

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX010023.D
 Acq On : 01 Jun 2019 07:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 00:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109431	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	81266	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	330662	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	122005	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100754	52.136	ug/l	99
3) Chloromethane	1.32	50	110746	42.627	ug/l	98
4) Vinyl Chloride	1.41	62	104840	44.764	ug/l	99
5) Bromomethane	1.64	94	57578	40.577	ug/l	97
6) Chloroethane	1.71	64	63624	44.131	ug/l	99
7) Trichlorofluoromethane	1.92	101	121202	46.831	ug/l	99
8) Diethyl Ether	2.19	74	53006	43.584	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72439	46.360	ug/l	99
10) Methyl Iodide	2.51	142	78482	41.441	ug/l	100
11) Tert butyl alcohol	3.06	59	146987	267.358	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75312	47.023	ug/l	99
13) Acrolein	2.29	56	86556	224.464	ug/l	100
14) Allyl chloride	2.73	41	173471	44.563	ug/l	100
15) Acrylonitrile	3.14	53	310906	234.704	ug/l	99
16) Acetone	2.45	43	280474	217.298	ug/l	99
17) Carbon Disulfide	2.57	76	219752	45.349	ug/l	100
18) Methyl Acetate	2.78	43	151842	50.558	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	290825	48.097	ug/l	100
20) Methylene Chloride	2.85	84	91728	46.407	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80820	45.352	ug/l	98
22) Diisopropyl ether	3.85	45	351918	47.514	ug/l	94
23) Vinyl Acetate	3.82	43	1533551	230.480	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169123	47.118	ug/l	99
25) 2-Butanone	4.67	43	475223	236.319	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75938	27.968	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	95748	46.546	ug/l	93
28) Bromochloromethane	5.01	49	80258	43.088	ug/l	97
29) Tetrahydrofuran	5.13	42	311591	241.630	ug/l	99
30) Chloroform	5.21	83	154836	47.832	ug/l	97
31) Cyclohexane	5.58	56	161982	47.647	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	129964	49.298	ug/l	100
36) 1,1-Dichloropropene	5.80	75	118758	46.108	ug/l	99
37) Ethyl Acetate	4.84	43	176677	49.230	ug/l	99
38) Carbon Tetrachloride	5.79	117	110076	49.457	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143260	46.891	ug/l	97
40) Benzene	6.14	78	365117	47.787	ug/l	100
41) Methacrylonitrile	5.04	41	100636	47.989	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134489	47.613	ug/l	100
43) Isopropyl Acetate	6.45	43	276350	47.723	ug/l	99
44) Trichloroethene	7.21	130	87763	47.289	ug/l	94
45) 1,2-Dichloropropane	7.51	63	103597	47.102	ug/l	96
46) Dibromomethane	7.66	93	59099	45.649	ug/l	97
47) Bromodichloromethane	7.90	83	121799	49.473	ug/l	99
48) Methyl methacrylate	7.77	41	140872	49.142	ug/l	99
49) 1,4-Dioxane	7.74	88	54914	1029.863	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	929953	246.872	ug/l	99
52) Toluene	8.79	92	226647	48.857	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133217	45.119	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	145681	45.285	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	90752	48.605	ug/l	99
56) Ethyl methacrylate	9.18	69	169058	50.858	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161444	48.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	427284	245.132	ug/l	100
59) 2-Hexanone	9.49	43	723067	249.318	ug/l	100
60) Dibromochloromethane	9.58	129	94217	51.297	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92623	48.286	ug/l	99
64) Tetrachloroethene	9.34	164	87590	53.589	ug/l	98
65) Chlorobenzene	10.14	112	235667	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	87044	51.229	ug/l	99
67) Ethyl Benzene	10.25	91	434311	49.376	ug/l	99
68) m/p-Xylenes	10.36	106	318428	97.992	ug/l	99
69) o-Xylene	10.70	106	155148	49.784	ug/l	100
70) Styrene	10.71	104	275066	50.335	ug/l	99
71) Bromoform	10.85	173	74101	53.353	ug/l	98
73) Isopropylbenzene	11.02	105	414232	48.337	ug/l	99
74) N-amyl acetate	10.90	43	250215	48.862	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	151637	47.429	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175575	63.214	ug/l	81
77) Bromobenzene	11.26	156	106104	48.583	ug/l	95
78) n-propylbenzene	11.36	91	482927	48.889	ug/l	100
79) 2-Chlorotoluene	11.42	91	287086	47.569	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	353900	49.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45646	40.661	ug/l	99
82) 4-Chlorotoluene	11.51	91	332487	47.325	ug/l	99
83) tert-Butylbenzene	11.77	119	335989	48.644	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	355572	48.496	ug/l	100
85) sec-Butylbenzene	11.94	105	403650	49.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	369997	50.060	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185741	47.771	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184549	46.541	ug/l	99
89) n-Butylbenzene	12.38	91	328667	47.317	ug/l	99
90) Hexachloroethane	12.60	117	65067	51.298	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185112	48.289	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35357	46.982	ug/l	95

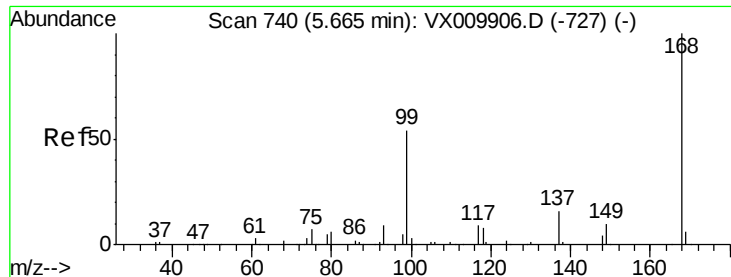
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131777	48.103	ug/l	99
94) Hexachlorobutadiene	13.78	225	64839	47.188	ug/l	100
95) Naphthalene	13.83	128	423559	49.684	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131642	48.007	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

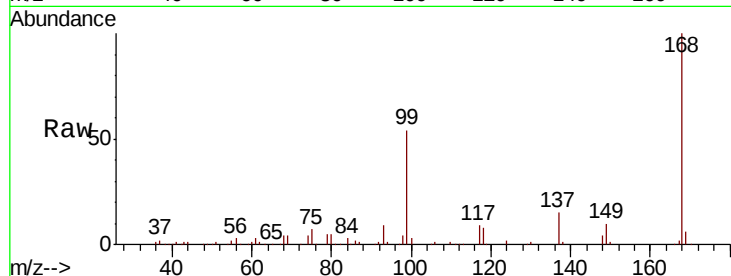
VSTDCCC050EC

Tot Ion:168 Resp: 158147

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

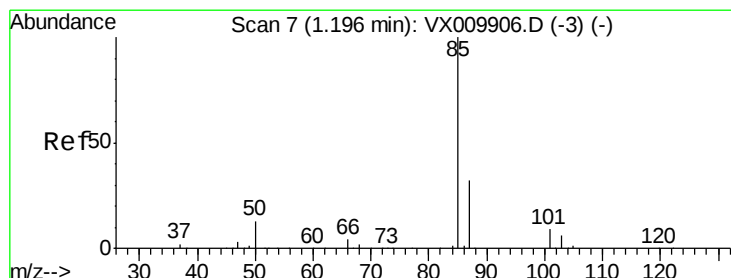
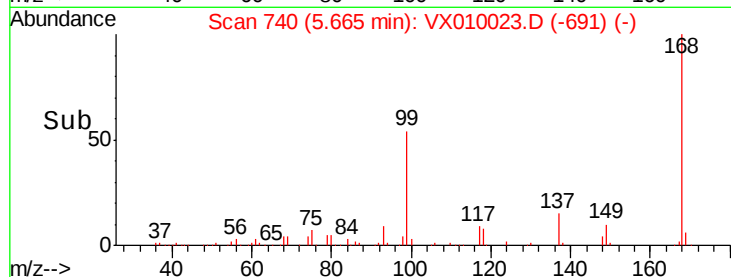
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.136 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010023.D

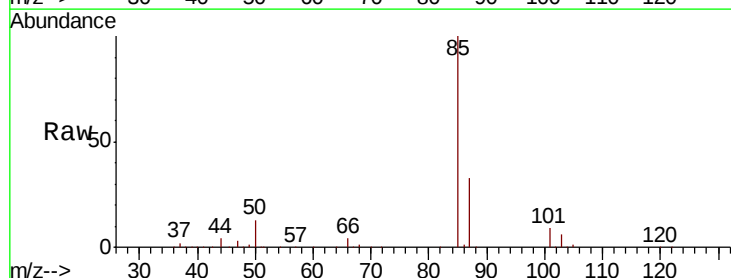
Acq: 01 Jun 2019 07:12

Tgt Ion: 85 Resp: 100754

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

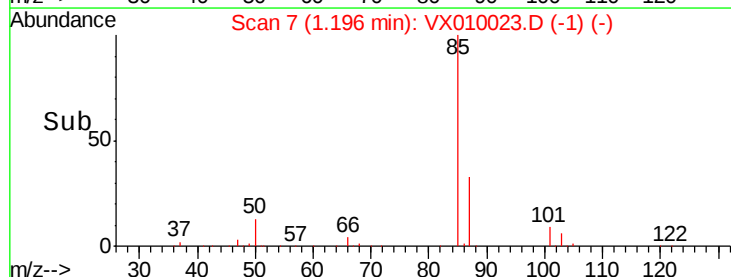
40000

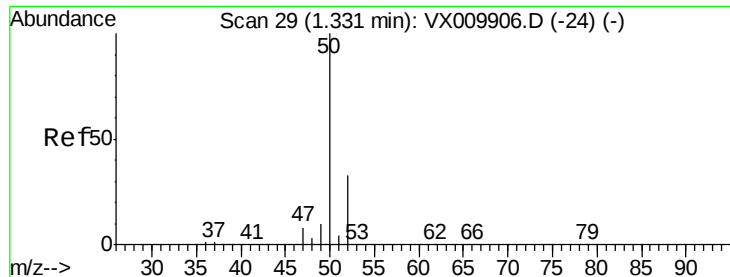
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.627 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

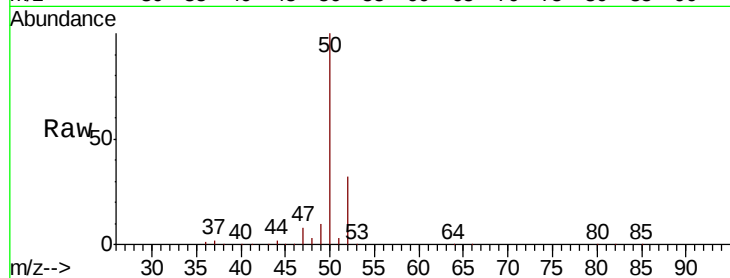
VSTDCCC050EC

Tot Ion: 50 Resp: 110746

Ion Ratio Lower Upper

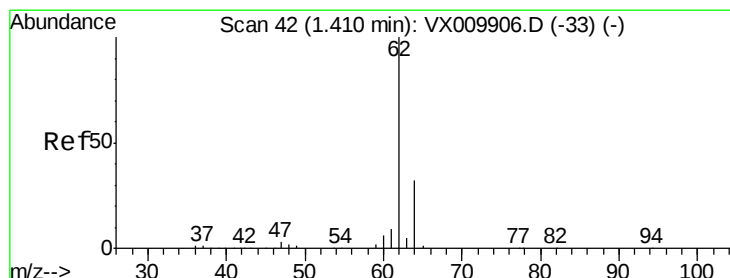
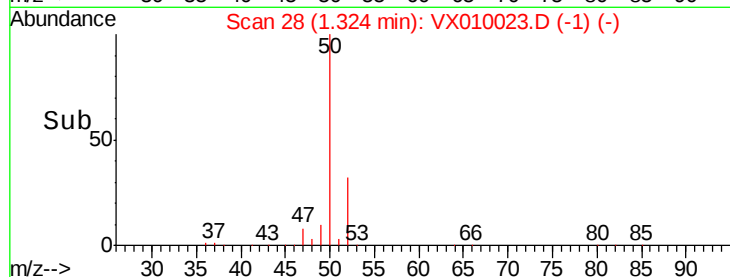
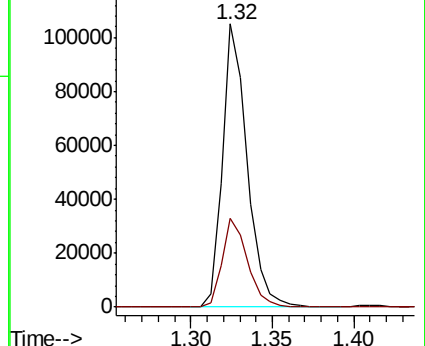
50 100

52 31.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.764 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010023.D

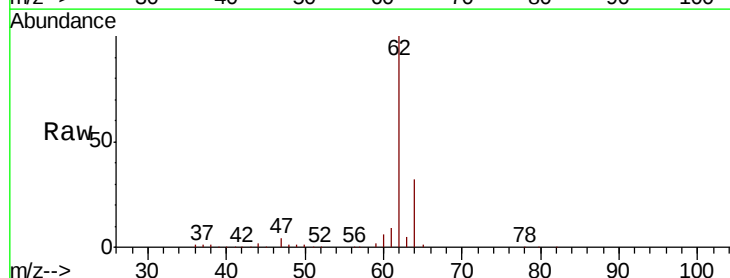
Acq: 01 Jun 2019 07:12

Tgt Ion: 62 Resp: 104840

Ion Ratio Lower Upper

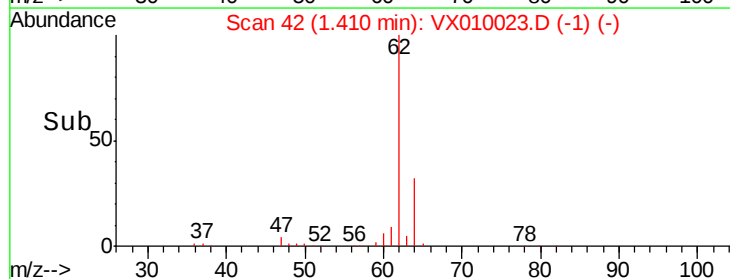
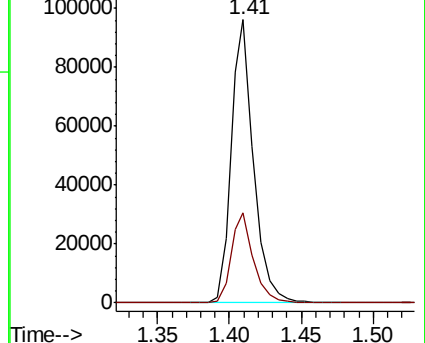
62 100

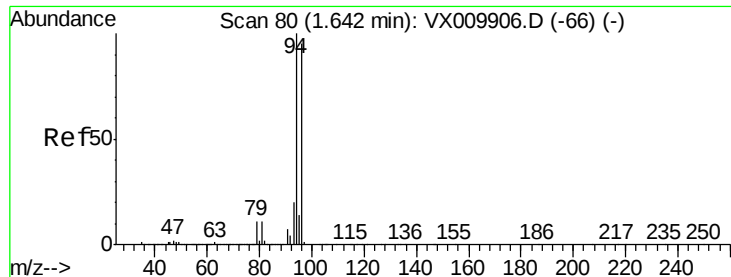
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.577 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

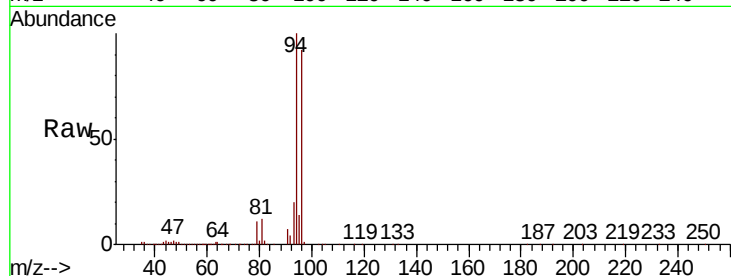
VSTDCCC050EC

Tot Ion: 94 Resp: 57578

Ion Ratio Lower Upper

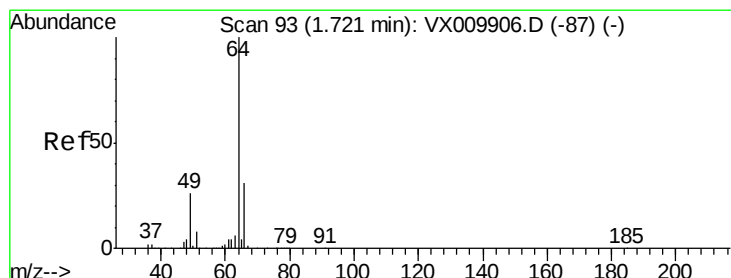
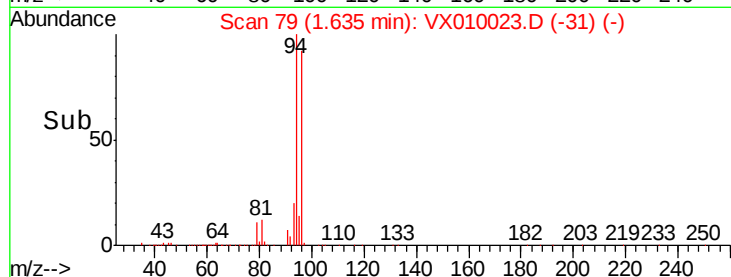
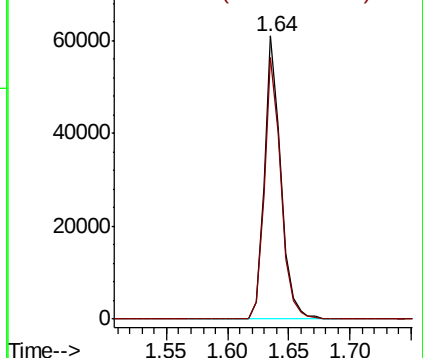
94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.131 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010023.D

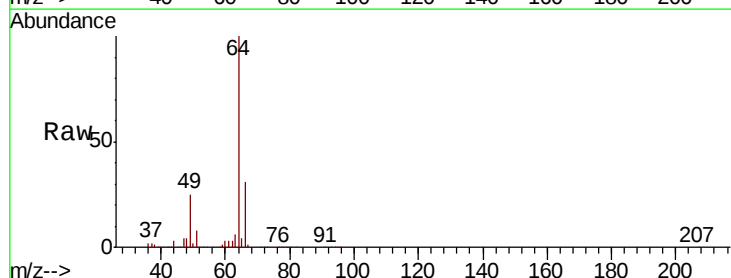
Acq: 01 Jun 2019 07:12

Tgt Ion: 64 Resp: 63624

Ion Ratio Lower Upper

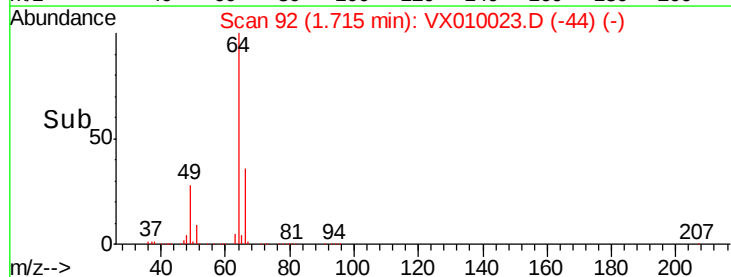
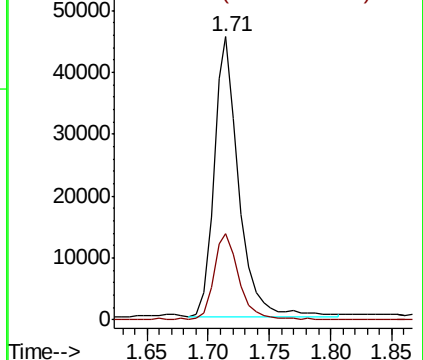
64 100

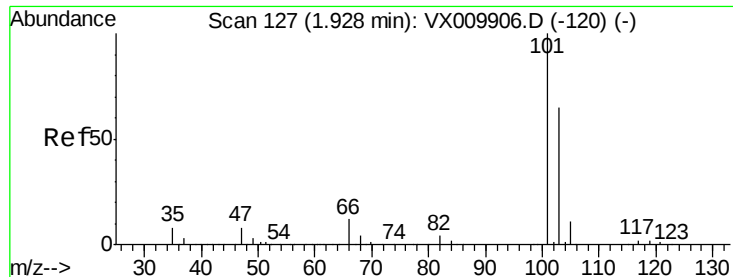
66 30.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



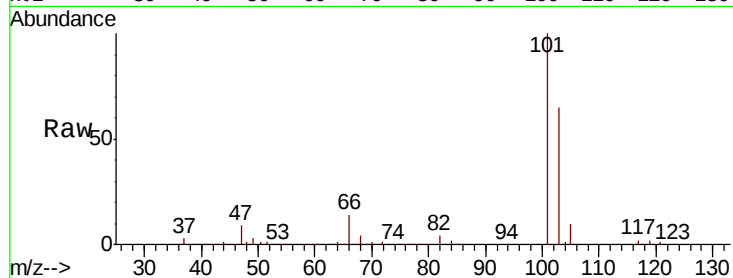


#7

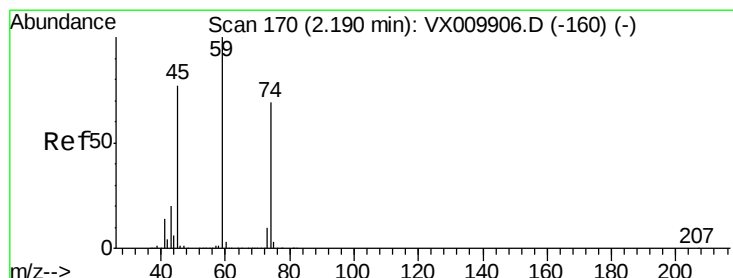
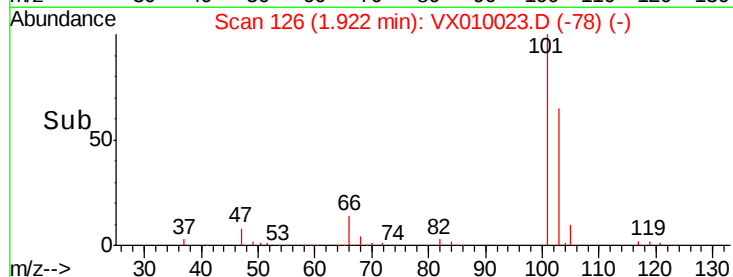
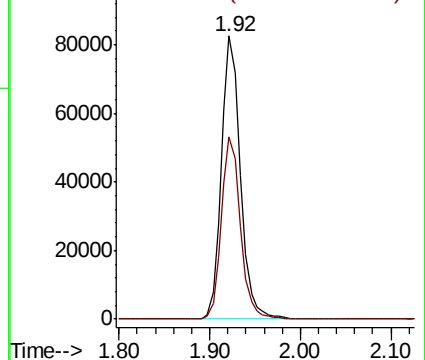
Trichlorofluoromethane
 Concen: 46.831 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 121202
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4



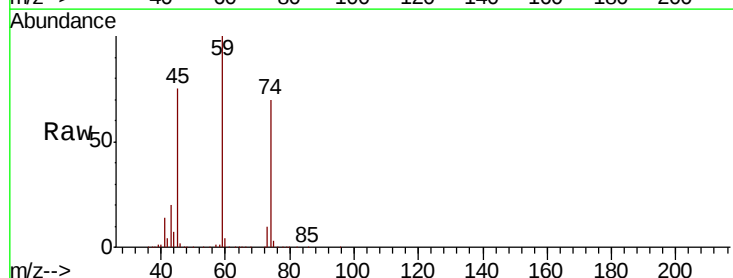
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



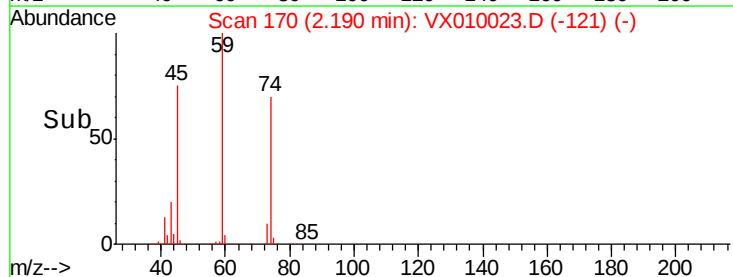
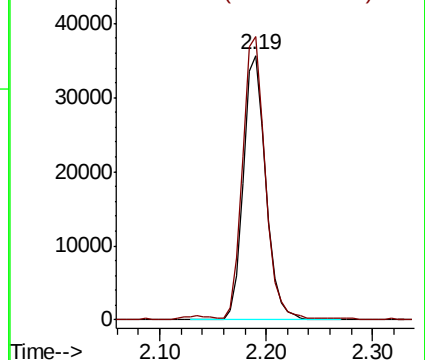
#8

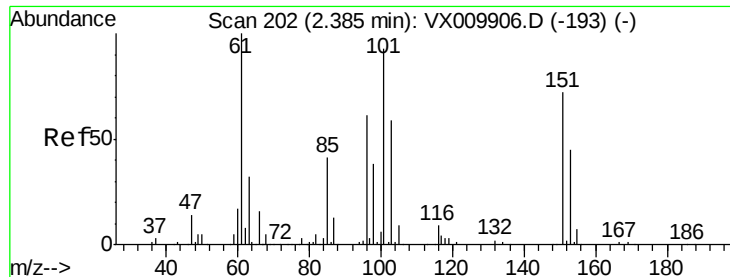
Diethyl Ether
 Concen: 43.584 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion: 74 Resp: 53006
 Ion Ratio Lower Upper
 74 100
 45 106.9 56.1 168.3



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: 46.360 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

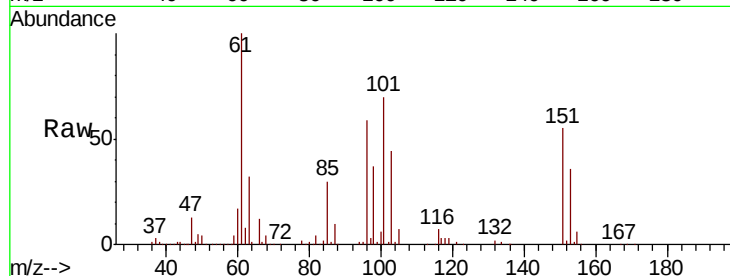
Tot Ion:101 Resp: 72439

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

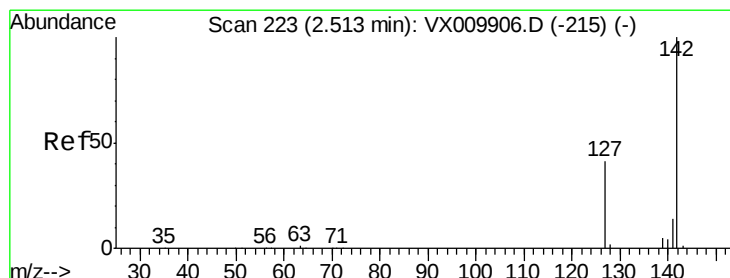
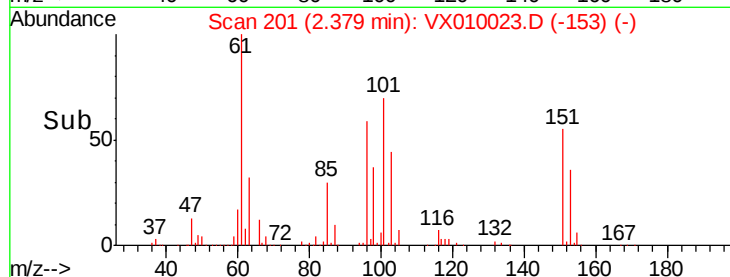
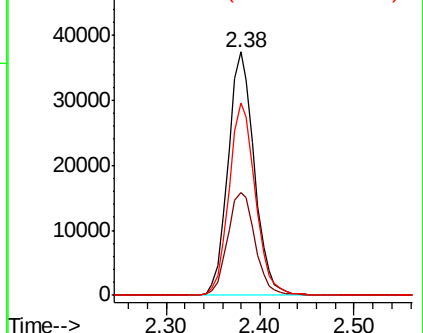
151 79.1 61.9 92.9



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: 41.441 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

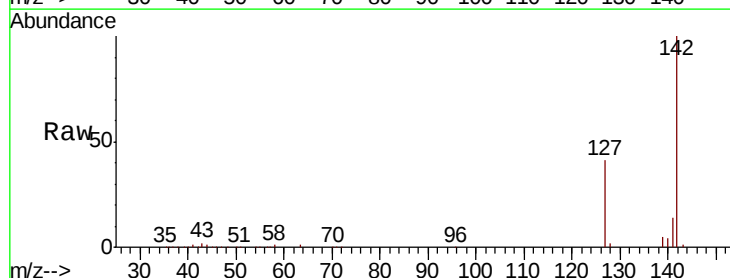
Tgt Ion:142 Resp: 78482

Ion Ratio Lower Upper

142 100

127 41.2 33.0 49.4

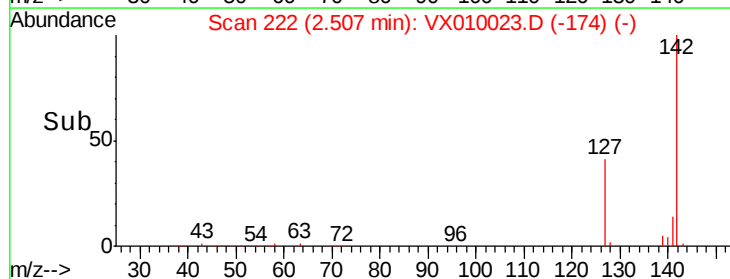
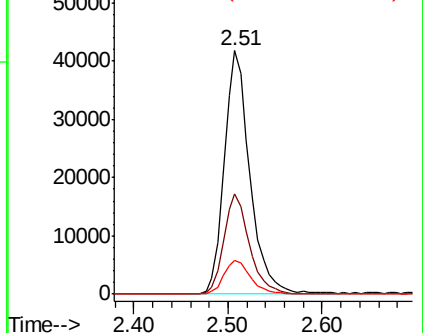
141 14.4 11.4 17.0

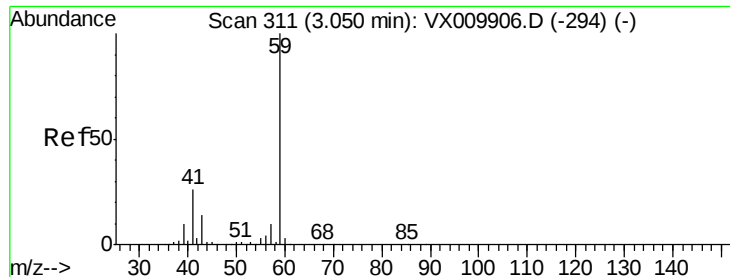


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



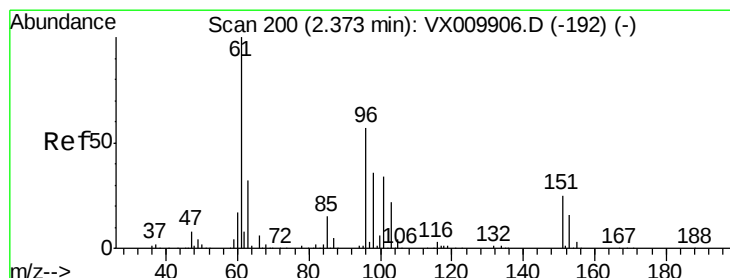
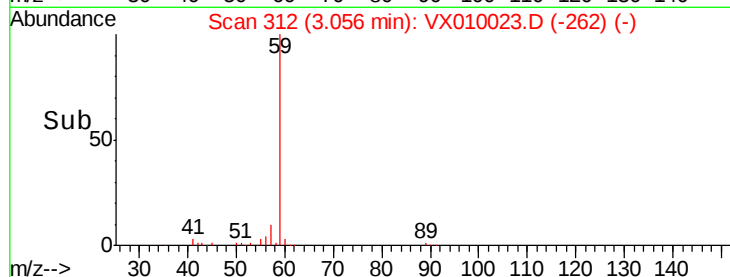
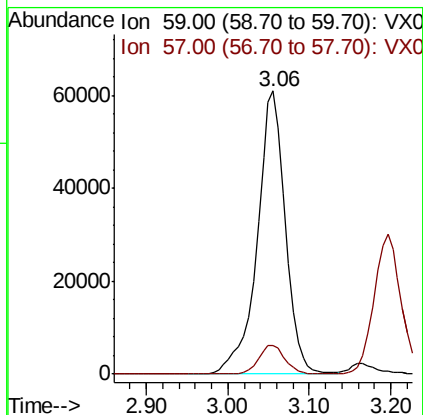
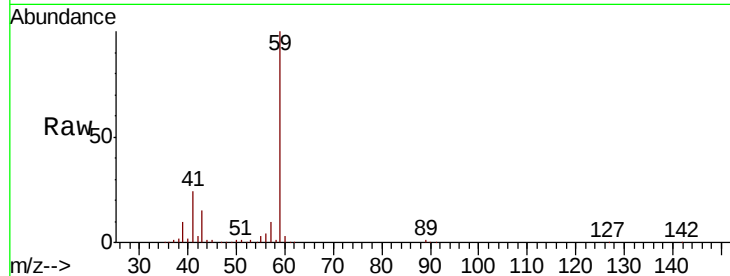


#11

Tert butyl alcohol
Concen: 267.358 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

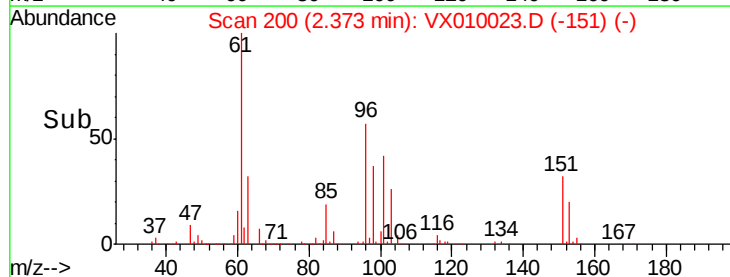
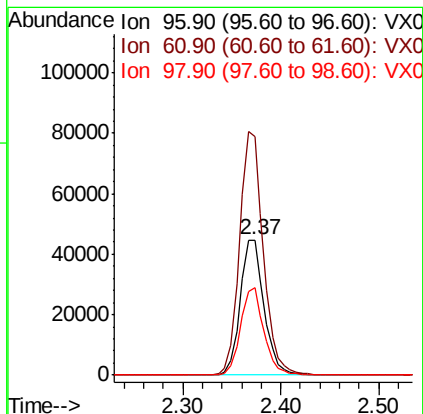
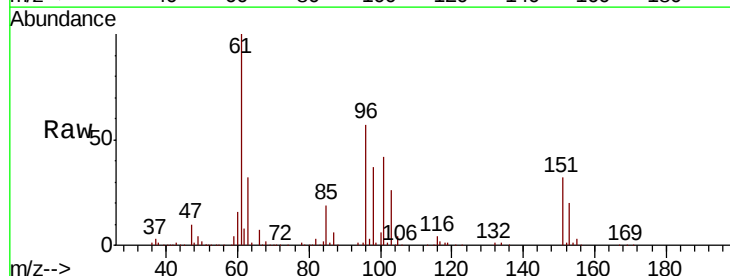
Tot Ion: 59 Resp: 146987
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

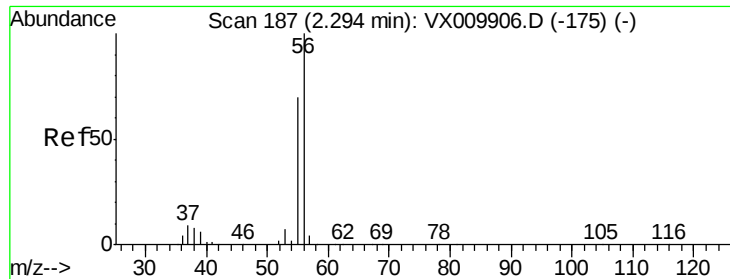


#12

1,1-Dichloroethene
Concen: 47.023 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 96 Resp: 75312
Ion Ratio Lower Upper
96 100
61 176.6 140.7 211.1
98 65.0 50.1 75.1

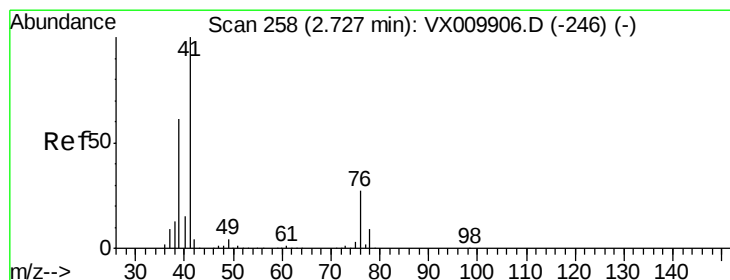
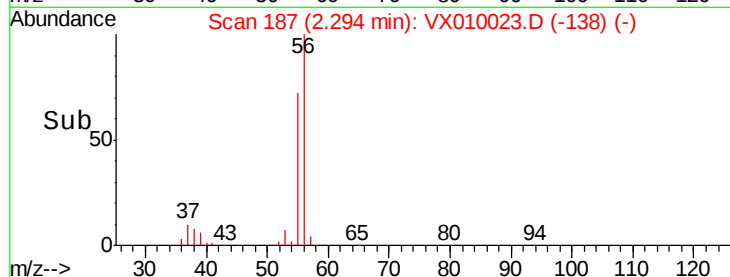
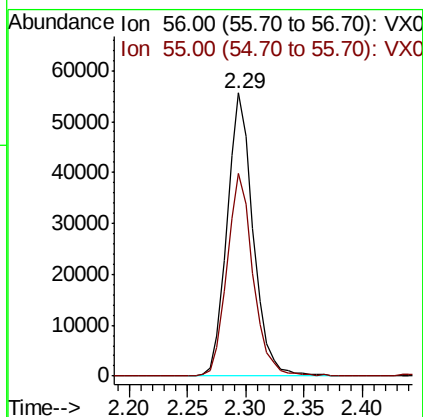
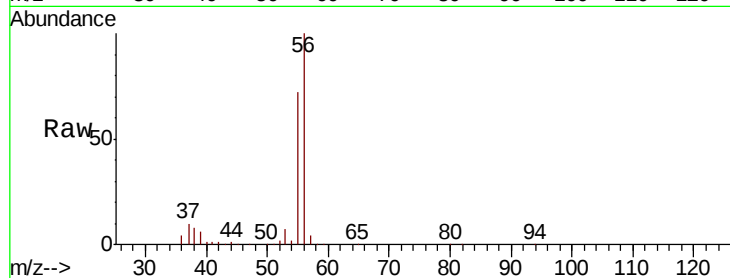




#13
Acrolein
Concen: 224.464 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

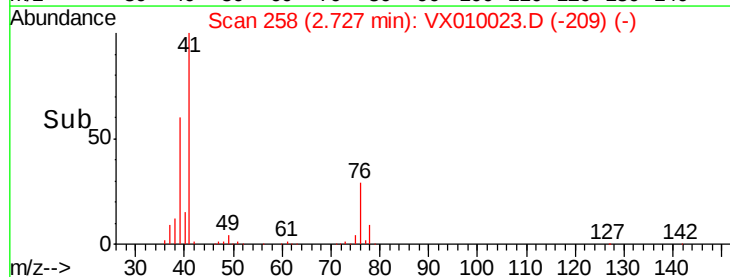
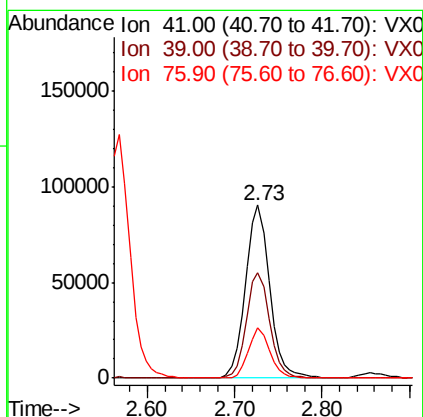
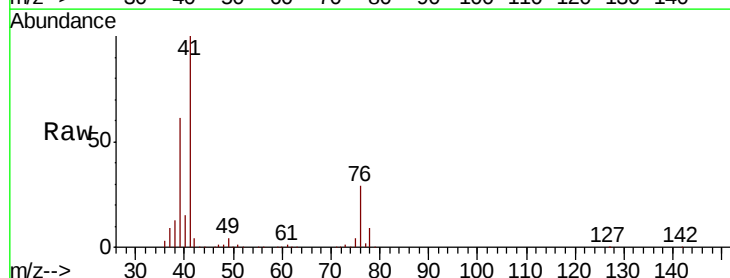
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

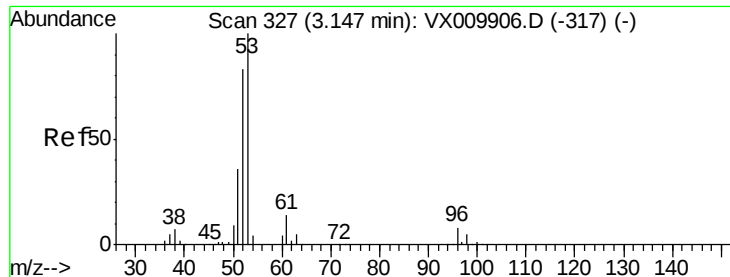
Tot Ion: 56 Resp: 86556
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4



#14
Allyl chloride
Concen: 44.563 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 41 Resp: 173471
Ion Ratio Lower Upper
41 100
39 58.7 46.7 70.1
76 25.8 21.0 31.4





#15

Acrylonitrile

Concen: 234.704 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

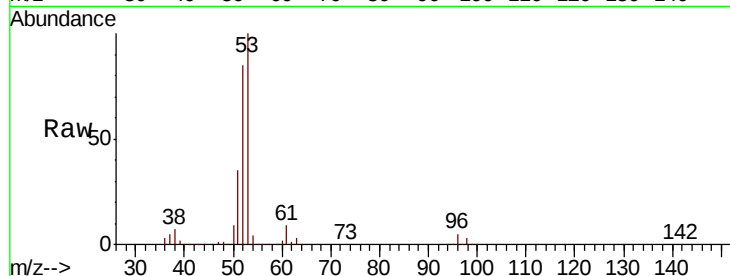
Tot Ion: 53 Resp: 310906

Ion Ratio Lower Upper

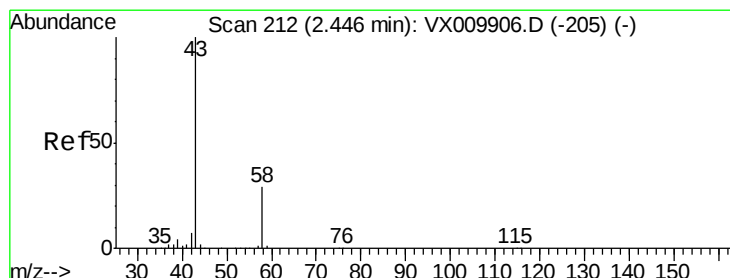
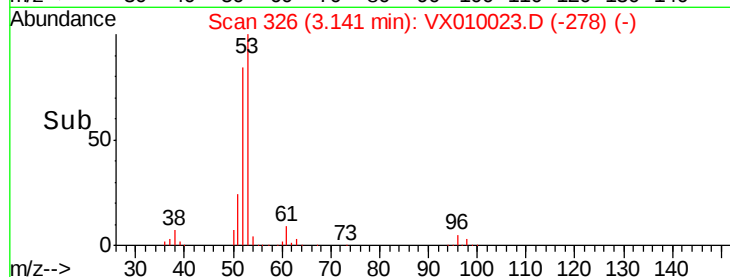
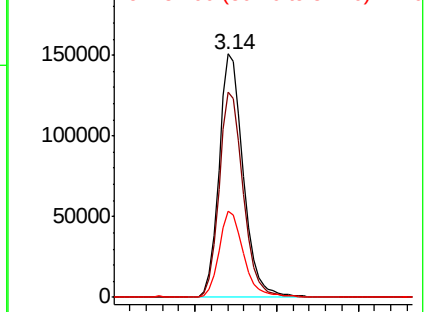
53 100

52 84.2 66.7 100.1

51 35.7 28.8 43.2



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: 217.298 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010023.D

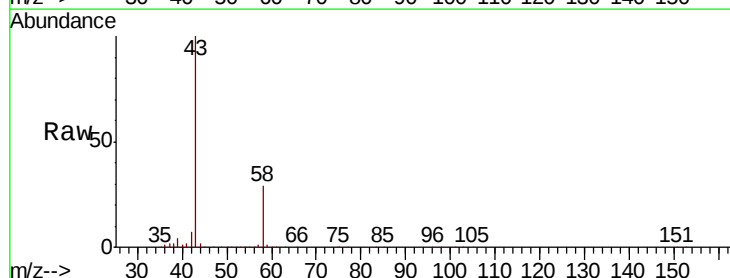
Acq: 01 Jun 2019 07:12

Tgt Ion: 43 Resp: 280474

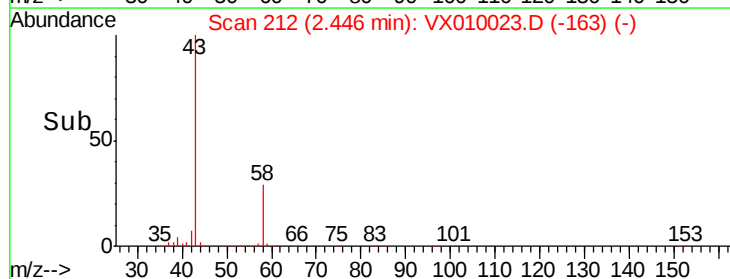
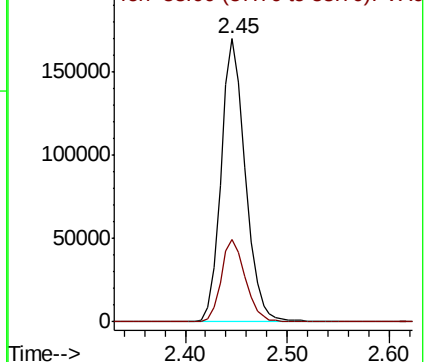
Ion Ratio Lower Upper

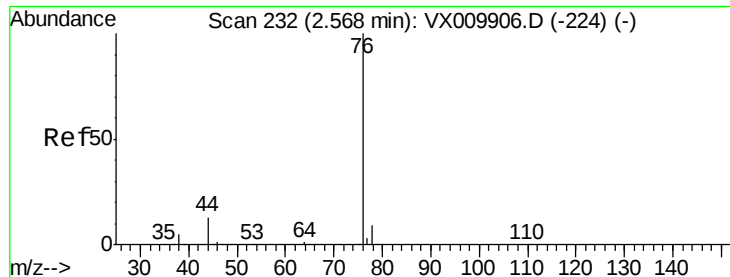
43 100

58 29.3 23.2 34.8



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

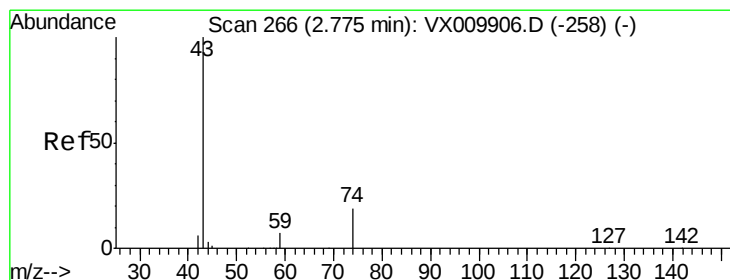
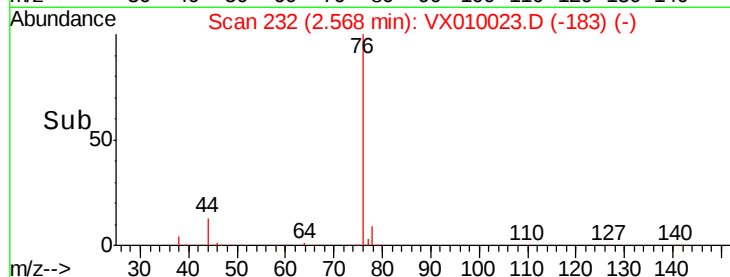
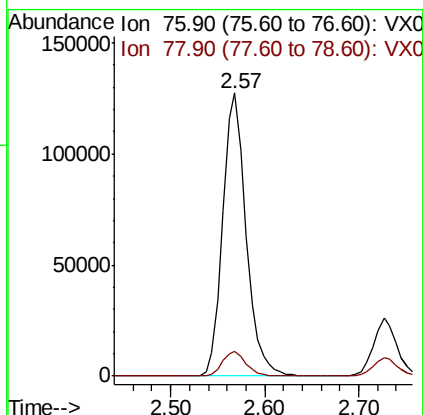
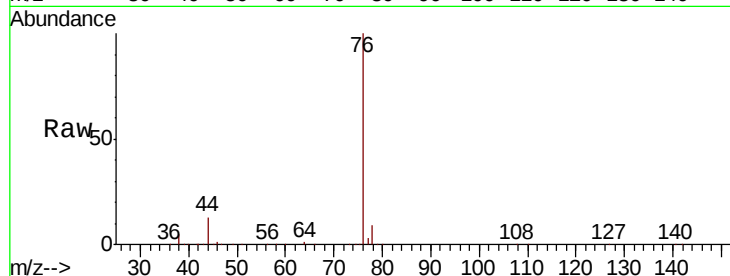




#17
Carbon Disulfide
Concen: 45.349 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

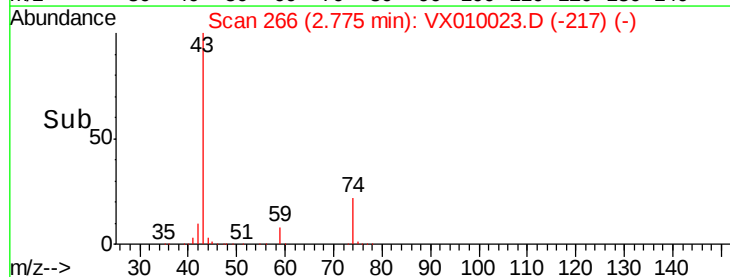
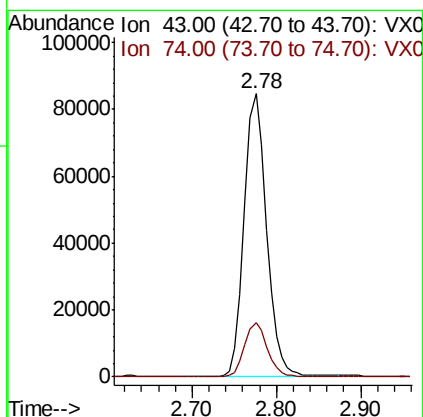
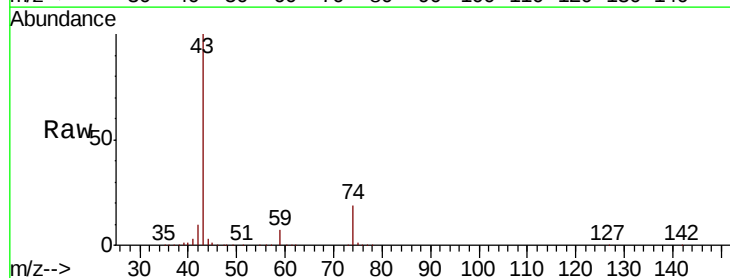
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

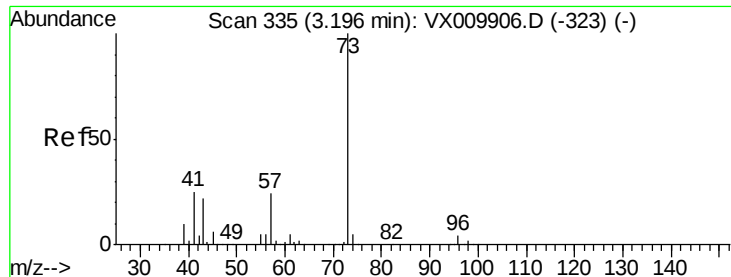
Tot Ion: 76 Resp: 219752
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.558 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 43 Resp: 151842
Ion Ratio Lower Upper
43 100
74 19.9 15.8 23.6

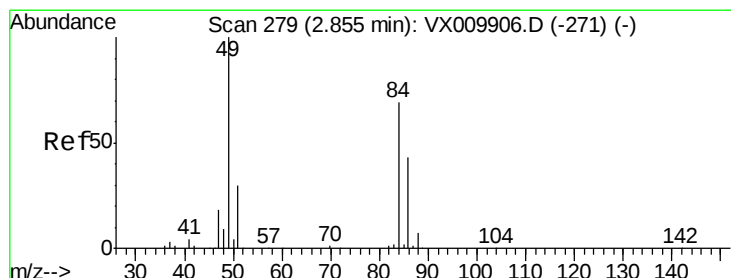
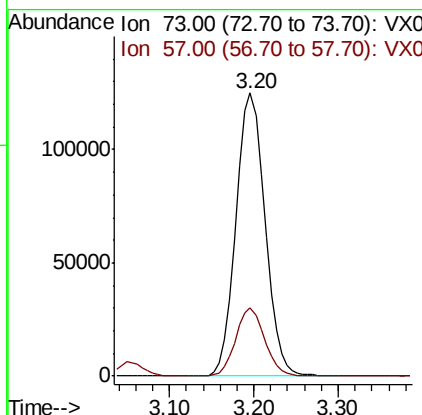
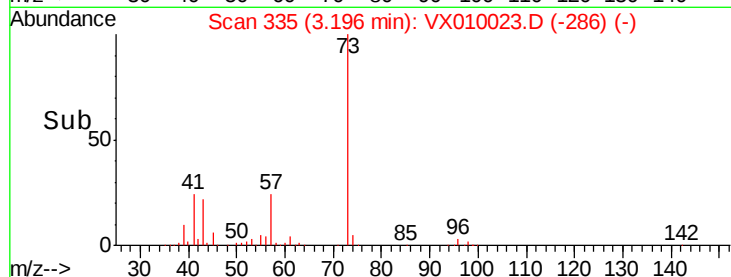
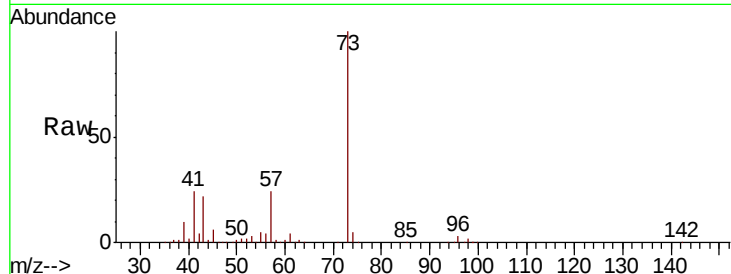




#19
Methyl tert-butyl Ether
Concen: 48.097 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

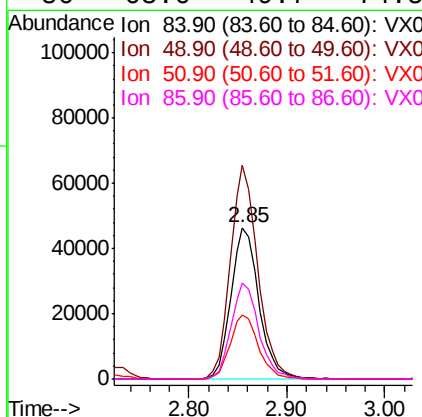
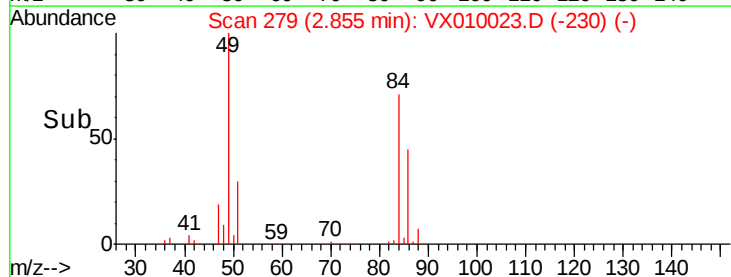
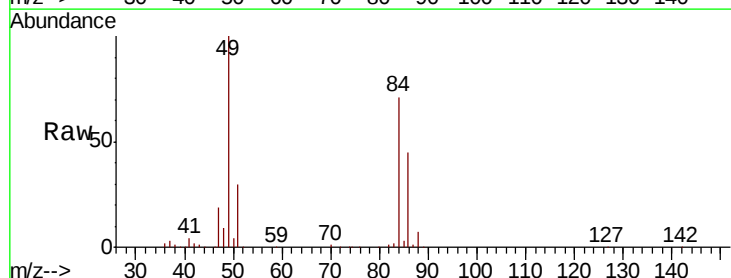
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

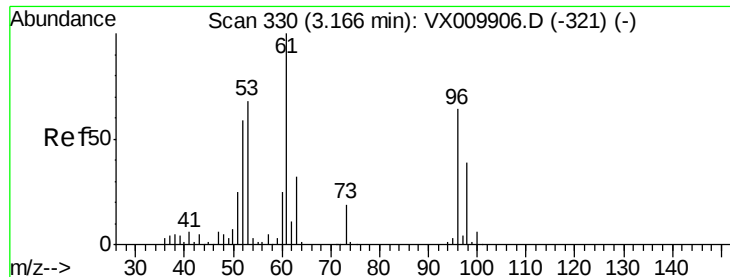
Tot Ion: 73 Resp: 290825
Ion Ratio Lower Upper
73 100
57 24.1 19.4 29.2



#20
Methylene Chloride
Concen: 46.407 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 84 Resp: 91728
Ion Ratio Lower Upper
84 100
49 141.1 115.8 173.6
51 42.6 34.4 51.6
86 63.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 45.352 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

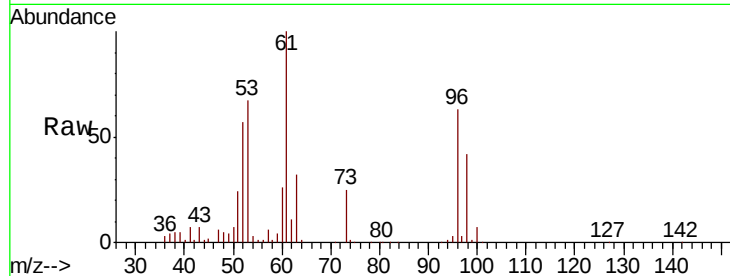
Tot Ion: 96 Resp: 80820

Ion Ratio Lower Upper

96 100

61 158.5 125.7 188.5

98 65.9 49.0 73.6

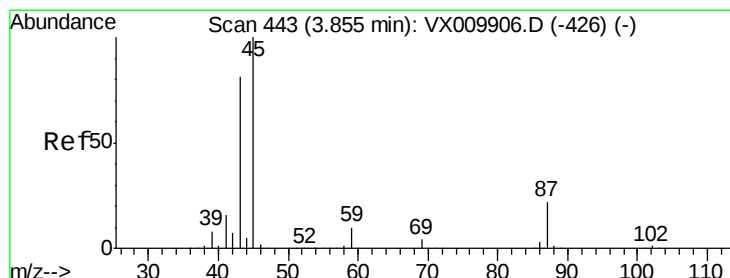
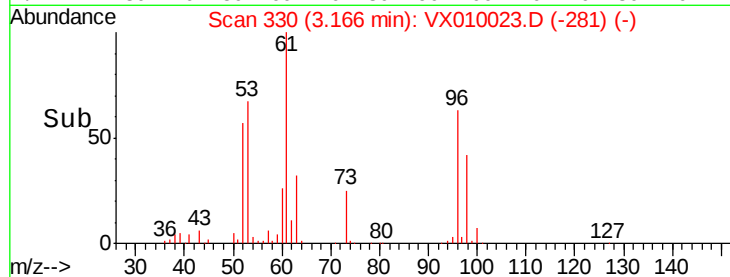
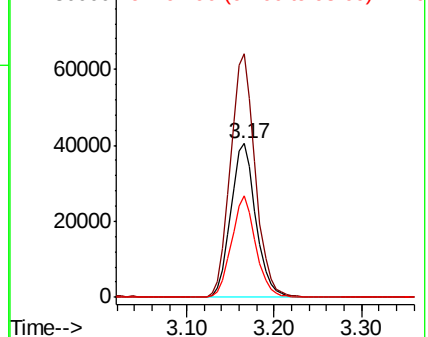


Abundance

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: 47.514 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Tgt Ion: 45 Resp: 351918

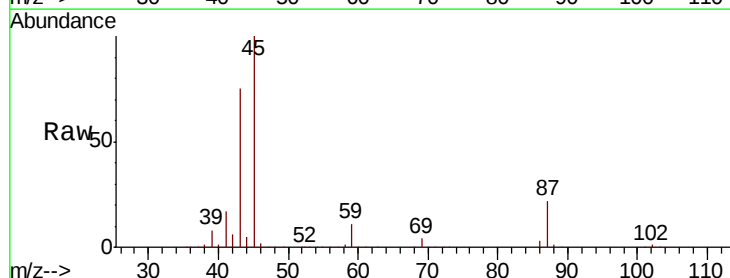
Ion Ratio Lower Upper

45 100

43 74.8 65.0 97.4

87 22.5 17.3 25.9

59 11.1 8.1 12.1



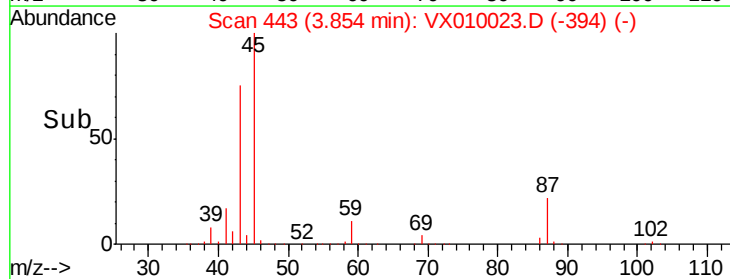
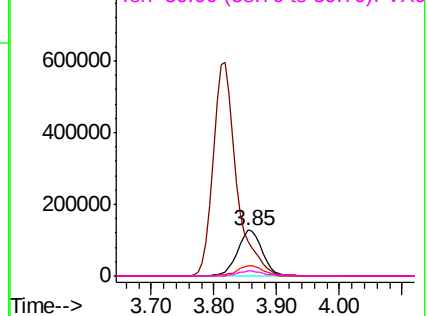
Abundance

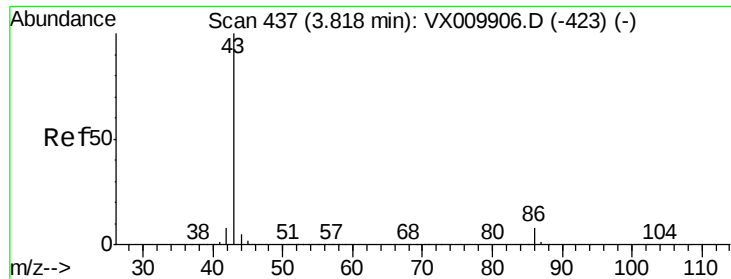
Ion 45.00 (44.70 to 45.70): VX0

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: 230.480 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

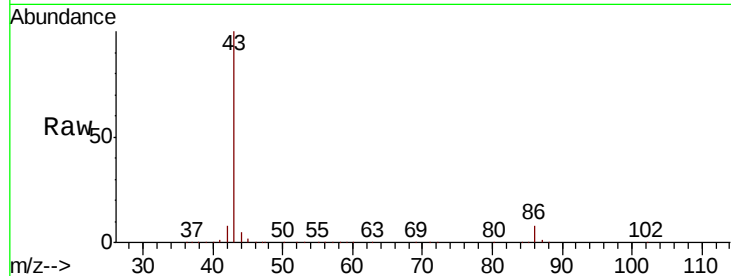
VSTDCCC050EC

Tot Ion: 43 Resp: 1533551

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

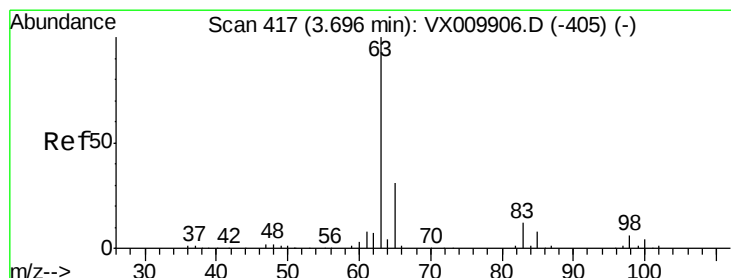
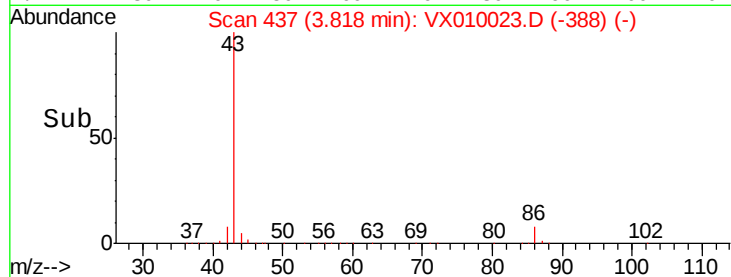
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.118 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

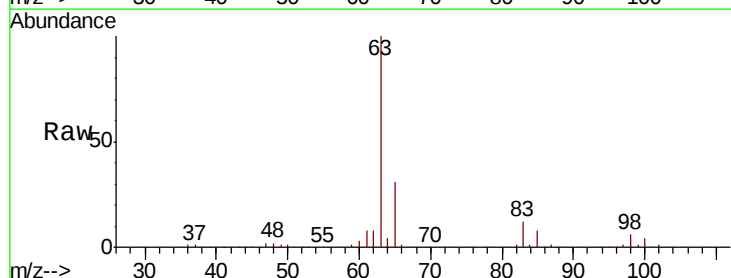
Tgt Ion: 63 Resp: 169123

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.0 1.8 5.4



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

3.70

80000

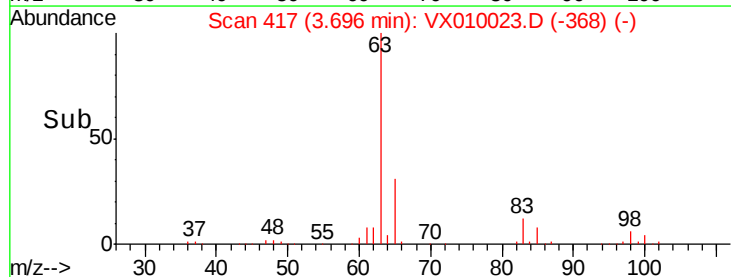
60000

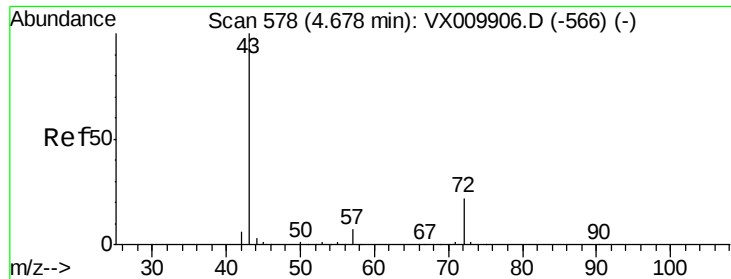
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 236.319 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

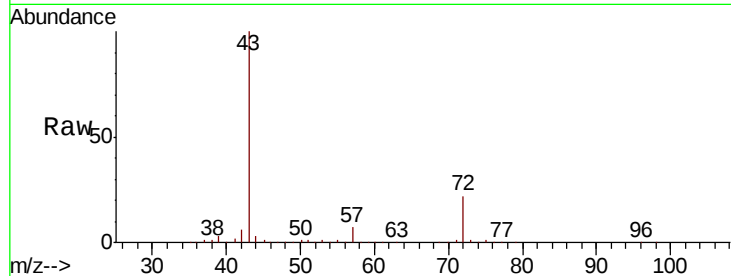
VSTDCCC050EC

Tot Ion: 43 Resp: 475223

Ion Ratio Lower Upper

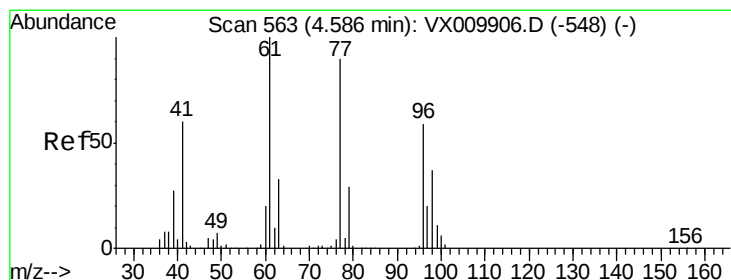
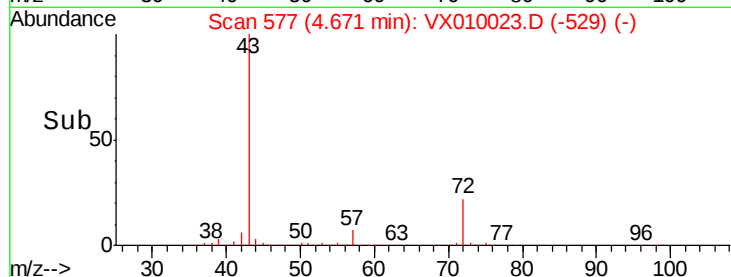
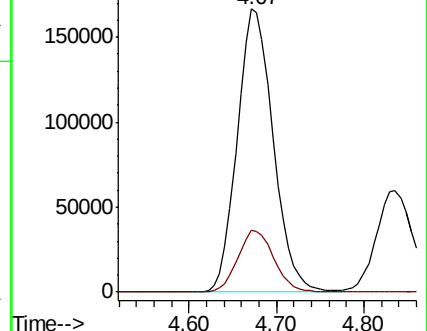
43 100

72 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 27.968 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010023.D

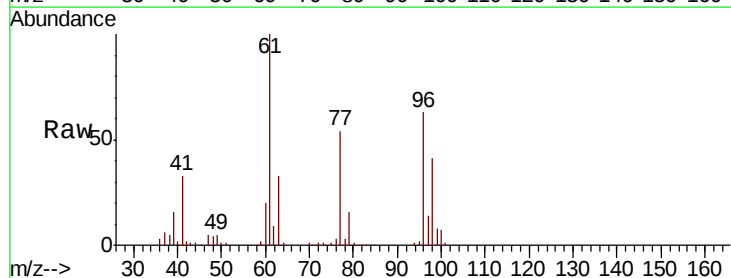
Acq: 01 Jun 2019 07:12

Tgt Ion: 77 Resp: 75938

Ion Ratio Lower Upper

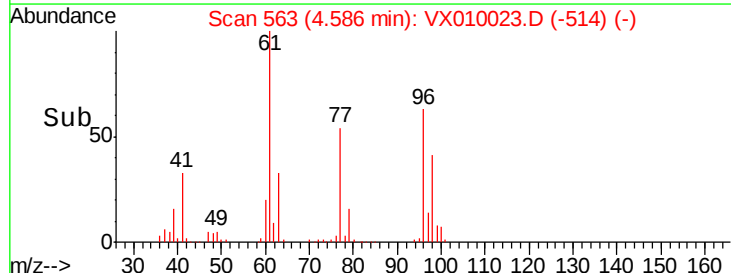
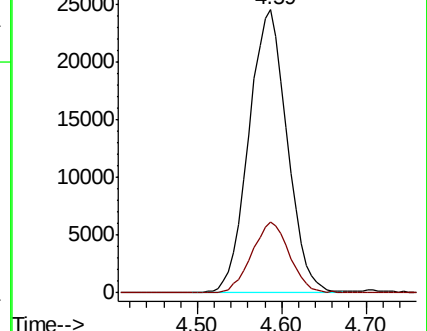
77 100

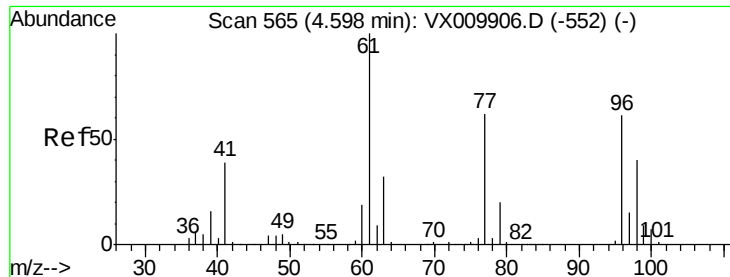
97 24.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



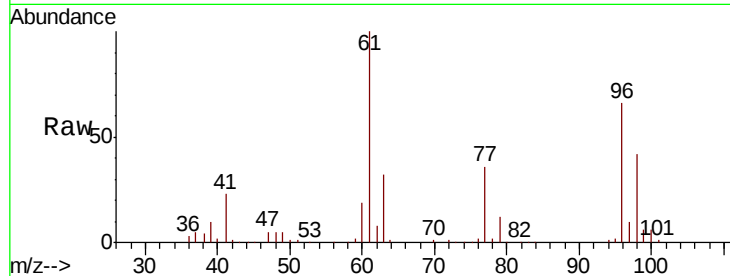


#27

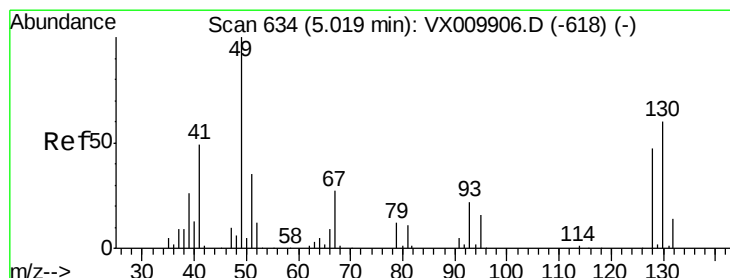
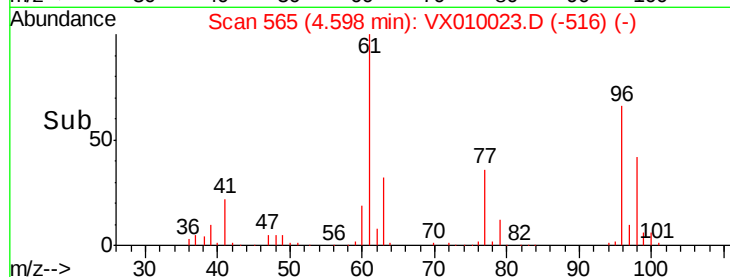
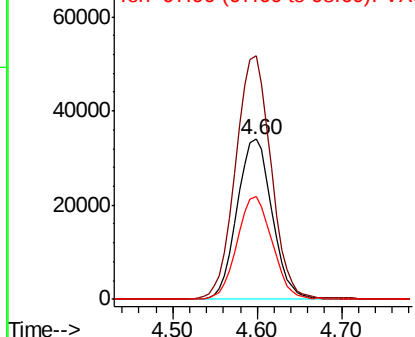
cis-1,2-Dichloroethene
Concen: 46.546 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 95748
Ion Ratio Lower Upper
96 100
61 154.7 0.0 334.0
98 64.3 0.0 131.6



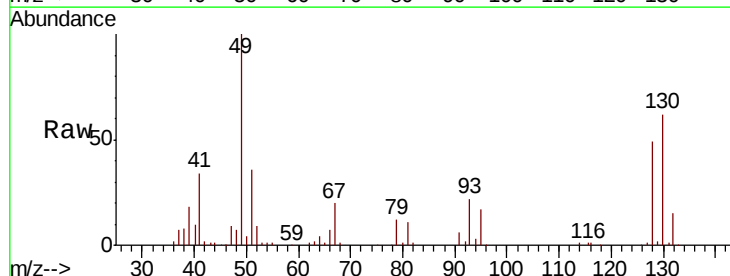
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



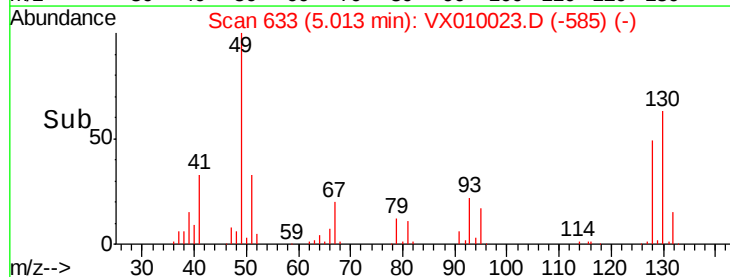
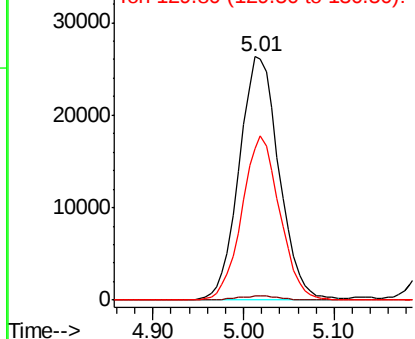
#28

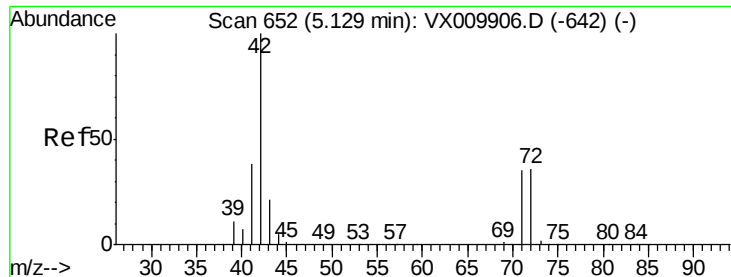
Bromochloromethane
Concen: 43.088 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 49 Resp: 80258
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 63.9 49.4 74.2



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: 241.630 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

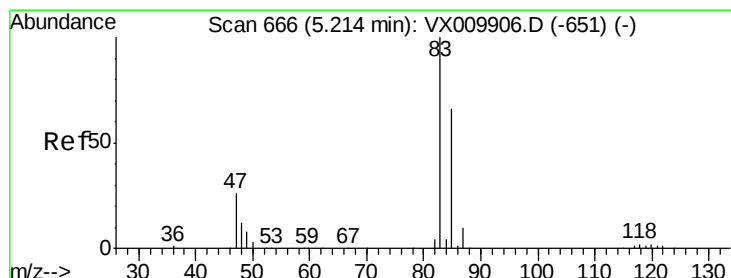
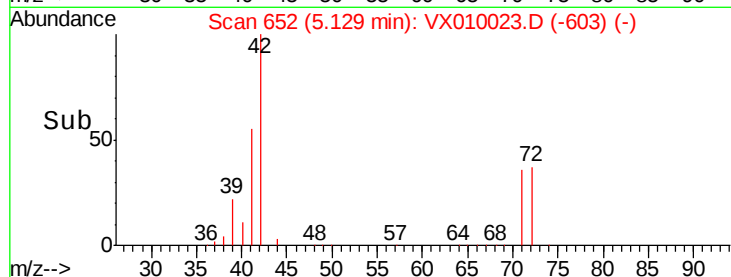
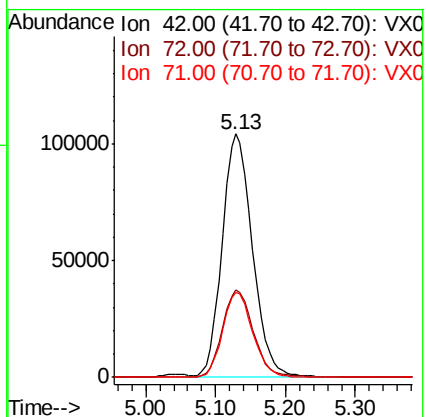
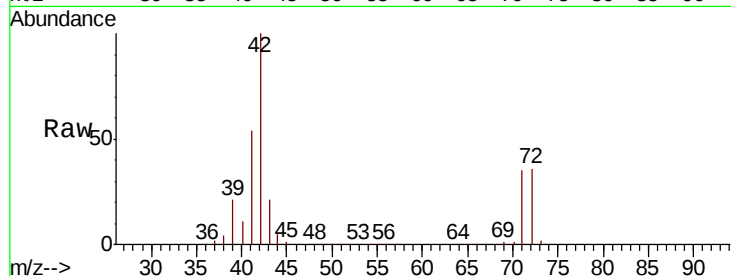
Tot Ion: 42 Resp: 311591

Ion Ratio Lower Upper

42 100

72 37.0 29.2 43.8

71 35.2 27.6 41.4



#30

Chloroform

Concen: 47.832 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010023.D

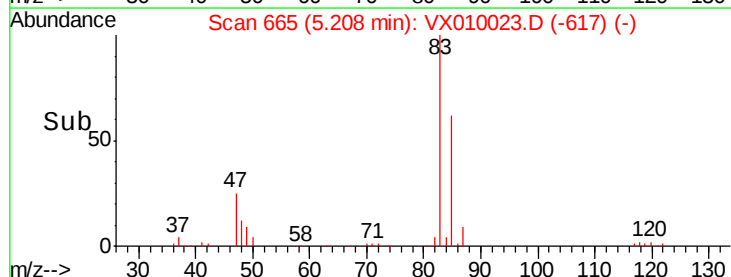
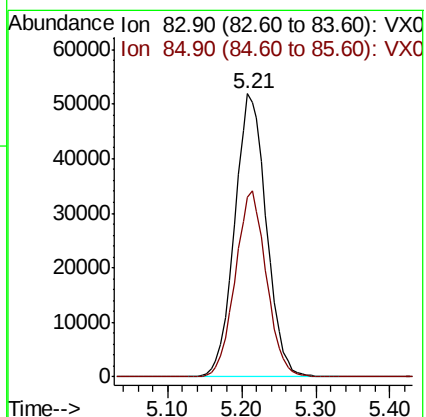
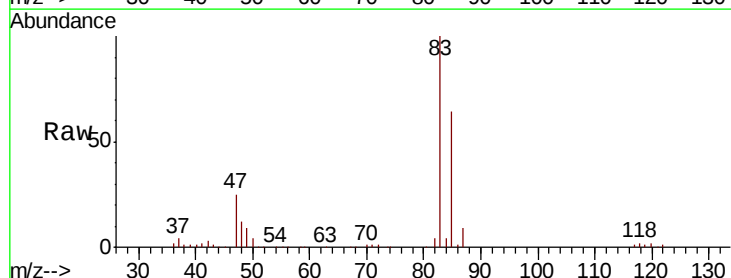
Acq: 01 Jun 2019 07:12

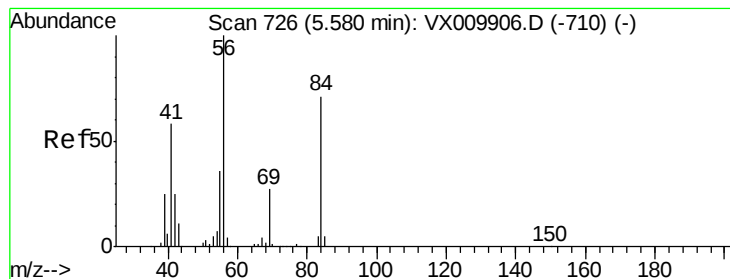
Tgt Ion: 83 Resp: 154836

Ion Ratio Lower Upper

83 100

85 63.6 52.6 78.8





#31

Cyclohexane

Concen: 47.647 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

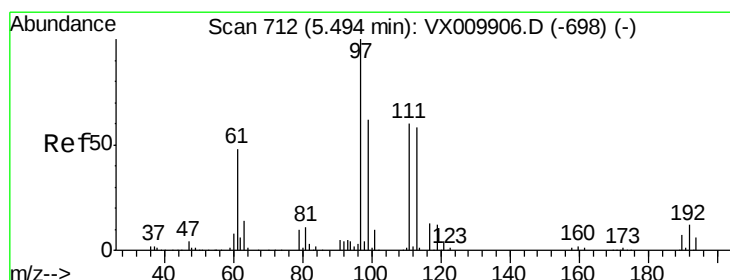
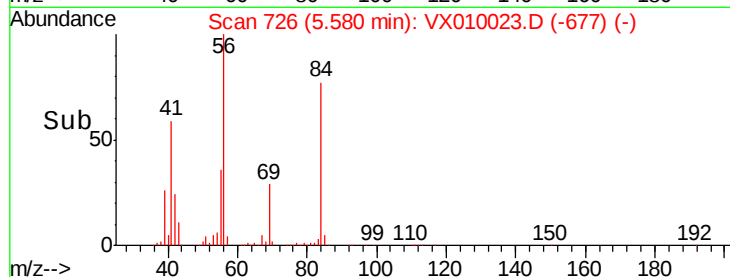
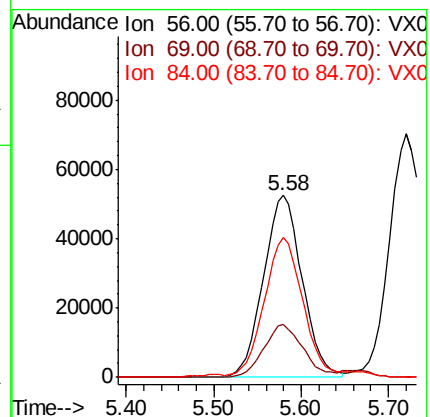
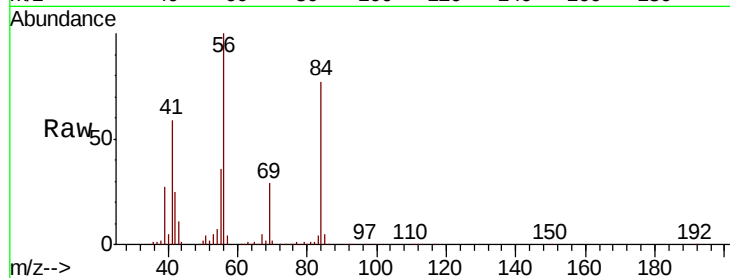
Tot Ion: 56 Resp: 161982

Ion Ratio Lower Upper

56 100

69 29.0 21.6 32.4

84 76.1 56.8 85.2



#32

1,1,1-Trichloroethane

Concen: 49.298 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

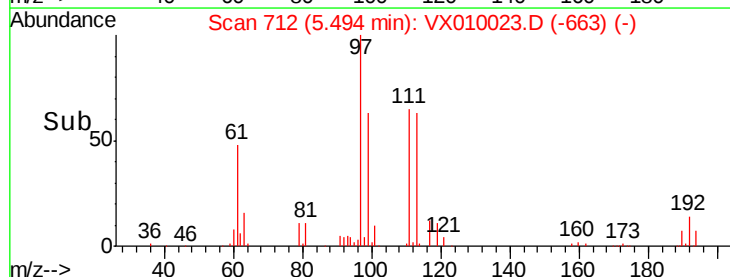
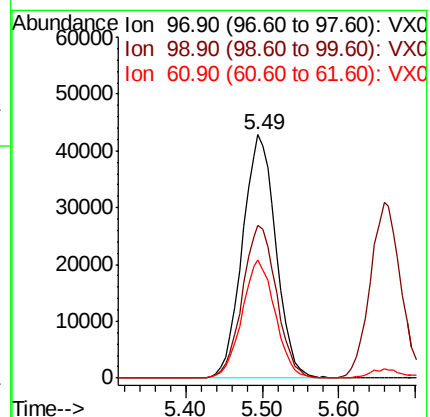
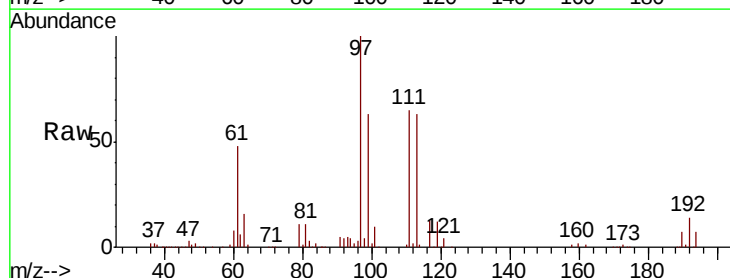
Tgt Ion: 97 Resp: 129964

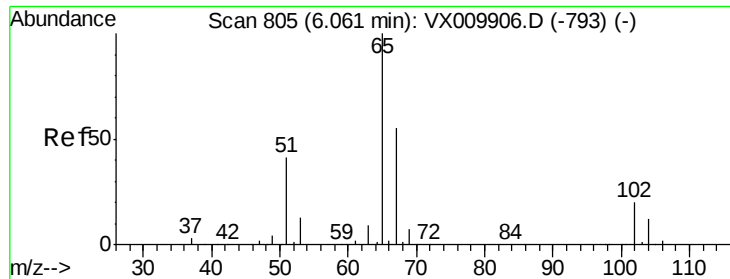
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 48.2 38.7 58.1

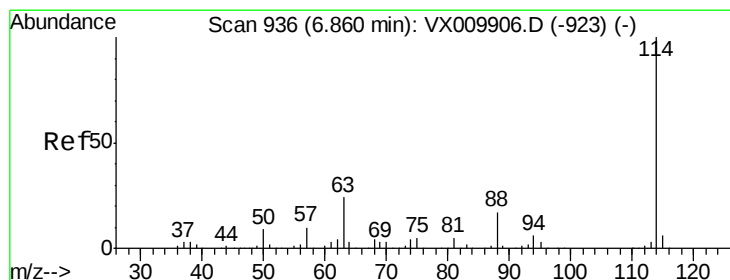
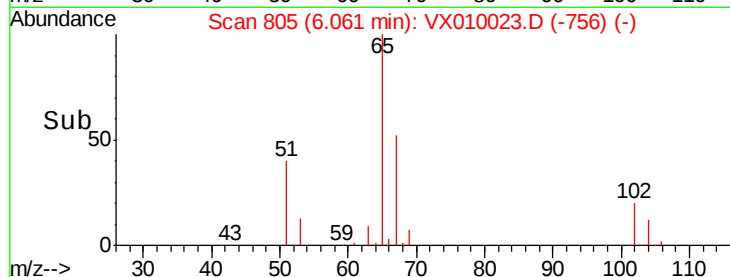
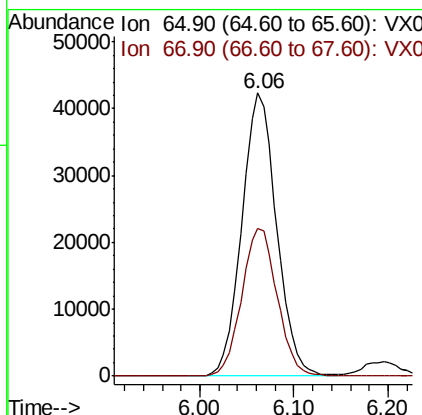
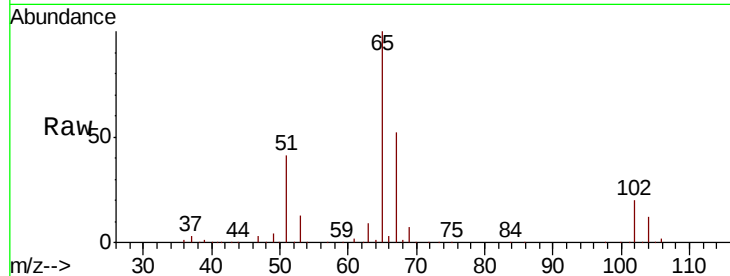




#33
 1,2-Dichloroethane-d4
 Concen: 48.985 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

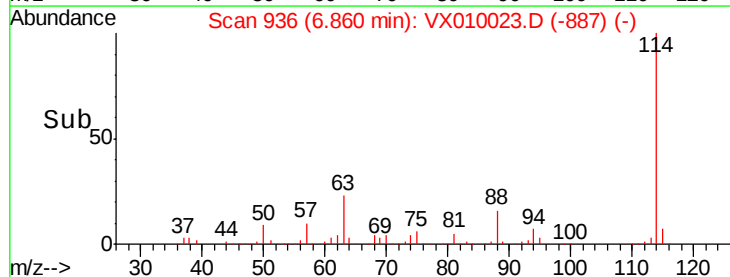
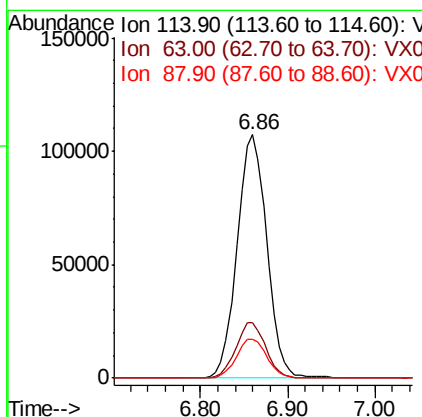
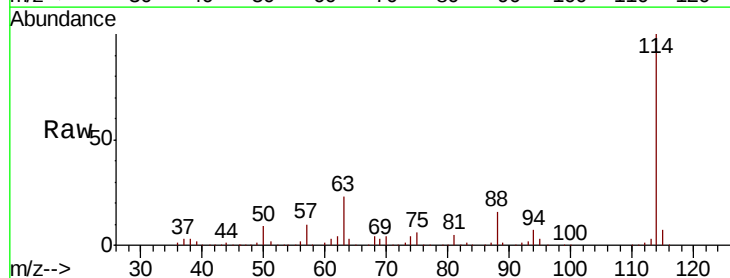
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

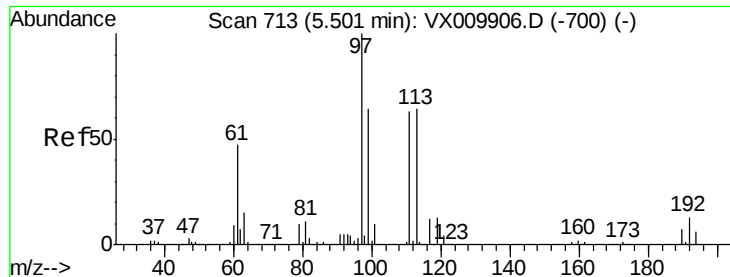
Tot Ion: 65 Resp: 109431
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion: 114 Resp: 253853
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.4
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.919 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

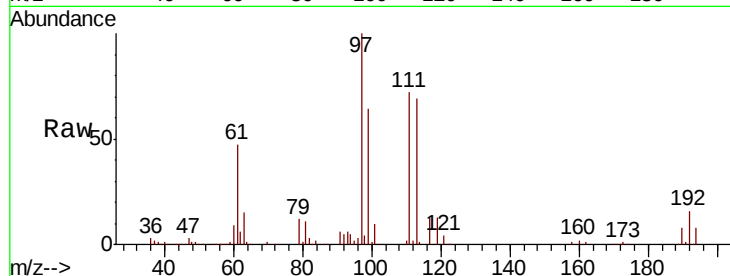
Tot Ion:113 Resp: 81266

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

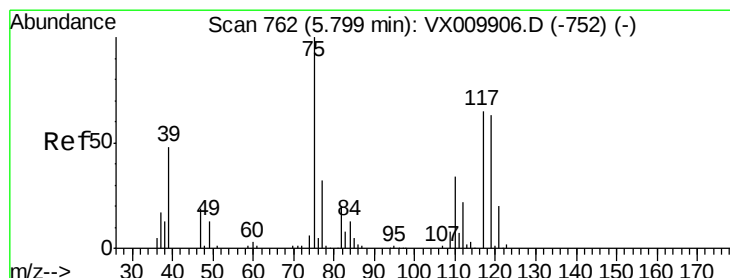
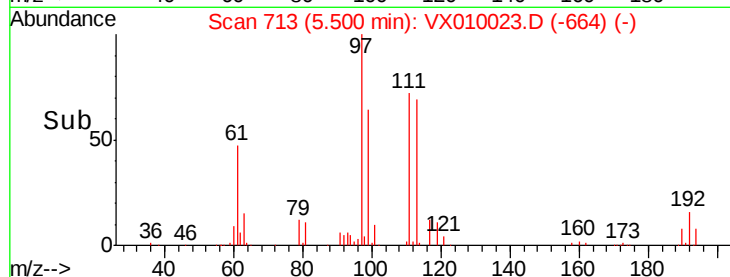
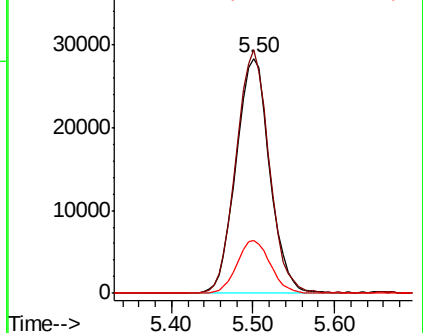
192 22.3 17.1 25.7



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: 46.108 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

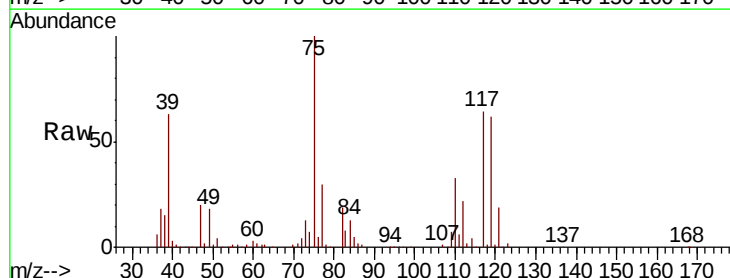
Tgt Ion: 75 Resp: 118758

Ion Ratio Lower Upper

75 100

110 34.0 16.7 50.1

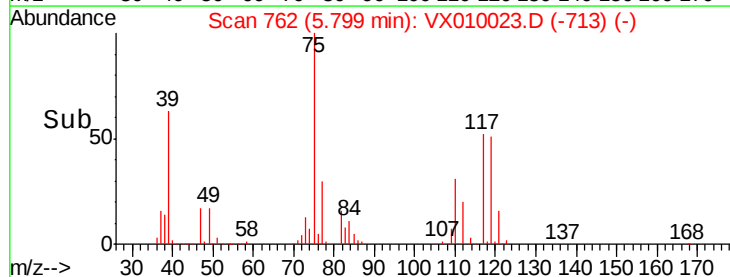
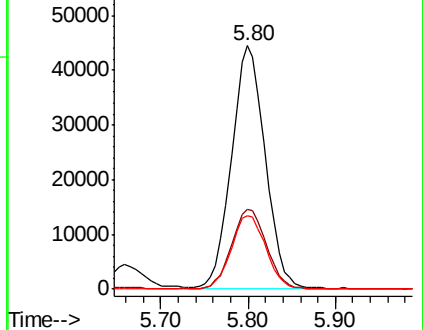
77 31.3 25.0 37.4

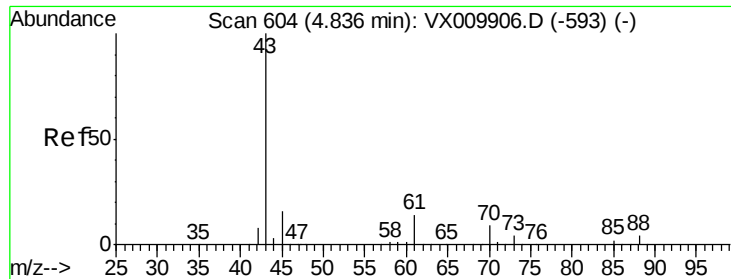


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

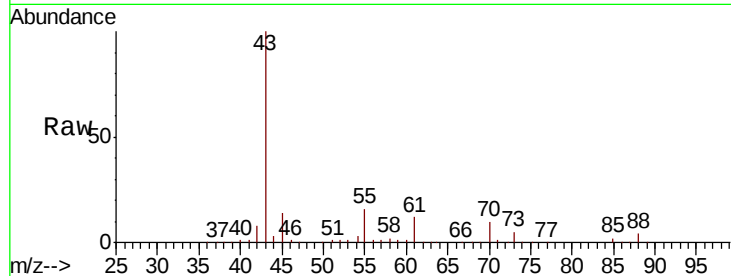




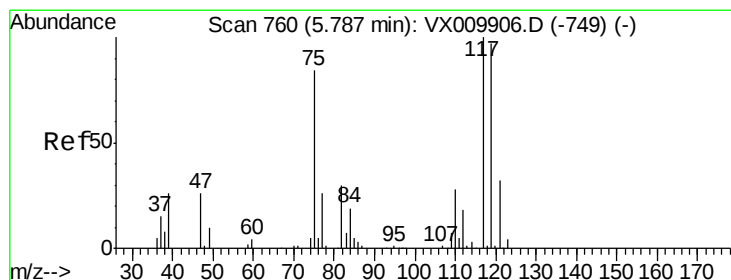
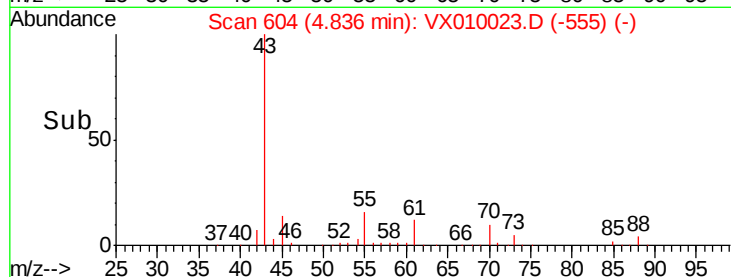
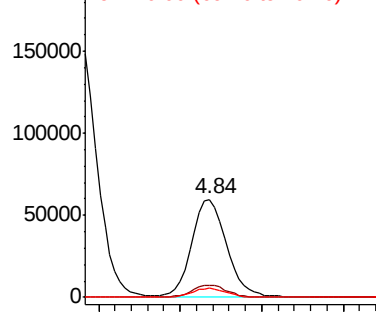
#37
Ethyl Acetate
Concen: 49.230 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 176677
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 9.2 7.4 11.2

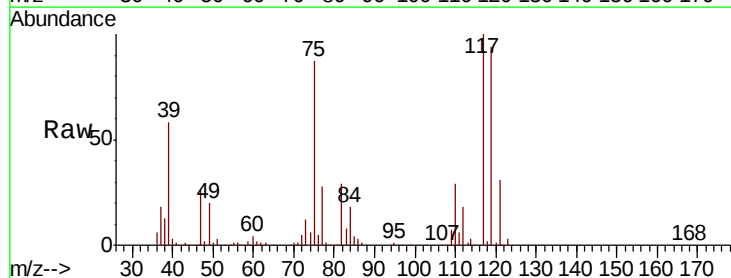


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

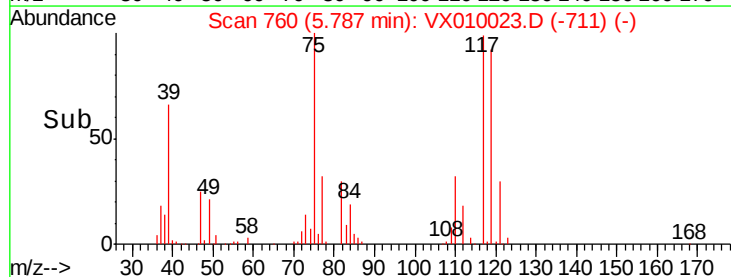
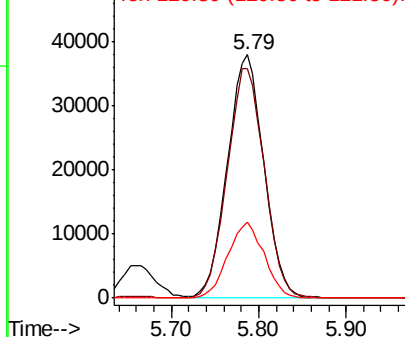


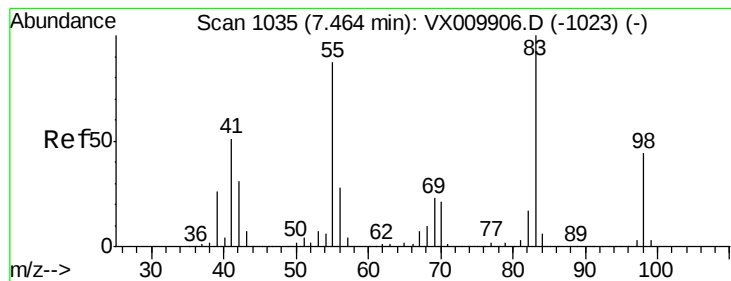
#38
Carbon Tetrachloride
Concen: 49.457 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 117 Resp: 110076
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 31.0 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 46.891 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

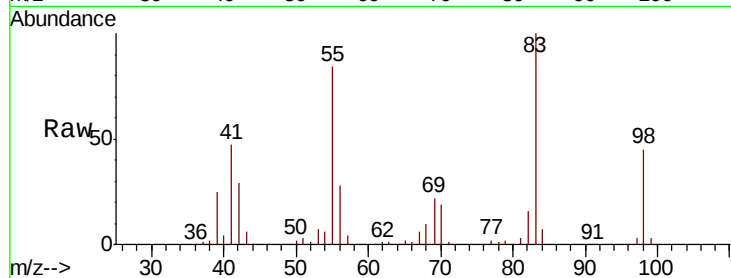
Tot Ion: 83 Resp: 143260

Ion Ratio Lower Upper

83 100

55 83.5 69.9 104.9

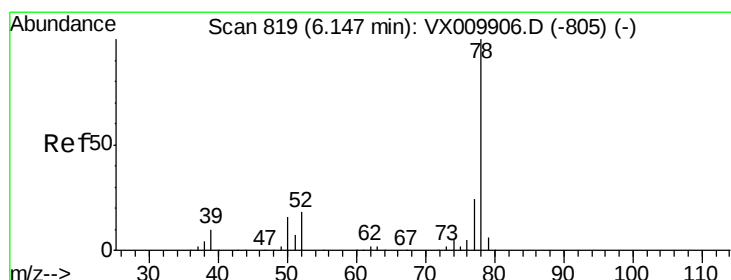
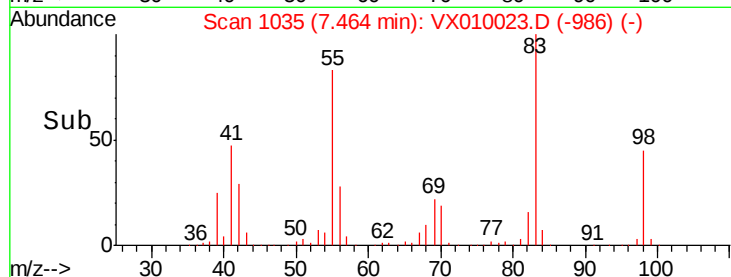
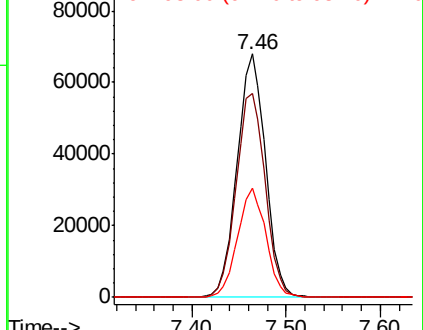
98 45.0 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 47.787 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX010023.D

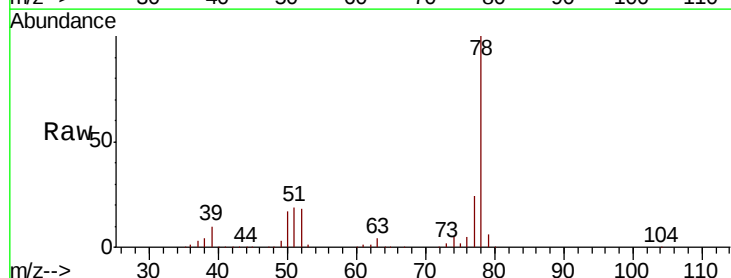
Acq: 01 Jun 2019 07:12

Tgt Ion: 78 Resp: 365117

Ion Ratio Lower Upper

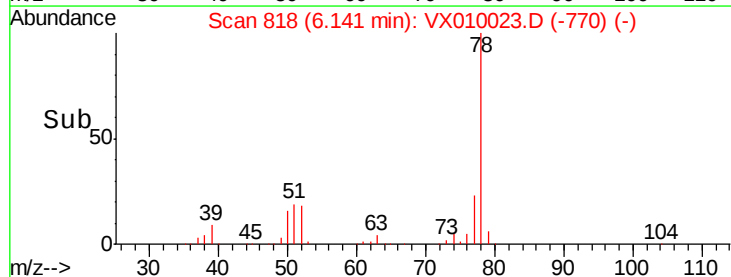
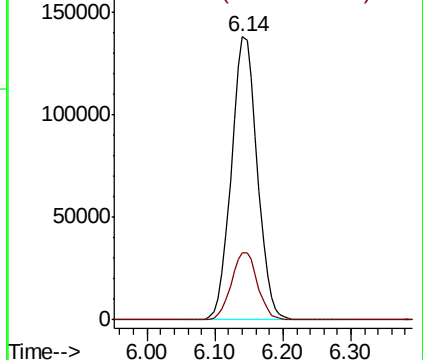
78 100

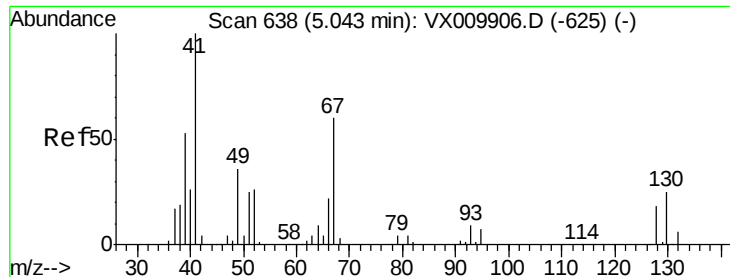
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.989 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 100636

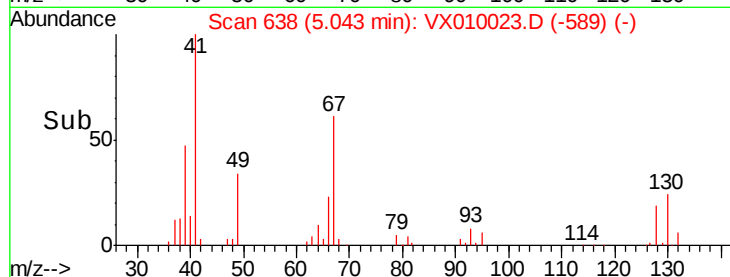
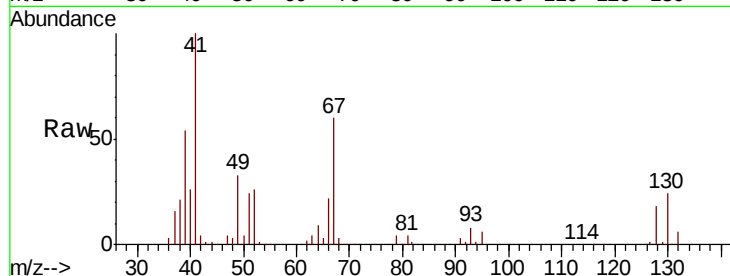
Ion Ratio Lower Upper

41 100

39 52.0 42.2 63.4

67 60.3 48.9 73.3

52 26.9 20.1 30.1

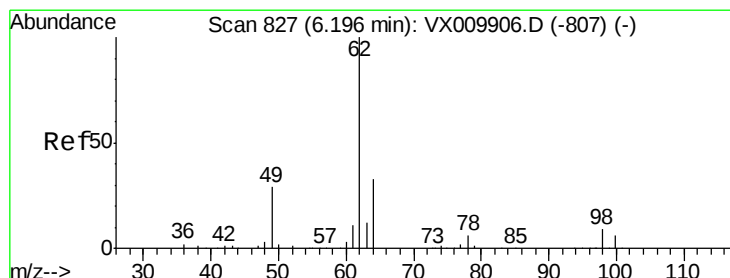
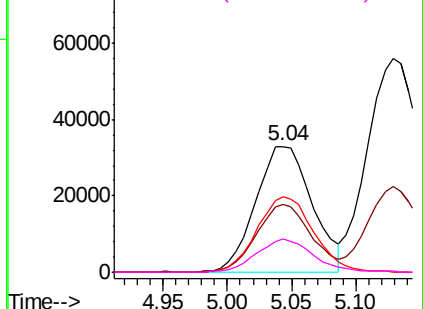


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.613 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010023.D

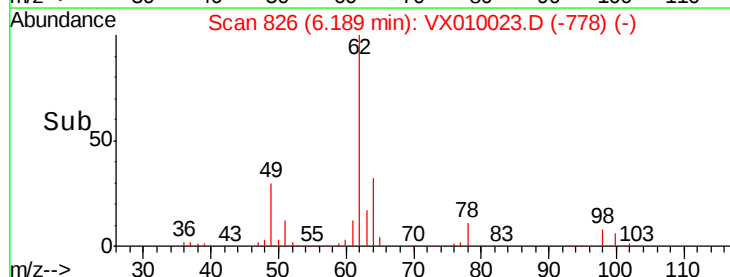
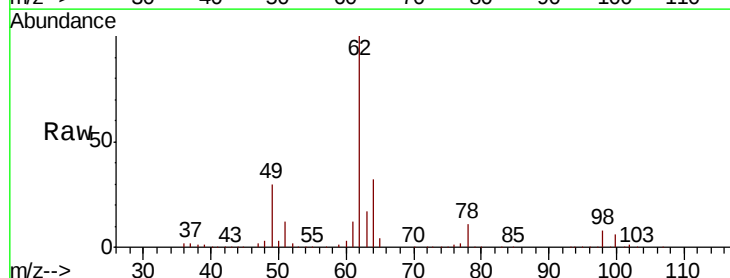
Acq: 01 Jun 2019 07:12

Tgt Ion: 62 Resp: 134489

Ion Ratio Lower Upper

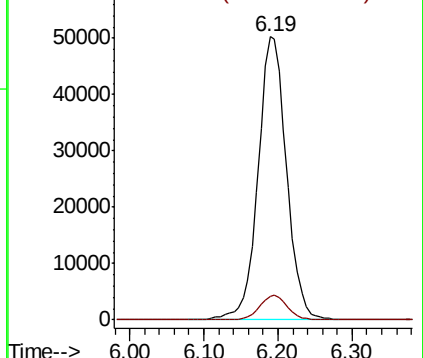
62 100

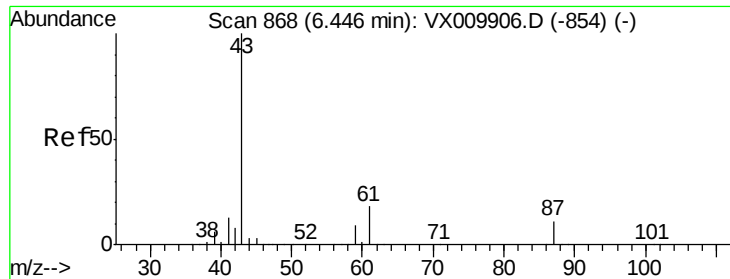
98 8.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.723 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

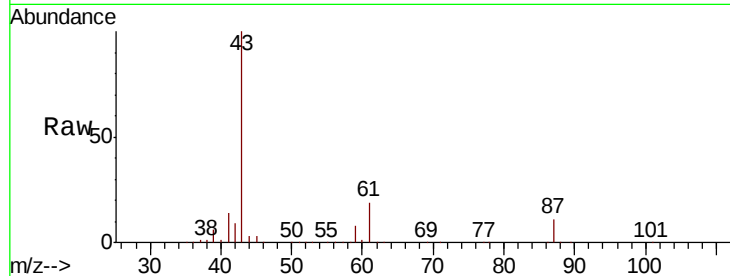
Tot Ion: 43 Resp: 276350

Ion Ratio Lower Upper

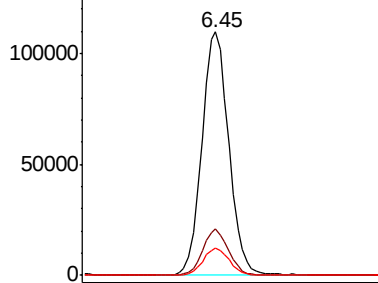
43 100

61 18.4 14.6 21.8

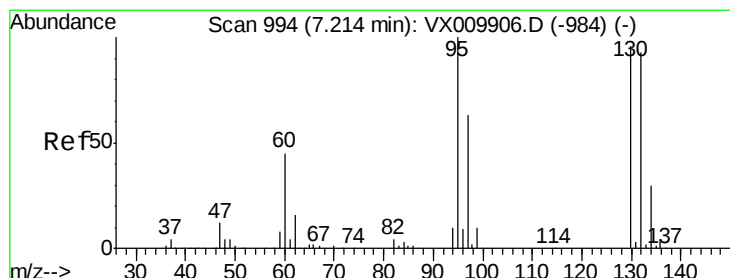
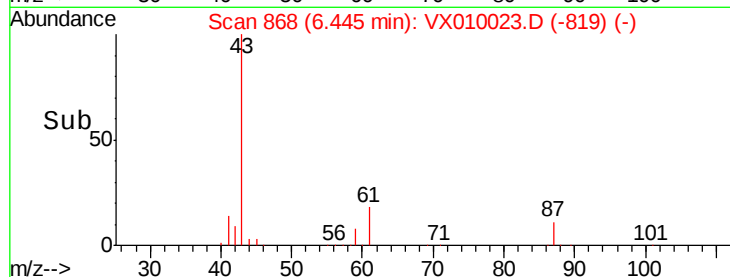
87 11.1 8.7 13.1



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



Time-->



#44

Trichloroethene

Concen: 47.289 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010023.D

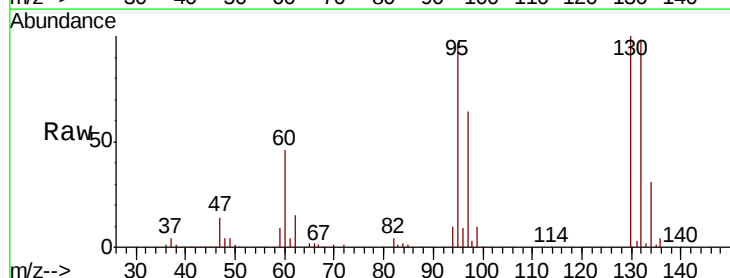
Acq: 01 Jun 2019 07:12

Tgt Ion:130 Resp: 87763

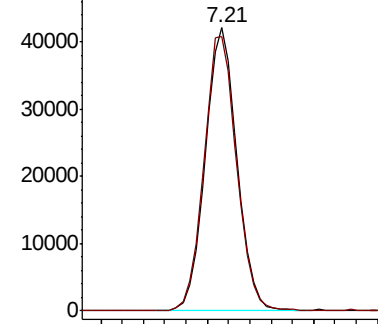
Ion Ratio Lower Upper

130 100

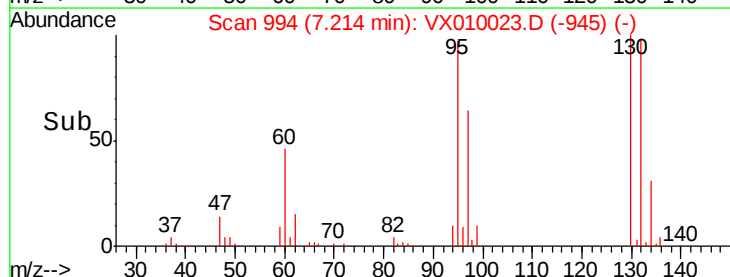
95 97.1 0.0 207.4

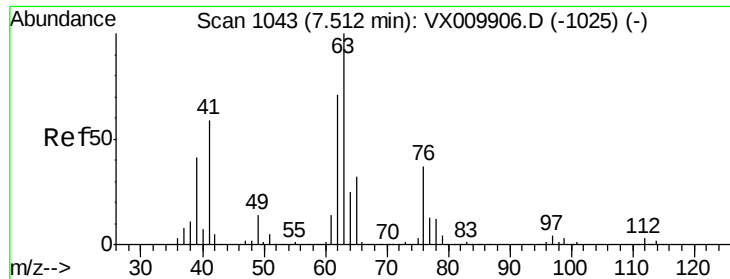


Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0



Time-->

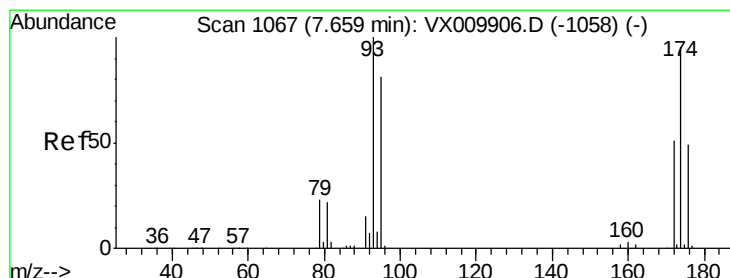
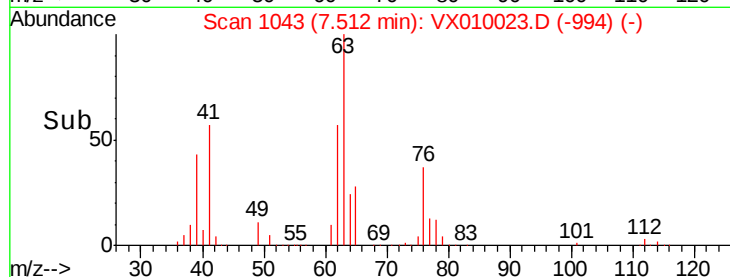
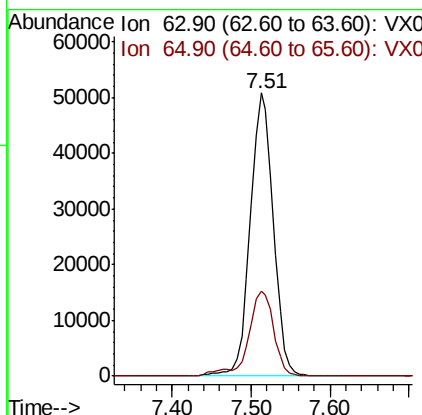
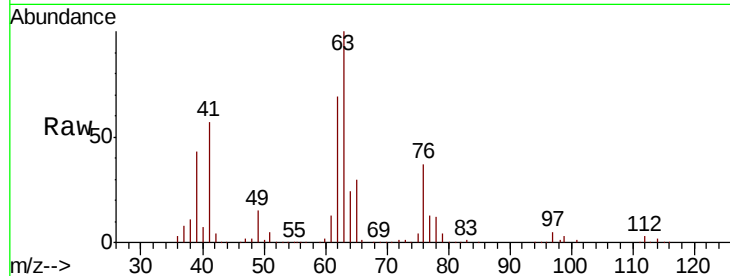




#45
 1,2-Dichloropropane
 Concen: 47.102 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

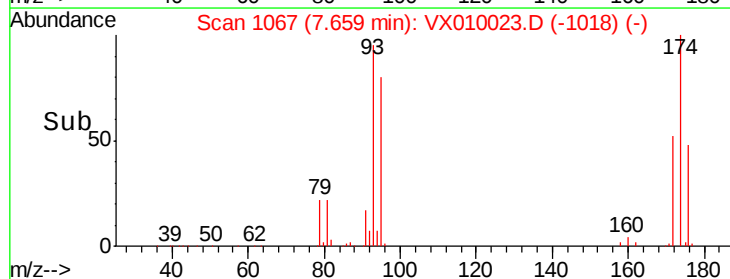
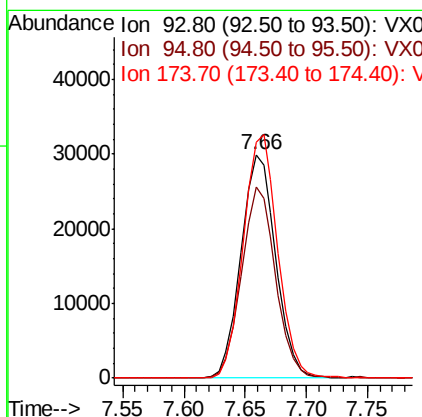
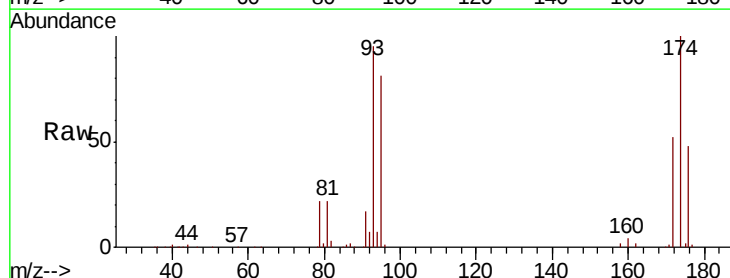
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

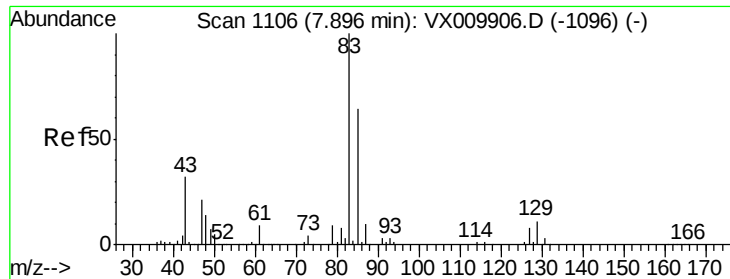
Tot Ion: 63 Resp: 103597
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.7 38.5



#46
 Dibromomethane
 Concen: 45.649 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion: 93 Resp: 59099
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 108.1 81.9 122.9





#47

Bromodichloromethane

Concen: 49.473 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

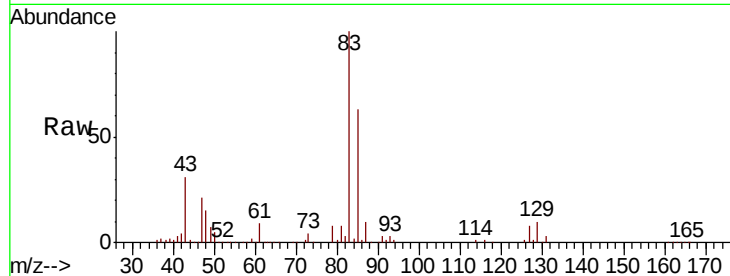
Tot Ion: 83 Resp: 121799

Ion Ratio Lower Upper

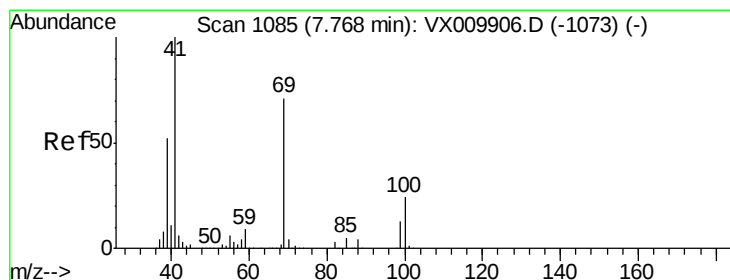
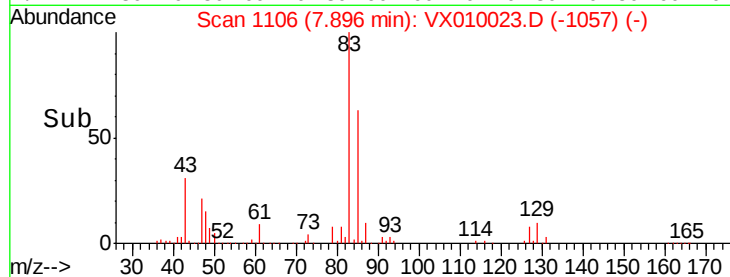
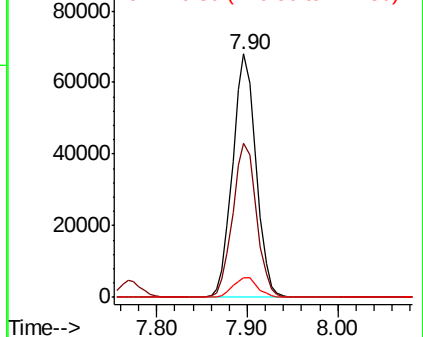
83 100

85 63.3 51.4 77.2

127 8.1 6.4 9.6



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: 49.142 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

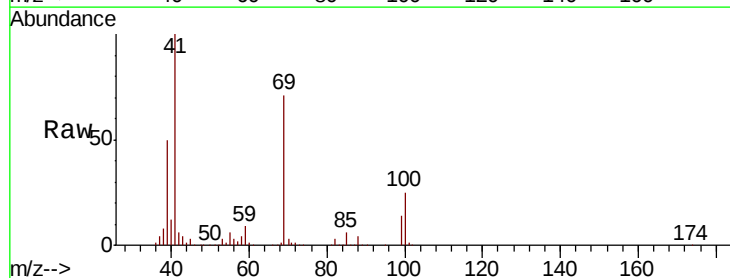
Tgt Ion: 41 Resp: 140872

Ion Ratio Lower Upper

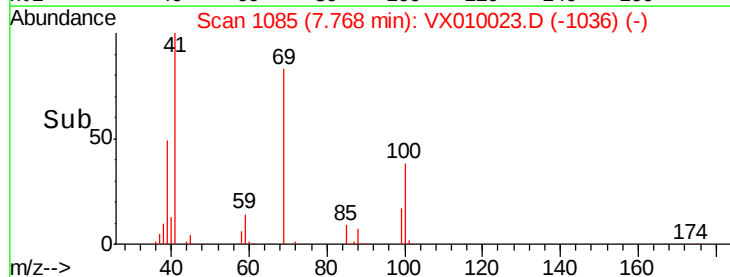
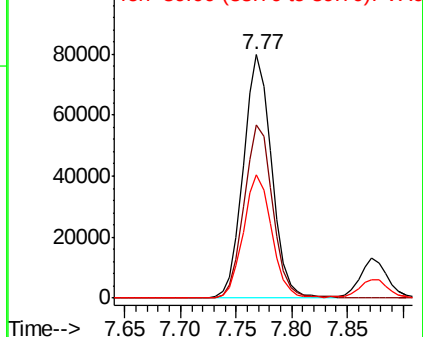
41 100

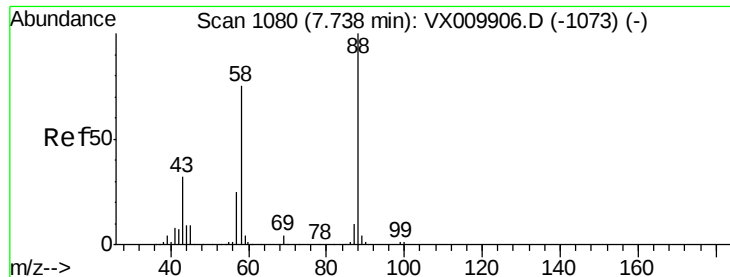
69 72.2 56.4 84.6

39 50.6 40.6 60.8



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: 1029.863 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

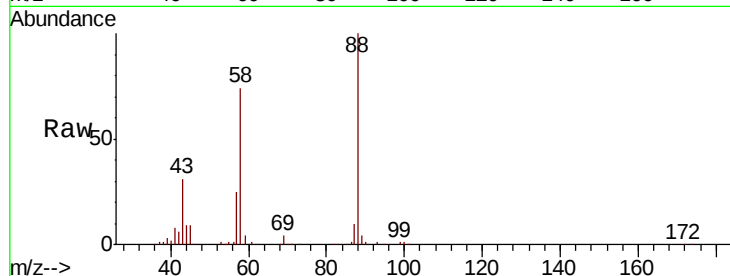
Tot Ion: 88 Resp: 54914

Ion Ratio Lower Upper

88 100

43 36.1 30.2 45.4

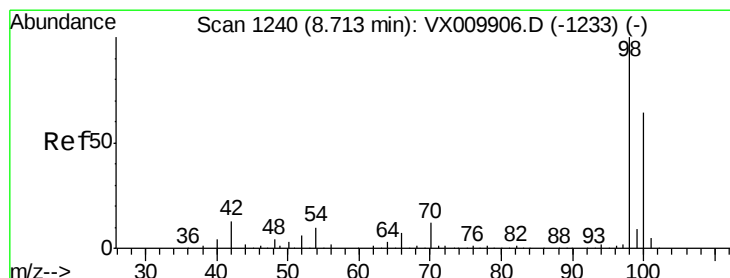
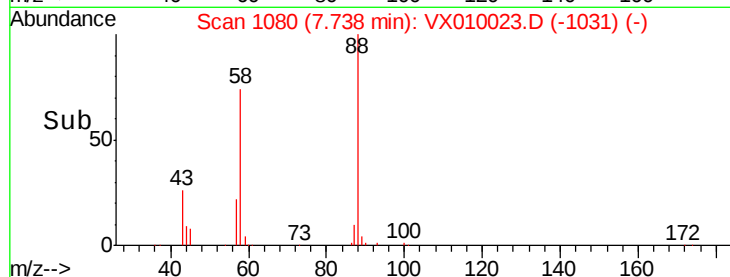
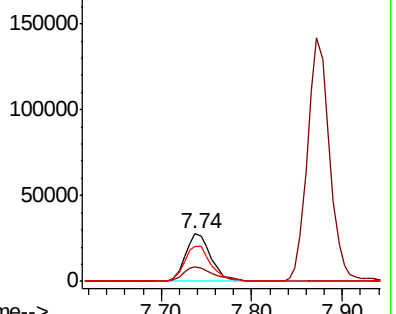
58 77.2 64.0 96.0



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: 51.021 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010023.D

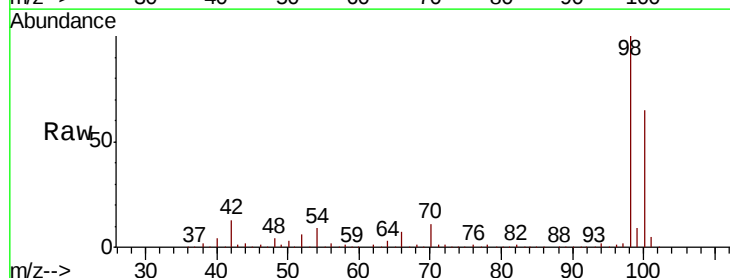
Acq: 01 Jun 2019 07:12

Tgt Ion: 98 Resp: 330662

Ion Ratio Lower Upper

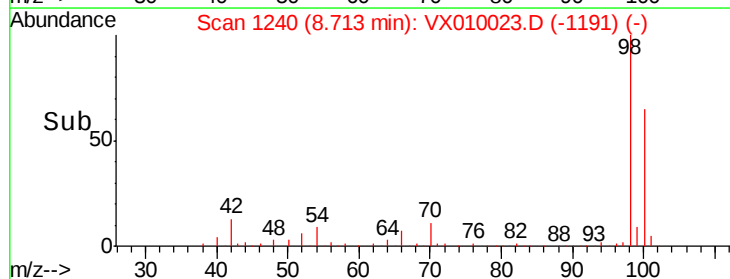
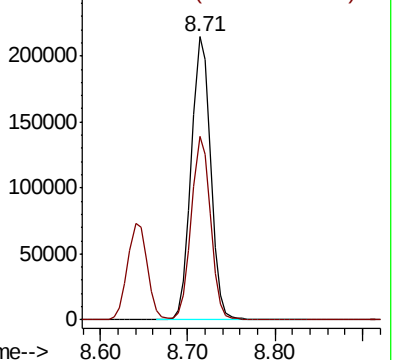
98 100

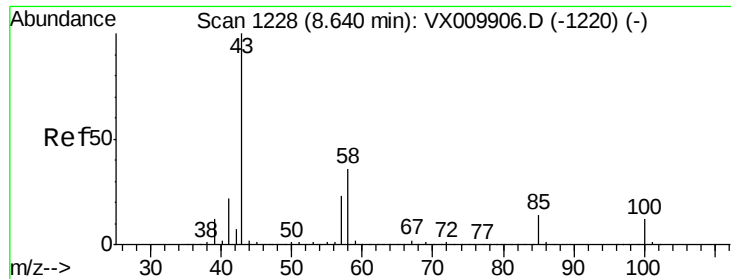
100 64.1 51.5 77.3



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: 246.872 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

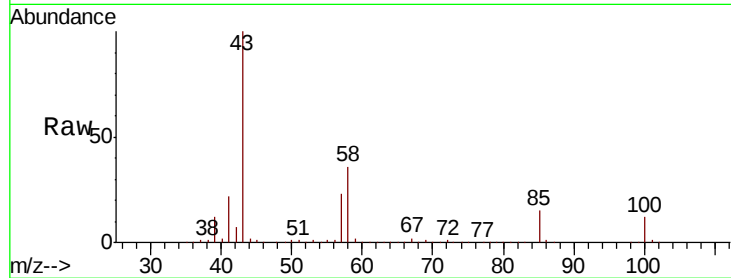
VSTDCCC050EC

Tot Ion: 43 Resp: 929953

Ion Ratio Lower Upper

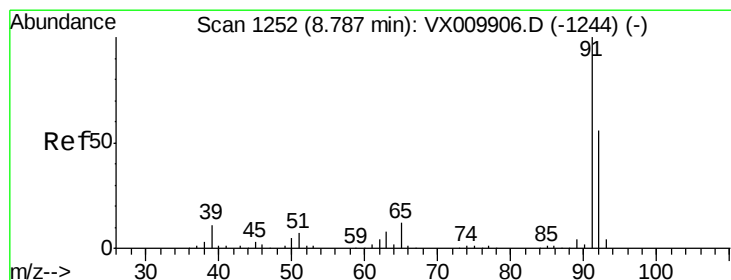
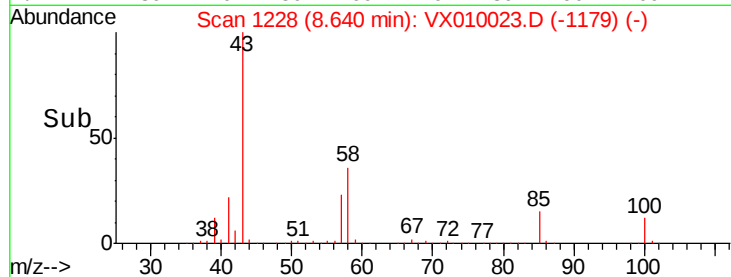
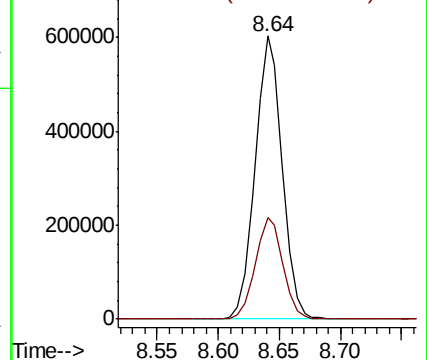
43 100

58 36.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.857 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010023.D

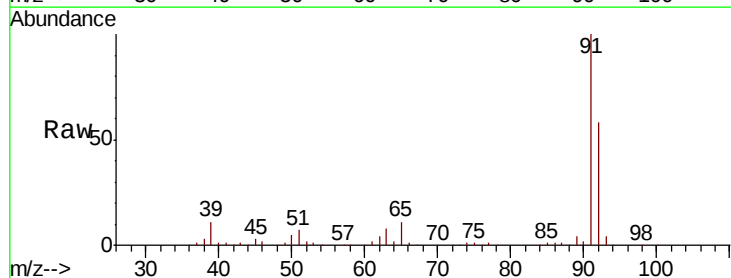
Acq: 01 Jun 2019 07:12

Tgt Ion: 92 Resp: 226647

Ion Ratio Lower Upper

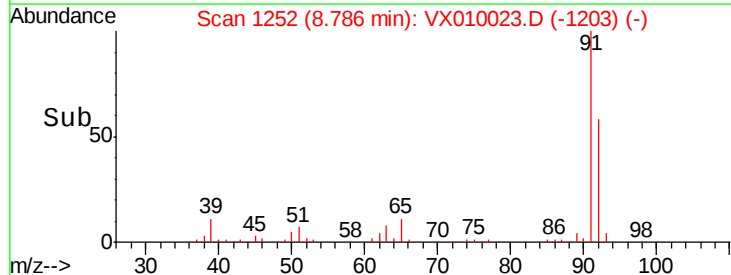
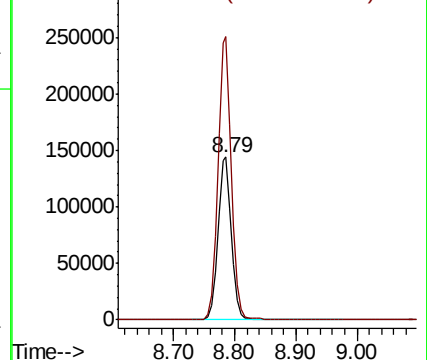
92 100

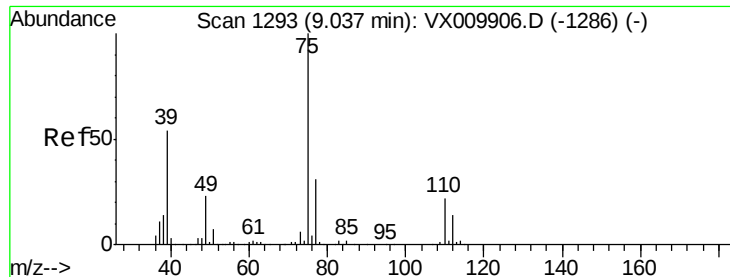
91 173.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

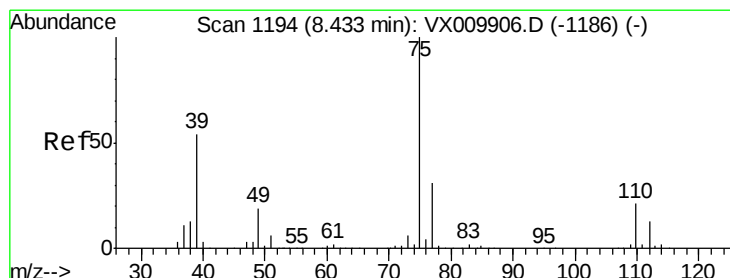
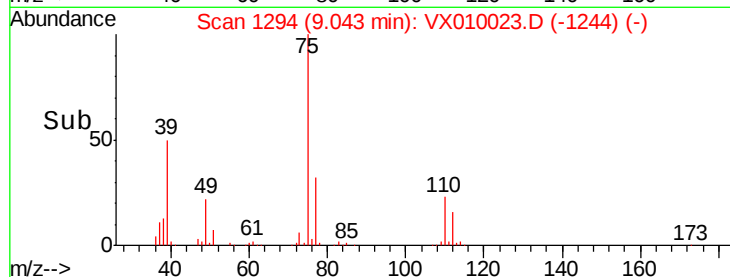
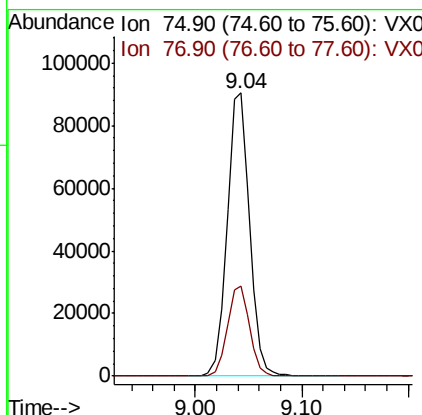
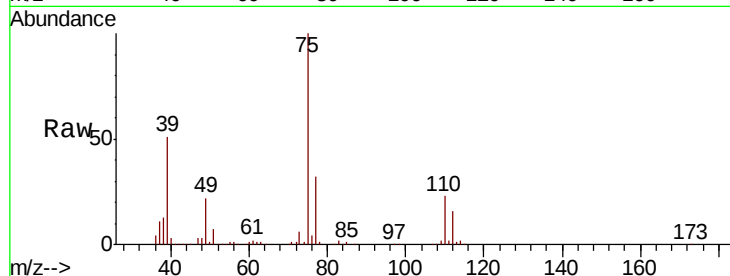




#53
t-1,3-Dichloropropene
Concen: 45.119 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

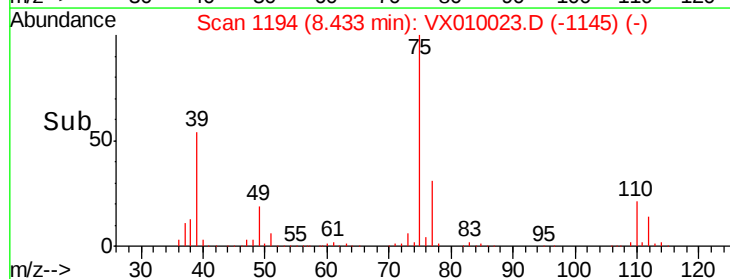
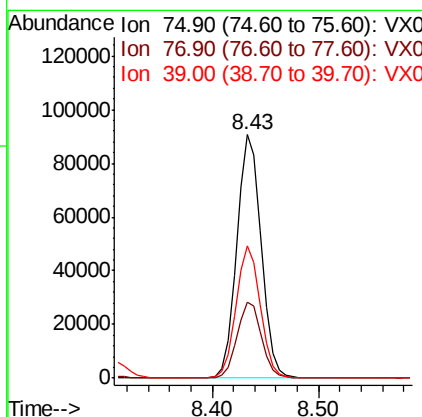
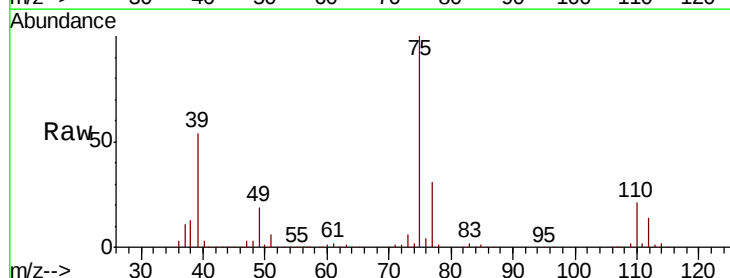
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

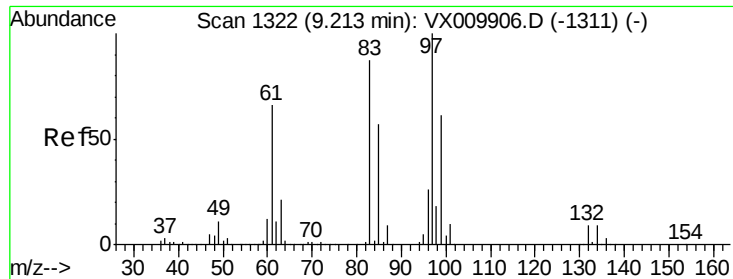
Tot Ion: 75 Resp: 133217
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 45.285 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 75 Resp: 145681
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 54.1 43.4 65.0

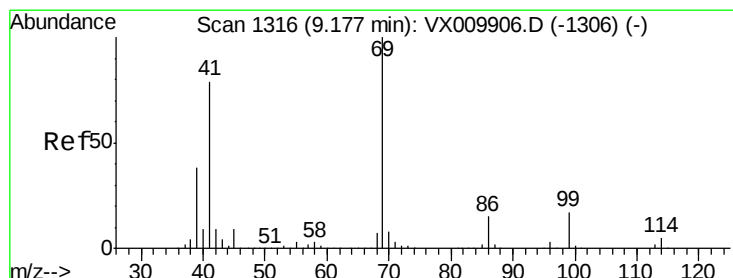
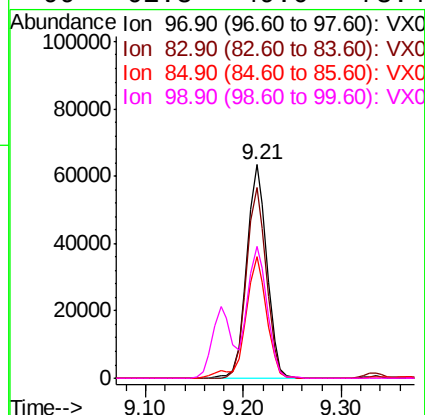
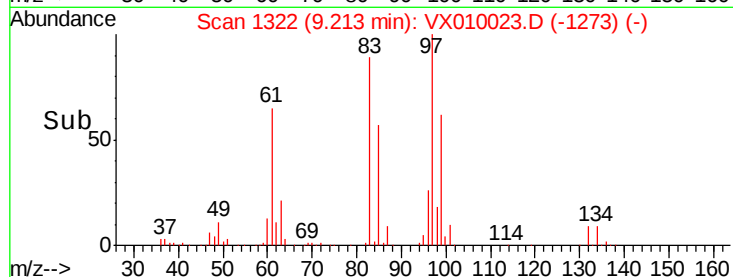
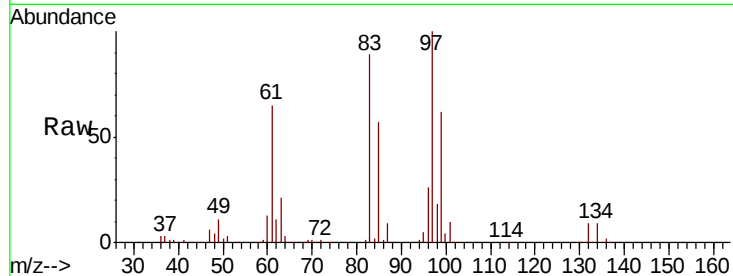




#55
 1,1,2-Trichloroethane
 Concen: 48.605 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

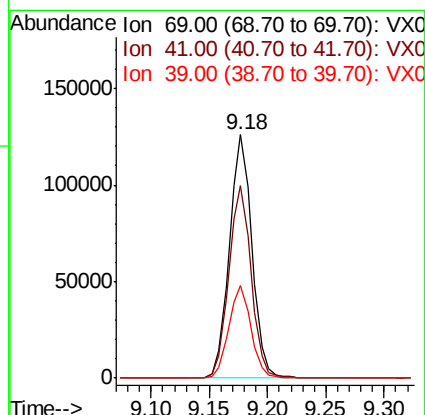
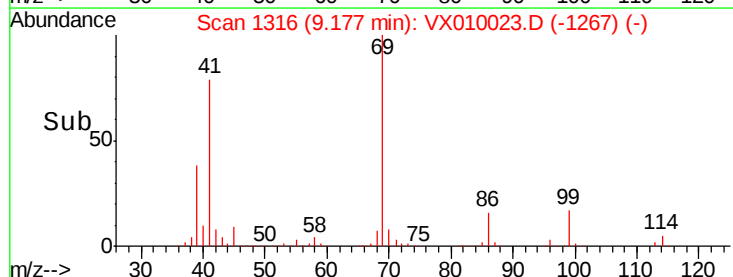
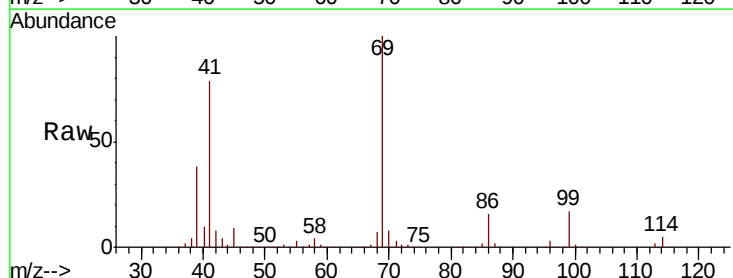
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

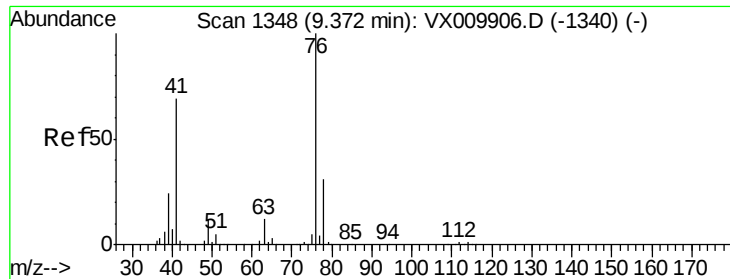
Tot Ion: 97 Resp: 90752
 Ion Ratio Lower Upper
 97 100
 83 89.0 69.8 104.8
 85 57.2 45.3 67.9
 99 61.8 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 50.858 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion: 69 Resp: 169058
 Ion Ratio Lower Upper
 69 100
 41 78.6 62.7 94.1
 39 37.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 48.146 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

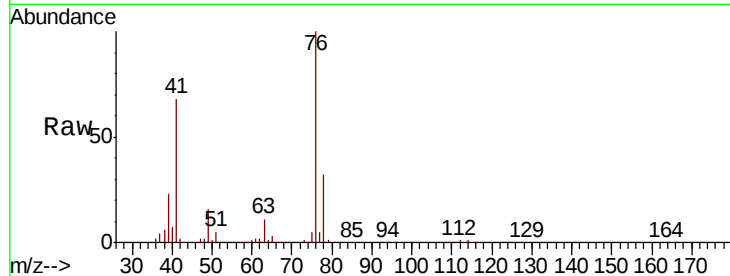
VSTDCCC050EC

Tot Ion: 76 Resp: 161444

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

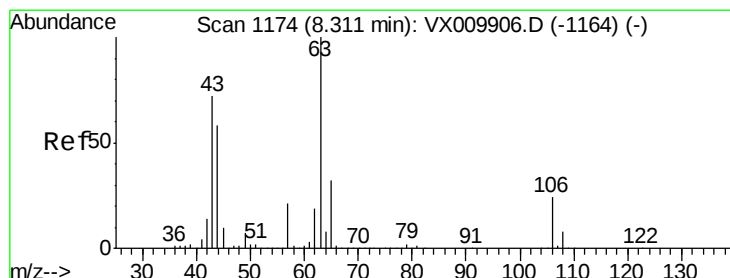
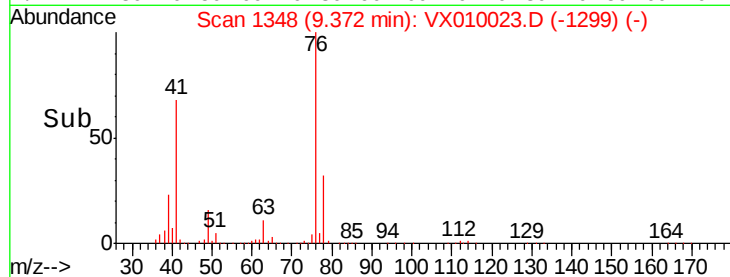
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.132 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010023.D

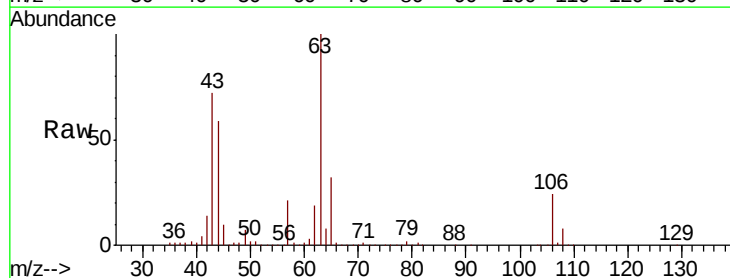
Acq: 01 Jun 2019 07:12

Tgt Ion: 63 Resp: 427284

Ion Ratio Lower Upper

63 100

106 24.4 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

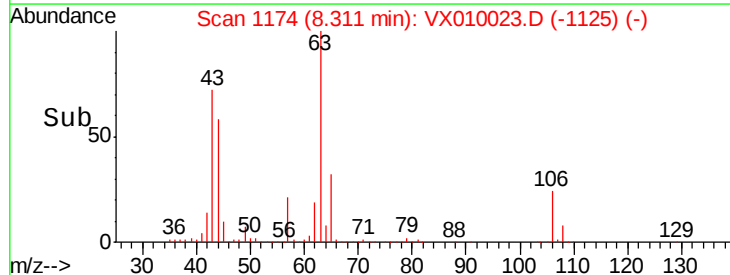
150000

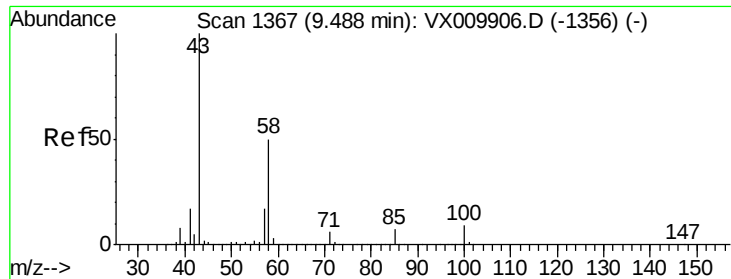
100000

50000

0

Time-->

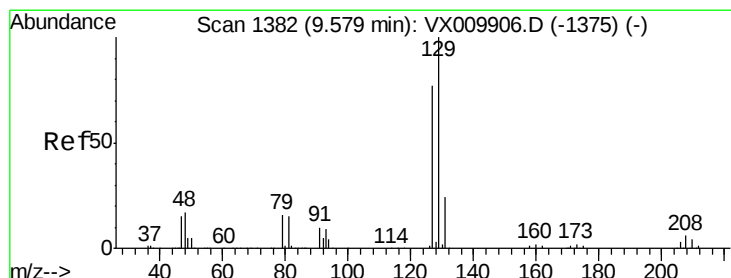
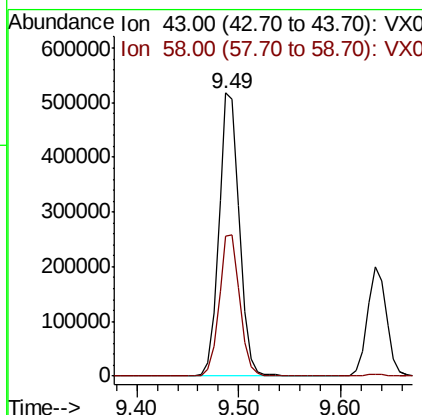
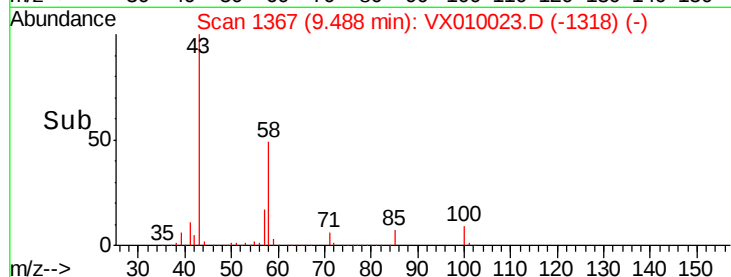
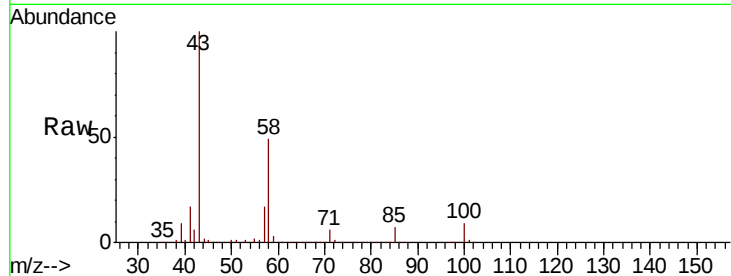




#59
2-Hexanone
Concen: 249.318 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

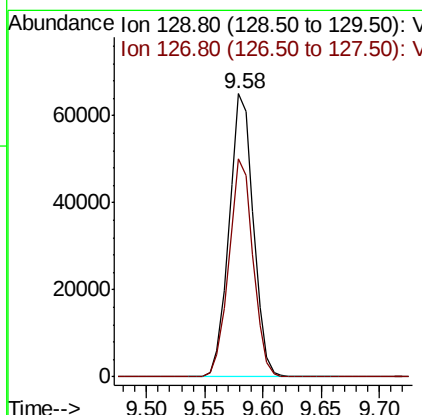
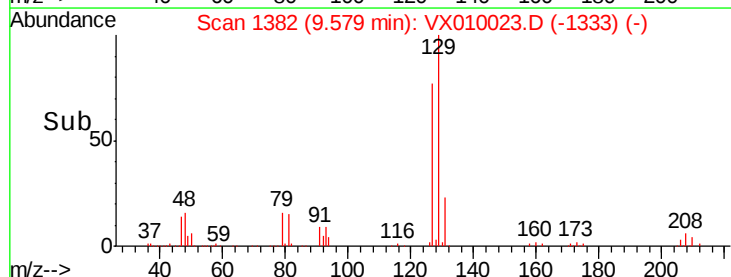
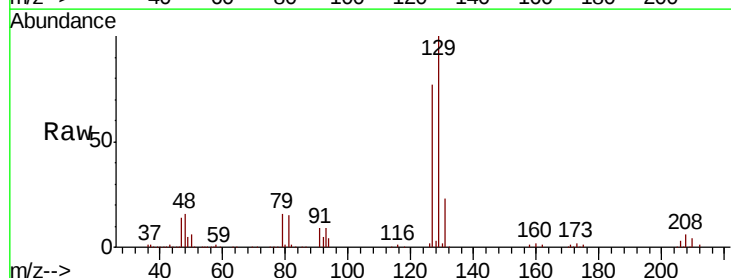
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

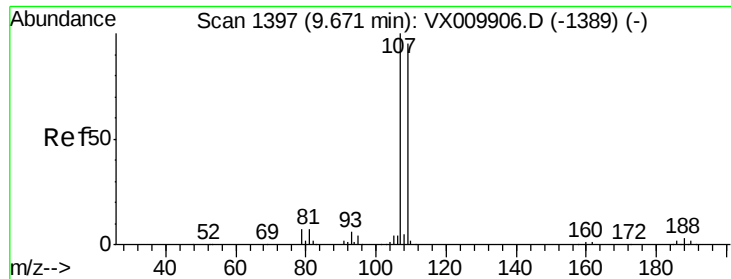
Tot Ion: 43 Resp: 723067
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.3



#60
Dibromochloromethane
Concen: 51.297 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:129 Resp: 94217
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.286 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

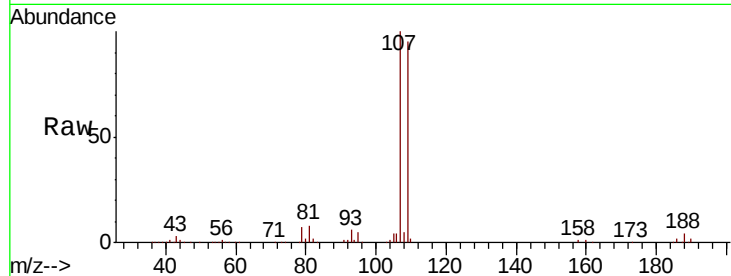
VSTDCCC050EC

Tot Ion:107 Resp: 92623

Ion Ratio Lower Upper

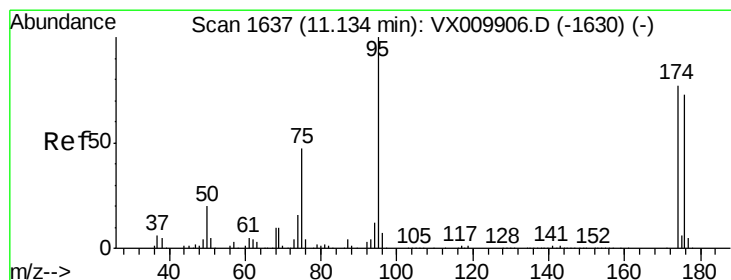
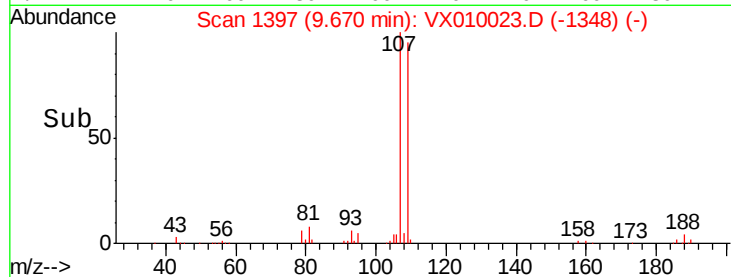
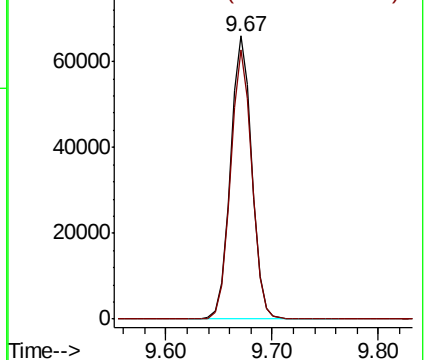
107 100

109 95.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.411 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

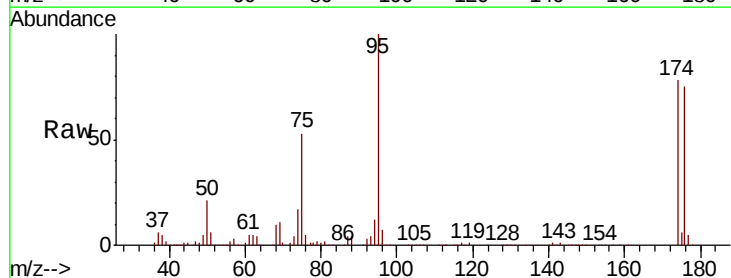
Tgt Ion: 95 Resp: 122005

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

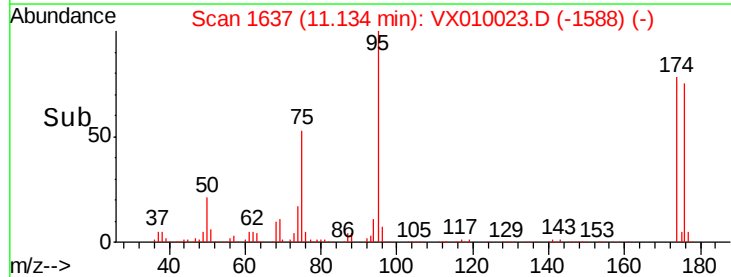
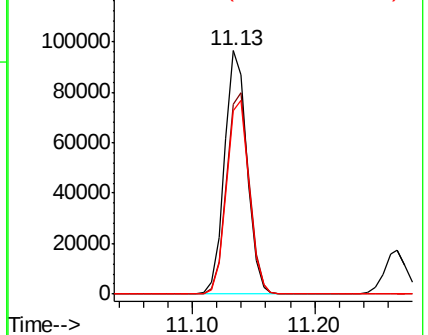
176 80.5 0.0 154.6

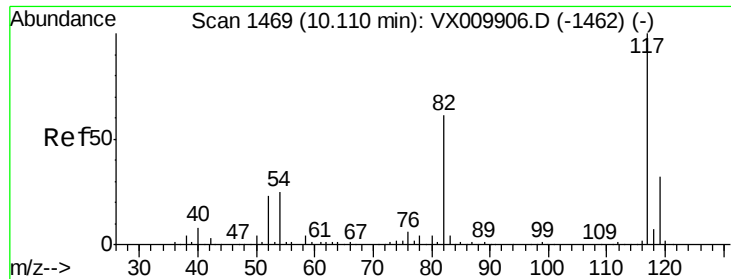


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

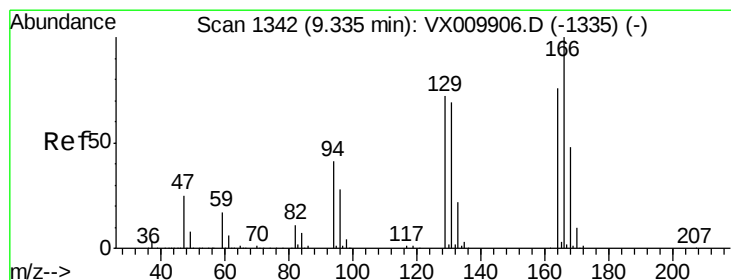
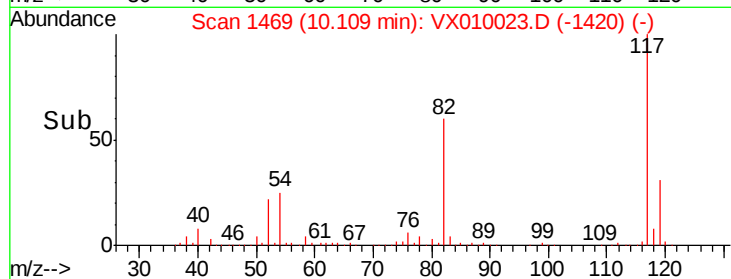
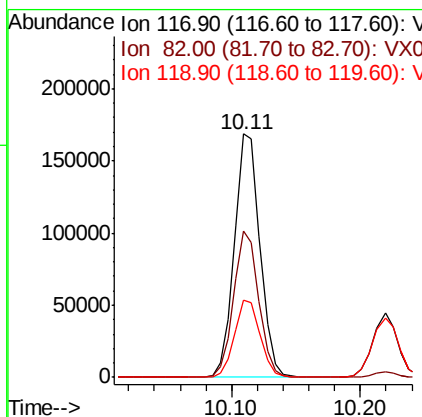
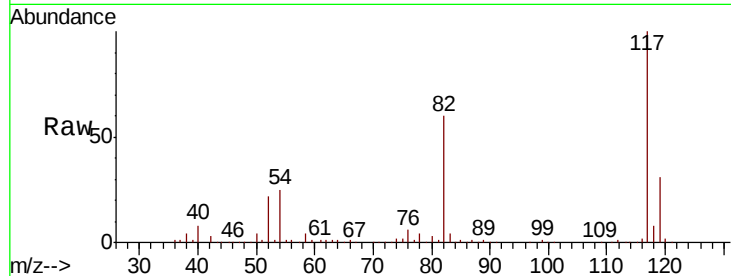




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

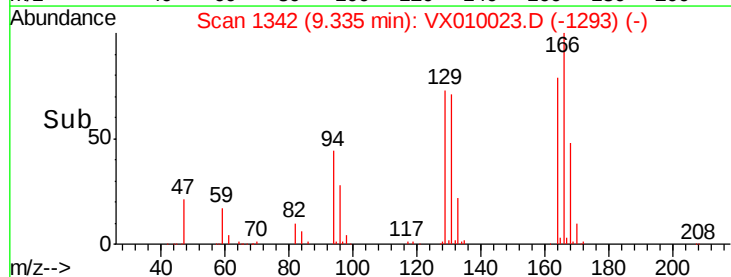
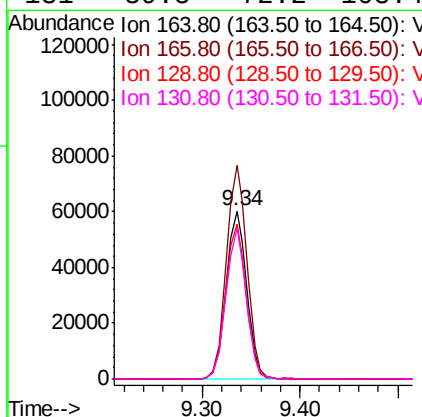
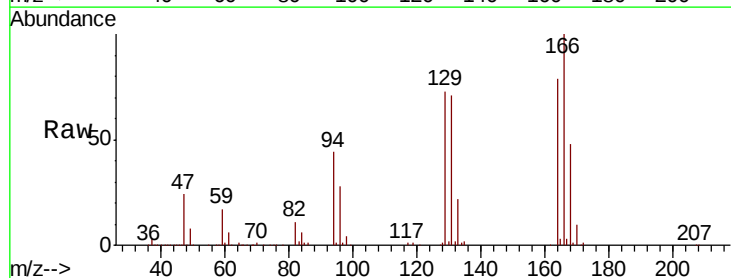
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

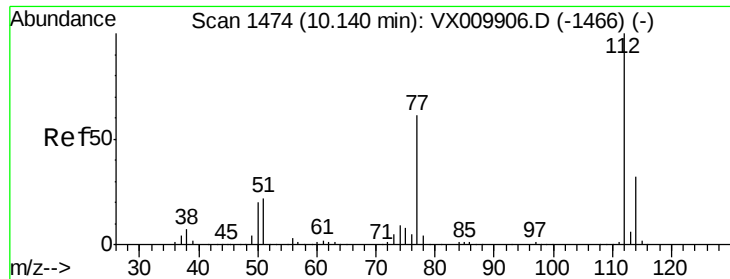
Tot Ion:117 Resp: 234001
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 53.589 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:164 Resp: 87590
Ion Ratio Lower Upper
164 100
166 126.9 105.0 157.4
129 92.1 75.1 112.7
131 89.5 72.2 108.4

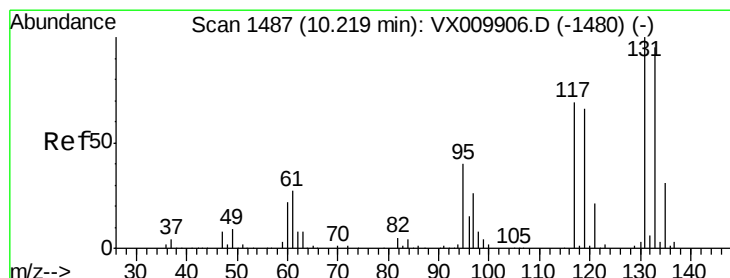
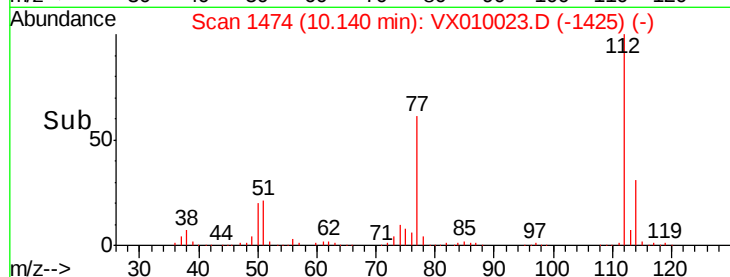
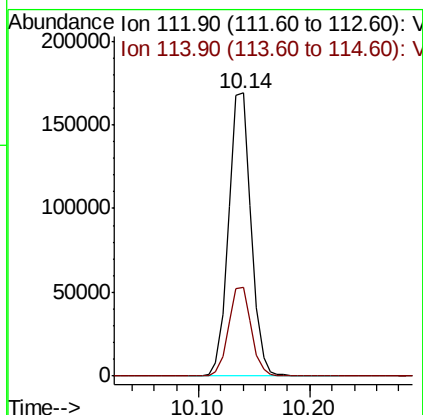
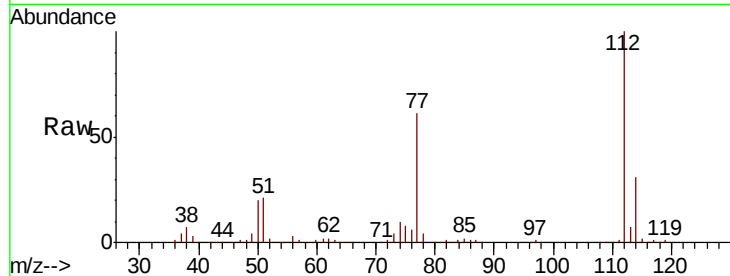




#65
Chlorobenzene
Concen: 48.107 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

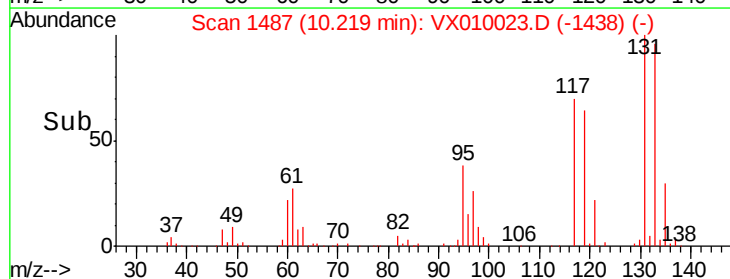
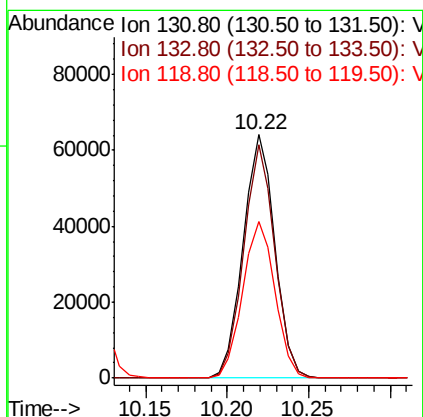
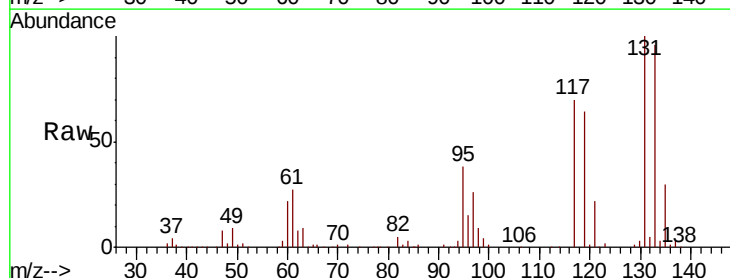
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

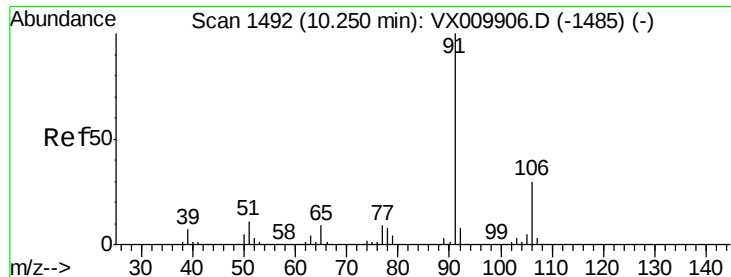
Tot Ion:112 Resp: 235667
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.229 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:131 Resp: 87044
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 65.8 33.4 100.1

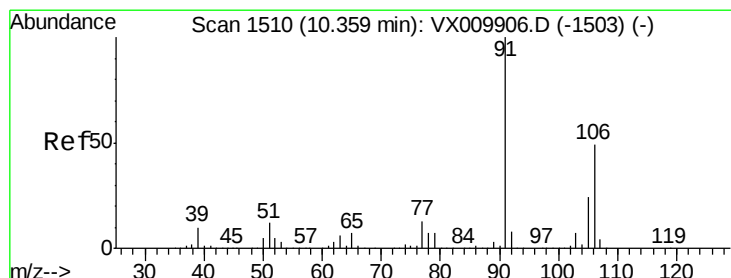
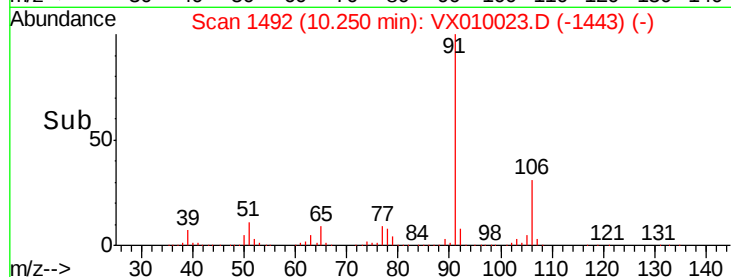
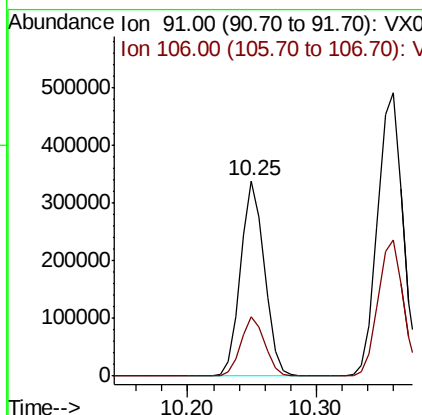
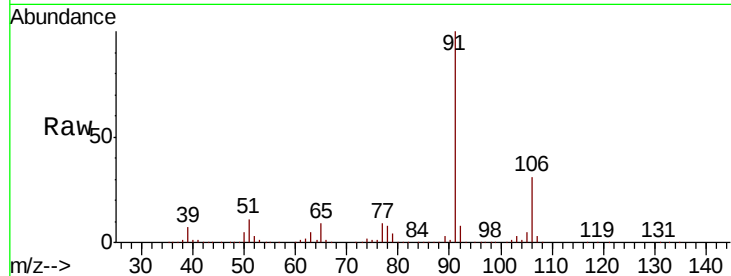




#67
Ethyl Benzene
Concen: 49.376 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

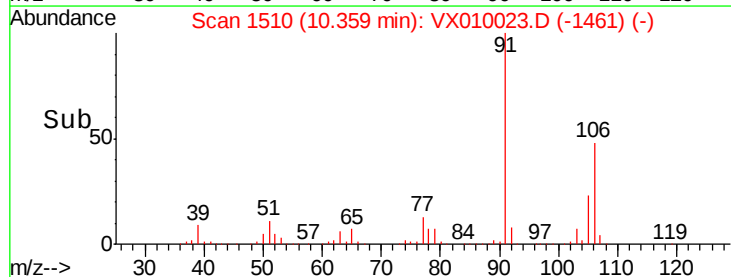
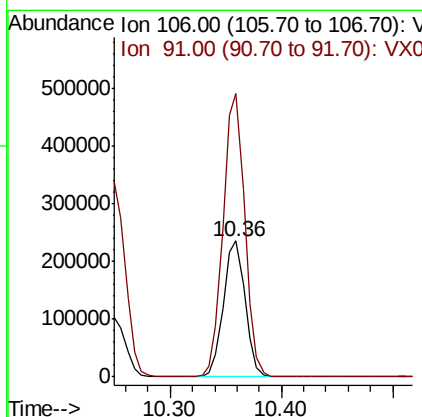
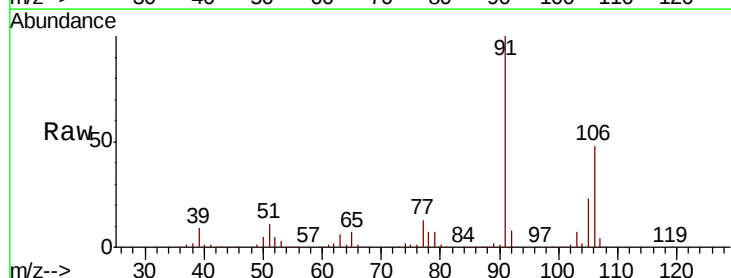
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

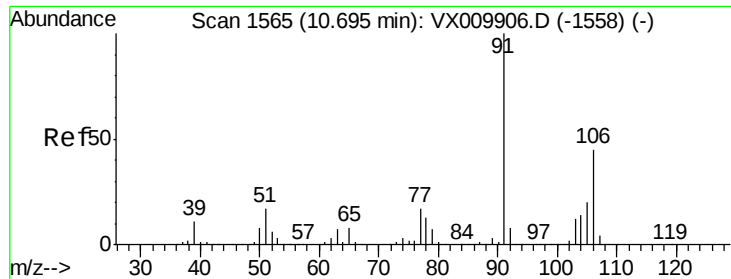
Tot Ion: 91 Resp: 434311
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 97.992 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 106 Resp: 318428
Ion Ratio Lower Upper
106 100
91 208.2 167.3 250.9

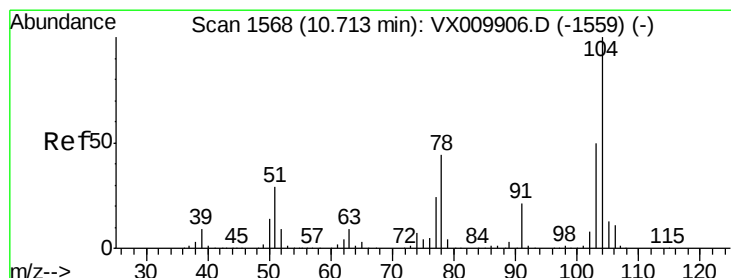
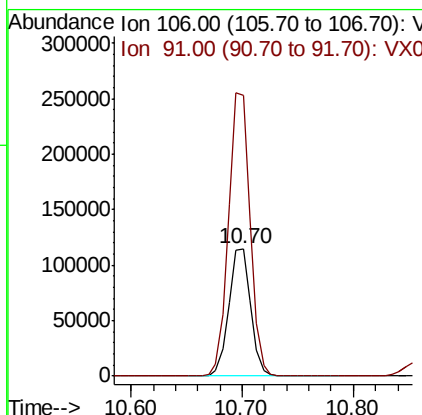
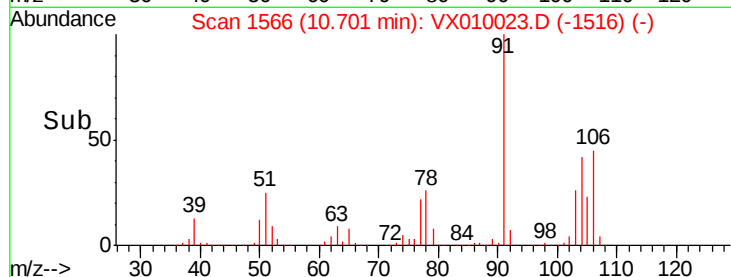
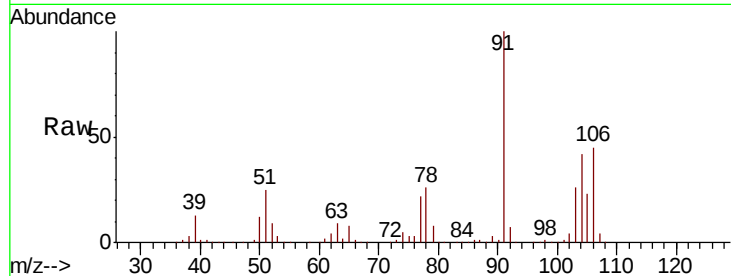




#69
o-Xylene
Concen: 49.784 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

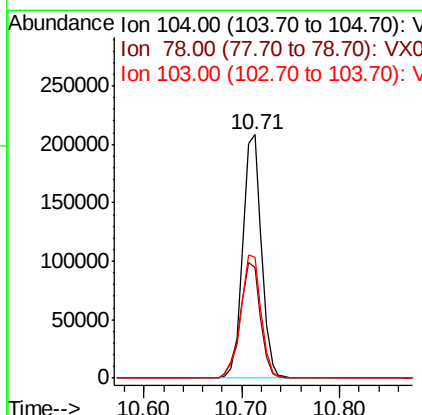
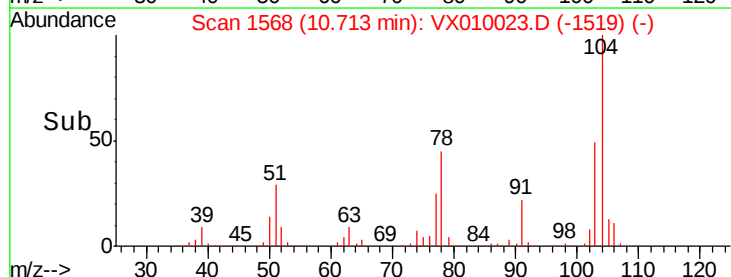
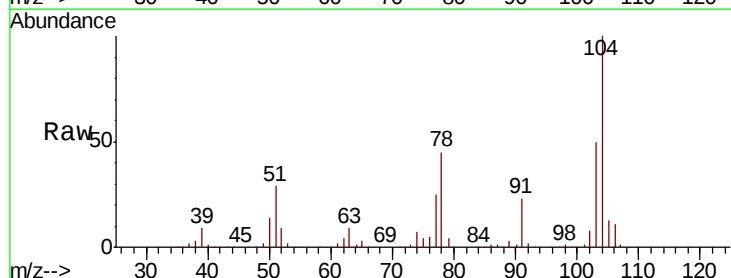
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

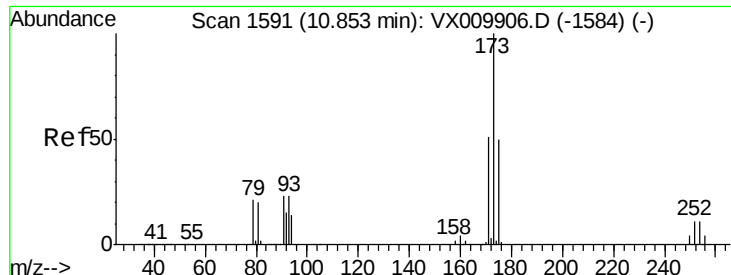
Tot Ion:106 Resp: 155148
Ion Ratio Lower Upper
106 100
91 220.6 110.4 331.2



#70
Styrene
Concen: 50.335 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:104 Resp: 275066
Ion Ratio Lower Upper
104 100
78 51.7 42.1 63.1
103 54.6 44.1 66.1

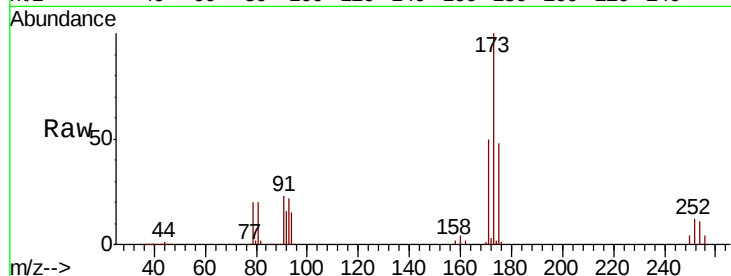




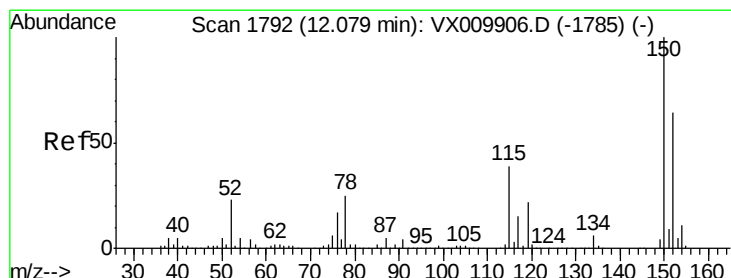
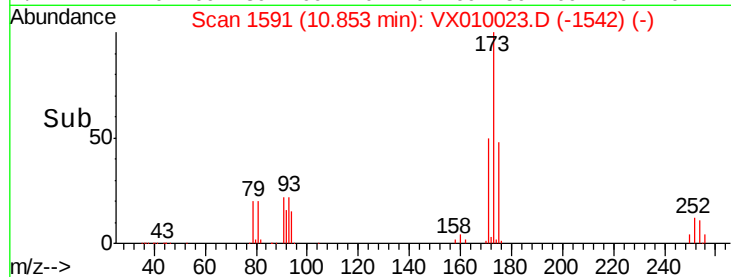
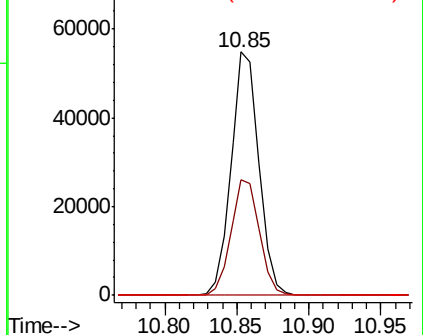
#71
Bromoform
Concen: 53.353 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 74101
Ion Ratio Lower Upper
173 100
175 48.6 25.0 75.0
254 0.2 0.2 0.2

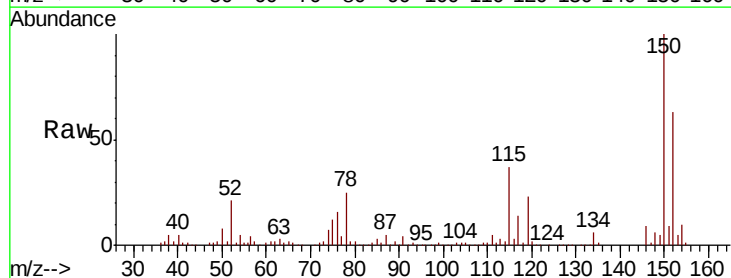


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

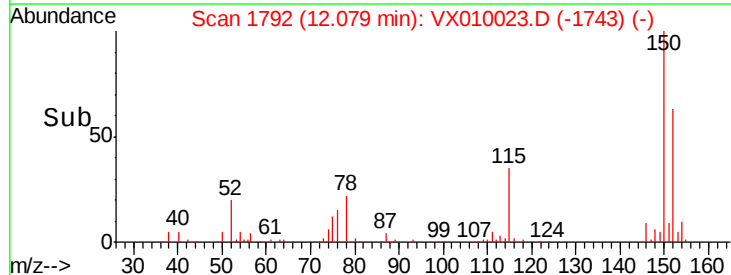
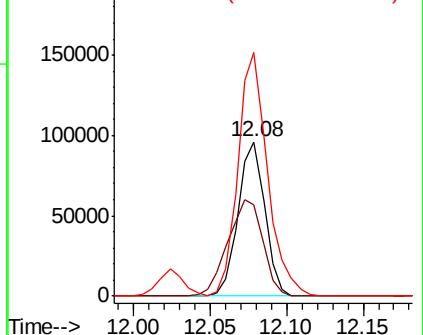


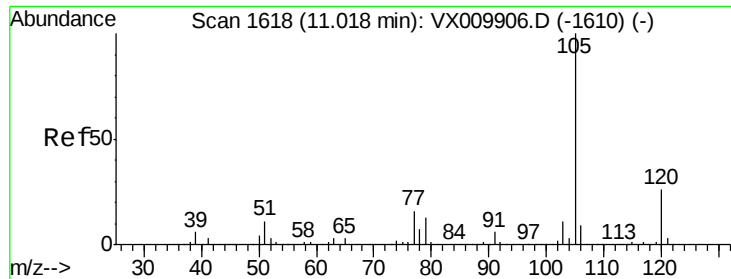
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:152 Resp: 116149
Ion Ratio Lower Upper
152 100
115 81.0 41.4 124.2
150 173.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.337 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

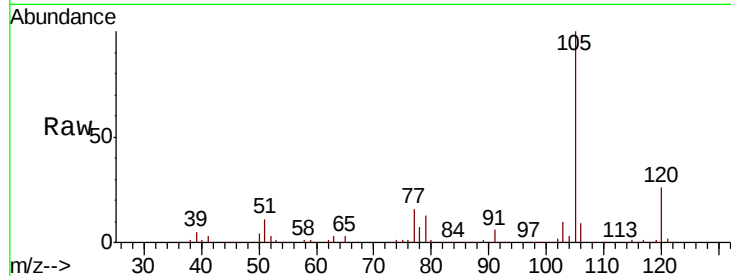
VSTDCCC050EC

Tot Ion:105 Resp: 414232

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

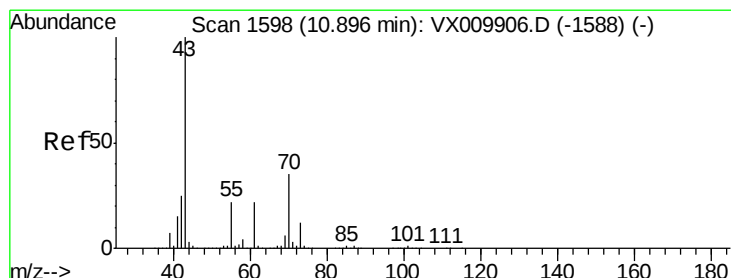
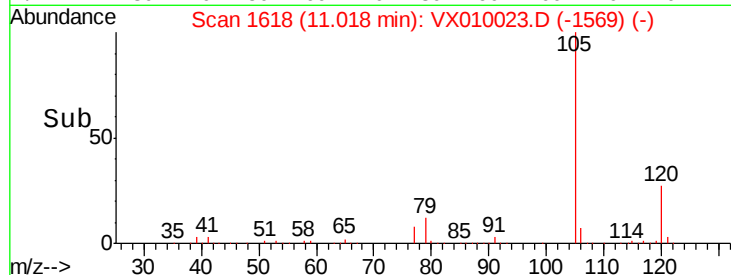
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.862 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Tgt Ion: 43 Resp: 250215

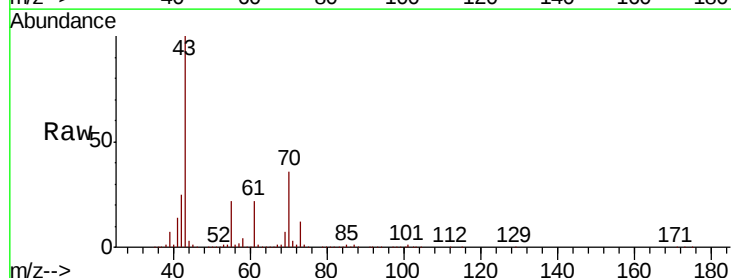
Ion Ratio Lower Upper

43 100

70 35.9 28.6 43.0

55 22.4 17.8 26.8

61 21.7 17.7 26.5



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

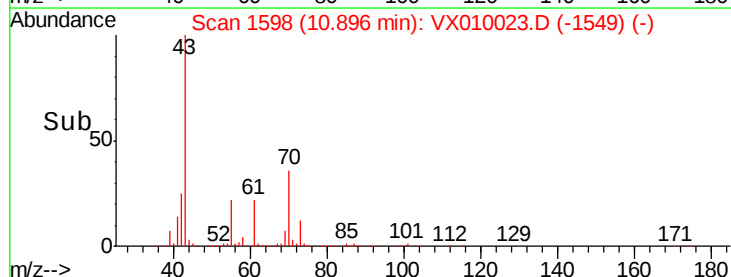
300000

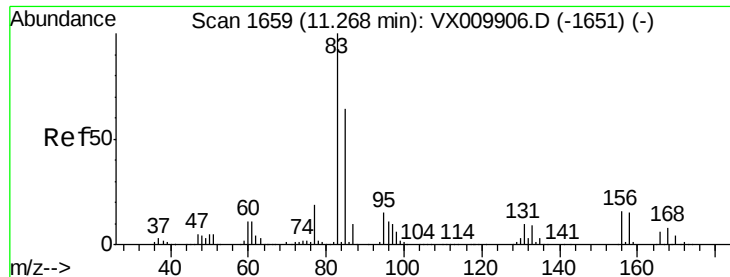
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.429 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

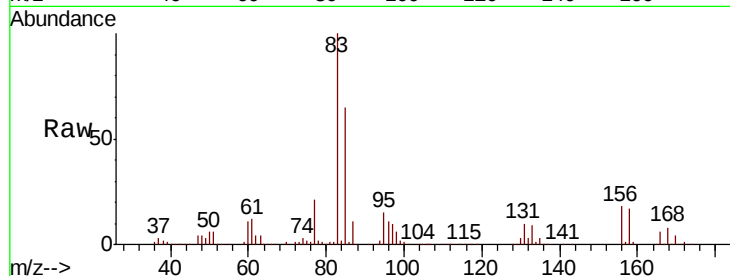
Tot Ion: 83 Resp: 151637

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	64.0	31.9	95.9

83 100

131 9.5 4.7 14.1

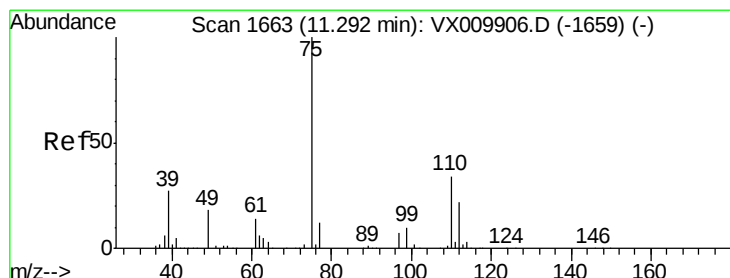
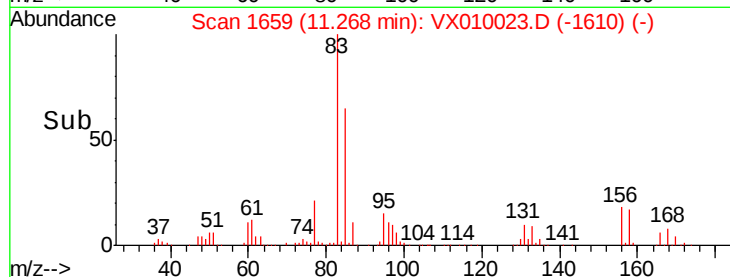
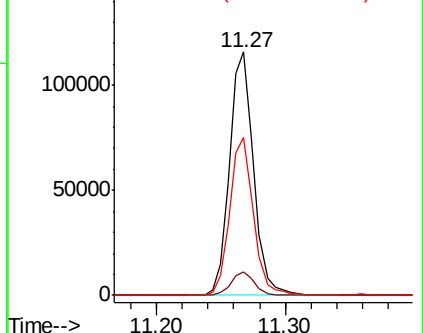
85 64.0 31.9 95.9



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: 63.214 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010023.D

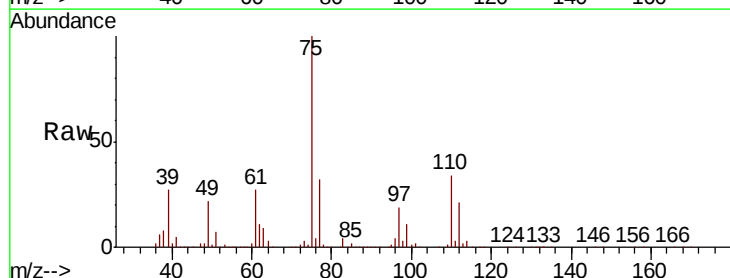
Acq: 01 Jun 2019 07:12

Tgt Ion: 75 Resp: 175575

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.1	66.1

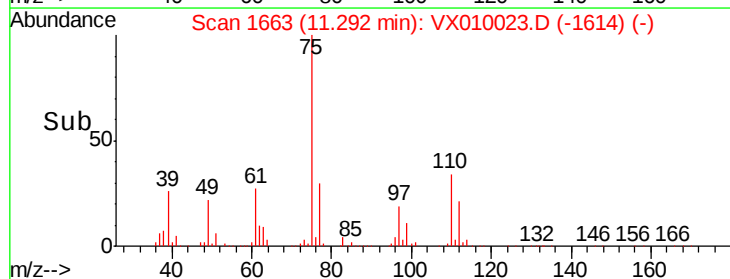
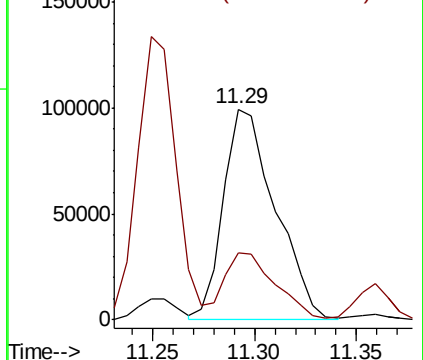
75 100

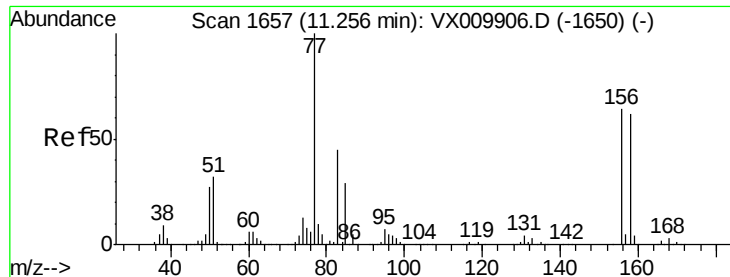
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.583 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

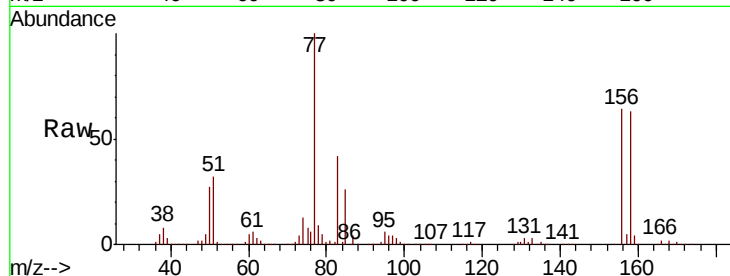
Tot Ion:156 Resp: 106104

Ion Ratio Lower Upper

156 100

77 164.8 86.8 260.3

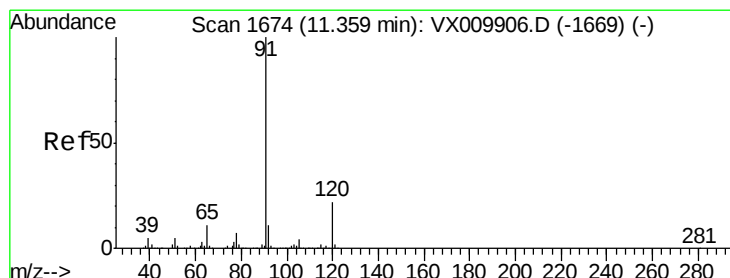
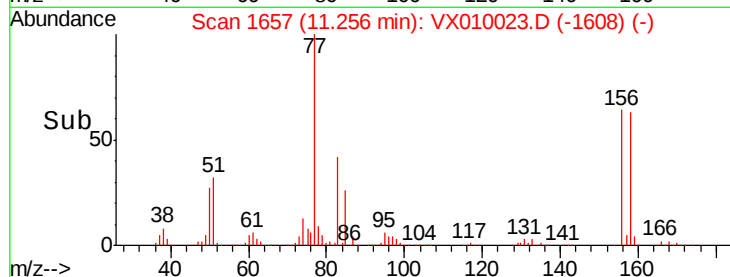
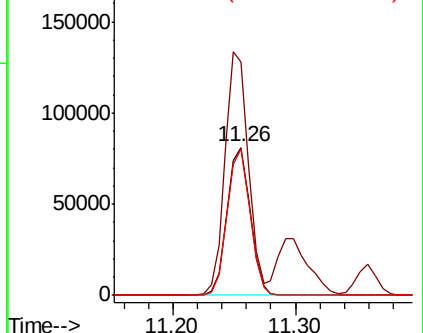
158 97.3 49.6 148.8



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: 48.889 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010023.D

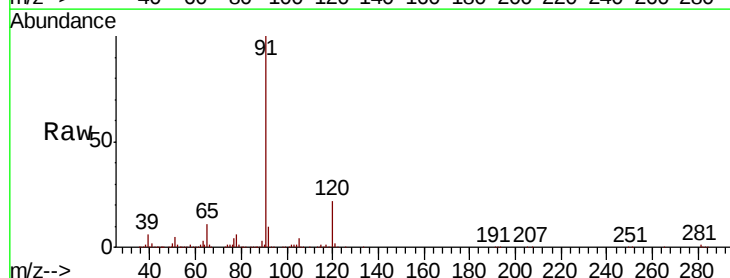
Acq: 01 Jun 2019 07:12

Tgt Ion: 91 Resp: 482927

Ion Ratio Lower Upper

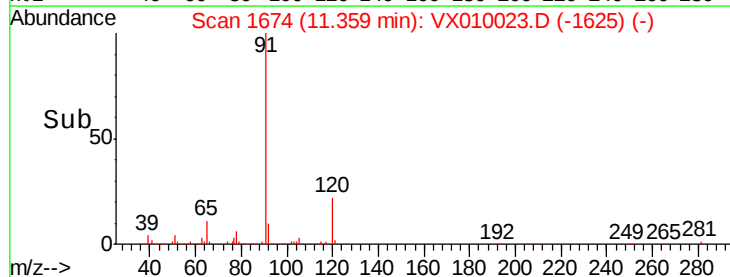
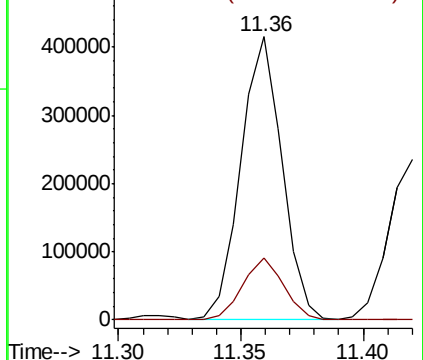
91 100

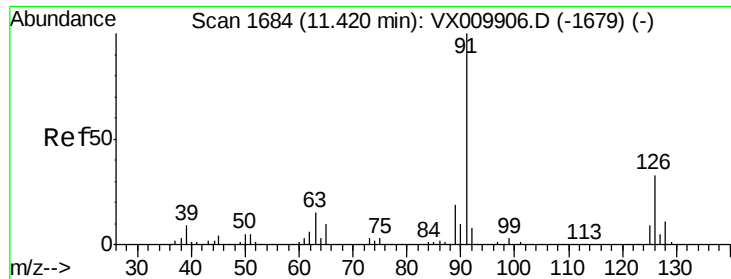
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

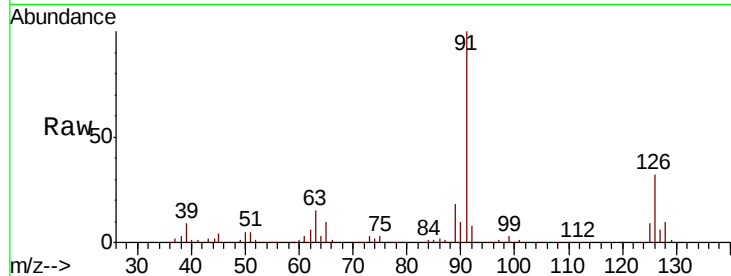




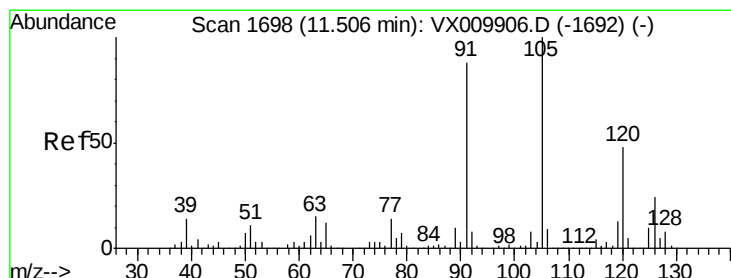
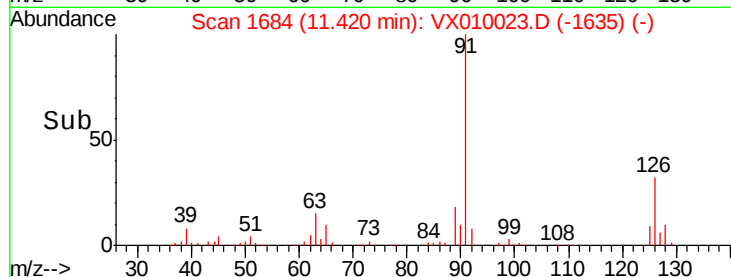
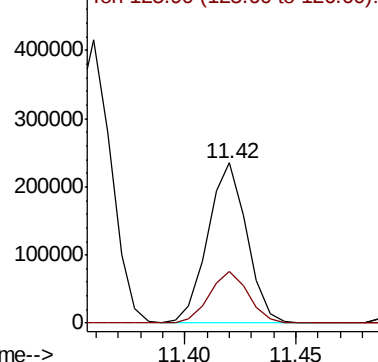
#79
 2-Chlorotoluene
 Concen: 47.569 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 287086
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3

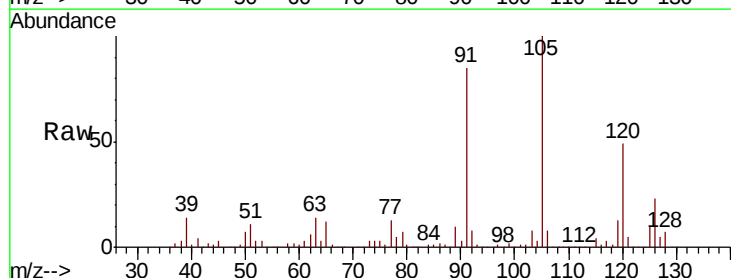


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

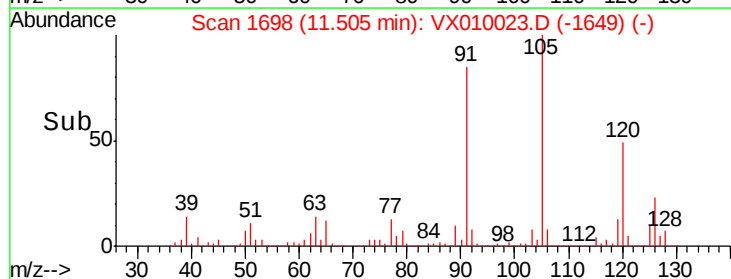
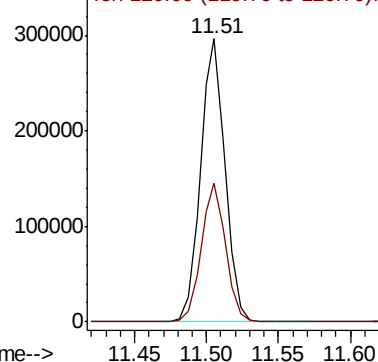


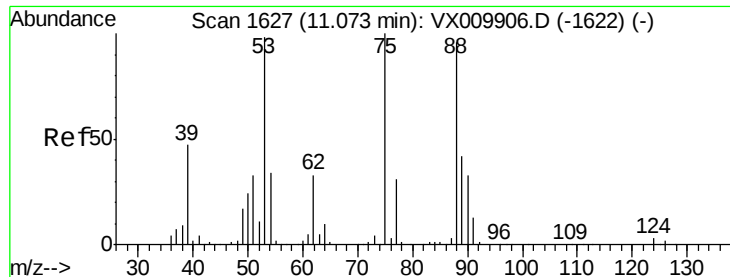
#80
 1,3,5-Trimethylbenzene
 Concen: 49.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion:105 Resp: 353900
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3



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: 40.661 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

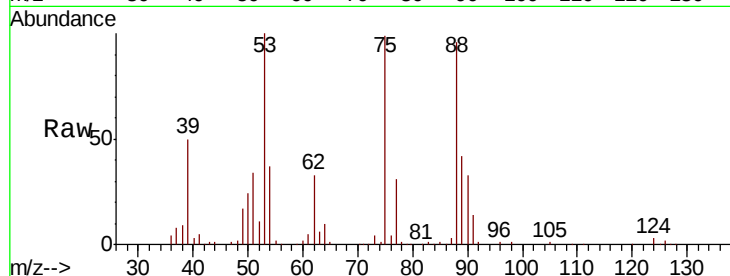
Tot Ion: 75 Resp: 45646

Ion Ratio Lower Upper

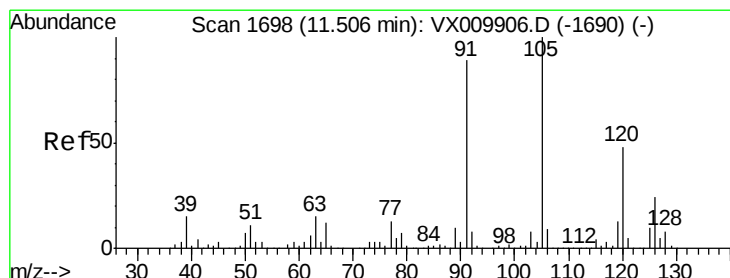
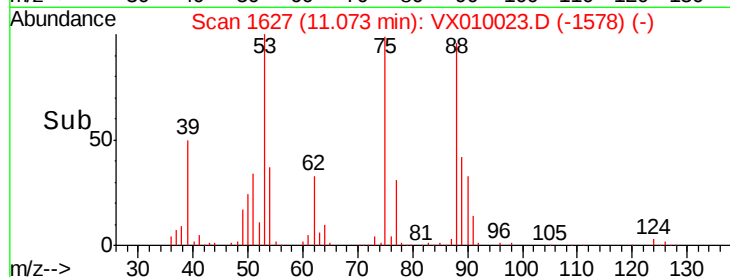
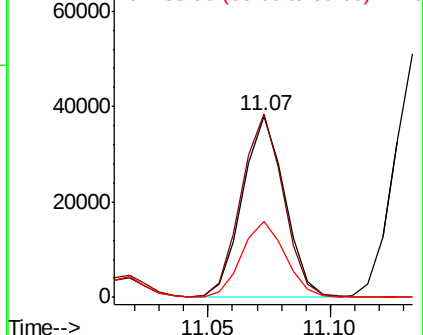
75 100

53 101.2 79.8 119.6

89 43.4 34.2 51.4



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: 47.325 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010023.D

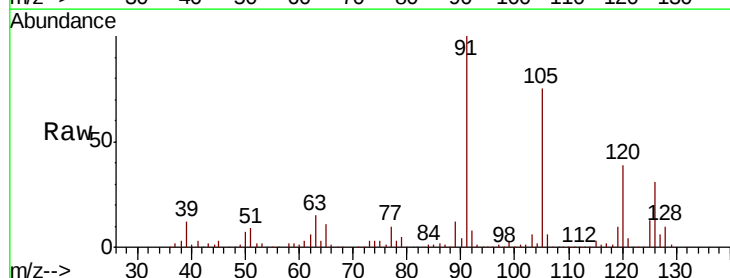
Acq: 01 Jun 2019 07:12

Tgt Ion: 91 Resp: 332487

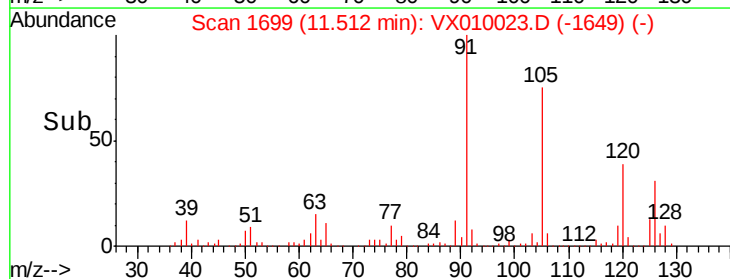
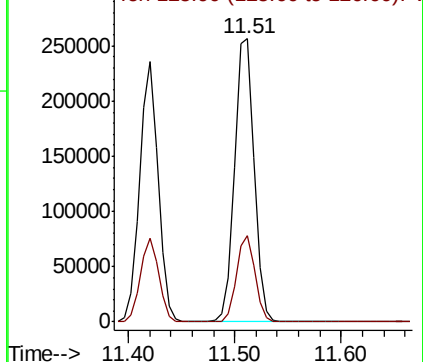
Ion Ratio Lower Upper

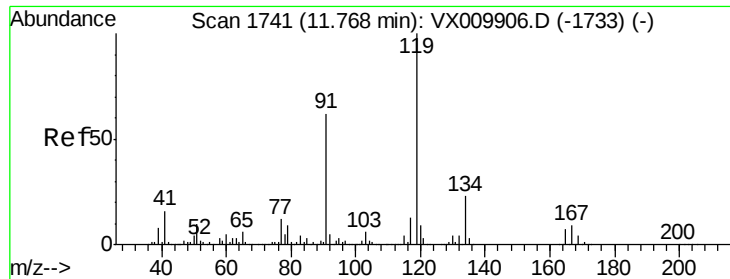
91 100

126 29.1 14.2 42.6



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

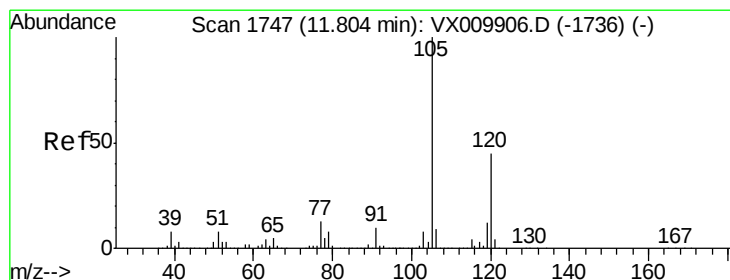
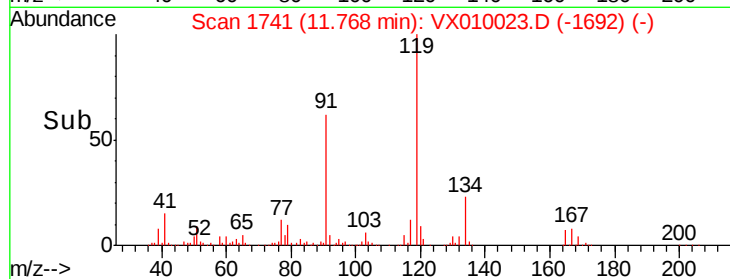
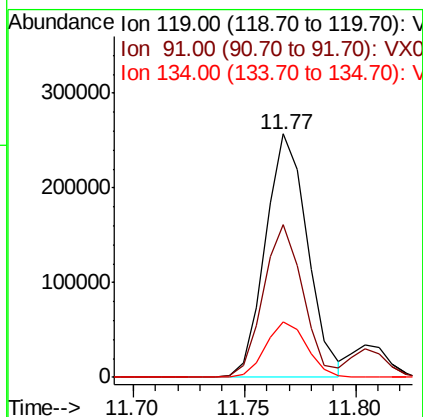
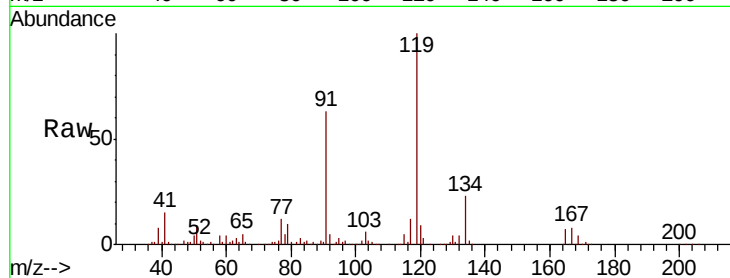




#83
tert-Butylbenzene
Concen: 48.644 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

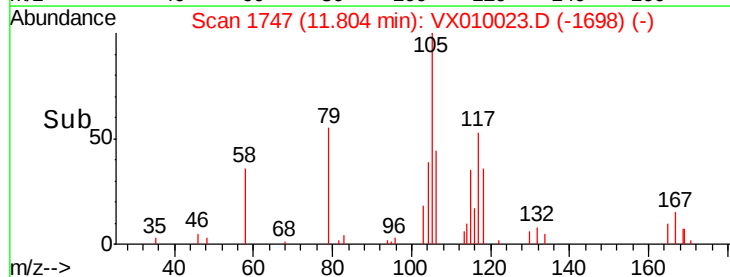
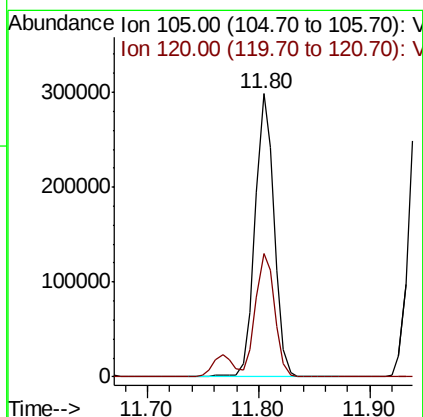
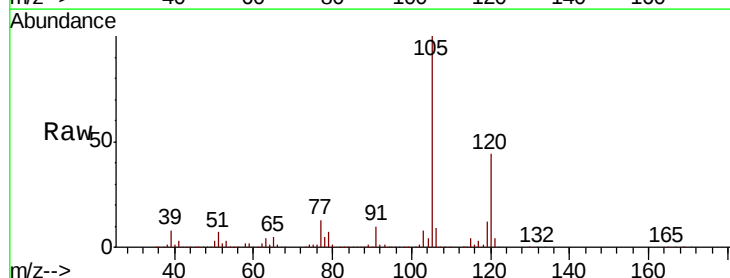
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

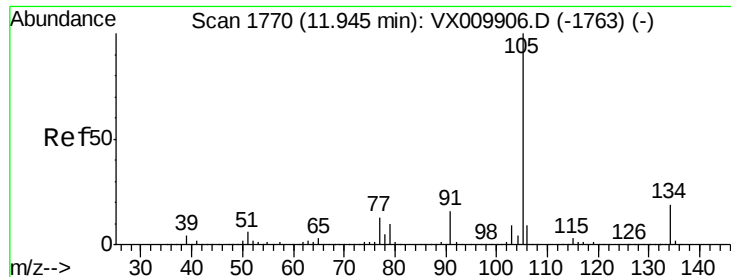
Tot Ion:119 Resp: 335989
Ion Ratio Lower Upper
119 100
91 59.9 30.0 90.0
134 22.6 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 48.496 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:105 Resp: 355572
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

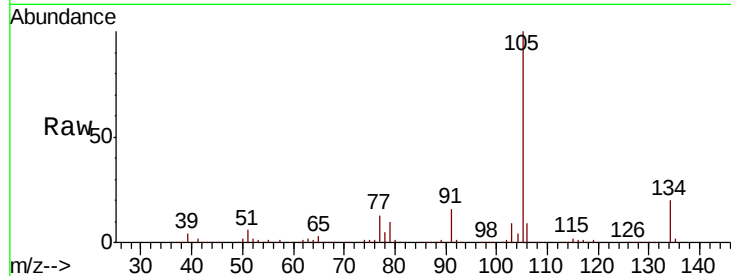
VSTDCCC050EC

Tot Ion:105 Resp: 403650

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

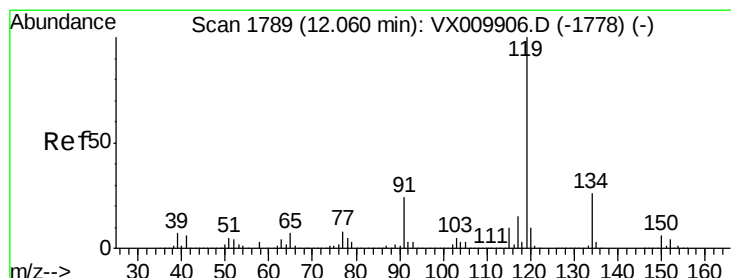
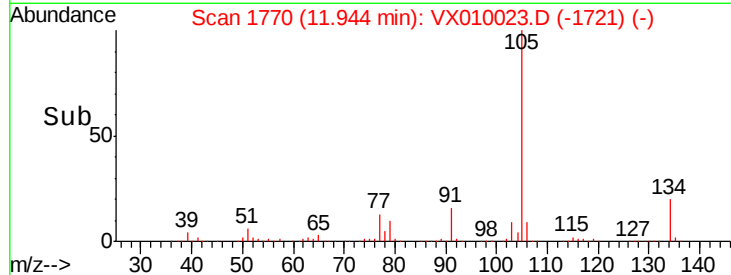
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.060 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

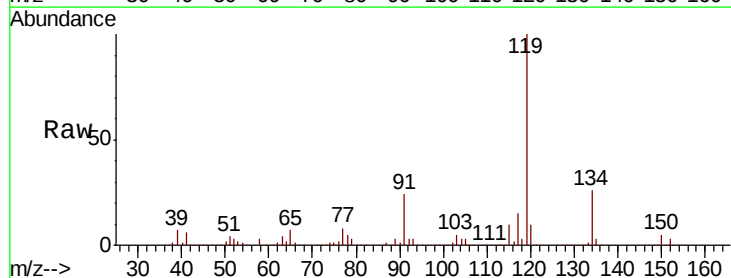
Tgt Ion:119 Resp: 369997

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 11.9 35.9



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

12.06

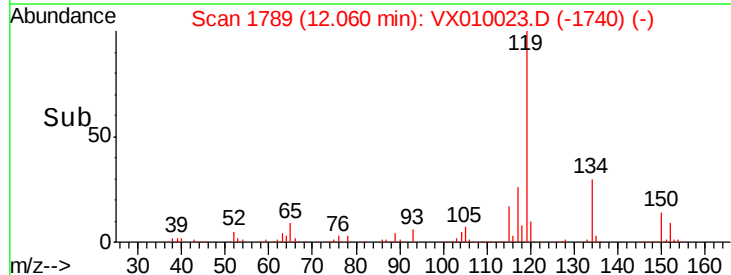
300000

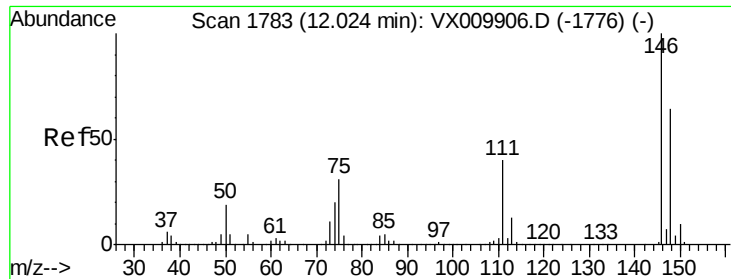
200000

100000

0

Time-->

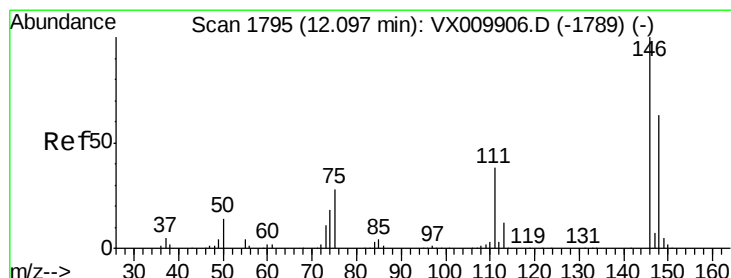
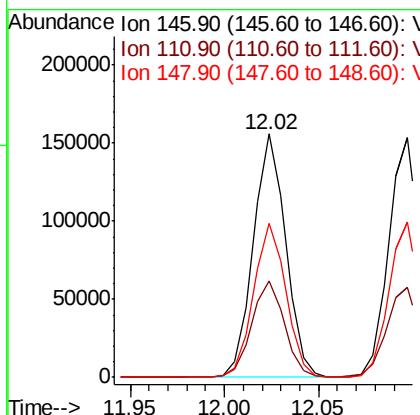
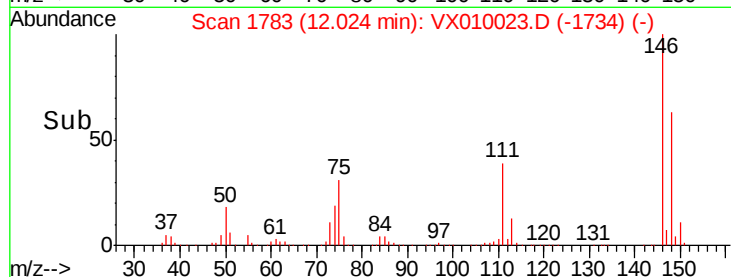
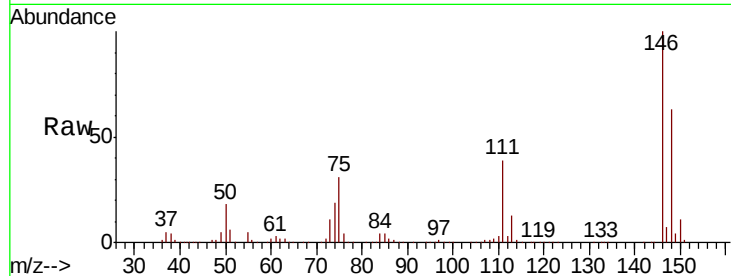




#87
 1,3-Dichlorobenzene
 Concen: 47.771 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

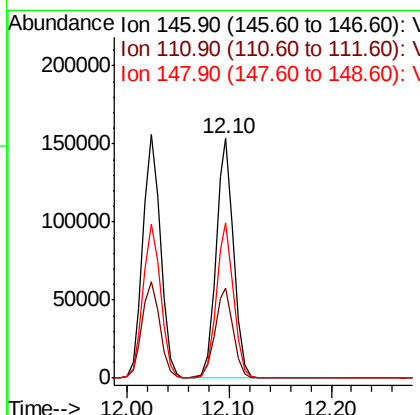
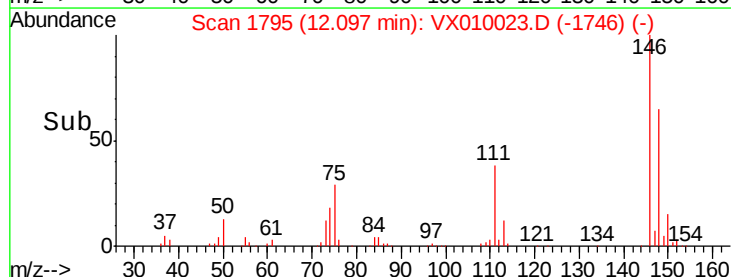
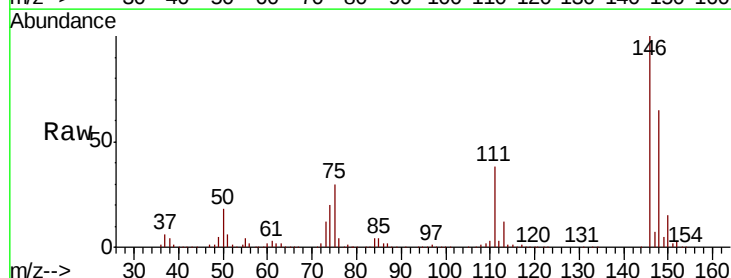
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

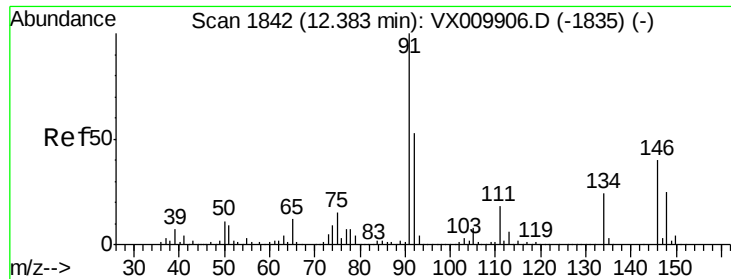
Tot Ion:146 Resp: 185741
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.541 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion:146 Resp: 184549
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 59.9
 148 64.3 32.3 96.9

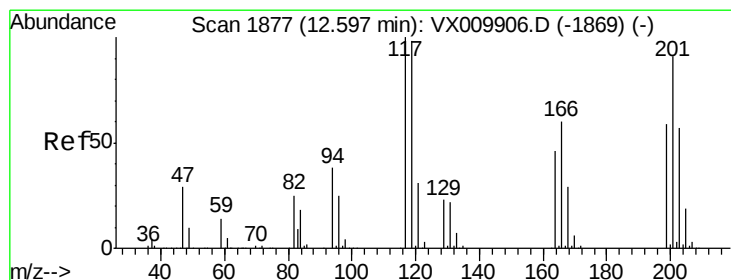
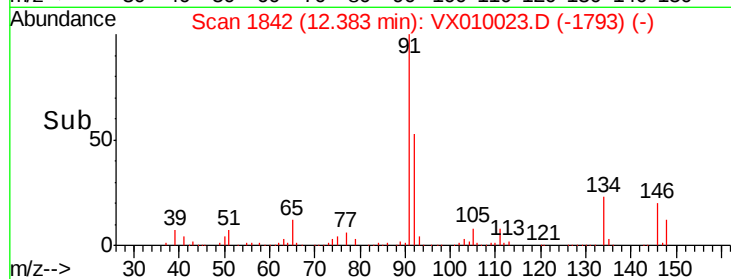
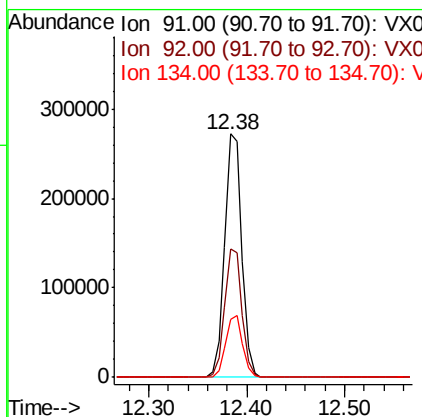
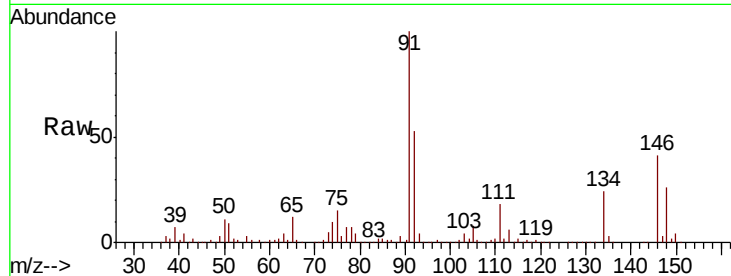




#89
n-Butylbenzene
Concen: 47.317 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

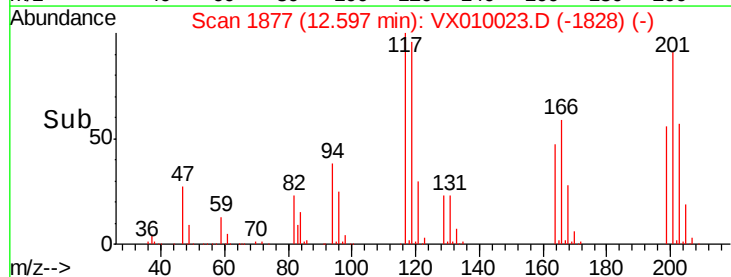
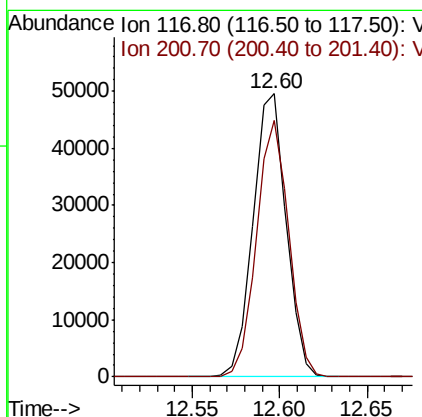
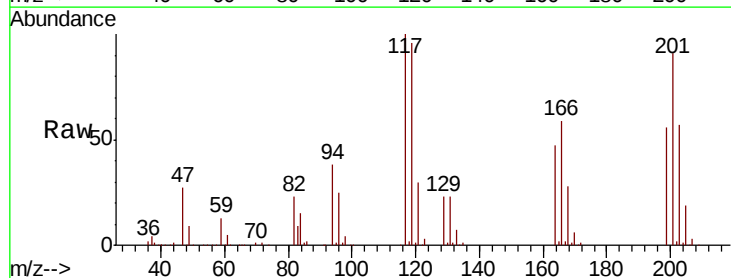
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

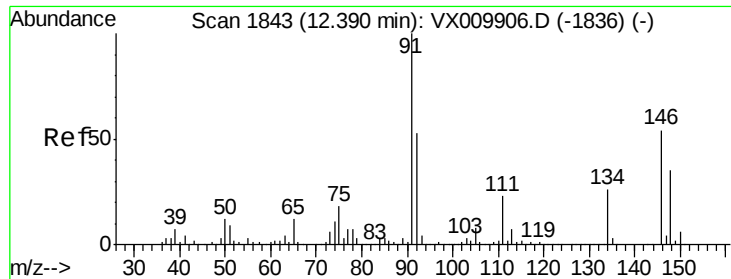
Tot Ion: 91 Resp: 328667
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 51.298 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion: 117 Resp: 65067
Ion Ratio Lower Upper
117 100
201 87.9 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 48.289 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

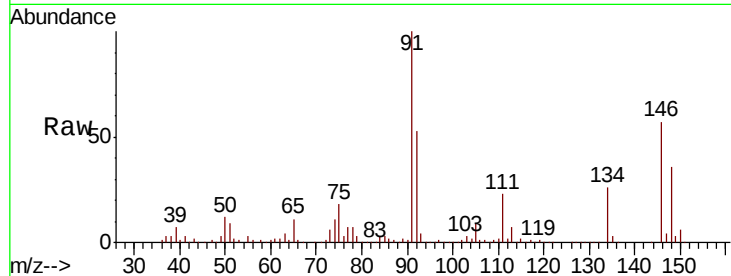
Tot Ion:146 Resp: 185112

Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.1

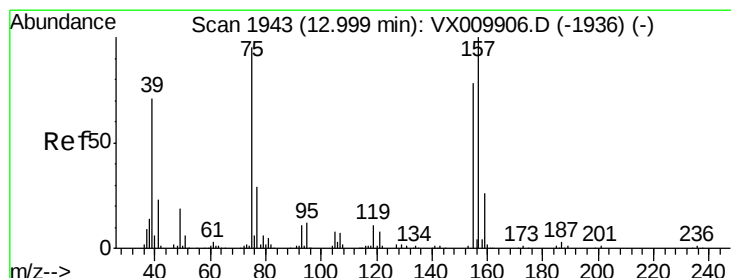
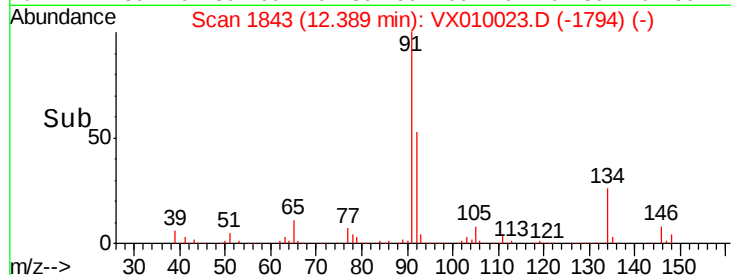
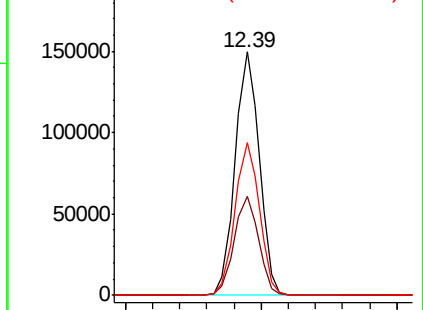
148 63.3 32.3 96.8



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: 46.982 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010023.D

Acq: 01 Jun 2019 07:12

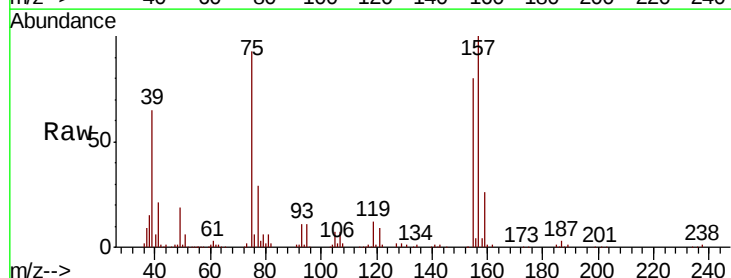
Tgt Ion: 75 Resp: 35357

Ion Ratio Lower Upper

75 100

155 82.8 39.3 117.8

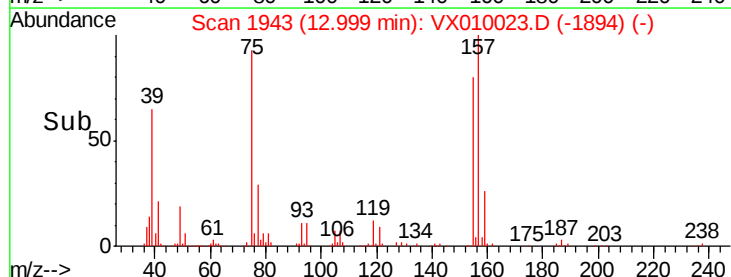
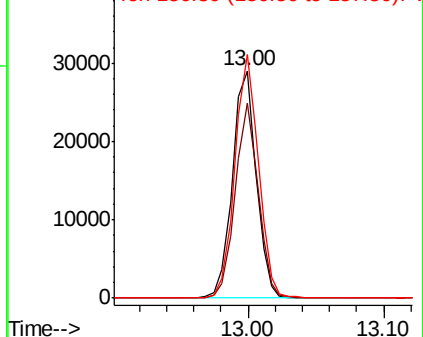
157 106.0 50.6 151.8

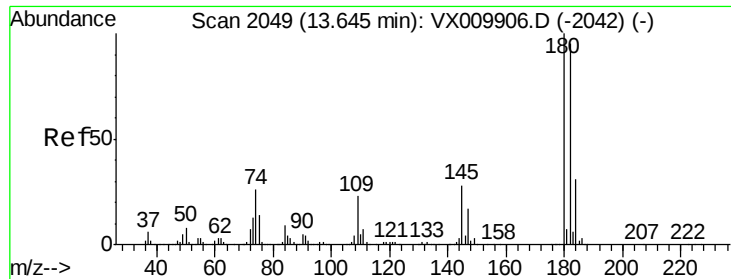


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

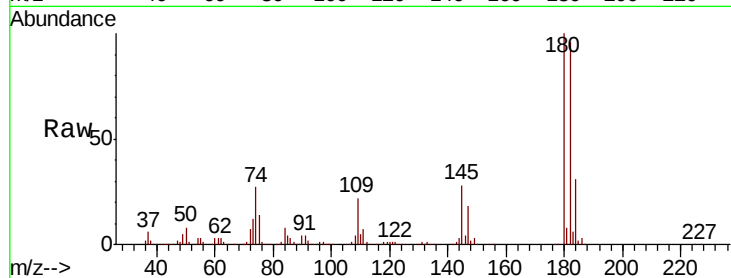




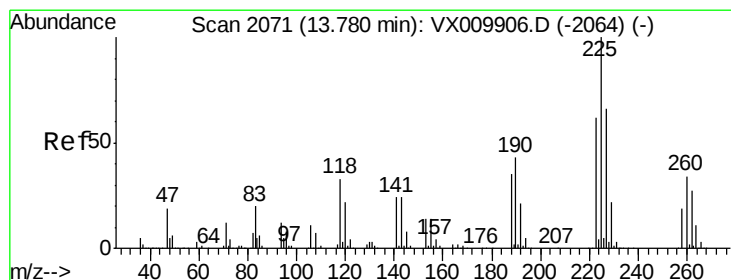
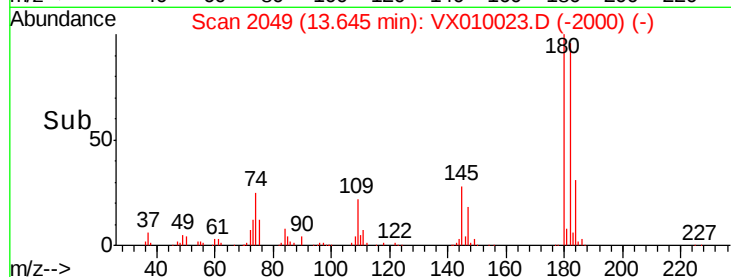
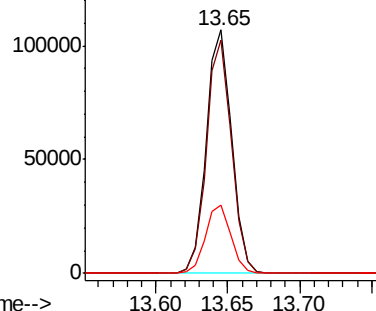
#93
 1,2,4-Trichlorobenzene
 Concen: 48.103 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	28.3	14.5	43.5

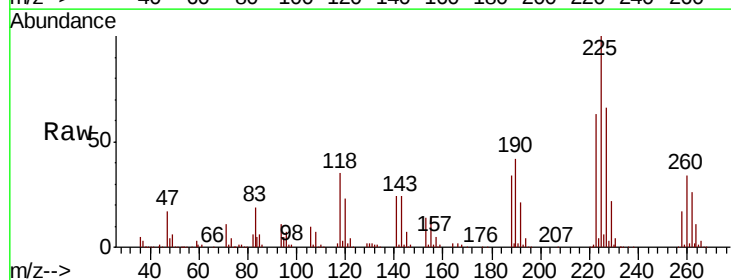


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

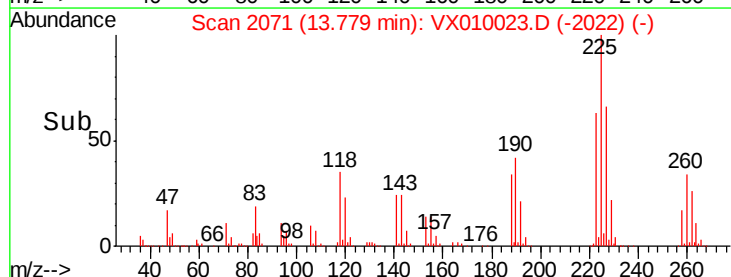
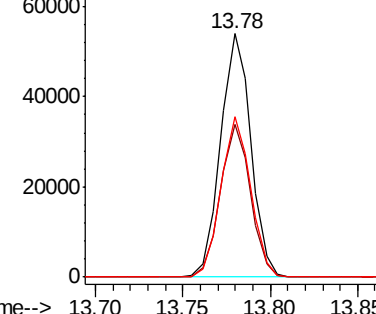


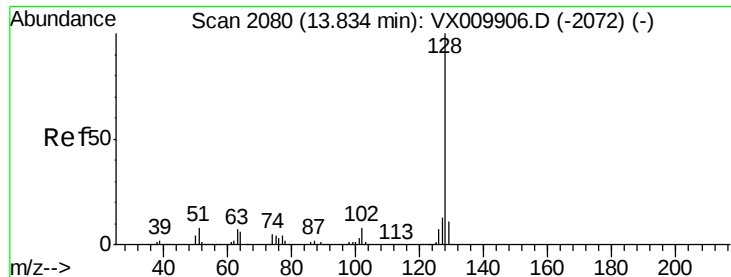
#94
 Hexachlorobutadiene
 Concen: 47.188 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010023.D
 Acq: 01 Jun 2019 07:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.6	32.3	96.8



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

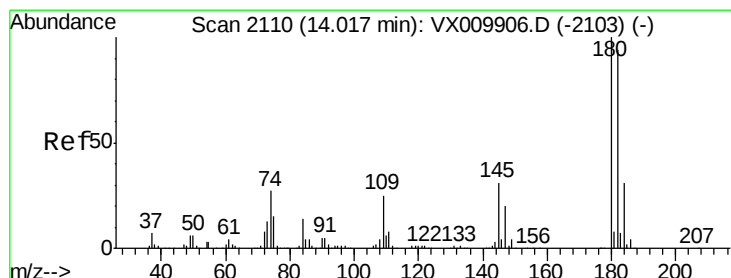
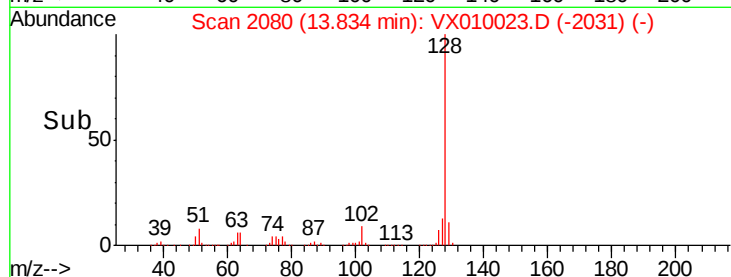
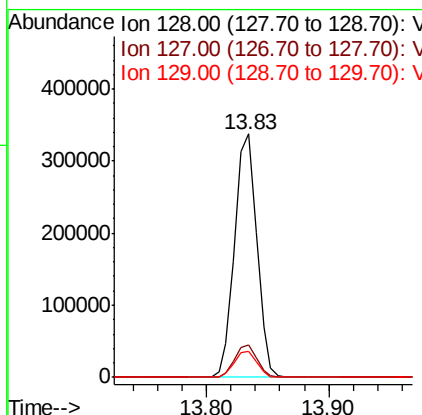
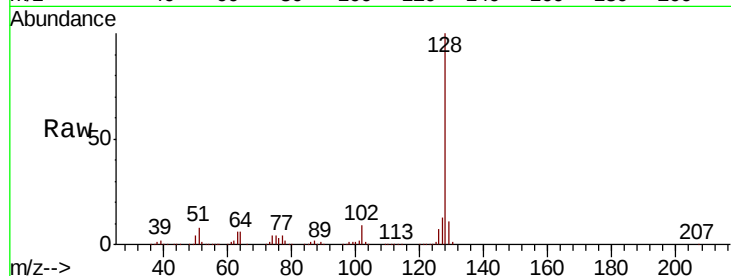




#95
Naphthalene
Concen: 49.684 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 423559
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.007 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010023.D
Acq: 01 Jun 2019 07:12

Tgt Ion:180 Resp: 131642
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 30.9 15.6 46.7

