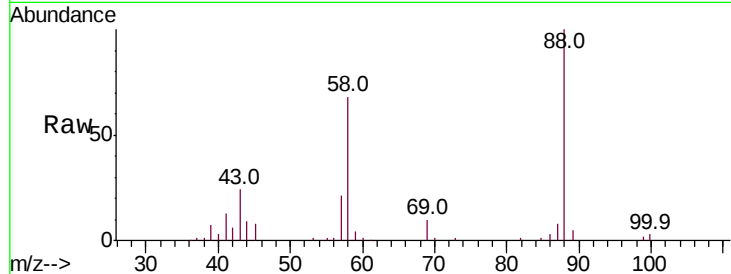




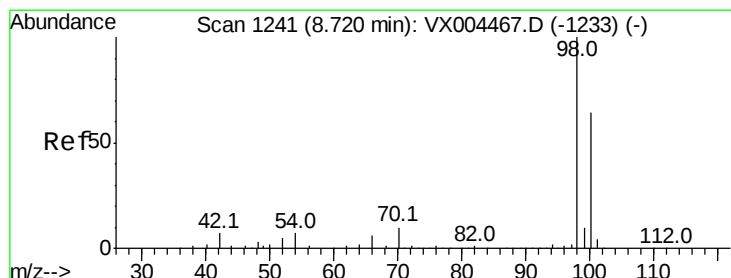
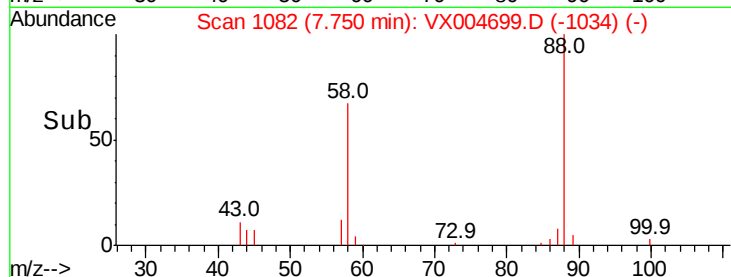
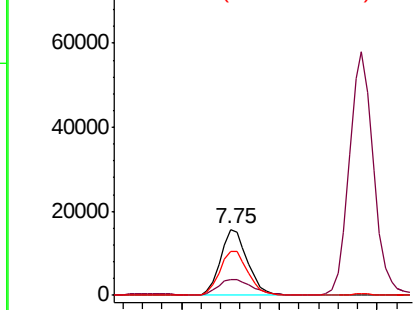
#49
1,4-Dioxane
Concen: 441.388 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :

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

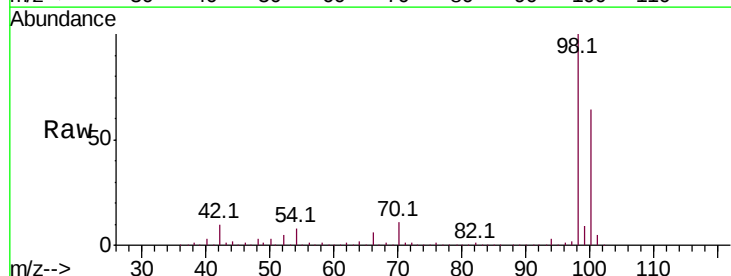


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

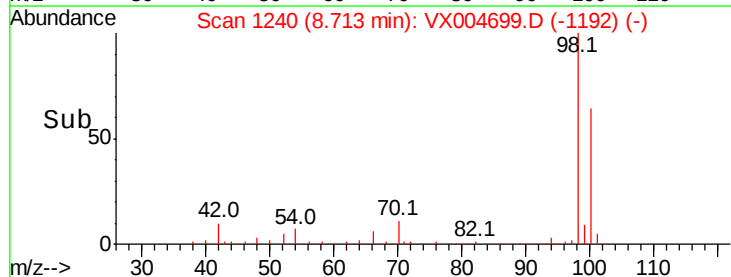
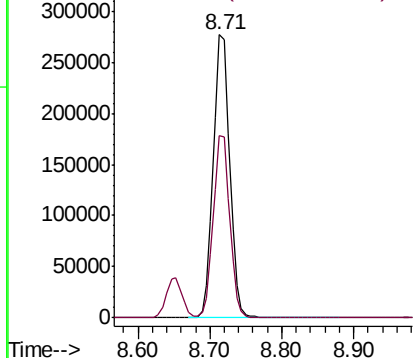


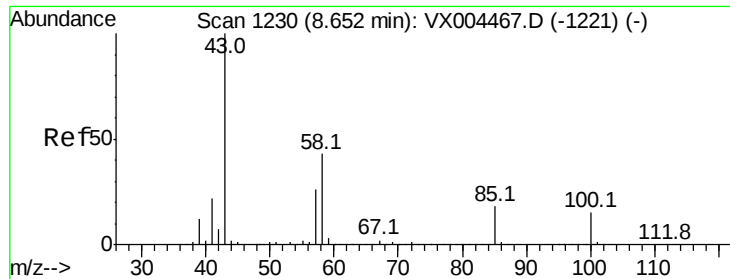
#50
Toluene-d8
Concen: 45.019 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

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): V

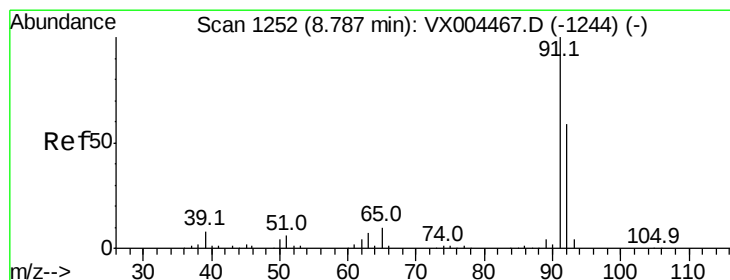
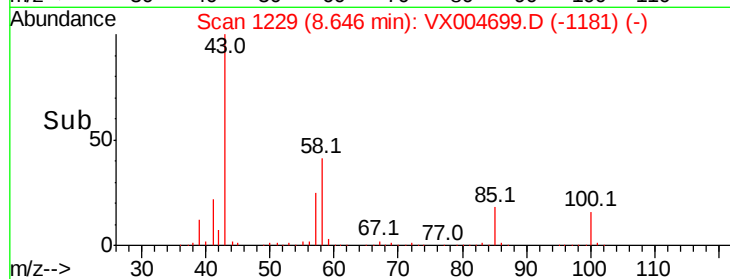
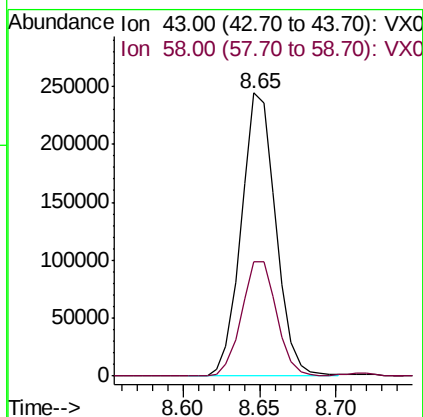
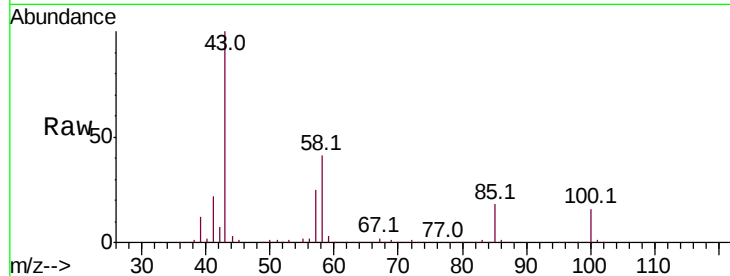




#51
4-Methyl-2-Pentanone
Concen: 92.919 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

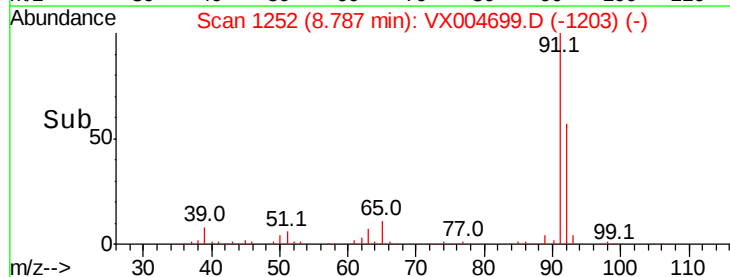
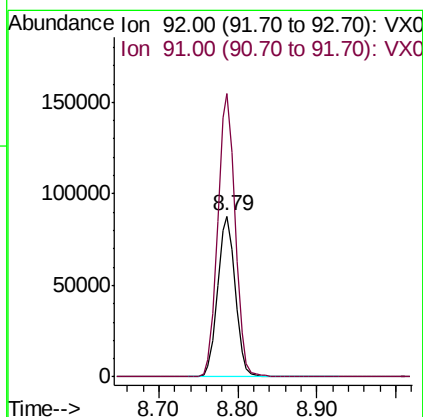
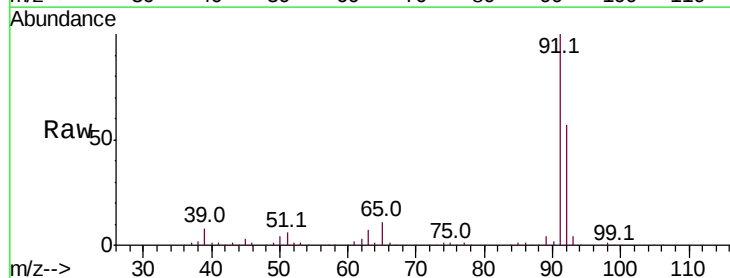
Instrument :
MSVOA_X
ClientSampleId :

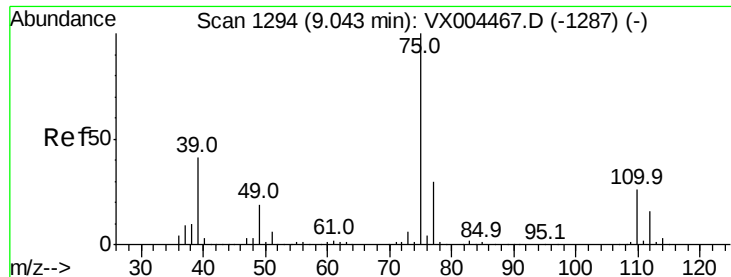
Tot Ion: 43 Resp: 381724
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7



#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





#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

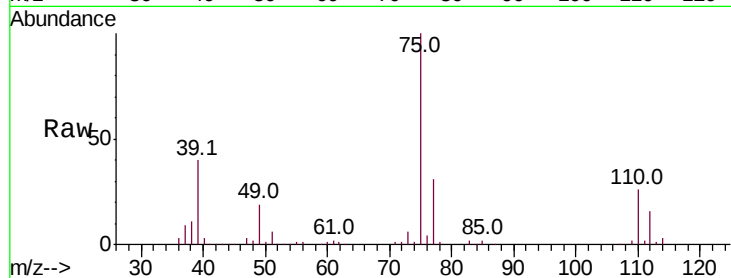
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 74930

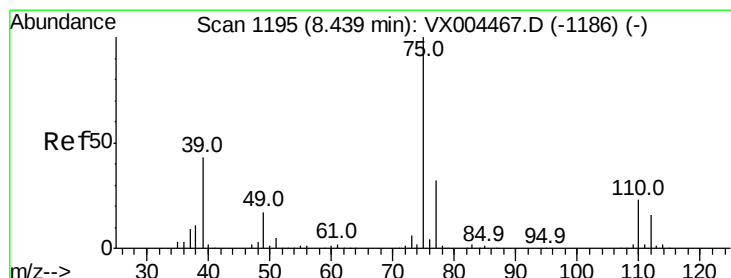
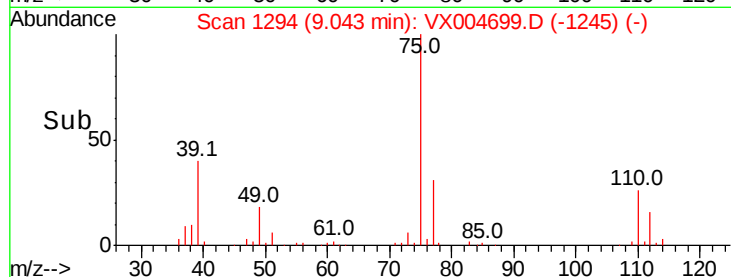
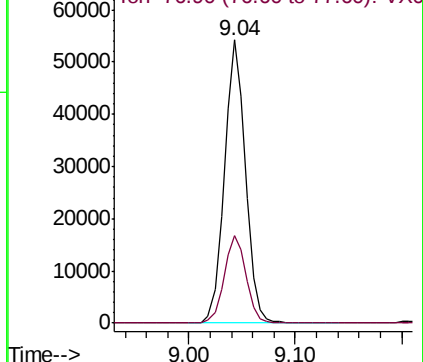
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 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

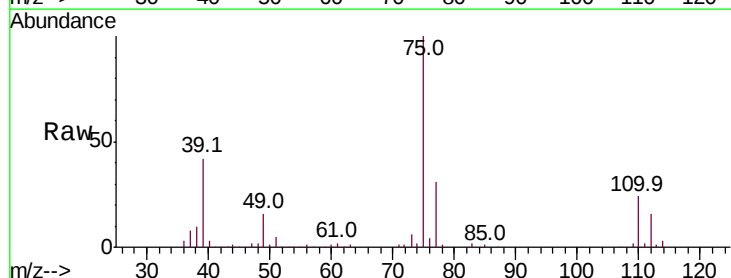
Tgt Ion: 75 Resp: 84214

Ion Ratio Lower Upper

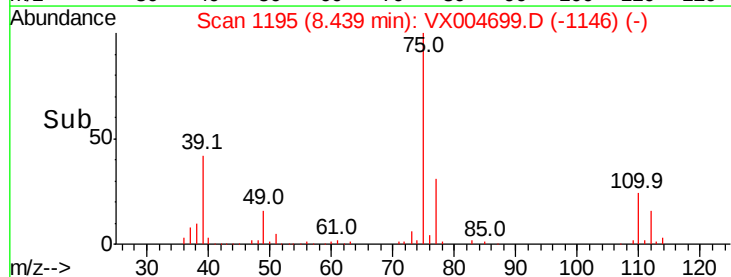
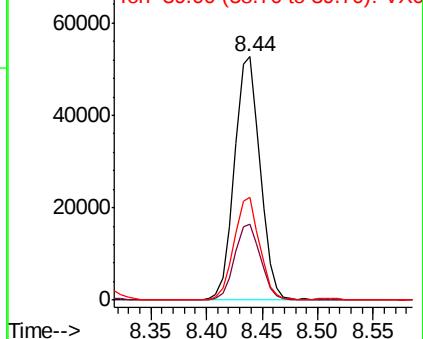
75 100

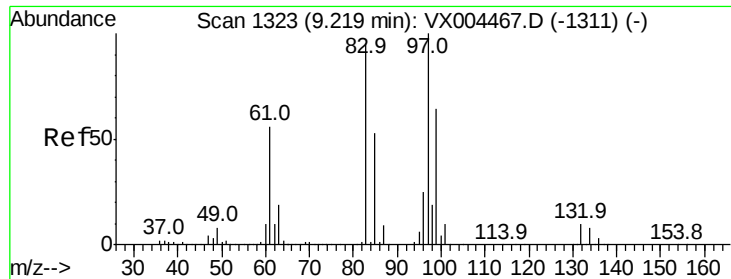
77 31.3 26.2 39.2

39 42.3 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

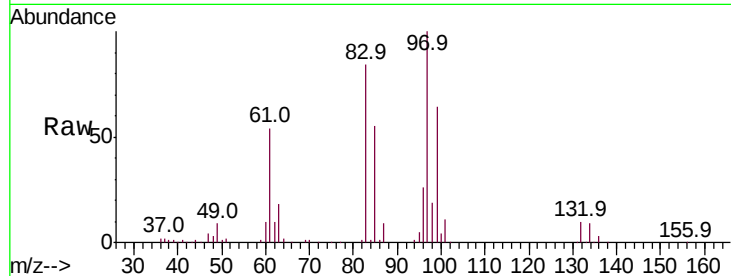




#55
 1,1,2-Trichloroethane
 Concen: 19.685 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampled :

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



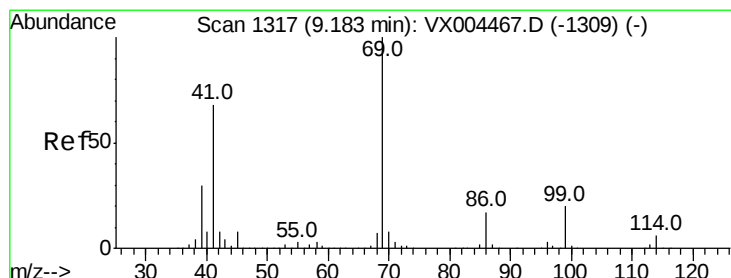
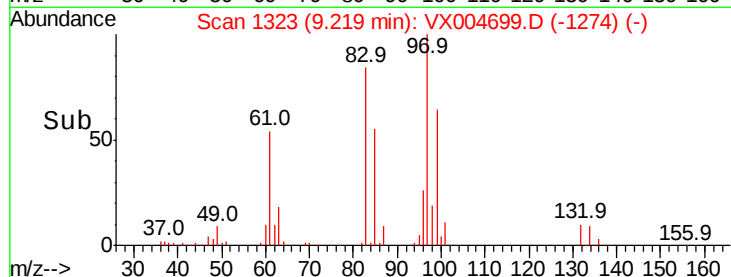
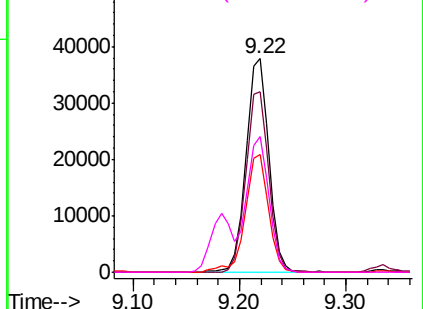
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

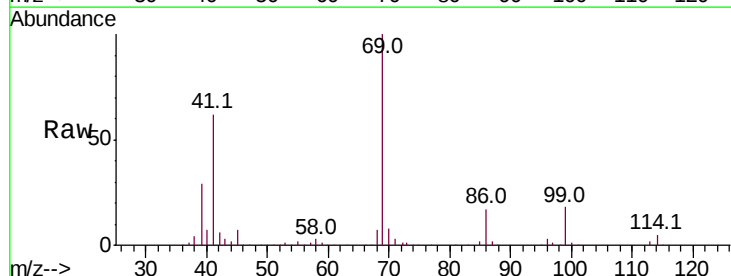
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 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

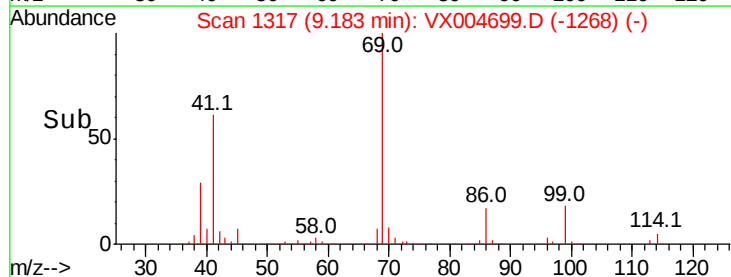
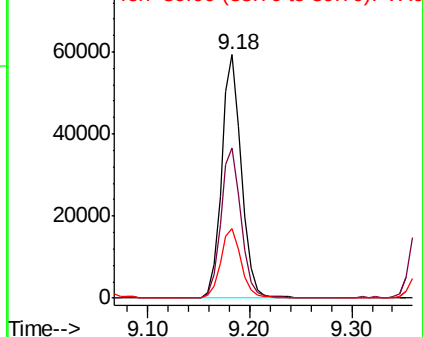


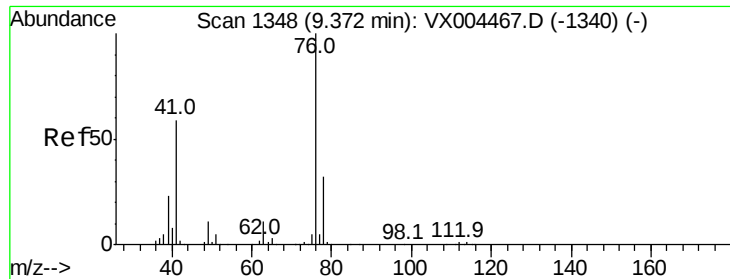
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.547 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

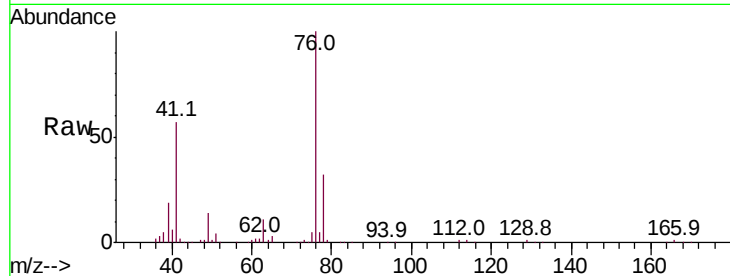
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 92124

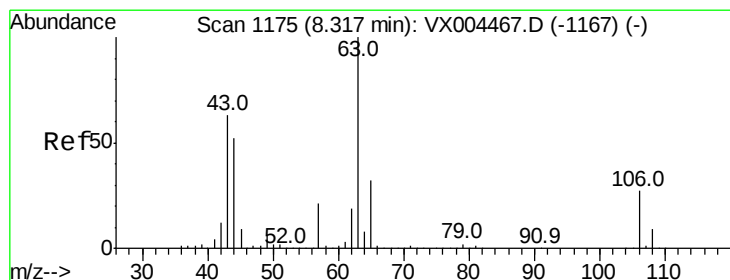
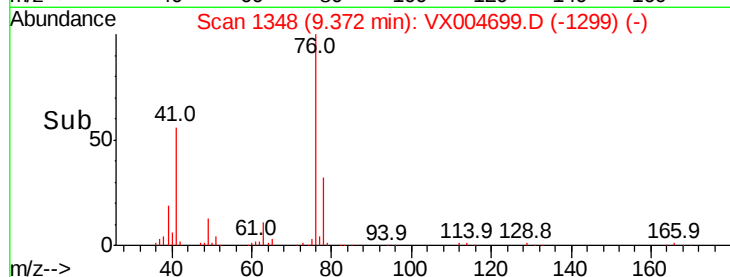
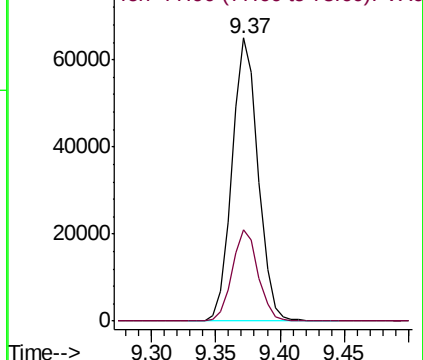
Ion Ratio Lower Upper

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

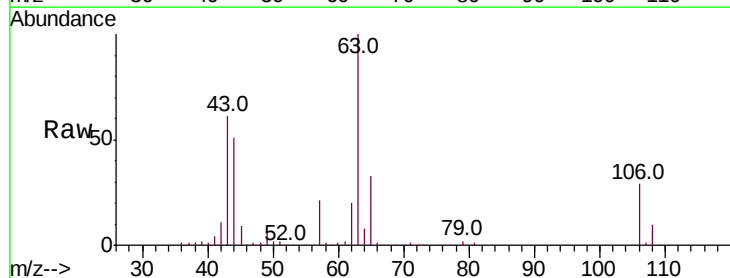
Acq: 19 Sep 2018 12:19

Tgt Ion: 63 Resp: 189049

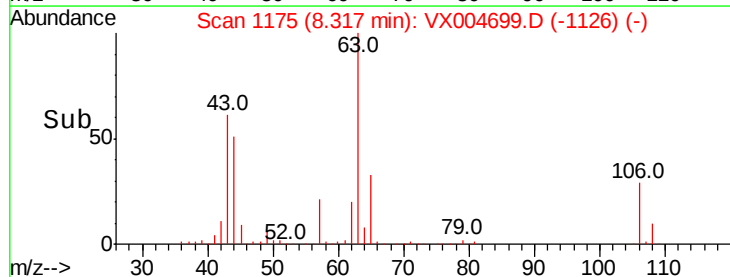
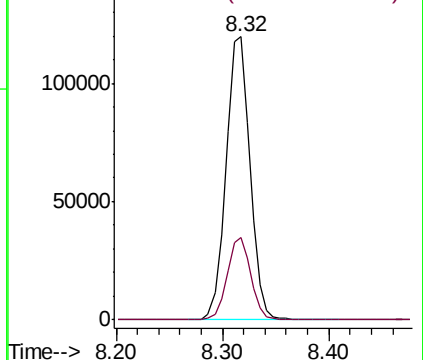
Ion Ratio Lower Upper

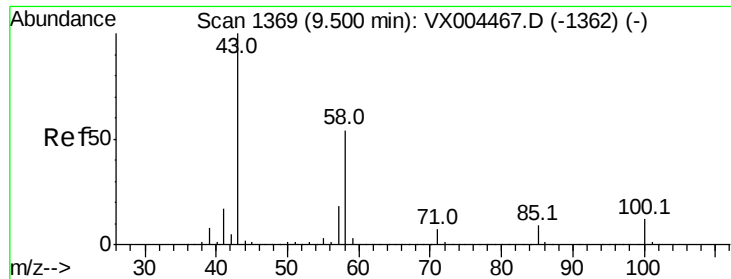
63 100

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

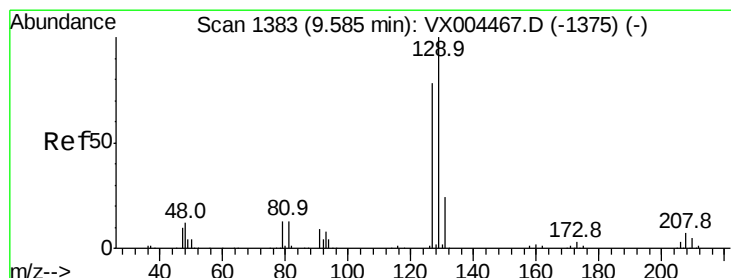
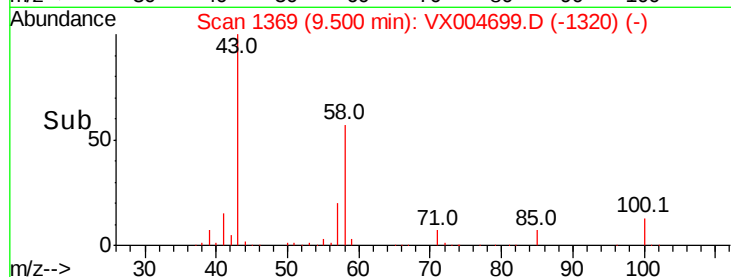
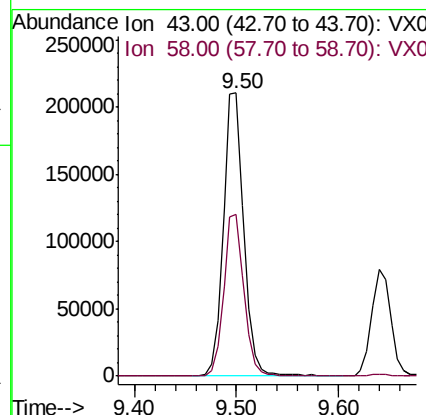
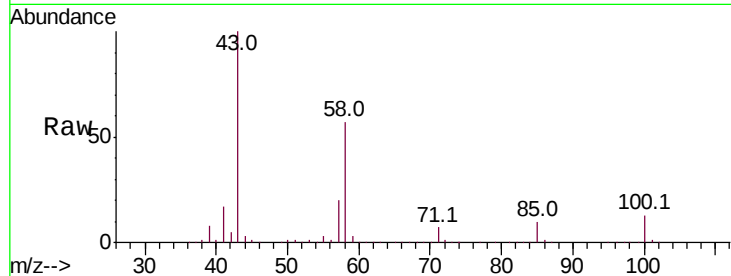




#59
2-Hexanone
Concen: 93.525 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

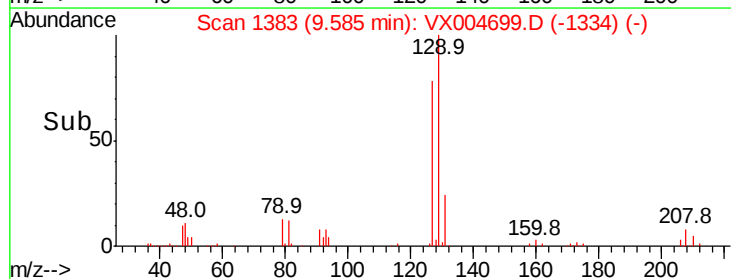
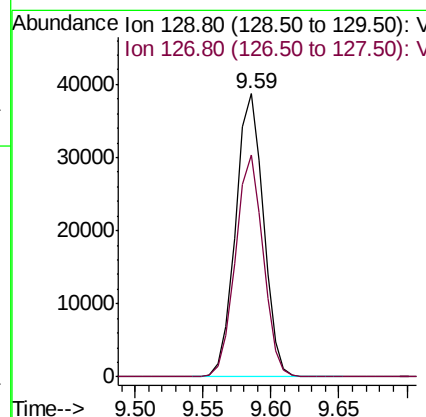
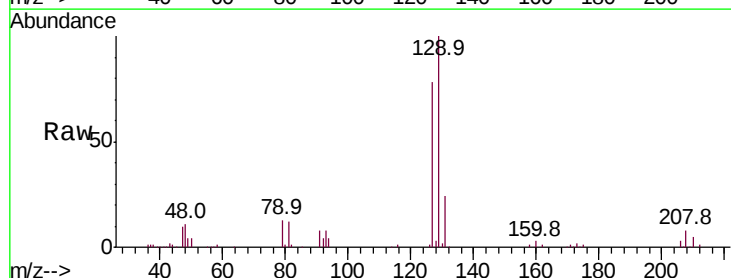
Instrument :
MSVOA_X
ClientSampleId :

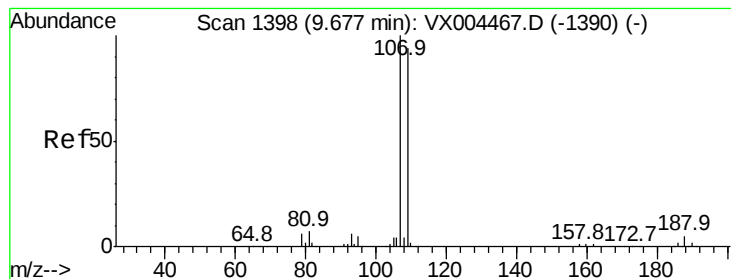
Tot Ion: 43 Resp: 294705
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.0



#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

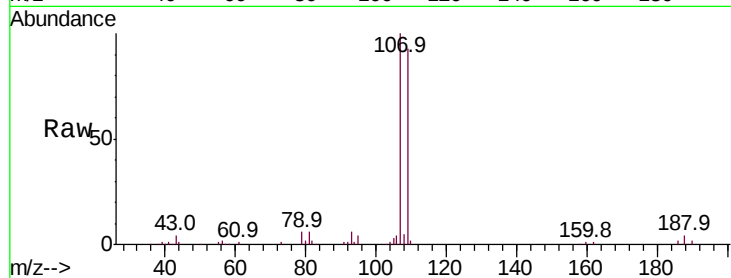
ClientSampleId :

Tot Ion:107 Resp: 57931

Ion Ratio Lower Upper

107 100

109 94.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

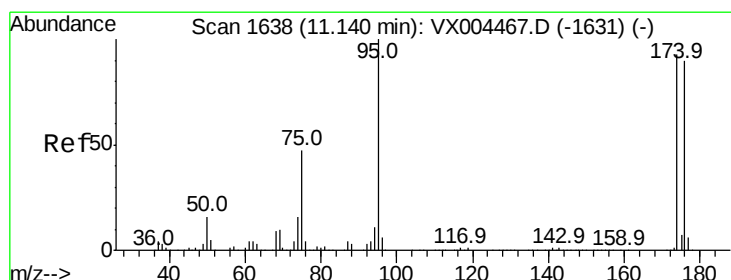
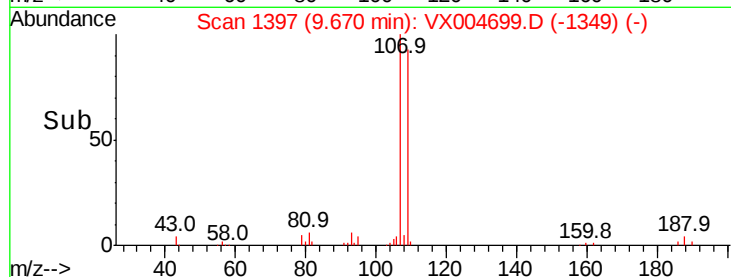
30000

20000

10000

0

Time--> 9.60 9.65 9.70 9.75



#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

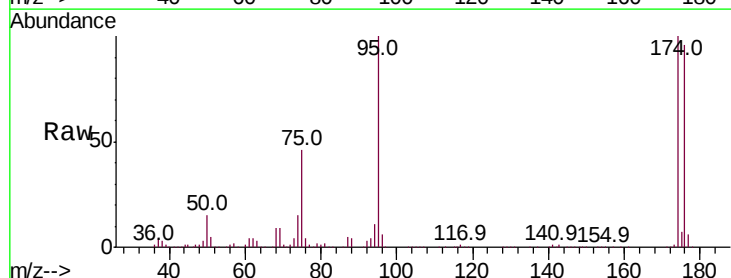
Tgt Ion: 95 Resp: 157684

Ion Ratio Lower Upper

95 100

174 96.0 0.0 185.2

176 93.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

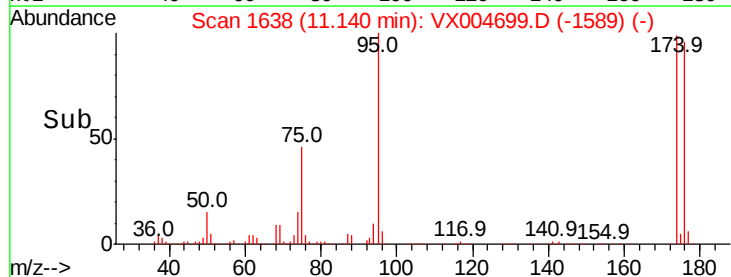
150000

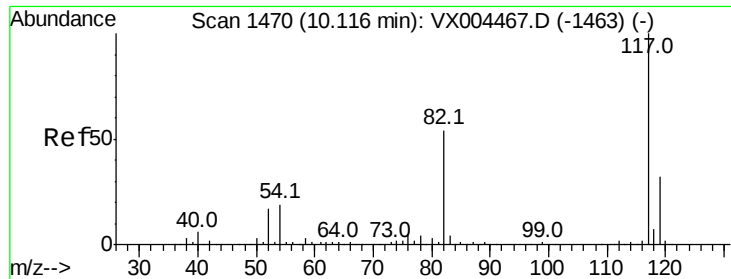
100000

50000

0

Time--> 11.10 11.20

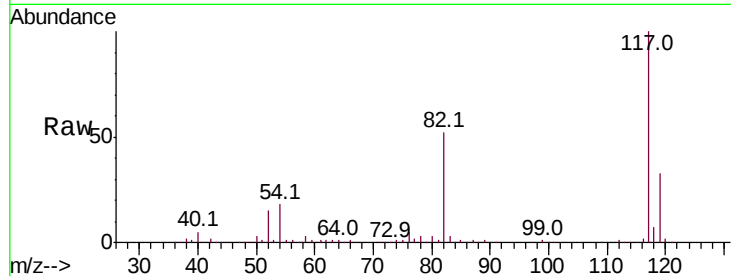




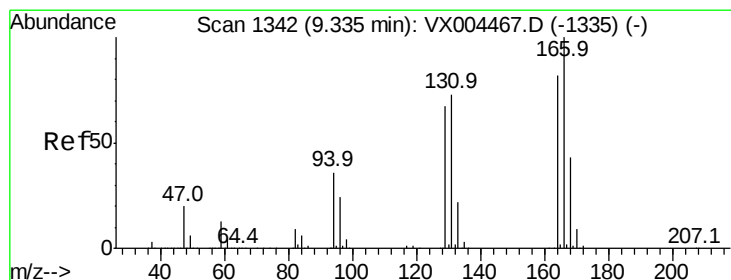
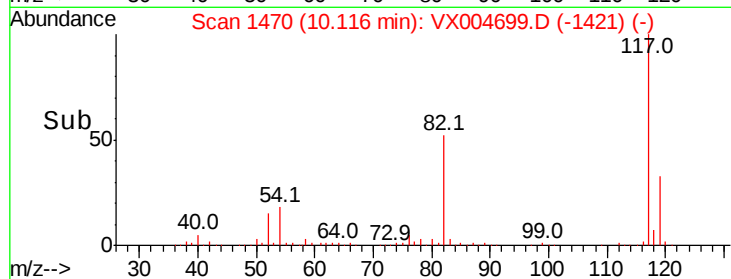
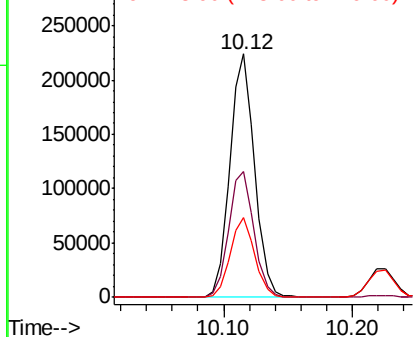
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :

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

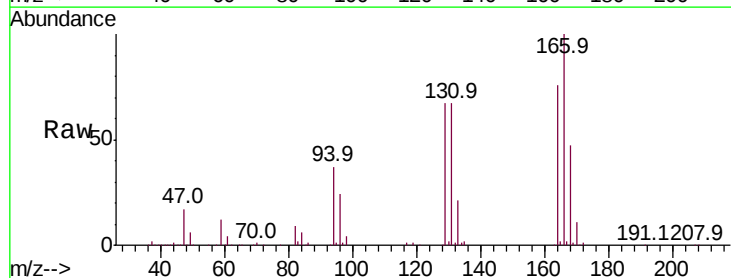


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

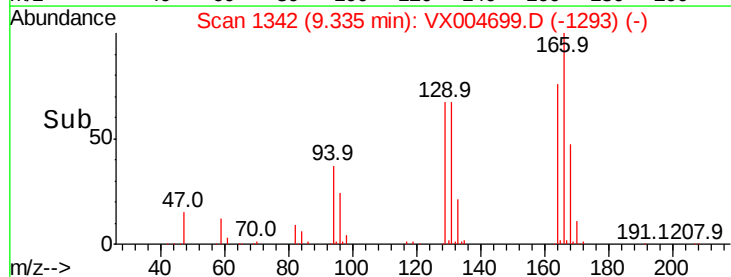
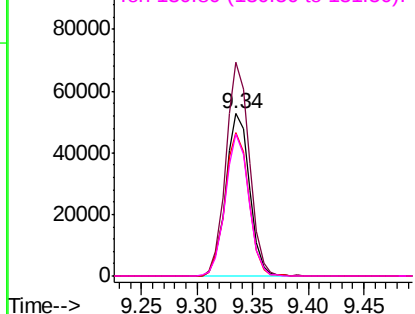


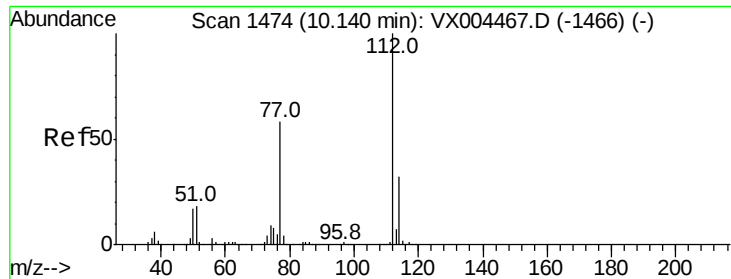
#64
Tetrachloroethene
Concen: 20.700 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

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

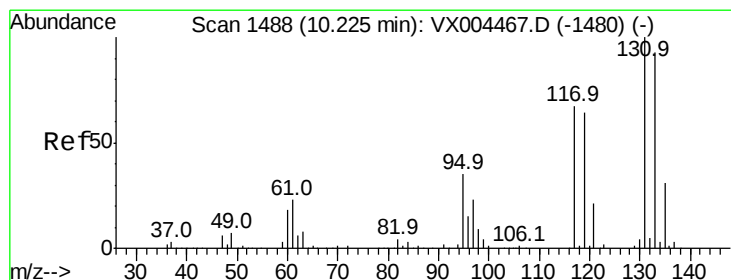
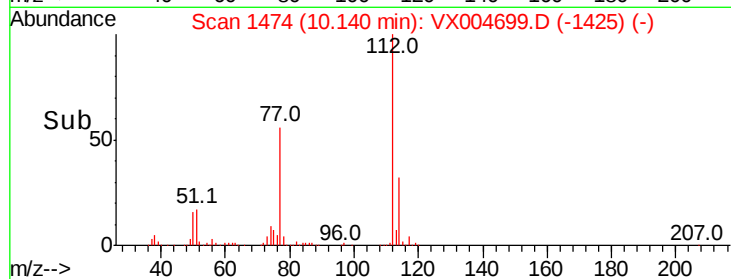
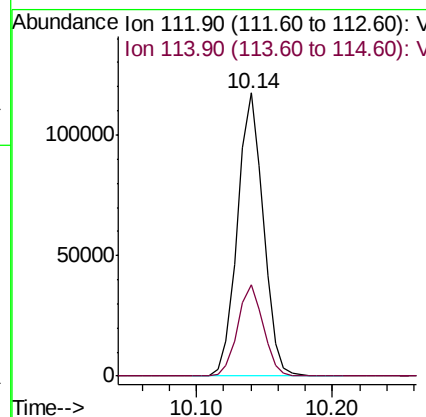
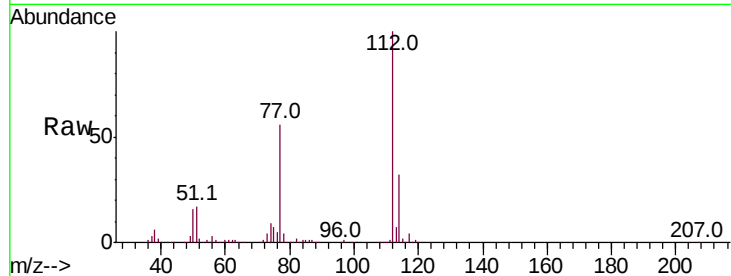




#65
Chlorobenzene
Concen: 20.833 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

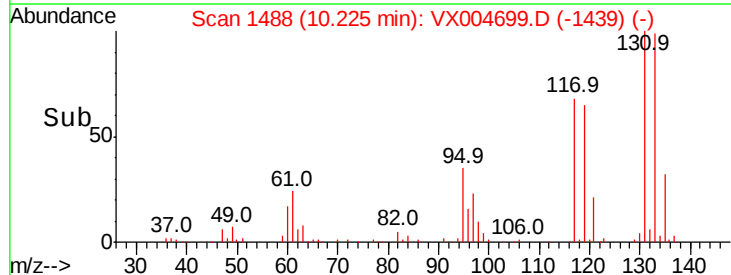
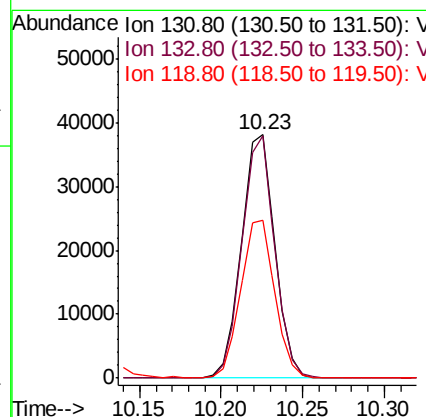
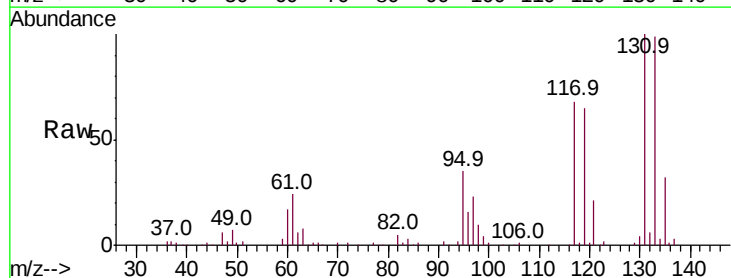
Instrument :
MSVOA_X
ClientSampleId :

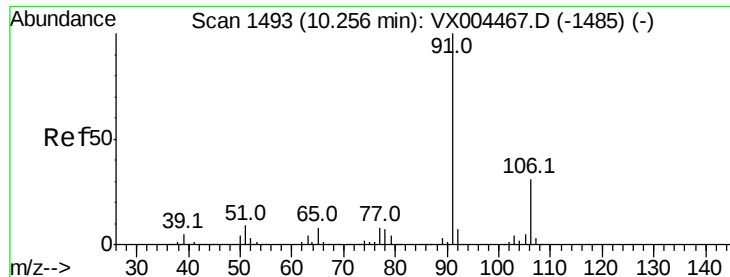
Tot Ion:112 Resp: 155366
Ion Ratio Lower Upper
112 100
114 32.2 27.8 41.8



#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

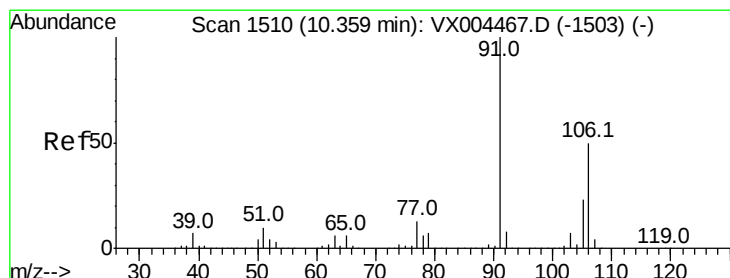
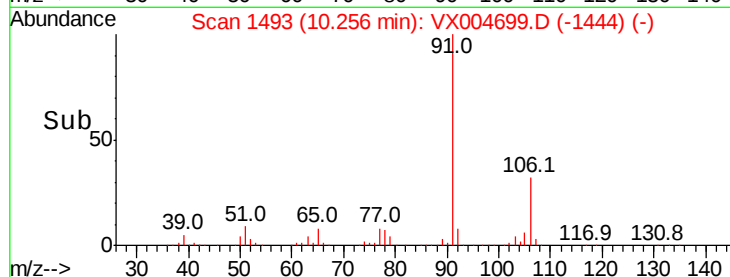
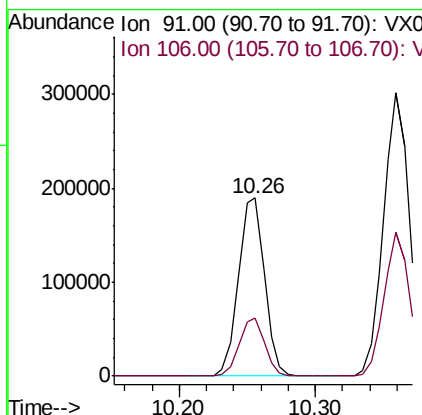
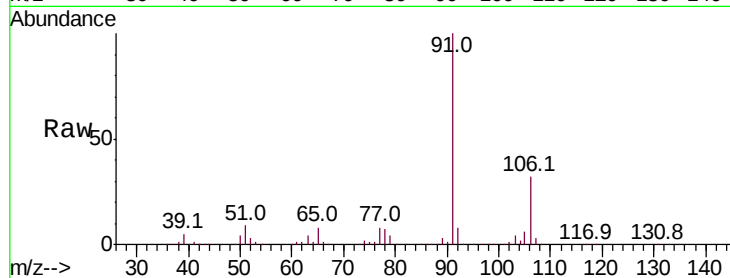




#67
Ethyl Benzene
Concen: 20.955 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

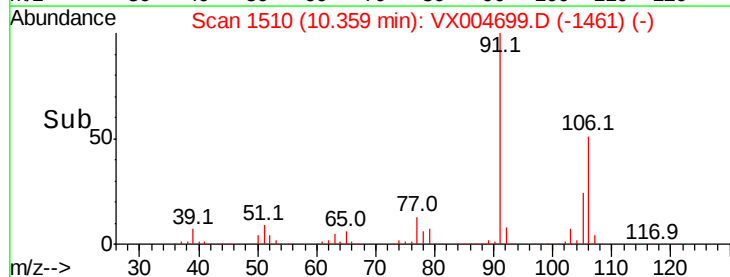
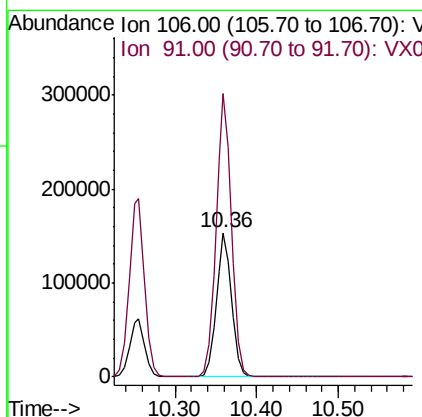
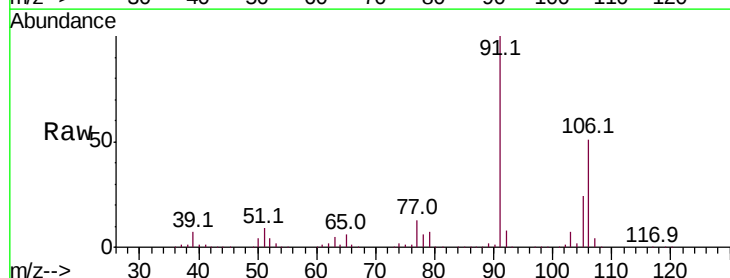
Instrument :
MSVOA_X
ClientSampleId :

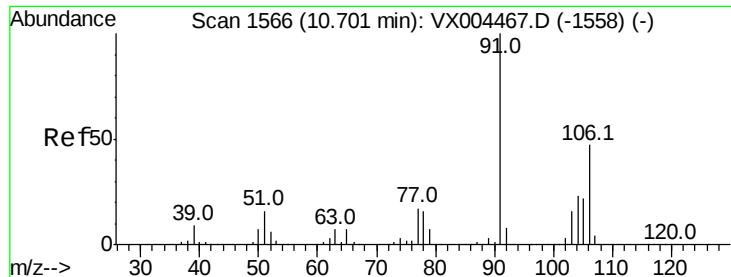
Tot Ion: 91 Resp: 254102
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



#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

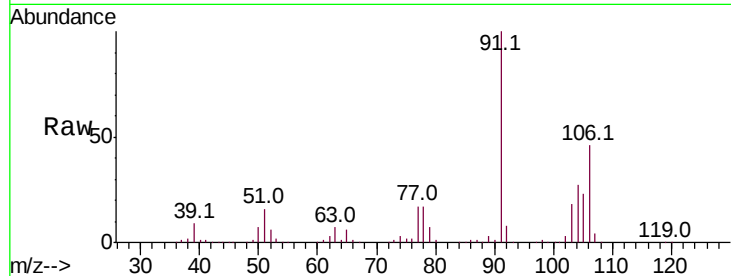




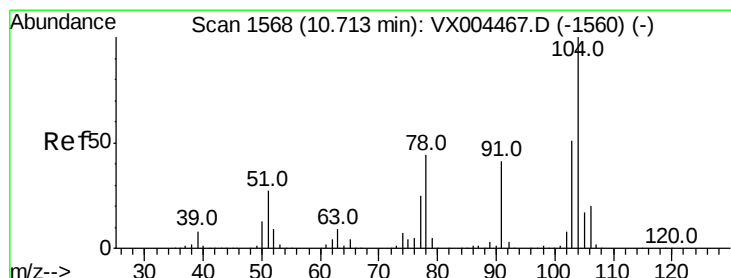
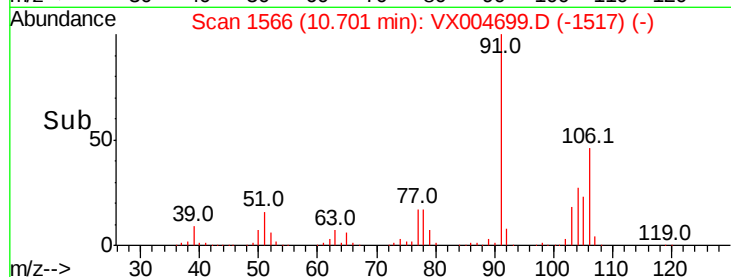
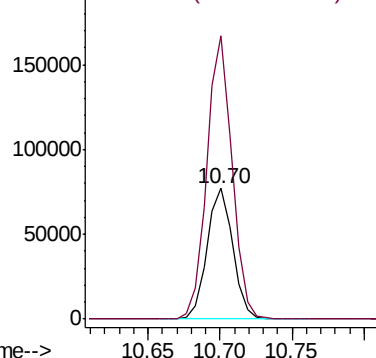
#69
o-Xylene
Concen: 21.467 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :

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

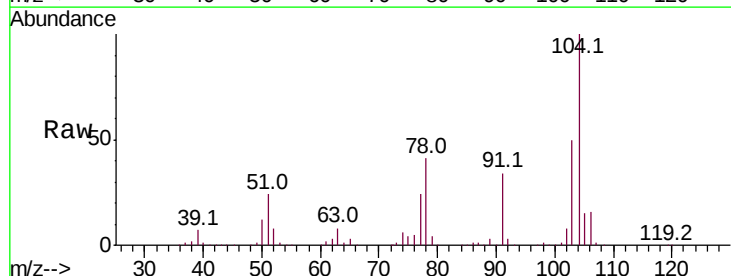


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

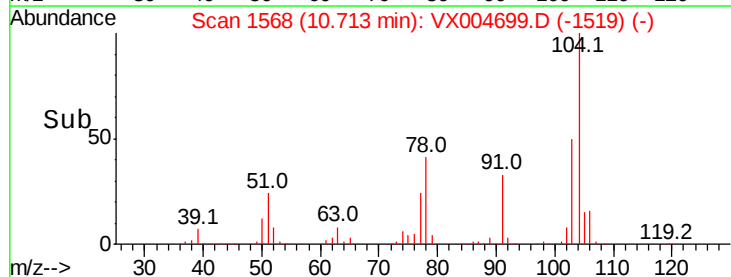
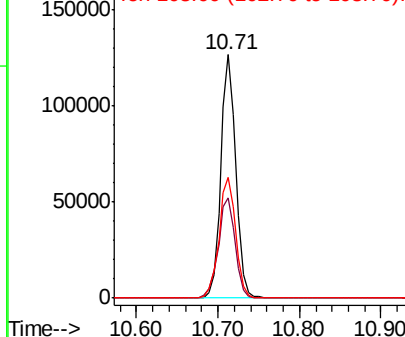


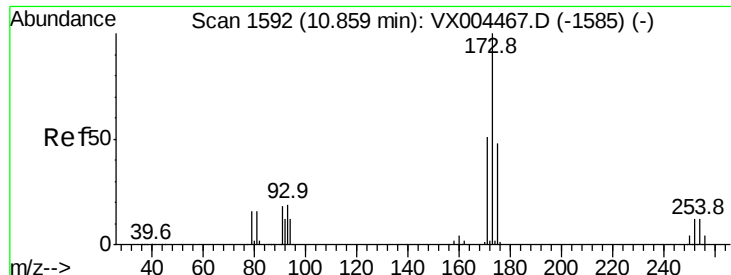
#70
Styrene
Concen: 21.879 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

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



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#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 :

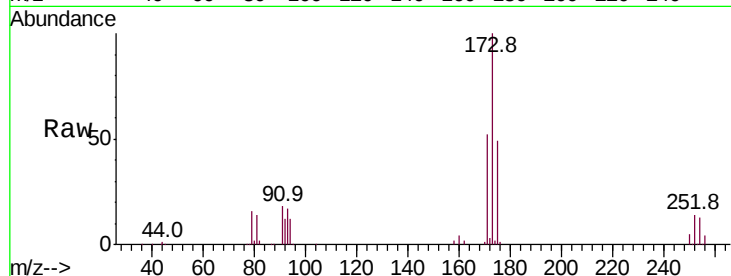
Tot Ion:173 Resp: 43713

Ion Ratio Lower Upper

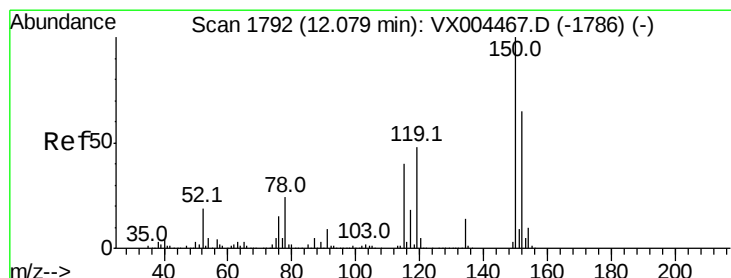
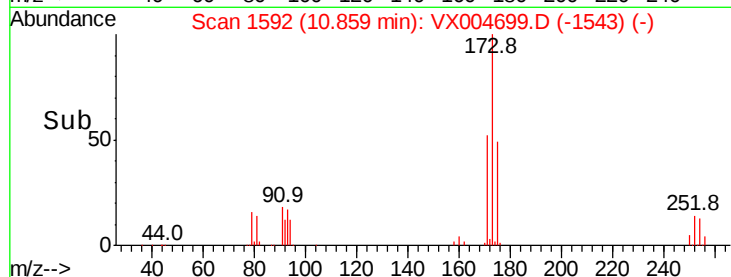
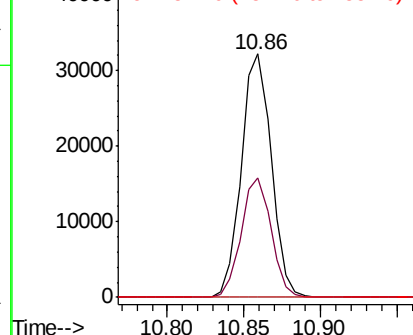
173 100

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

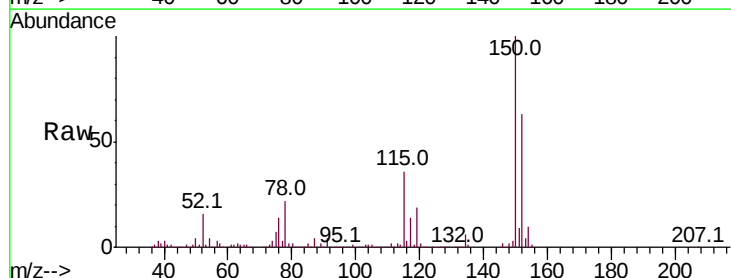
Tgt Ion:152 Resp: 181939

Ion Ratio Lower Upper

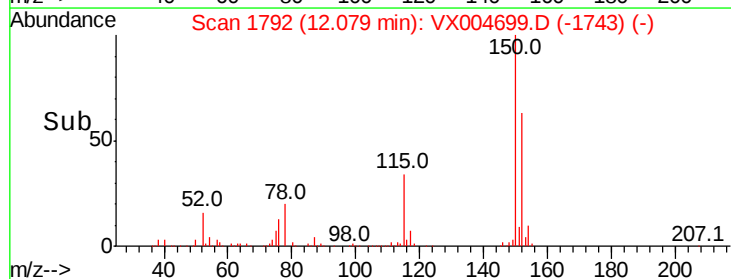
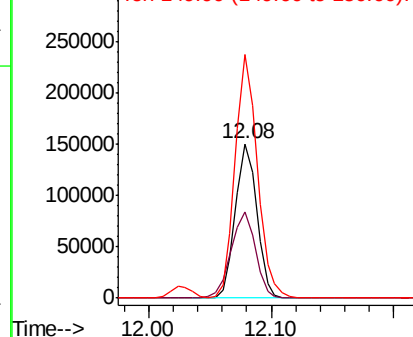
152 100

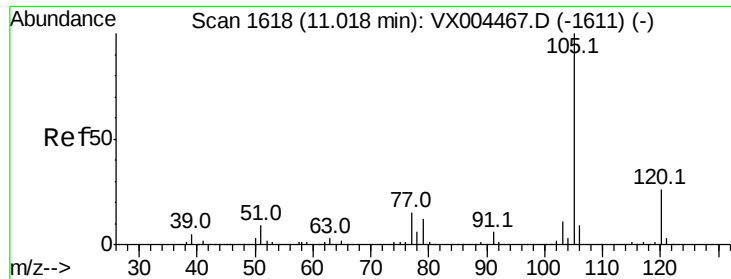
115 63.8 39.0 117.0

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

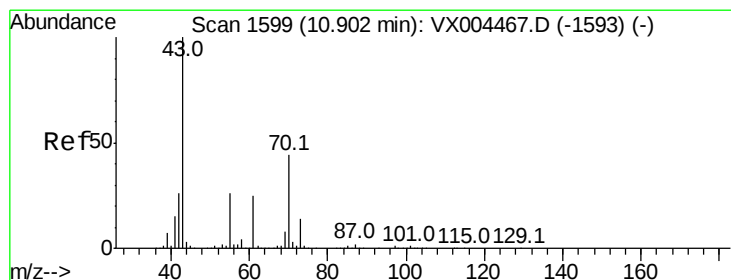
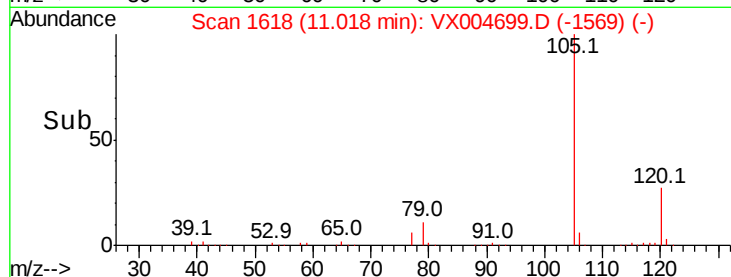
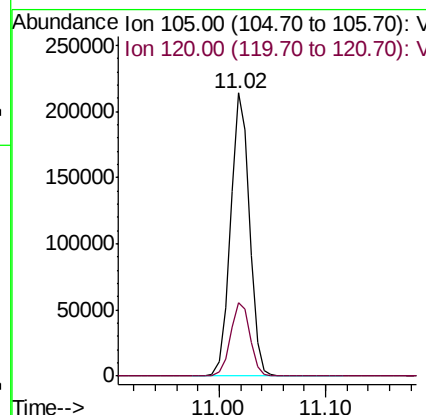
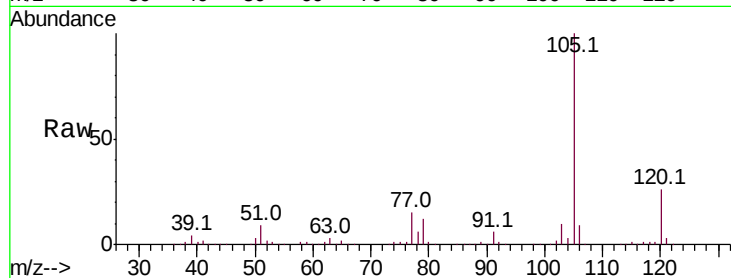




#73
Isopropylbenzene
Concen: 22.238 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

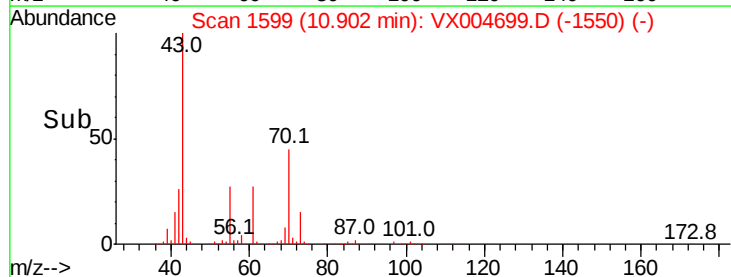
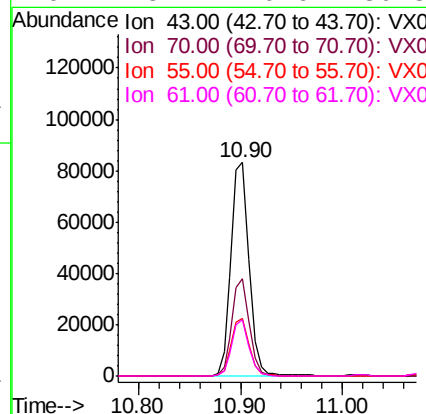
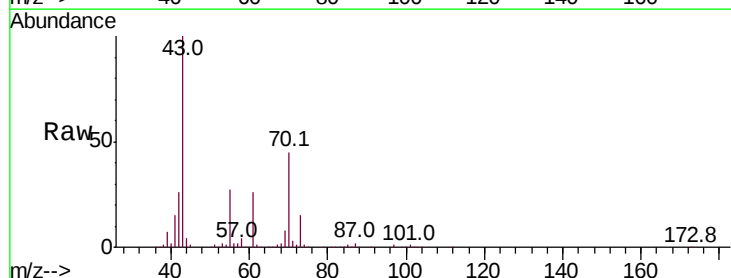
Instrument :
MSVOA_X
ClientSampleId :

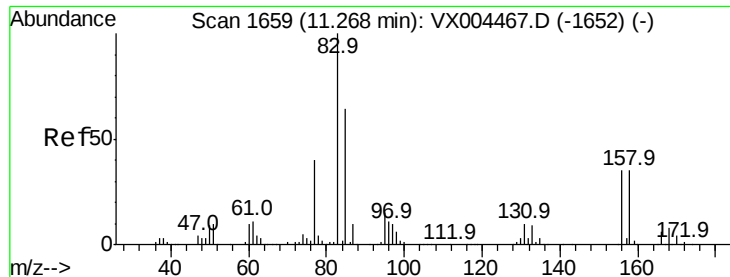
Tot Ion:105 Resp: 266457
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#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

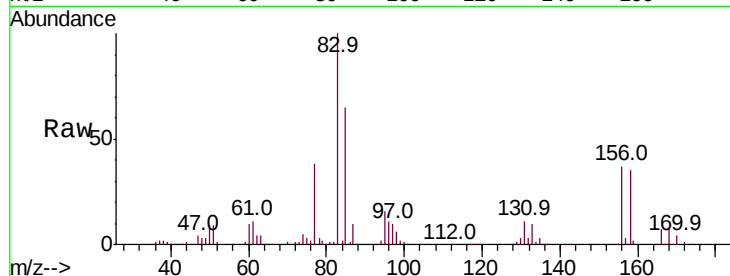
Instrument :

MSVOA_X

ClientSampleId :

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

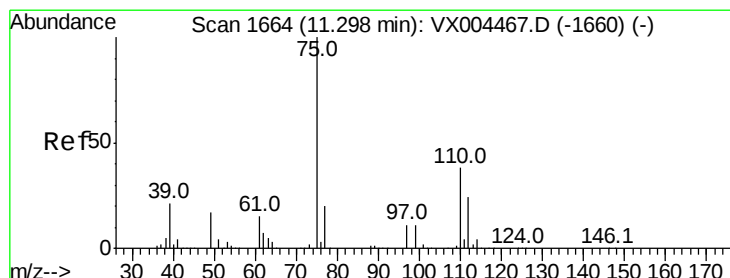
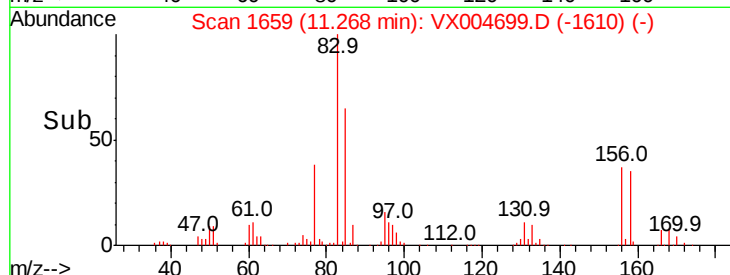
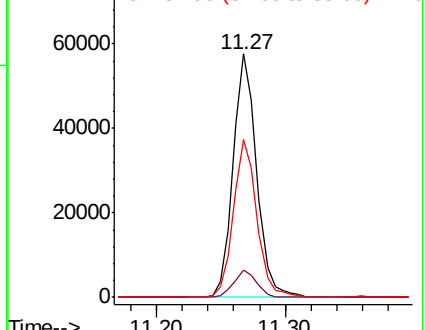


Abundance

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

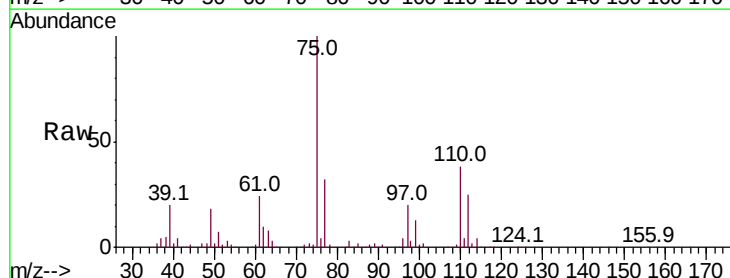
Delta R.T. -0.00 min

Lab File: VX004699.D

Acq: 19 Sep 2018 12:19

Tgt Ion: 75 Resp: 95642

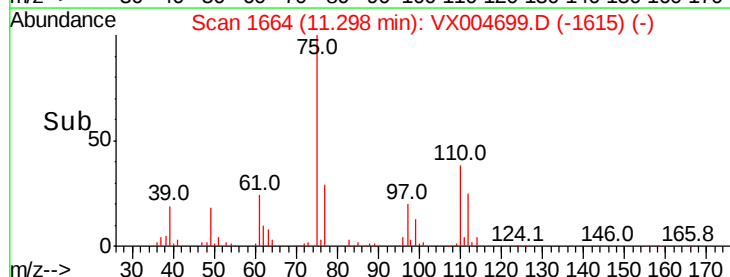
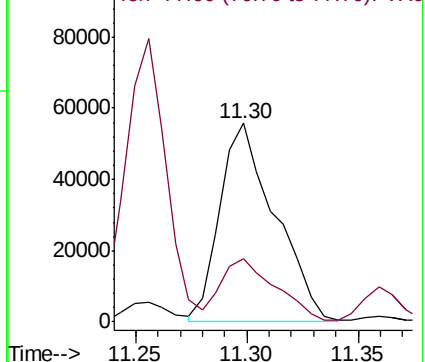
Ion	Ratio	Lower	Upper
75	100		
77	31.9	20.2	60.6

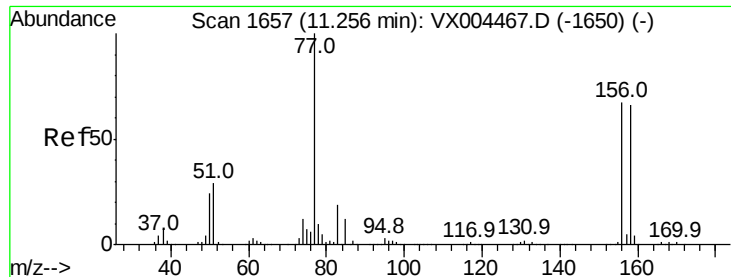


Abundance

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 :

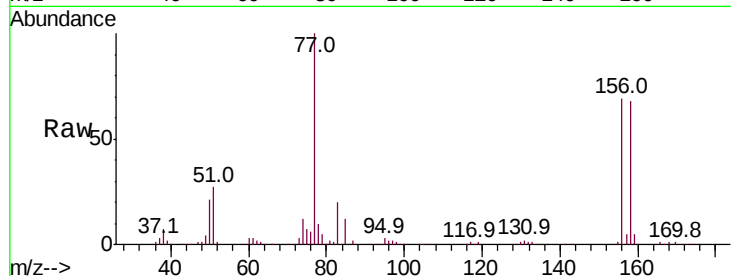
Tot Ion:156 Resp: 71357

Ion Ratio Lower Upper

156 100

77 142.1 71.5 214.3

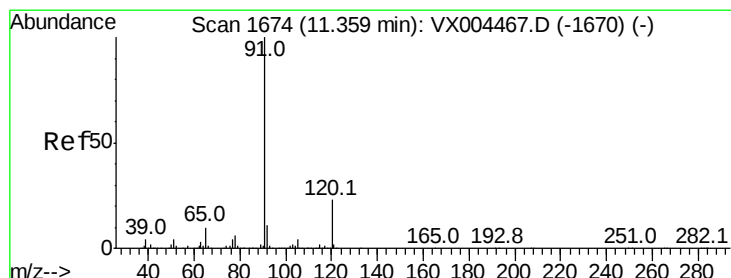
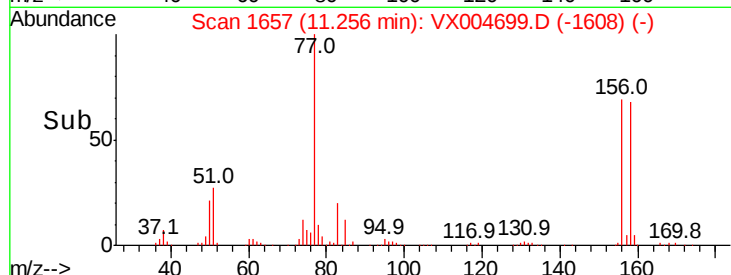
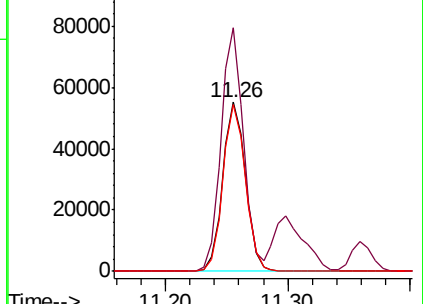
158 97.2 48.9 146.8



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

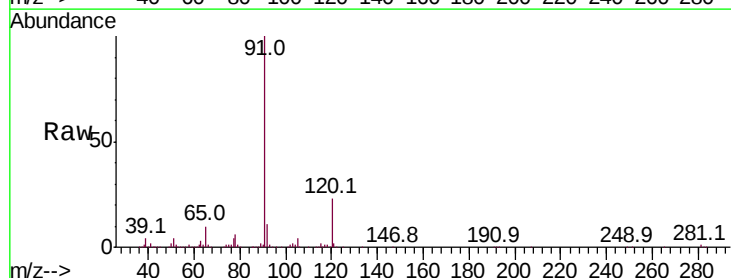
Acq: 19 Sep 2018 12:19

Tgt Ion: 91 Resp: 298379

Ion Ratio Lower Upper

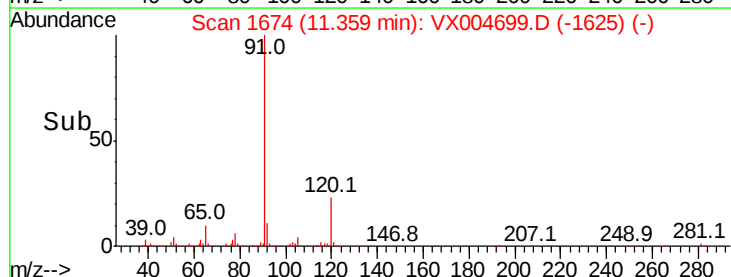
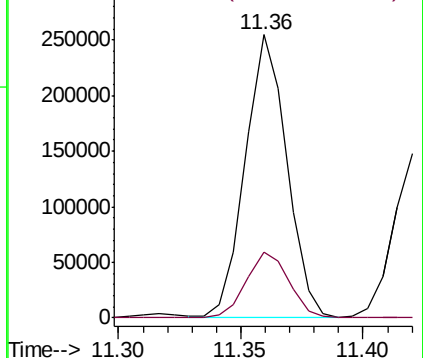
91 100

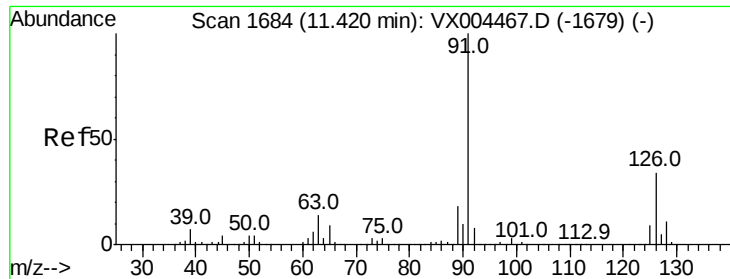
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

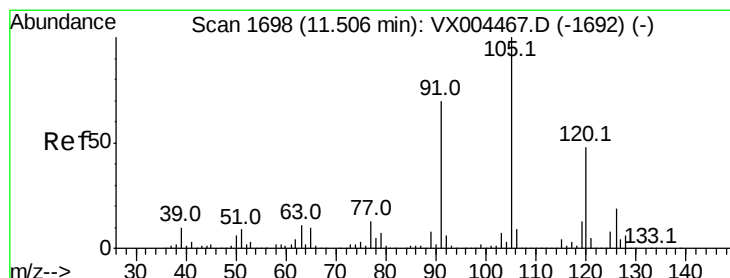
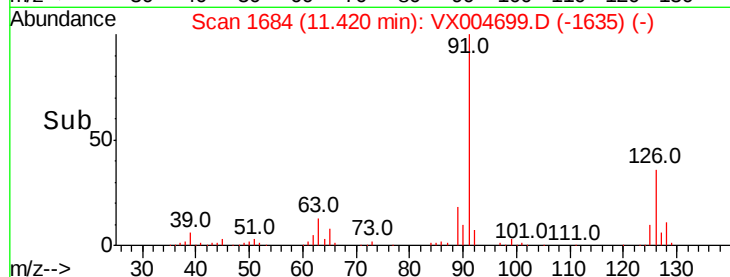
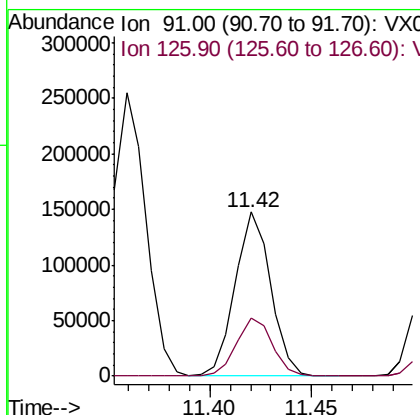
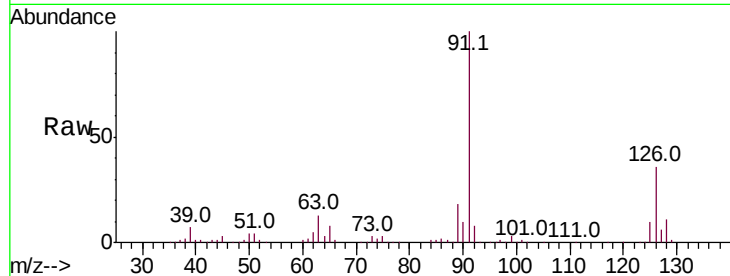




#79
 2-Chlorotoluene
 Concen: 21.218 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

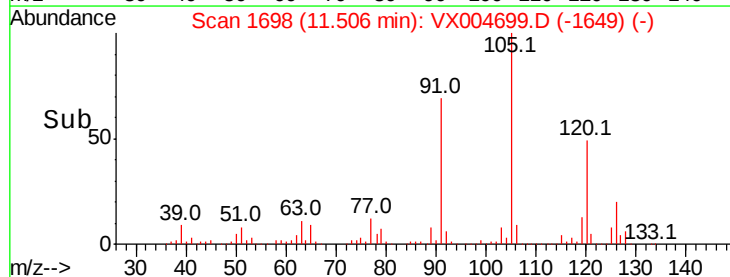
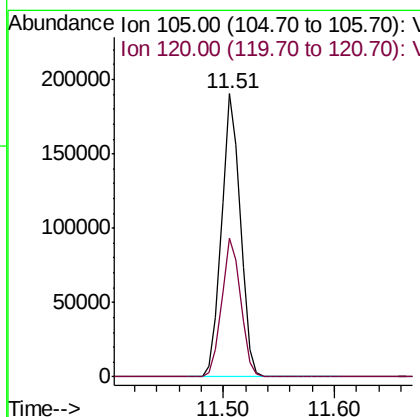
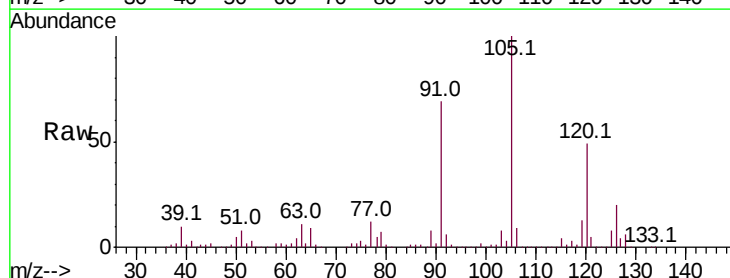
Instrument :
 MSVOA_X
 ClientSampled :

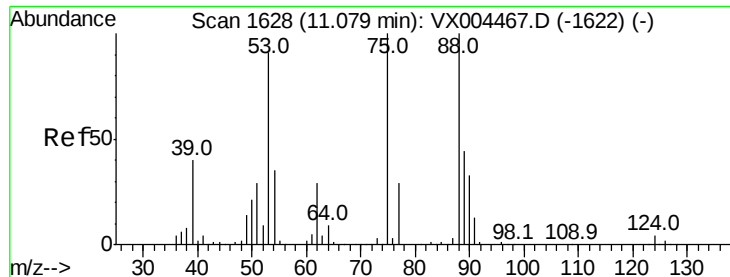
Tot Ion: 91 Resp: 177295
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.7



#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 :

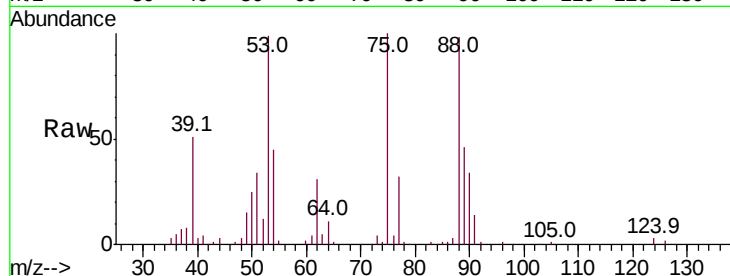
Tot Ion: 75 Resp: 23788

Ion Ratio Lower Upper

75 100

53 96.8 80.1 120.1

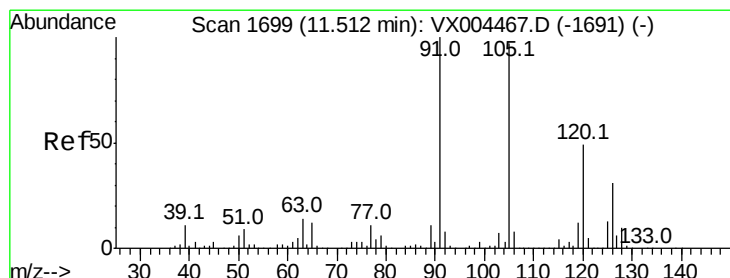
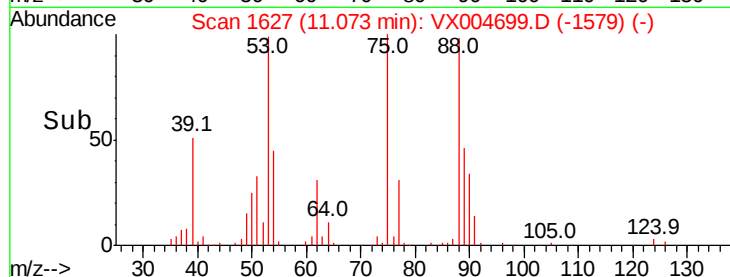
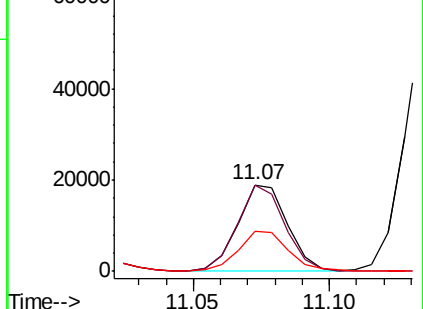
89 47.6 37.2 55.8



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

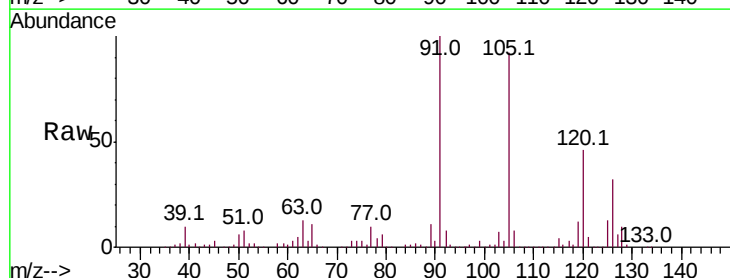
Acq: 19 Sep 2018 12:19

Tgt Ion: 91 Resp: 206936

Ion Ratio Lower Upper

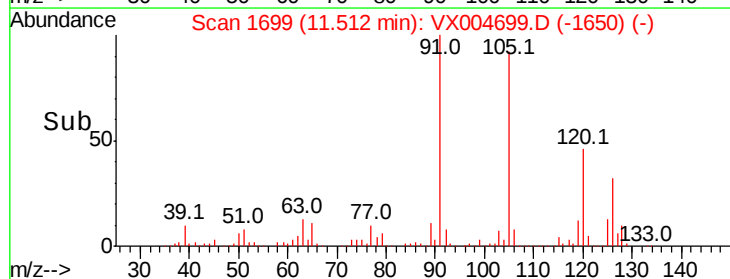
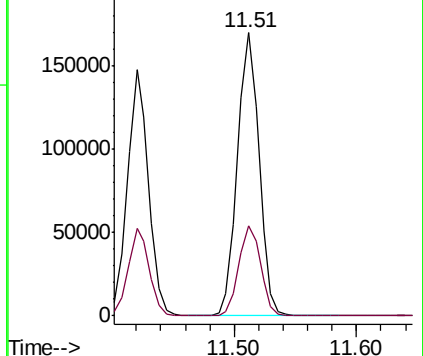
91 100

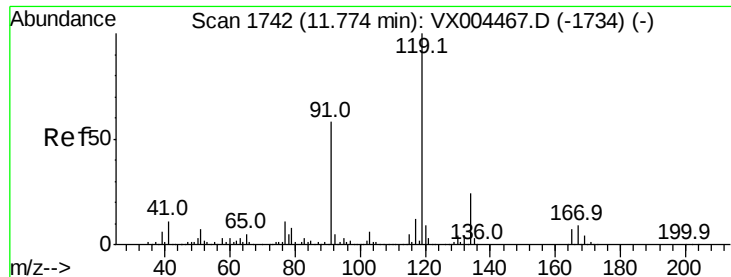
126 32.2 15.5 46.5



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

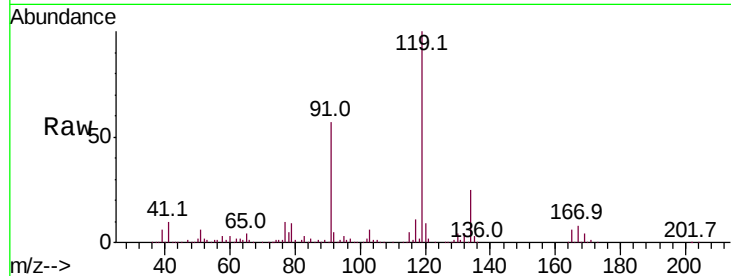
Acq: 19 Sep 2018 12:19

Instrument :

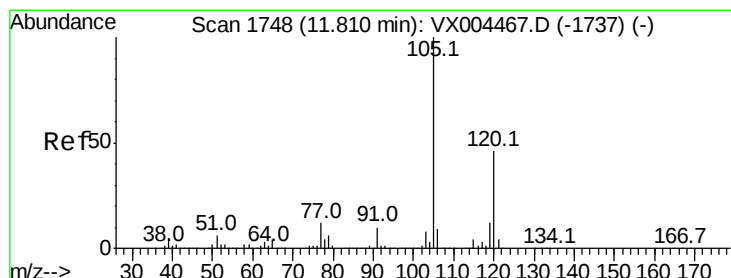
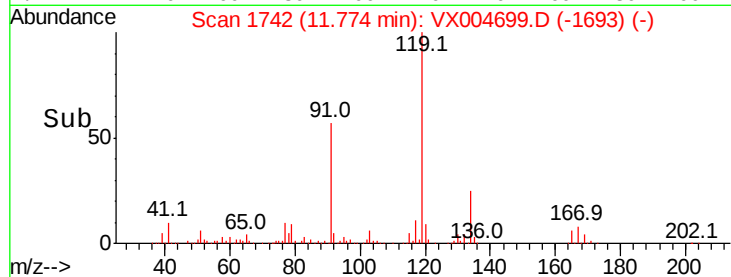
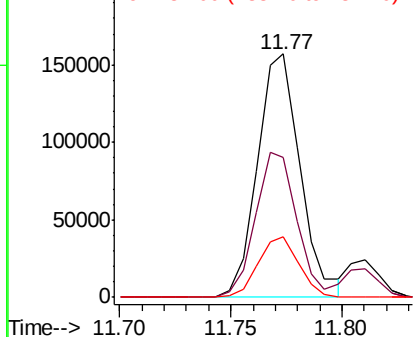
MSVOA_X

ClientSampleId :

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): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.280 ug/l

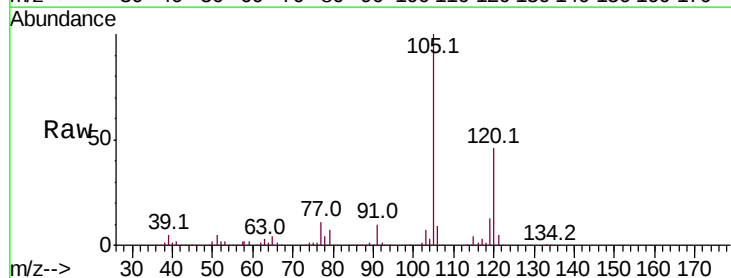
RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

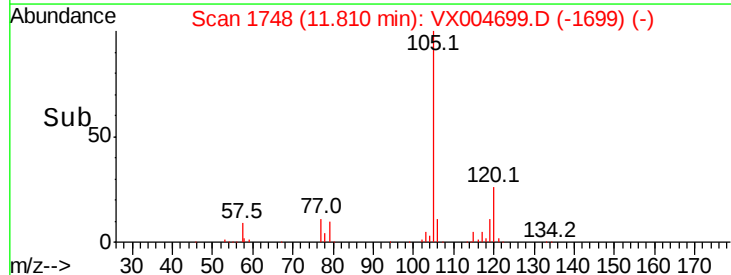
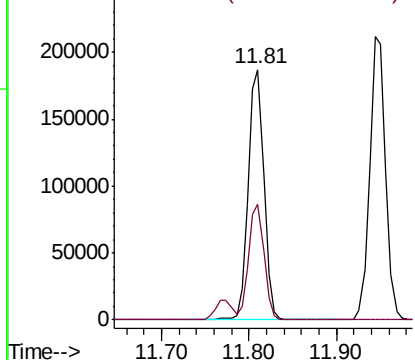
Lab File: VX004699.D

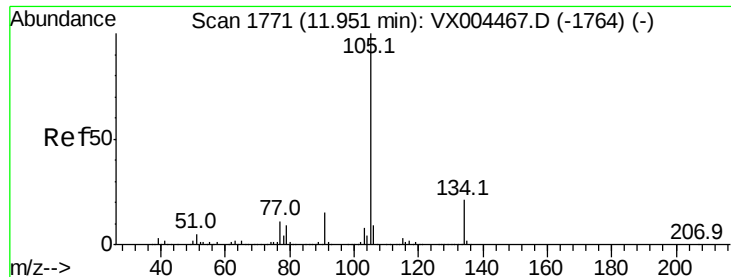
Acq: 19 Sep 2018 12:19

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

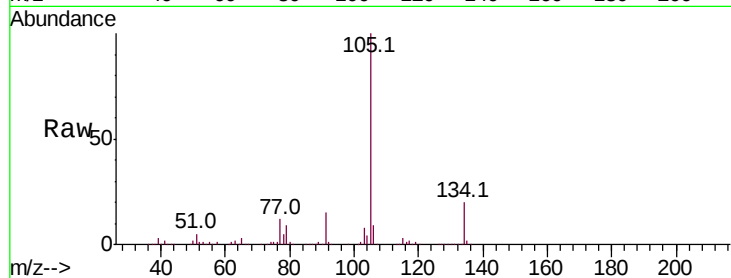
ClientSampled :

Tot Ion:105 Resp: 268923

Ion Ratio Lower Upper

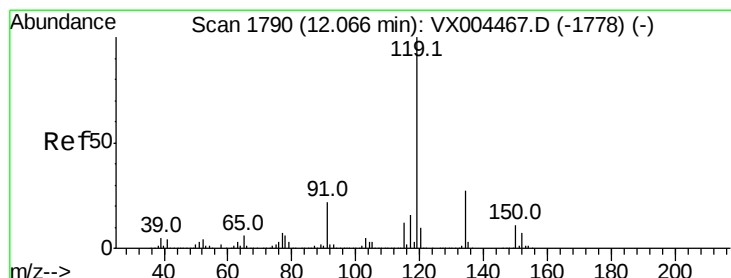
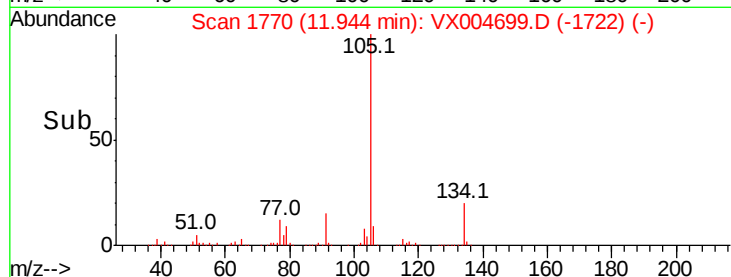
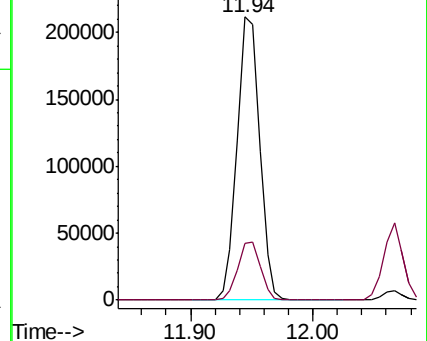
105 100

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



#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

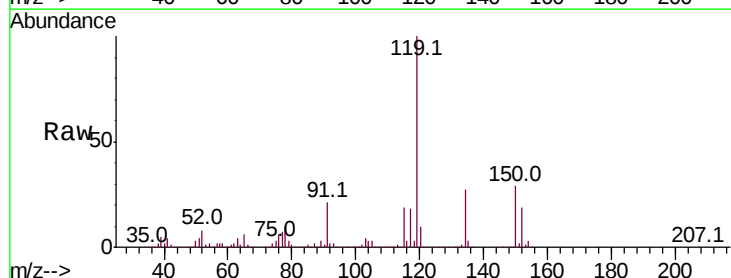
Tgt Ion:119 Resp: 241953

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

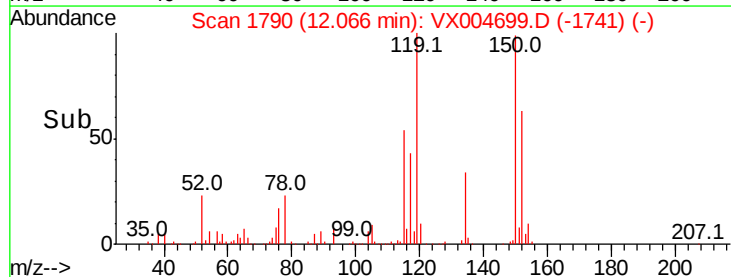
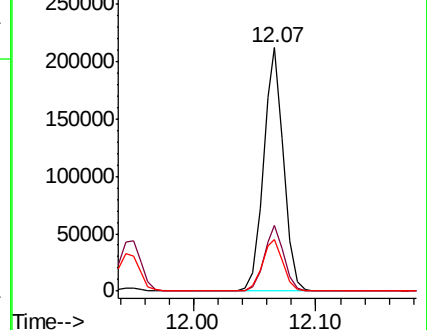
91 21.8 10.9 32.7

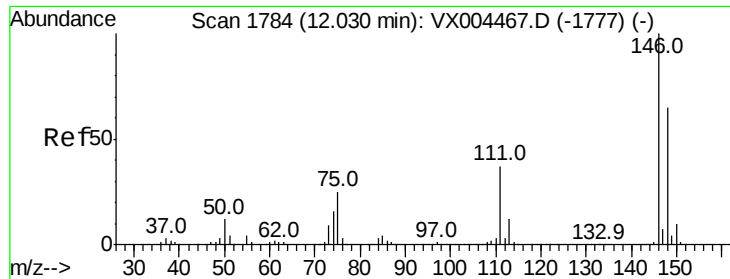


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

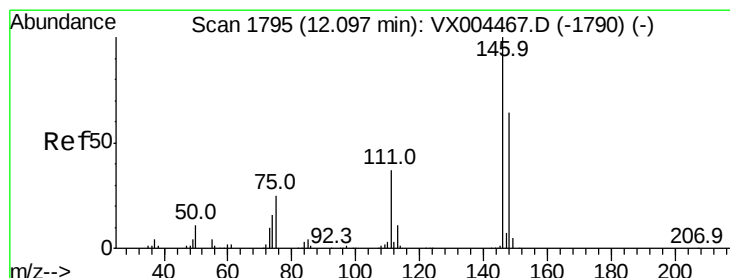
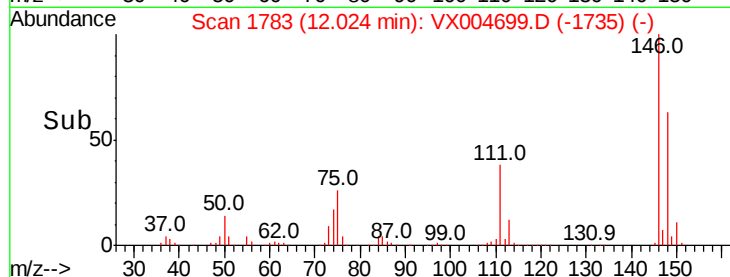
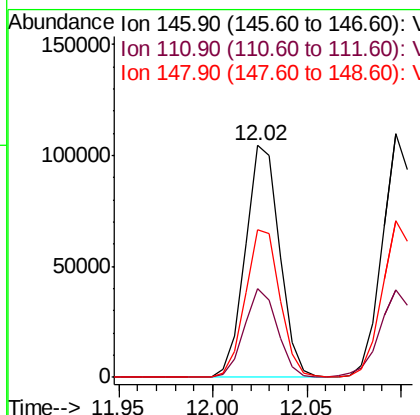
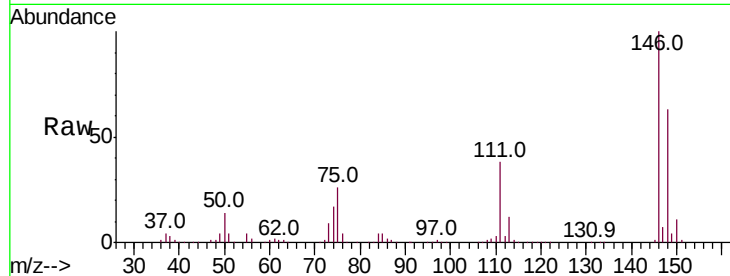




#87
 1,3-Dichlorobenzene
 Concen: 21.372 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

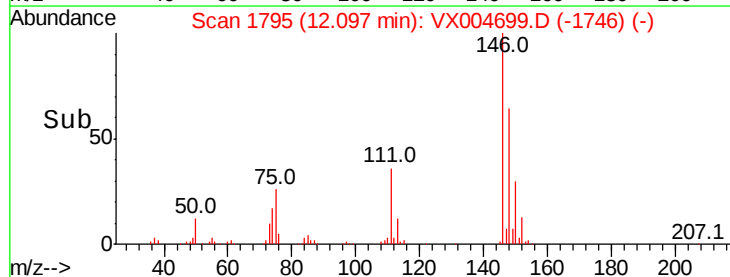
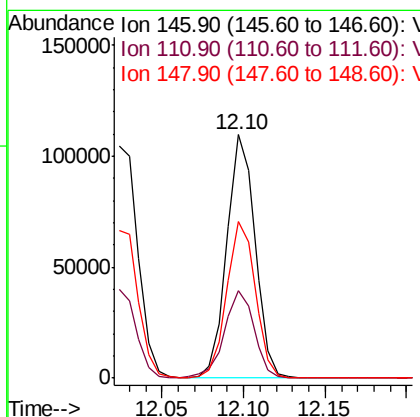
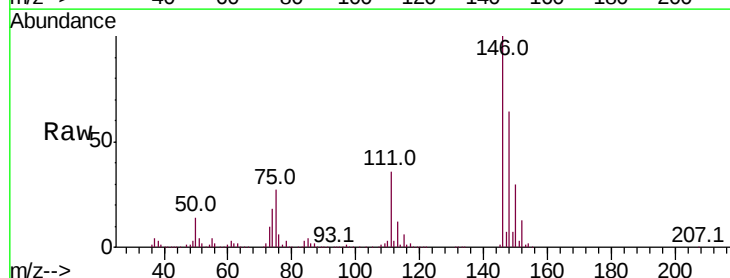
Instrument :
 MSVOA_X
 ClientSampled :

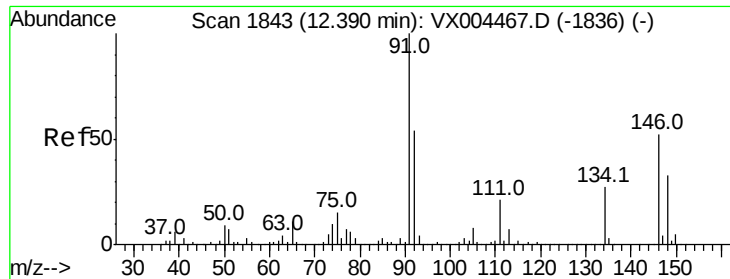
Tot Ion:146 Resp: 132066
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 64.1 32.1 96.5



#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

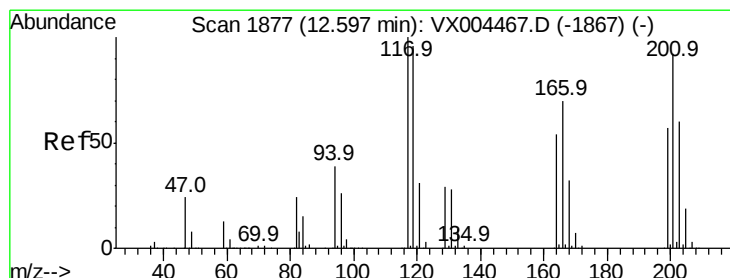
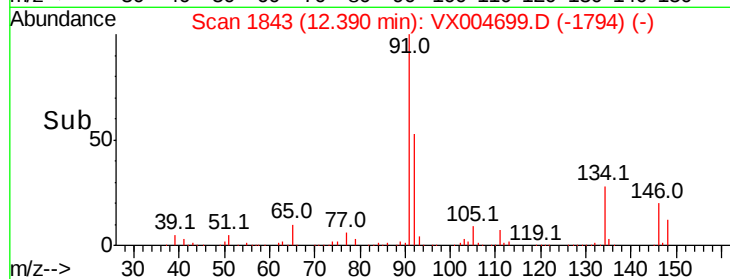
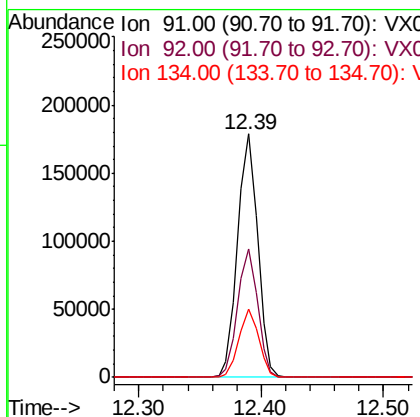
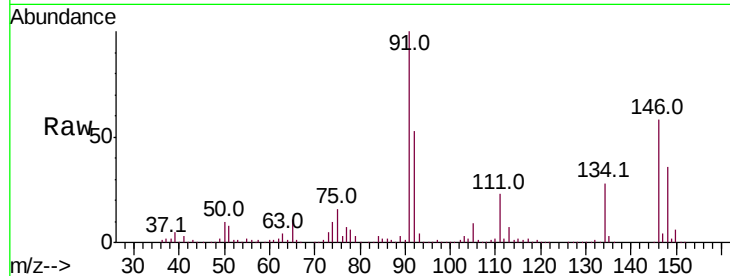




#89
n-Butylbenzene
Concen: 20.659 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004699.D
Acq: 19 Sep 2018 12:19

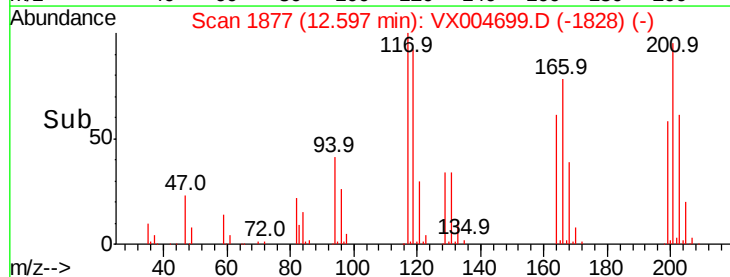
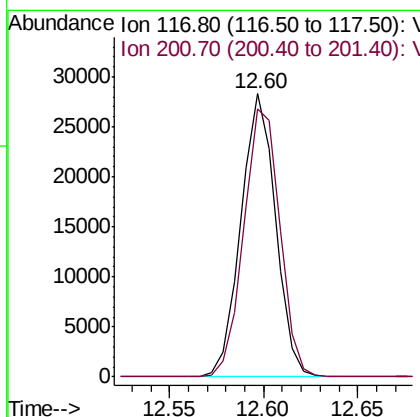
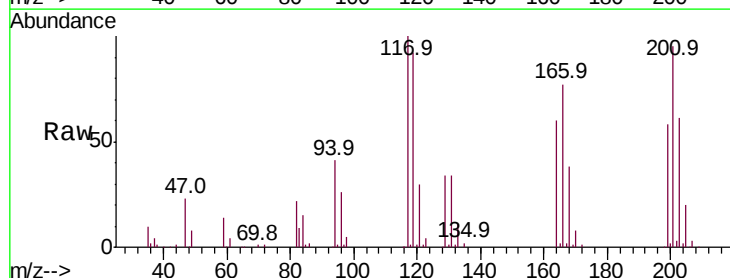
Instrument :
MSVOA_X
ClientSampleId :

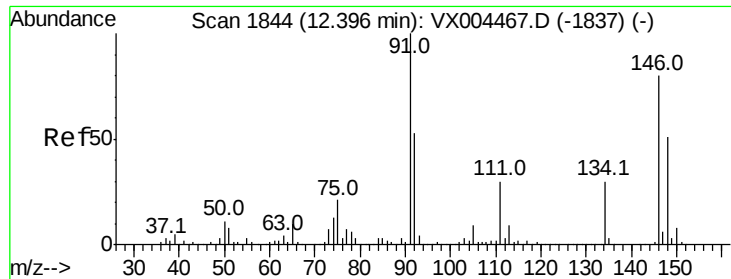
Tot Ion: 91 Resp: 203164
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 27.6 13.6 40.7



#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

ClientSampleId :

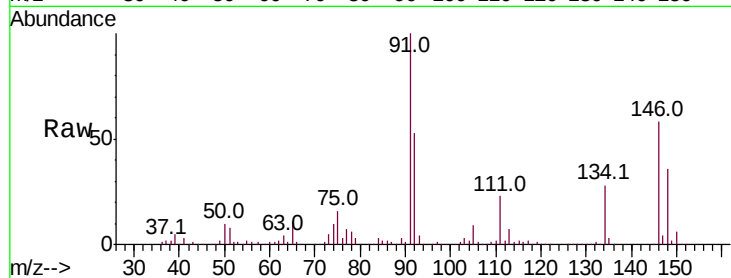
Tot Ion:146 Resp: 133179

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

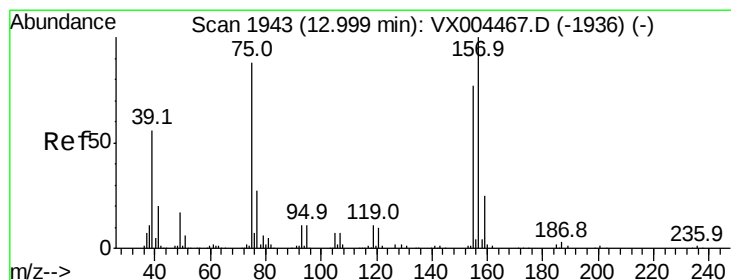
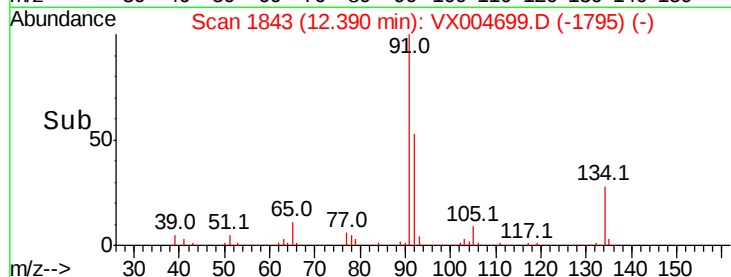
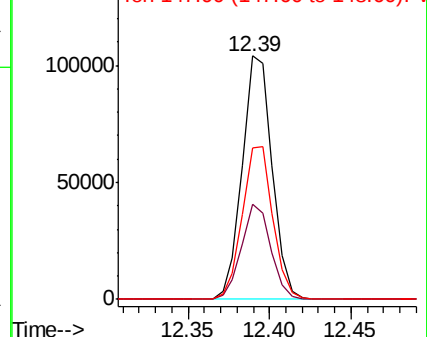
148 64.0 32.8 98.3



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

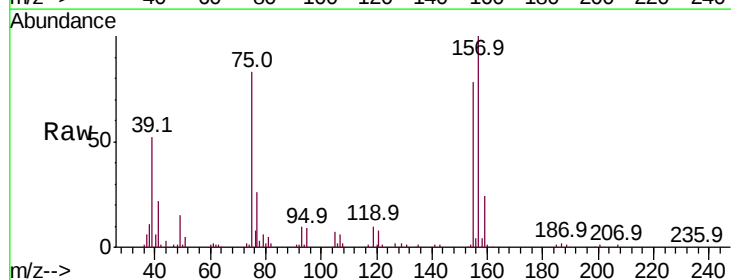
Tgt Ion: 75 Resp: 16952

Ion Ratio Lower Upper

75 100

155 100.6 48.0 144.2

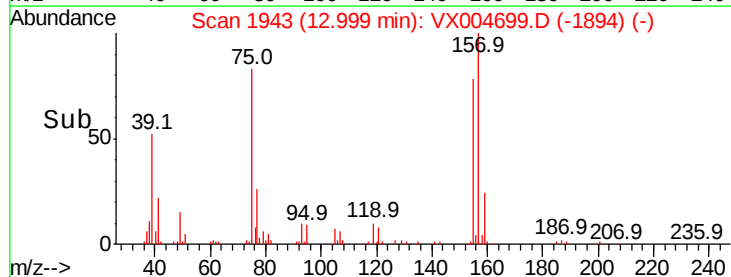
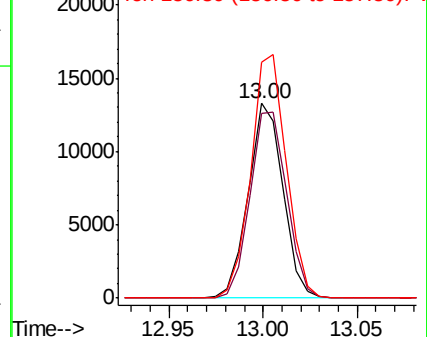
157 127.9 61.4 184.1

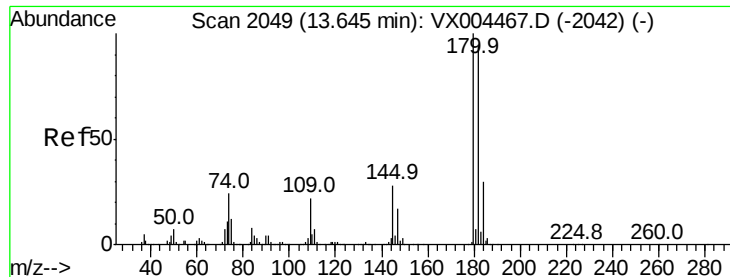


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

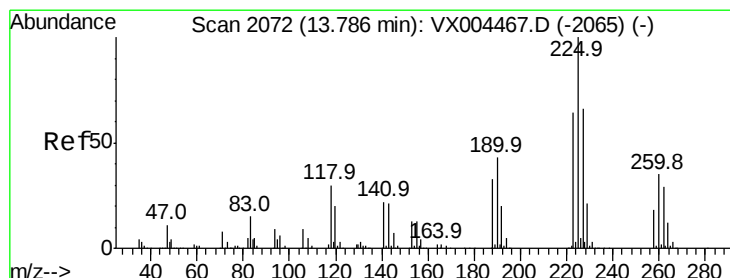
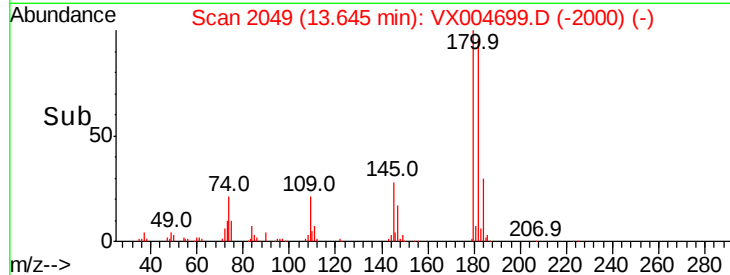
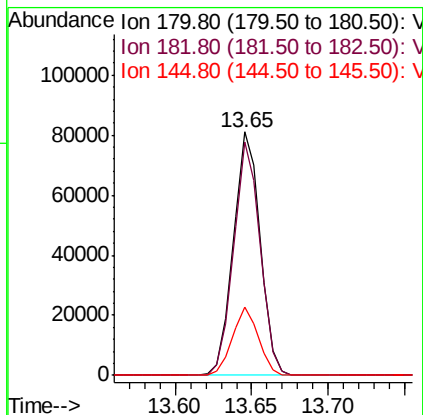
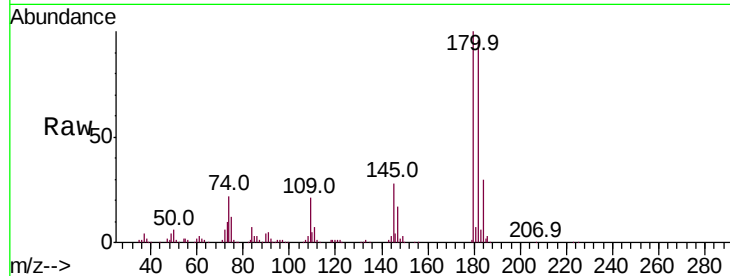




#93
 1,2,4-Trichlorobenzene
 Concen: 22.183 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004699.D
 Acq: 19 Sep 2018 12:19

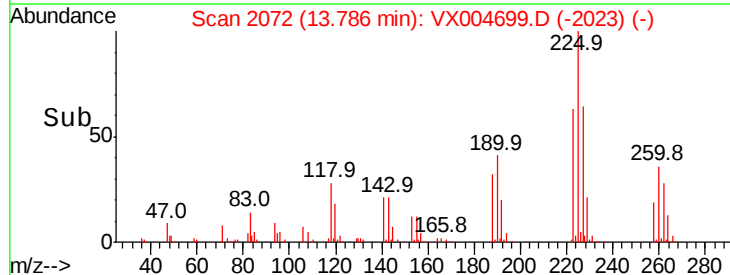
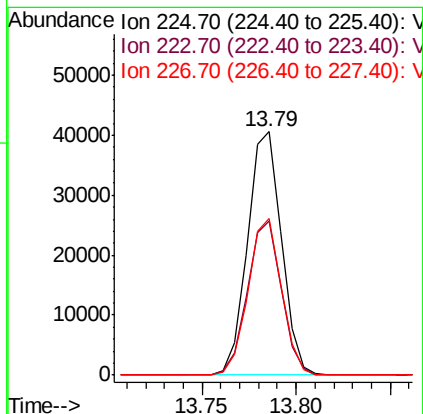
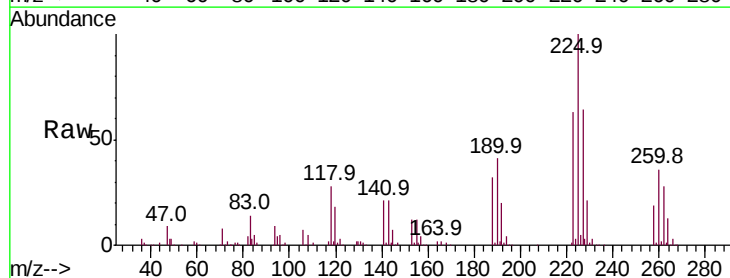
Instrument :
 MSVOA_X
 ClientSampled :

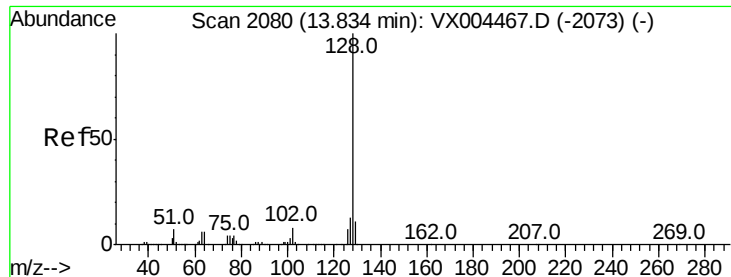
Tot Ion:180 Resp: 98238
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.0
 145 27.4 14.3 42.9



#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 :

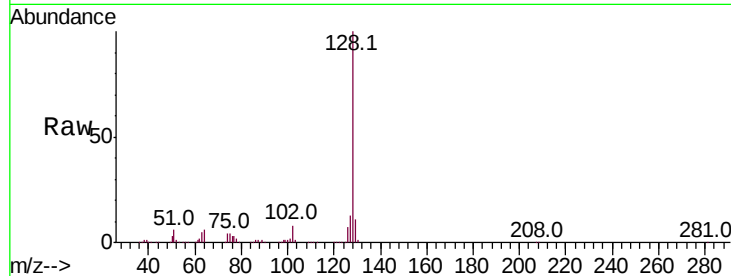
Tot Ion:128 Resp: 275651

Ion Ratio Lower Upper

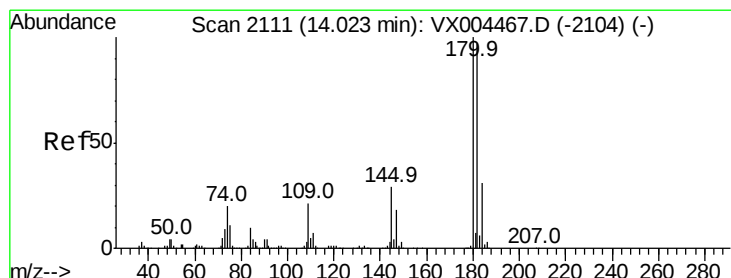
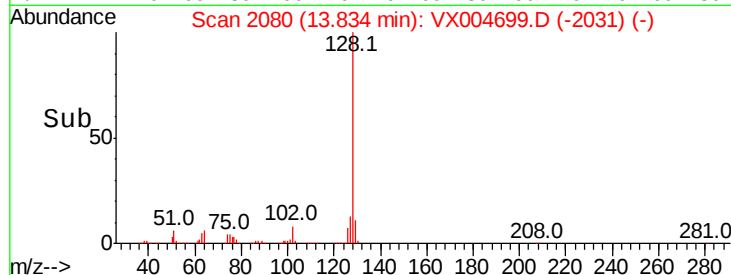
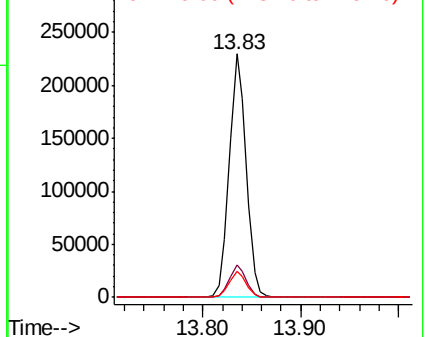
128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 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

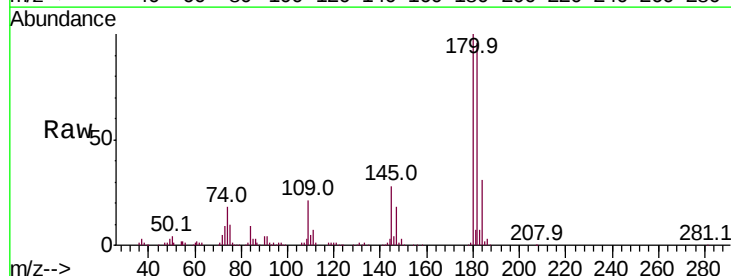
Tgt Ion:180 Resp: 100689

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.6

145 28.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

