

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004619.D
 Acq On : 16 Sep 2018 07:32
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 08:48:31 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	5.67	168	244359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160877	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.50	113	145074	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.72	98	446434	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.14	95	163647	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	109515	47.82	ug/l	95
3) Chloromethane	1.32	50	155743	49.41	ug/l	99
4) Vinyl Chloride	1.40	62	159972	49.45	ug/l	99
5) Bromomethane	1.64	94	65934	48.65	ug/l	97
6) Chloroethane	1.71	64	110339	52.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	191721	44.71	ug/l	86
8) Diethyl Ether	2.19	74	103880	54.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119468	43.92	ug/l	98
10) Methyl Iodide	2.51	142	137333	42.89	ug/l	96
11) Tert butyl alcohol	3.07	59	189593	252.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126402	49.51	ug/l	91
13) Acrolein	2.29	56	92201	310.67	ug/l	99
14) Allyl chloride	2.73	41	251219	47.86	ug/l	93
15) Acrylonitrile	3.15	53	468794	258.93	ug/l	96
16) Acetone	2.45	43	357733	232.62	ug/l	95
17) Carbon Disulfide	2.57	76	363523	49.26	ug/l	98
18) Methyl Acetate	2.78	43	221371	51.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	465843	52.00	ug/l	95
20) Methylene Chloride	2.85	84	157823	50.03	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	148893	52.77	ug/l	88
22) Diisopropyl ether	3.87	45	529598	56.02	ug/l	95
23) Vinyl Acetate	3.82	43	2091675	273.40	ug/l	95
24) 1,1-Dichloroethane	3.69	63	276190	51.74	ug/l	97
25) 2-Butanone	4.70	43	575998	235.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	113371	30.92	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	168891	53.62	ug/l	94
28) Bromochloromethane	5.02	49	133080	54.51	ug/l	99
29) Tetrahydrofuran	5.15	42	383848	260.07	ug/l	97
30) Chloroform	5.22	83	271496	52.10	ug/l	90
31) Cyclohexane	5.57	56	215267	47.23	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	211905	50.49	ug/l	99
36) 1,1-Dichloropropene	5.79	75	184618	46.68	ug/l	98
37) Ethyl Acetate	4.85	43	227279	50.53	ug/l	98
38) Carbon Tetrachloride	5.78	117	179626	46.50	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178307	43.20	ug/l	96
40) Benzene	6.14	78	600299	51.16	ug/l	96
41) Methacrylonitrile	5.06	41	122387	49.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201782	51.85	ug/l	99
43) Isopropyl Acetate	6.46	43	315279	52.77	ug/l	99
44) Trichloroethene	7.21	130	142294	46.68	ug/l	96
45) 1,2-Dichloropropane	7.52	63	138425	49.03	ug/l	98
46) Dibromomethane	7.66	93	88015	49.34	ug/l	99
47) Bromodichloromethane	7.90	83	166506	49.36	ug/l	100
48) Methyl methacrylate	7.77	41	149697	50.63	ug/l	97
49) 1,4-Dioxane	7.76	88	71101	1016.04	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	950138	225.36	ug/l	98
52) Toluene	8.79	92	315891	45.69	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	203686	51.69	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	191045	47.56	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	160778	54.01	ug/l	90
56) Ethyl methacrylate	9.18	69	249952	59.35	ug/l	98
57) 1,3-Dichloropropane	9.37	76	263087	54.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	511865	238.90	ug/l	96
59) 2-Hexanone	9.49	43	788711	243.89	ug/l	96
60) Dibromochloromethane	9.59	129	144173	51.44	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141356	49.71	ug/l	98
64) Tetrachloroethene	9.34	164	184810	51.04	ug/l	94
65) Chlorobenzene	10.14	112	357707	49.65	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	130341	52.46	ug/l	100
67) Ethyl Benzene	10.26	91	584184	49.87	ug/l	99
68) m/p-Xylenes	10.36	106	457669	101.42	ug/l	98
69) o-Xylene	10.70	106	227573	52.46	ug/l	100
70) Styrene	10.71	104	386412	53.76	ug/l	99
71) Bromoform	10.86	173	108160	53.02	ug/l	98
73) Isopropylbenzene	11.02	105	586598	42.37	ug/l	100
74) N-amyl acetate	10.90	43	263748	45.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	192644	43.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218711	51.72	ug/l	87
77) Bromobenzene	11.26	156	166456	43.50	ug/l	99
78) n-propylbenzene	11.36	91	660777	41.51	ug/l	100
79) 2-Chlorotoluene	11.42	91	406975	42.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	541340	46.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49955	37.65	ug/l	95
82) 4-Chlorotoluene	11.51	91	505821	44.89	ug/l	98
83) tert-Butylbenzene	11.77	119	592308	53.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	614244	51.70	ug/l	99
85) sec-Butylbenzene	11.94	105	734794	52.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	625360	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	350213	49.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	358624	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	532539	46.87	ug/l	95
90) Hexachloroethane	12.60	117	92474	46.33	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	344966	47.74	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53203	55.80	ug/l	100

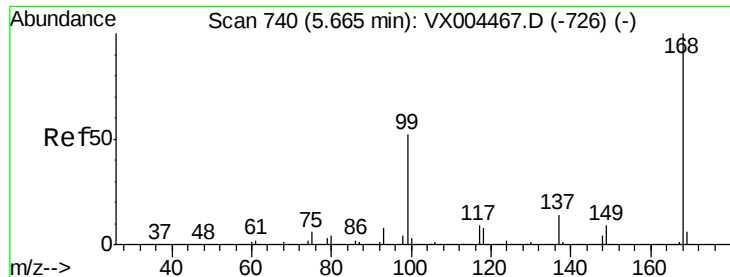
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284748	55.66	ug/l	98
94) Hexachlorobutadiene	13.79	225	122284	45.76	ug/l	95
95) Naphthalene	13.83	128	909501	63.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284830	54.19	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

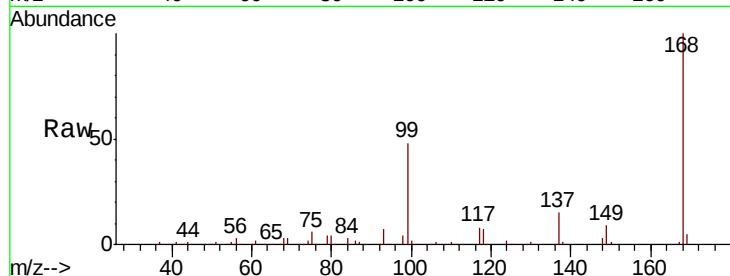
VSTDCCC050EC

Tot Ion:168 Resp: 244359

Ion Ratio Lower Upper

168 100

99 47.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

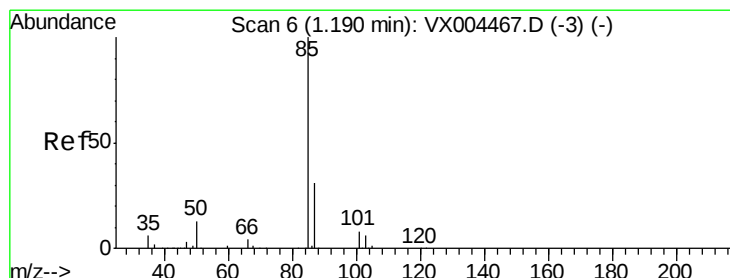
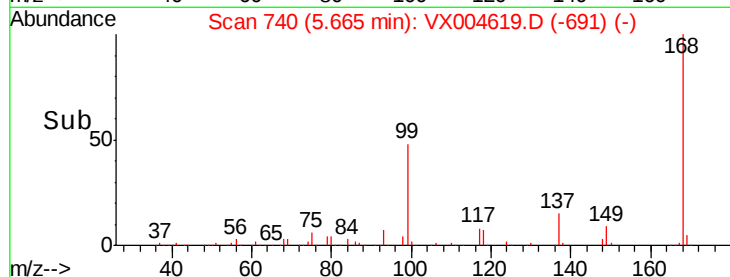
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.82 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004619.D

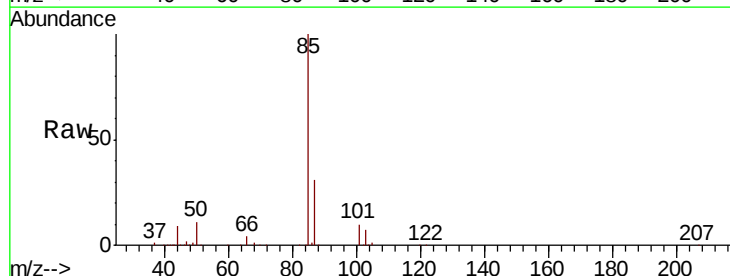
Acq: 16 Sep 2018 07:32

Tgt Ion: 85 Resp: 109515

Ion Ratio Lower Upper

85 100

87 30.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

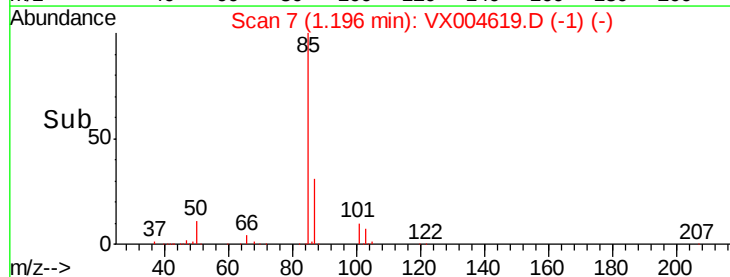
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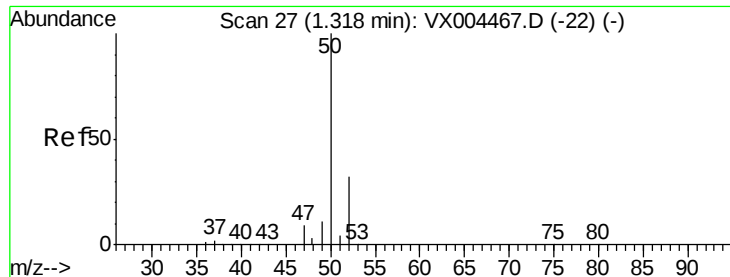
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.41 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

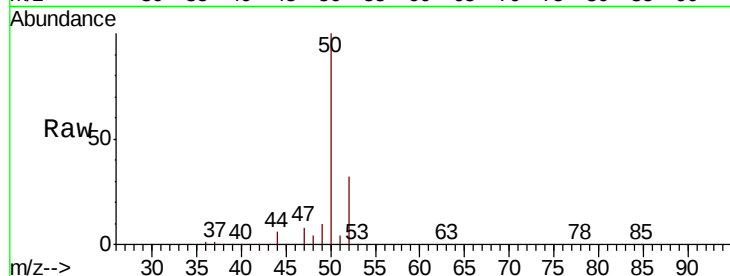
VSTDCCC050EC

Tot Ion: 50 Resp: 155743

Ion Ratio Lower Upper

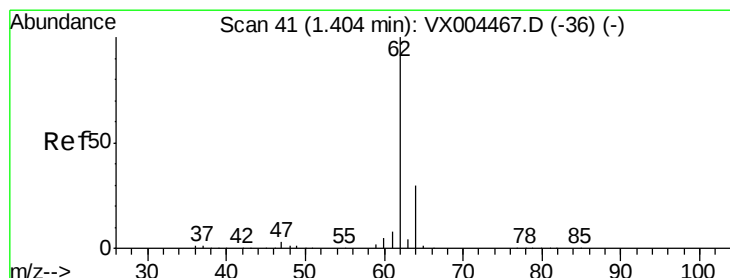
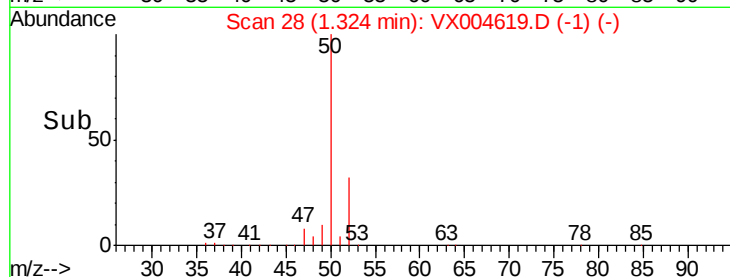
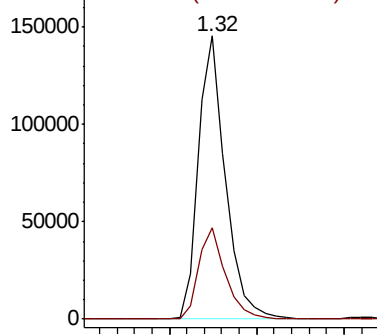
50 100

52 32.4 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: 49.45 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004619.D

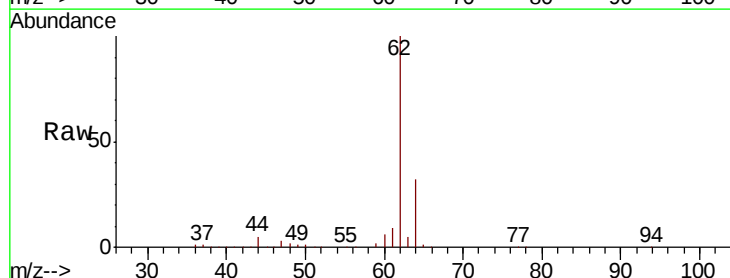
Acq: 16 Sep 2018 07:32

Tgt Ion: 62 Resp: 159972

Ion Ratio Lower Upper

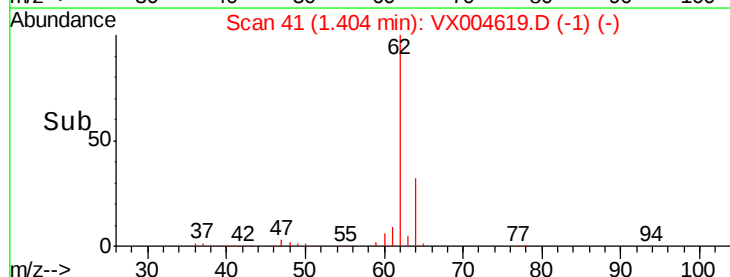
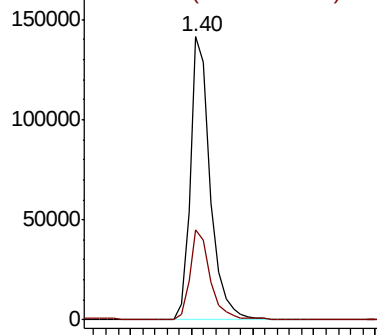
62 100

64 31.7 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: 48.65 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

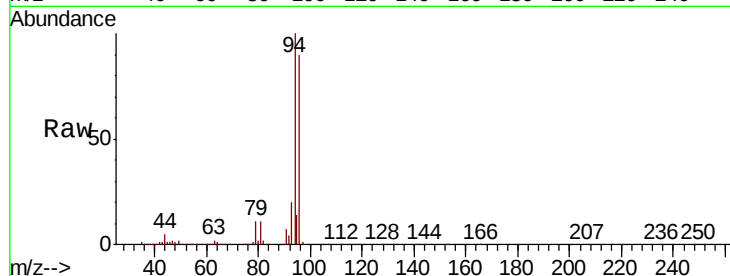
VSTDCCC050EC

Tot Ion: 94 Resp: 65934

Ion Ratio Lower Upper

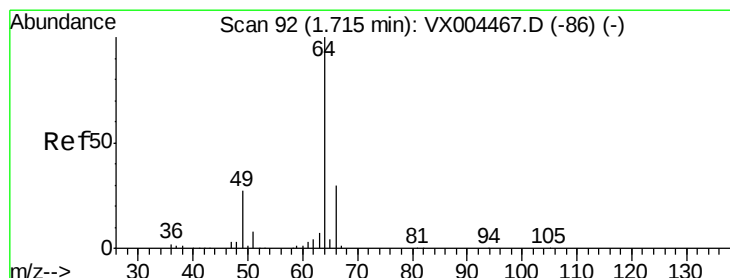
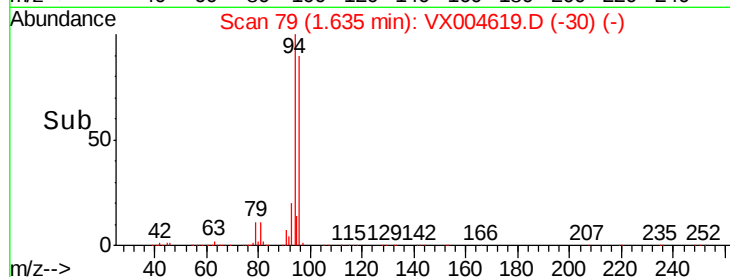
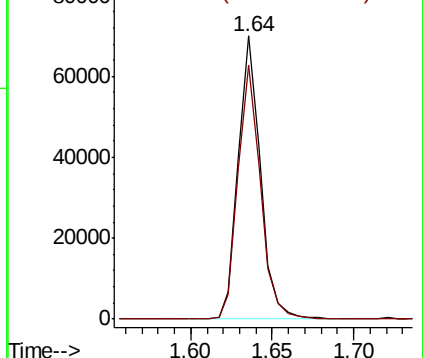
94 100

96 89.9 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: 52.75 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004619.D

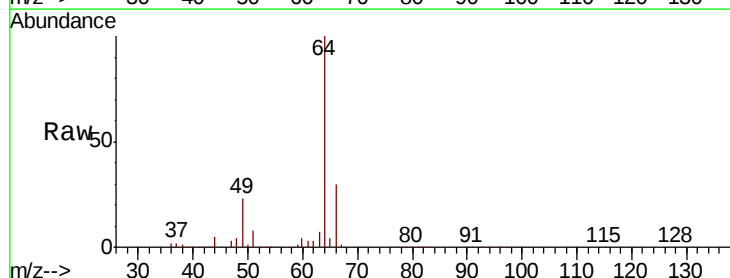
Acq: 16 Sep 2018 07:32

Tgt Ion: 64 Resp: 110339

Ion Ratio Lower Upper

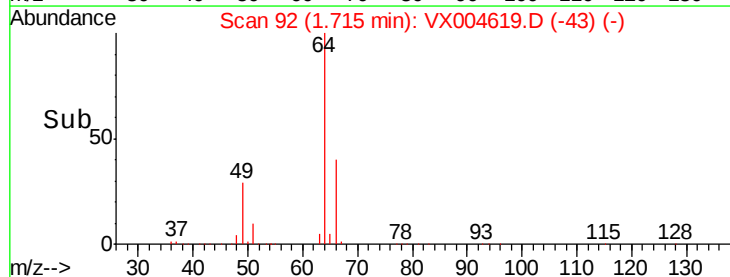
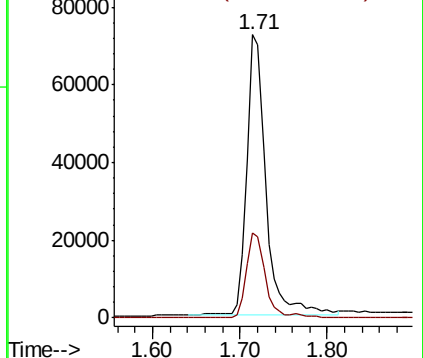
64 100

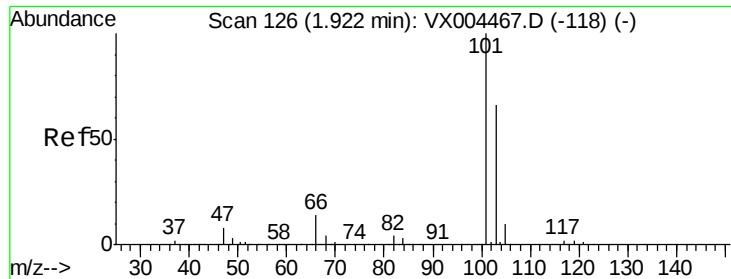
66 30.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



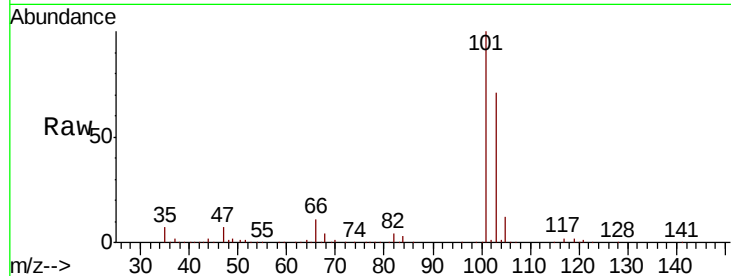


#7

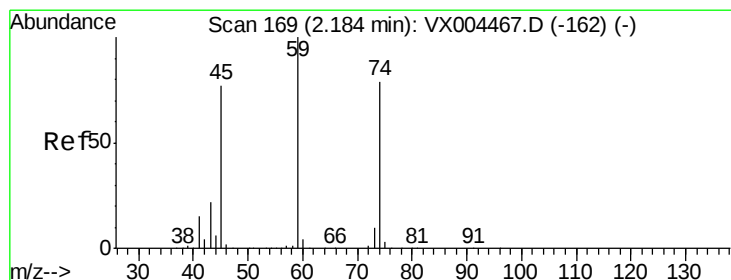
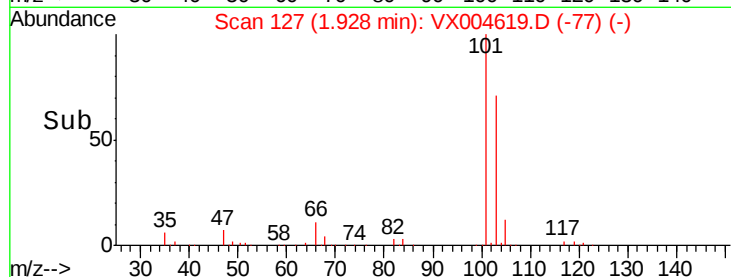
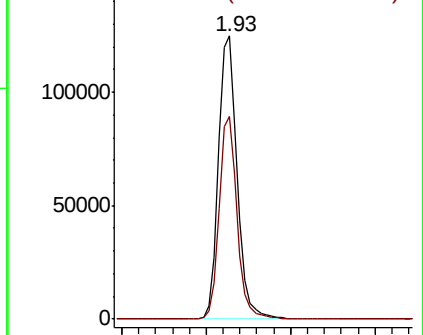
Trichlorofluoromethane
 Concen: 44.71 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 191721
 Ion Ratio Lower Upper
 101 100
 103 71.4 48.9 73.3



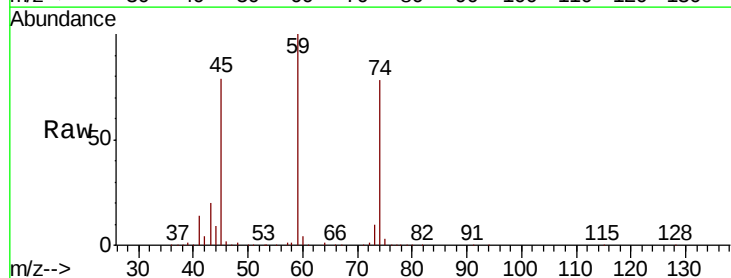
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



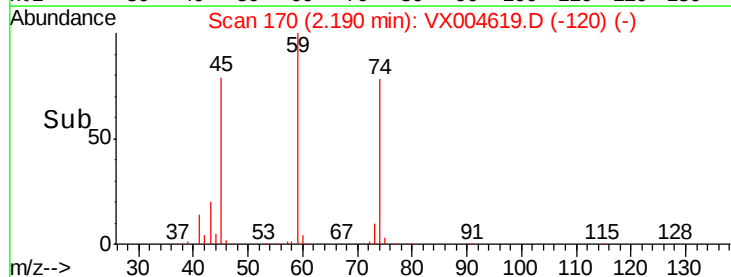
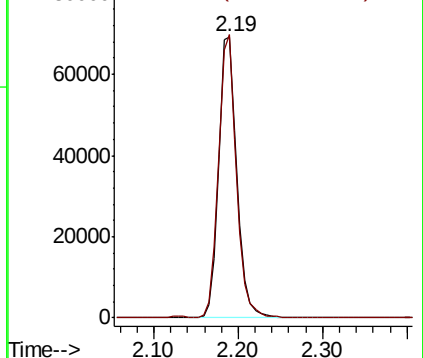
#8

Diethyl Ether
 Concen: 54.03 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 74 Resp: 103880
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.92 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

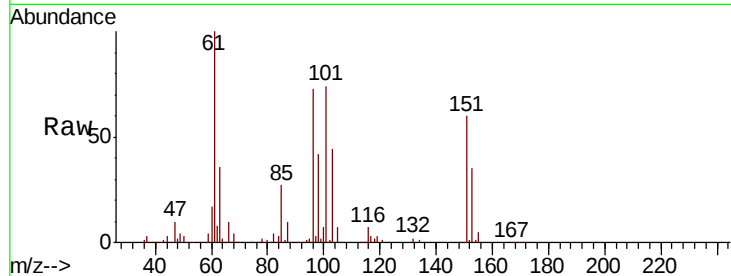
Tot Ion:101 Resp: 119468

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

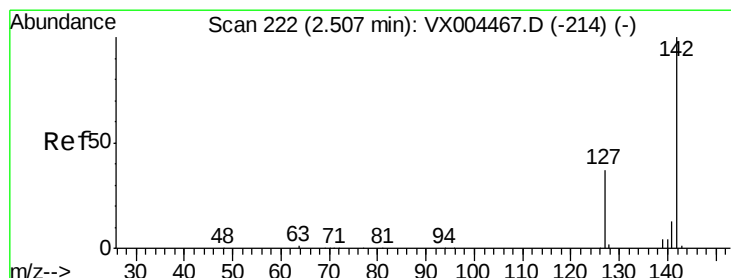
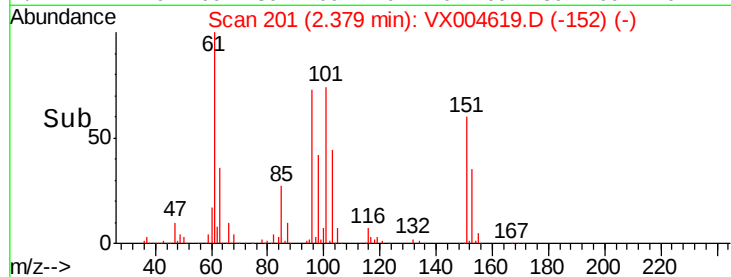
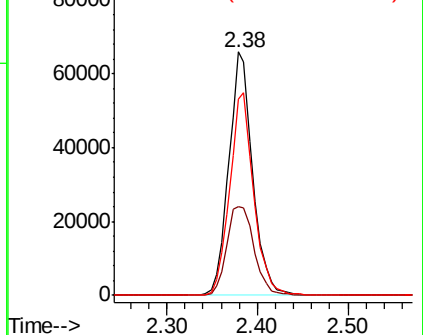
151 83.9 65.0 97.6



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: 42.89 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

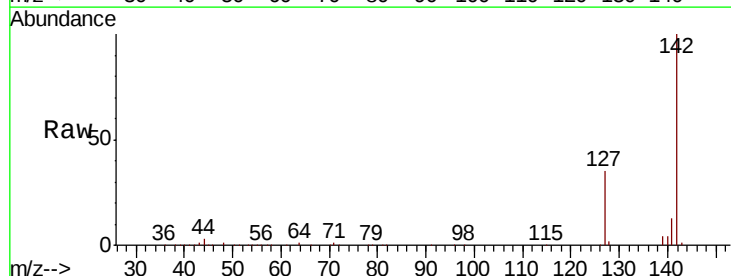
Tgt Ion:142 Resp: 137333

Ion Ratio Lower Upper

142 100

127 39.2 33.8 50.6

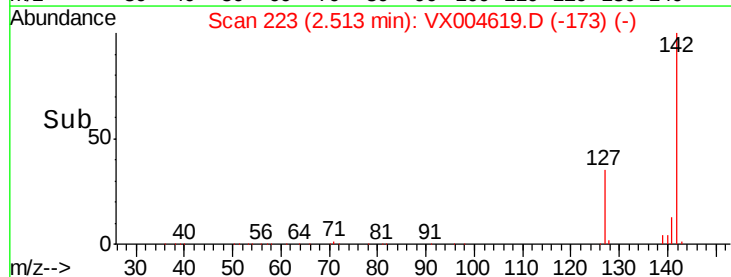
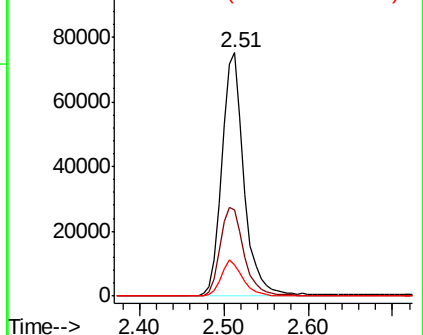
141 14.5 11.4 17.0

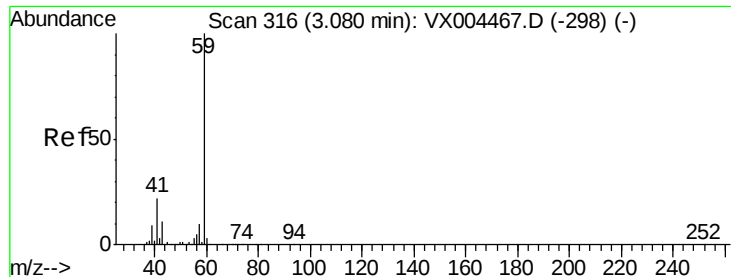


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

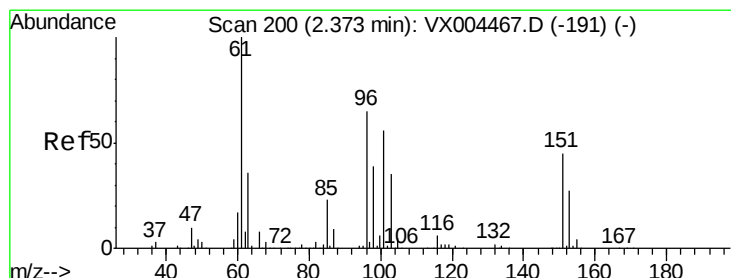
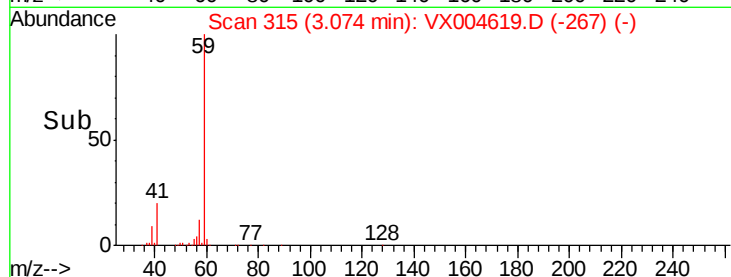
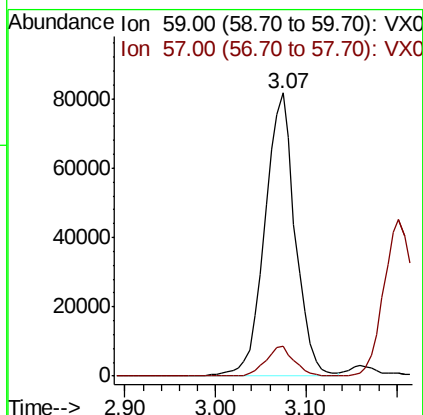
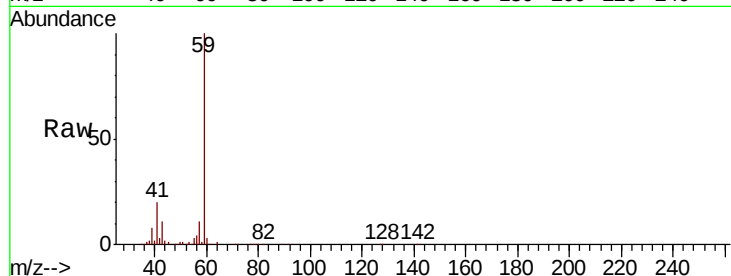




#11
Tert butyl alcohol
Concen: 252.18 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

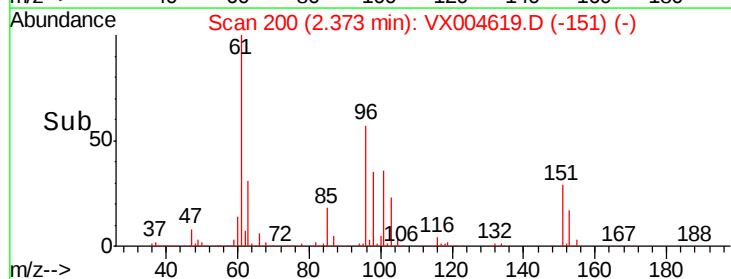
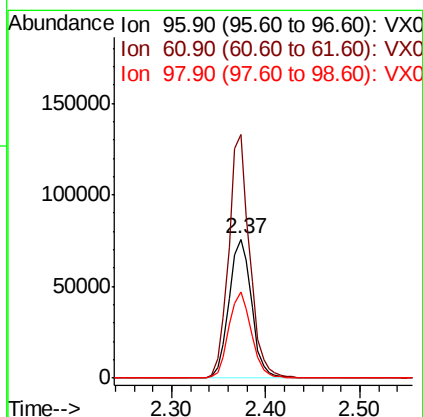
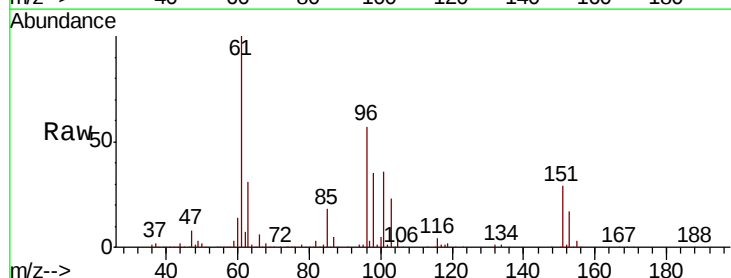
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

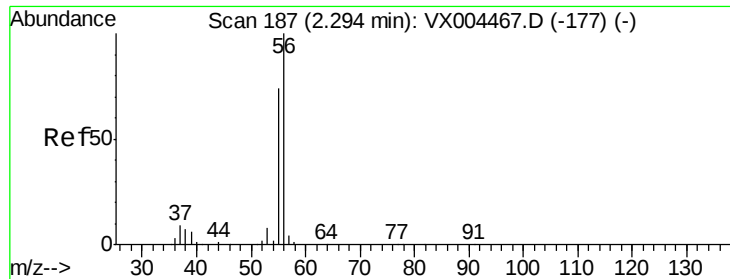
Tot Ion: 59 Resp: 189593
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.51 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 96 Resp: 126402
Ion Ratio Lower Upper
96 100
61 175.1 128.8 193.2
98 61.9 52.2 78.2

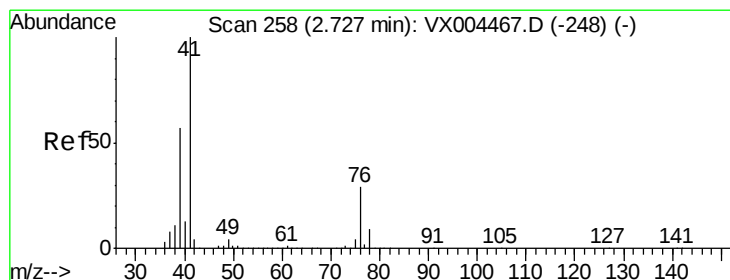
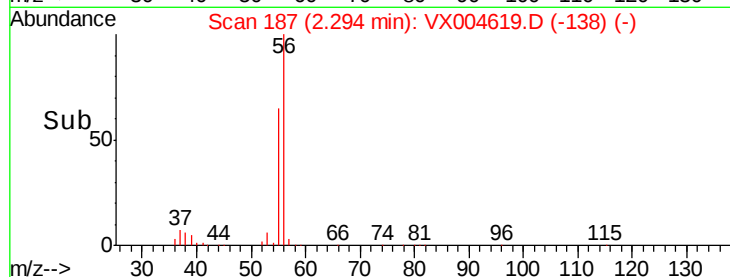
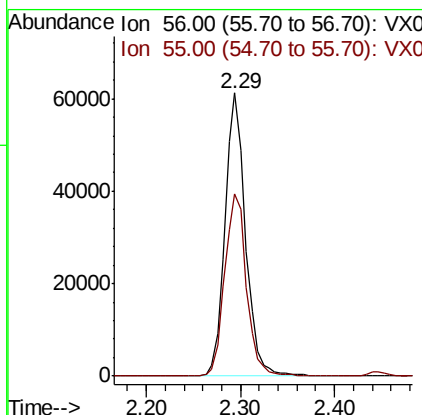
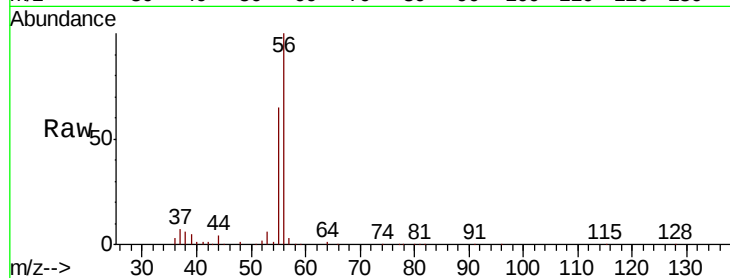




#13
 Acrolein
 Concen: 310.67 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

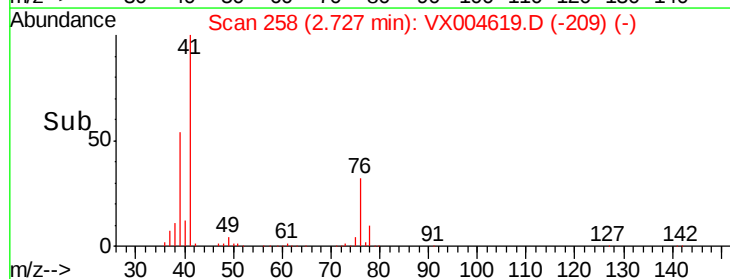
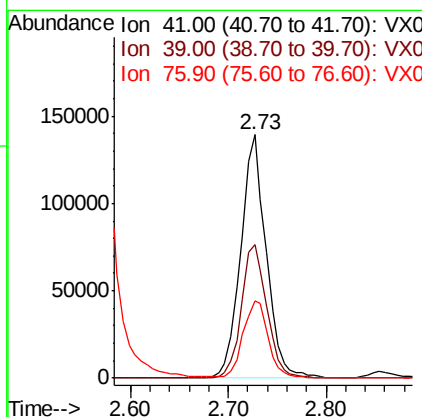
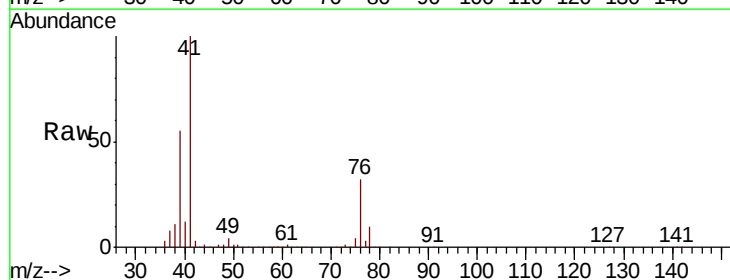
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

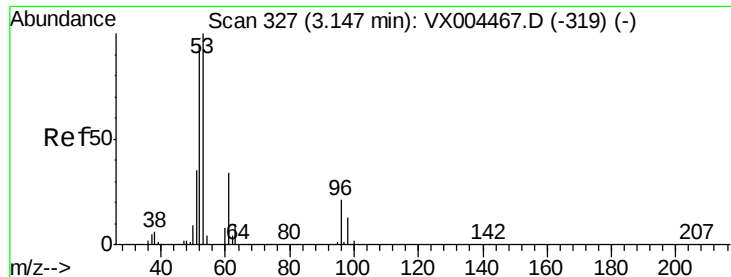
Tot Ion: 56 Resp: 92201
 Ion Ratio Lower Upper
 56 100
 55 69.1 54.7 82.1



#14
 Allyl chloride
 Concen: 47.86 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 41 Resp: 251219
 Ion Ratio Lower Upper
 41 100
 39 54.8 48.9 73.3
 76 31.4 26.7 40.1





#15

Acrylonitrile

Concen: 258.93 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

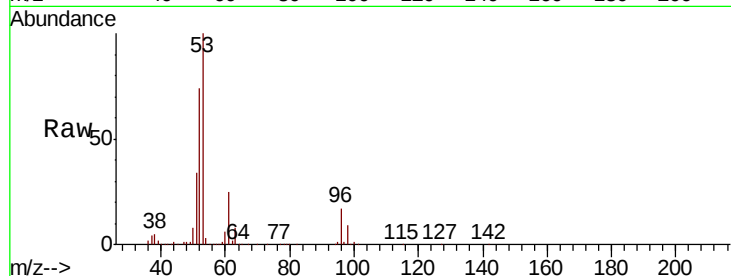
Tot Ion: 53 Resp: 468794

Ion Ratio Lower Upper

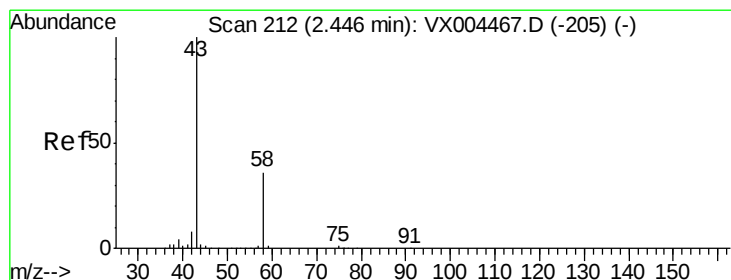
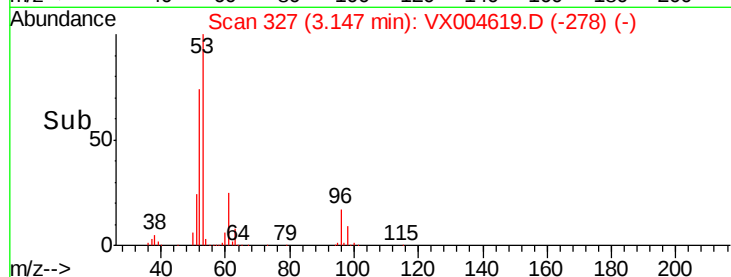
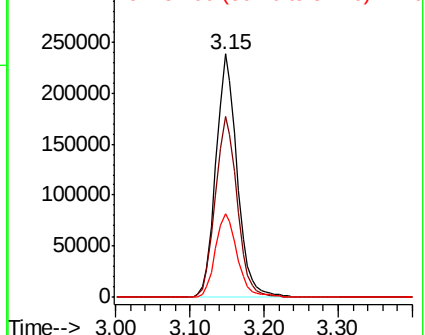
53 100

52 76.5 65.2 97.8

51 35.6 28.2 42.2



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



#16

Acetone

Concen: 232.62 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004619.D

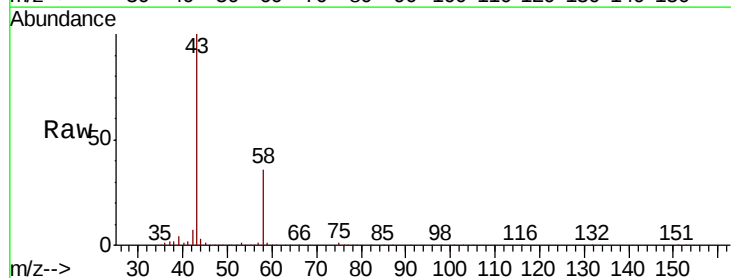
Acq: 16 Sep 2018 07:32

Tgt Ion: 43 Resp: 357733

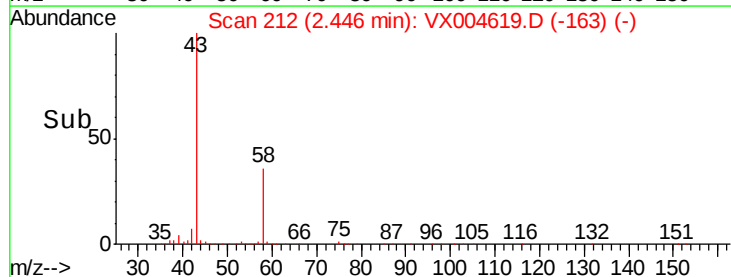
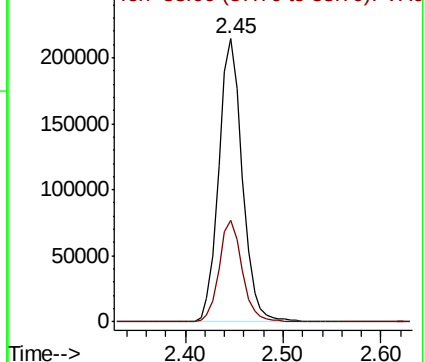
Ion Ratio Lower Upper

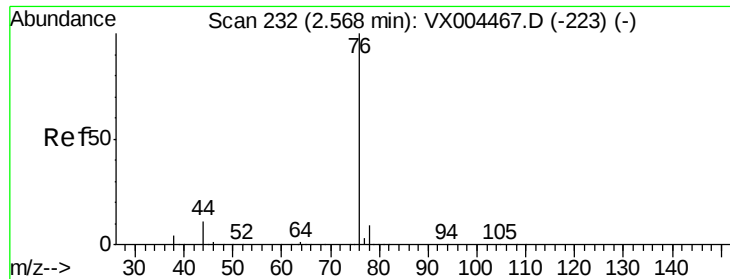
43 100

58 35.9 26.2 39.4



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

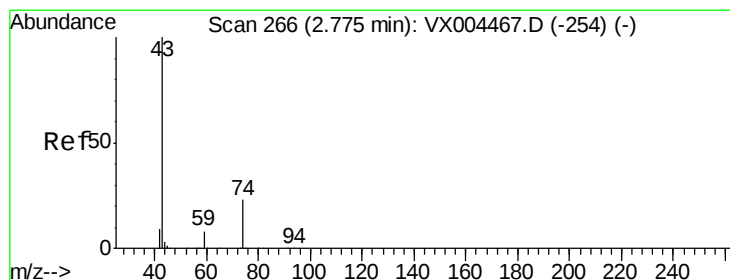
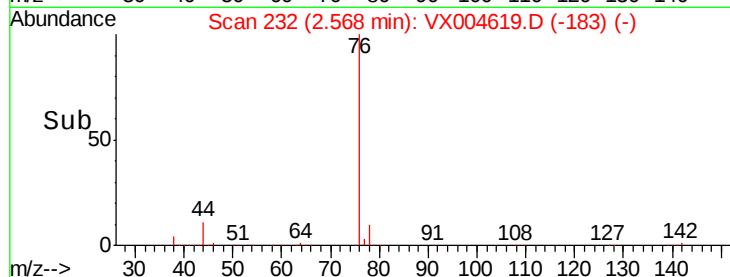
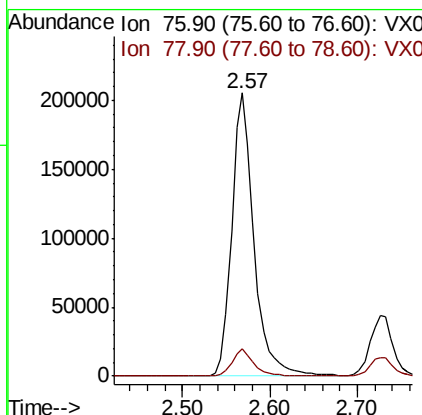
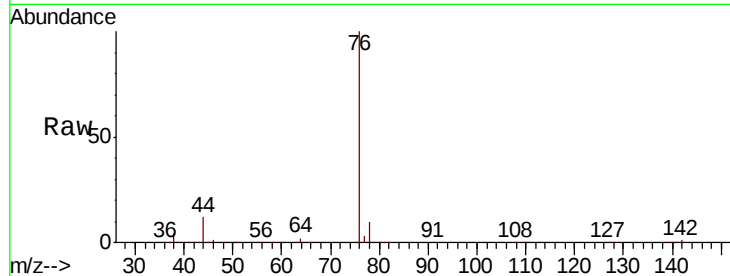




#17
Carbon Disulfide
Concen: 49.26 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

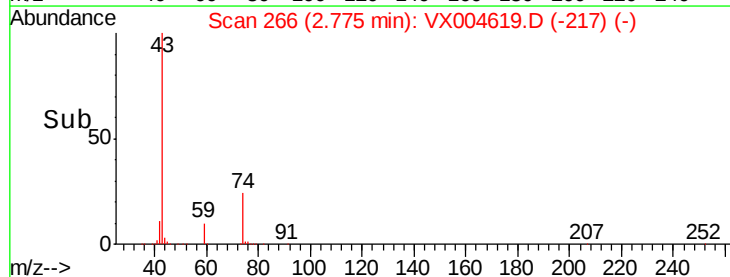
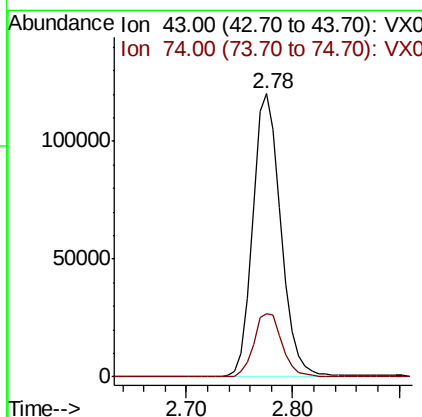
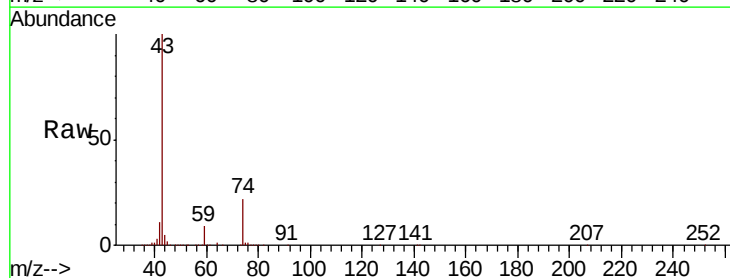
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

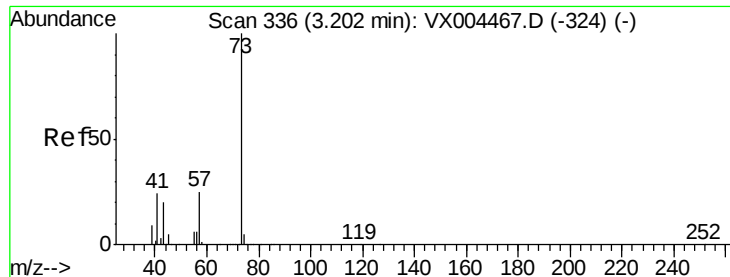
Tot Ion: 76 Resp: 363523
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 51.31 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 43 Resp: 221371
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



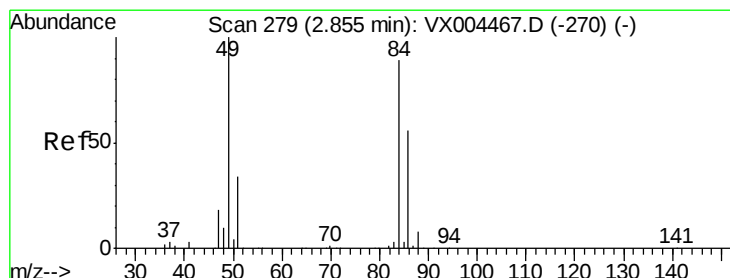
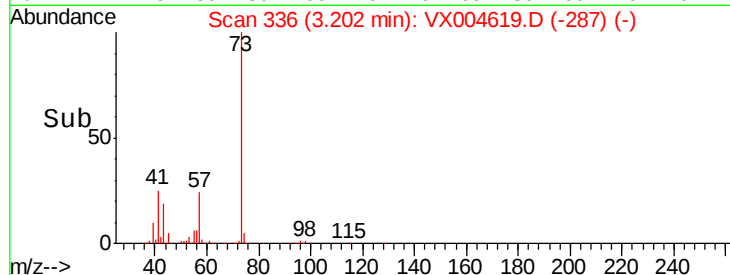
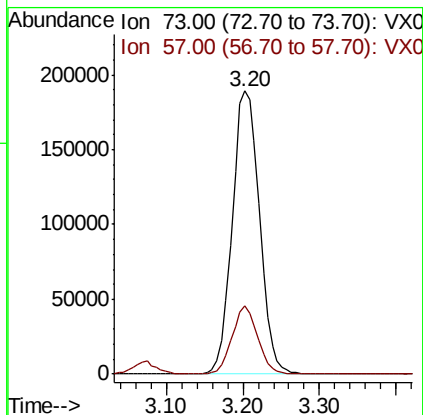
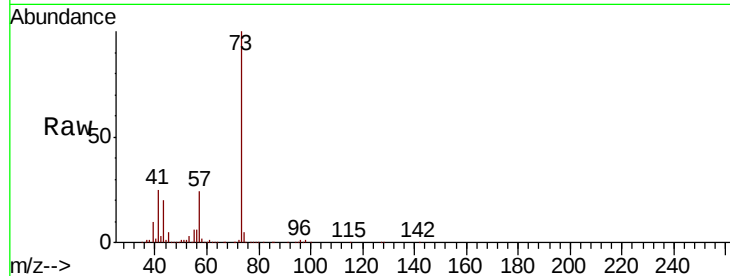


#19

Methyl tert-butyl Ether
 Concen: 52.00 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

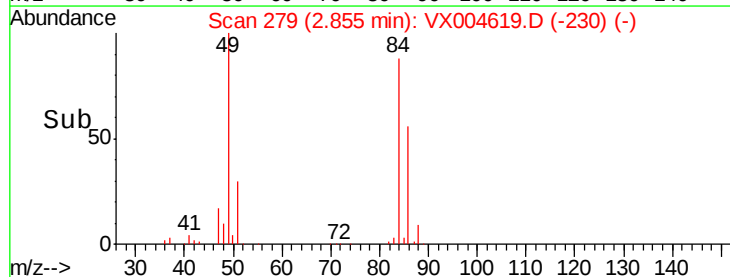
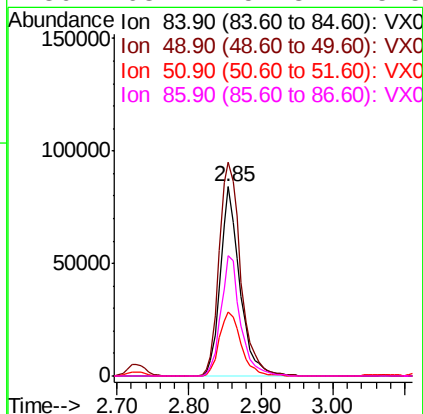
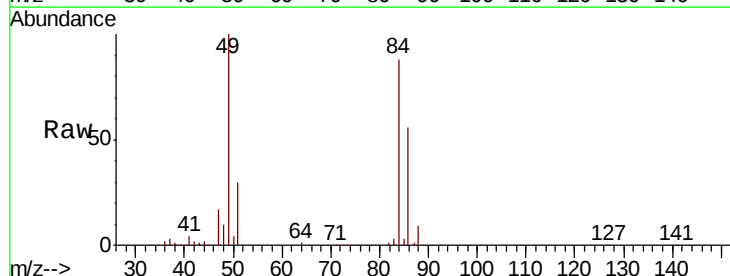
Tot Ion: 73 Resp: 465843
 Ion Ratio Lower Upper
 73 100
 57 23.9 17.1 25.7

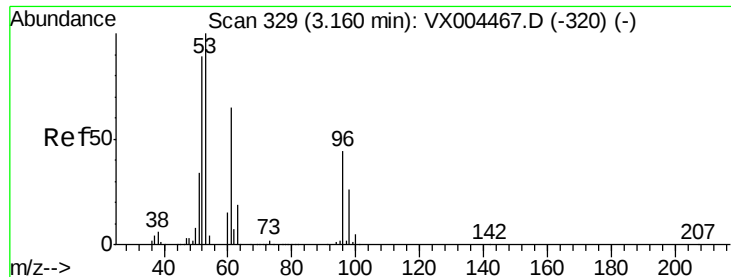


#20

Methylene Chloride
 Concen: 50.03 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 84 Resp: 157823
 Ion Ratio Lower Upper
 84 100
 49 113.0 101.2 151.8
 51 33.7 29.5 44.3
 86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.77 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

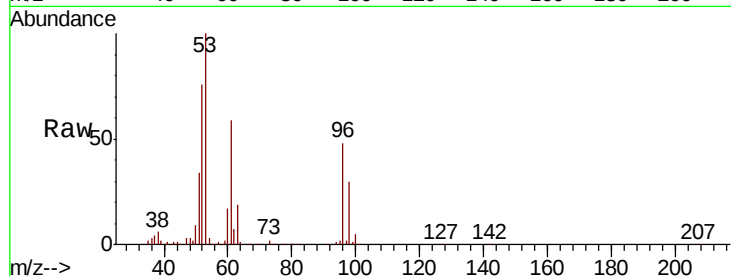
Tot Ion: 96 Resp: 148893

Ion Ratio Lower Upper

96 100

61 122.3 113.8 170.6

98 61.7 51.8 77.8

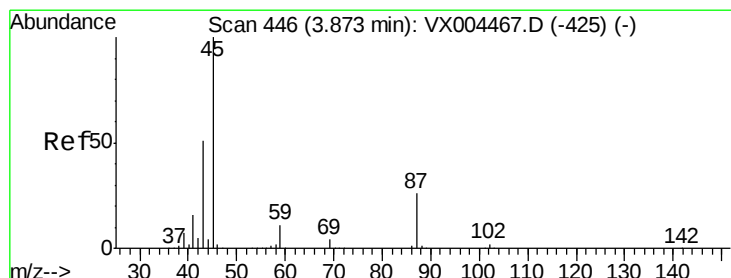
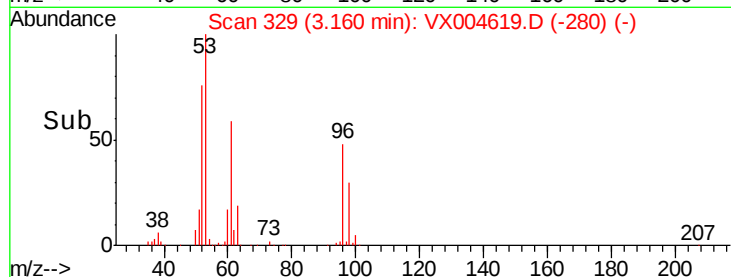
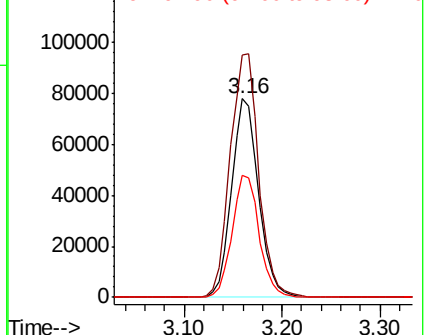


Abundance

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: 56.02 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion: 45 Resp: 529598

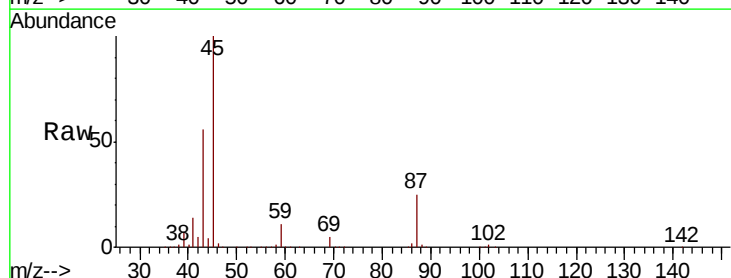
Ion Ratio Lower Upper

45 100

43 56.4 42.8 64.2

87 24.7 22.6 34.0

59 11.4 9.6 14.4



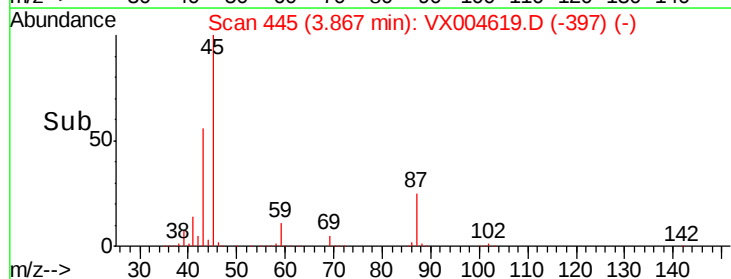
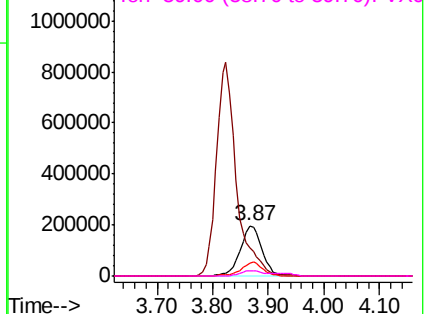
Abundance

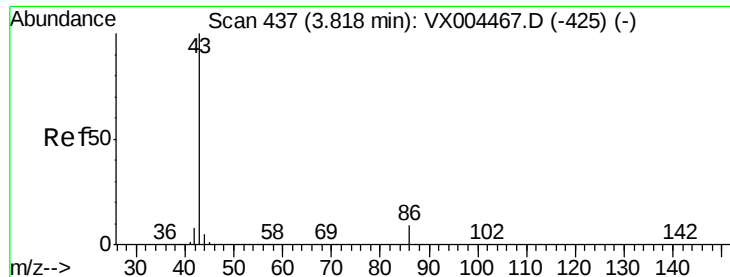
Ion 45.00 (44.70 to 45.70): VX0

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: 273.40 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

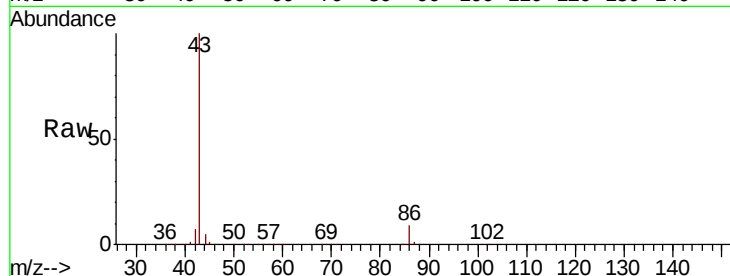
VSTDCCC050EC

Tot Ion: 43 Resp: 2091675

Ion Ratio Lower Upper

43 100

86 9.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

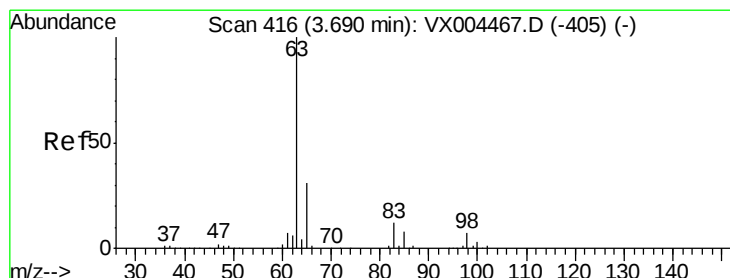
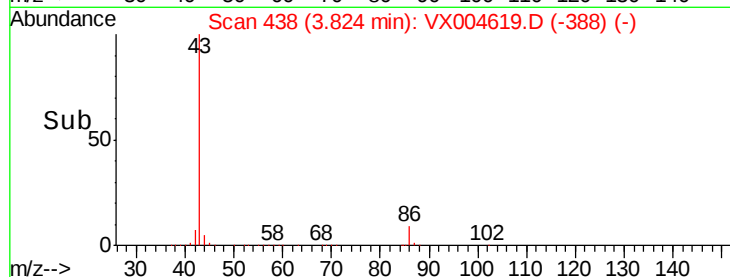
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.74 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

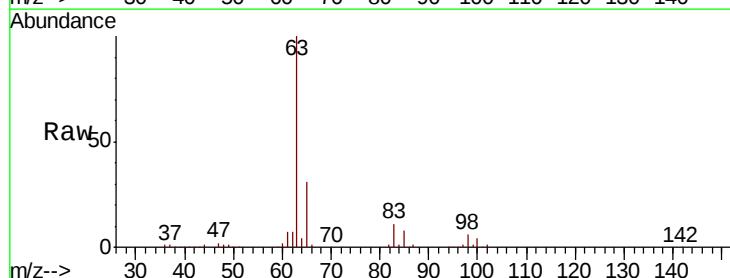
Tgt Ion: 63 Resp: 276190

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 3.7 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

150000

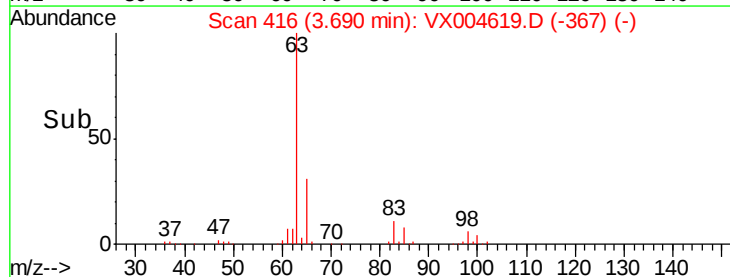
100000

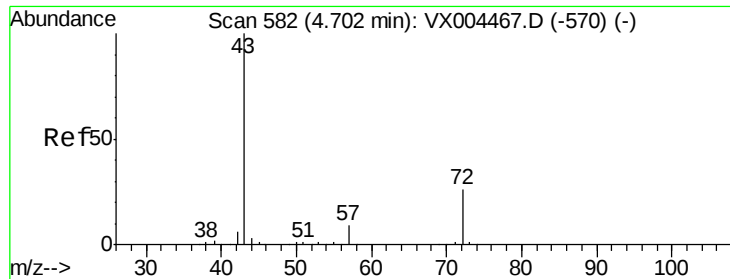
50000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 235.34 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

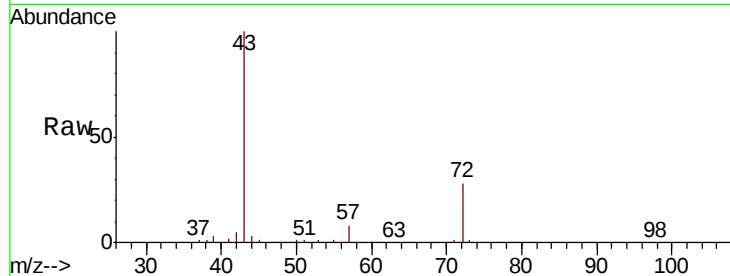
VSTDCCC050EC

Tot Ion: 43 Resp: 575998

Ion Ratio Lower Upper

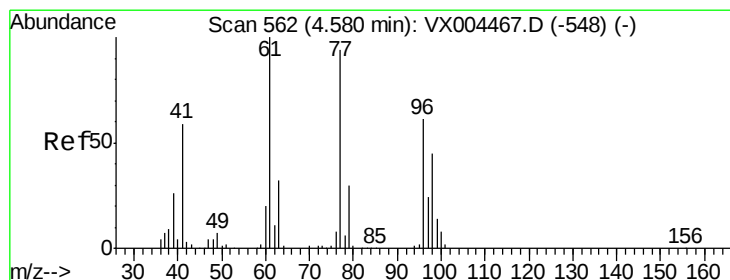
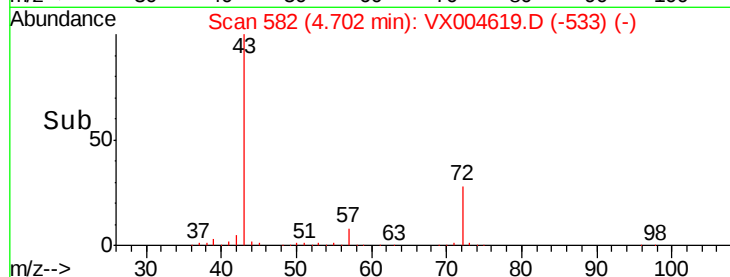
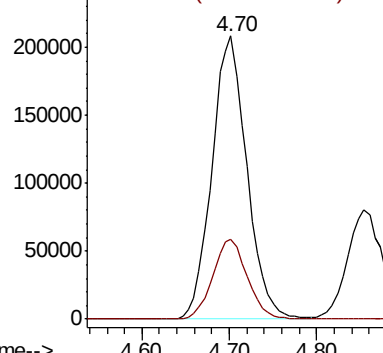
43 100

72 27.9 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: 30.92 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004619.D

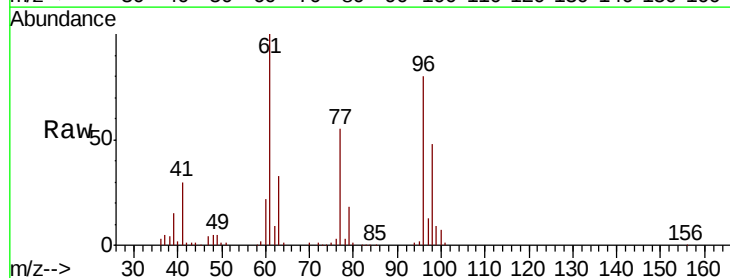
Acq: 16 Sep 2018 07:32

Tgt Ion: 77 Resp: 113371

Ion Ratio Lower Upper

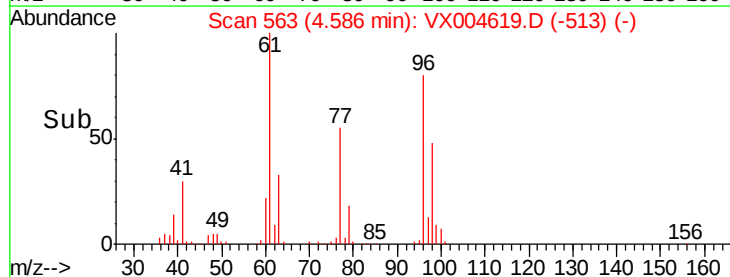
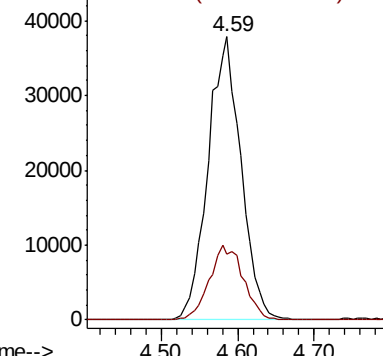
77 100

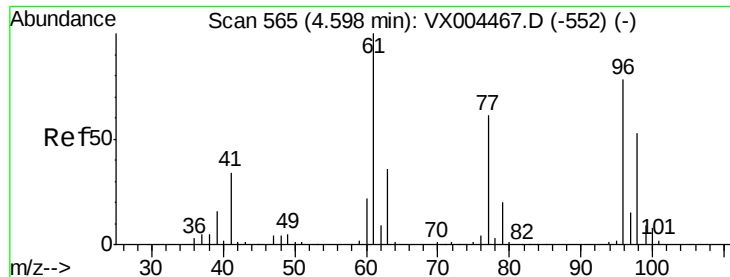
97 27.0 11.7 35.0



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: 53.62 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

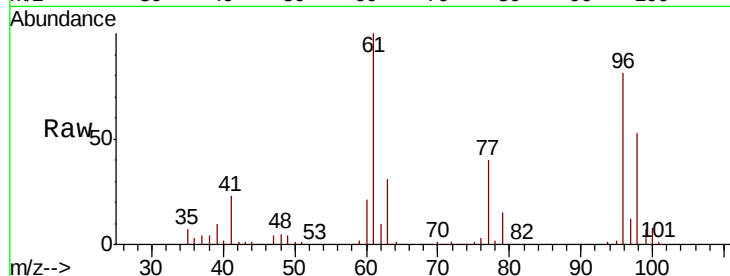
Tot Ion: 96 Resp: 168891

Ion Ratio Lower Upper

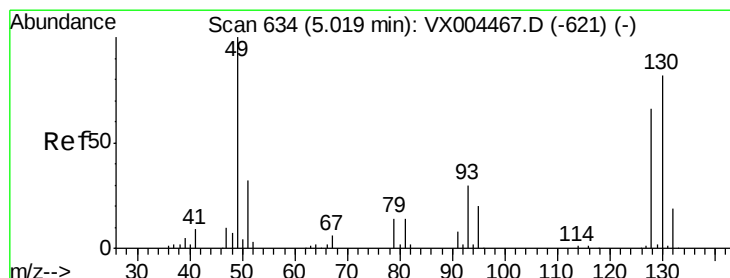
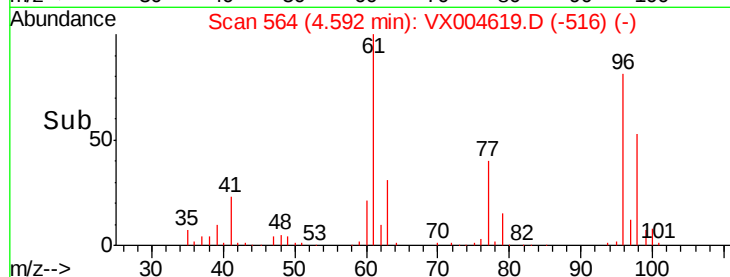
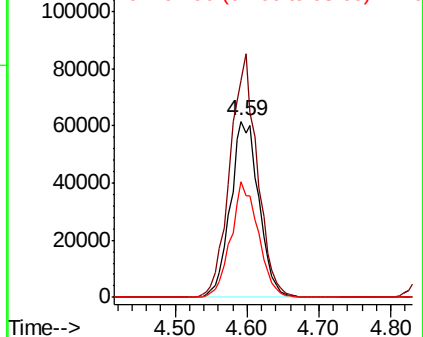
96 100

61 132.7 0.0 282.6

98 62.8 0.0 130.2



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



#28

Bromochloromethane

Concen: 54.51 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

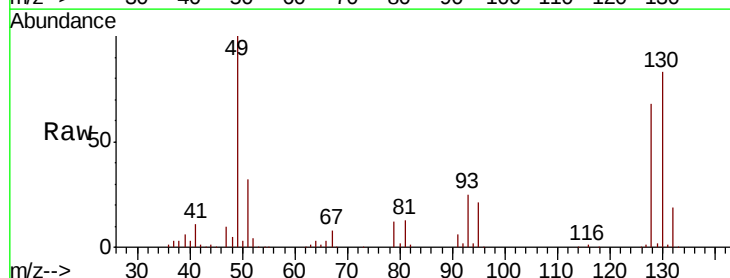
Tgt Ion: 49 Resp: 133080

Ion Ratio Lower Upper

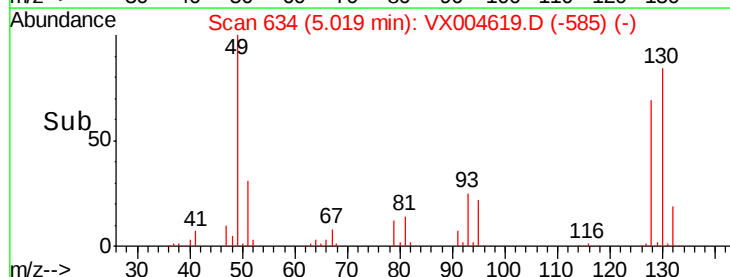
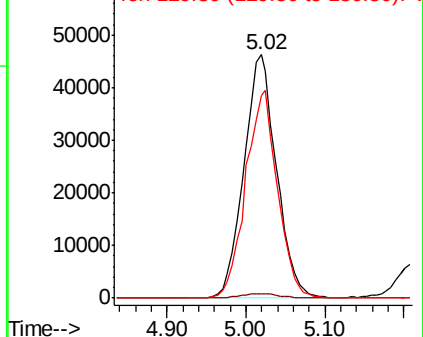
49 100

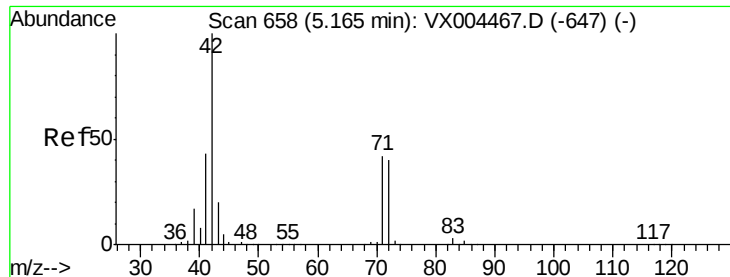
129 2.1 0.0 4.2

130 83.5 67.5 101.3



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

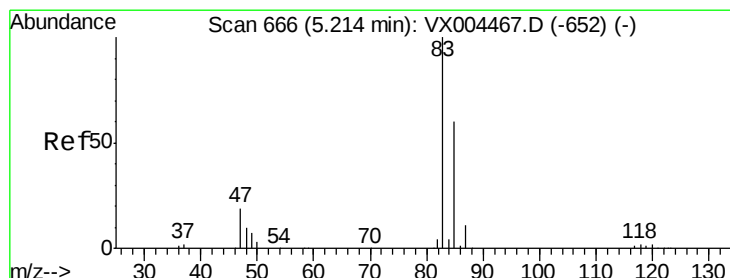
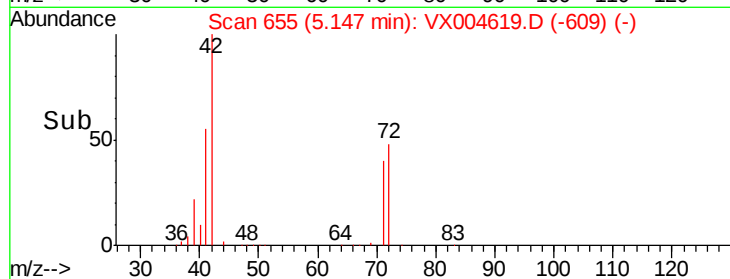
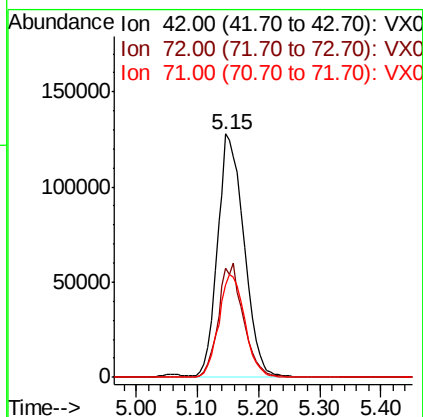
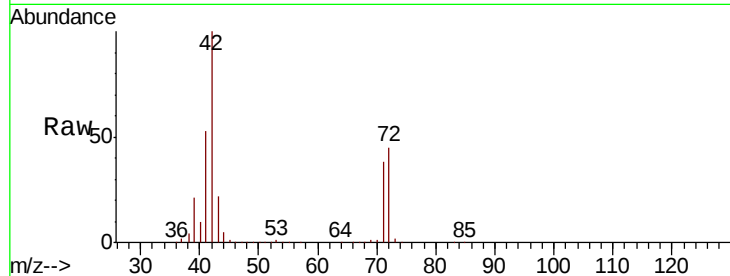




#29
Tetrahydrofuran
Concen: 260.07 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.02 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

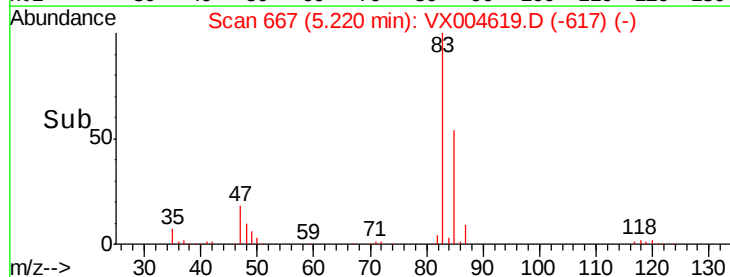
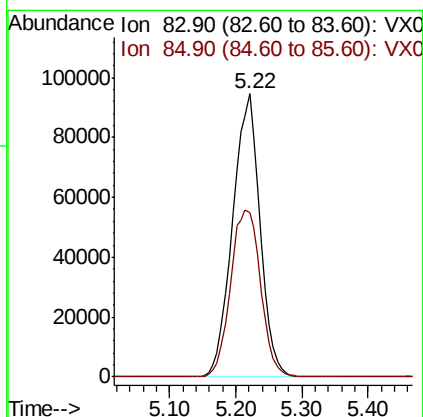
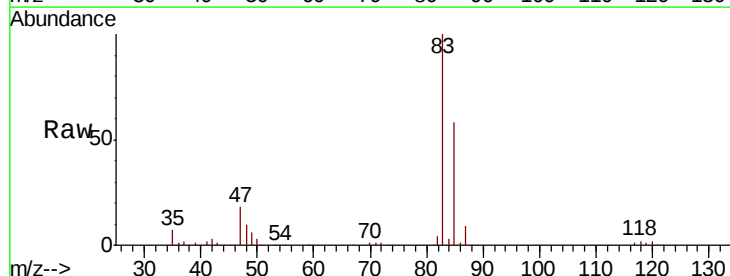
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

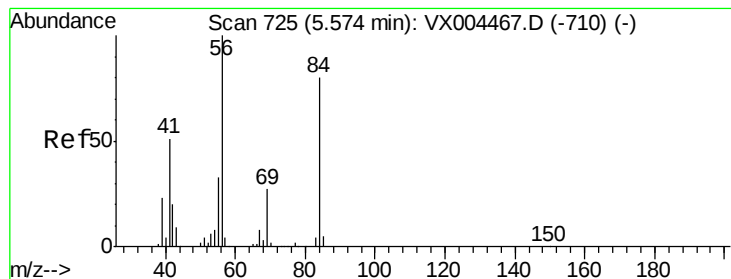
Tot Ion: 42 Resp: 383848
Ion Ratio Lower Upper
42 100
72 44.4 37.4 56.0
71 41.7 34.5 51.7



#30
Chloroform
Concen: 52.10 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 83 Resp: 271496
Ion Ratio Lower Upper
83 100
85 58.2 52.6 79.0





#31

Cyclohexane

Concen: 47.23 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

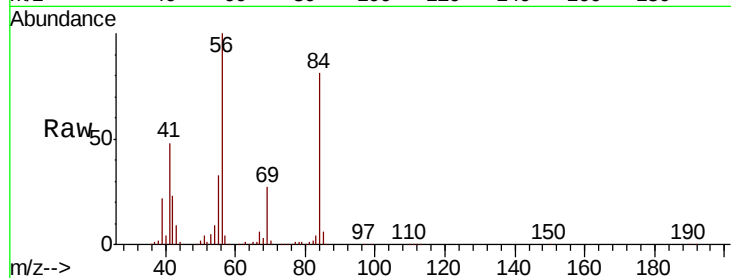
Tot Ion: 56 Resp: 215267

Ion Ratio Lower Upper

56 100

69 26.8 25.4 38.2

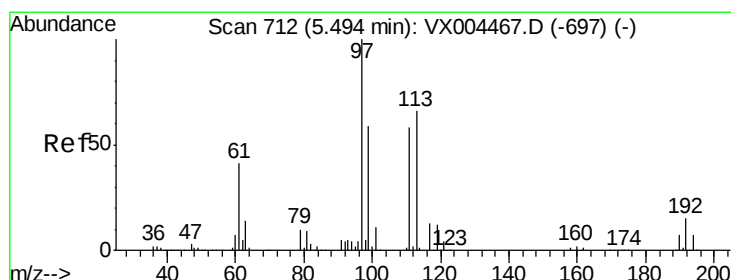
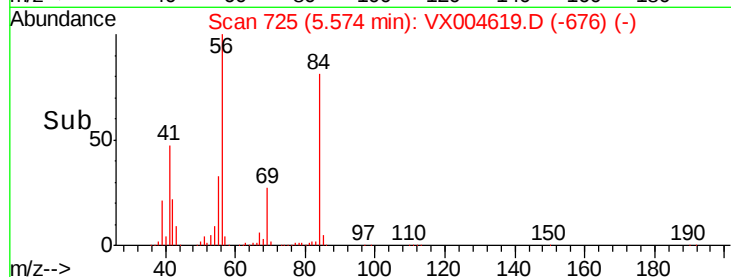
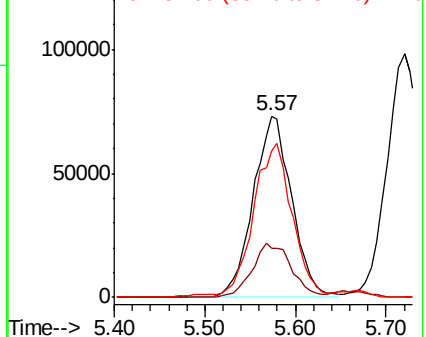
84 80.0 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.49 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

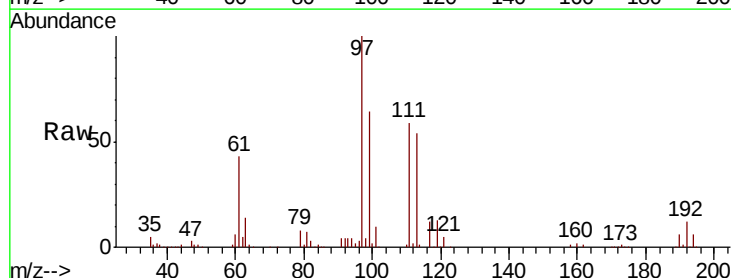
Tgt Ion: 97 Resp: 211905

Ion Ratio Lower Upper

97 100

99 66.4 52.0 78.0

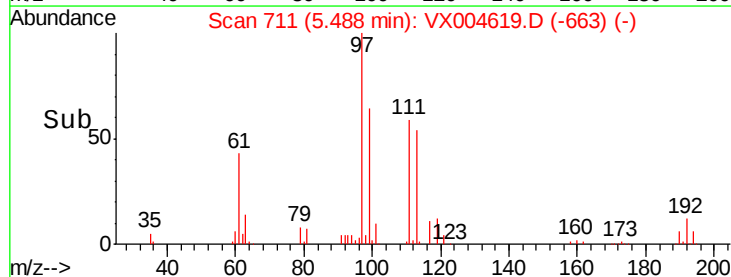
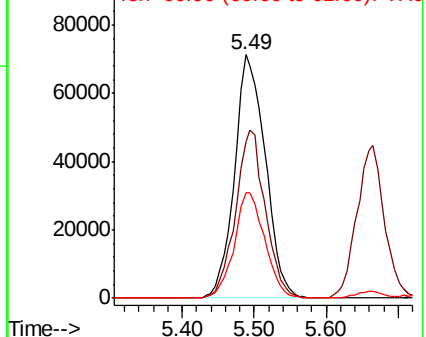
61 43.0 34.9 52.3



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: 51.06 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

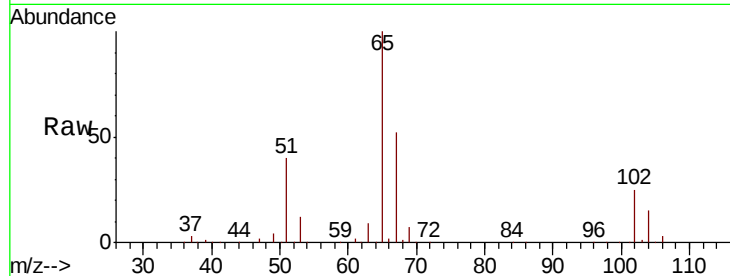
VSTDCCC050EC

Tot Ion: 65 Resp: 160877

Ion Ratio Lower Upper

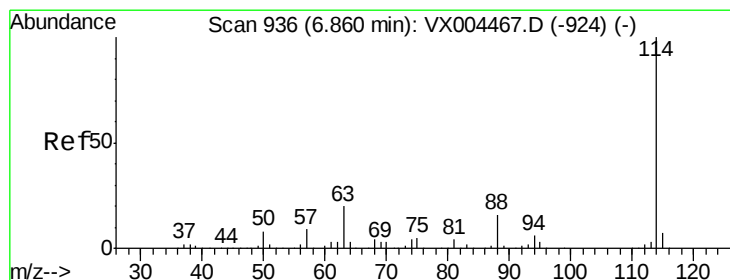
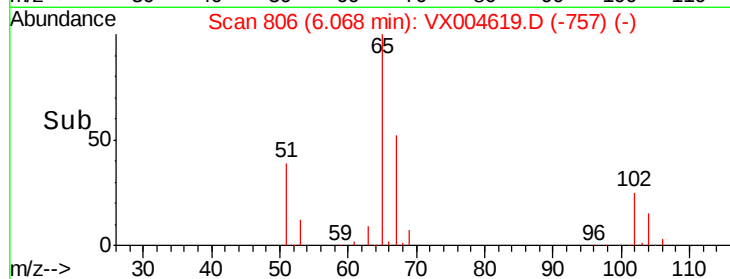
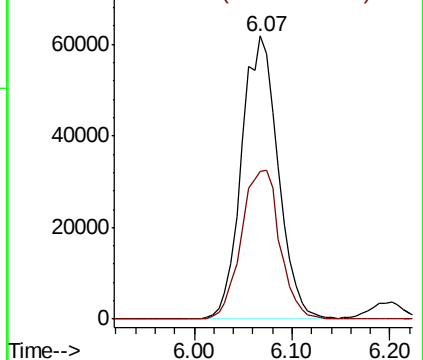
65 100

67 55.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

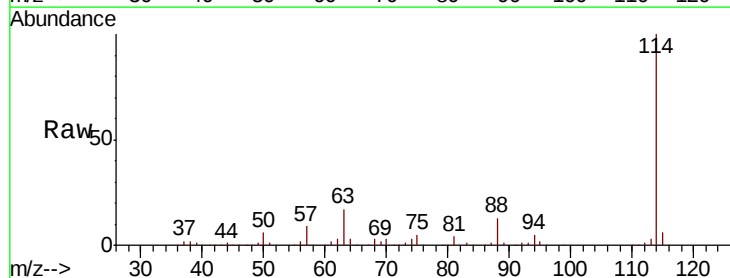
Tgt Ion: 114 Resp: 325757

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.0

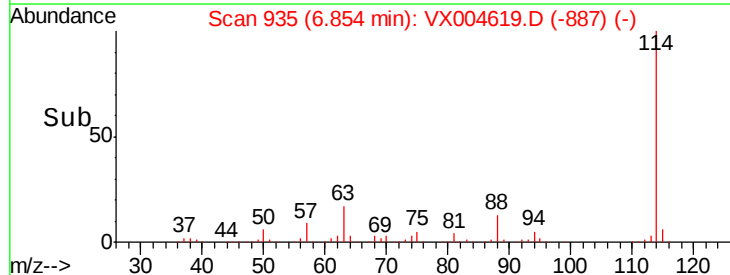
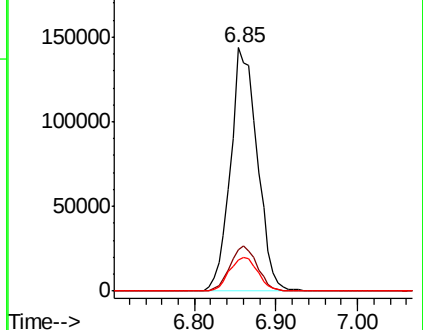
88 12.9 0.0 30.4

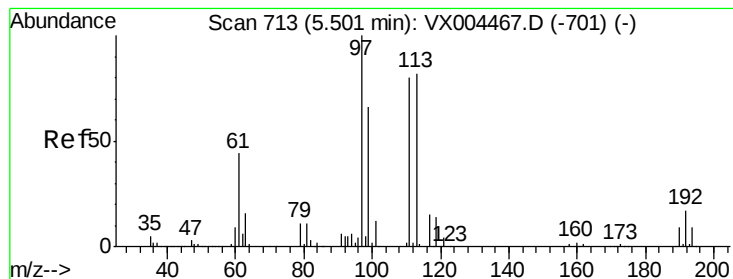


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.67 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

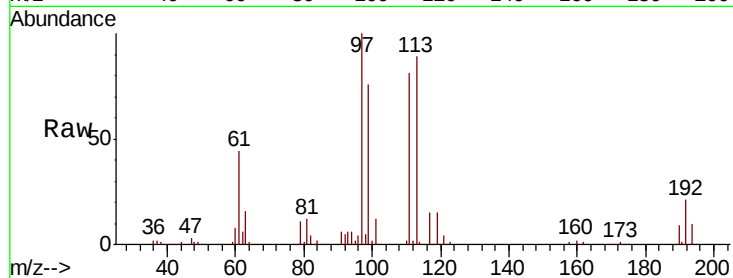
Tot Ion:113 Resp: 145074

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

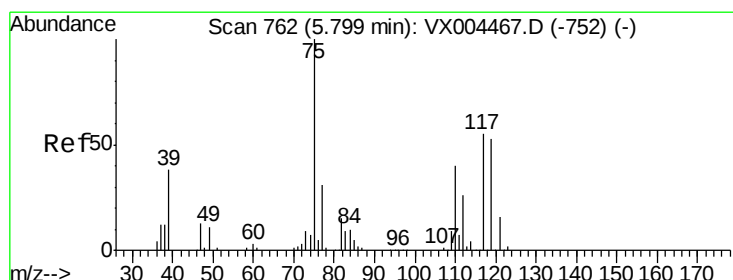
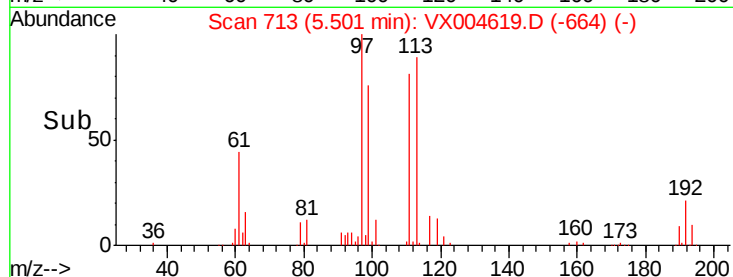
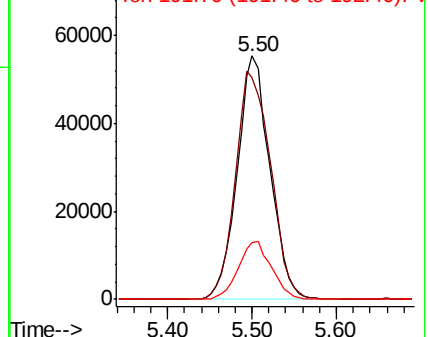
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.68 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

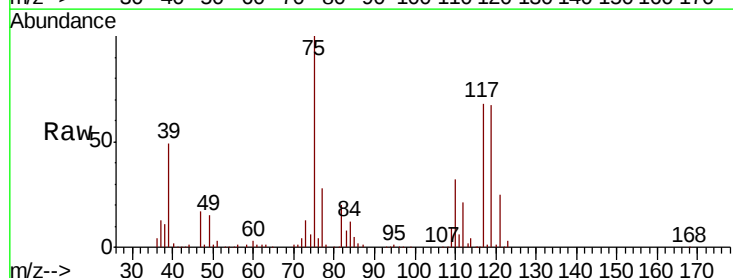
Tgt Ion: 75 Resp: 184618

Ion Ratio Lower Upper

75 100

110 37.7 18.0 54.0

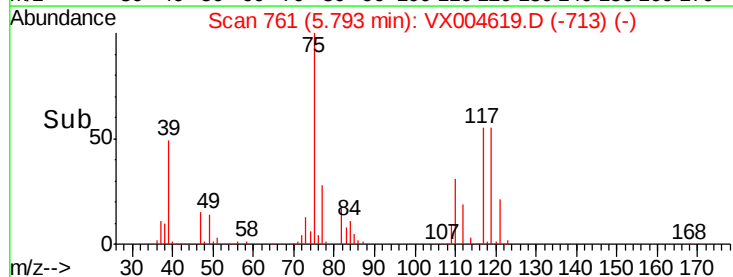
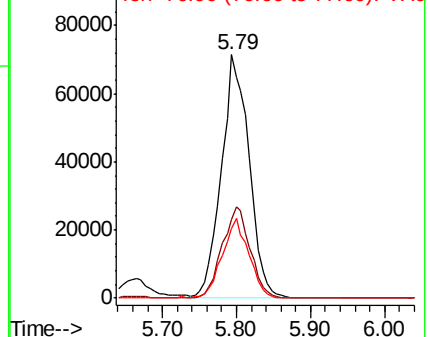
77 31.5 24.6 36.8

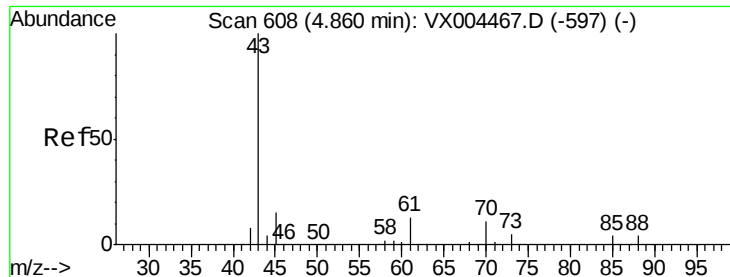


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.53 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

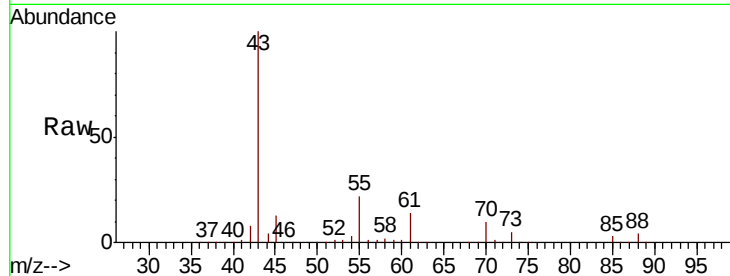
Tot Ion: 43 Resp: 227279

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

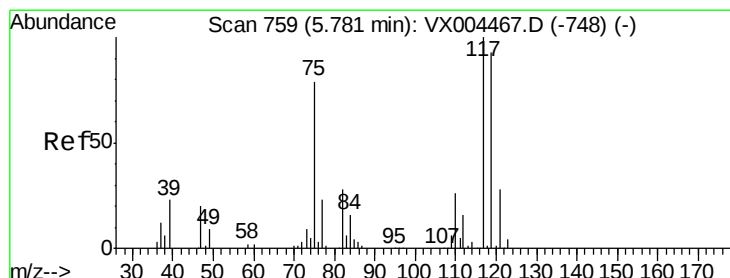
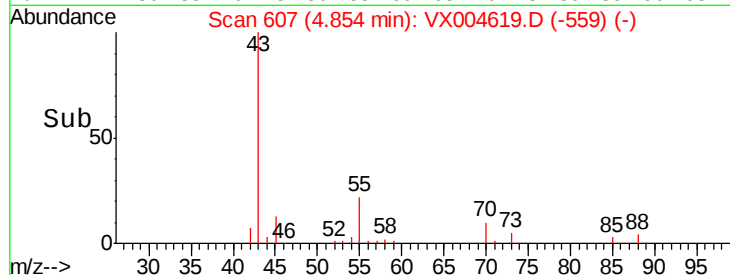
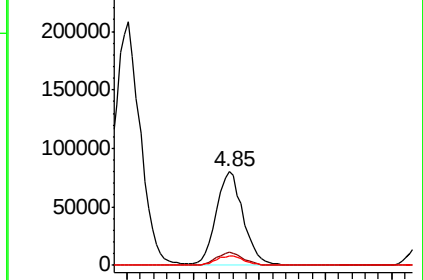
70 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.50 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

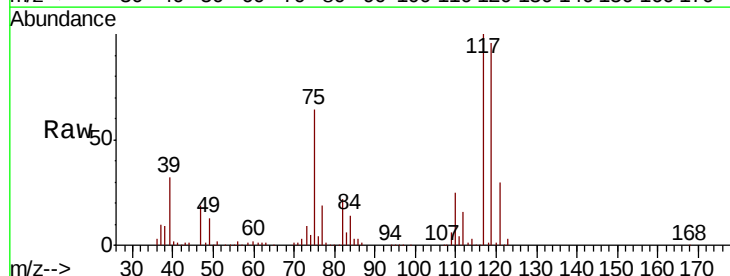
Tgt Ion: 117 Resp: 179626

Ion Ratio Lower Upper

117 100

119 96.5 78.8 118.2

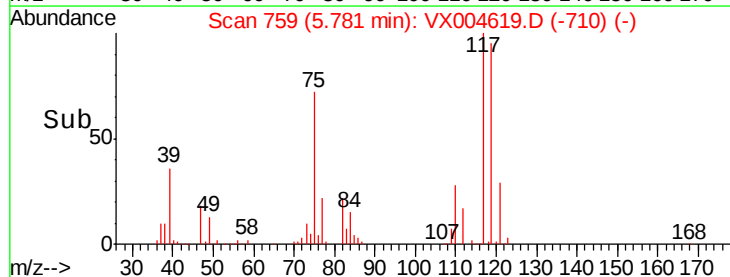
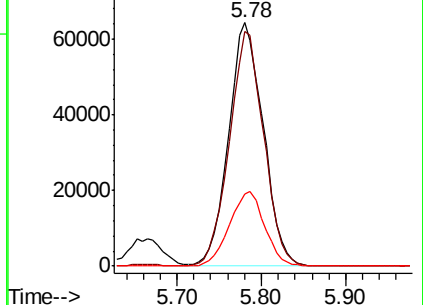
121 29.7 24.9 37.3

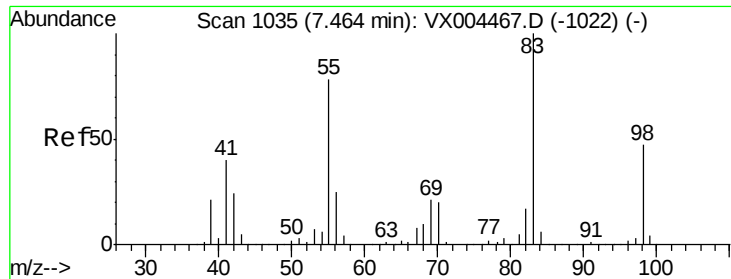


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

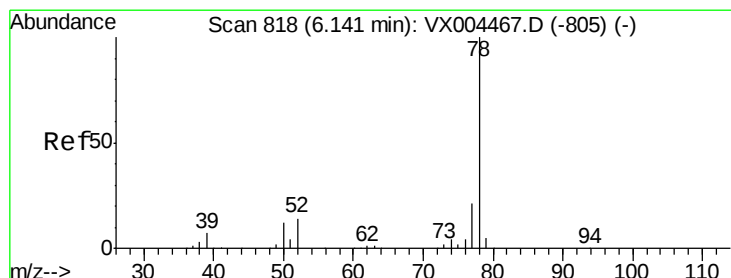
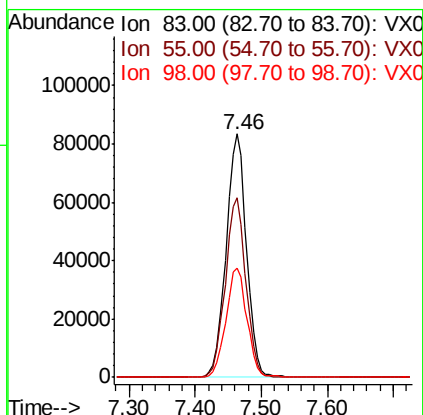
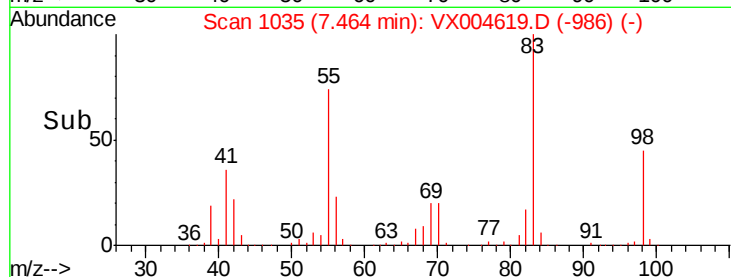
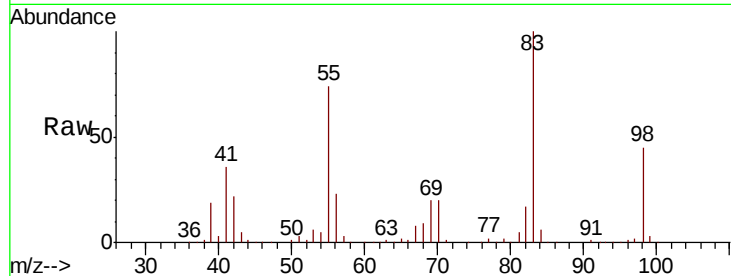




#39
Methylvlcyclohexane
Concen: 43.20 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

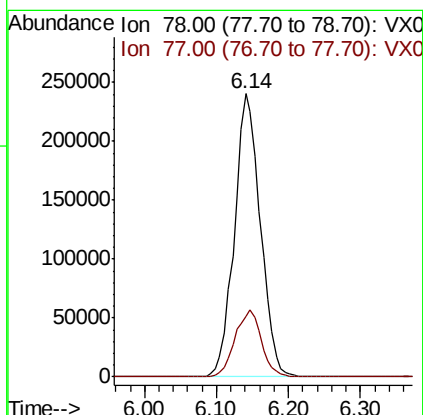
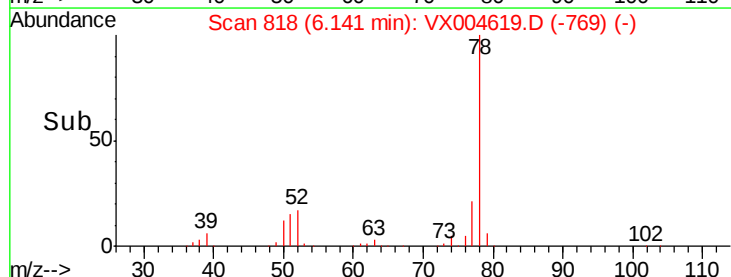
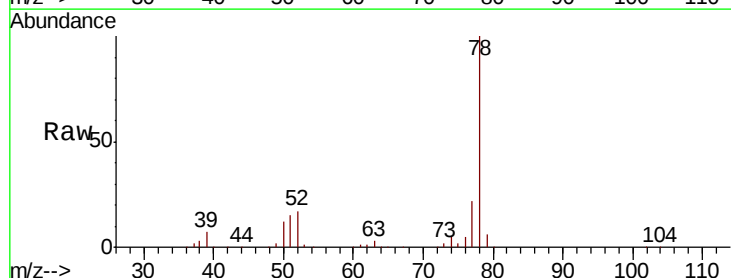
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 178307
Ion Ratio Lower Upper
83 100
55 73.6 61.0 91.4
98 44.9 39.6 59.4



#40
Benzene
Concen: 51.16 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 78 Resp: 600299
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.4





#41

Methacrylonitrile

Concen: 49.38 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 122387

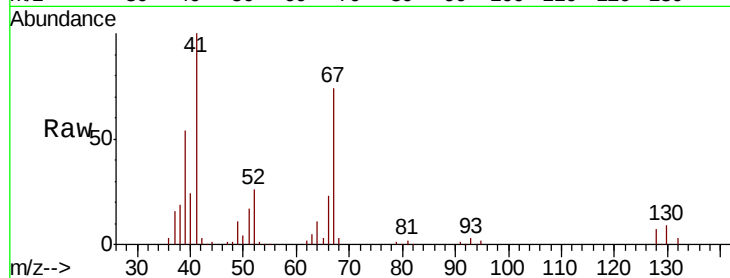
Ion Ratio Lower Upper

41 100

39 53.1 42.4 63.6

67 75.2 59.2 88.8

52 28.6 23.0 34.4

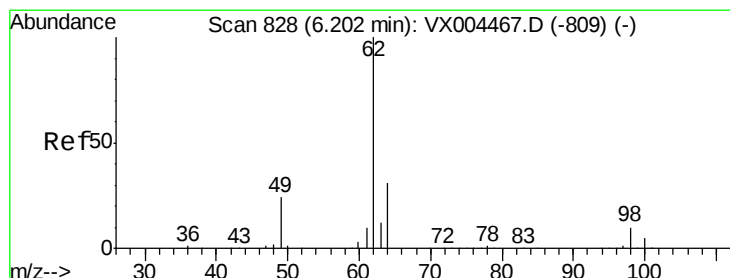
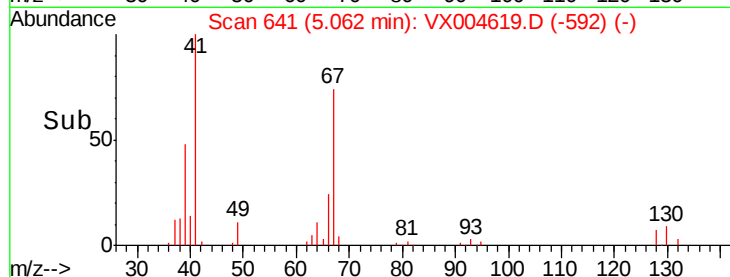
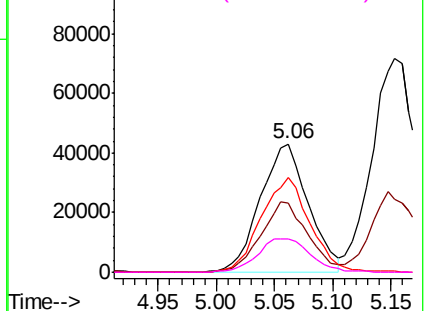


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.85 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004619.D

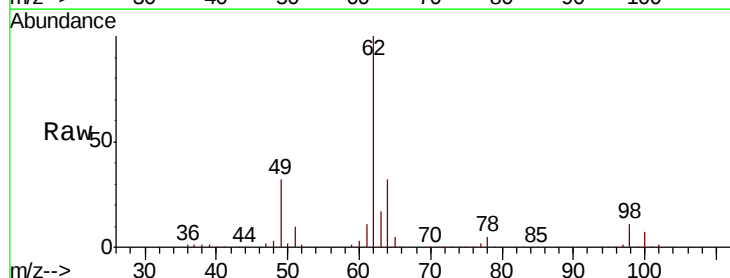
Acq: 16 Sep 2018 07:32

Tgt Ion: 62 Resp: 201782

Ion Ratio Lower Upper

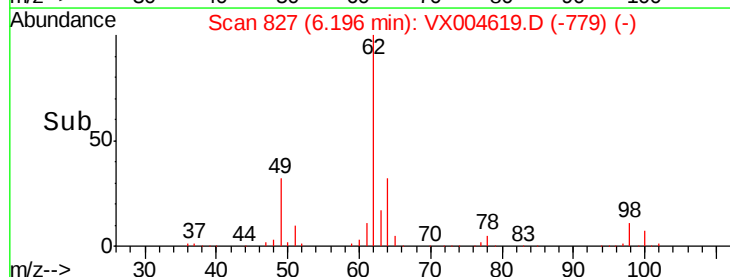
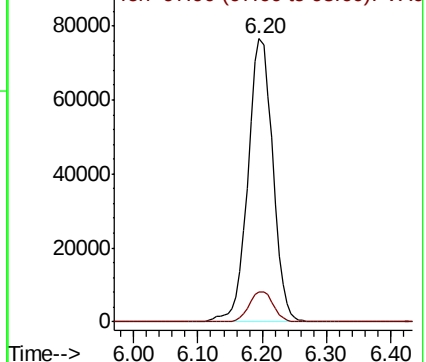
62 100

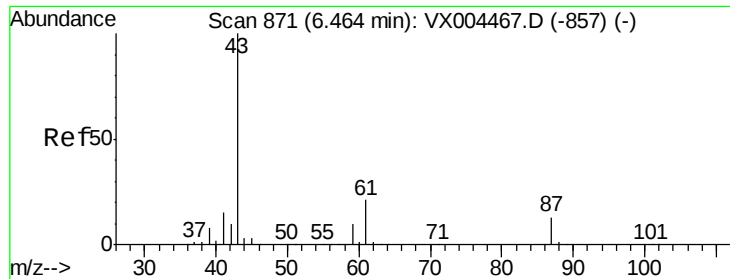
98 10.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



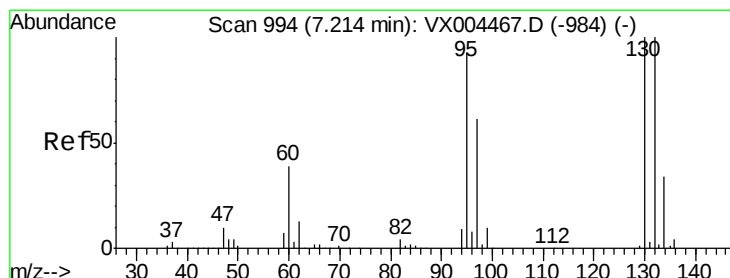
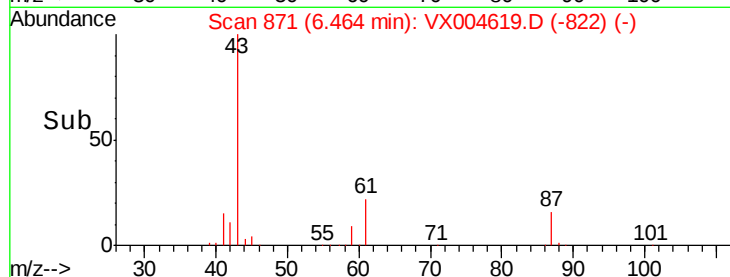
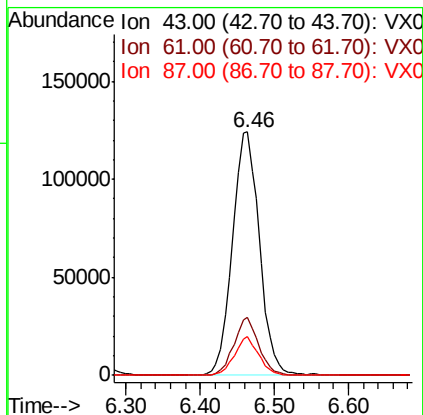
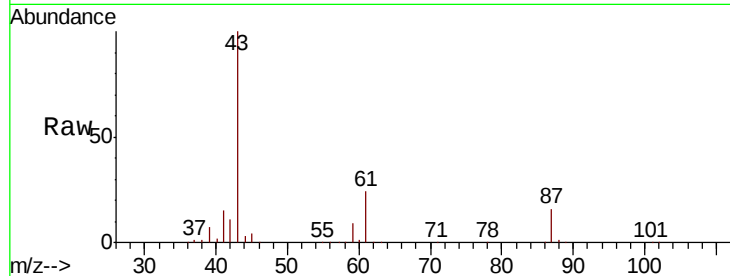


#43

Isopropyl Acetate
 Concen: 52.77 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

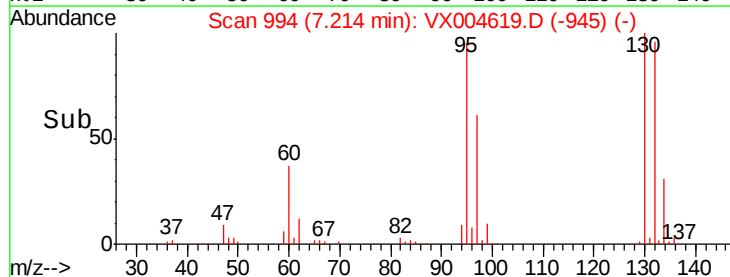
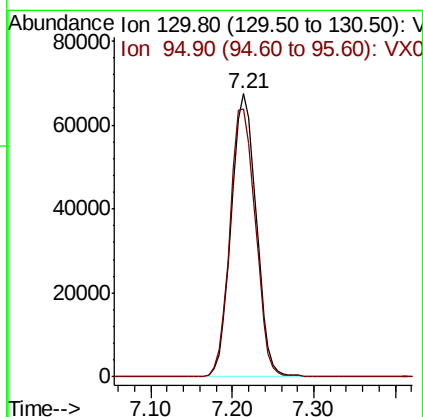
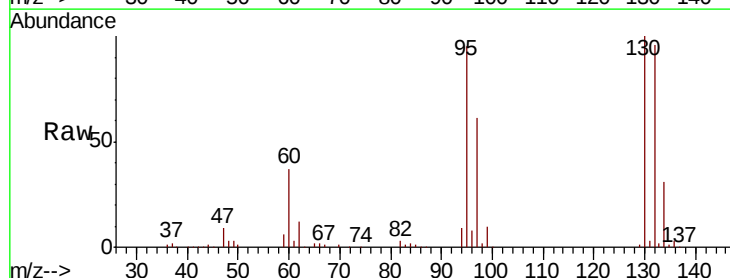
Tot Ion: 43 Resp: 315279
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.0 25.4
 87 14.3 11.4 17.2

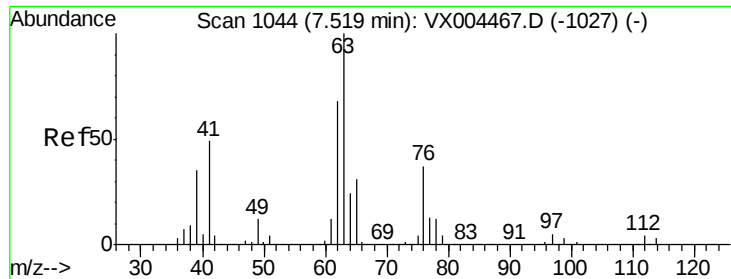


#44

Trichloroethene
 Concen: 46.68 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 130 Resp: 142294
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 181.6





#45

1,2-Dichloropropane

Concen: 49.03 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

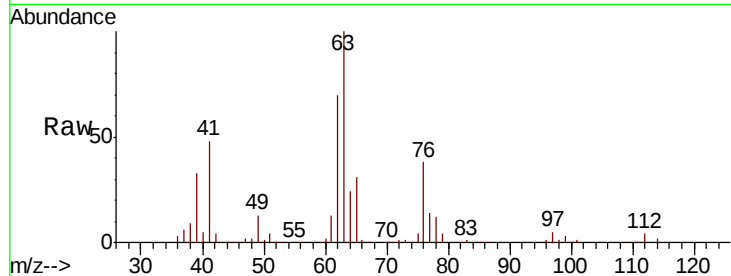
VSTDCCC050EC

Tot Ion: 63 Resp: 138425

Ion Ratio Lower Upper

63 100

65 31.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

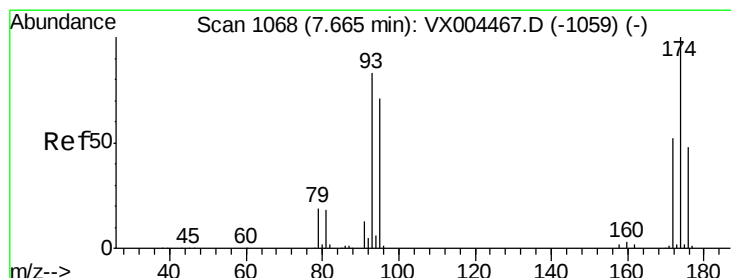
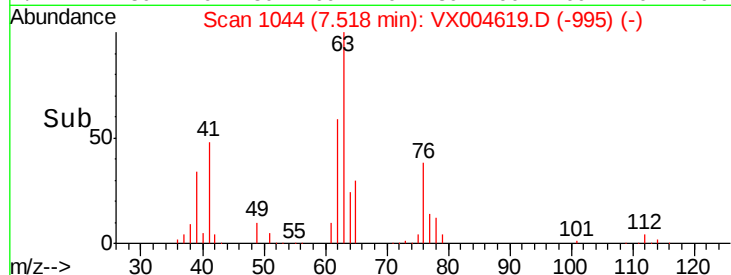
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.34 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

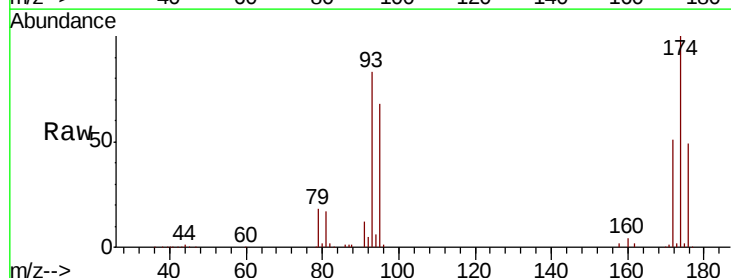
Tgt Ion: 93 Resp: 88015

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

174 118.8 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

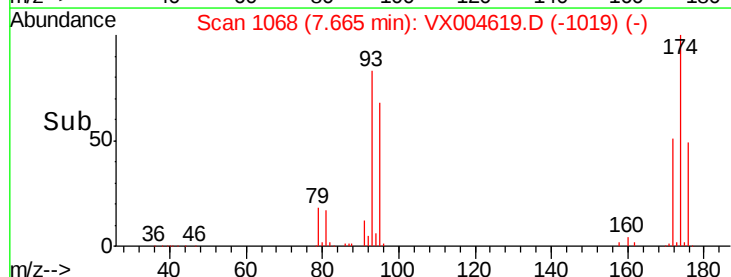
60000

40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.36 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

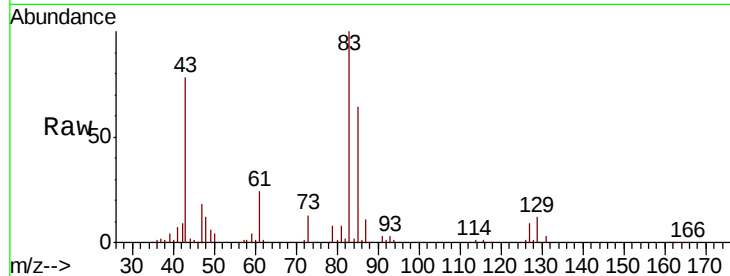
Tot Ion: 83 Resp: 166506

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

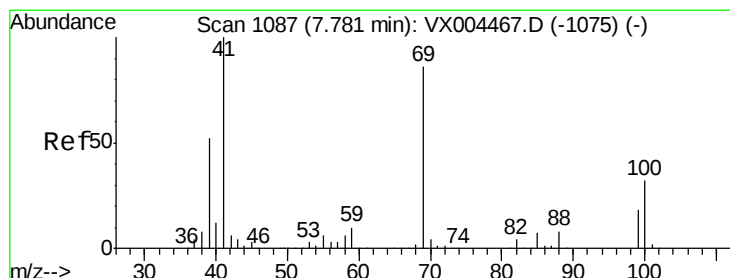
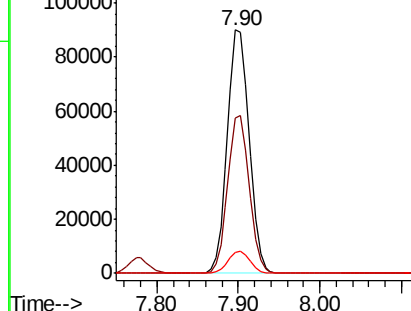
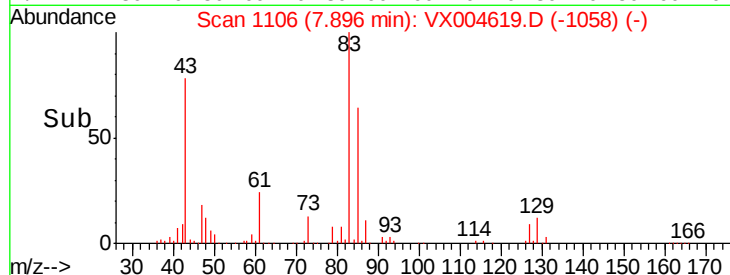
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.63 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

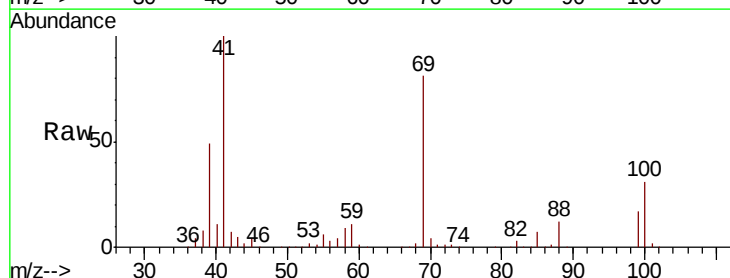
Tgt Ion: 41 Resp: 149697

Ion Ratio Lower Upper

41 100

69 86.6 70.2 105.4

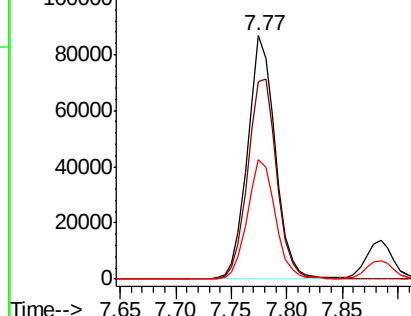
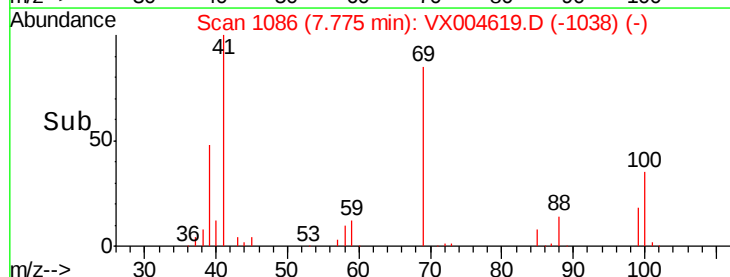
39 49.9 42.7 64.1

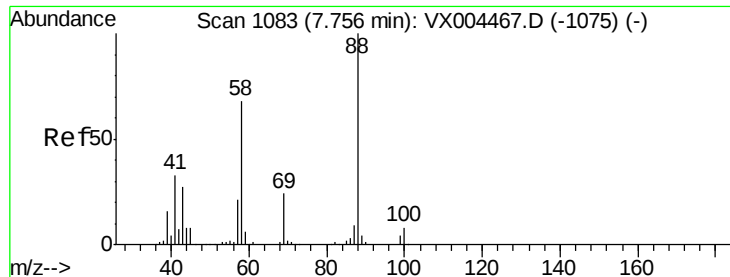


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1016.04 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

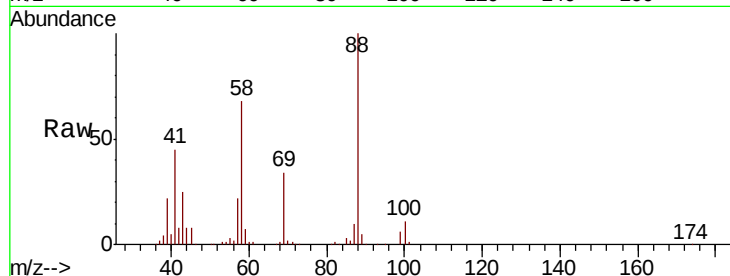
Tot Ion: 88 Resp: 71101

Ion Ratio Lower Upper

88 100

43 29.2 24.7 37.1

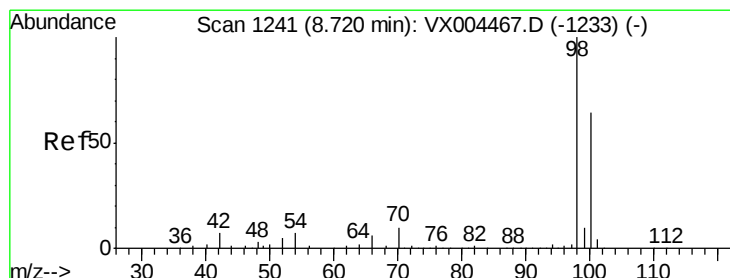
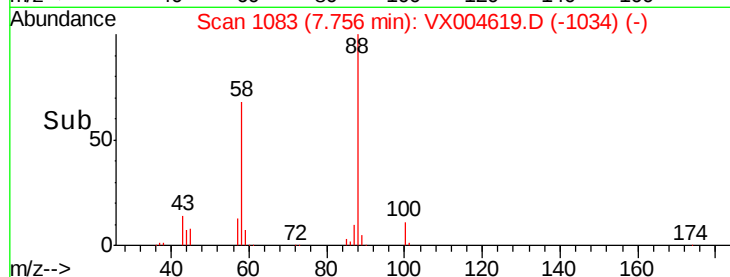
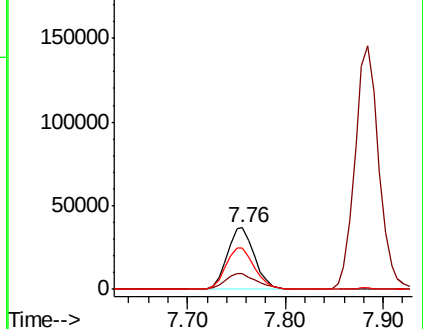
58 70.7 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.66 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004619.D

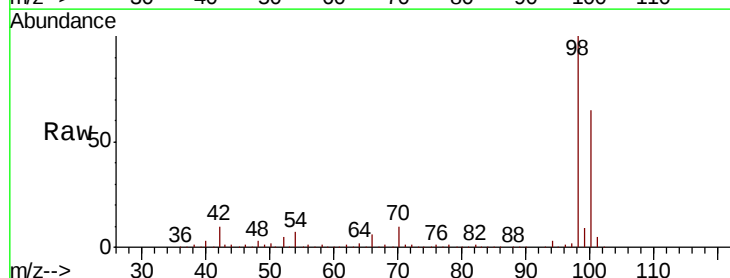
Acq: 16 Sep 2018 07:32

Tgt Ion: 98 Resp: 446434

Ion Ratio Lower Upper

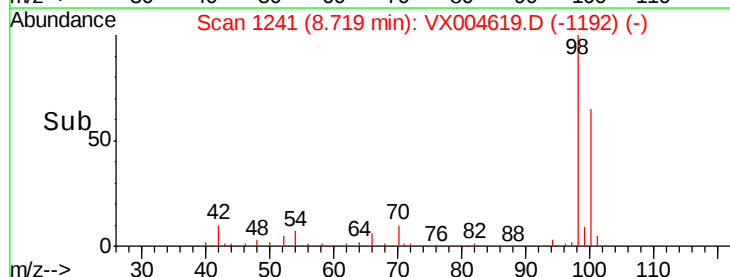
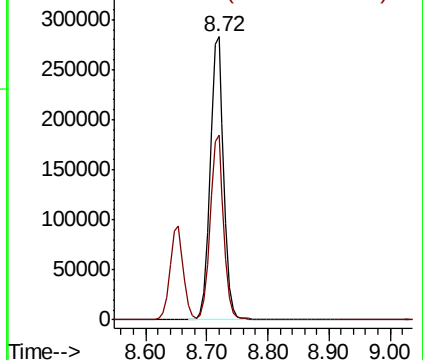
98 100

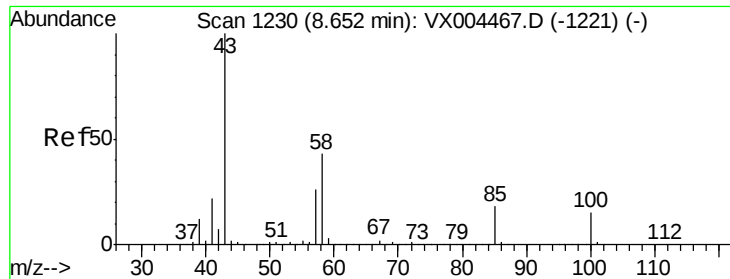
100 64.9 52.9 79.3



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: 225.36 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

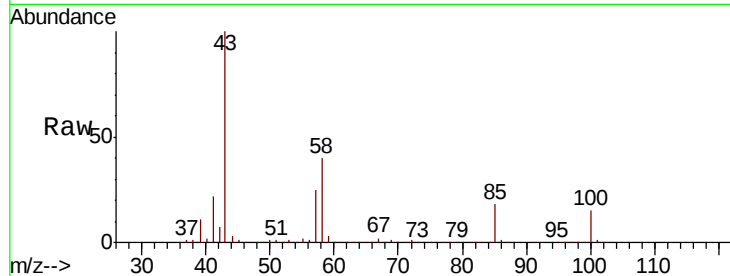
VSTDCCC050EC

Tot Ion: 43 Resp: 950138

Ion Ratio Lower Upper

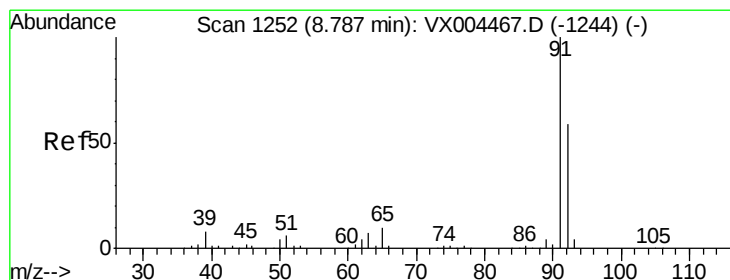
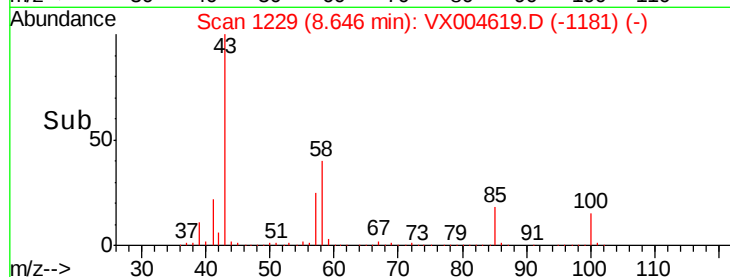
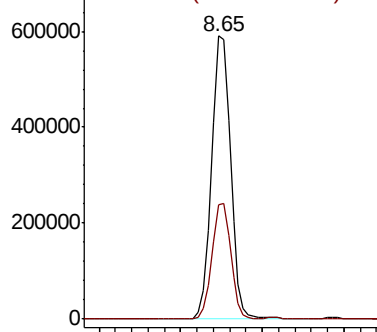
43 100

58 40.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.69 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004619.D

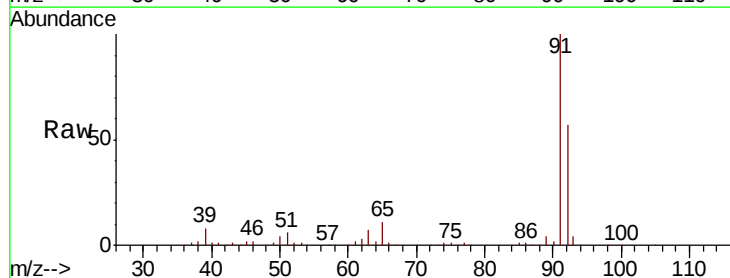
Acq: 16 Sep 2018 07:32

Tgt Ion: 92 Resp: 315891

Ion Ratio Lower Upper

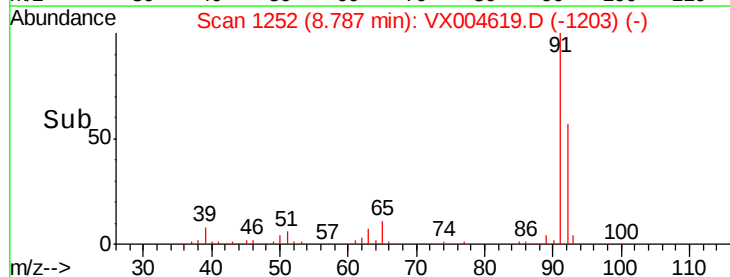
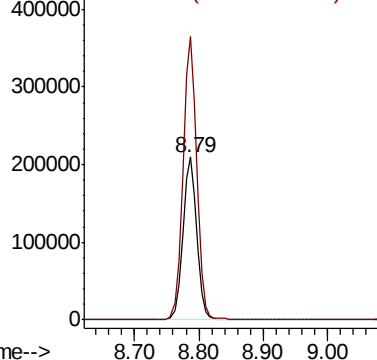
92 100

91 173.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

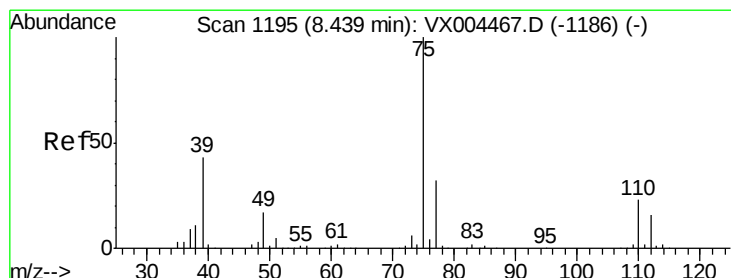
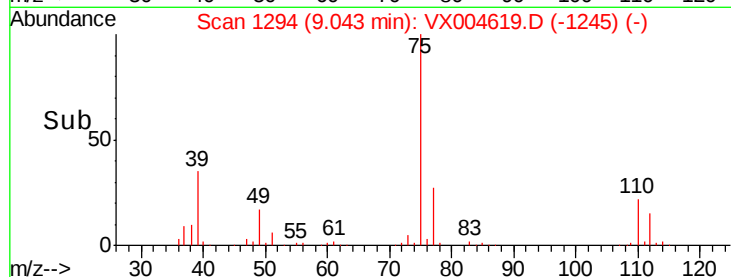
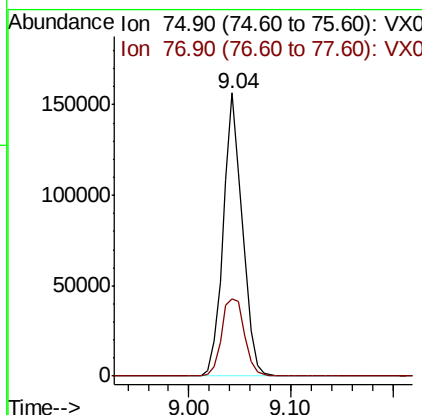
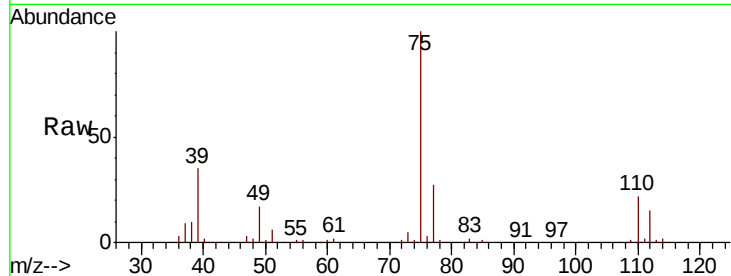




#53
 t-1,3-Dichloropropene
 Concen: 51.69 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

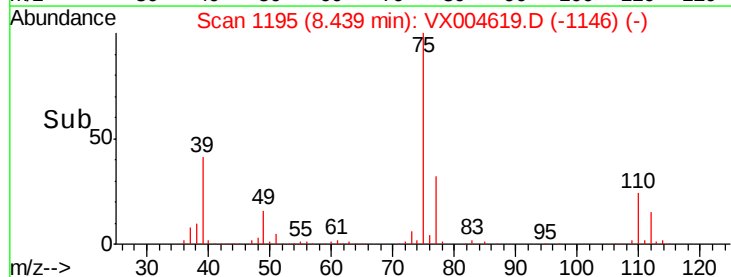
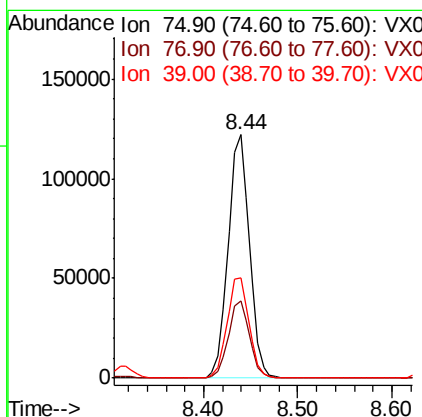
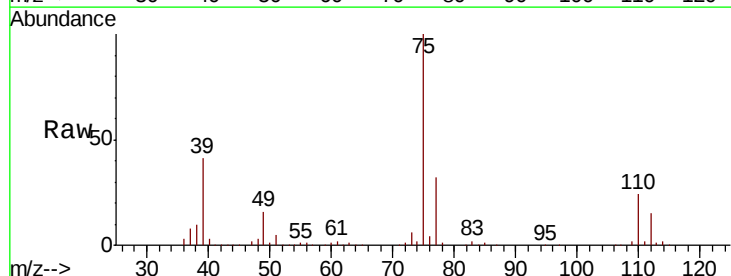
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

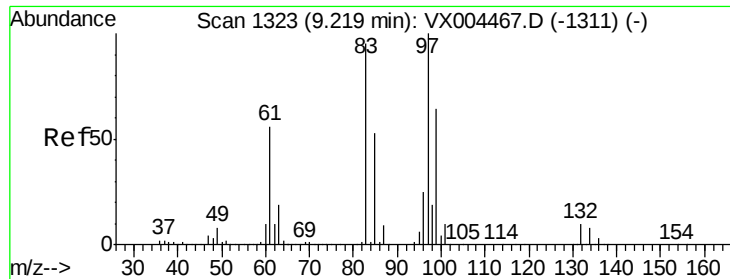
Tot Ion: 75 Resp: 203686
 Ion Ratio Lower Upper
 75 100
 77 27.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.56 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 75 Resp: 191045
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 41.0 36.4 54.6



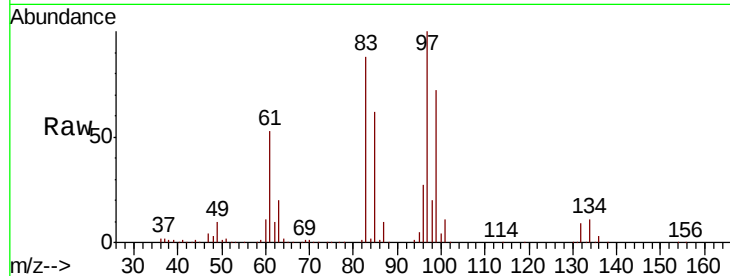


#55
 1,1,2-Trichloroethane
 Concen: 54.01 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 160778

Ion	Ratio	Lower	Upper
97	100		
83	88.0	66.4	99.6
85	62.0	43.3	64.9
99	72.0	49.0	73.4



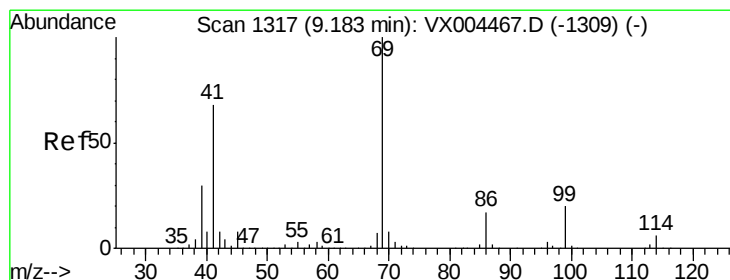
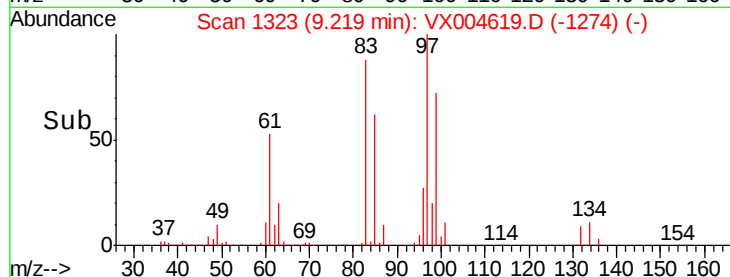
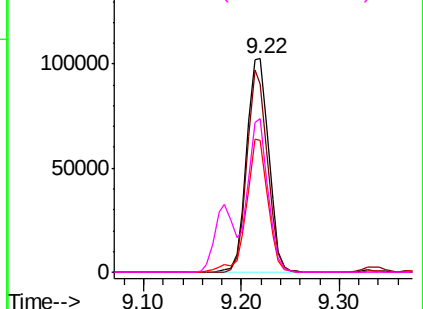
Abundance

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

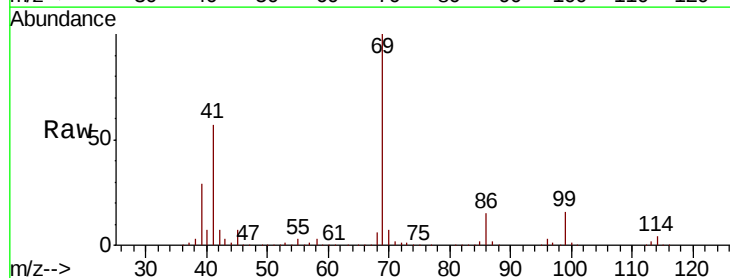
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 59.35 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 69 Resp: 249952

Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.0	76.4
39	30.3	26.1	39.1

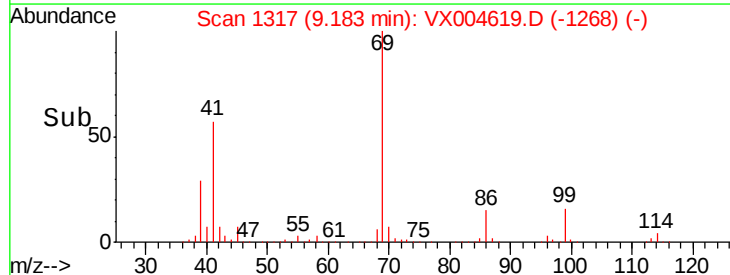
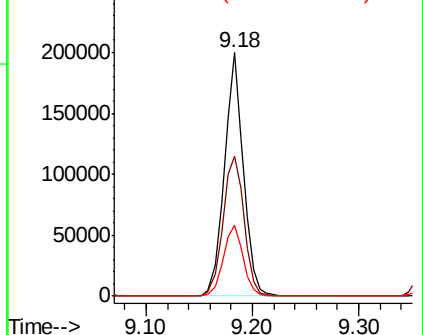


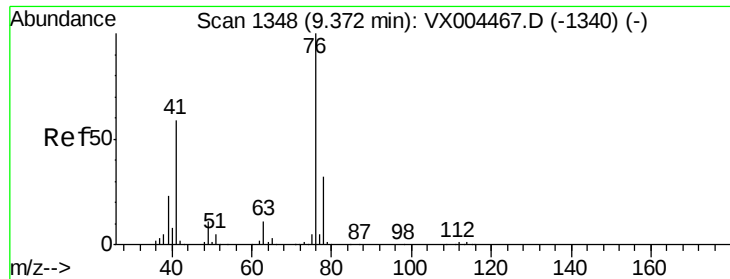
Abundance

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

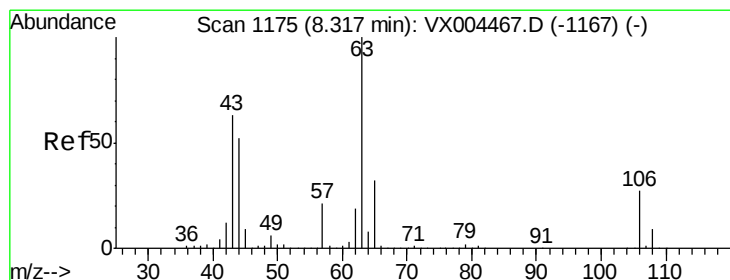
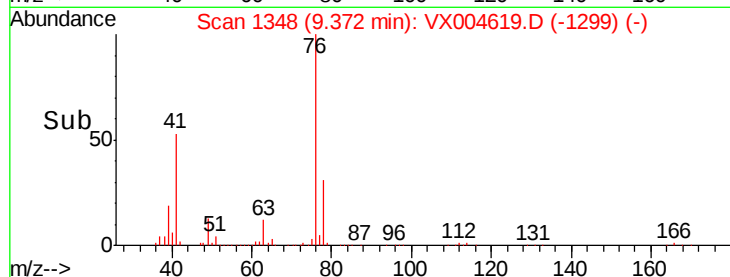
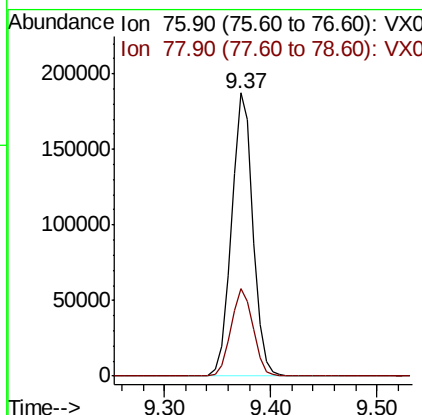
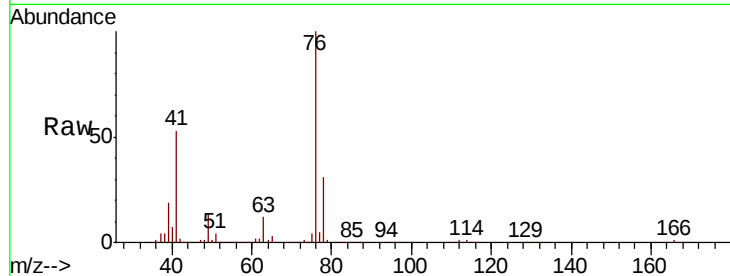




#57
 1,3-Dichloropropane
 Concen: 54.39 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

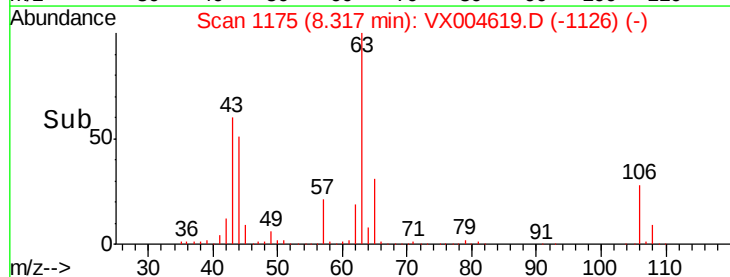
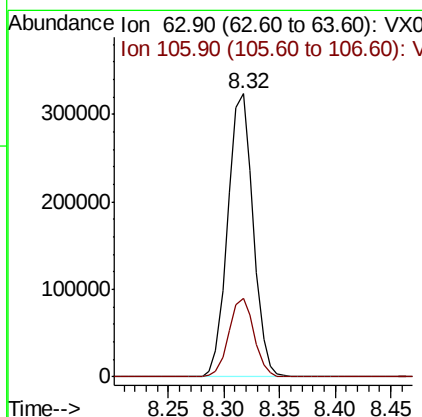
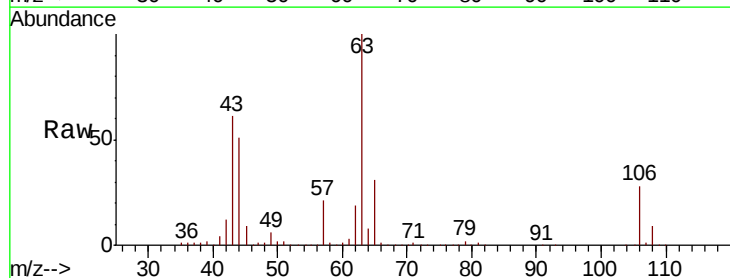
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

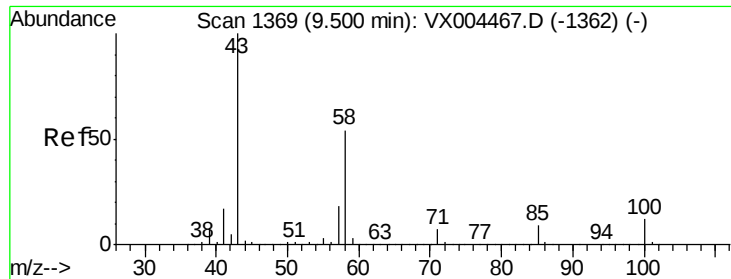
Tot Ion: 76 Resp: 263087
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.90 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion: 63 Resp: 511865
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.9 35.9

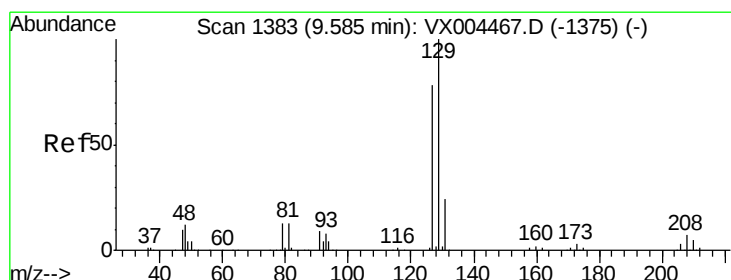
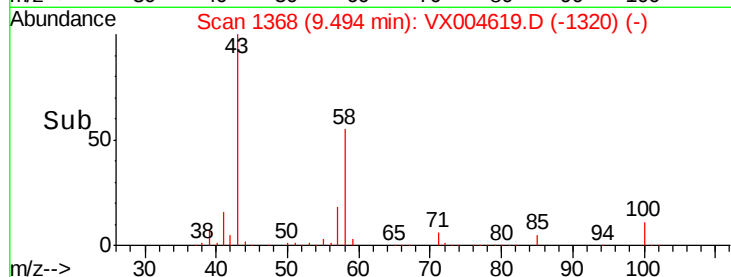
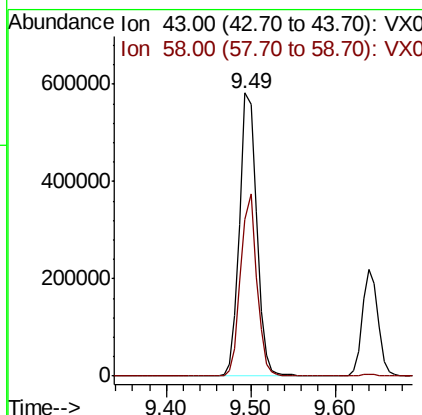
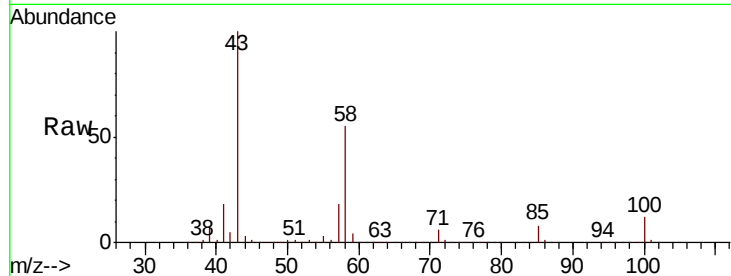




#59
2-Hexanone
Concen: 243.89 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

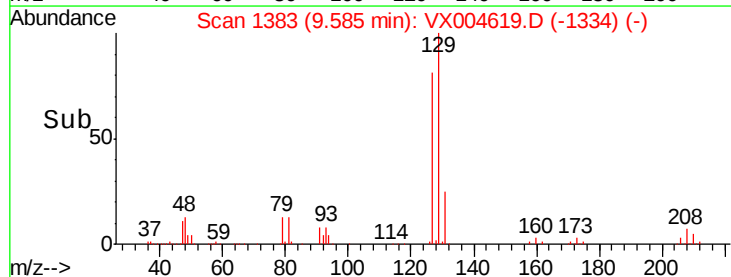
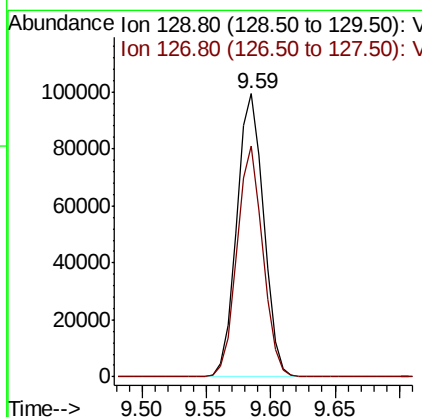
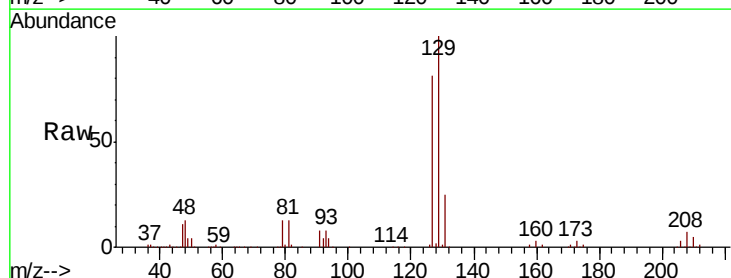
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

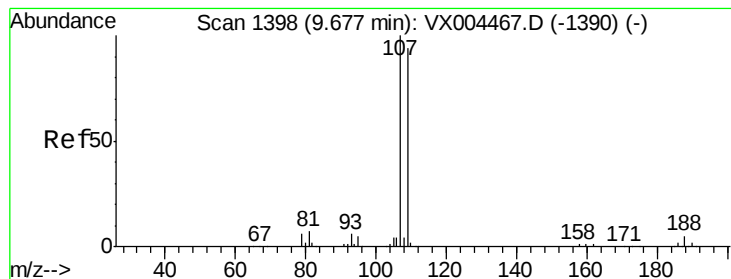
Tot Ion: 43 Resp: 788711
Ion Ratio Lower Upper
43 100
58 60.6 29.0 87.0



#60
Dibromochloromethane
Concen: 51.44 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:129 Resp: 144173
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.71 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

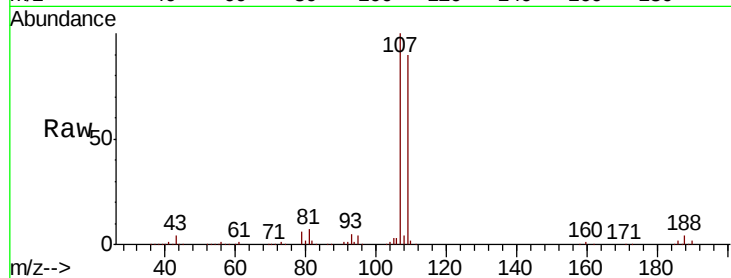
VSTDCCC050EC

Tot Ion:107 Resp: 141356

Ion Ratio Lower Upper

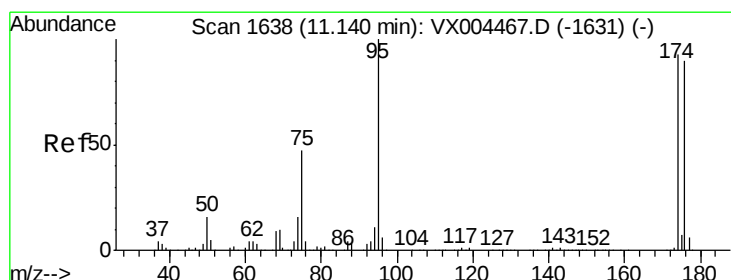
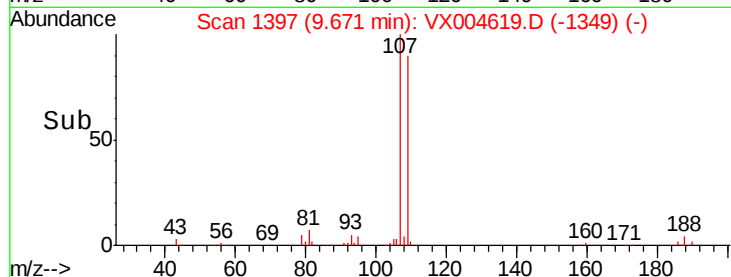
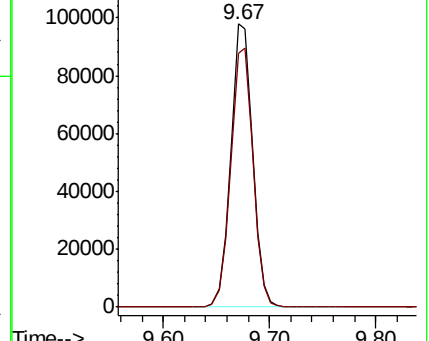
107 100

109 93.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.86 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

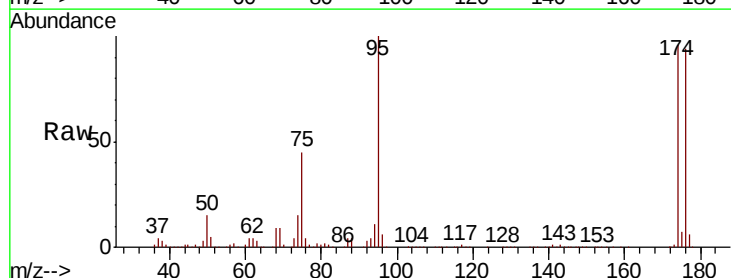
Tgt Ion: 95 Resp: 163647

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

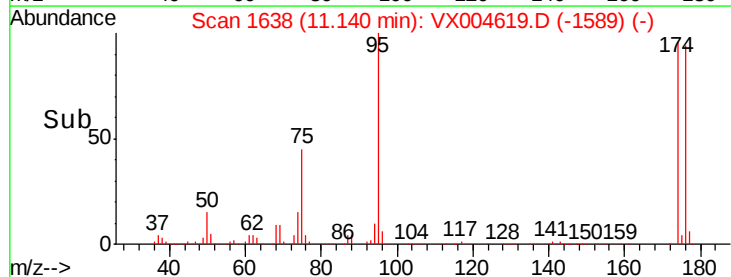
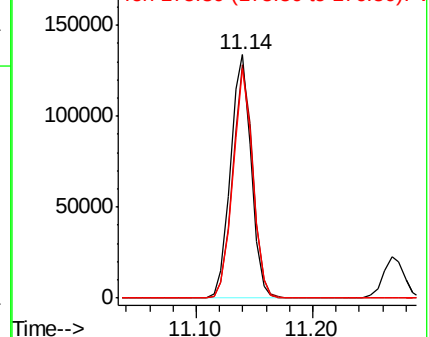
176 91.2 0.0 178.6

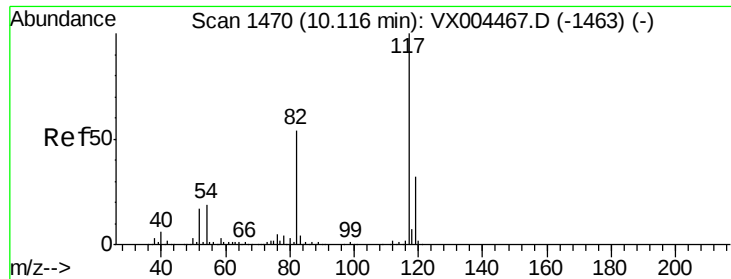


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

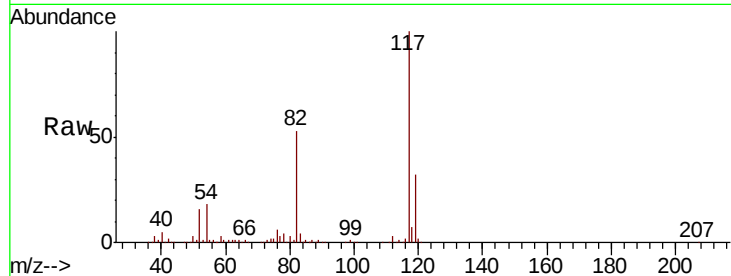




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.8	71.6
119	32.3	29.3	43.9

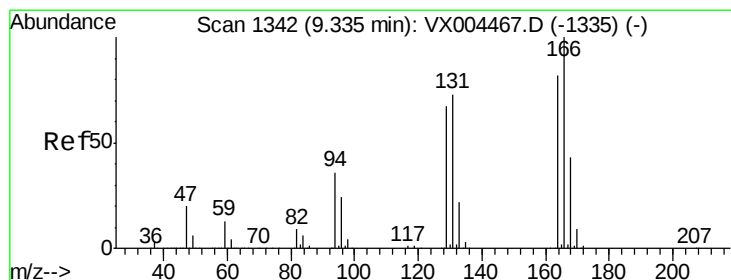
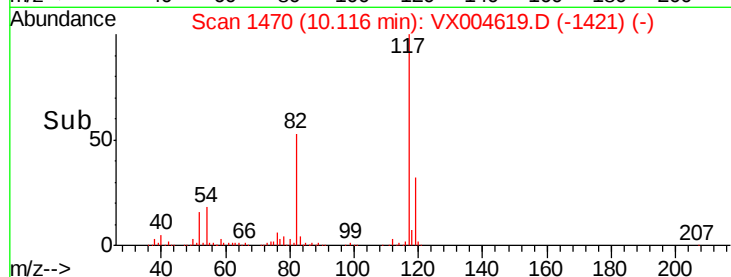
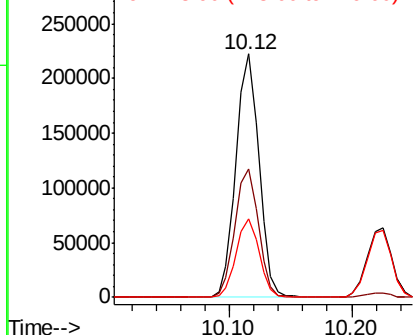


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.04 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.8	154.2
129	94.6	69.4	104.0
131	87.2	67.9	101.9

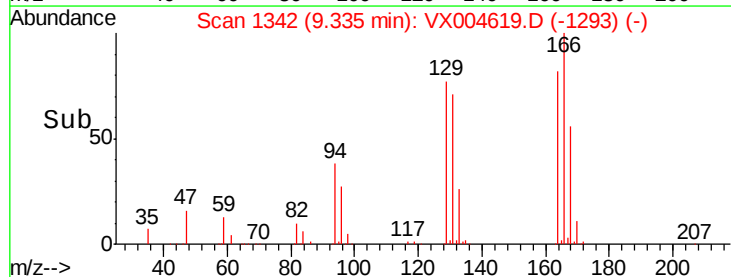
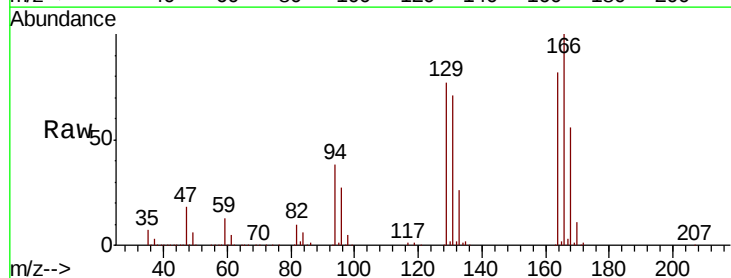
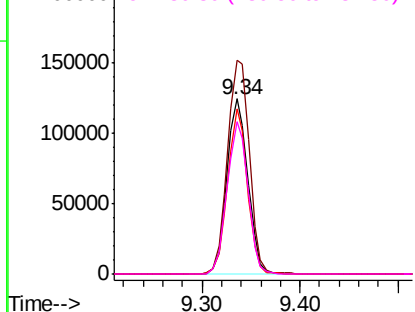
Abundance

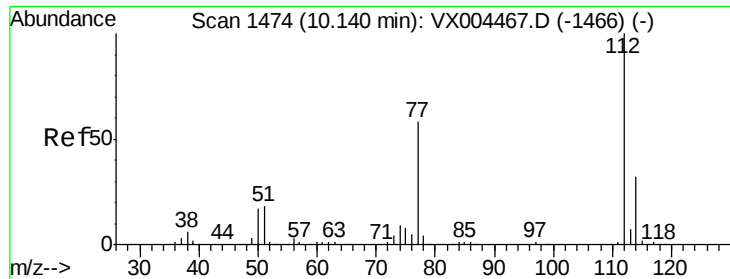
Ion 163.80 (163.50 to 164.50): V

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

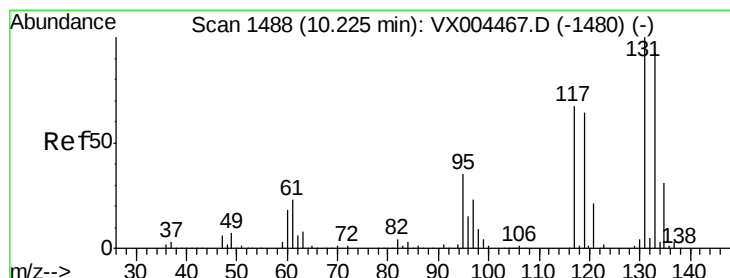
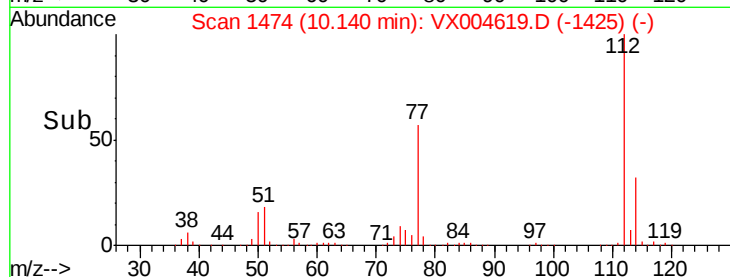
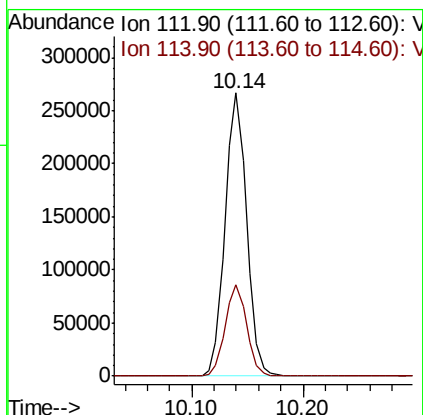
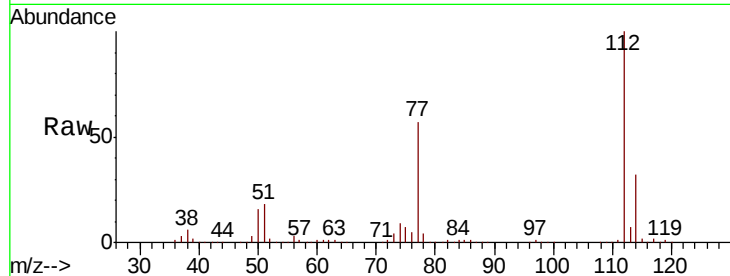




#65
Chlorobenzene
Concen: 49.65 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

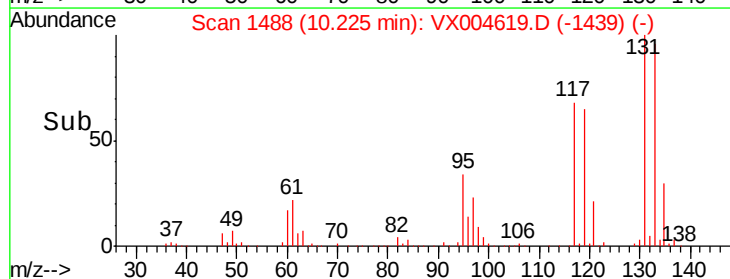
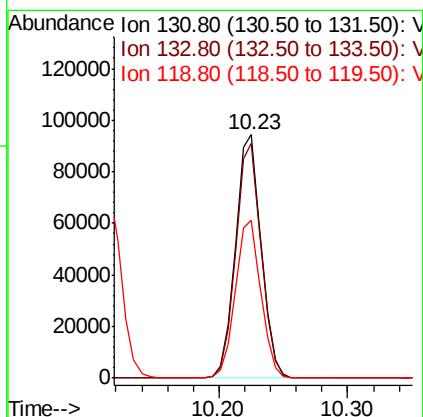
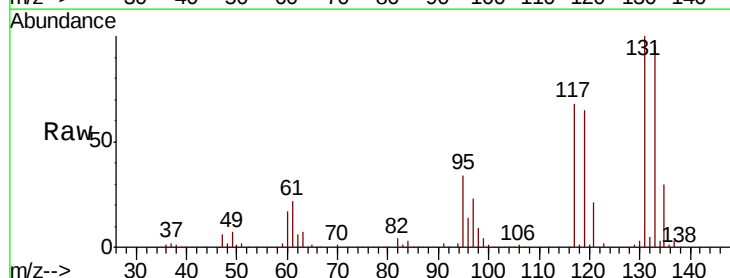
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

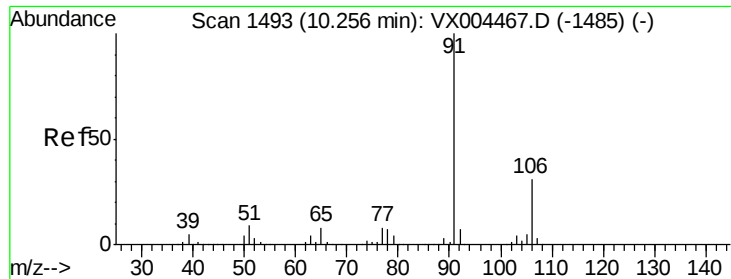
Tot Ion:112 Resp: 357707
Ion Ratio Lower Upper
112 100
114 32.2 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.46 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:131 Resp: 130341
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 65.1 32.9 98.6

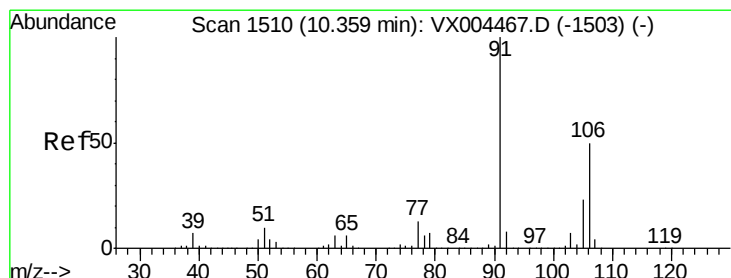
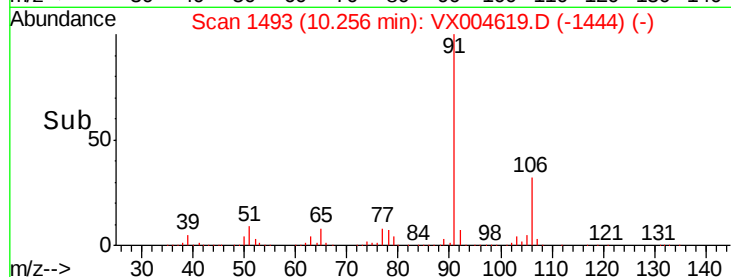
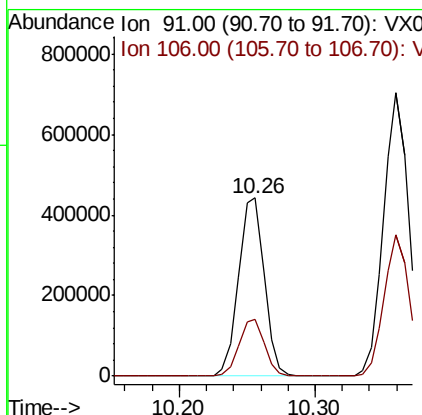
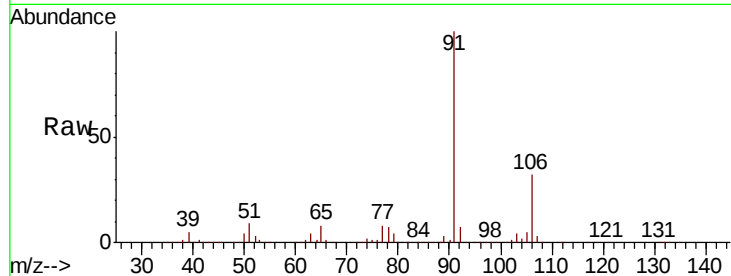




#67
Ethyl Benzene
Concen: 49.87 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

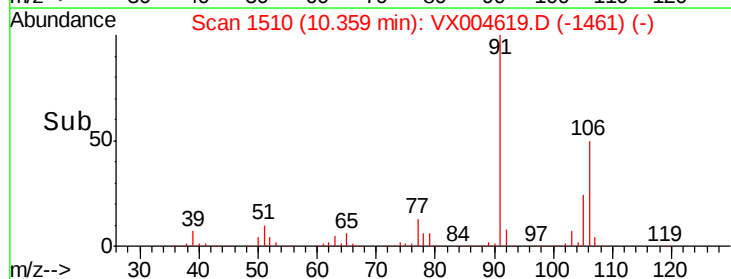
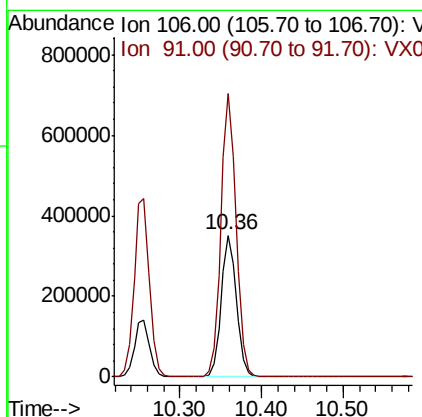
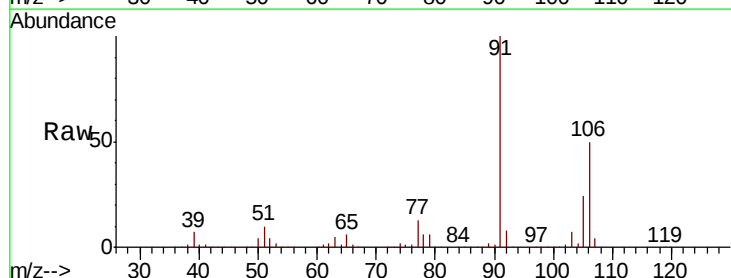
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

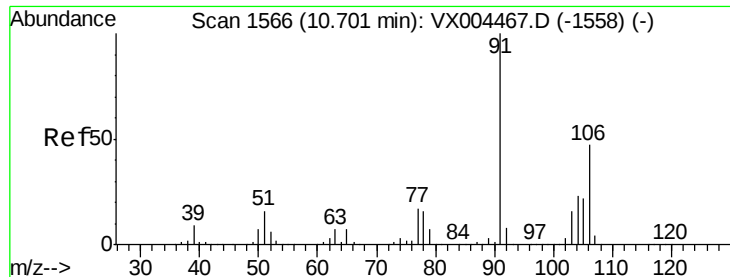
Tot Ion: 91 Resp: 584184
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 101.42 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 106 Resp: 457669
Ion Ratio Lower Upper
106 100
91 199.8 157.1 235.7

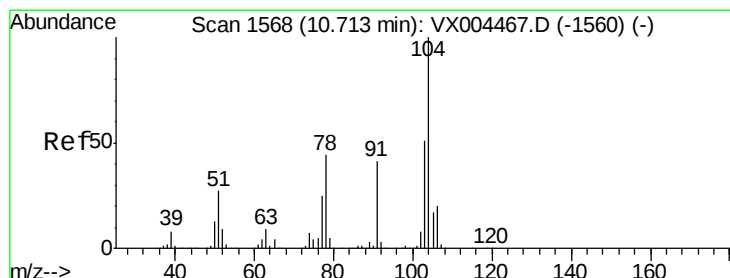
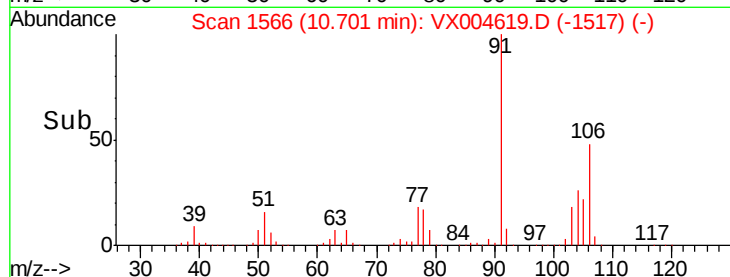
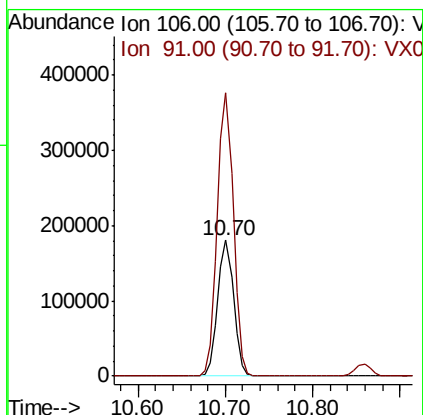
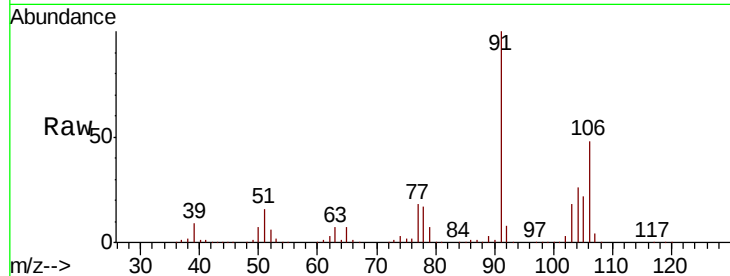




#69
o-Xylene
Concen: 52.46 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

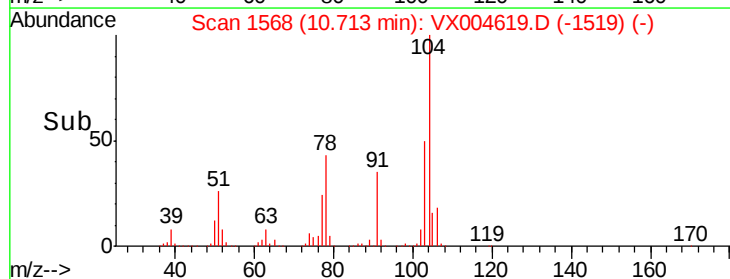
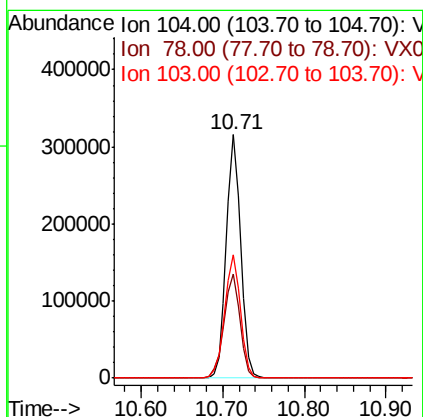
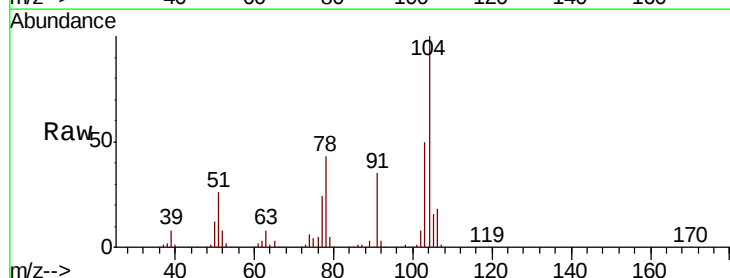
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 227573
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.1



#70
Styrene
Concen: 53.76 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:104 Resp: 386412
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 55.3 43.8 65.6

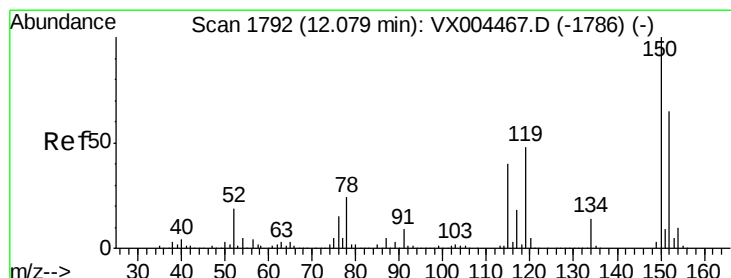
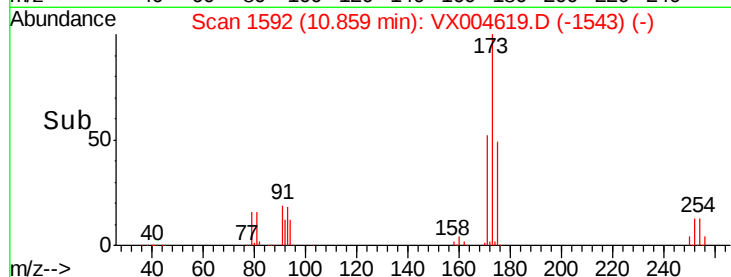
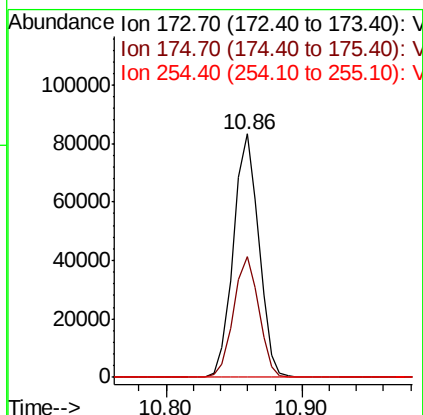
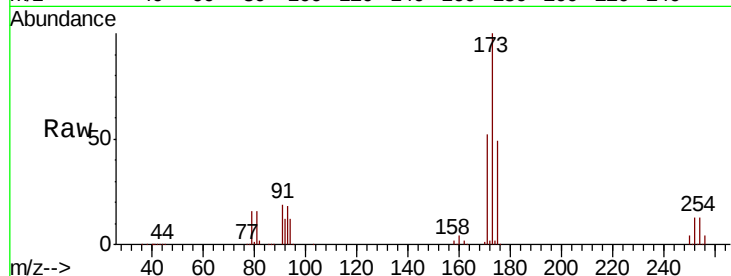




#71
Bromoform
Concen: 53.02 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

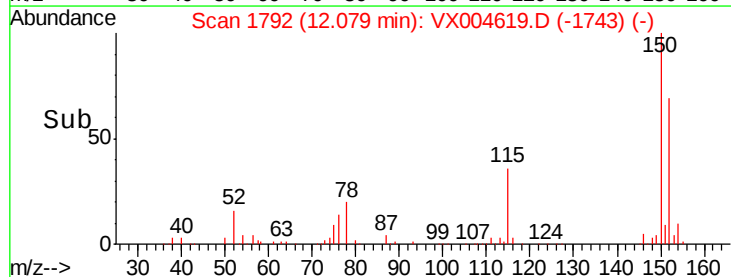
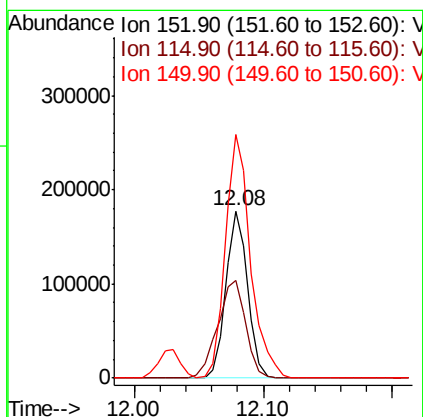
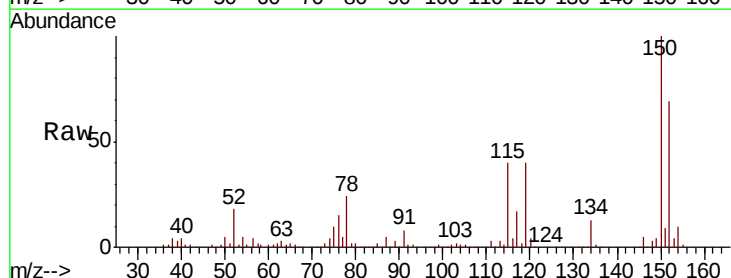
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

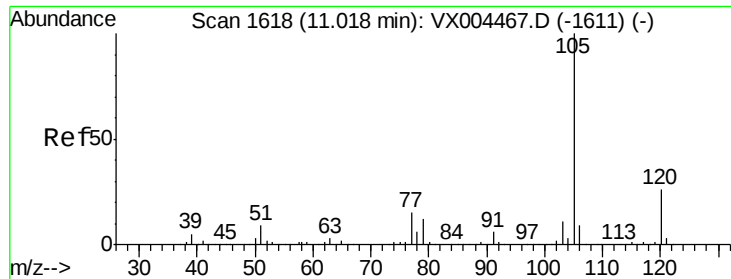
Tot Ion:173 Resp: 108160
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:152 Resp: 210192
Ion Ratio Lower Upper
152 100
115 75.2 39.0 117.0
150 168.7 0.0 351.0





#73

Isopropylbenzene

Concen: 42.37 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

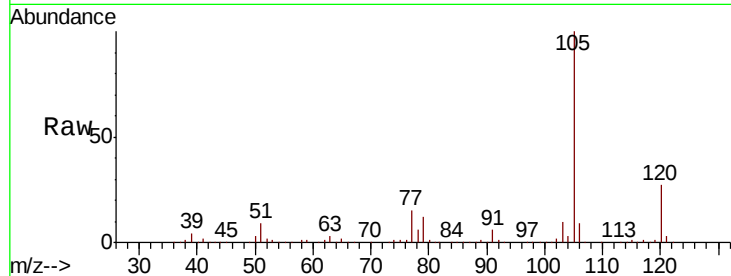
VSTDCCC050EC

Tot Ion:105 Resp: 586598

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

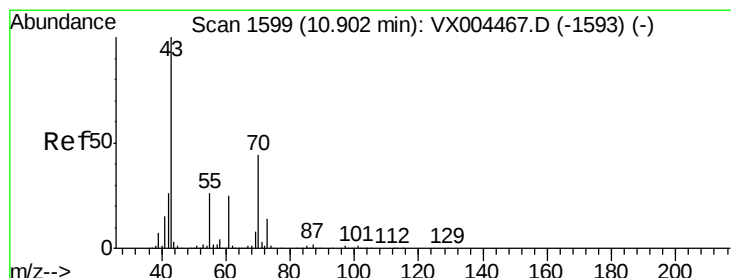
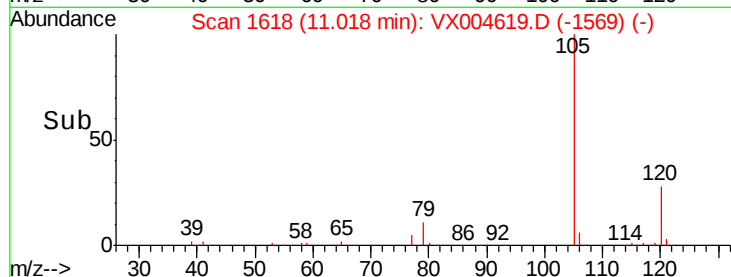
200000

100000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 45.27 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion: 43 Resp: 263748

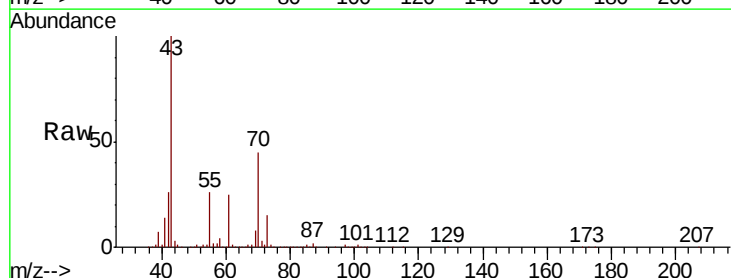
Ion Ratio Lower Upper

43 100

70 44.0 37.4 56.0

55 26.1 21.8 32.8

61 25.2 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

300000

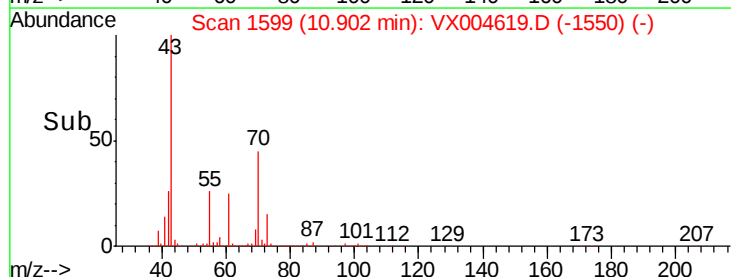
200000

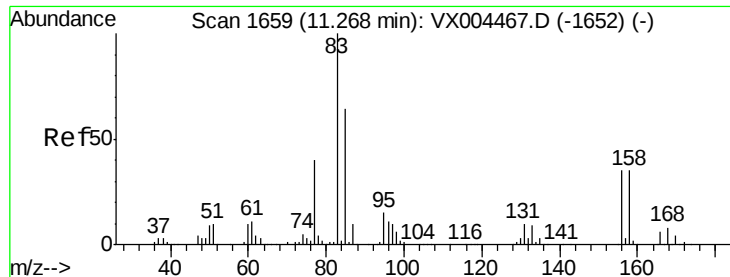
100000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.14 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

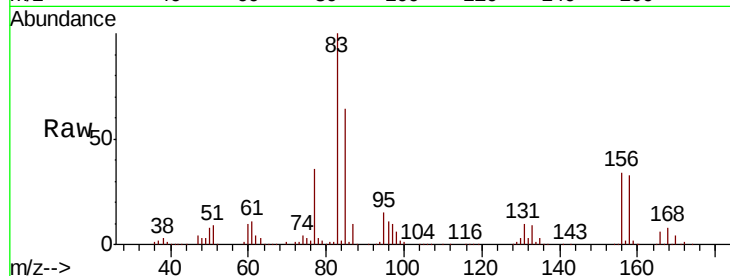
Tot Ion: 83 Resp: 192644

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

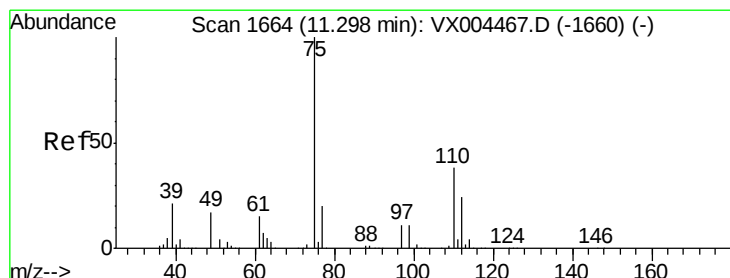
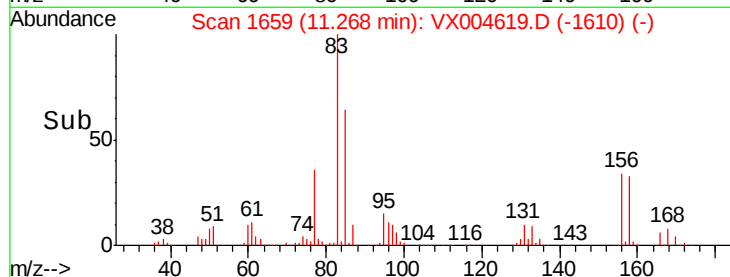
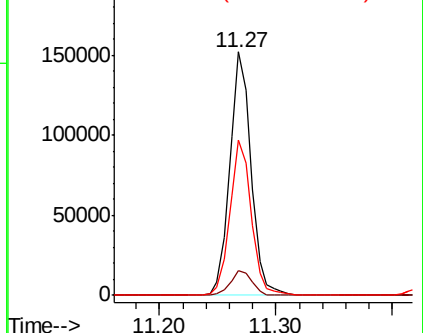
85 64.2 32.3 96.8



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: 51.72 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004619.D

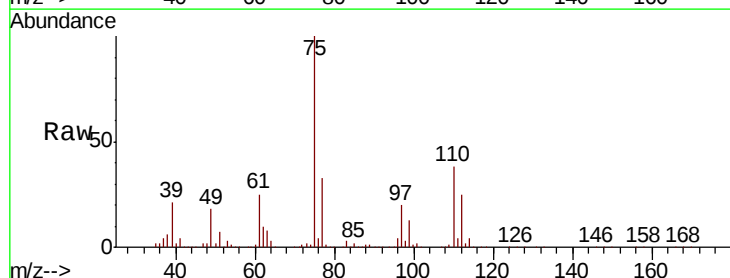
Acq: 16 Sep 2018 07:32

Tgt Ion: 75 Resp: 218711

Ion Ratio Lower Upper

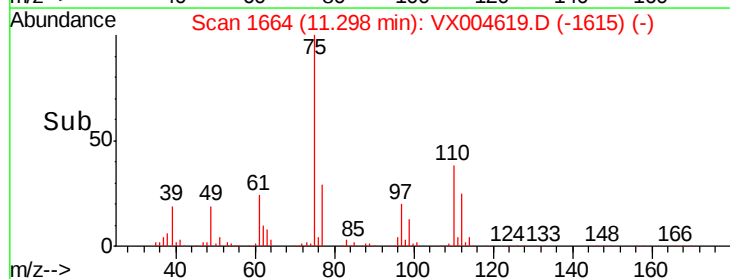
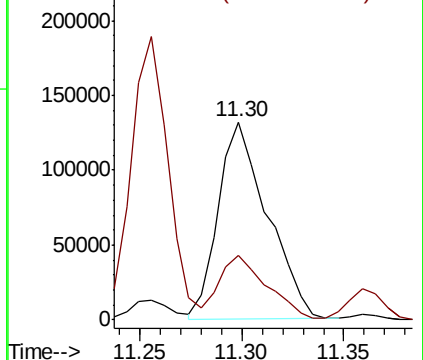
75 100

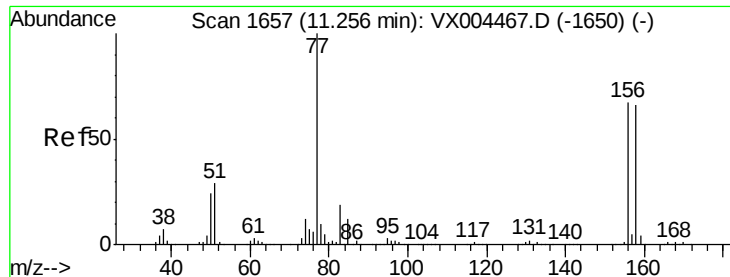
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.50 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

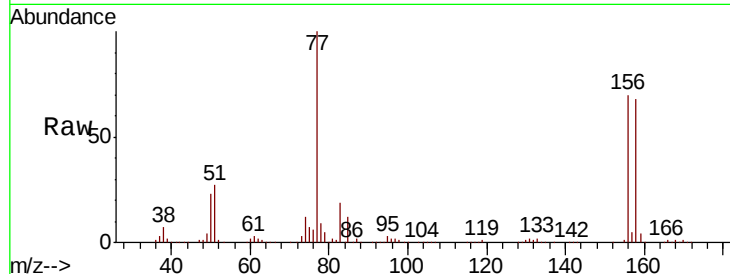
Tot Ion:156 Resp: 166456

Ion Ratio Lower Upper

156 100

77 143.8 71.5 214.3

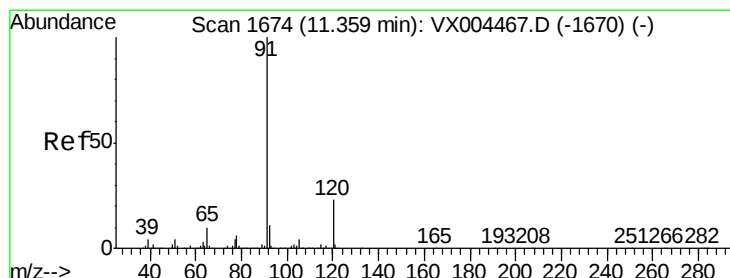
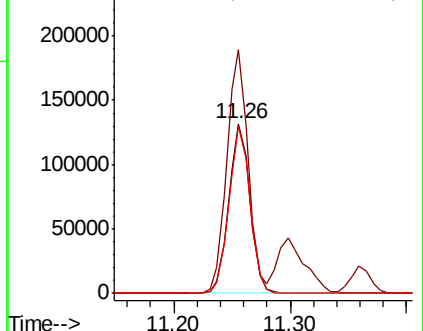
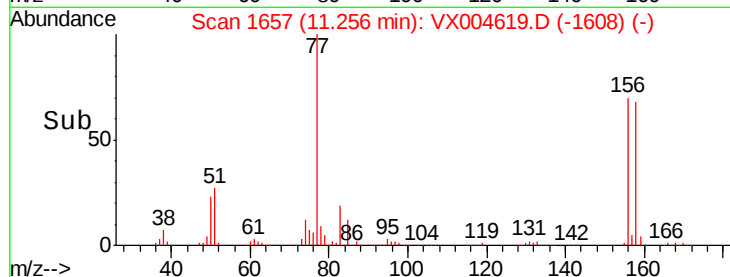
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.51 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004619.D

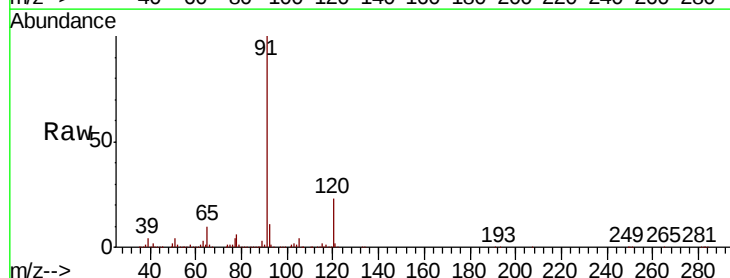
Acq: 16 Sep 2018 07:32

Tgt Ion: 91 Resp: 660777

Ion Ratio Lower Upper

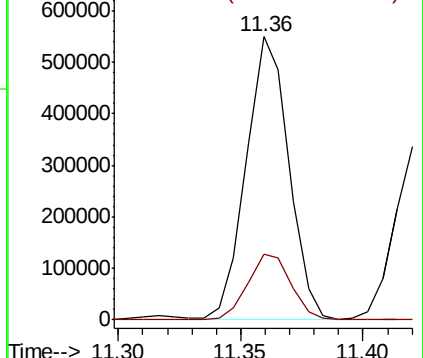
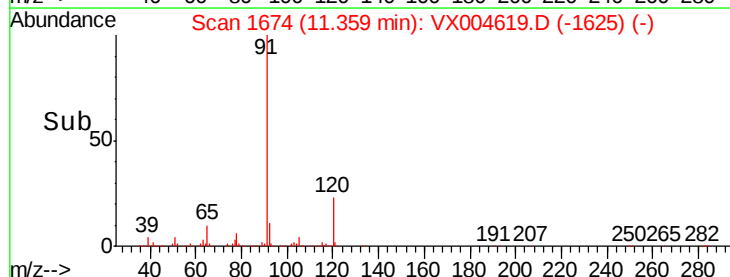
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

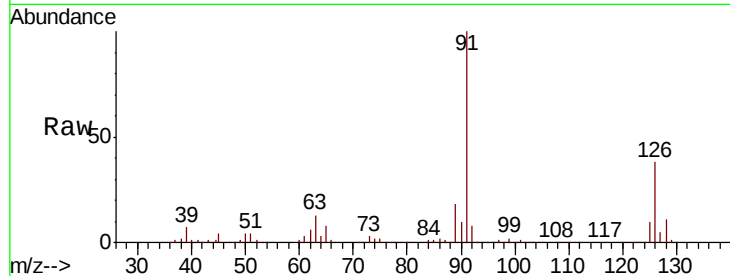




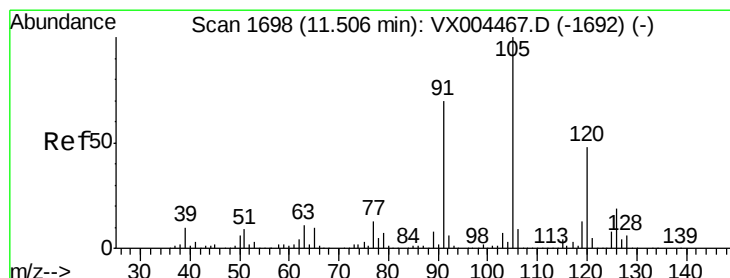
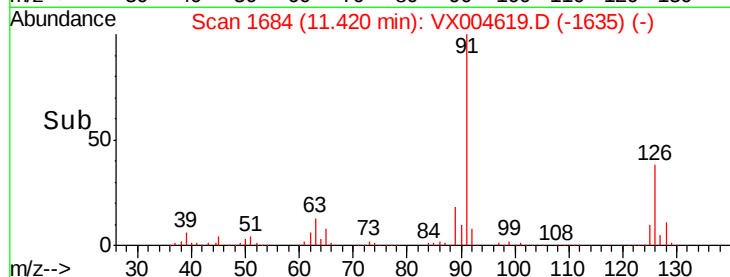
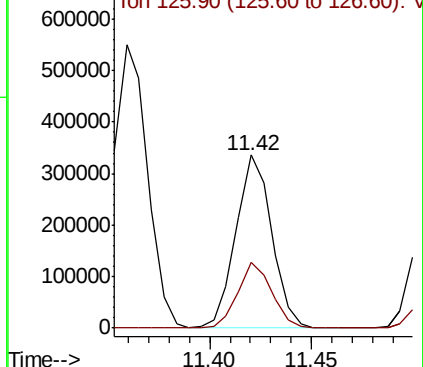
#79
 2-Chlorotoluene
 Concen: 42.16 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 406975
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.7

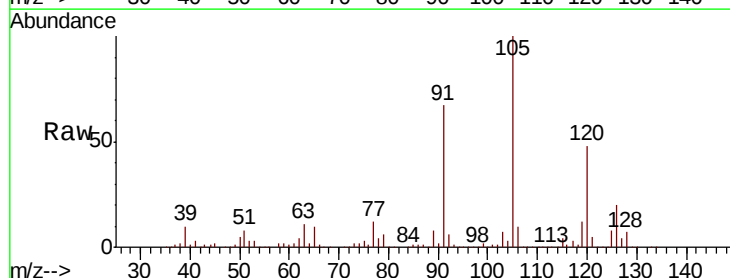


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

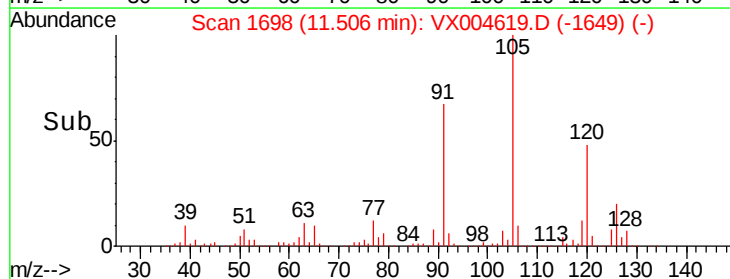
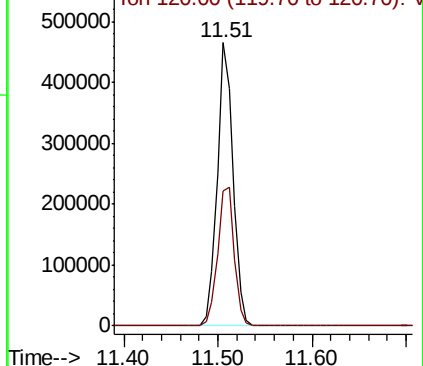


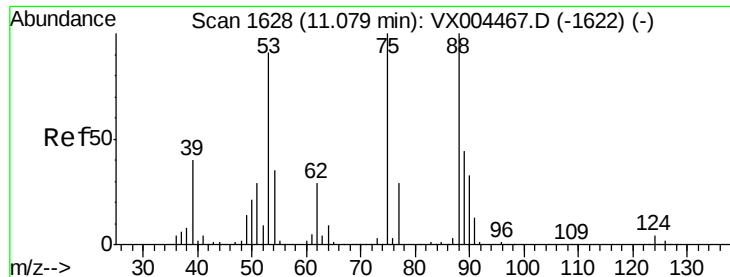
#80
 1,3,5-Trimethylbenzene
 Concen: 46.52 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion:105 Resp: 541340
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.6 76.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 37.65 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

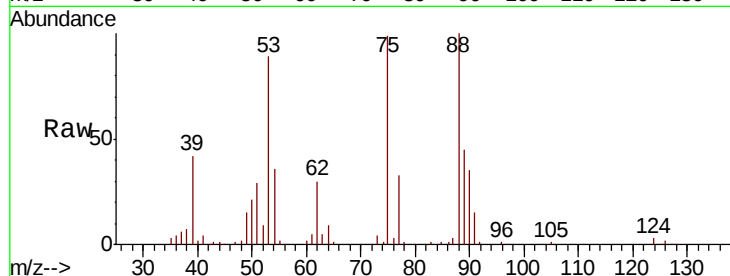
Tot Ion: 75 Resp: 49955

Ion Ratio Lower Upper

75 100

53 93.6 80.1 120.1

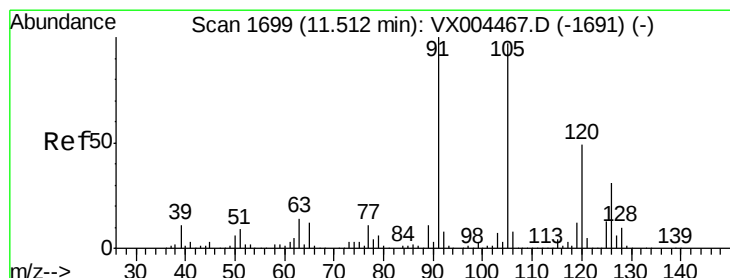
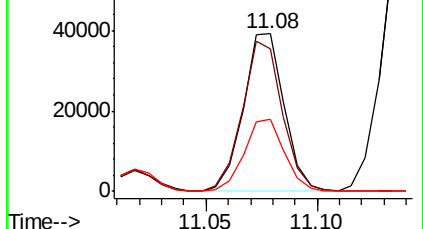
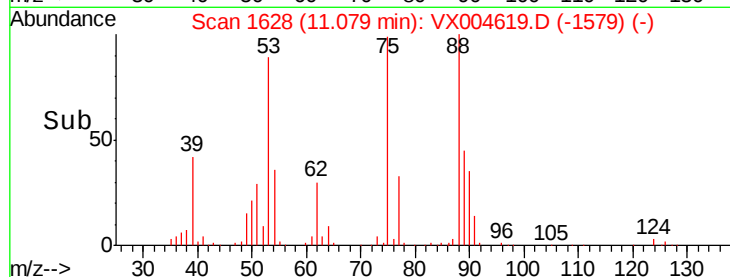
89 45.5 37.2 55.8



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: 44.89 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004619.D

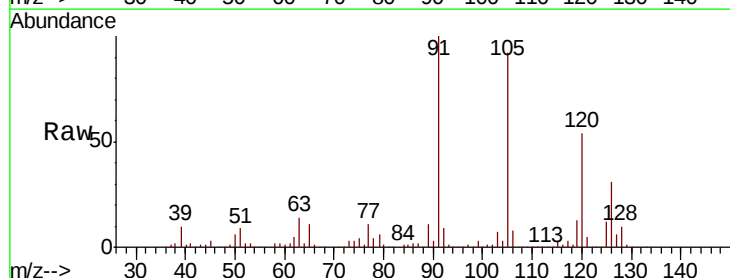
Acq: 16 Sep 2018 07:32

Tgt Ion: 91 Resp: 505821

Ion Ratio Lower Upper

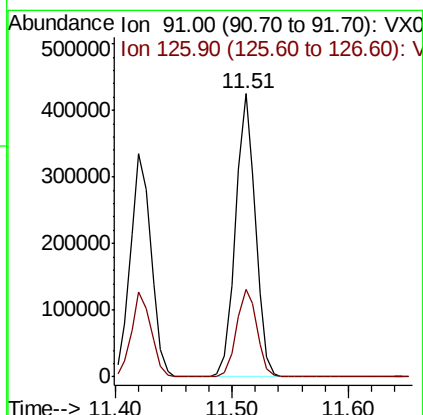
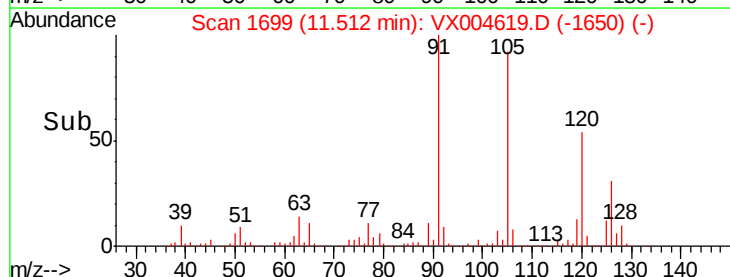
91 100

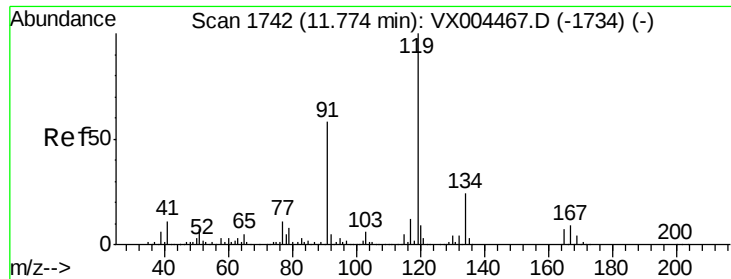
126 32.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

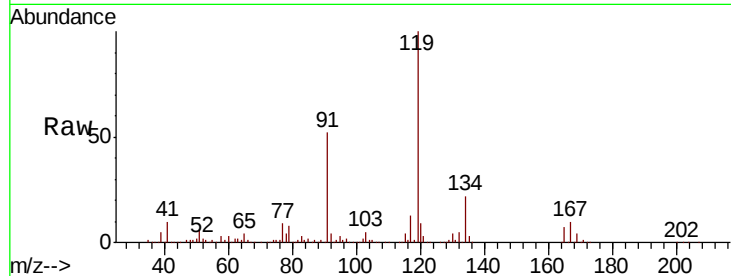




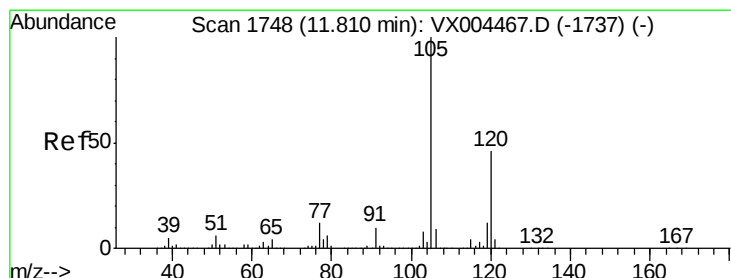
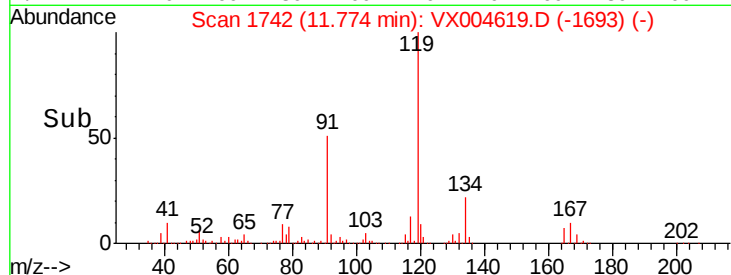
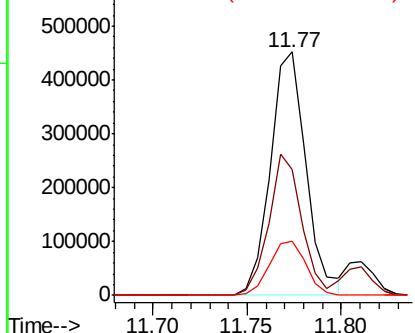
#83
 tert-Butylbenzene
 Concen: 53.46 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 592308
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.0 81.0
 134 22.8 11.7 35.1

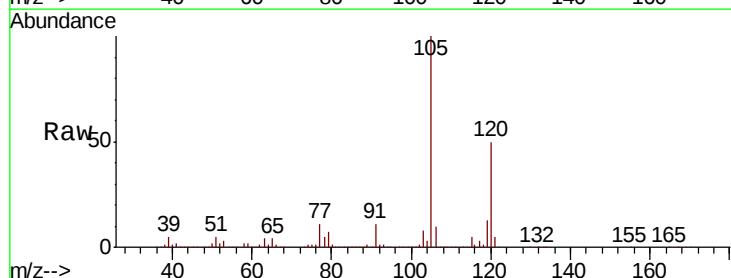


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

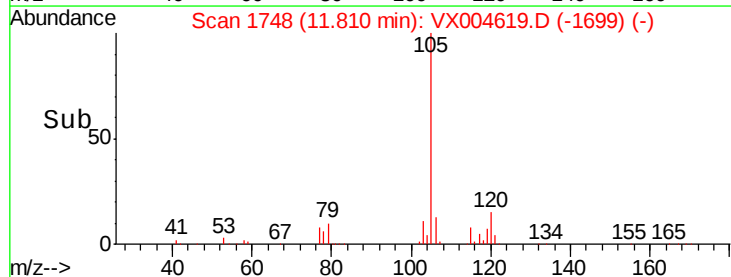
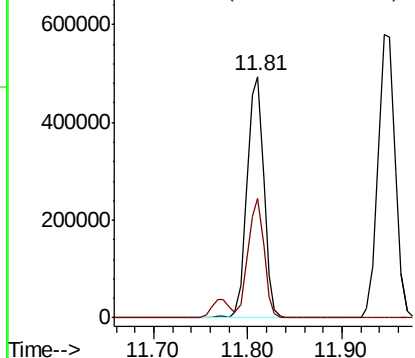


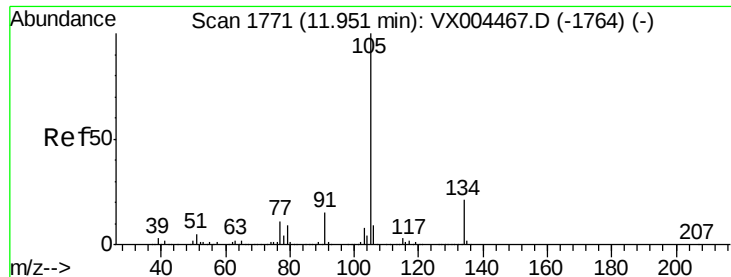
#84
 1,2,4-Trimethylbenzene
 Concen: 51.70 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion:105 Resp: 614244
 Ion Ratio Lower Upper
 105 100
 120 46.9 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: 52.05 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

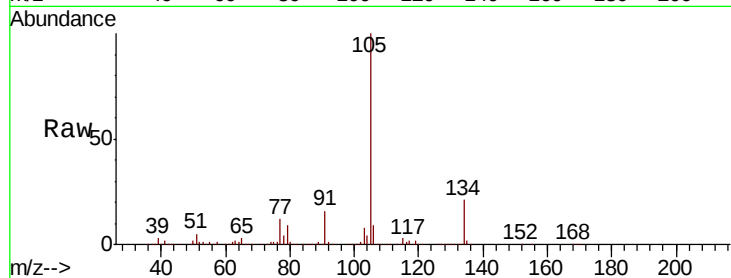
VSTDCCC050EC

Tot Ion:105 Resp: 734794

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

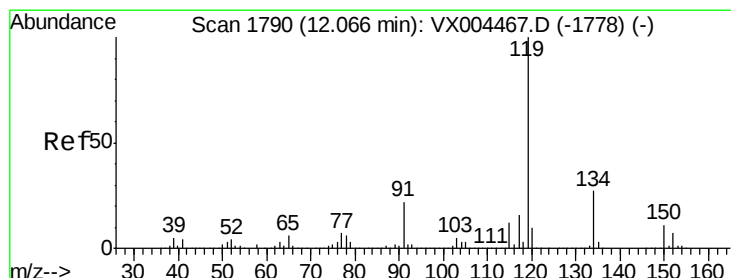
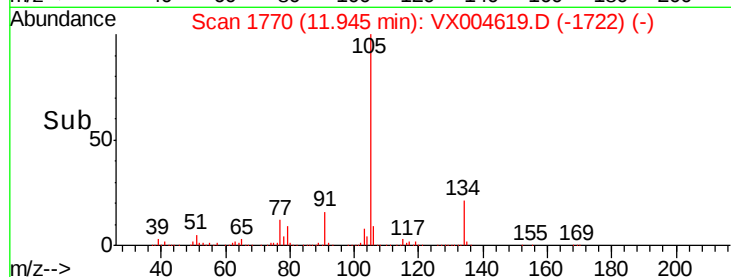
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.16 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

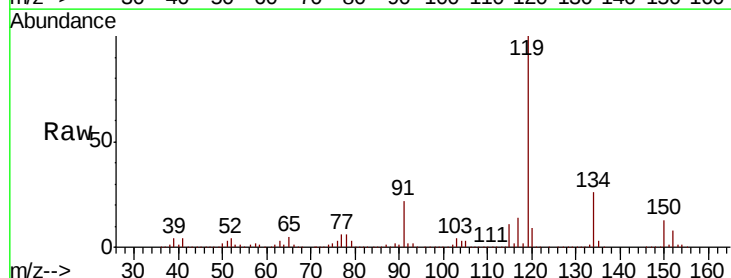
Tgt Ion:119 Resp: 625360

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.4 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

12.07

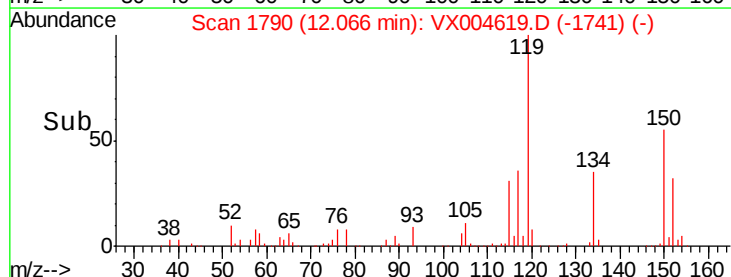
600000

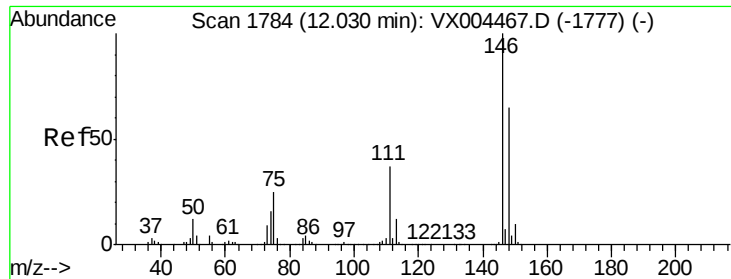
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.06 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

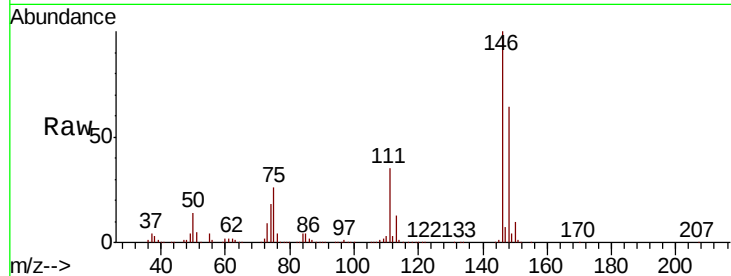
Tot Ion:146 Resp: 350213

Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

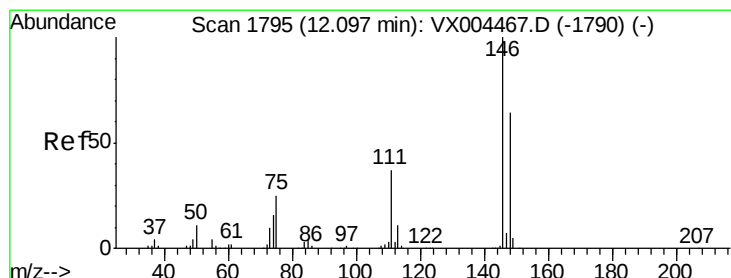
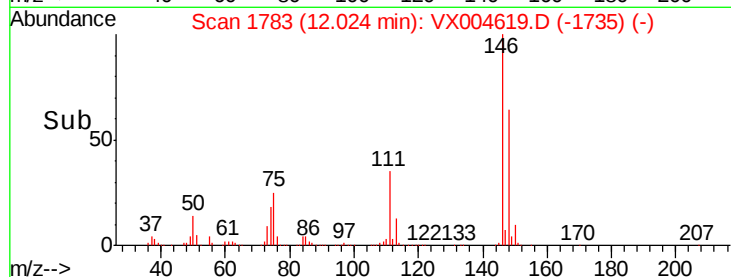
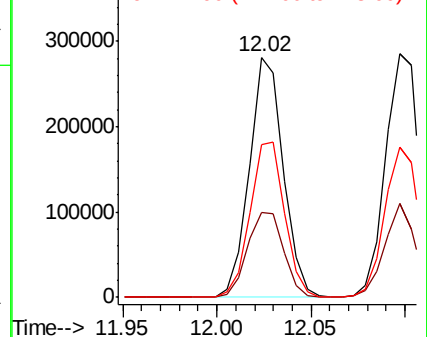
148 66.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.62 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

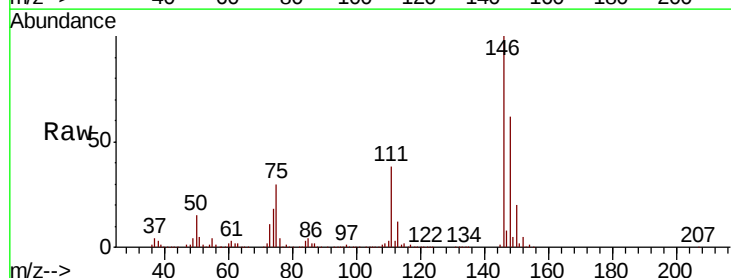
Tgt Ion:146 Resp: 358624

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.1

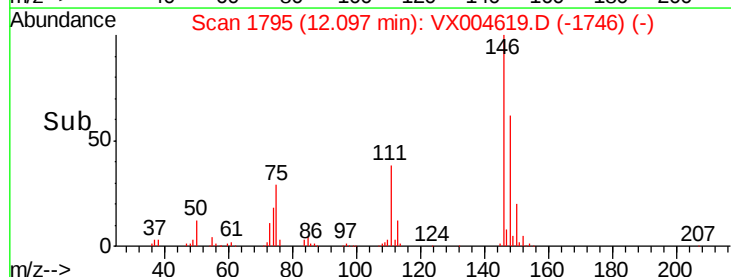
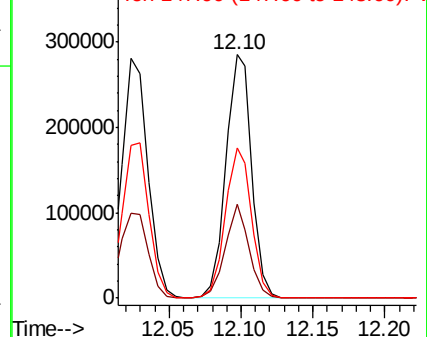
148 62.6 32.0 96.0

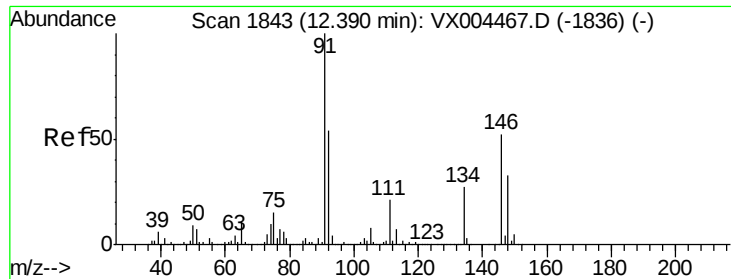


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

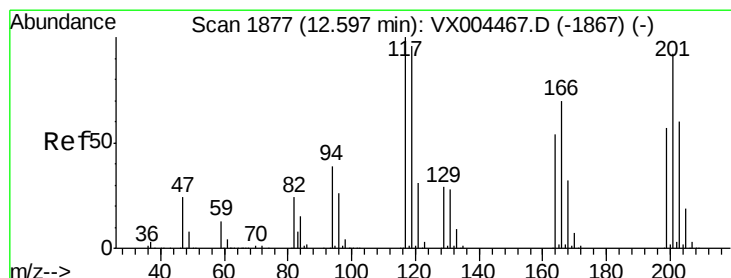
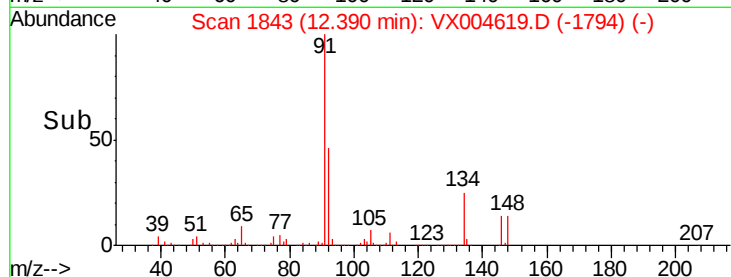
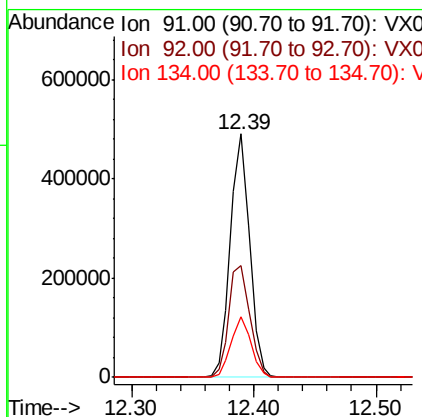
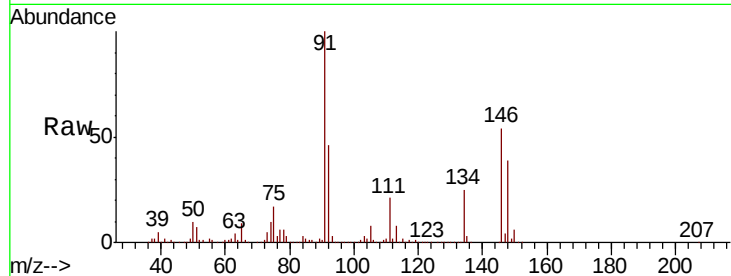




#89
n-Butylbenzene
Concen: 46.87 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

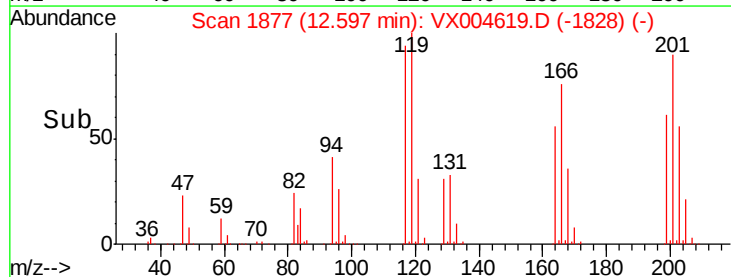
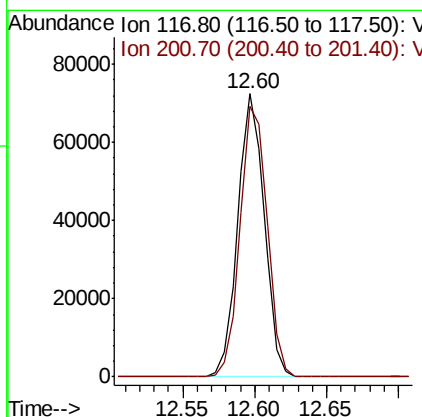
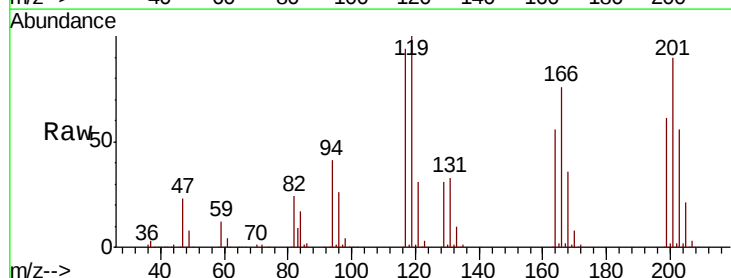
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

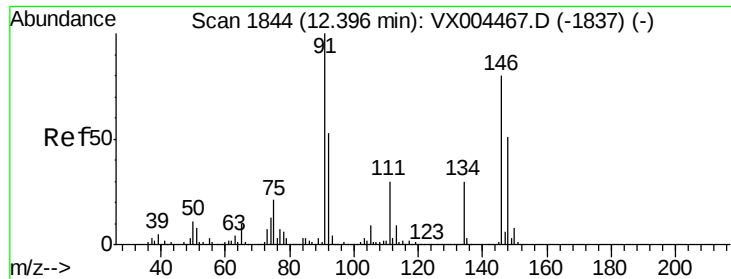
Tot Ion: 91 Resp: 532539
Ion Ratio Lower Upper
91 100
92 50.2 27.3 81.9
134 25.5 13.6 40.7



#90
Hexachloroethane
Concen: 46.33 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 117 Resp: 92474
Ion Ratio Lower Upper
117 100
201 97.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 47.74 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

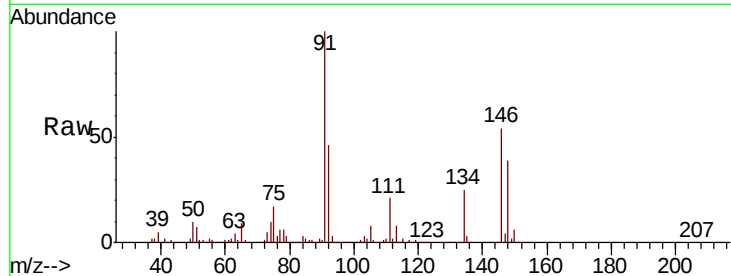
Tot Ion:146 Resp: 344966

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.1

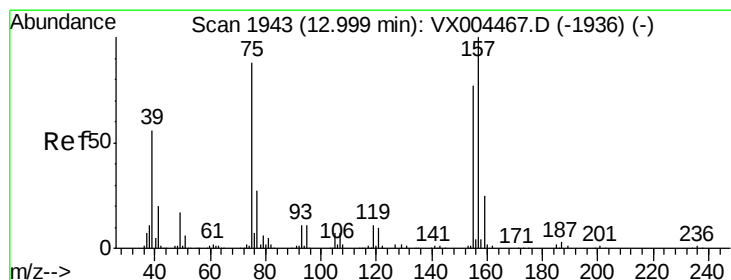
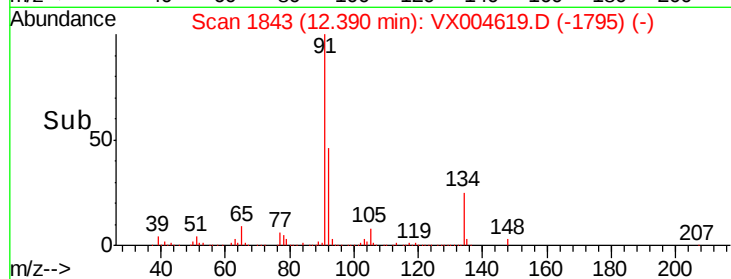
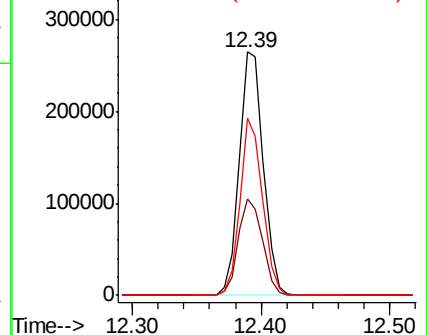
148 67.9 32.8 98.3



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: 55.80 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

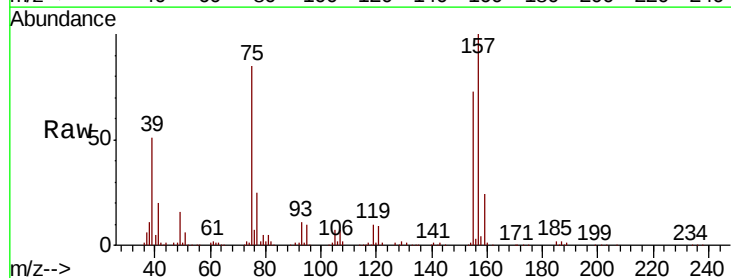
Tgt Ion: 75 Resp: 53203

Ion Ratio Lower Upper

75 100

155 96.6 48.0 144.2

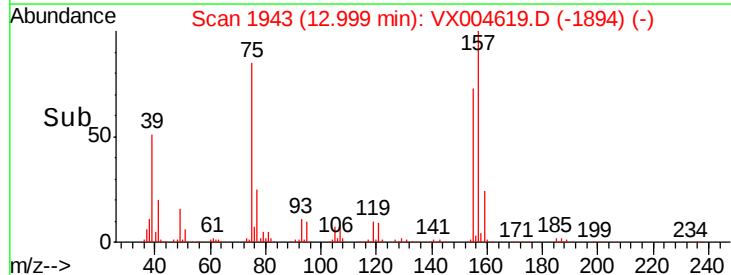
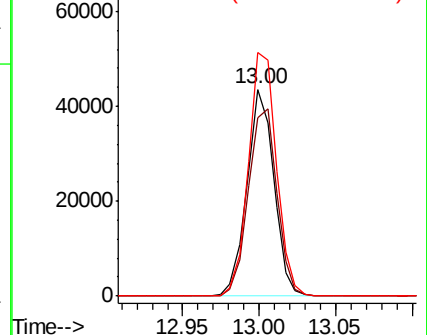
157 122.4 61.4 184.1

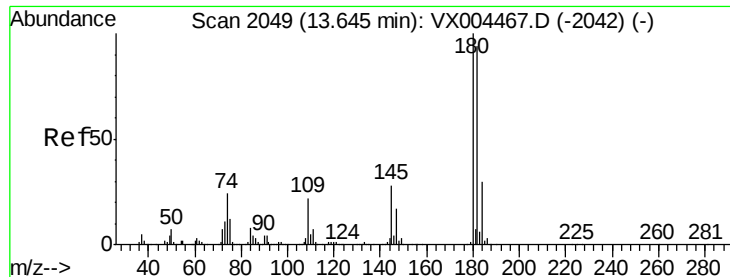


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

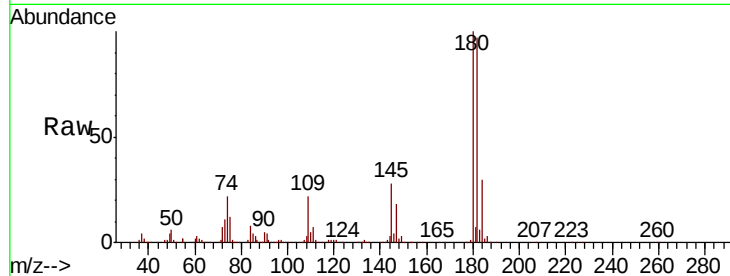




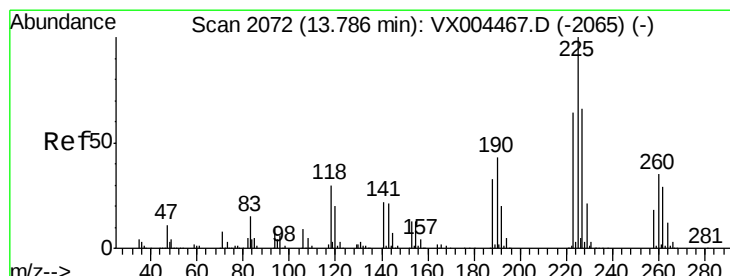
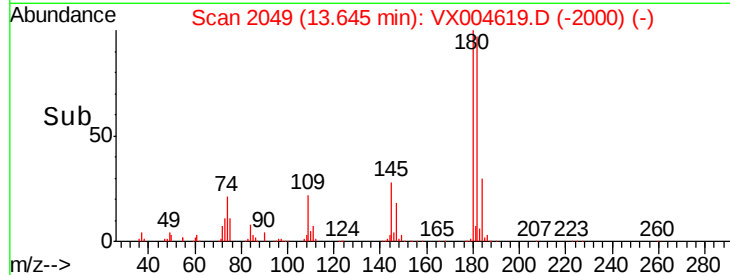
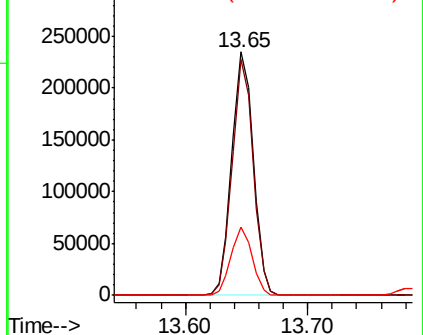
#93
 1,2,4-Trichlorobenzene
 Concen: 55.66 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 284748
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.0
 145 27.5 14.3 42.9

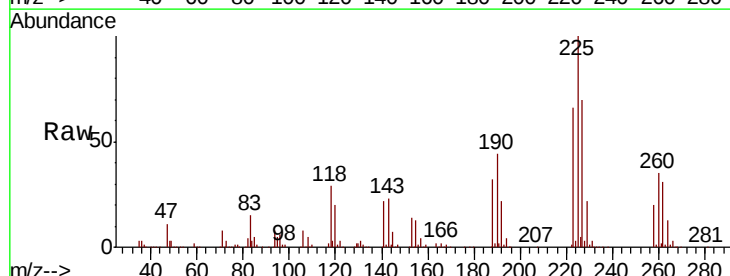


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

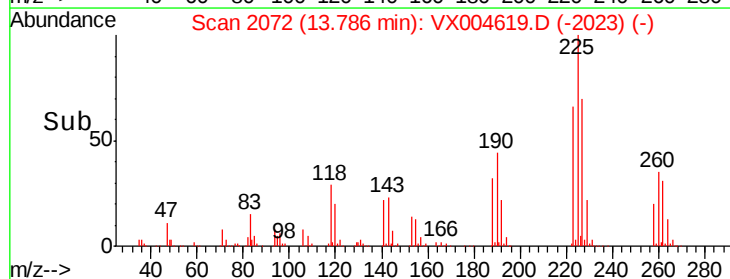
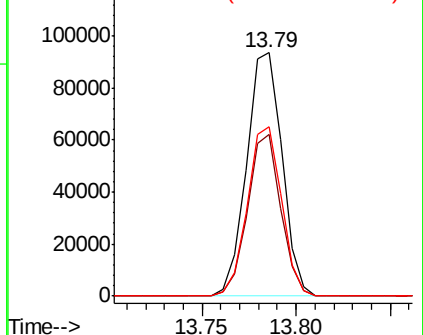


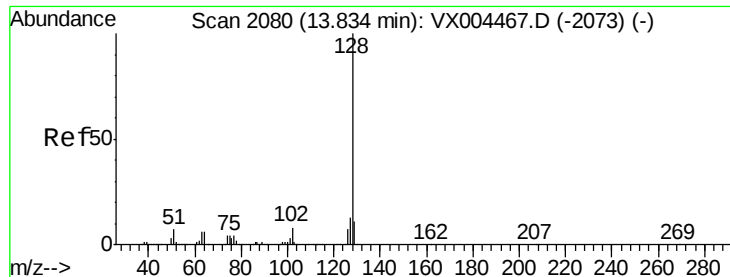
#94
 Hexachlorobutadiene
 Concen: 45.76 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion:225 Resp: 122284
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 66.9 30.8 92.4



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

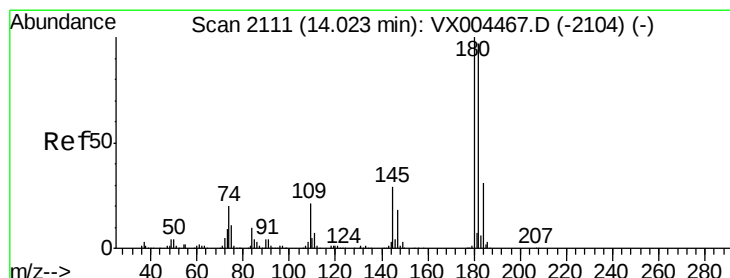
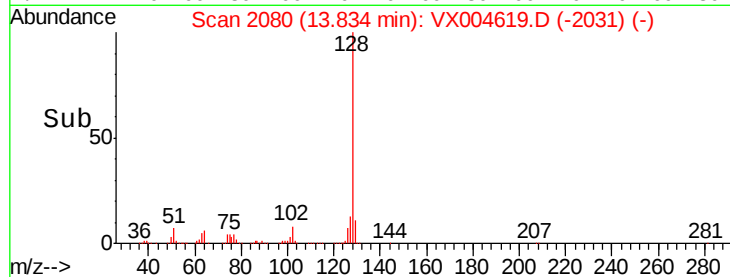
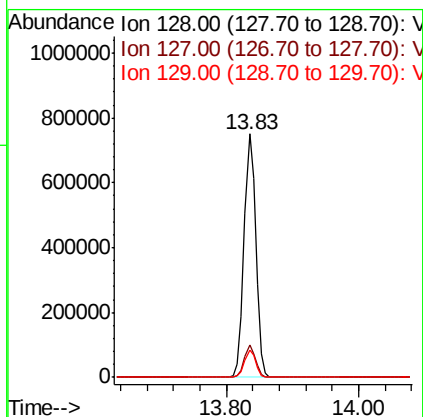
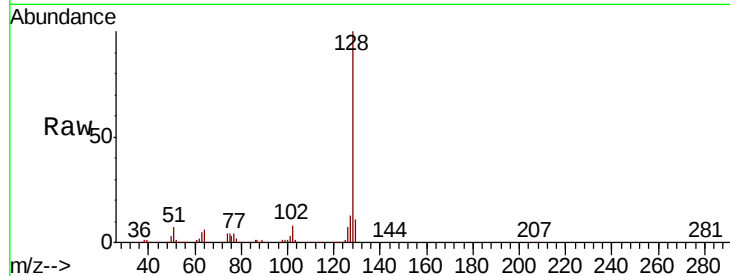




#95
Naphthalene
Concen: 63.38 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 909501
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.19 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:180 Resp: 284830
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.6
145 31.0 14.9 44.9

