

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012647.D
 Acq On : 24 Sep 2019 20:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 04:40:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138875	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	138856	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	5.48	113	102464	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.71	98	395264	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	158746	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	92661	45.840	ug/l	100
3) Chloromethane	1.32	50	106438	45.855	ug/l	100
4) Vinyl Chloride	1.40	62	113807	49.328	ug/l	98
5) Bromomethane	1.62	94	42696	47.068	ug/l	100
6) Chloroethane	1.71	64	69779	44.864	ug/l	95
7) Trichlorofluoromethane	1.92	101	157937	48.757	ug/l	97
8) Diethyl Ether	2.18	74	65802	49.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98594	49.973	ug/l	96
10) Methyl Iodide	2.50	142	104395	50.204	ug/l	94
11) Tert butyl alcohol	3.04	59	172161	263.390	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99379	51.440	ug/l	98
13) Acrolein	2.28	56	84853	233.734	ug/l	100
14) Allyl chloride	2.72	41	192277	50.164	ug/l	98
15) Acrylonitrile	3.13	53	343425	258.976	ug/l	98
16) Acetone	2.44	43	300623	216.909	ug/l	98
17) Carbon Disulfide	2.56	76	249597	46.084	ug/l	99
18) Methyl Acetate	2.76	43	166545	51.034	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	382578	52.318	ug/l	99
20) Methylene Chloride	2.84	84	115977	49.475	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	107607	50.276	ug/l	99
22) Diisopropyl ether	3.84	45	384994	51.982	ug/l	98
23) Vinyl Acetate	3.80	43	1680408	258.724	ug/l	98
24) 1,1-Dichloroethane	3.69	63	206029	51.176	ug/l	98
25) 2-Butanone	4.66	43	491443	247.300	ug/l	97
26) 2,2-Dichloropropane	4.57	77	160147	44.726	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	126831	51.071	ug/l	94
28) Bromochloromethane	5.00	49	74387	50.887	ug/l	100
29) Tetrahydrofuran	5.12	42	321461	265.401	ug/l	98
30) Chloroform	5.20	83	207070	50.274	ug/l	100
31) Cyclohexane	5.57	56	187823	51.570	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	184496	50.541	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157016	50.346	ug/l	98
37) Ethyl Acetate	4.82	43	189253	51.905	ug/l	98
38) Carbon Tetrachloride	5.78	117	152745	48.214	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187030	49.814	ug/l	96
40) Benzene	6.13	78	463060	50.463	ug/l	98
41) Methacrylonitrile	5.03	41	103814	50.747	ug/l	95
42) 1,2-Dichloroethane	6.18	62	175862	50.469	ug/l	99
43) Isopropyl Acetate	6.43	43	307845	50.488	ug/l	98
44) Trichloroethene	7.20	130	117052	49.897	ug/l	93
45) 1,2-Dichloropropane	7.51	63	121062	51.531	ug/l	98
46) Dibromomethane	7.65	93	80711	50.459	ug/l	95
47) Bromodichloromethane	7.89	83	157355	49.221	ug/l	98
48) Methyl methacrylate	7.76	41	150447	51.458	ug/l	95
49) 1,4-Dioxane	7.73	88	69463	1047.475	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	973218	258.569	ug/l	97
52) Toluene	8.78	92	294358	51.039	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183582	51.902	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193937	50.218	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	118426	51.649	ug/l	97
56) Ethyl methacrylate	9.17	69	203872	52.925	ug/l	94
57) 1,3-Dichloropropane	9.37	76	206114	51.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	468893	271.176	ug/l	99
59) 2-Hexanone	9.49	43	757392	262.892	ug/l	96
60) Dibromochloromethane	9.58	129	118752	51.162	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125194	52.464	ug/l	100
64) Tetrachloroethene	9.33	164	103753	51.078	ug/l	95
65) Chlorobenzene	10.14	112	306864	50.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	112219	50.485	ug/l	98
67) Ethyl Benzene	10.25	91	572864	51.483	ug/l	99
68) m/p-Xylenes	10.35	106	423683	101.645	ug/l	98
69) o-Xylene	10.70	106	208159	51.610	ug/l	99
70) Styrene	10.71	104	364847	53.960	ug/l	99
71) Bromoform	10.85	173	79773	51.541	ug/l	100
73) Isopropylbenzene	11.01	105	554704	49.042	ug/l	100
74) N-amyl acetate	10.89	43	277309	51.391	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185019	49.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	224287	61.054	ug/l	86
77) Bromobenzene	11.25	156	126285	49.331	ug/l	97
78) n-propylbenzene	11.35	91	635305	49.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	383761	48.310	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	478333	50.430	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	61620	48.070	ug/l	95
82) 4-Chlorotoluene	11.51	91	448170	49.491	ug/l	98
83) tert-Butylbenzene	11.77	119	444413	48.571	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	482638	50.441	ug/l	99
85) sec-Butylbenzene	11.94	105	534168	50.194	ug/l	99
86) p-Isopropyltoluene	12.06	119	496386	51.693	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	232829	50.539	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	236113	50.719	ug/l	98
89) n-Butylbenzene	12.39	91	435316	51.446	ug/l	99
90) Hexachloroethane	12.59	117	82942	48.449	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234273	50.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49451	52.773	ug/l	97

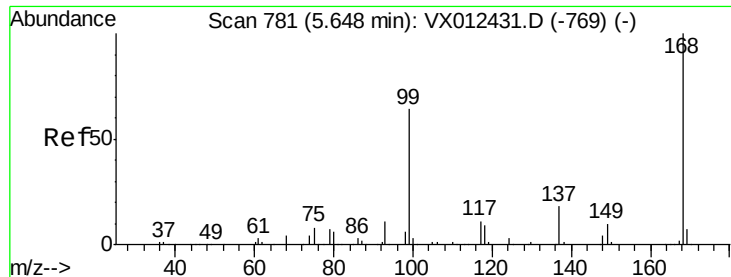
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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	150916	53.654	ug/l	97
94) Hexachlorobutadiene	13.78	225	61562	50.875	ug/l	99
95) Naphthalene	13.83	128	589723	57.948	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	154551	54.851	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

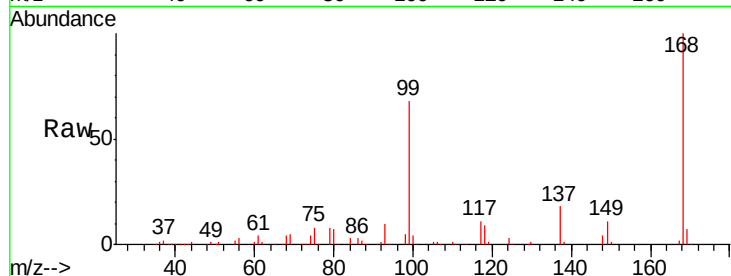
VSTDCCC050EC

Tgt Ion:168 Resp: 179685

Ion Ratio Lower Upper

168 100

99 68.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

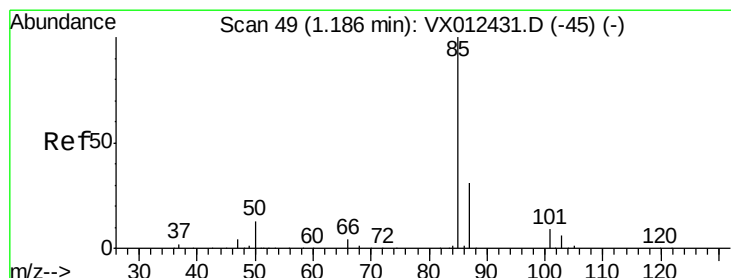
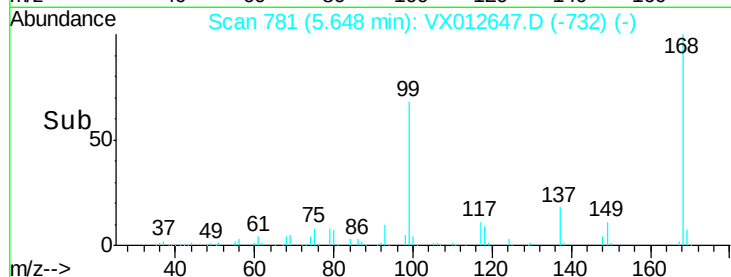
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.840 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012647.D

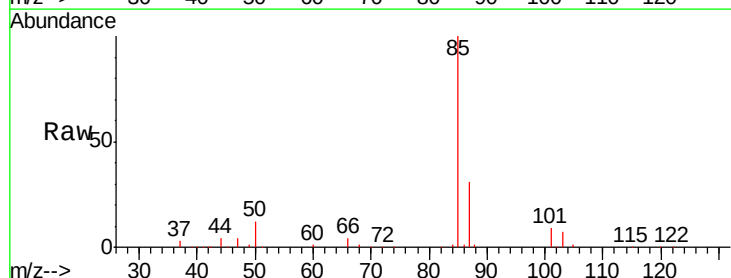
Acq: 24 Sep 2019 20:48

Tgt Ion: 85 Resp: 92661

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

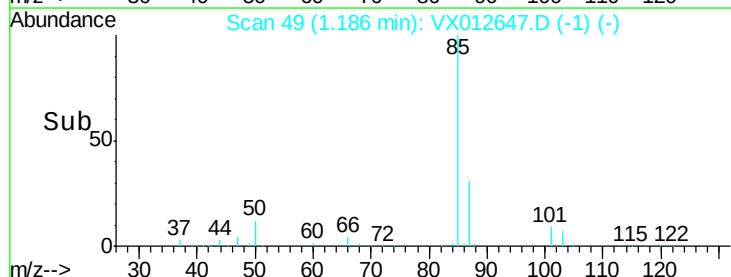
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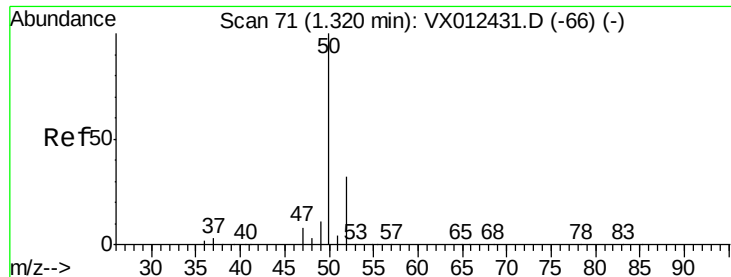
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 45.855 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

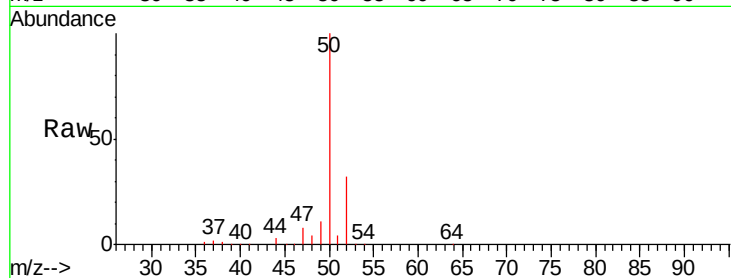
VSTDCCC050EC

Tgt Ion: 50 Resp: 106438

Ion Ratio Lower Upper

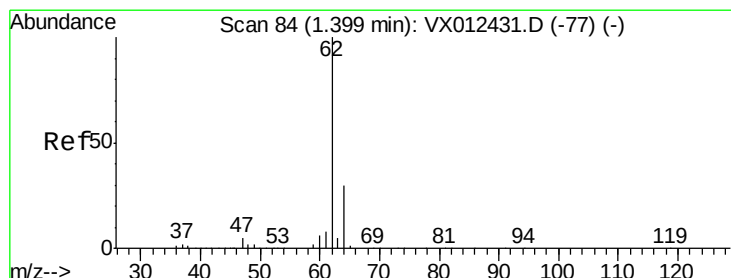
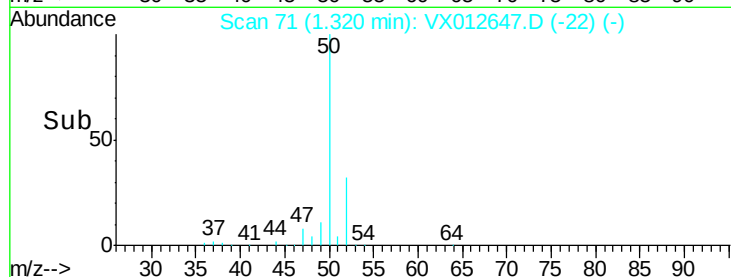
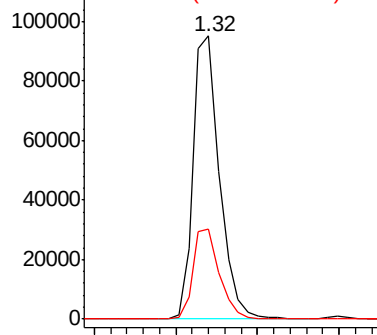
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.328 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012647.D

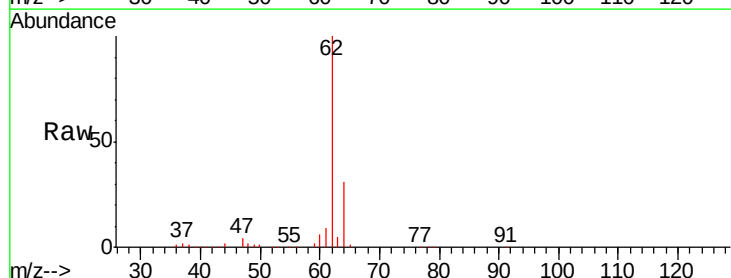
Acq: 24 Sep 2019 20:48

Tgt Ion: 62 Resp: 113807

Ion Ratio Lower Upper

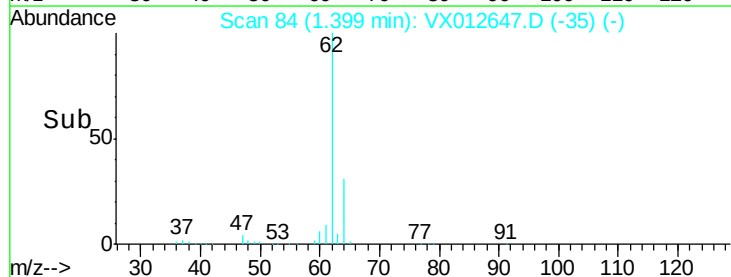
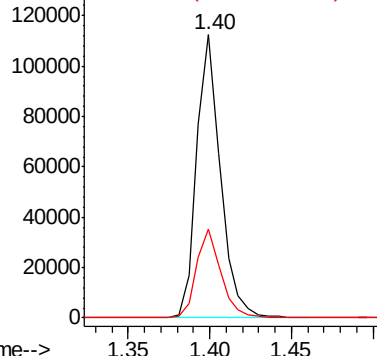
62 100

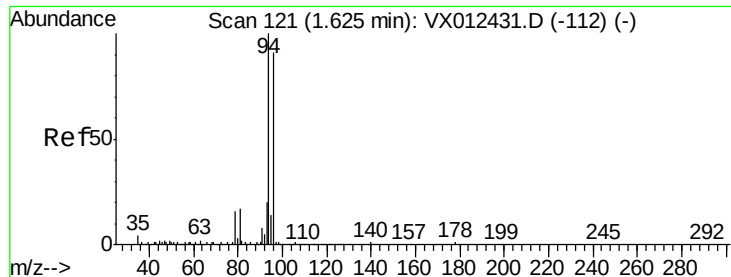
64 31.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.068 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

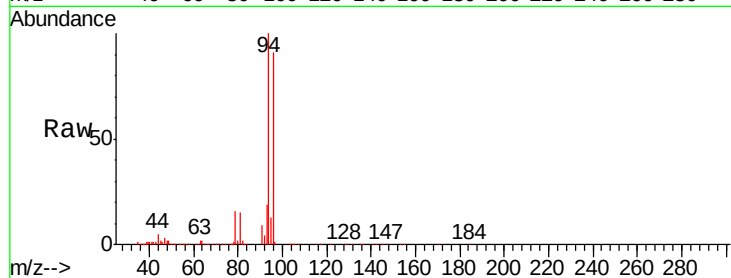
VSTDCCC050EC

Tgt Ion: 94 Resp: 42696

Ion Ratio Lower Upper

94 100

96 91.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

30000

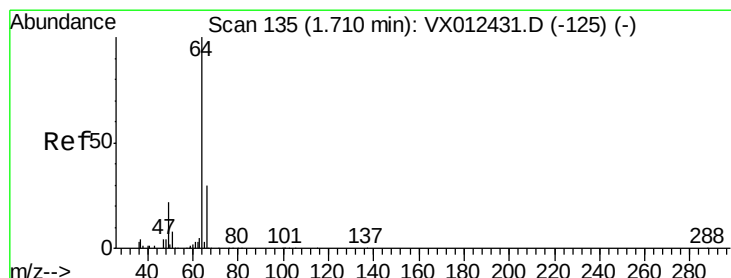
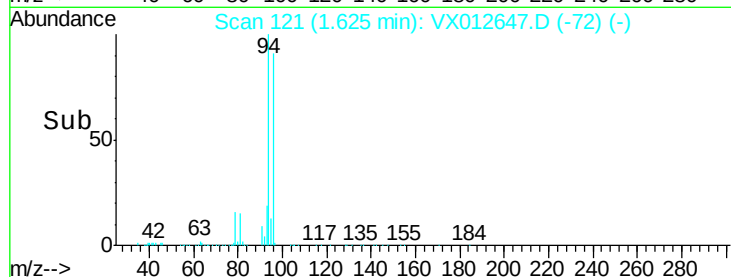
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 44.864 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012647.D

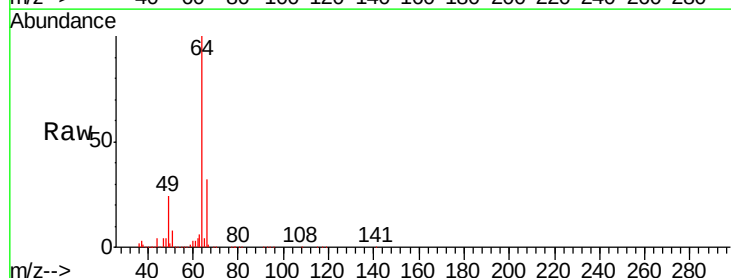
Acq: 24 Sep 2019 20:48

Tgt Ion: 64 Resp: 69779

Ion Ratio Lower Upper

64 100

66 32.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

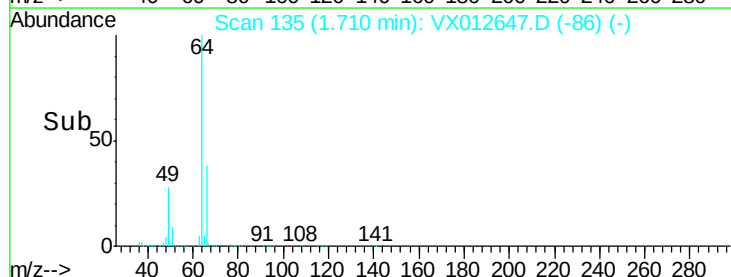
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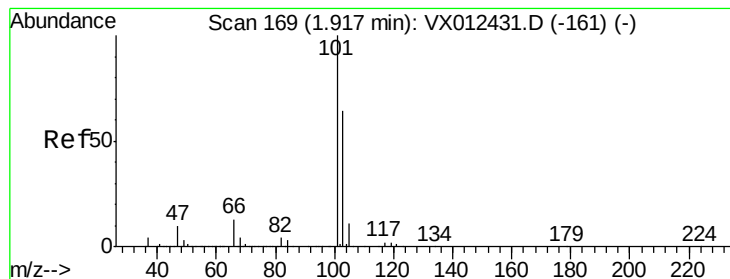
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Time-->

1.65 1.70 1.75 1.80



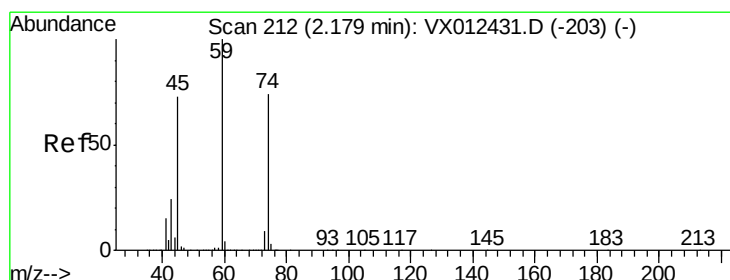
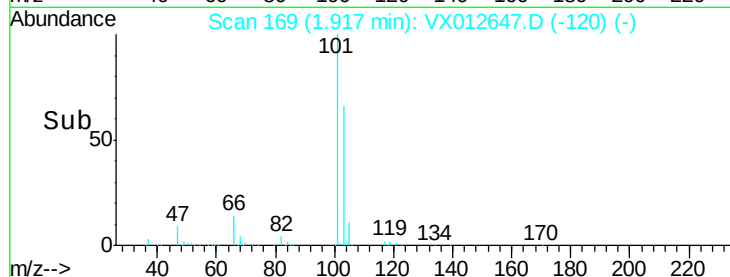
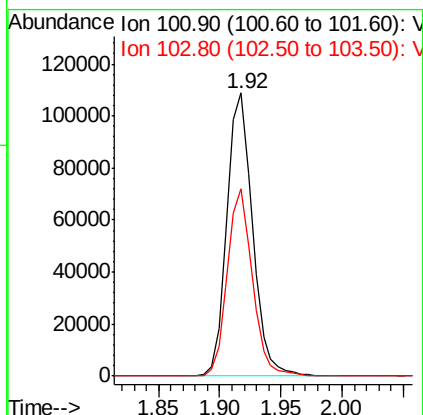
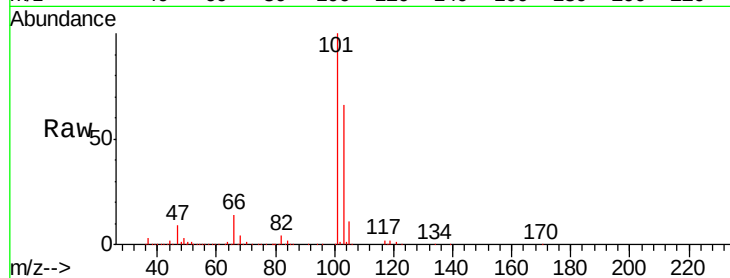


#7

Trichlorofluoromethane
 Concen: 48.757 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

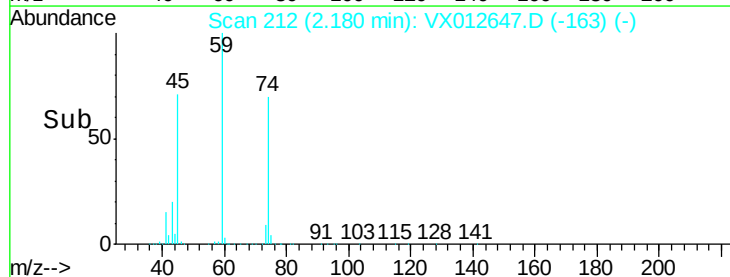
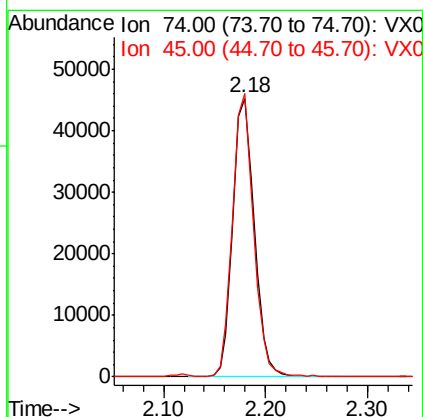
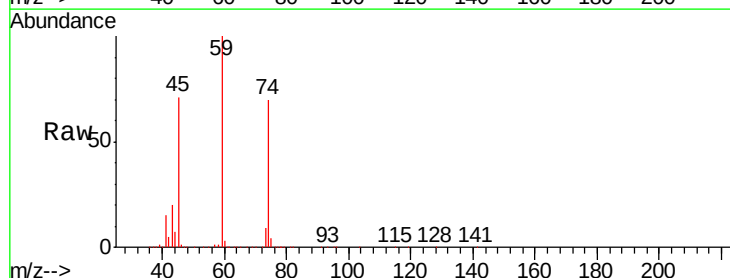
Tgt Ion: 101 Resp: 157937
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.0 76.4

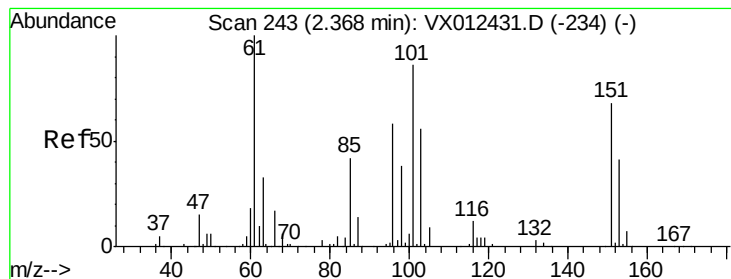


#8

Diethyl Ether
 Concen: 49.569 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 74 Resp: 65802
 Ion Ratio Lower Upper
 74 100
 45 98.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.973 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

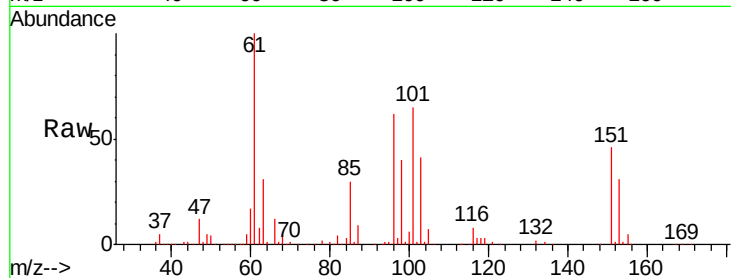
Tgt Ion:101 Resp: 98594

Ion Ratio Lower Upper

101 100

85 44.7 37.3 55.9

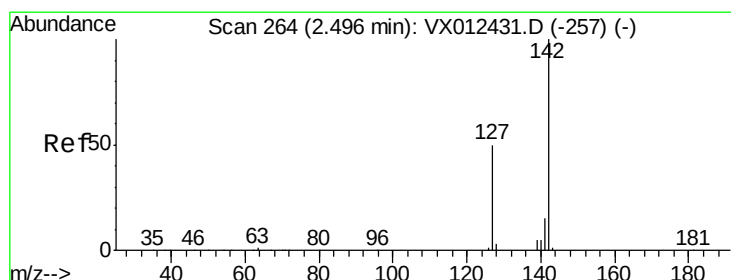
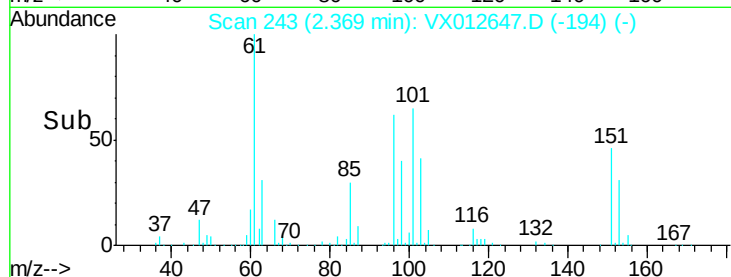
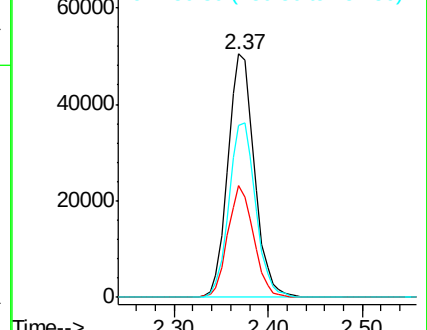
151 72.3 61.0 91.4



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: 50.204 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

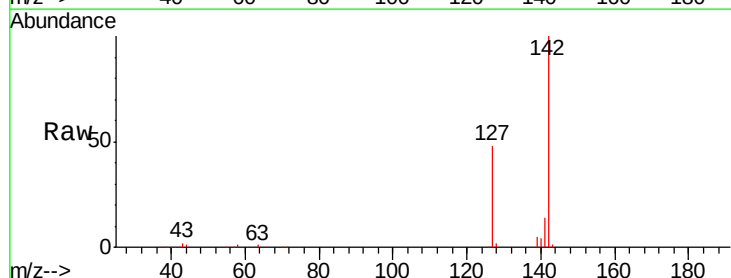
Tgt Ion:142 Resp: 104395

Ion Ratio Lower Upper

142 100

127 46.5 40.8 61.2

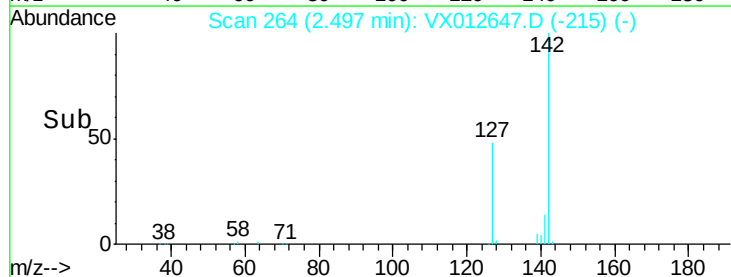
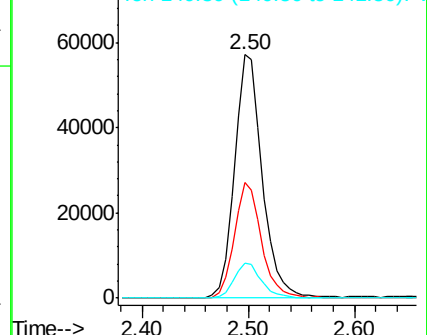
141 14.2 12.1 18.1

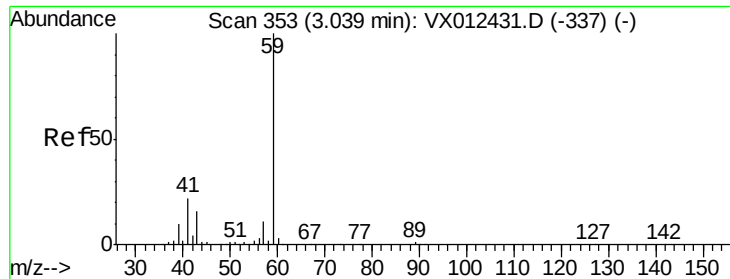


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

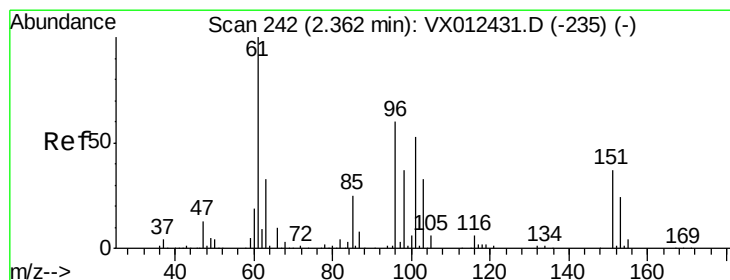
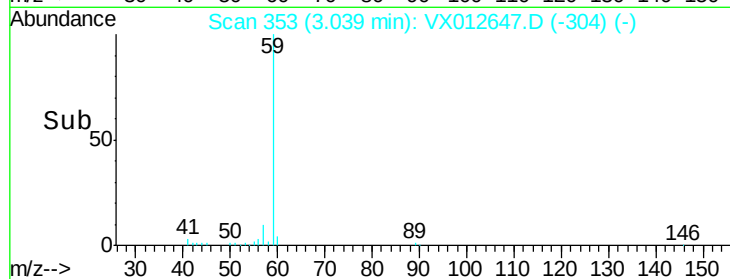
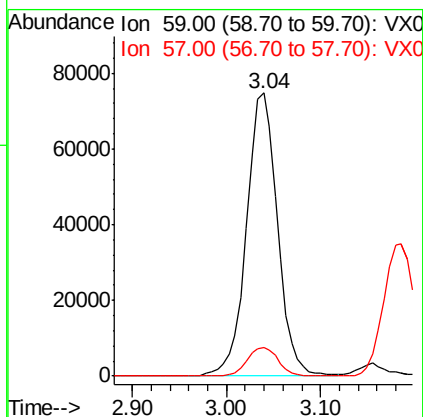
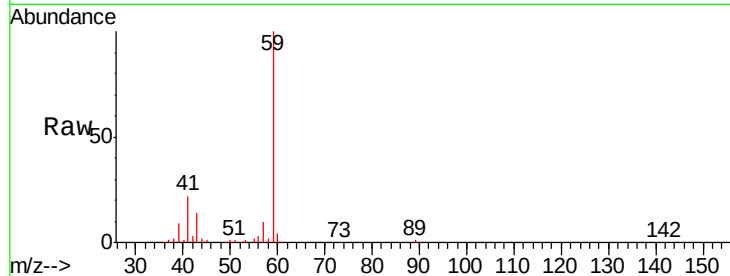




#11
Tert butyl alcohol
Concen: 263.390 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

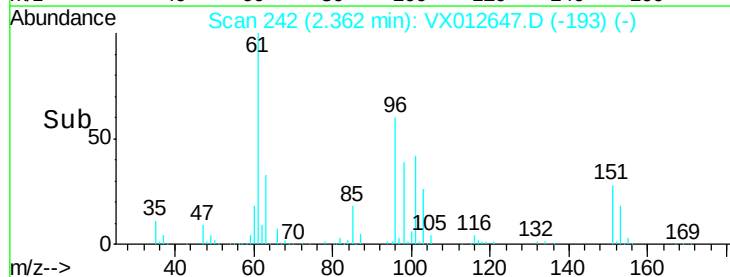
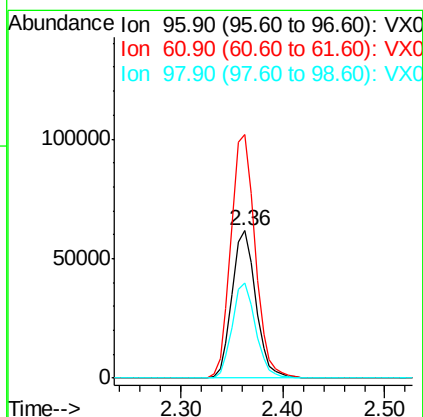
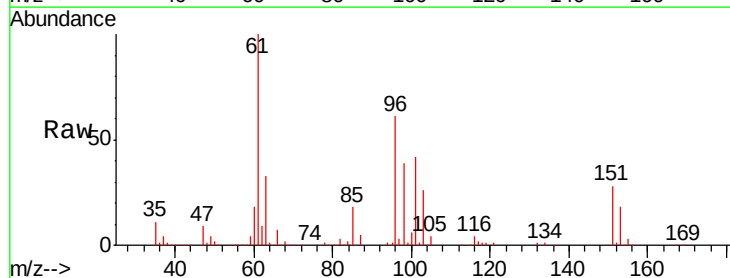
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

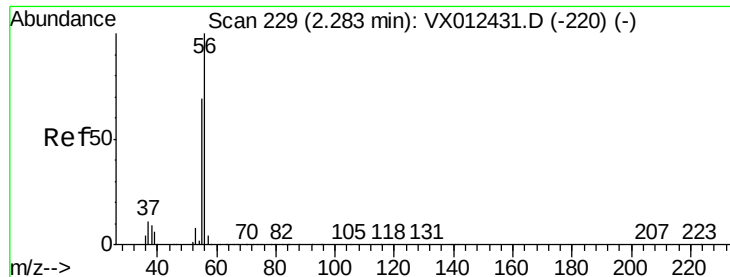
Tgt Ion: 59 Resp: 172161
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.440 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 96 Resp: 99379
Ion Ratio Lower Upper
96 100
61 165.1 133.8 200.6
98 64.3 49.9 74.9





#13

Acrolein

Concen: 233.734 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

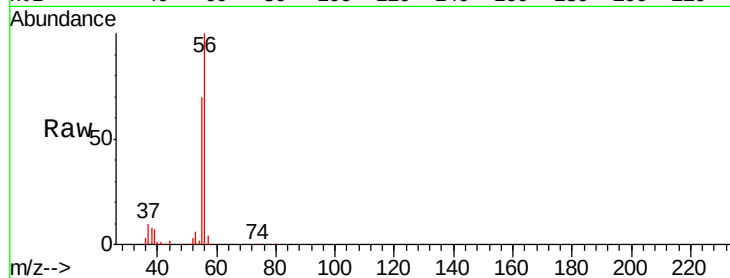
VSTDCCC050EC

Tgt Ion: 56 Resp: 84853

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

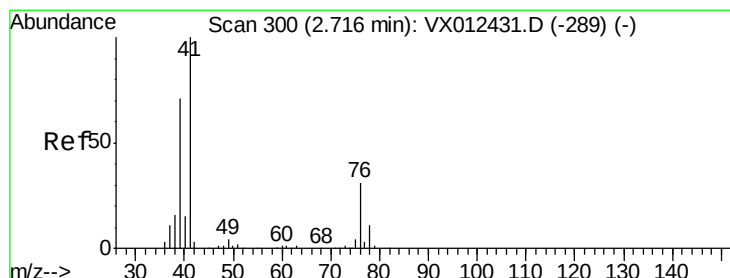
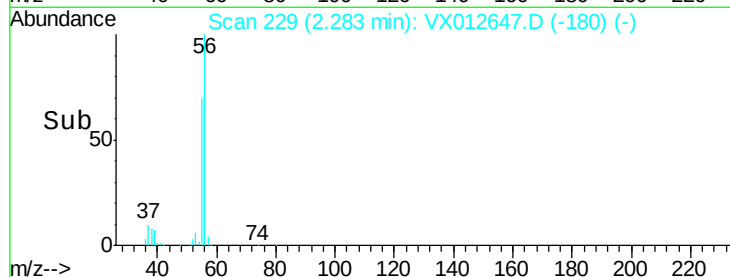
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 50.164 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

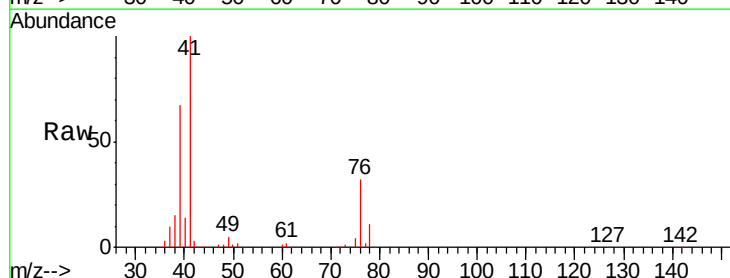
Tgt Ion: 41 Resp: 192277

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 31.2 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

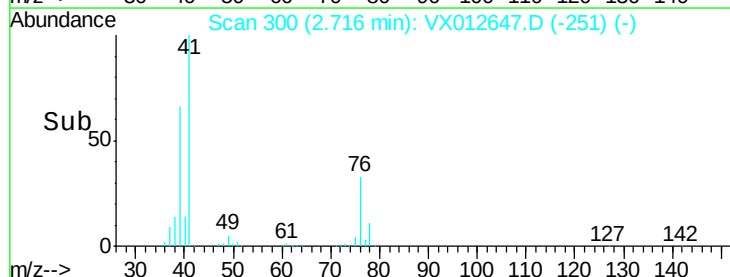
2.72

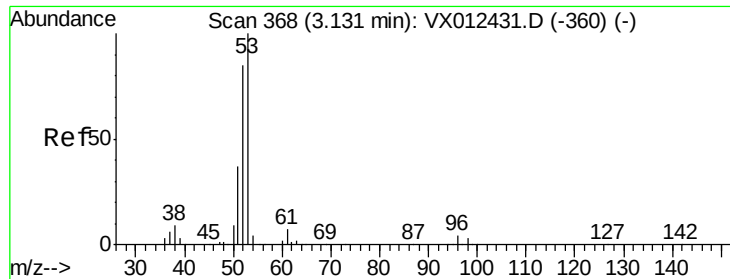
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 258.976 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

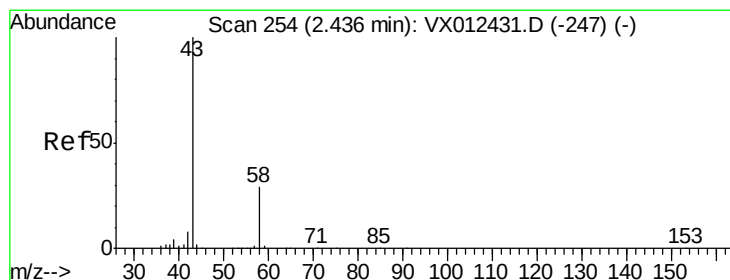
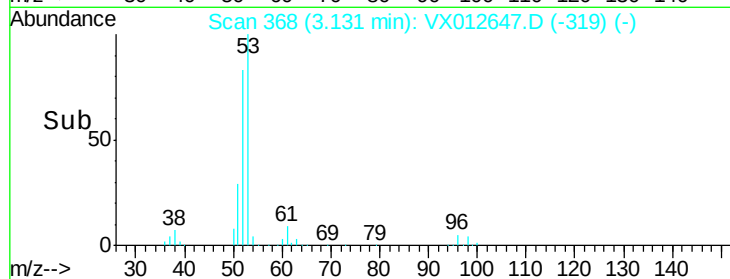
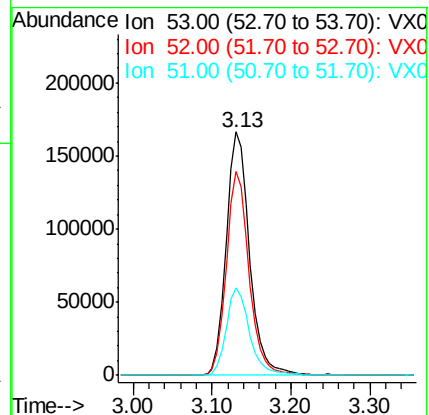
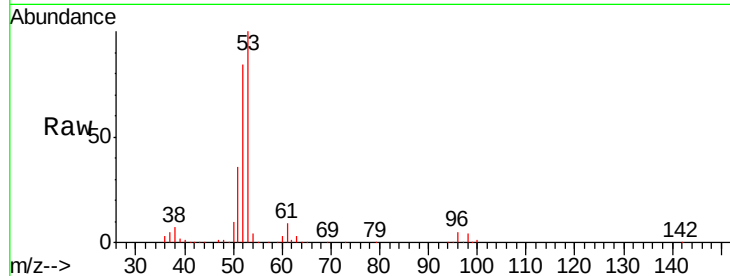
Tgt Ion: 53 Resp: 343425

Ion Ratio Lower Upper

53 100

52 81.5 67.0 100.4

51 35.9 29.6 44.4



#16

Acetone

Concen: 216.909 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012647.D

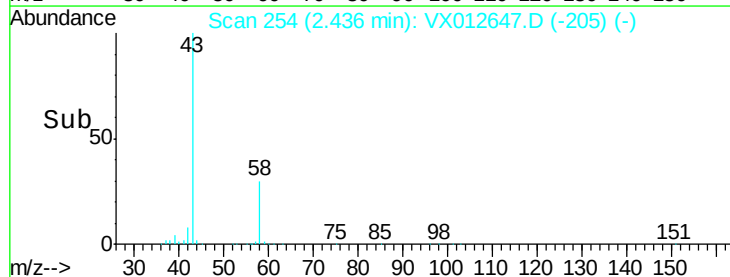
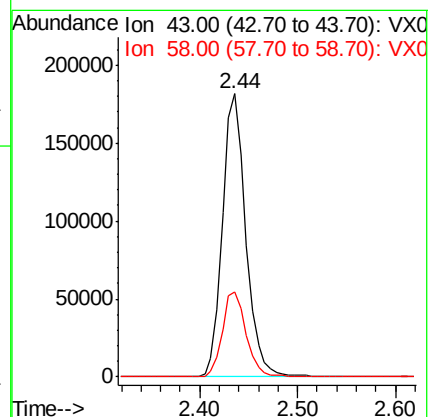
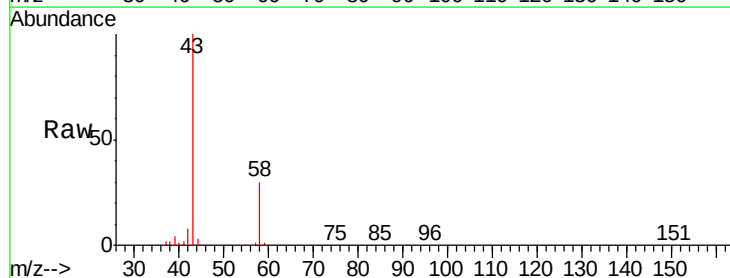
Acq: 24 Sep 2019 20:48

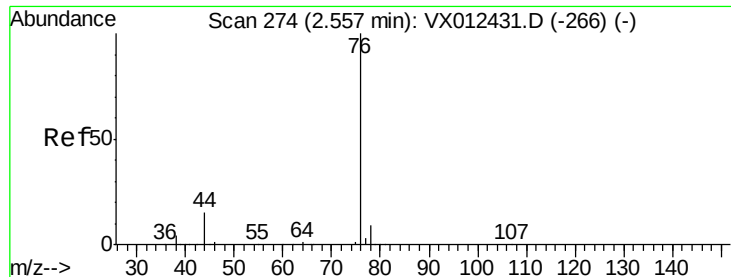
Tgt Ion: 43 Resp: 300623

Ion Ratio Lower Upper

43 100

58 30.2 23.3 34.9

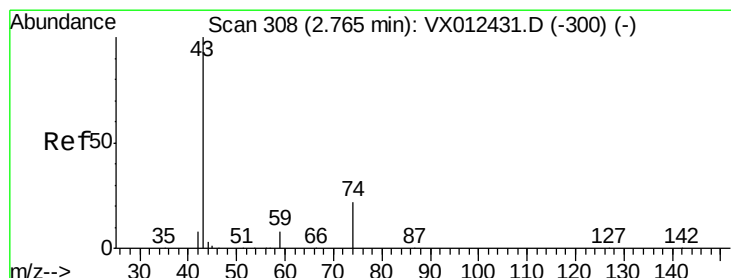
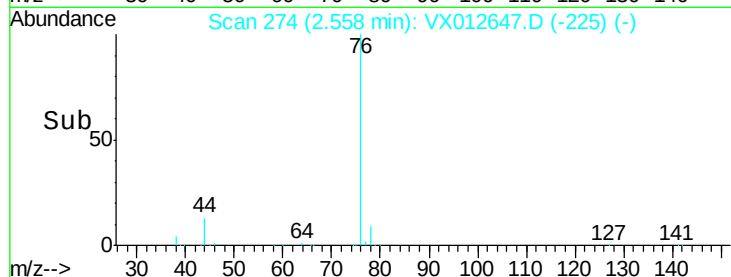
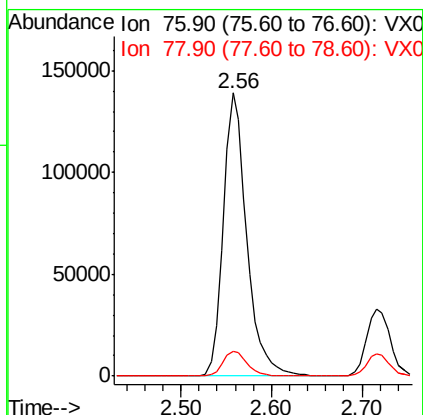
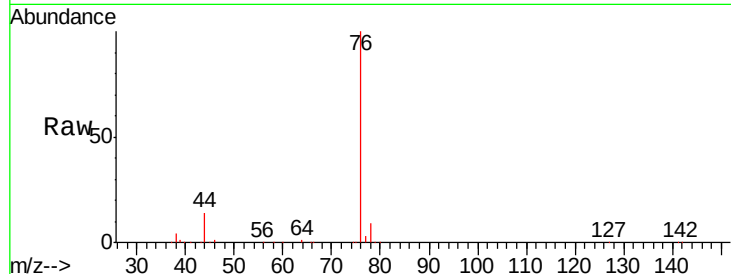




#17
Carbon Disulfide
Concen: 46.084 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

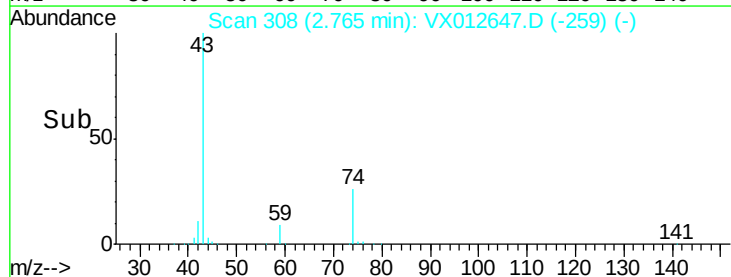
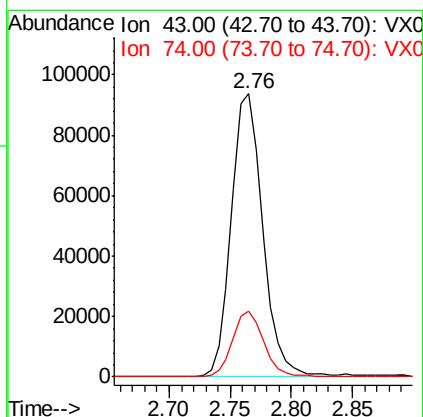
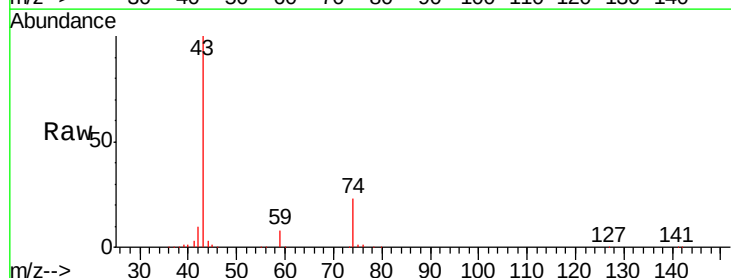
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

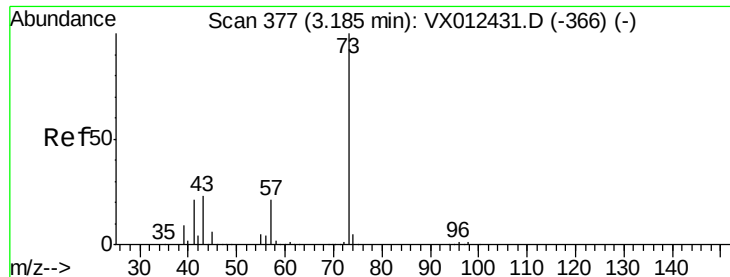
Tgt Ion: 76 Resp: 249597
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 51.034 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 43 Resp: 166545
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.318 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

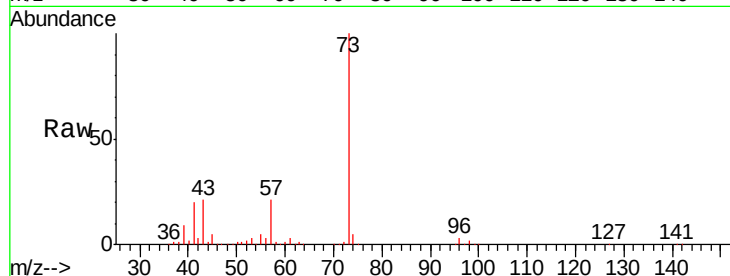
VSTDCCC050EC

Tgt Ion: 73 Resp: 382578

Ion Ratio Lower Upper

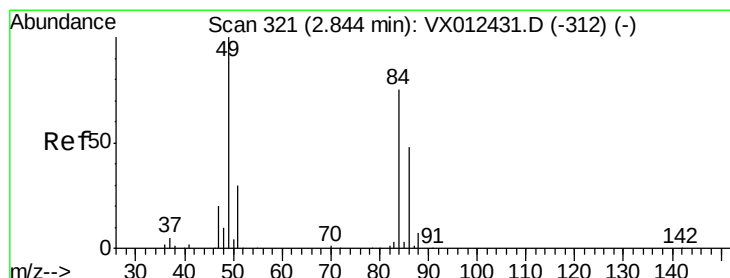
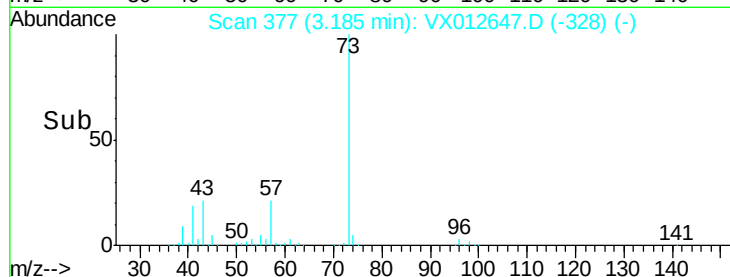
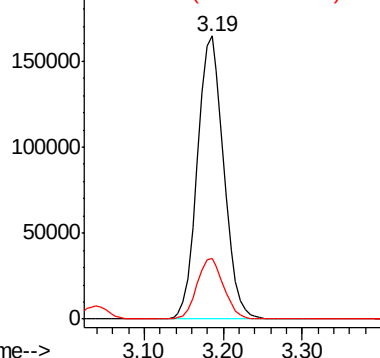
73 100

57 21.2 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 49.475 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Tgt Ion: 84 Resp: 115977

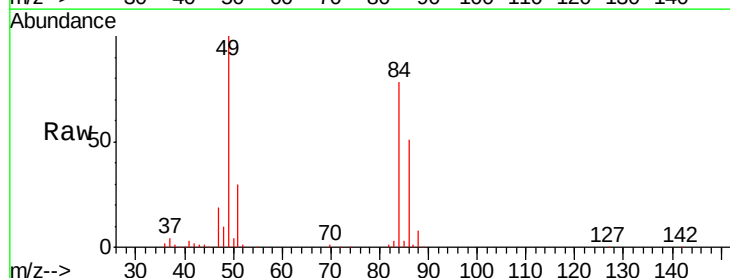
Ion Ratio Lower Upper

84 100

49 127.6 106.8 160.2

51 38.5 32.3 48.5

86 65.5 51.3 76.9

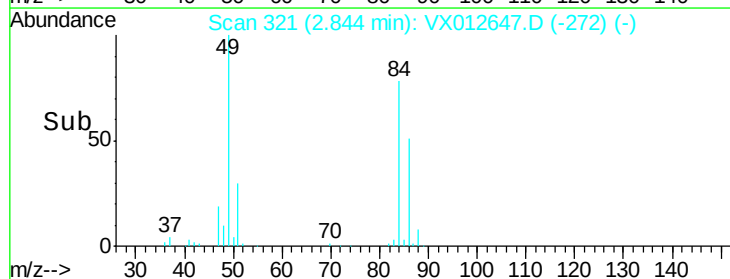
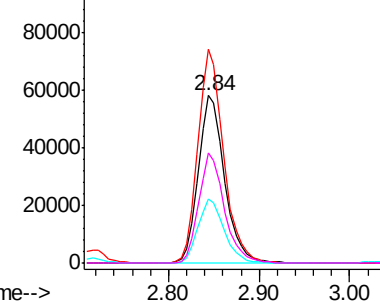


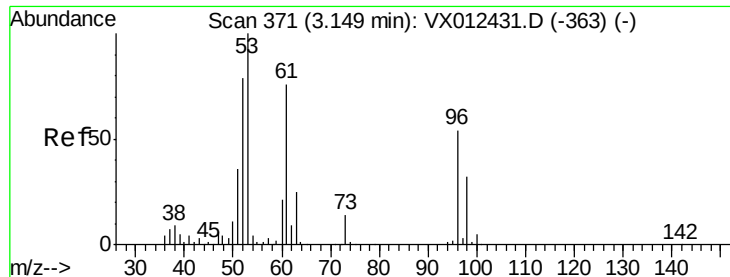
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 50.276 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

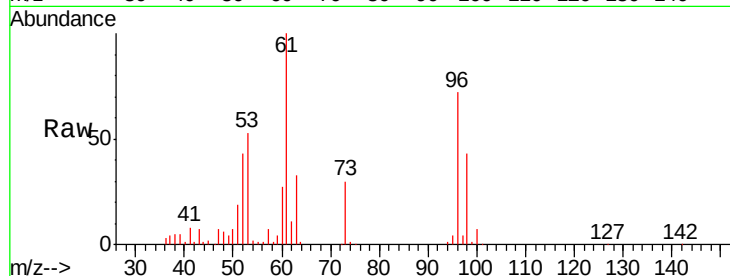
Tgt Ion: 96 Resp: 107607

Ion Ratio Lower Upper

96 100

61 139.3 112.0 168.0

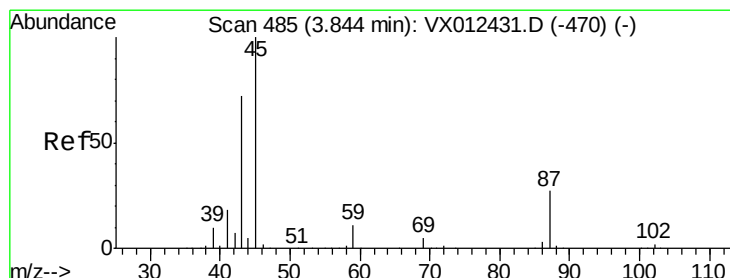
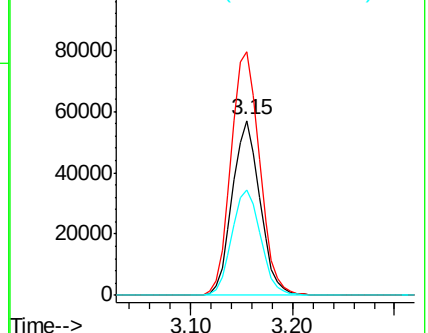
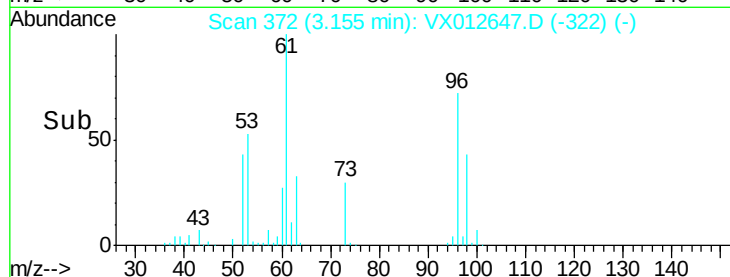
98 60.5 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.982 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Tgt Ion: 45 Resp: 384994

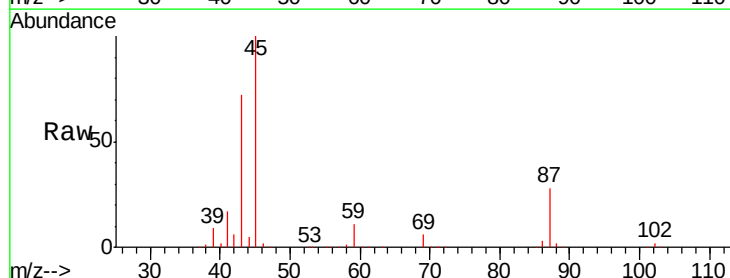
Ion Ratio Lower Upper

45 100

43 71.2 57.8 86.8

87 27.6 21.3 31.9

59 11.5 8.5 12.7

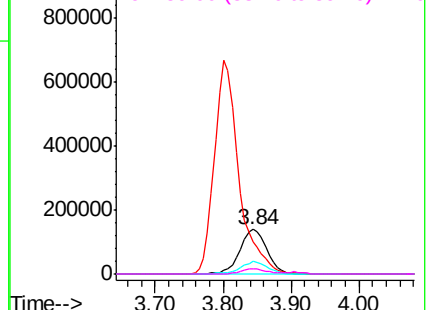
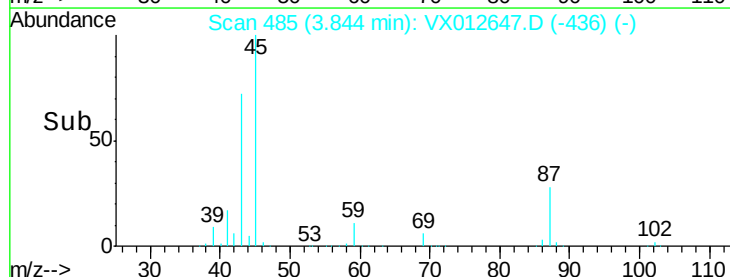


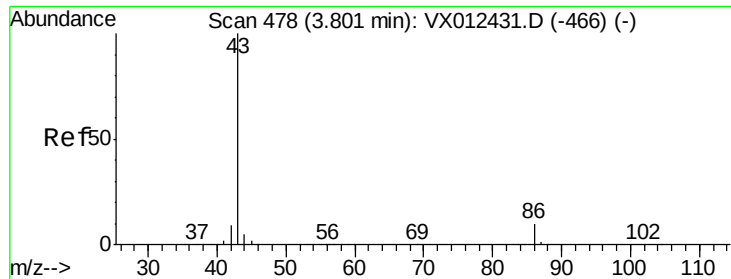
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 258.724 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

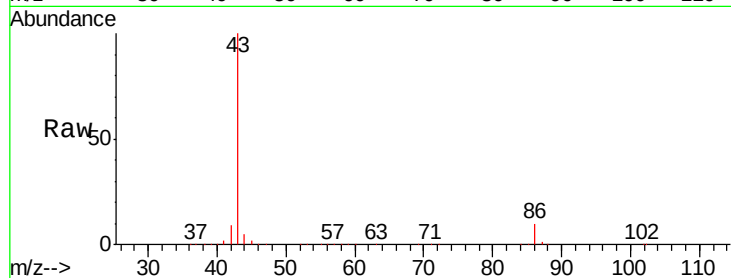
VSTDCCC050EC

Tgt Ion: 43 Resp: 1680408

Ion Ratio Lower Upper

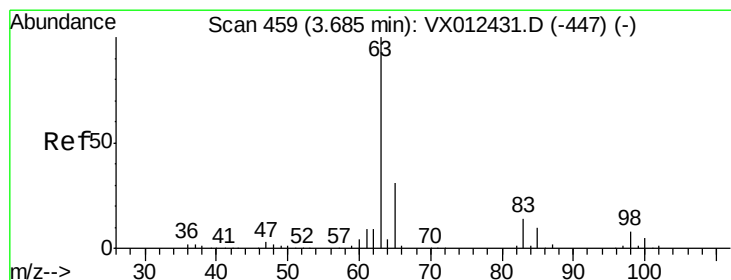
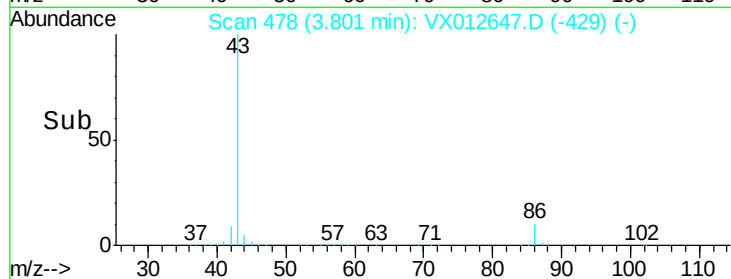
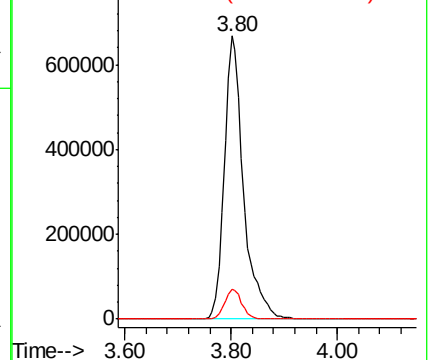
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.176 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

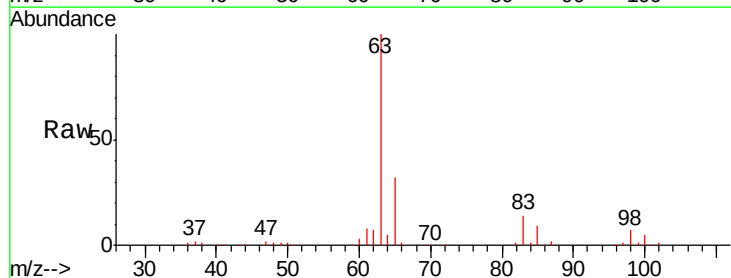
Tgt Ion: 63 Resp: 206029

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

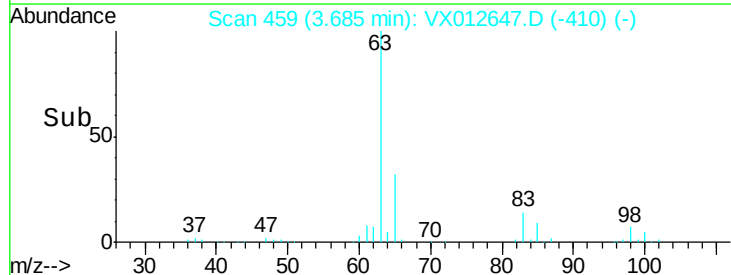
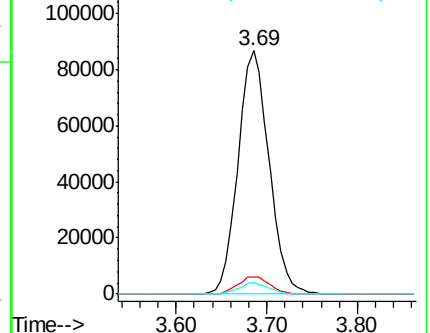
100 5.0 2.3 6.9

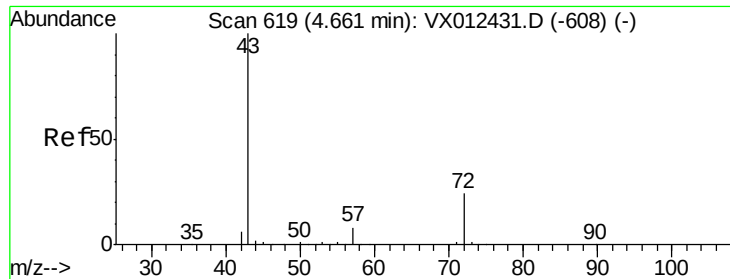


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.300 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

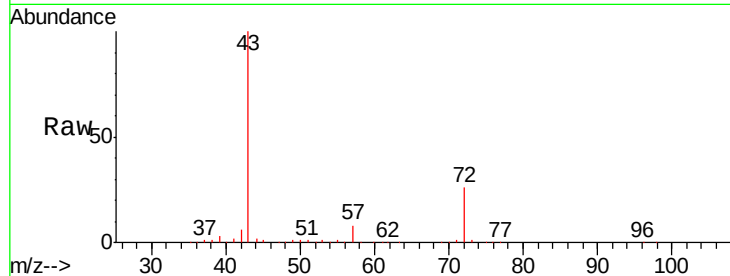
VSTDCCC050EC

Tgt Ion: 43 Resp: 491443

Ion Ratio Lower Upper

43 100

72 25.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

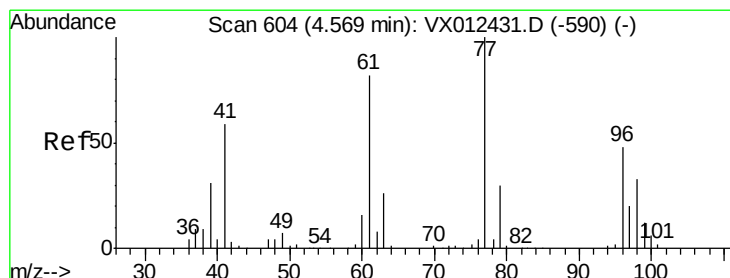
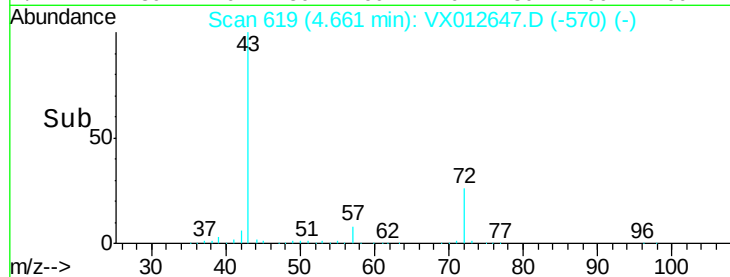
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.726 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012647.D

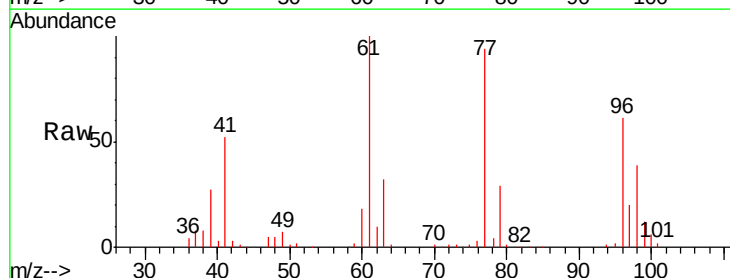
Acq: 24 Sep 2019 20:48

Tgt Ion: 77 Resp: 160147

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

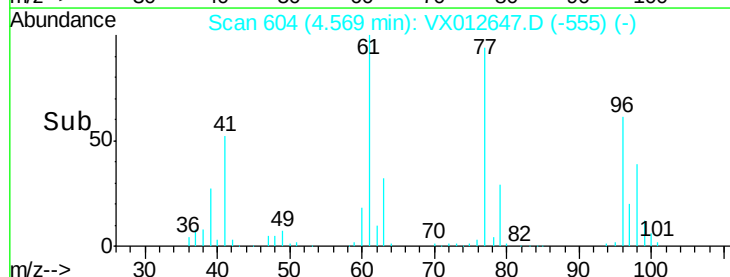
20000

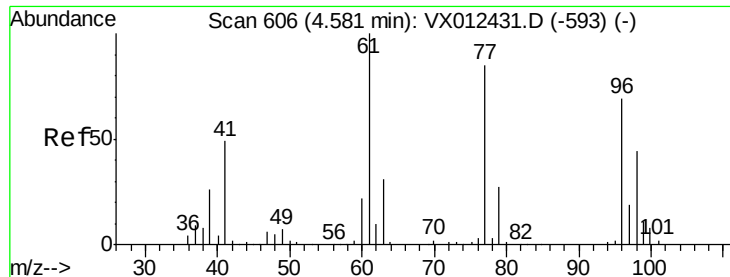
10000

0

4.40 4.50 4.60 4.70

Time-->



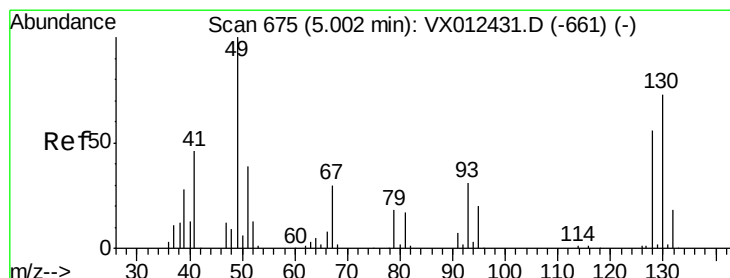
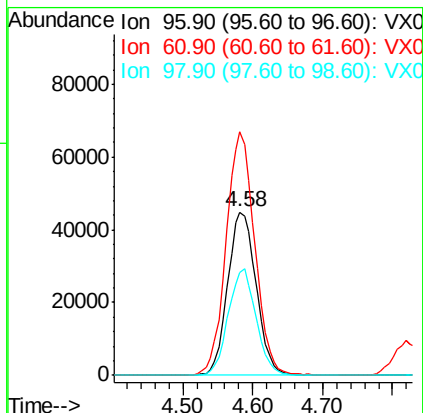
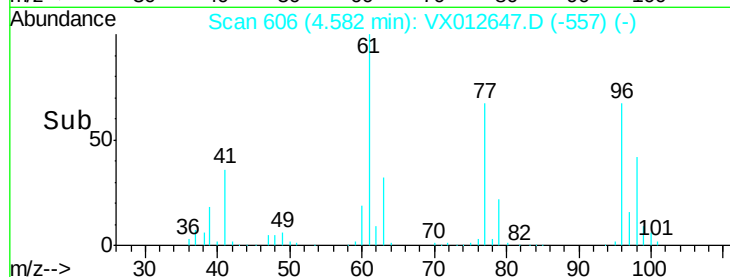
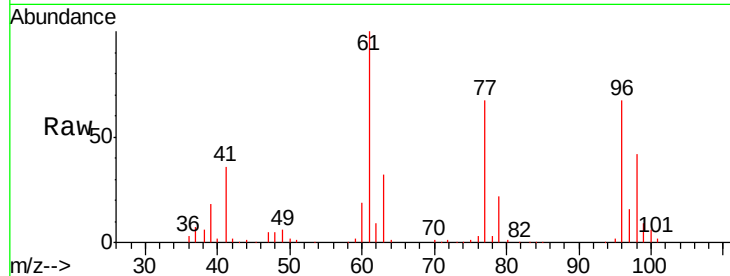


#27

cis-1,2-Dichloroethene
Concen: 51.071 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

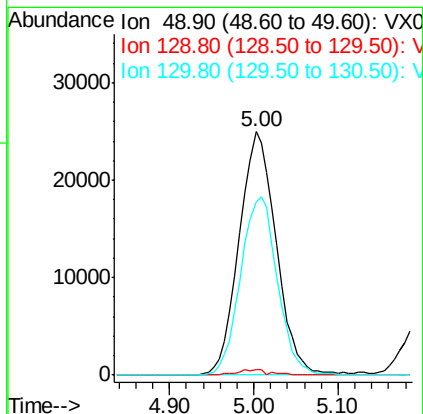
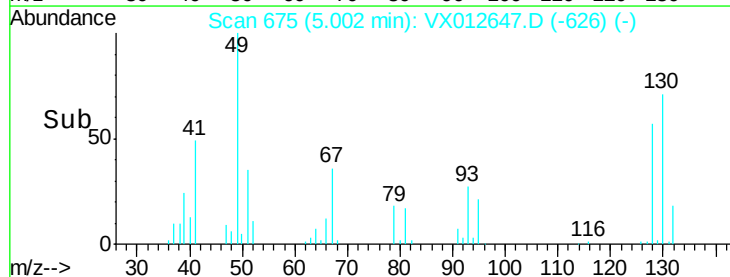
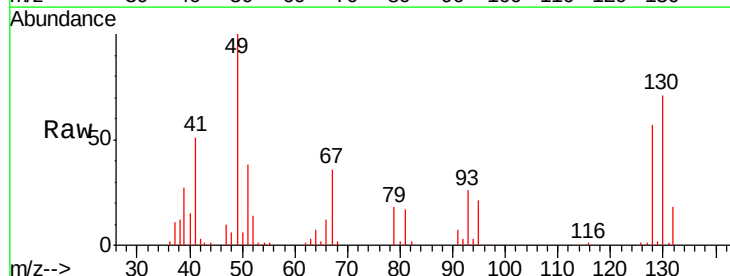
Tgt Ion: 96 Resp: 126831
Ion Ratio Lower Upper
96 100
61 149.7 0.0 319.4
98 63.8 0.0 130.6

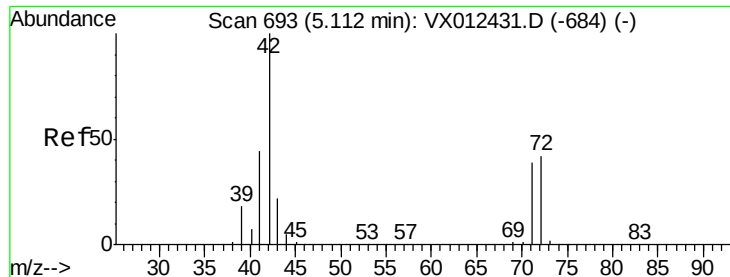


#28

Bromochloromethane
Concen: 50.887 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 49 Resp: 74387
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 72.6 58.2 87.4





#29

Tetrahydrofuran

Concen: 265.401 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

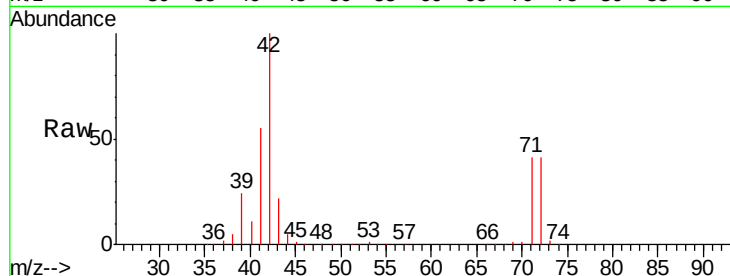
Tgt Ion: 42 Resp: 321461

Ion Ratio Lower Upper

42 100

72 43.8 34.0 51.0

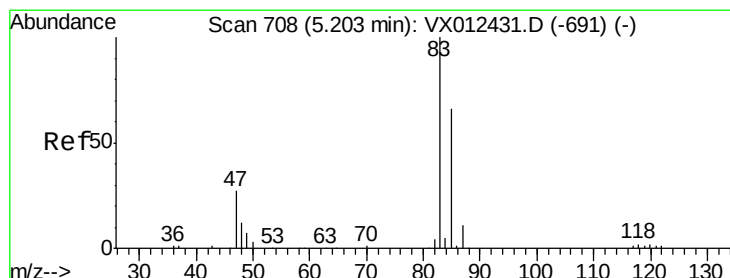
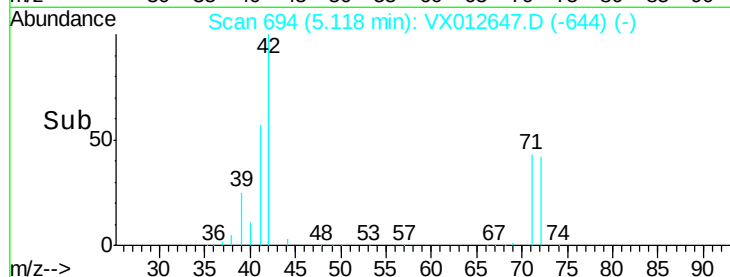
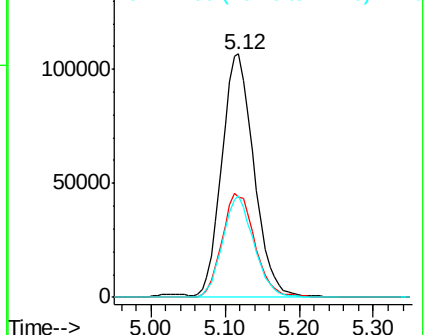
71 40.6 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.274 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012647.D

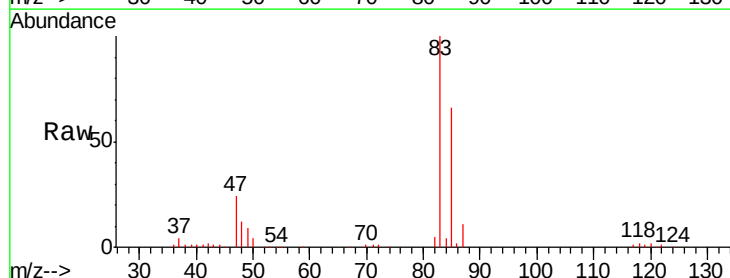
Acq: 24 Sep 2019 20:48

Tgt Ion: 83 Resp: 207070

Ion Ratio Lower Upper

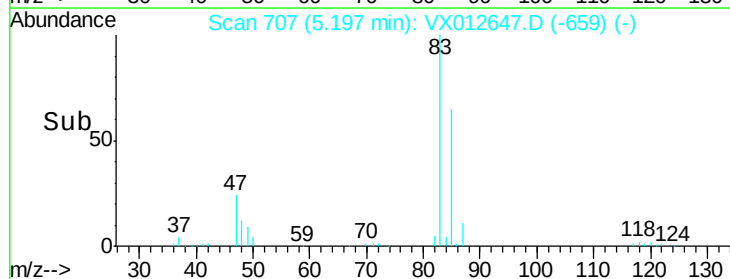
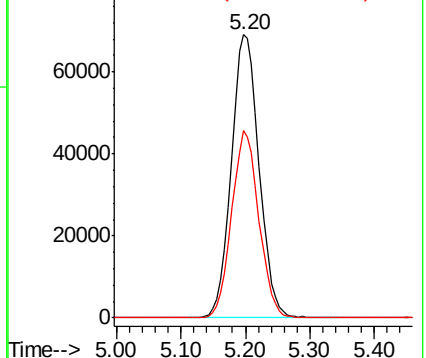
83 100

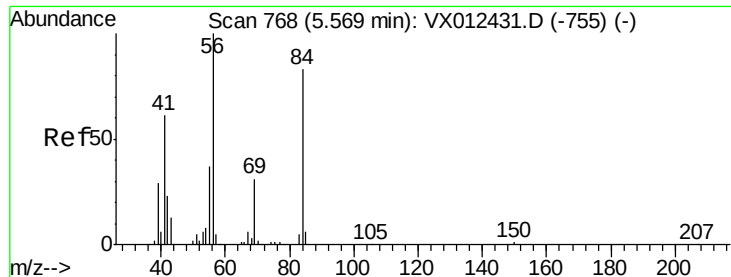
85 66.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

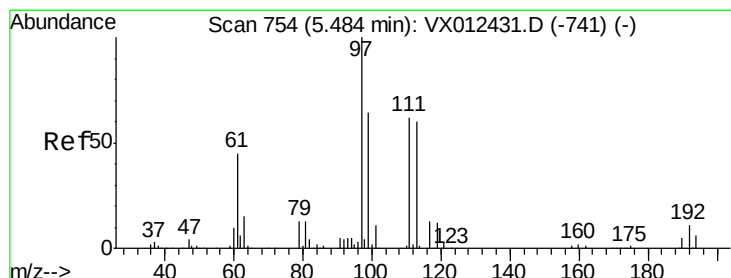
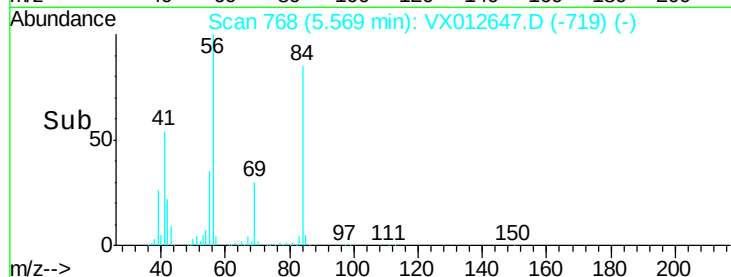
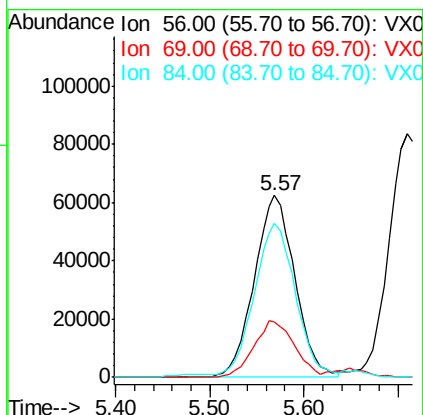
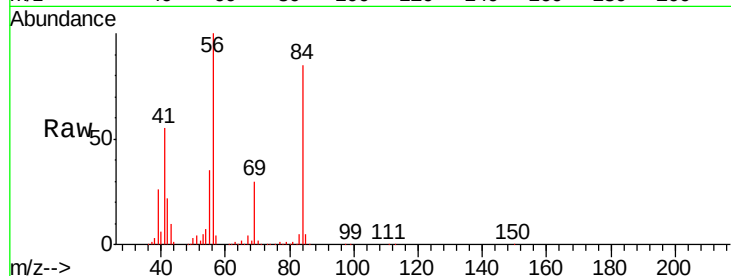




#31
Cyclohexane
Concen: 51.570 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

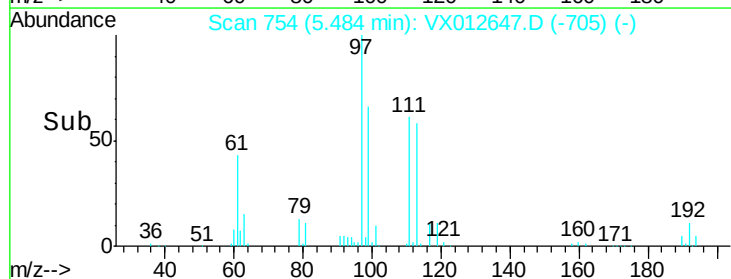
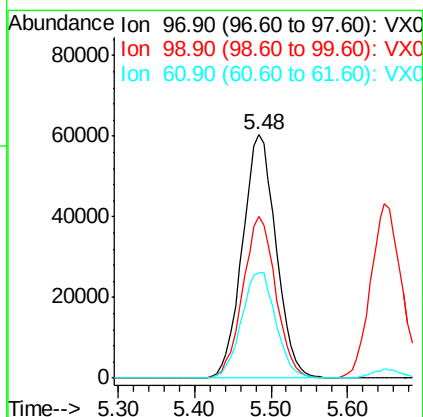
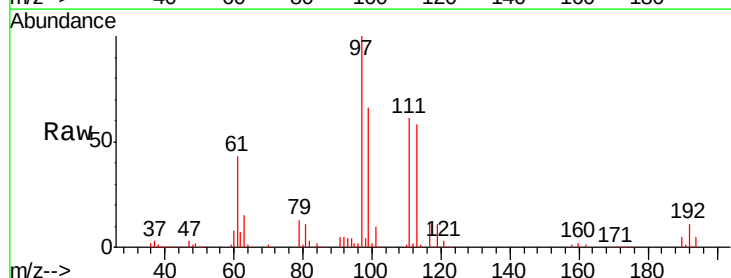
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

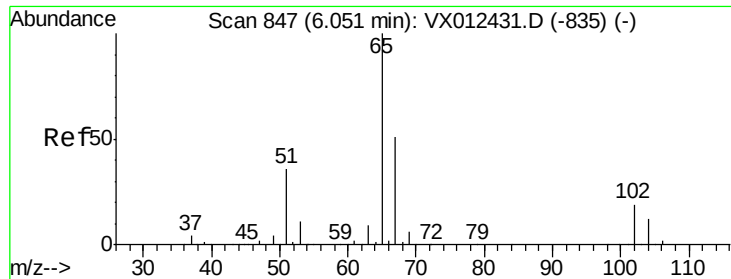
Tgt Ion: 56 Resp: 187823
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 83.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.541 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 97 Resp: 184496
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.6 36.1 54.1

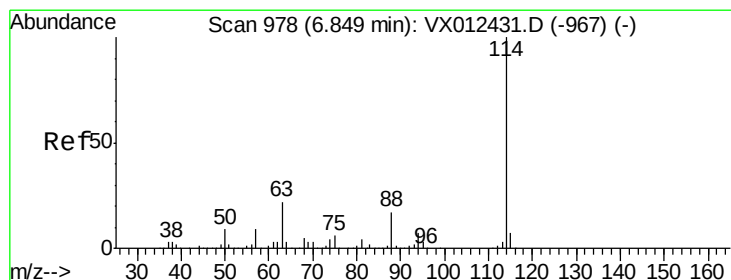
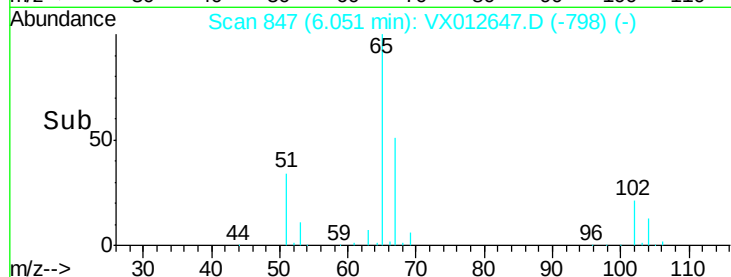
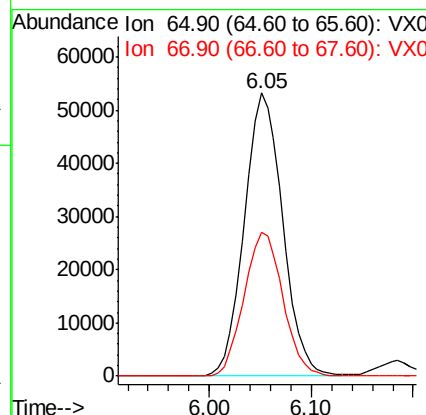
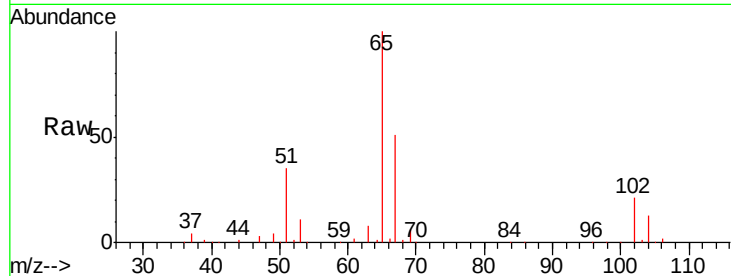




#33
 1,2-Dichloroethane-d4
 Concen: 53.068 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

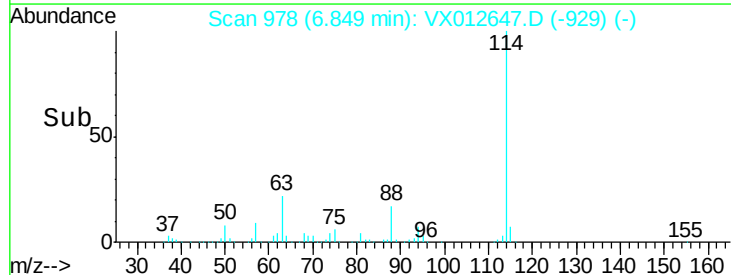
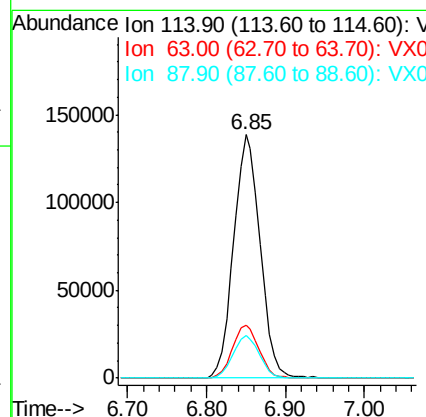
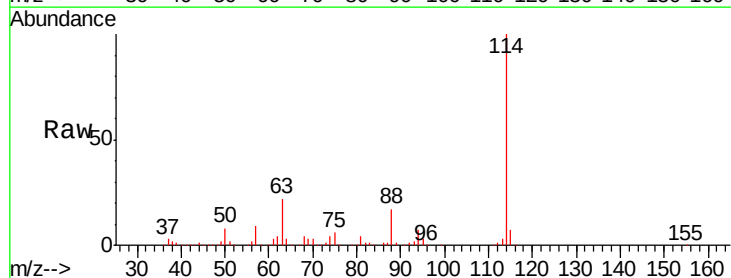
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

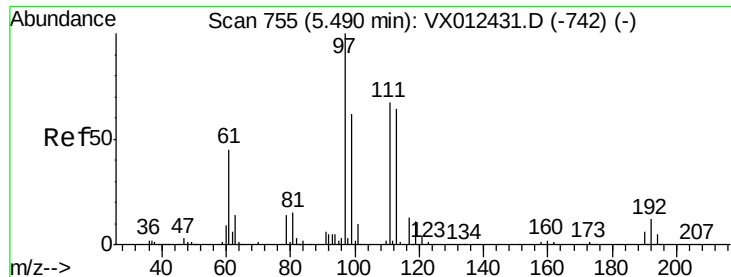
Tgt Ion: 65 Resp: 138856
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 114 Resp: 323556
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.4 0.0 33.2

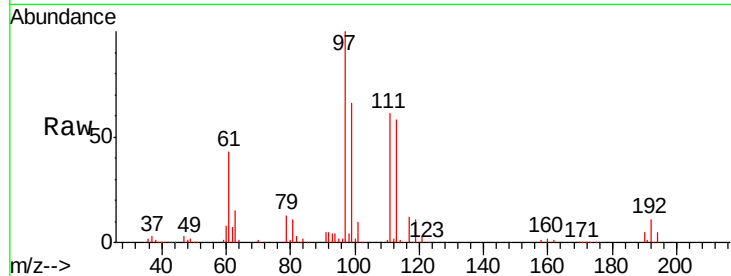




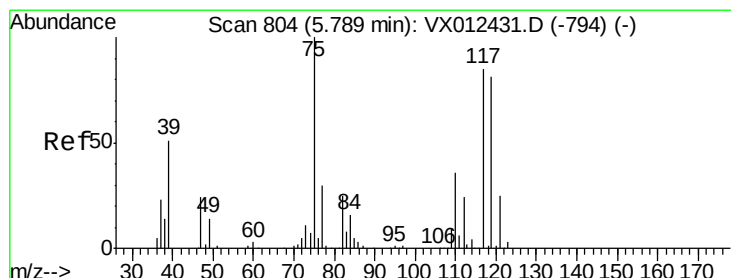
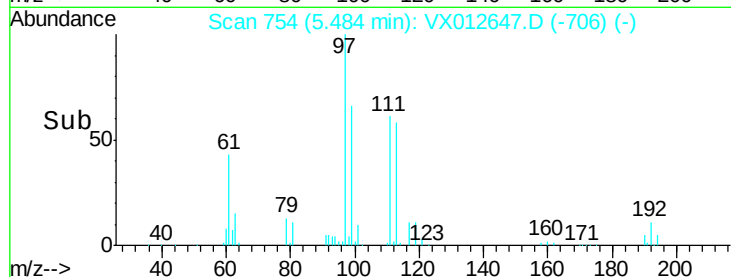
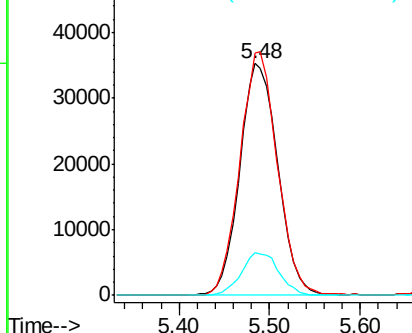
#35
 Dibromofluoromethane
 Concen: 53.175 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.2
192	18.2	14.4	21.6

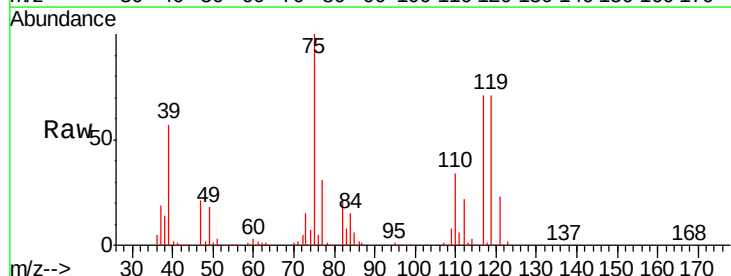


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

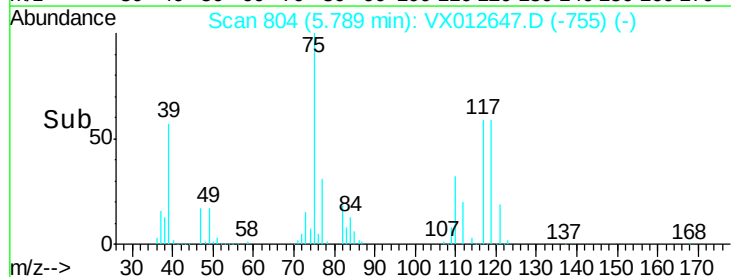
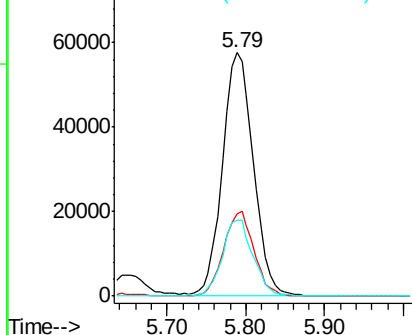


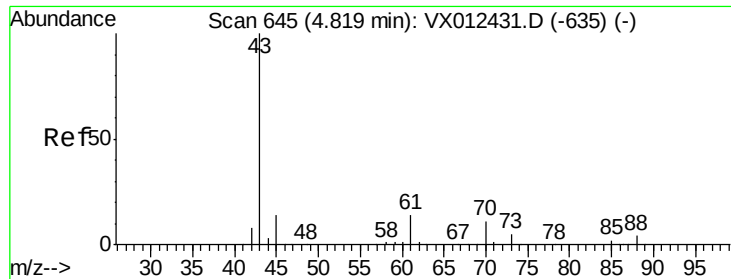
#36
 1,1-Dichloropropene
 Concen: 50.346 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.7	50.0
77	31.2	24.2	36.2



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

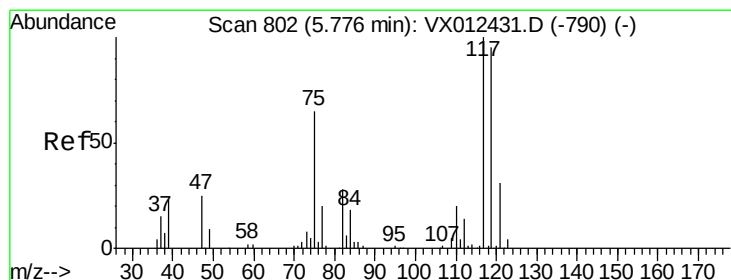
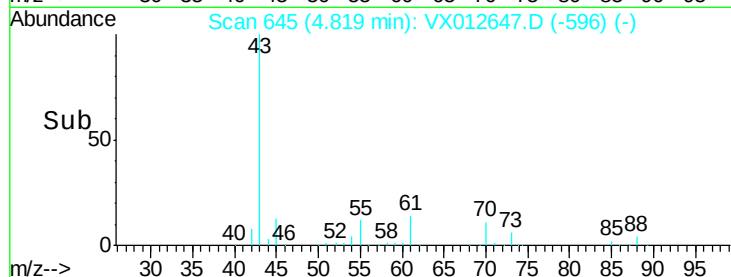
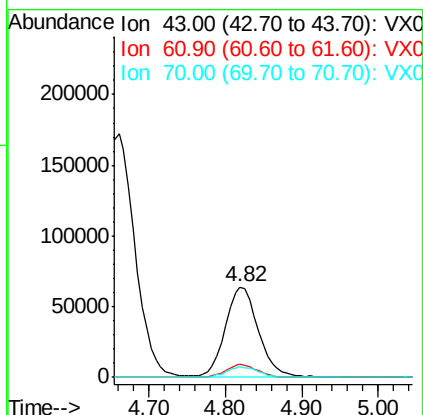
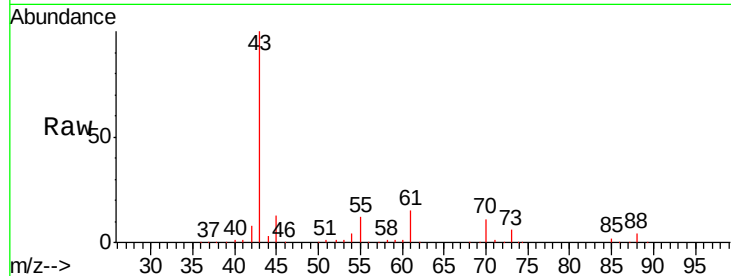




#37
Ethyl Acetate
Concen: 51.905 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

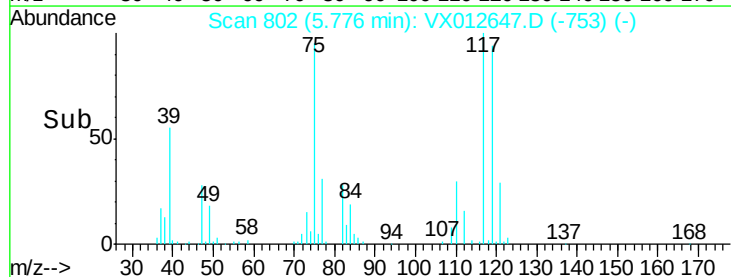
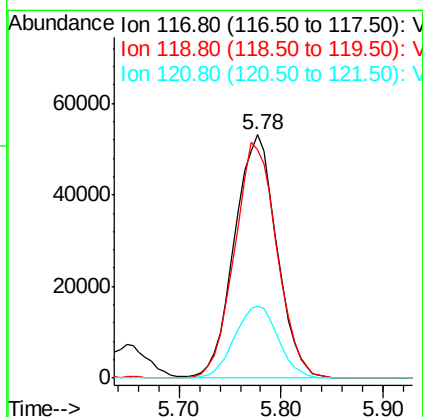
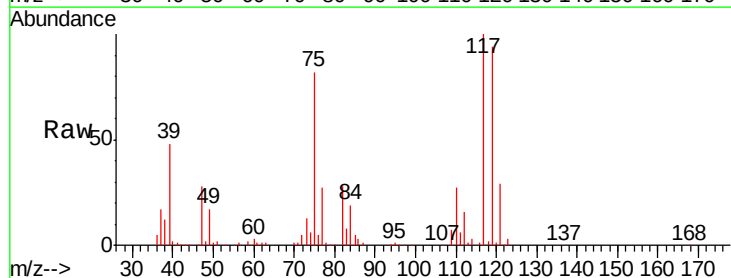
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

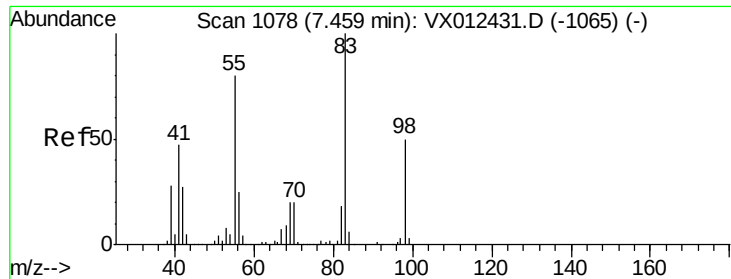
Tgt Ion: 43 Resp: 189253
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.4
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.214 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 117 Resp: 152745
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5
121 29.5 24.2 36.4

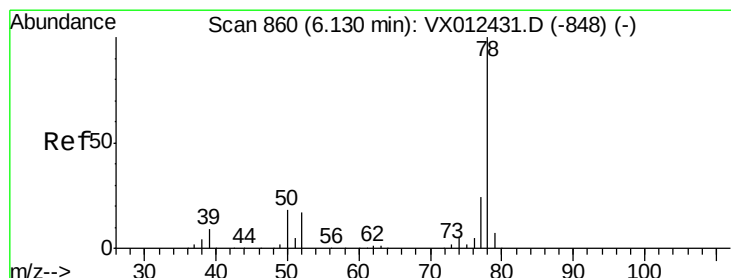
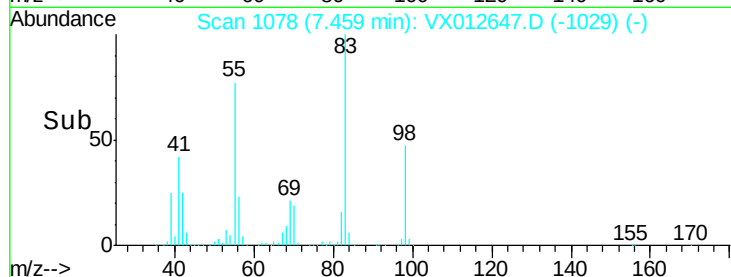
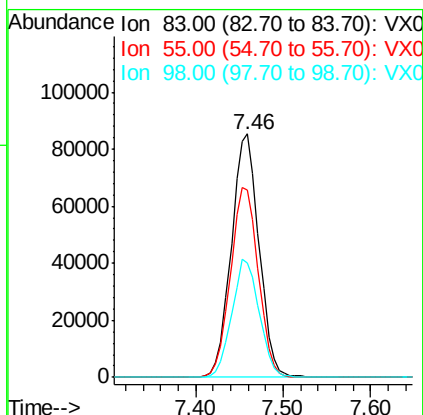
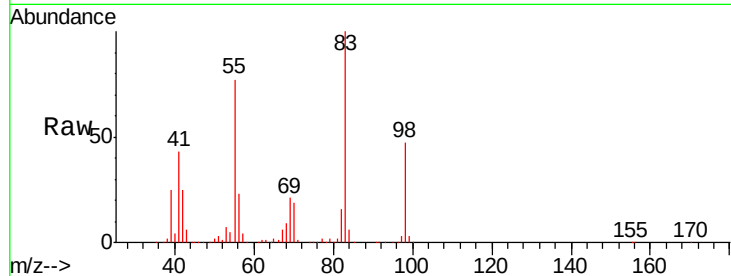




#39
Methylcyclohexane
Concen: 49.814 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

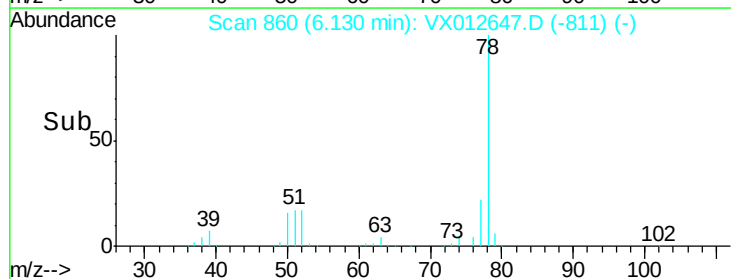
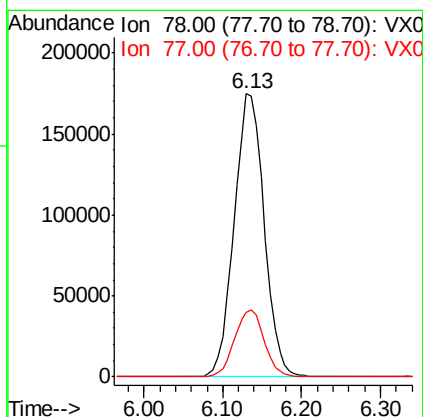
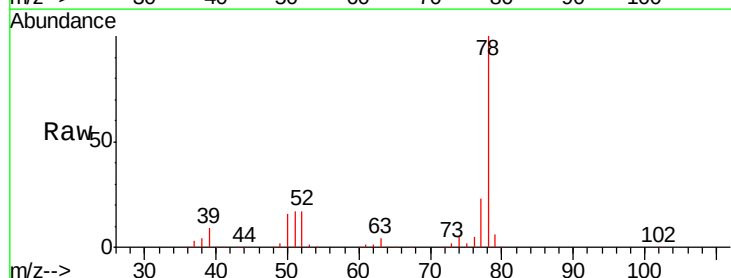
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

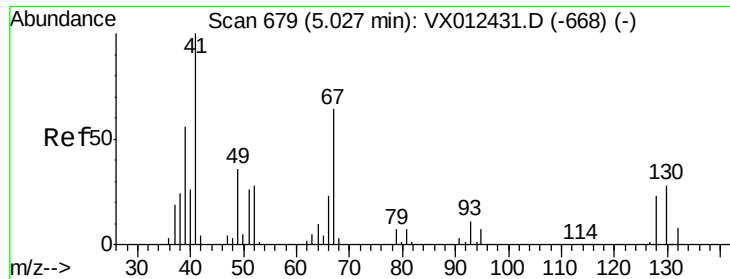
Tgt Ion: 83 Resp: 187030
Ion Ratio Lower Upper
83 100
55 76.8 64.4 96.6
98 46.9 40.1 60.1



#40
Benzene
Concen: 50.463 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 78 Resp: 463060
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

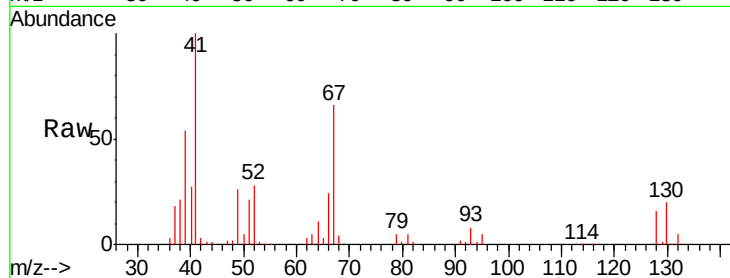




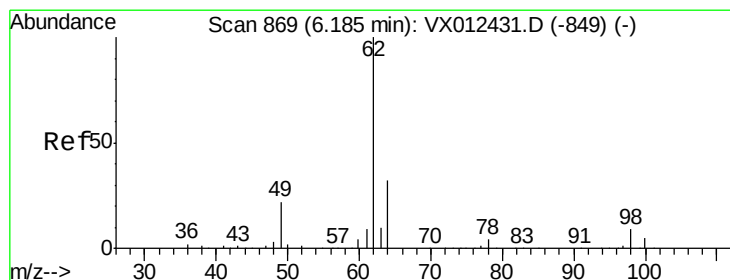
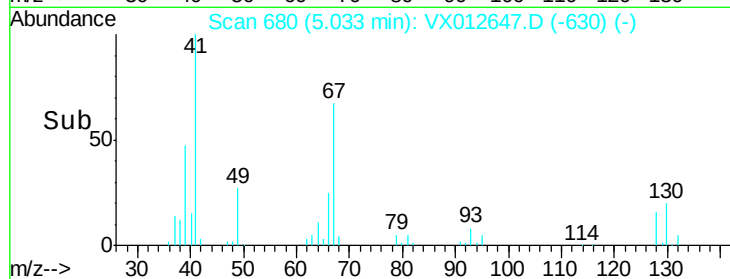
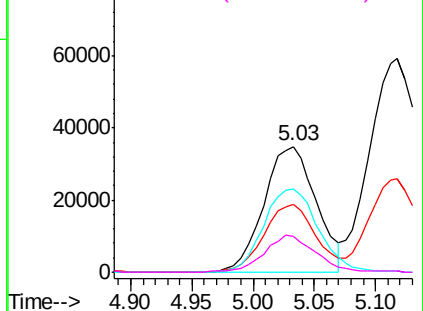
#41
Methacrylonitrile
Concen: 50.747 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	103814
Ion	Ratio	Lower	Upper
41	100		
39	53.4	46.0	69.0
67	69.4	52.2	78.2
52	29.3	22.7	34.1

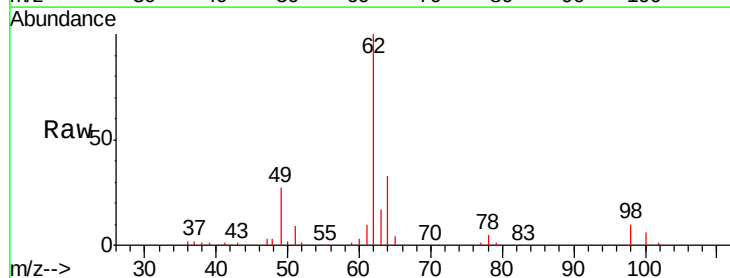


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

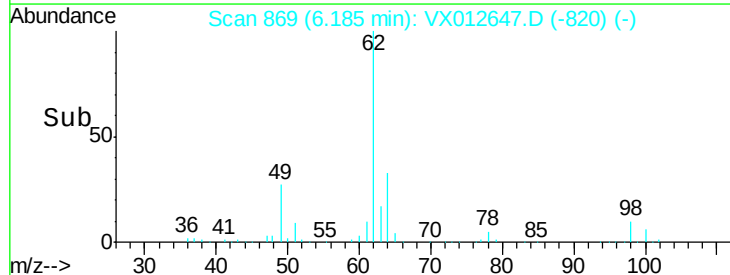
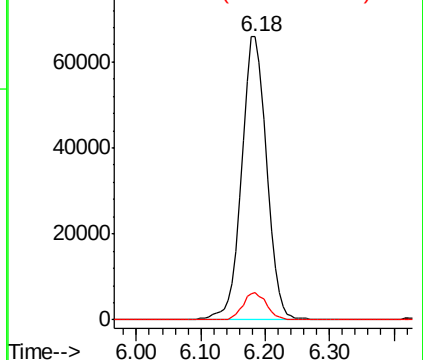


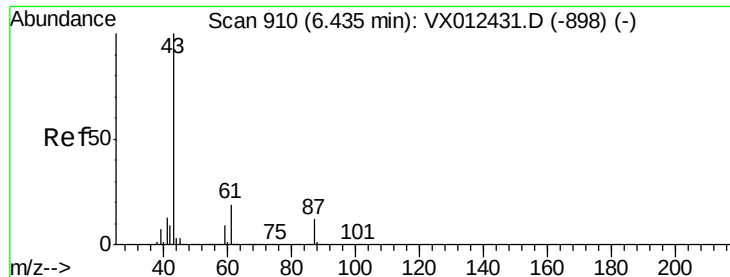
#42
1,2-Dichloroethane
Concen: 50.469 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion:	62	Resp:	175862
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.488 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

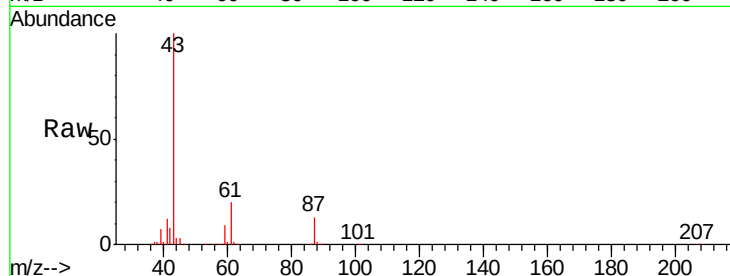
Tgt Ion: 43 Resp: 307845

Ion Ratio Lower Upper

43 100

61 20.3 15.4 23.0

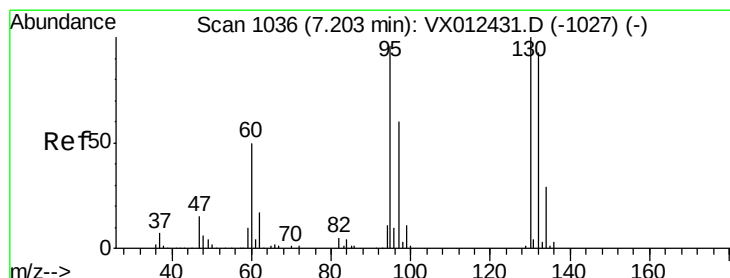
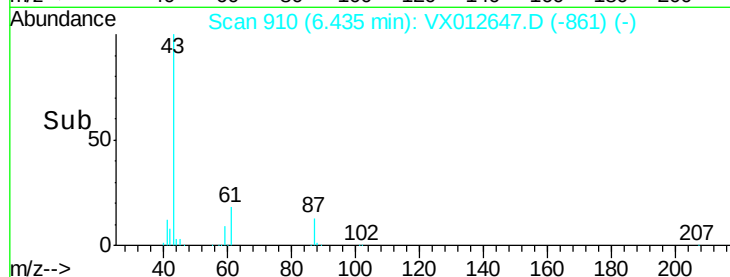
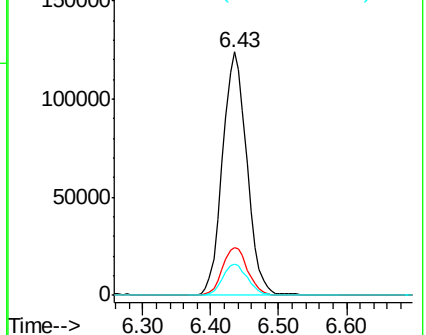
87 13.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.897 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012647.D

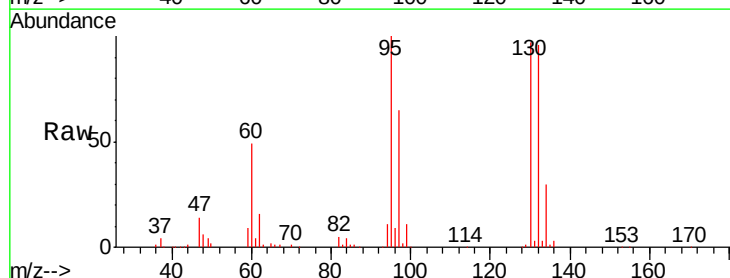
Acq: 24 Sep 2019 20:48

Tgt Ion: 130 Resp: 117052

Ion Ratio Lower Upper

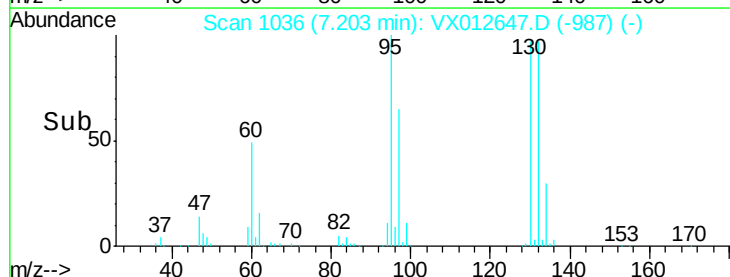
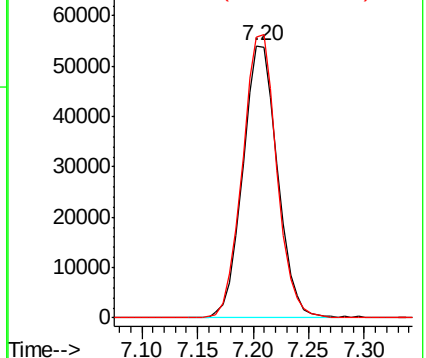
130 100

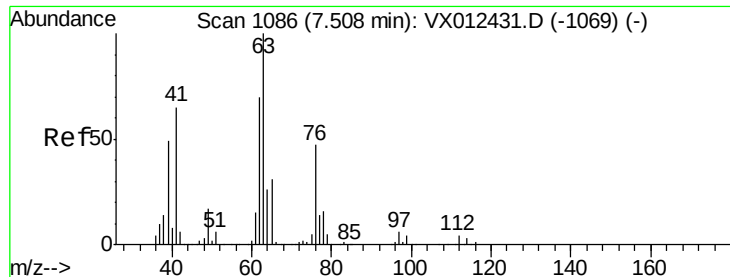
95 103.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.531 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

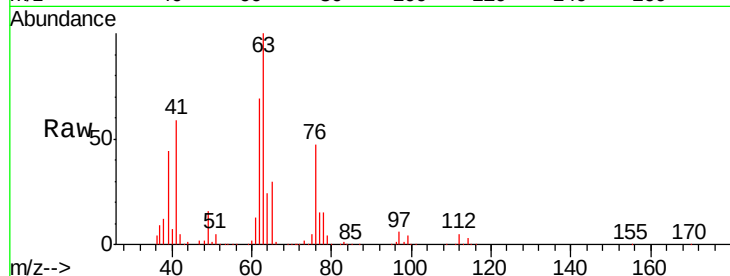
VSTDCCC050EC

Tgt Ion: 63 Resp: 121062

Ion Ratio Lower Upper

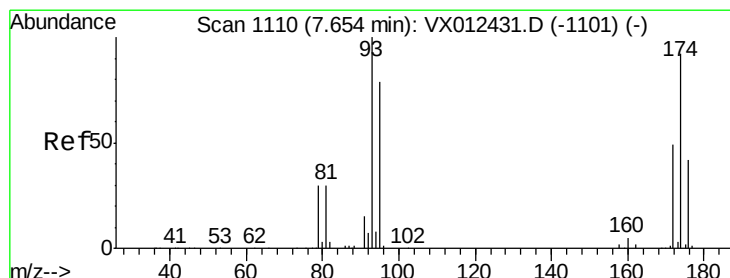
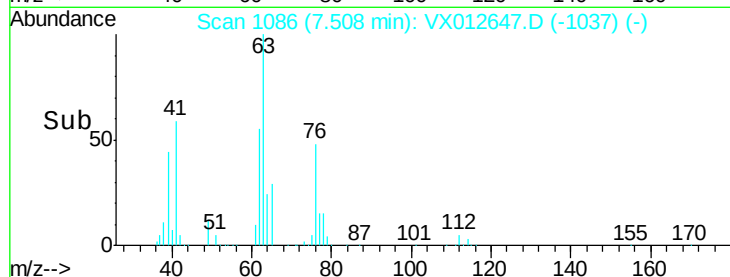
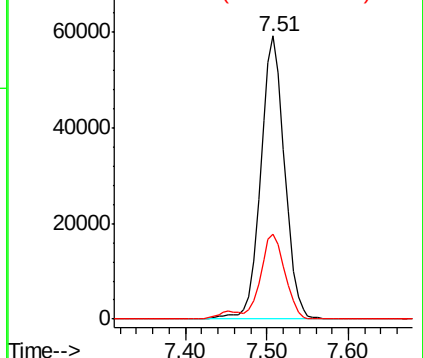
63 100

65 30.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.459 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

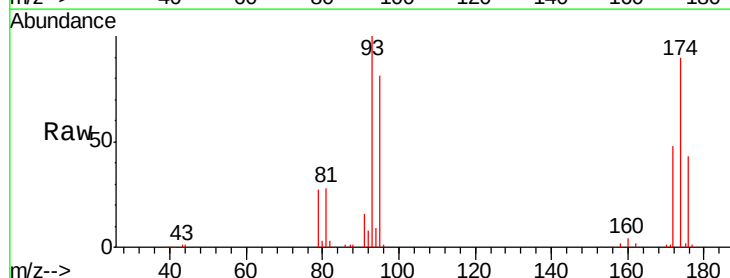
Tgt Ion: 93 Resp: 80711

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

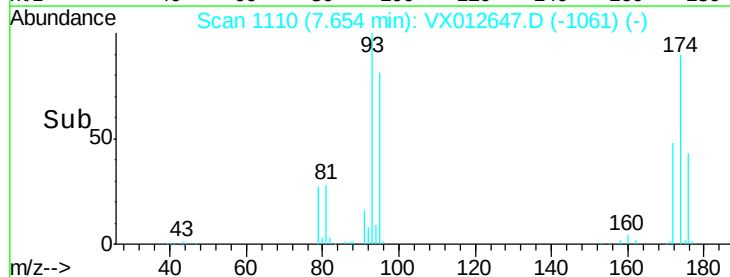
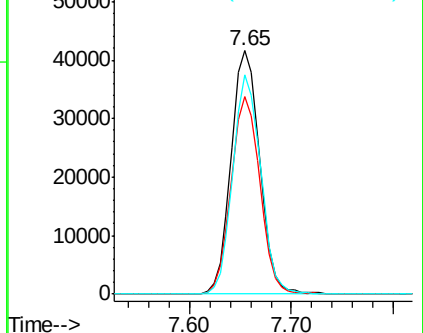
174 88.2 77.4 116.0

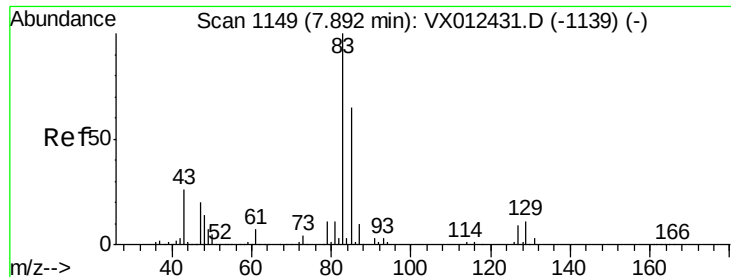


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.221 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

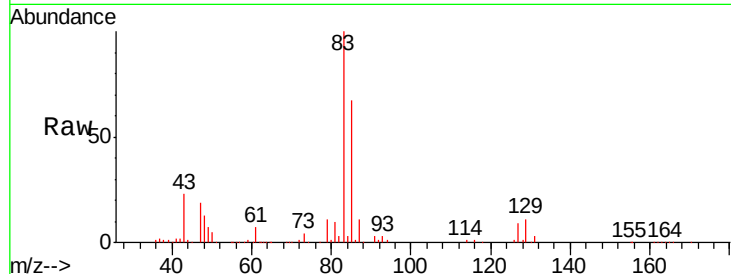
Tgt Ion: 83 Resp: 157355

Ion Ratio Lower Upper

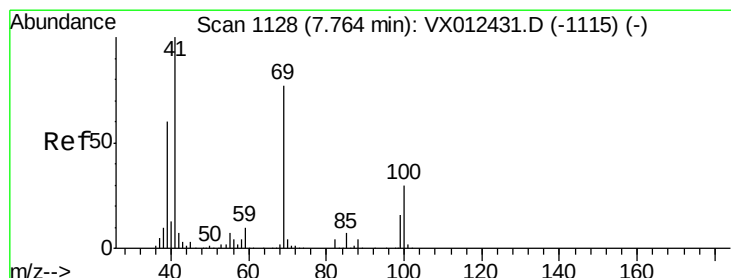
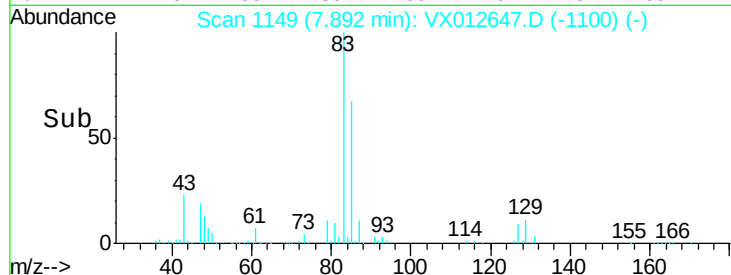
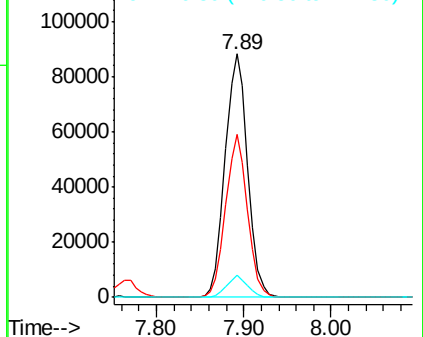
83 100

85 66.7 51.8 77.6

127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.458 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

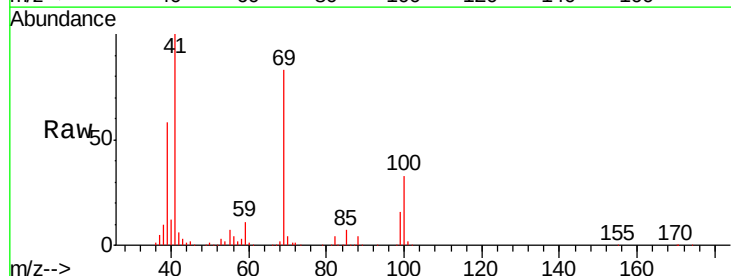
Tgt Ion: 41 Resp: 150447

Ion Ratio Lower Upper

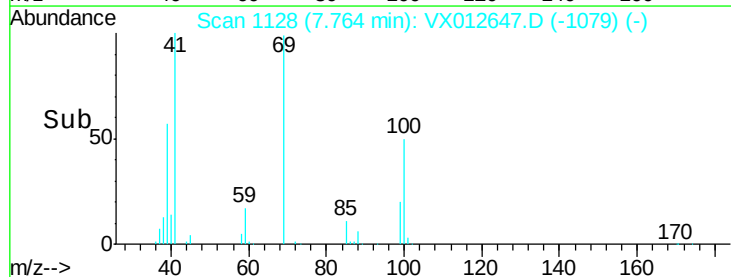
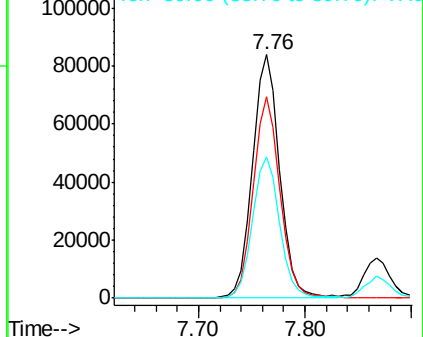
41 100

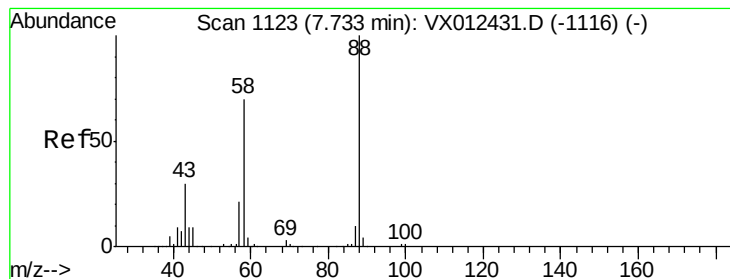
69 82.0 59.9 89.9

39 58.5 47.8 71.6



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: 1047.475 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

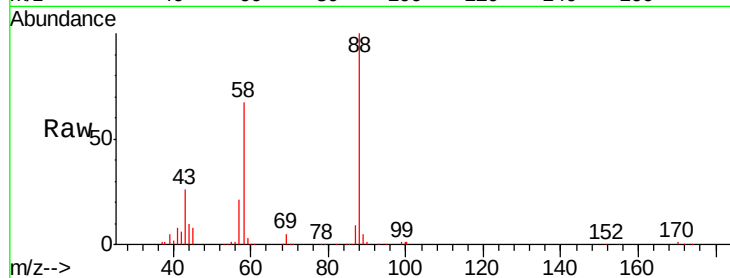
Tgt Ion: 88 Resp: 69463

Ion Ratio Lower Upper

88 100

43 33.2 29.4 44.0

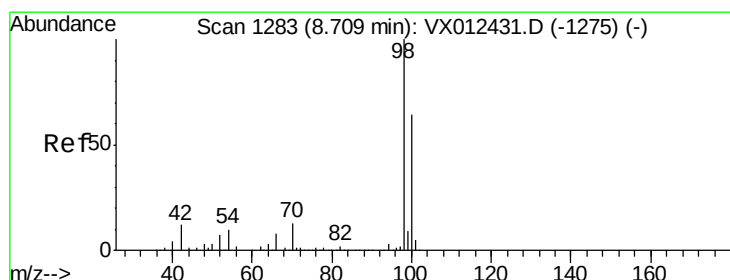
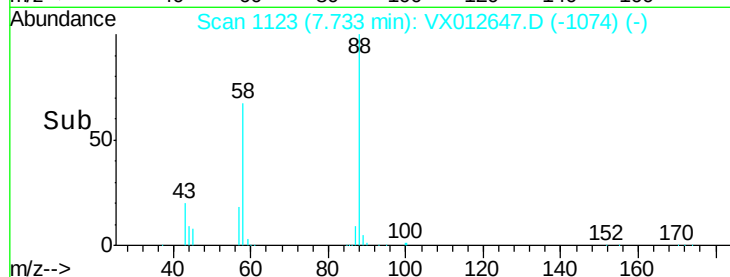
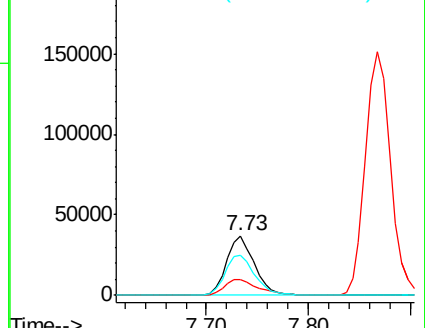
58 72.8 57.5 86.3



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: 53.265 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012647.D

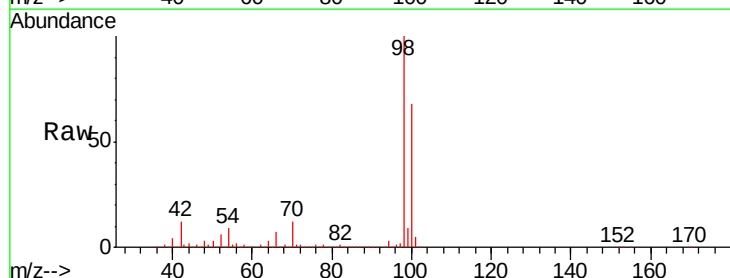
Acq: 24 Sep 2019 20:48

Tgt Ion: 98 Resp: 395264

Ion Ratio Lower Upper

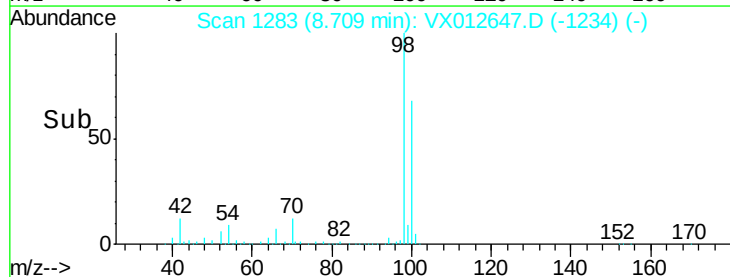
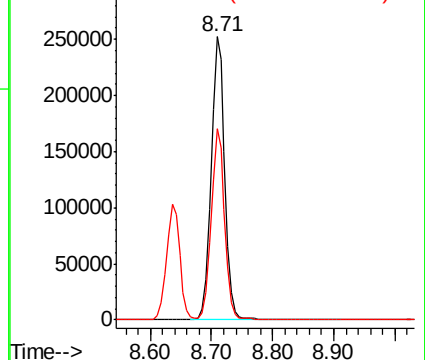
98 100

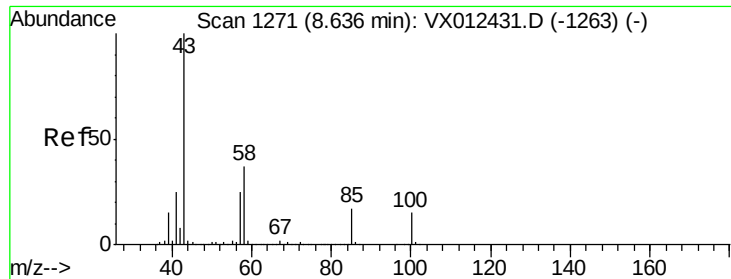
100 66.4 53.4 80.2



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: 258.569 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

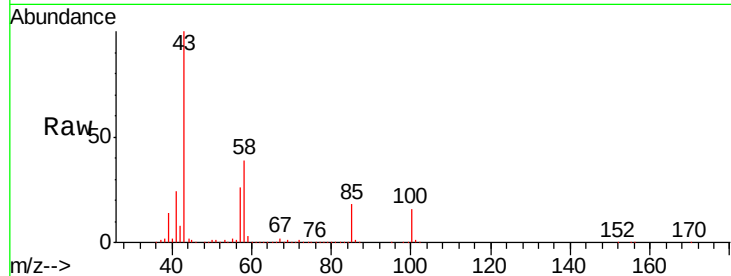
VSTDCCC050EC

Tgt Ion: 43 Resp: 973218

Ion Ratio Lower Upper

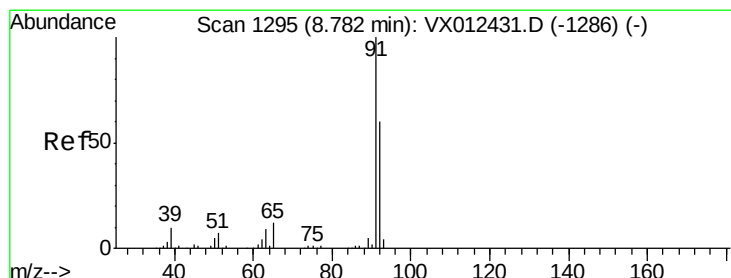
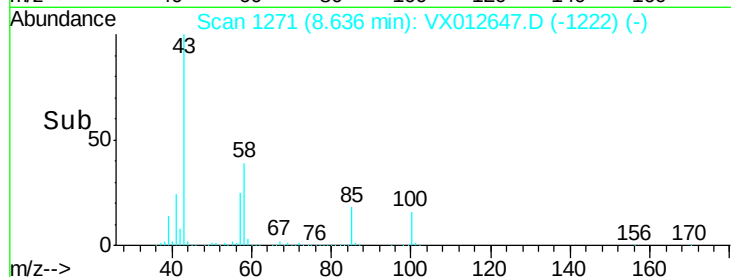
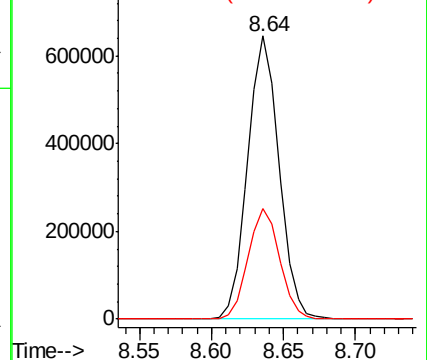
43 100

58 39.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.039 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012647.D

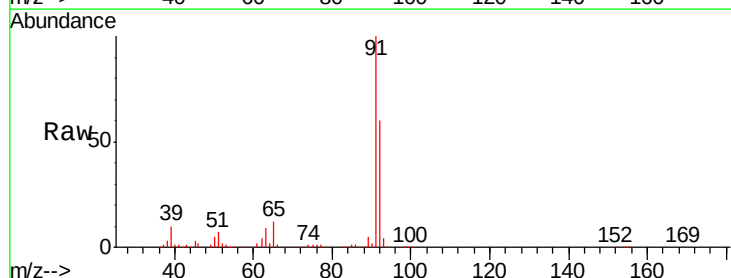
Acq: 24 Sep 2019 20:48

Tgt Ion: 92 Resp: 294358

Ion Ratio Lower Upper

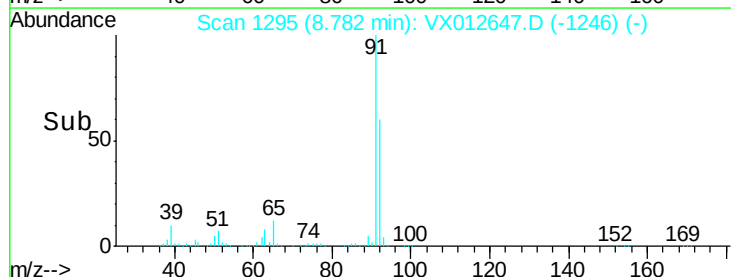
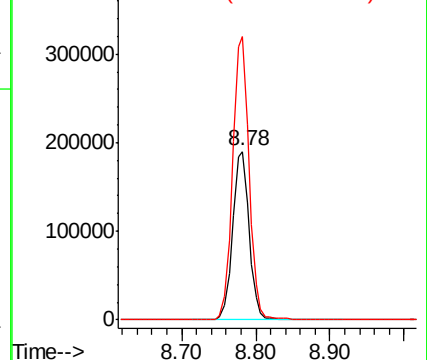
92 100

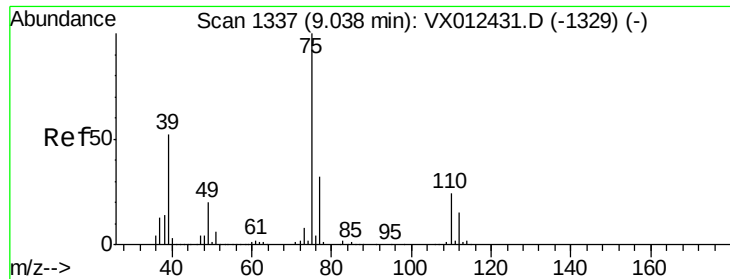
91 167.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.902 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

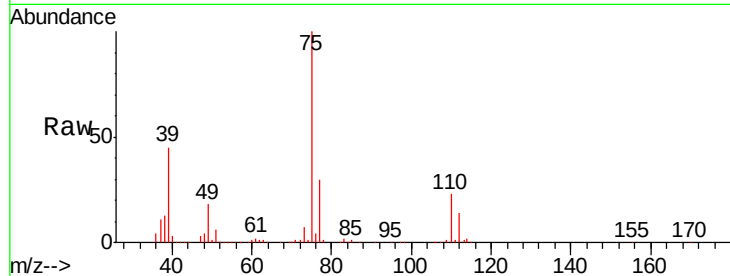
VSTDCCC050EC

Tgt Ion: 75 Resp: 183582

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

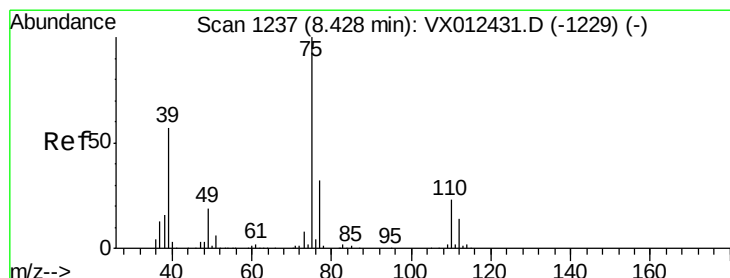
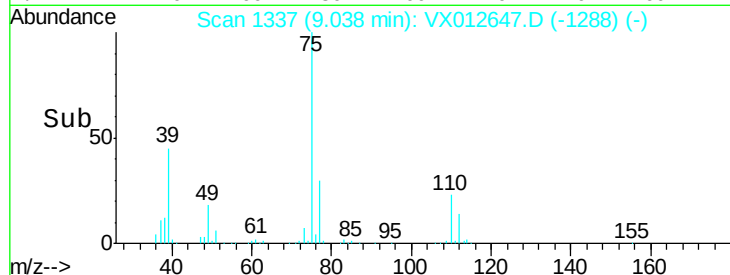
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.218 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

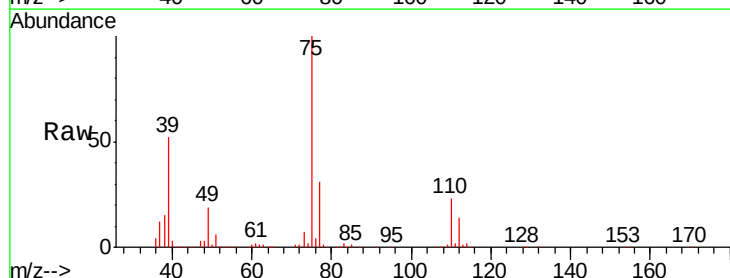
Tgt Ion: 75 Resp: 193937

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

39 52.0 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

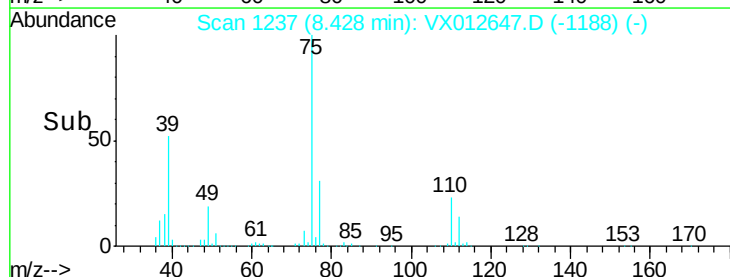
150000

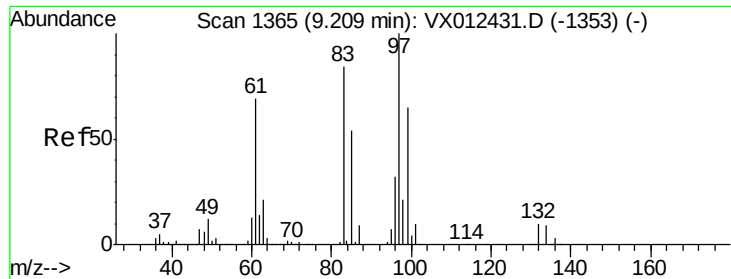
100000

50000

0

Time-->



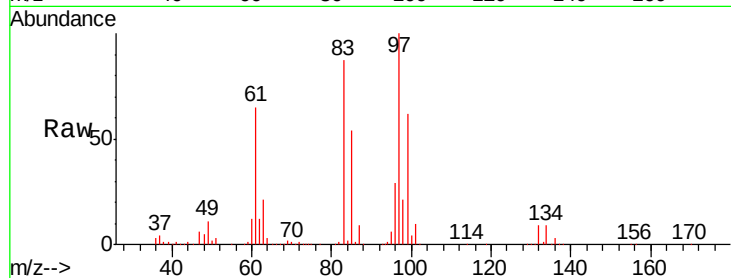


#55
 1,1,2-Trichloroethane
 Concen: 51.649 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 118426

Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.4	101.2
85	54.0	43.5	65.3
99	62.2	51.8	77.8

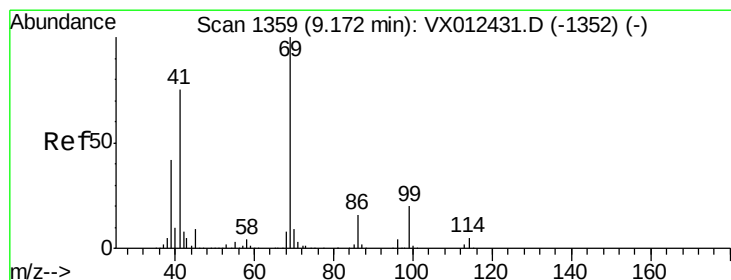
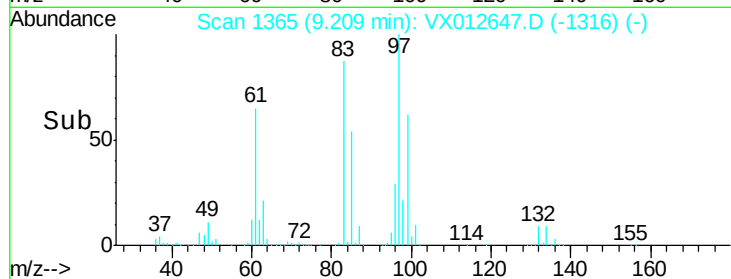
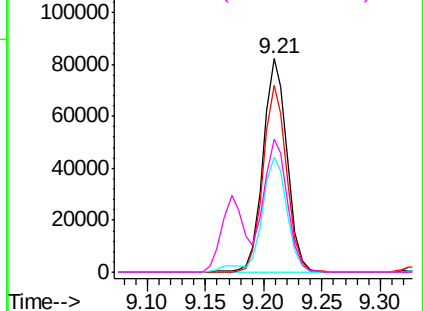


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

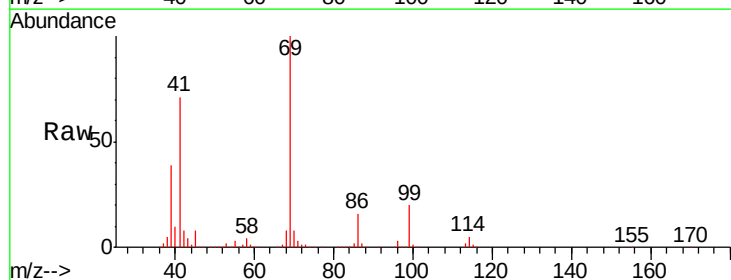
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.925 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 69 Resp: 203872

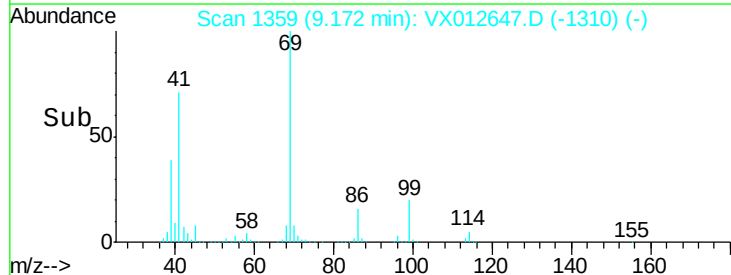
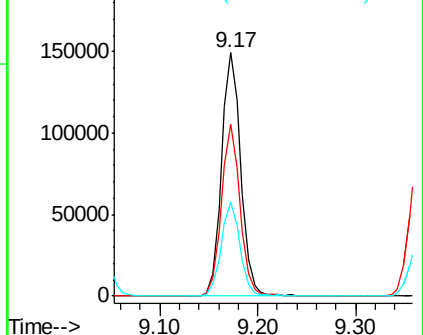
Ion	Ratio	Lower	Upper
69	100		
41	68.1	58.4	87.6
39	37.5	33.4	50.0

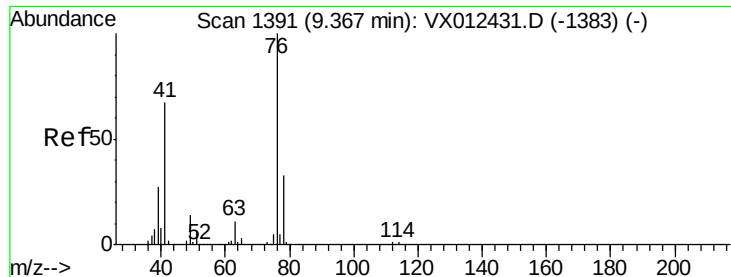


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

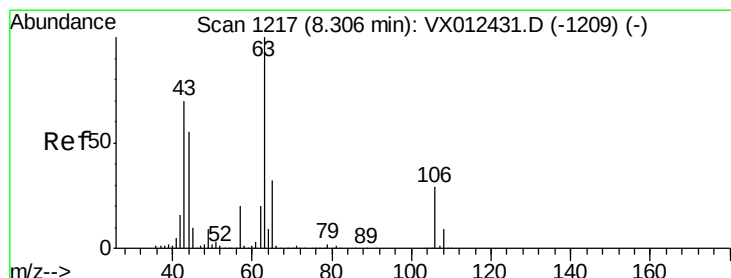
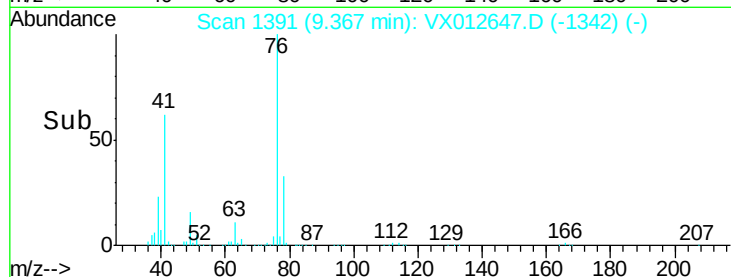
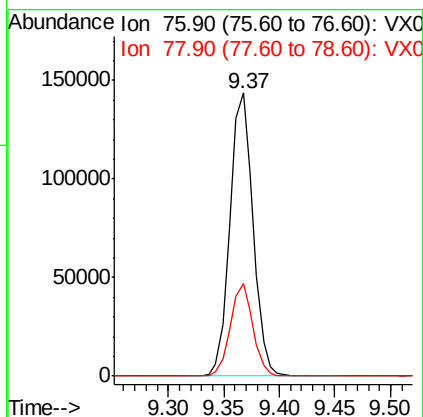
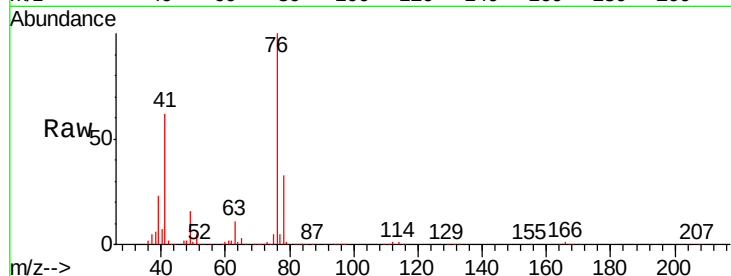




#57
 1,3-Dichloropropane
 Concen: 51.362 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

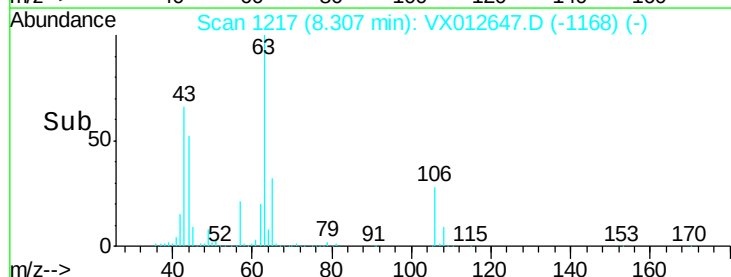
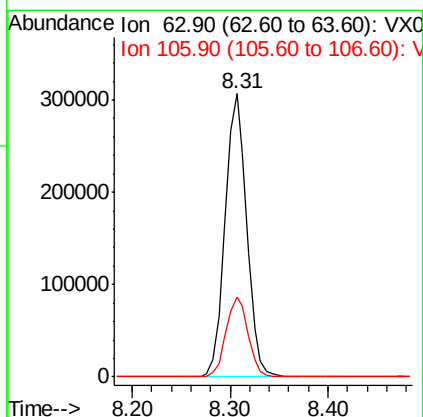
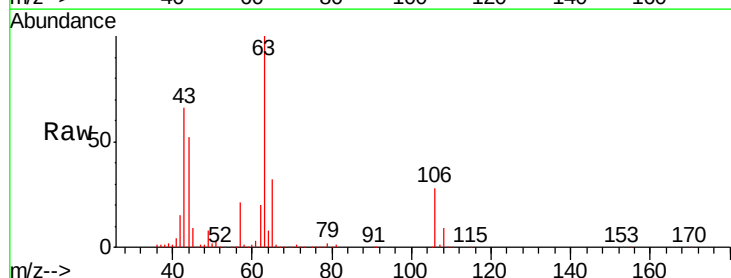
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

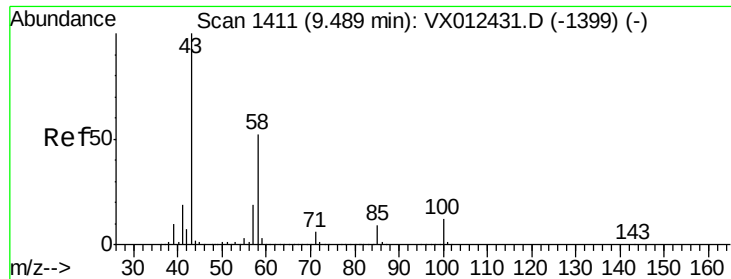
Tgt Ion: 76 Resp: 206114
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.176 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 63 Resp: 468893
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.8 35.6

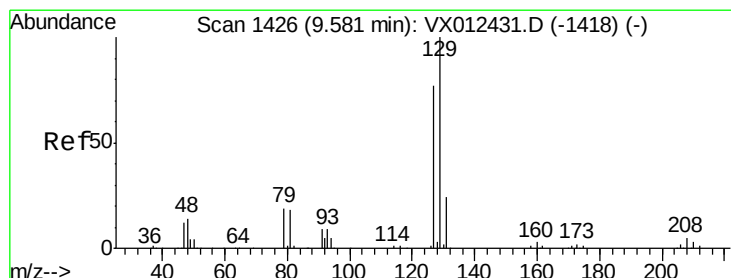
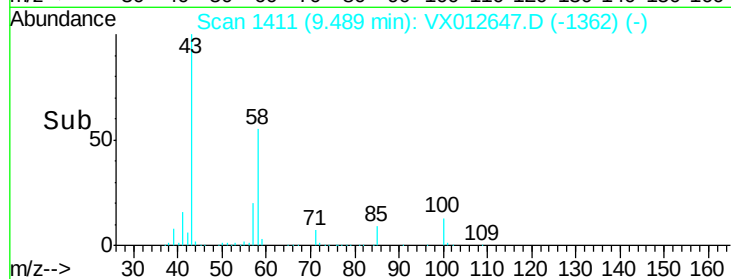
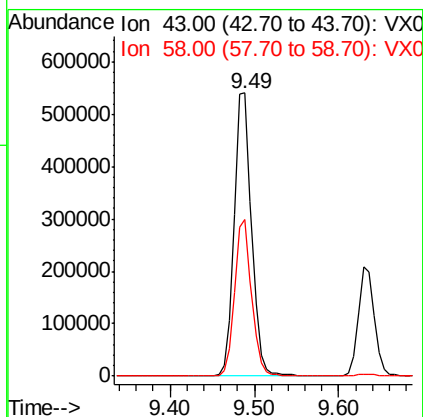
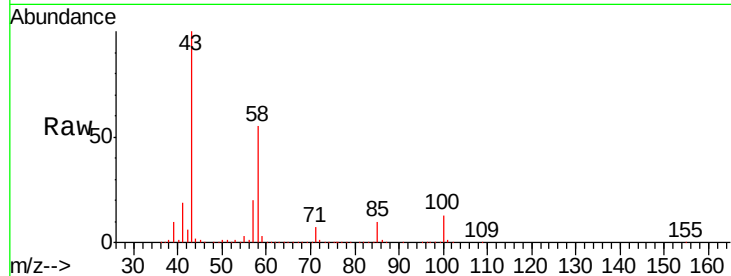




#59
2-Hexanone
Concen: 262.892 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

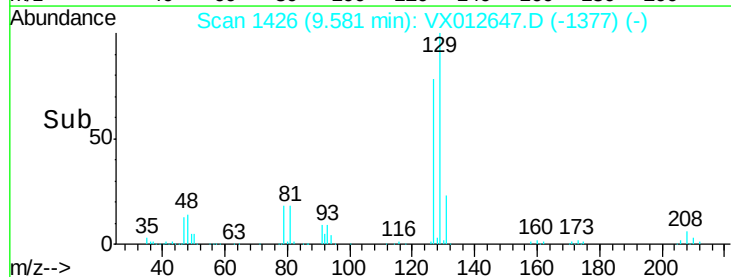
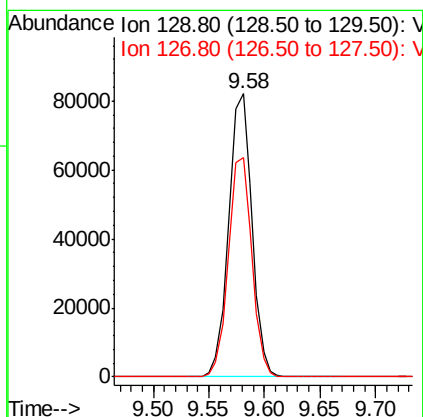
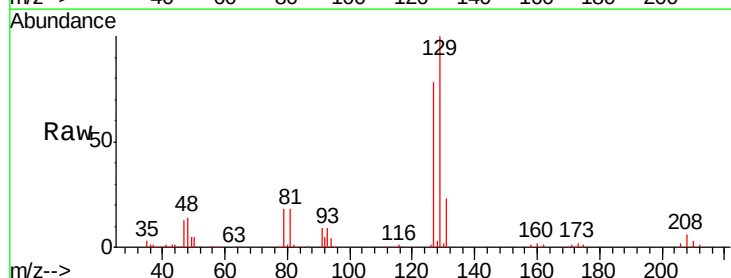
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

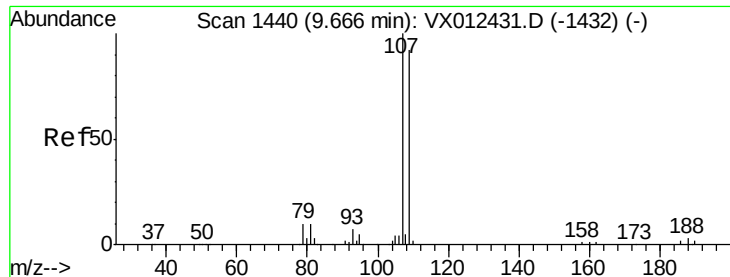
Tgt Ion: 43 Resp: 757392
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1



#60
Dibromochloromethane
Concen: 51.162 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion: 129 Resp: 118752
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.464 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

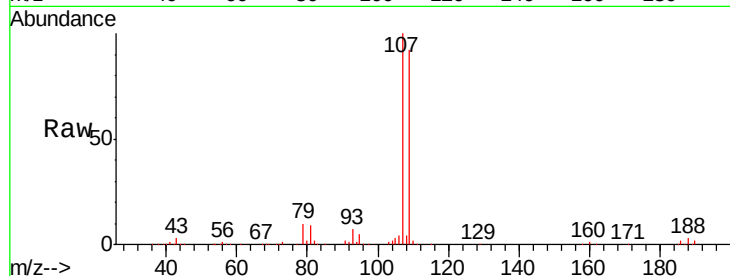
VSTDCCC050EC

Tgt Ion: 107 Resp: 125194

Ion Ratio Lower Upper

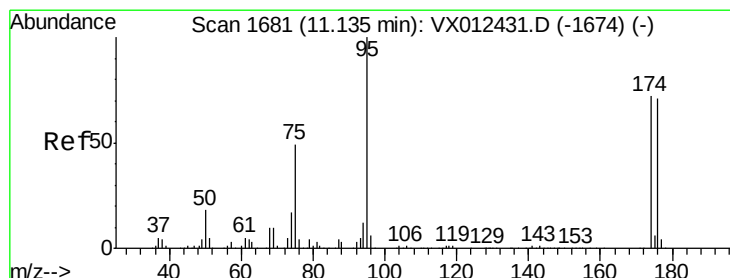
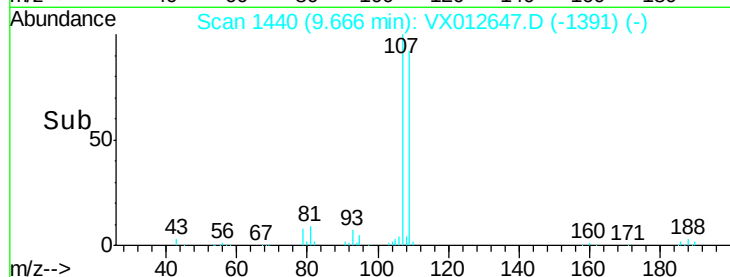
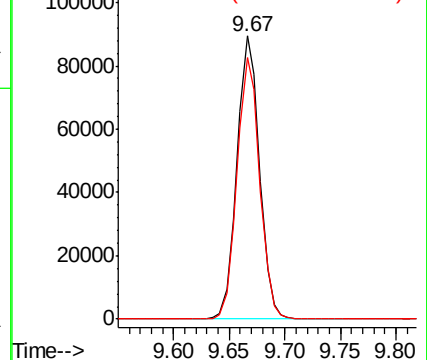
107 100

109 93.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.405 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

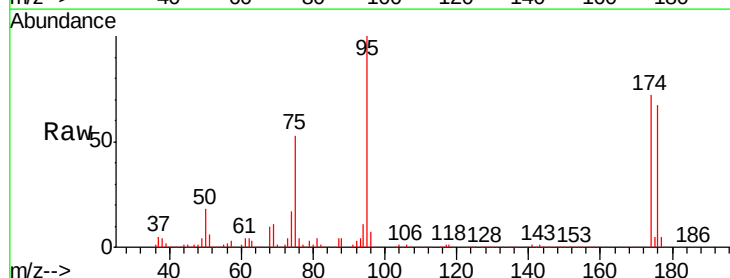
Tgt Ion: 95 Resp: 158746

Ion Ratio Lower Upper

95 100

174 68.2 0.0 140.0

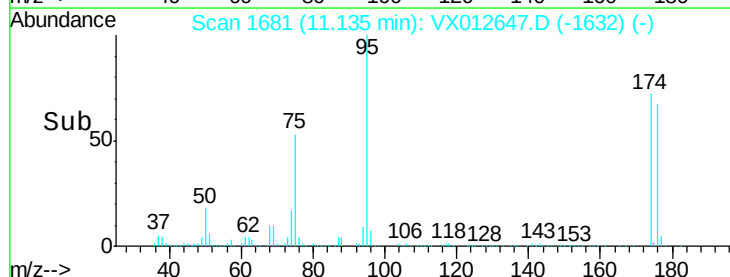
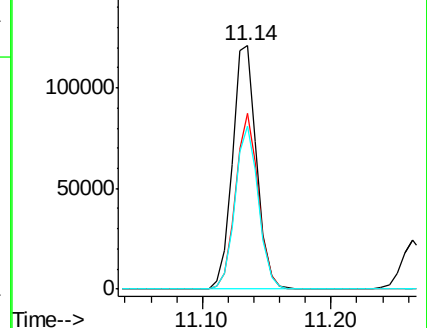
176 64.8 0.0 135.4

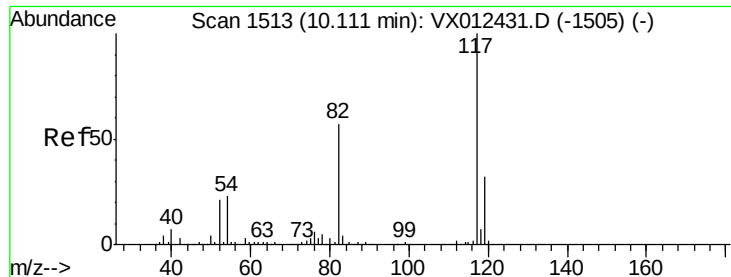


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

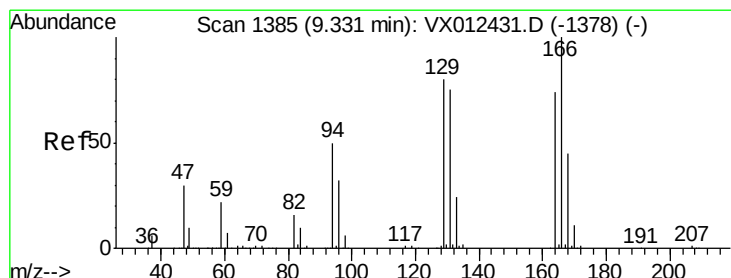
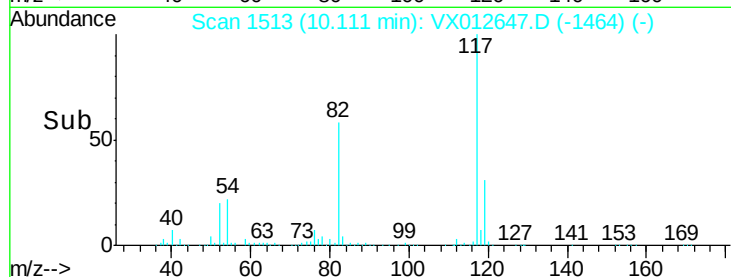
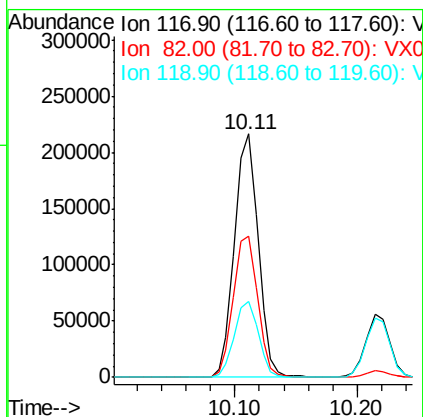
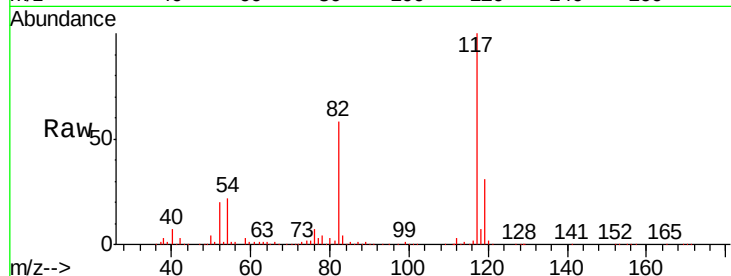




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

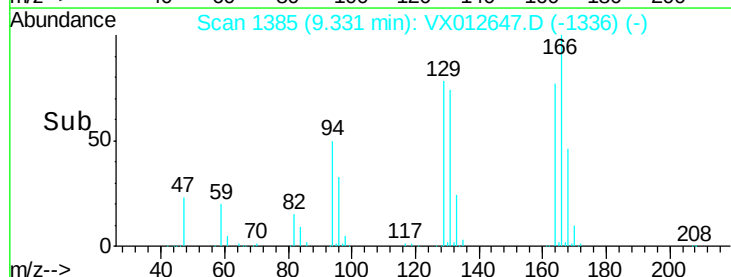
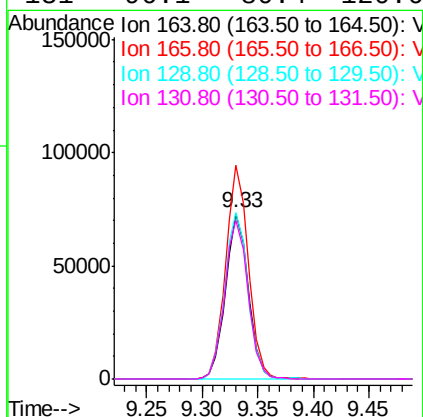
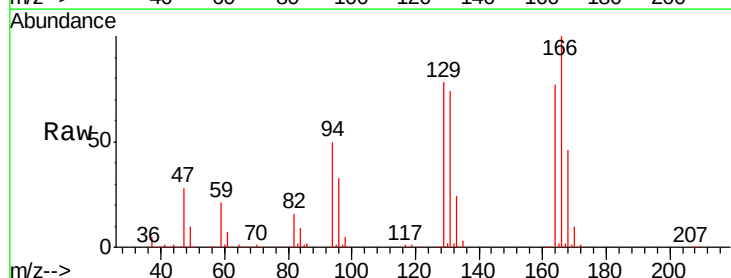
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

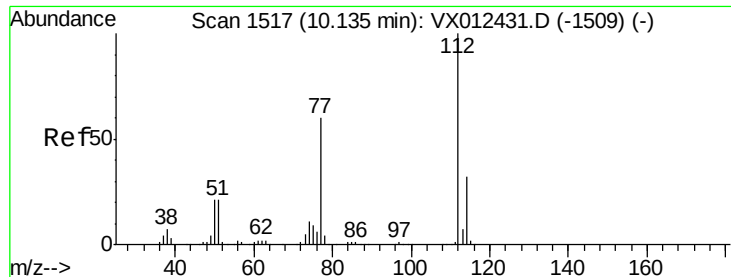
Tgt Ion:117 Resp: 291336
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 51.078 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion:164 Resp: 103753
Ion Ratio Lower Upper
164 100
166 129.2 107.8 161.6
129 100.9 86.2 129.2
131 96.1 80.4 120.6

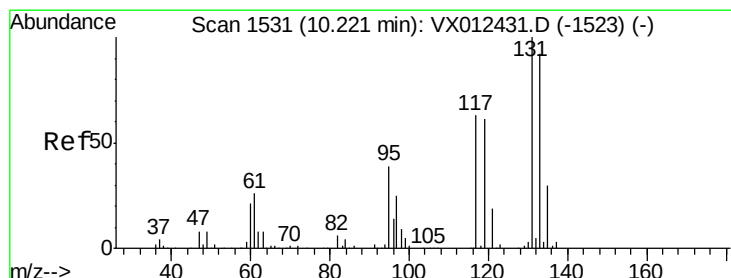
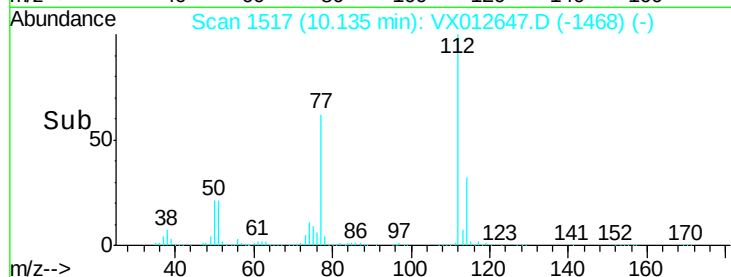
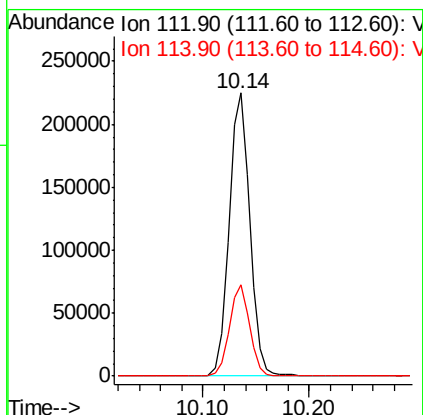
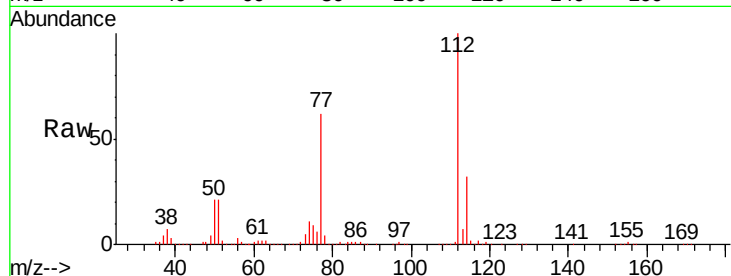




#65
Chlorobenzene
Concen: 50.019 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

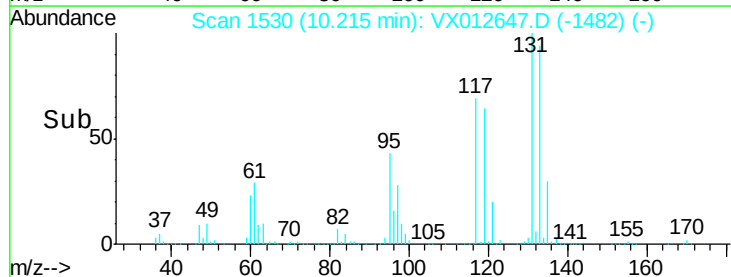
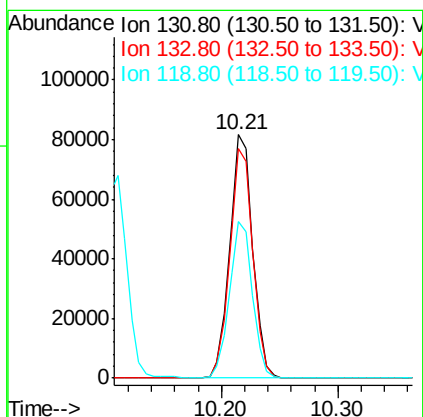
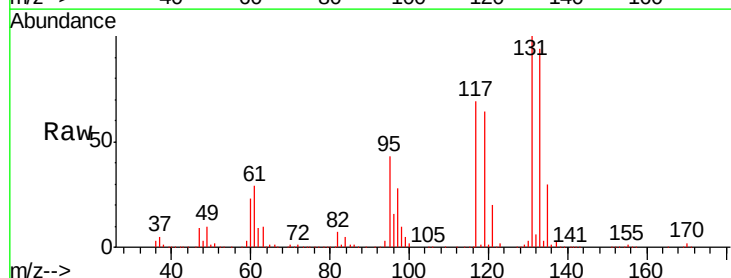
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

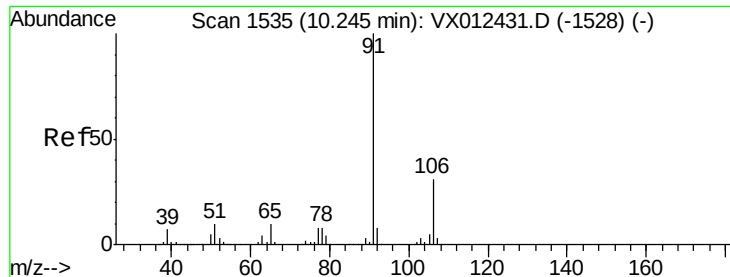
Tgt Ion:112 Resp: 306864
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.485 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion:131 Resp: 112219
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.4 31.3 93.8

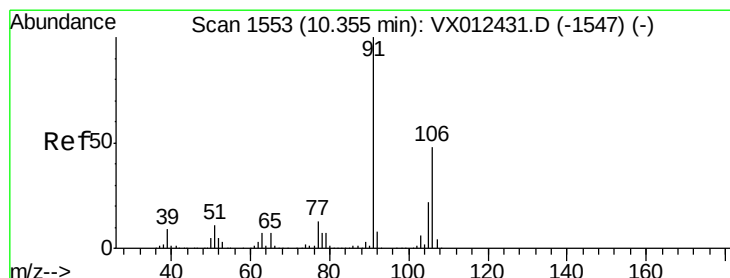
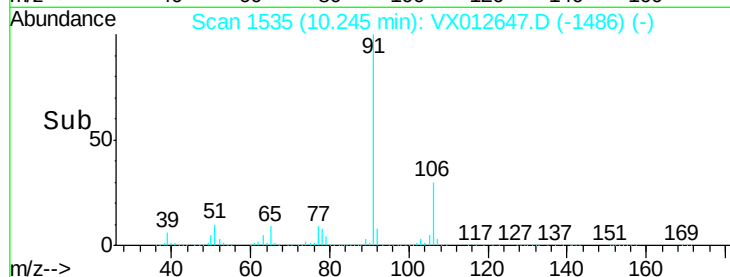
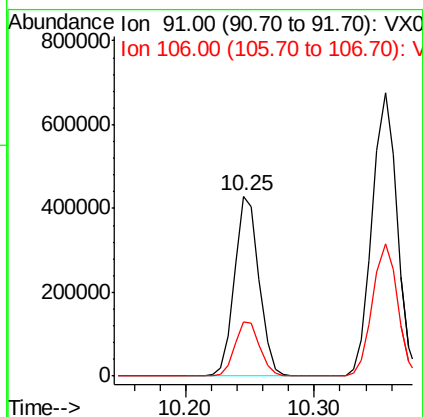
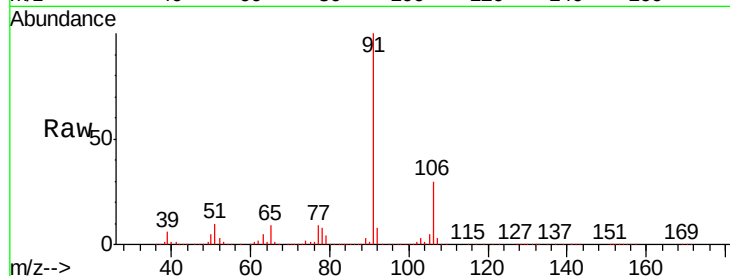




#67
 Ethyl Benzene
 Concen: 51.483 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

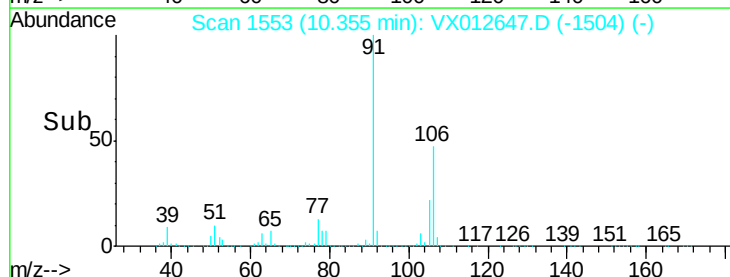
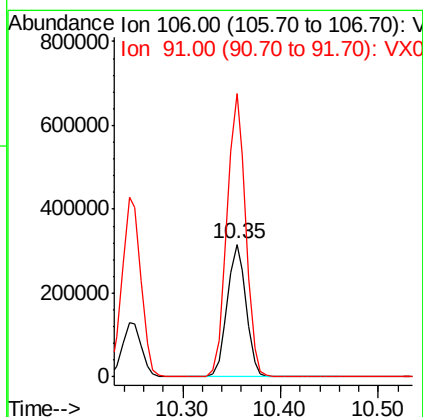
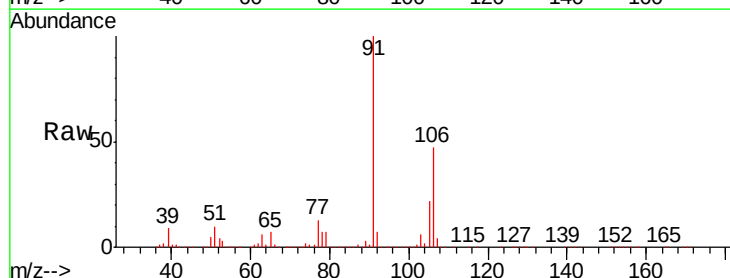
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

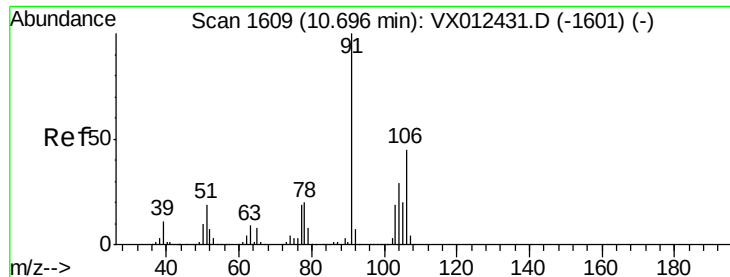
Tgt Ion: 91 Resp: 572864
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.6 37.0



#68
 m/p-Xylenes
 Concen: 101.645 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 106 Resp: 423683
 Ion Ratio Lower Upper
 106 100
 91 211.8 166.6 250.0

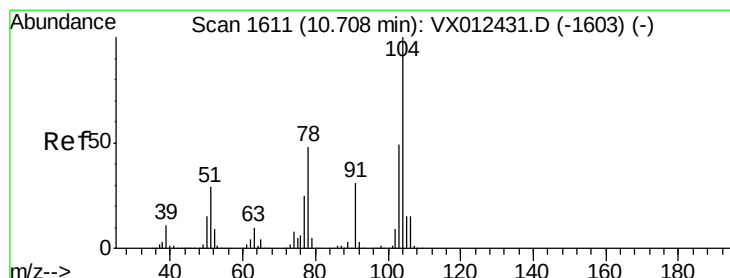
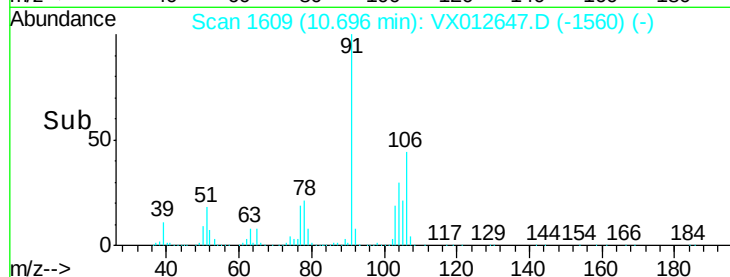
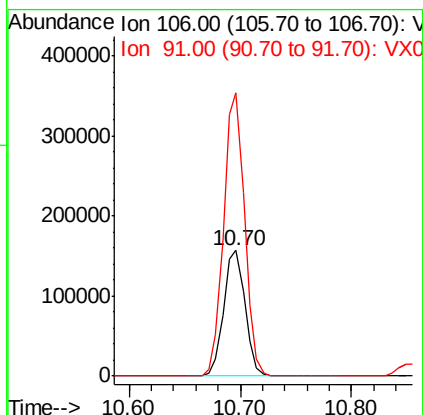
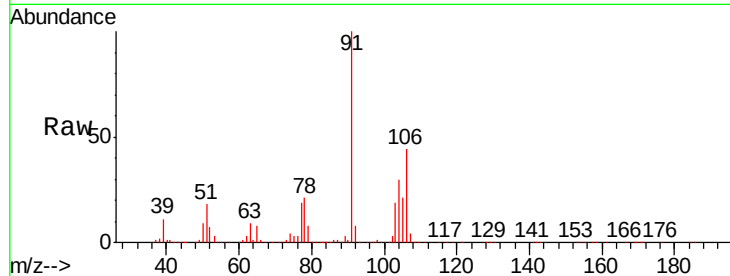




#69
o-Xylene
Concen: 51.610 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

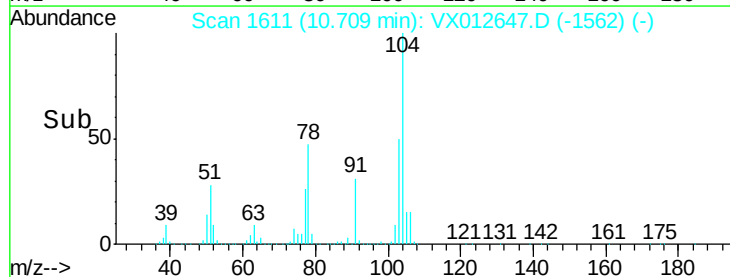
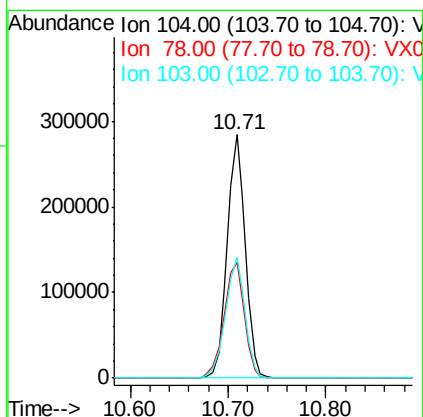
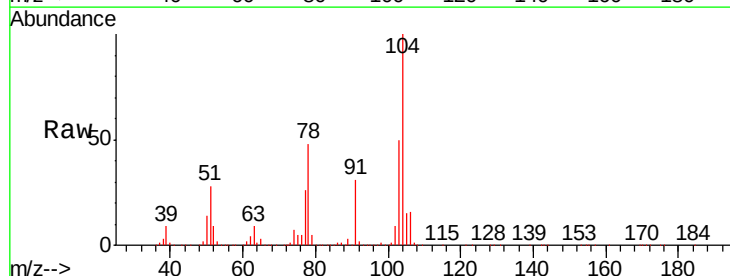
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

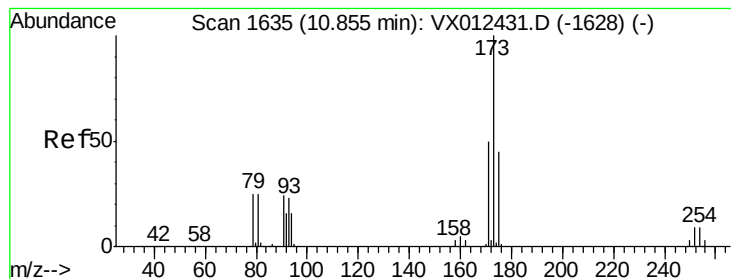
Tgt Ion:106 Resp: 208159
Ion Ratio Lower Upper
106 100
91 220.9 109.4 328.2



#70
Styrene
Concen: 53.960 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion:104 Resp: 364847
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 51.541 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

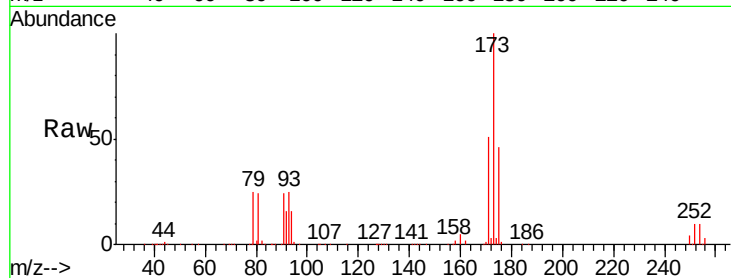
Tgt Ion:173 Resp: 79773

Ion Ratio Lower Upper

173 100

175 47.3 23.7 71.1

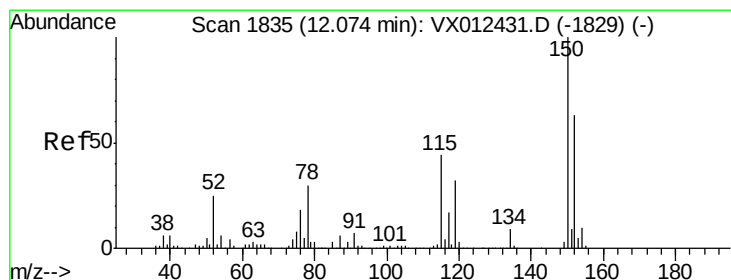
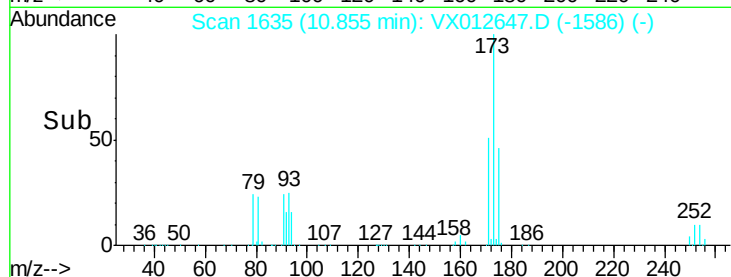
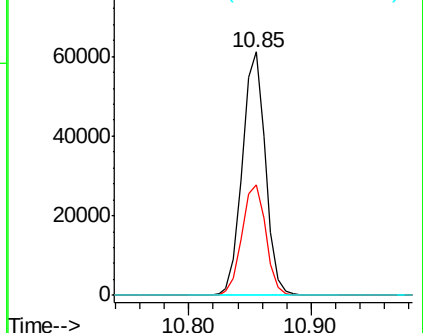
254 0.1 0.1 0.1



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

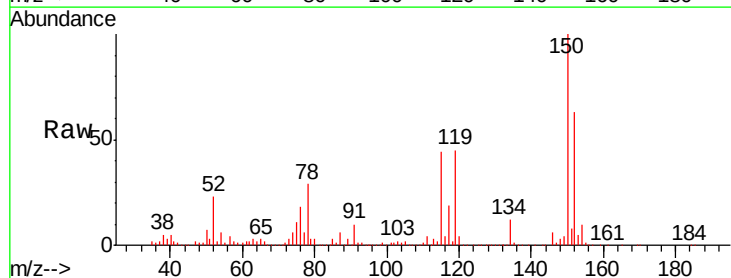
Tgt Ion:152 Resp: 138875

Ion Ratio Lower Upper

152 100

115 90.0 44.1 132.3

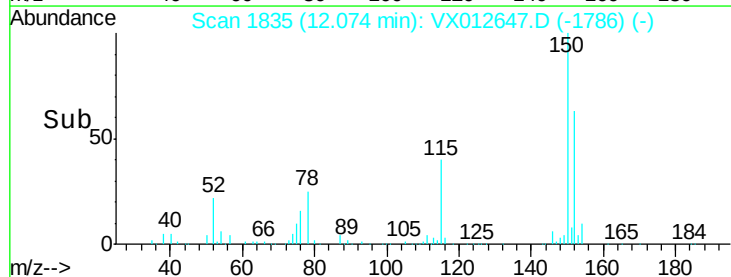
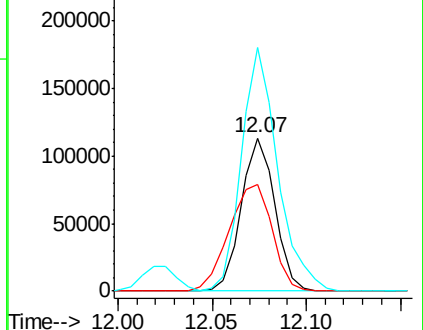
150 173.1 0.0 343.8

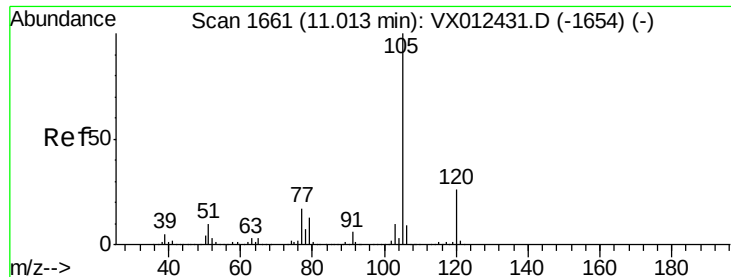


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.042 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

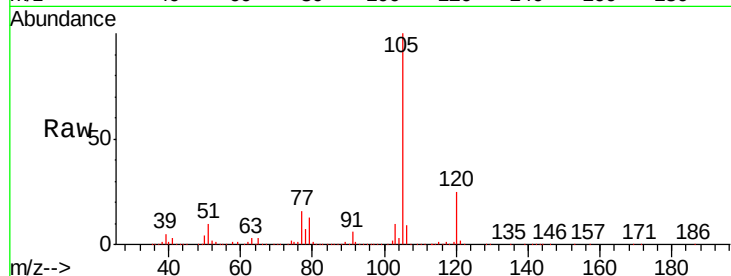
VSTDCCC050EC

Tgt Ion:105 Resp: 554704

Ion Ratio Lower Upper

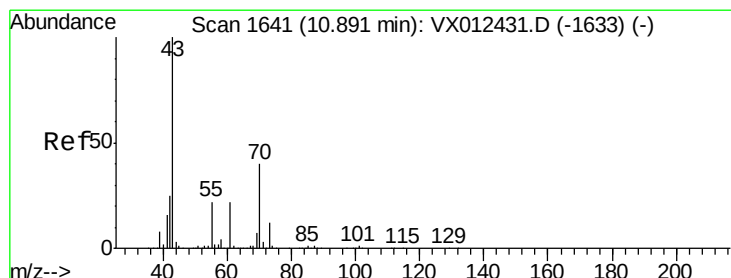
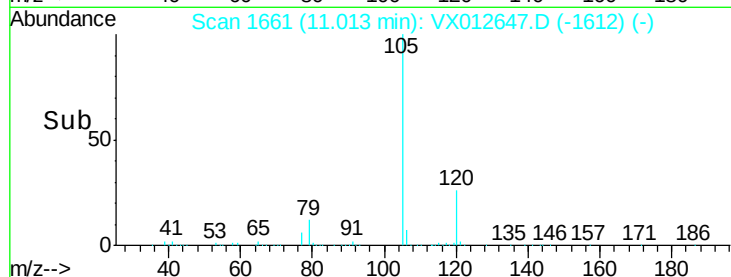
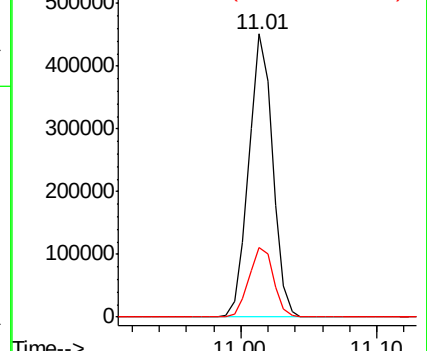
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.391 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Tgt Ion: 43 Resp: 277309

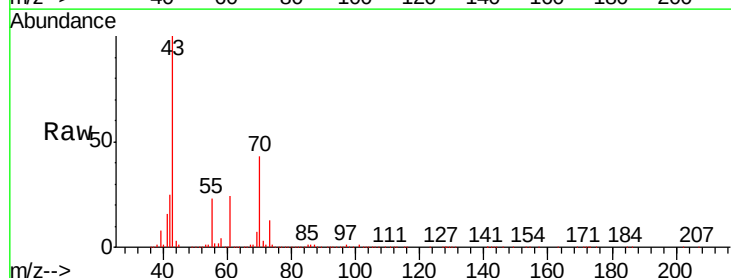
Ion Ratio Lower Upper

43 100

70 42.9 32.4 48.6

55 23.8 18.2 27.4

61 24.7 18.5 27.7

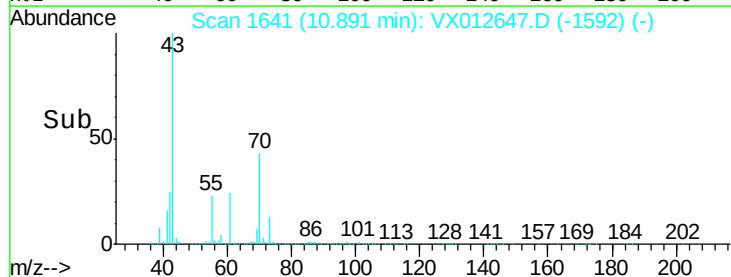
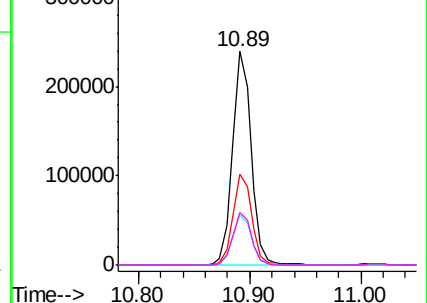


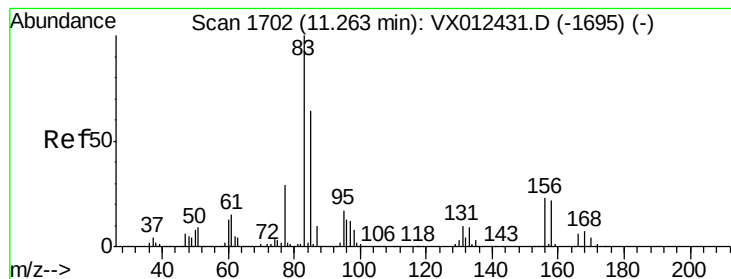
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.391 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

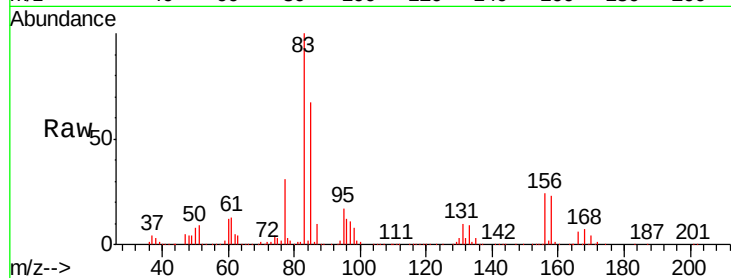
Tgt Ion: 83 Resp: 185019

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

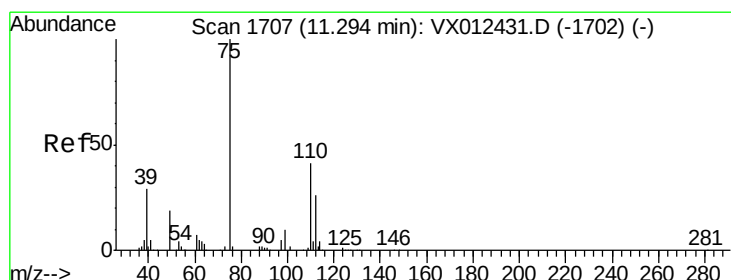
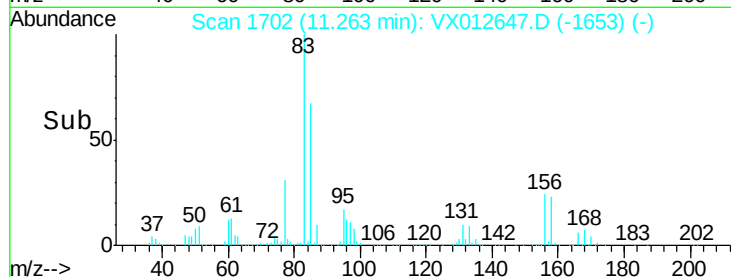
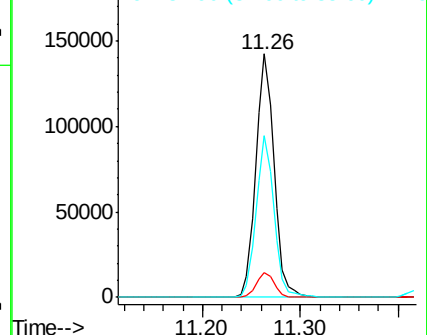
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.054 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012647.D

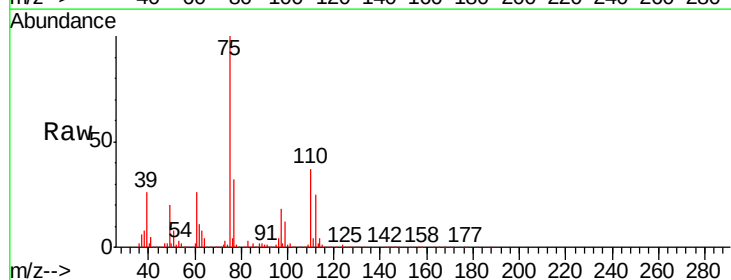
Acq: 24 Sep 2019 20:48

Tgt Ion: 75 Resp: 224287

Ion Ratio Lower Upper

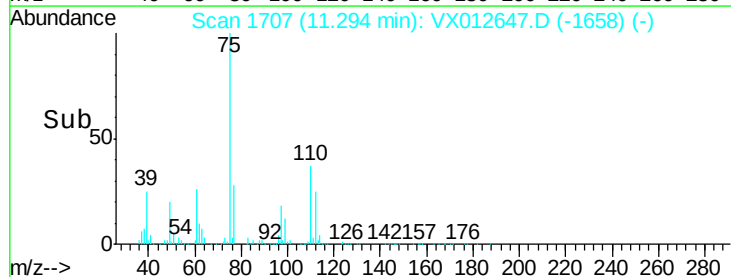
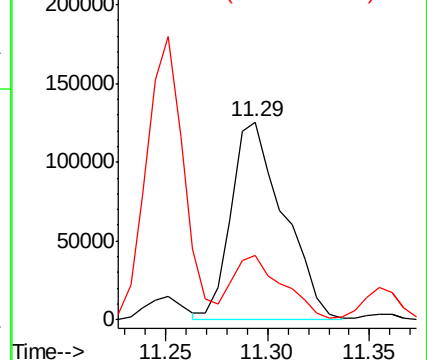
75 100

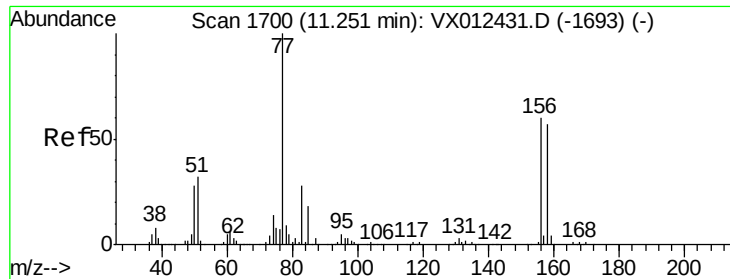
77 31.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.331 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

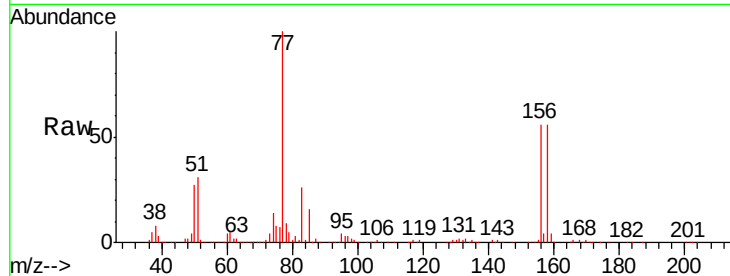
Tgt Ion:156 Resp: 126285

Ion Ratio Lower Upper

156 100

77 179.5 87.3 261.8

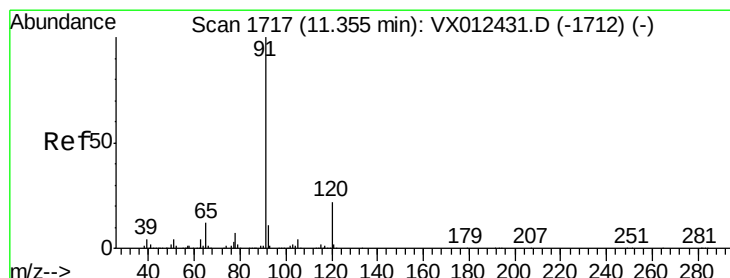
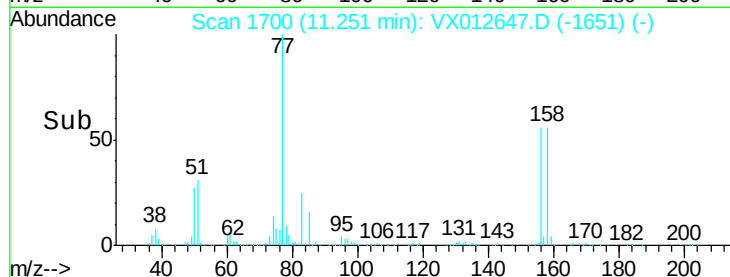
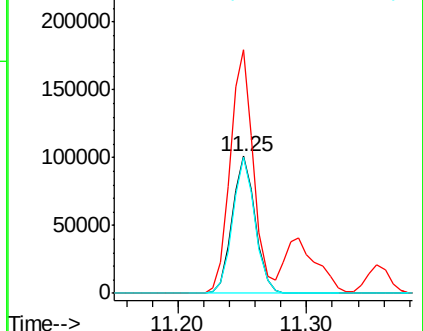
158 96.5 48.5 145.6



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: 49.890 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012647.D

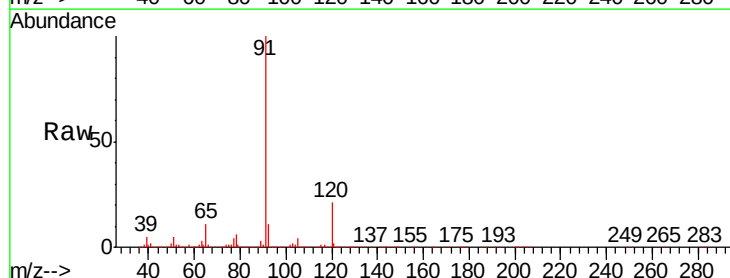
Acq: 24 Sep 2019 20:48

Tgt Ion: 91 Resp: 635305

Ion Ratio Lower Upper

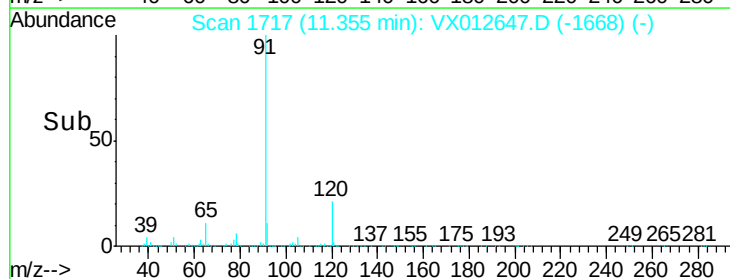
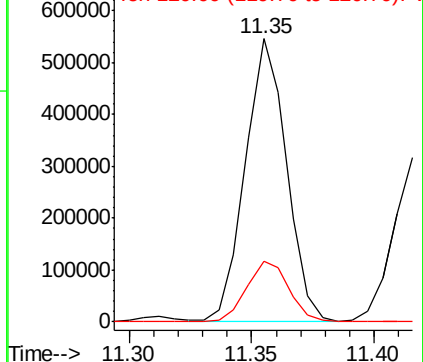
91 100

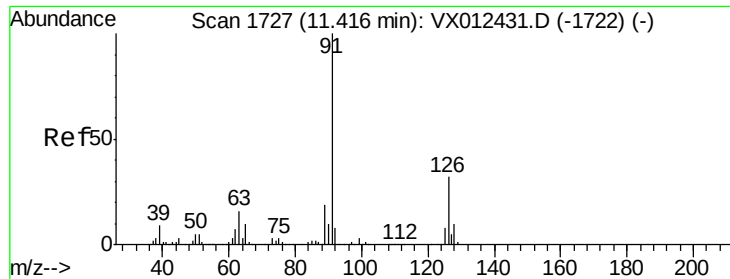
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.310 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

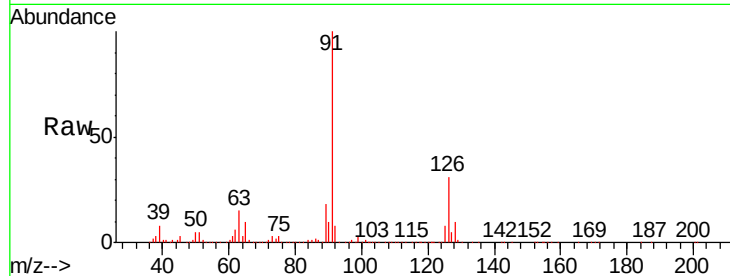
VSTDCCC050EC

Tgt Ion: 91 Resp: 383761

Ion Ratio Lower Upper

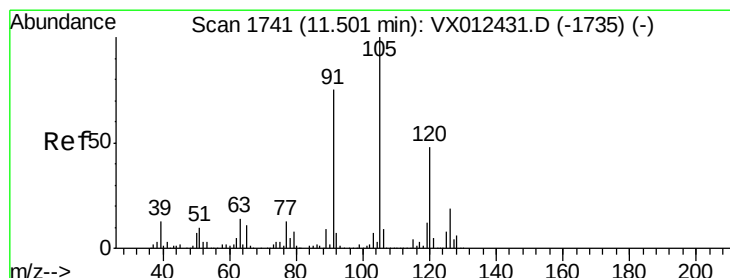
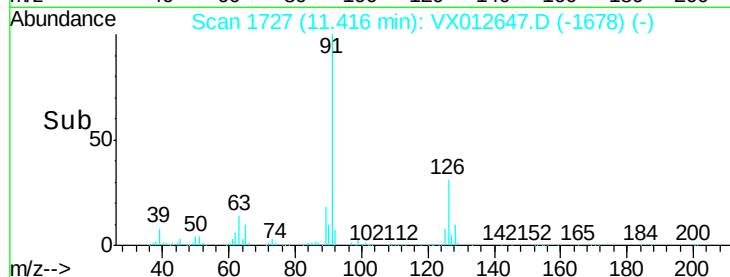
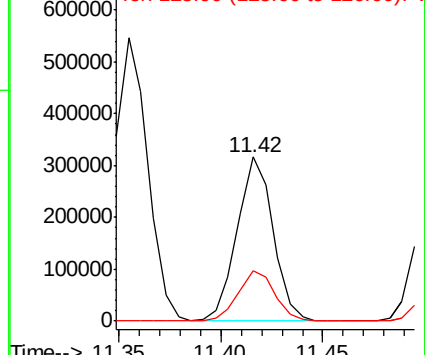
91 100

126 31.5 16.4 49.4



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: 50.430 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012647.D

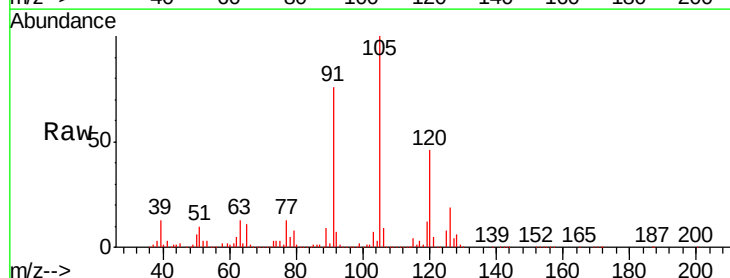
Acq: 24 Sep 2019 20:48

Tgt Ion: 105 Resp: 478333

Ion Ratio Lower Upper

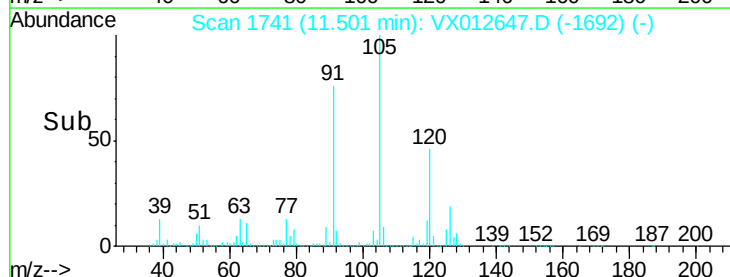
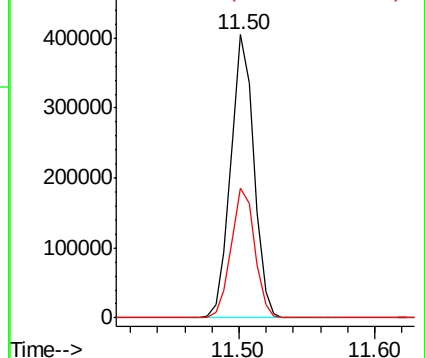
105 100

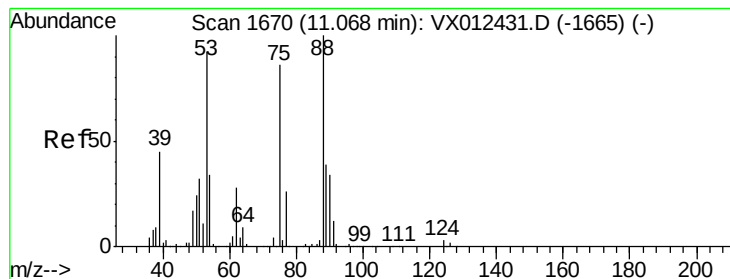
120 46.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.070 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

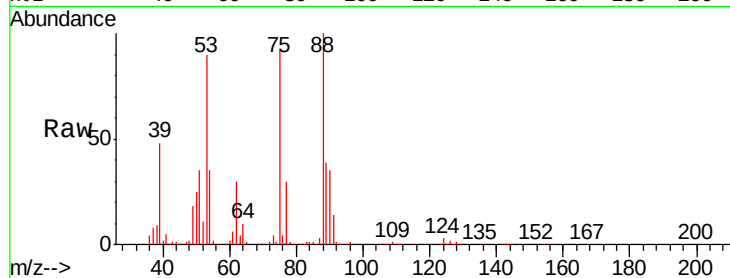
Tgt Ion: 75 Resp: 61620

Ion Ratio Lower Upper

75 100

53 98.7 83.6 125.4

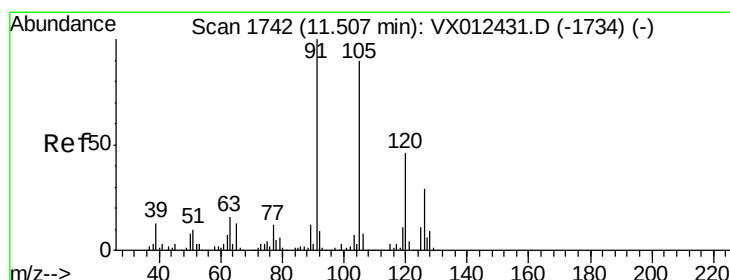
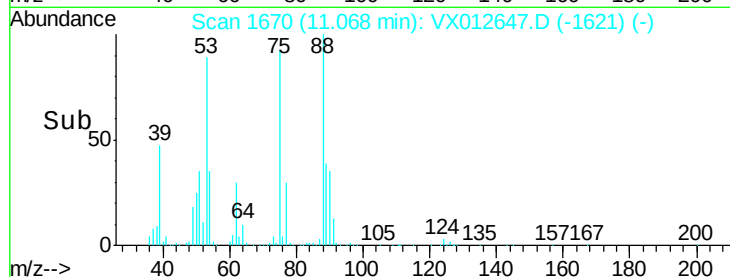
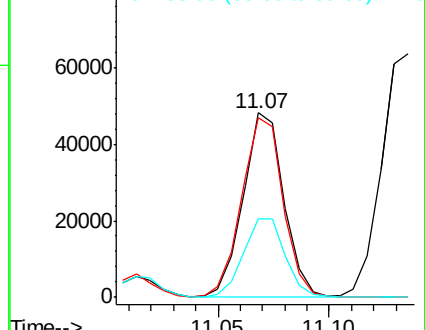
89 43.9 36.3 54.5



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: 49.491 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012647.D

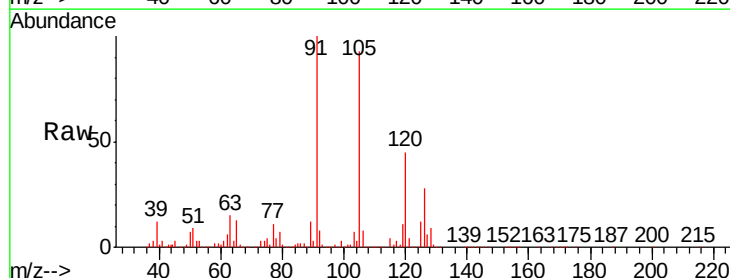
Acq: 24 Sep 2019 20:48

Tgt Ion: 91 Resp: 448170

Ion Ratio Lower Upper

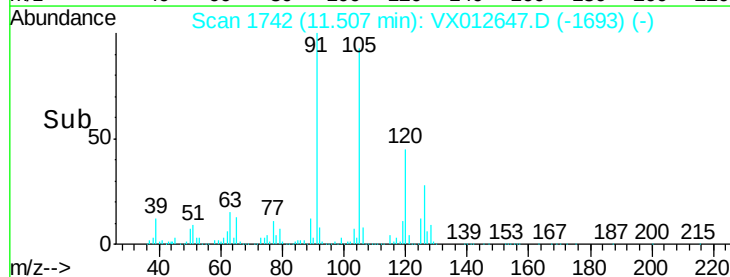
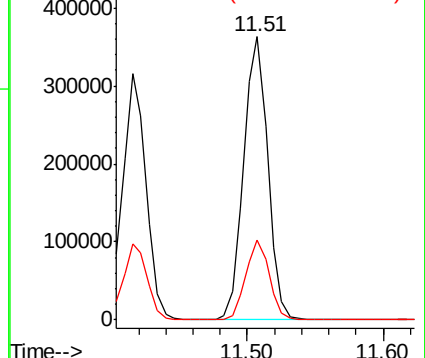
91 100

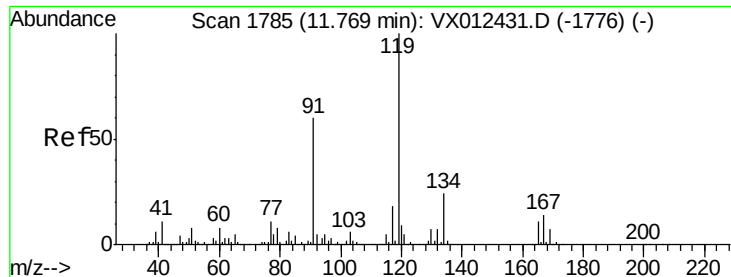
126 27.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

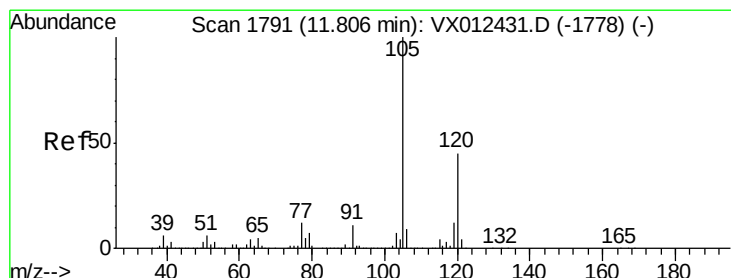
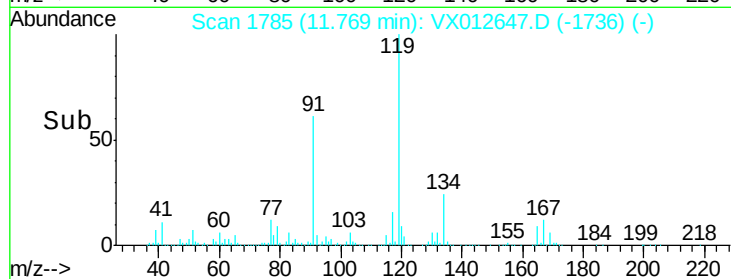
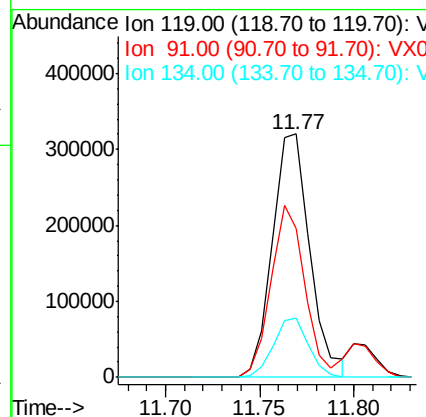
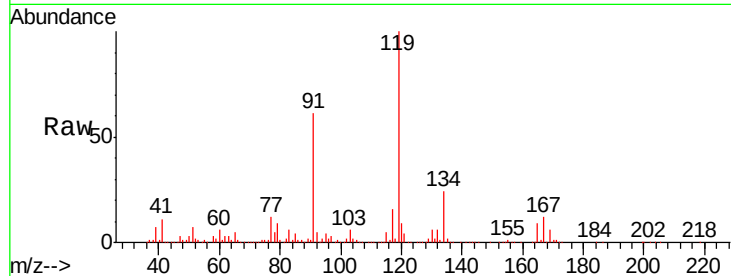




#83
 tert-Butylbenzene
 Concen: 48.571 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

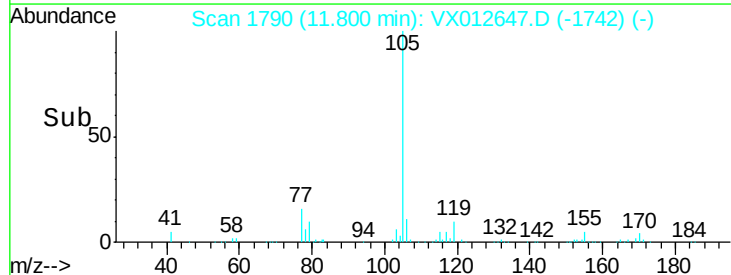
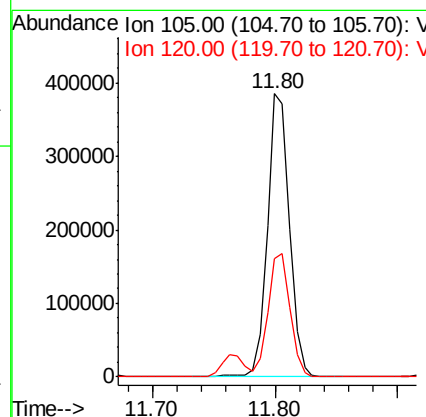
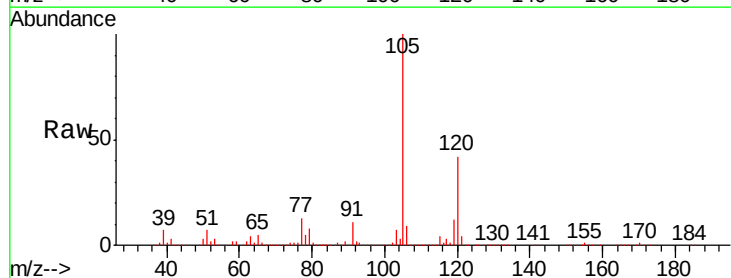
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

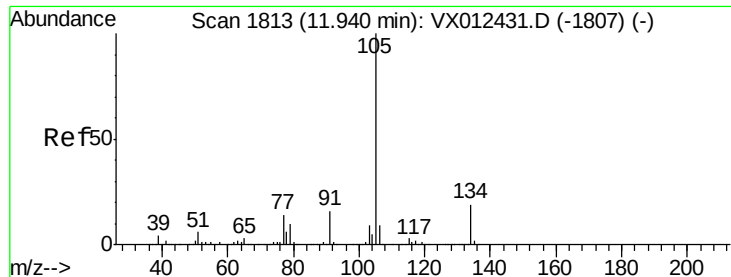
Tgt Ion:119 Resp: 444413
 Ion Ratio Lower Upper
 119 100
 91 63.2 30.0 90.0
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.441 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion:105 Resp: 482638
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.194 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

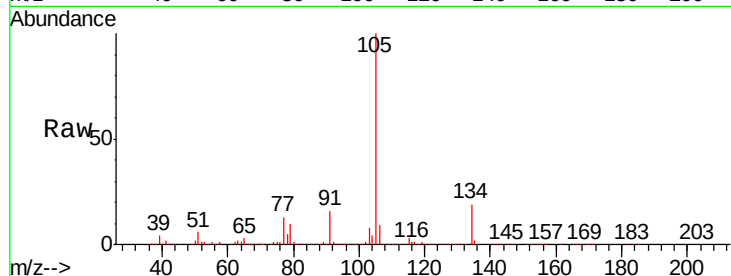
VSTDCCC050EC

Tgt Ion:105 Resp: 534168

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

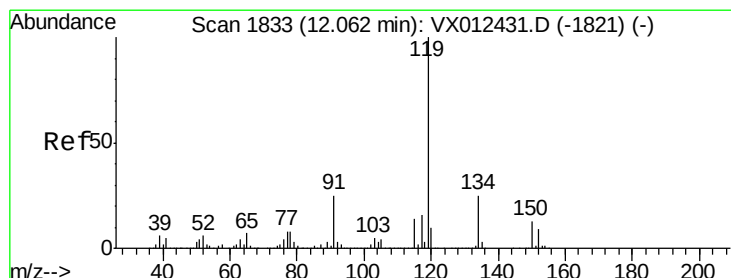
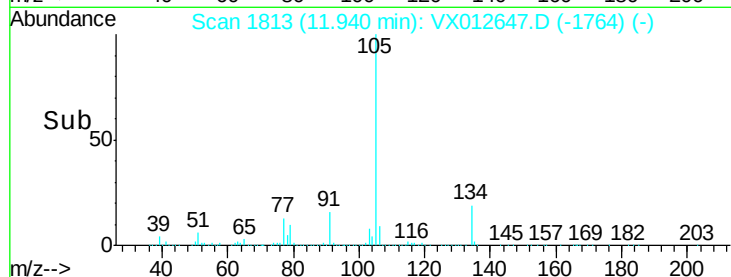
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.693 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

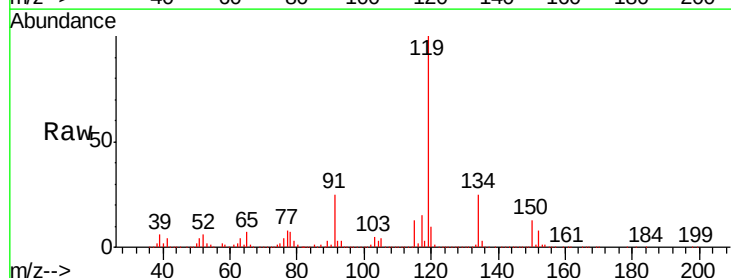
Tgt Ion:119 Resp: 496386

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

91 25.5 12.8 38.4



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): V

12.06

400000

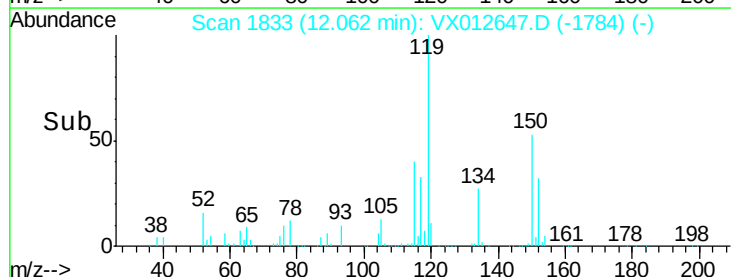
300000

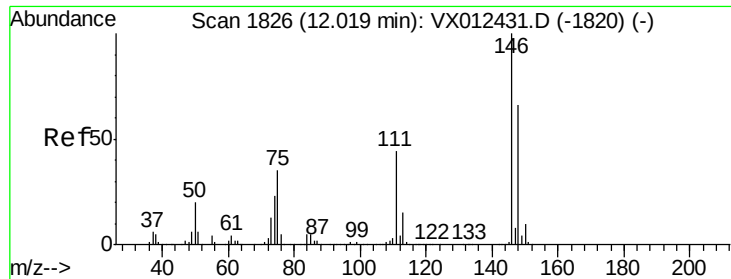
200000

100000

0

Time-->

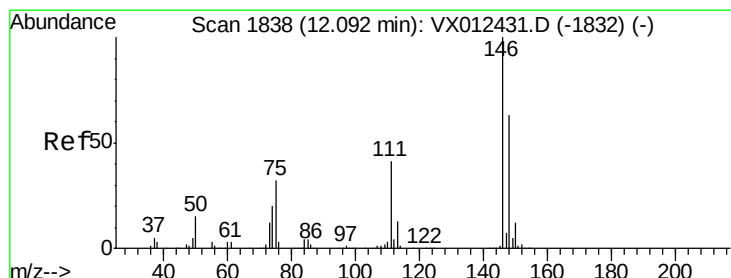
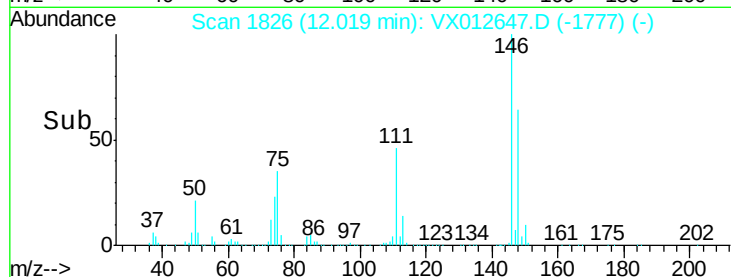
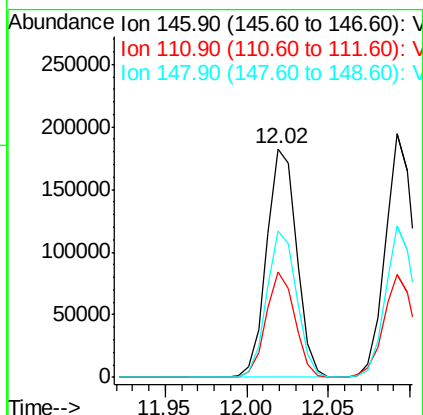
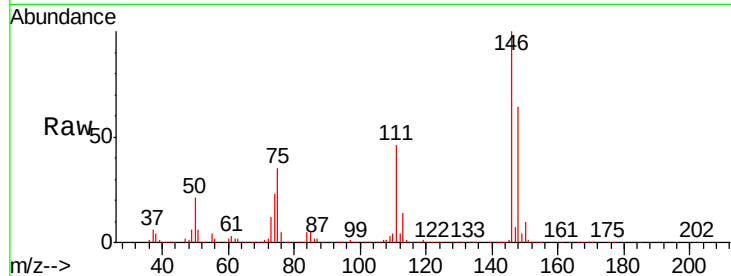




#87
 1,3-Dichlorobenzene
 Concen: 50.539 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

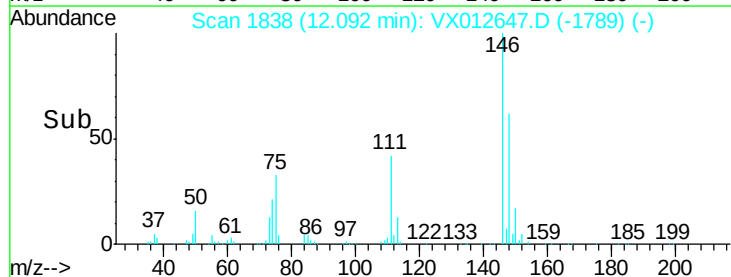
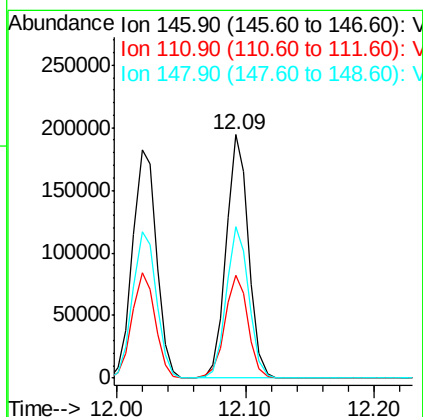
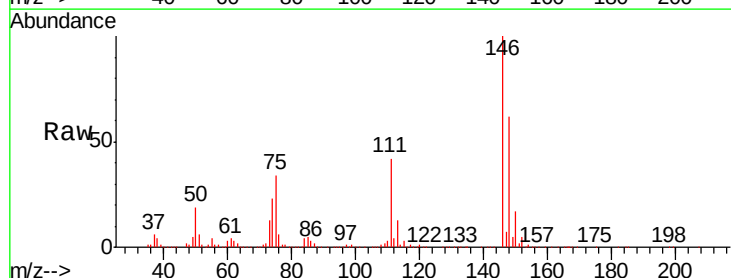
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

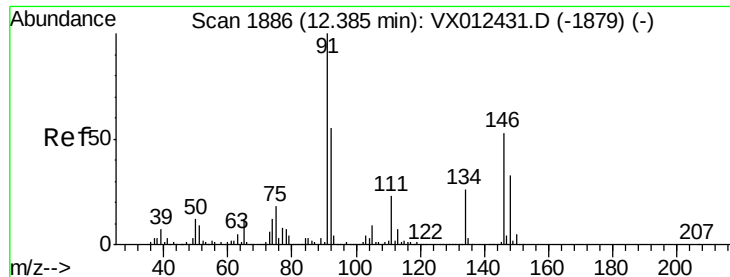
Tgt Ion:146 Resp: 232829
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.3 64.0
 148 63.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.719 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion:146 Resp: 236113
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.3
 148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 51.446 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012647.D

Acq: 24 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

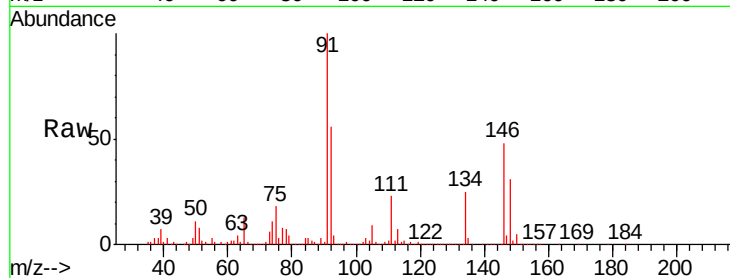
Tgt Ion: 91 Resp: 435316

Ion Ratio Lower Upper

91 100

92 55.8 27.7 83.0

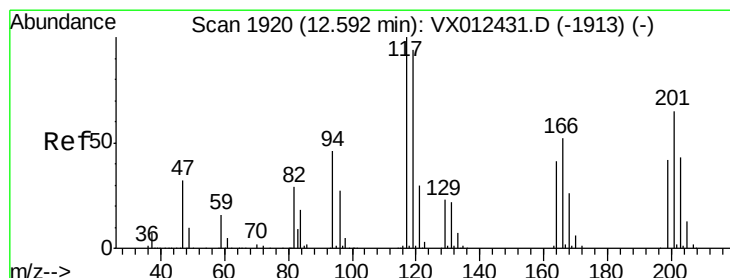
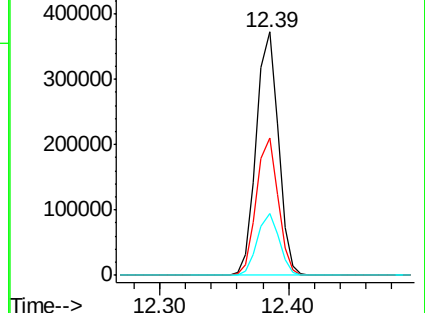
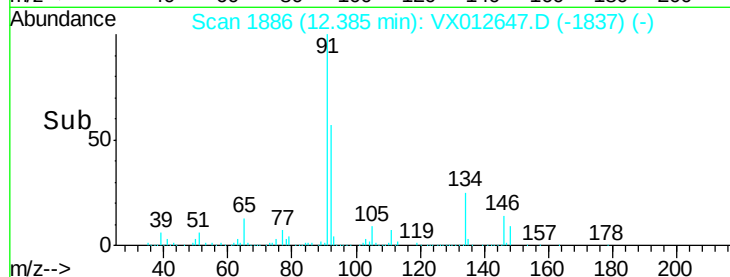
134 25.1 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012647.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012647.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012647.D (-1837) (-)



#90

Hexachloroethane

Concen: 48.449 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012647.D

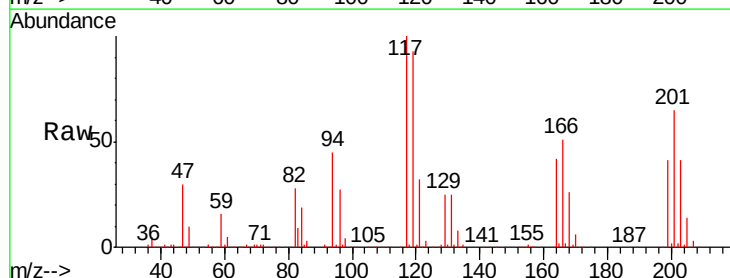
Acq: 24 Sep 2019 20:48

Tgt Ion: 117 Resp: 82942

Ion Ratio Lower Upper

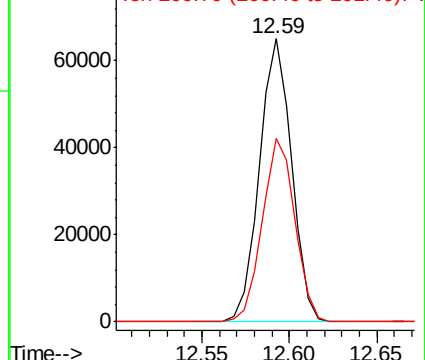
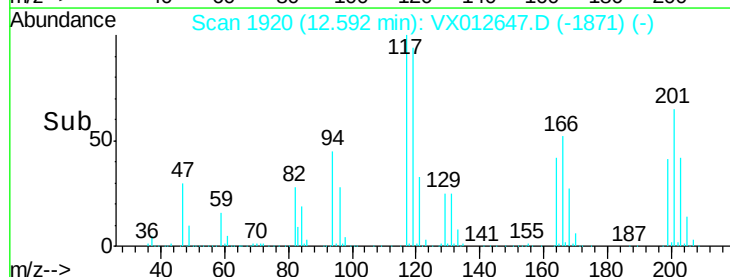
117 100

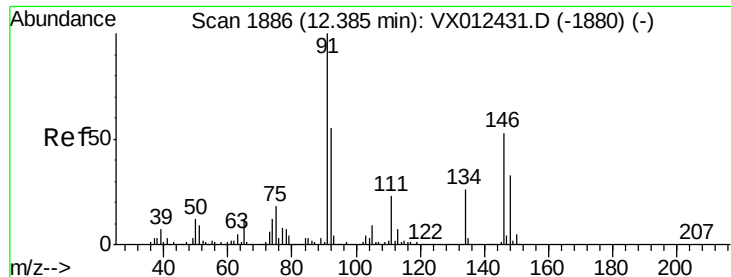
201 66.0 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012647.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012647.D (-1871) (-)

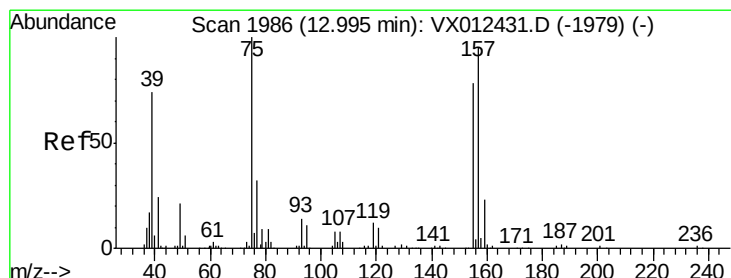
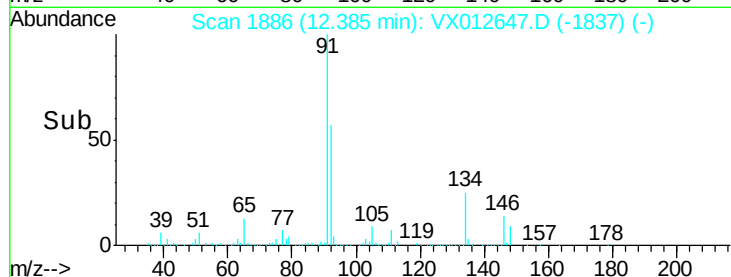
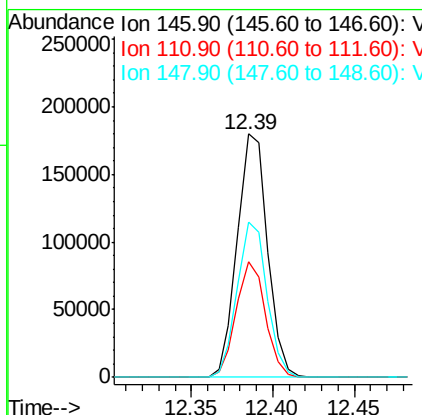
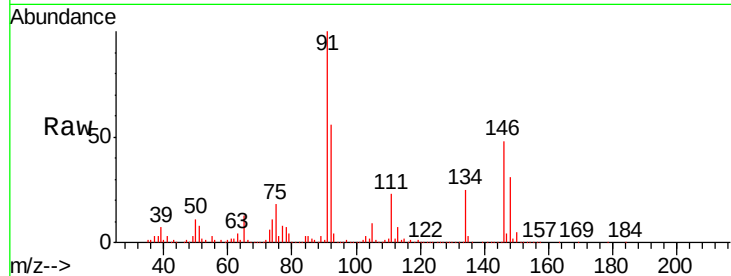




#91
 1,2-Dichlorobenzene
 Concen: 50.794 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

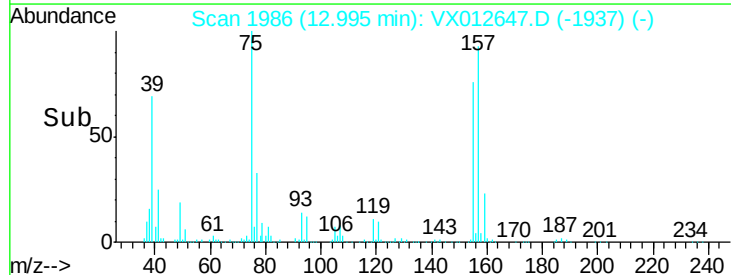
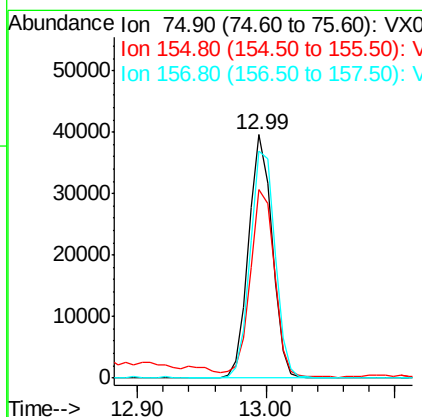
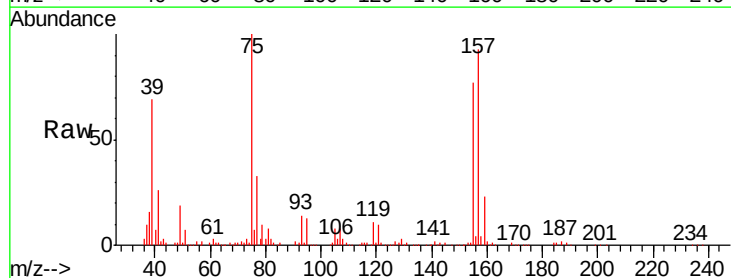
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

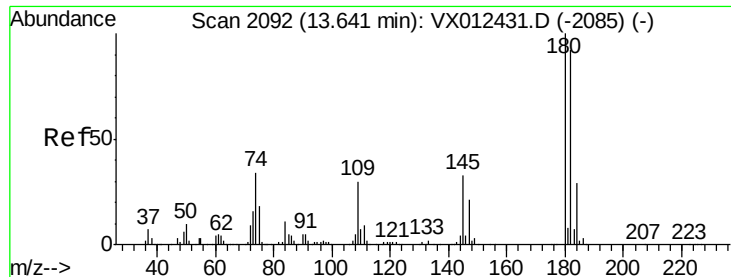
Tgt Ion:146 Resp: 234273
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.1 66.1
 148 62.9 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.773 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion: 75 Resp: 49451
 Ion Ratio Lower Upper
 75 100
 155 79.8 38.6 115.8
 157 98.5 50.6 151.9

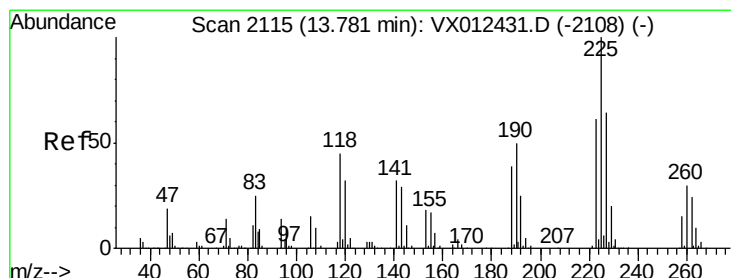
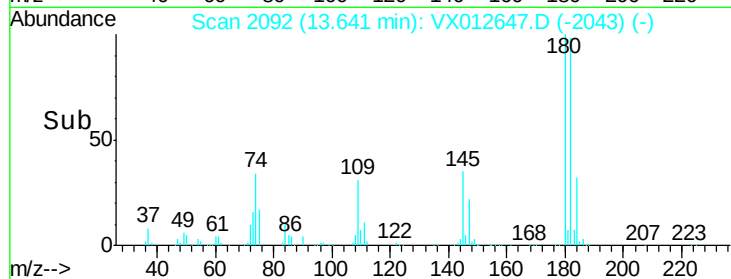
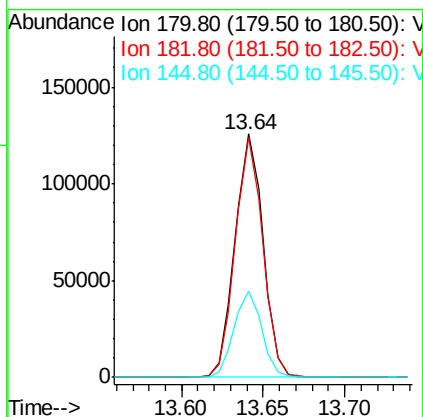
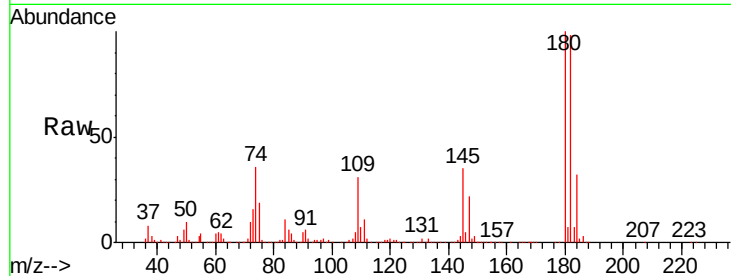




#93
 1,2,4-Trichlorobenzene
 Concen: 53.654 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

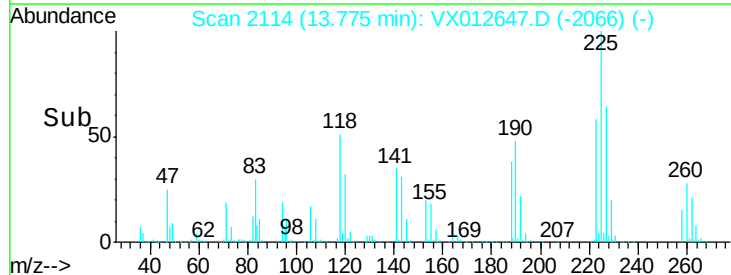
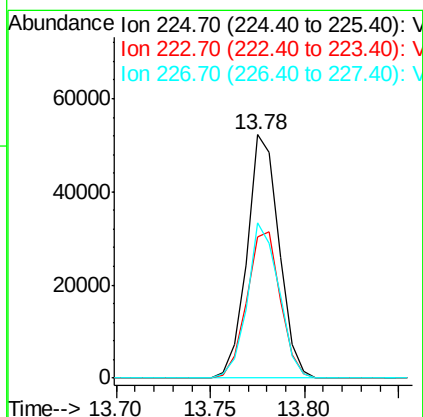
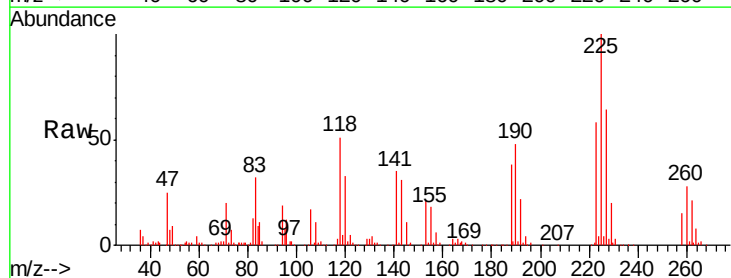
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

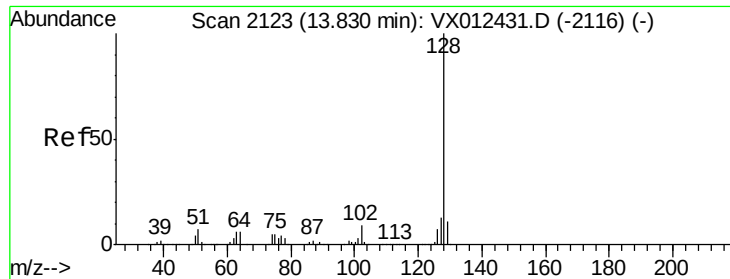
Tgt Ion:180 Resp: 150916
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.0 141.0
 145 35.0 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 50.875 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012647.D
 Acq: 24 Sep 2019 20:48

Tgt Ion:225 Resp: 61562
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.2
 227 62.8 31.9 95.5

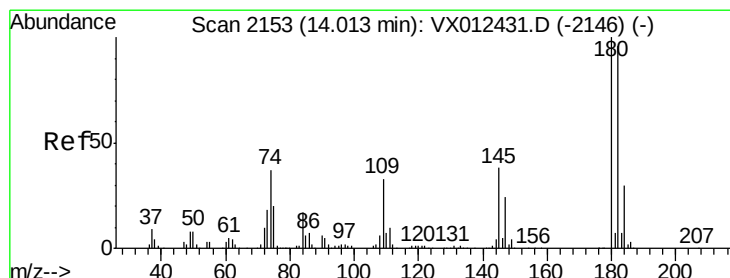
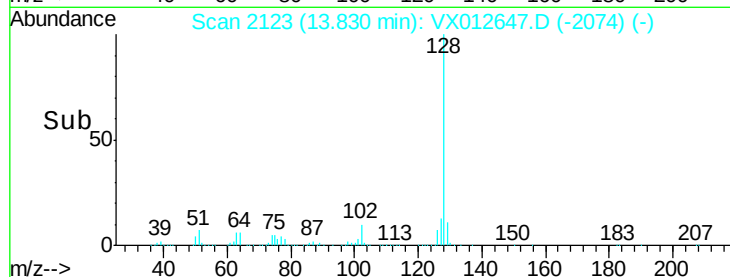
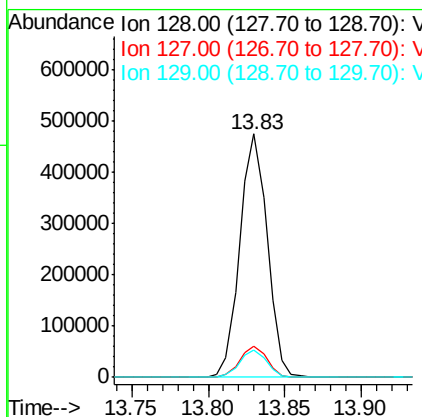
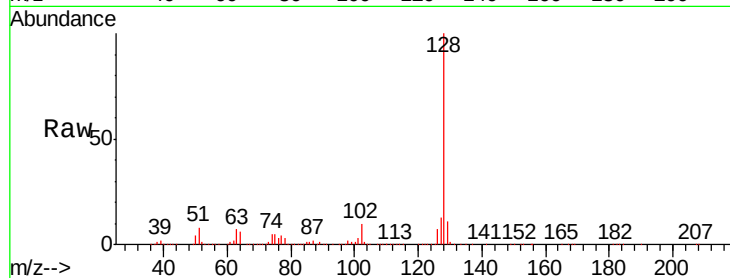




#95
Naphthalene
Concen: 57.948 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 589723
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.851 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012647.D
Acq: 24 Sep 2019 20:48

Tgt Ion:180 Resp: 154551
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 36.9 18.0 54.0

