

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012723.D
 Acq On : 01 Oct 2019 10:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:43:57 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	184829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	122938	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
35) Dibromofluoromethane	5.48	113	94326	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	349844	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.13	95	141144	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	85625	41.180	ug/l	97
3) Chloromethane	1.32	50	95061	39.814	ug/l	99
4) Vinyl Chloride	1.40	62	100608	42.393	ug/l	100
5) Bromomethane	1.62	94	37750	40.457	ug/l	99
6) Chloroethane	1.71	64	65195	40.750	ug/l	96
7) Trichlorofluoromethane	1.92	101	146047	43.832	ug/l	100
8) Diethyl Ether	2.18	74	61077	44.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93565	46.104	ug/l	97
10) Methyl Iodide	2.50	142	89418	42.633	ug/l	95
11) Tert butyl alcohol	3.03	59	147721	219.710	ug/l	99
12) 1,1-Dichloroethene	2.36	96	90705	45.644	ug/l	95
13) Acrolein	2.28	56	87936	235.408	ug/l	99
14) Allyl chloride	2.72	41	175422	44.493	ug/l	97
15) Acrylonitrile	3.13	53	310463	227.604	ug/l	98
16) Acetone	2.43	43	348541	244.484	ug/l	96
17) Carbon Disulfide	2.56	76	236961	42.534	ug/l	100
18) Methyl Acetate	2.76	43	148080	44.113	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	352089	46.809	ug/l	98
20) Methylene Chloride	2.84	84	107366	44.527	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	100096	45.465	ug/l	98
22) Diisopropyl ether	3.84	45	347441	45.606	ug/l	92
23) Vinyl Acetate	3.80	43	1547319	231.603	ug/l	98
24) 1,1-Dichloroethane	3.68	63	186597	45.059	ug/l	100
25) 2-Butanone	4.65	43	470083	229.968	ug/l	96
26) 2,2-Dichloropropane	4.56	77	162116	44.016	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	117844	46.131	ug/l	93
28) Bromochloromethane	5.00	49	69408	46.160	ug/l	98
29) Tetrahydrofuran	5.11	42	274828	220.585	ug/l	97
30) Chloroform	5.19	83	190553	44.976	ug/l	97
31) Cyclohexane	5.56	56	168946	45.096	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	168164	44.785	ug/l	99
36) 1,1-Dichloropropene	5.78	75	141107	46.270	ug/l	98
37) Ethyl Acetate	4.81	43	164407	46.113	ug/l	97
38) Carbon Tetrachloride	5.77	117	143433	46.300	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	174182	47.443	ug/l	96
40) Benzene	6.13	78	419664	46.770	ug/l	98
41) Methacrylonitrile	5.03	41	93101	46.541	ug/l	95
42) 1,2-Dichloroethane	6.18	62	158967	46.654	ug/l	98
43) Isopropyl Acetate	6.43	43	272116	45.639	ug/l	97
44) Trichloroethene	7.20	130	110010	47.958	ug/l	93
45) 1,2-Dichloropropane	7.51	63	108961	47.431	ug/l	100
46) Dibromomethane	7.65	93	74538	47.655	ug/l	97
47) Bromodichloromethane	7.89	83	149293	47.758	ug/l	97
48) Methyl methacrylate	7.76	41	132201	46.241	ug/l	94
49) 1,4-Dioxane	7.73	88	61603	949.995	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	841522	228.645	ug/l	96
52) Toluene	8.78	92	271229	48.094	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	170373	49.259	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184459	48.846	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	110213	49.156	ug/l	98
56) Ethyl methacrylate	9.17	69	181384	48.154	ug/l	92
57) 1,3-Dichloropropane	9.36	76	188834	48.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	428049	253.163	ug/l	99
59) 2-Hexanone	9.48	43	659132	233.969	ug/l	95
60) Dibromochloromethane	9.57	129	115919	51.073	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116226	49.809	ug/l	100
64) Tetrachloroethene	9.33	164	98561	49.860	ug/l	94
65) Chlorobenzene	10.14	112	282903	47.384	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	104260	48.197	ug/l	96
67) Ethyl Benzene	10.25	91	516311	47.680	ug/l	99
68) m/p-Xylenes	10.35	106	391735	96.571	ug/l	99
69) o-Xylene	10.70	106	187151	47.680	ug/l	99
70) Styrene	10.71	104	327793	49.816	ug/l	99
71) Bromoform	10.85	173	77461	51.426	ug/l #	99
73) Isopropylbenzene	11.01	105	509405	46.568	ug/l	100
74) N-amyl acetate	10.89	43	238621	45.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	169339	46.742	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	202683	57.049	ug/l	87
77) Bromobenzene	11.25	156	116849	47.197	ug/l	98
78) n-propylbenzene	11.35	91	580458	47.133	ug/l	99
79) 2-Chlorotoluene	11.42	91	347212	45.195	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	427831	46.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57287	46.209	ug/l	96
82) 4-Chlorotoluene	11.51	91	407607	46.543	ug/l	99
83) tert-Butylbenzene	11.76	119	412360	46.601	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	438207	47.355	ug/l	99
85) sec-Butylbenzene	11.94	105	500718	48.651	ug/l	100
86) p-Isopropyltoluene	12.06	119	466251	50.206	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215711	48.415	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	220641	49.007	ug/l	99
89) n-Butylbenzene	12.39	91	407681	49.818	ug/l	98
90) Hexachloroethane	12.59	117	78541	47.438	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214548	48.099	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43482	47.981	ug/l	98

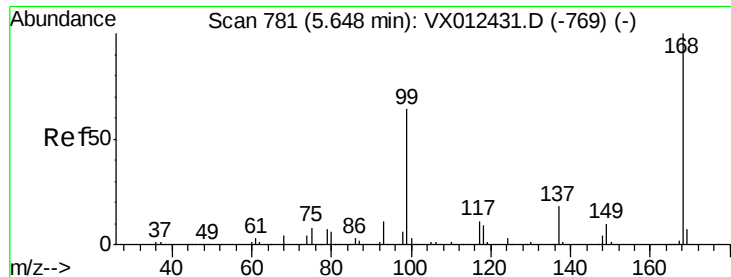
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144237	53.023	ug/l	99
94) Hexachlorobutadiene	13.78	225	63706	54.437	ug/l	97
95) Naphthalene	13.83	128	509707	51.789	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143114	52.519	ug/l	100

(#) = 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: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

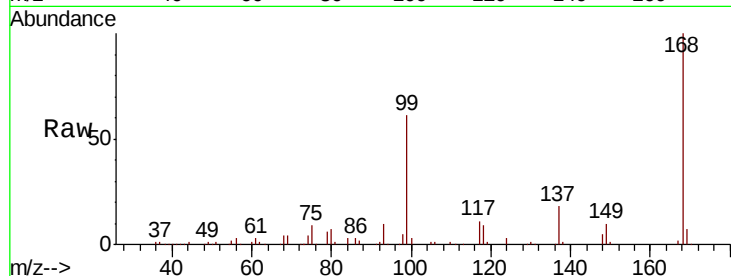
VSTDCCC050

Tot Ion:168 Resp: 184829

Ion Ratio Lower Upper

168 100

99 60.8 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

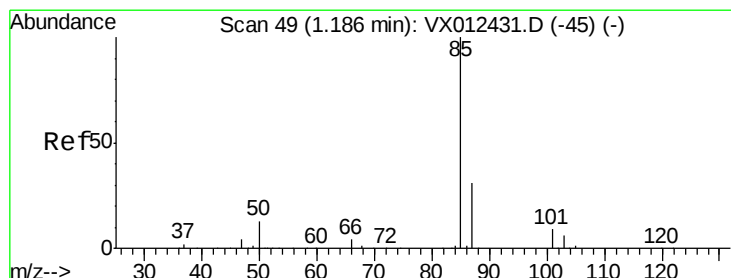
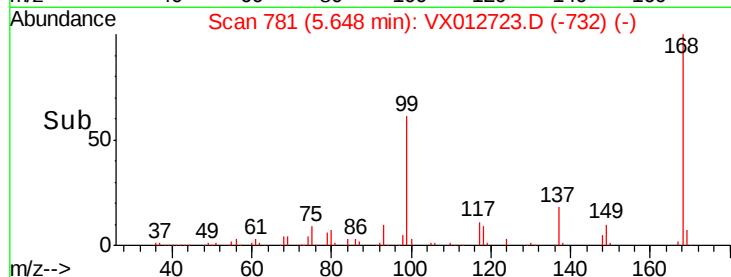
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.180 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012723.D

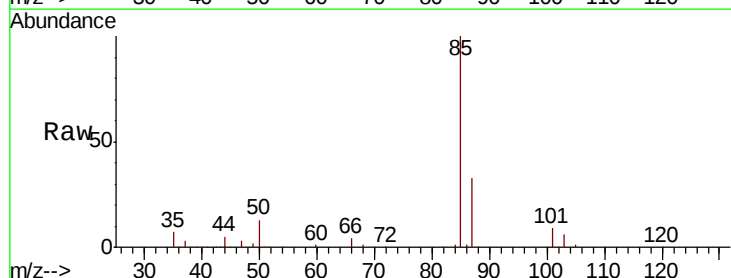
Acq: 01 Oct 2019 10:31

Tgt Ion: 85 Resp: 85625

Ion Ratio Lower Upper

85 100

87 33.0 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

80000

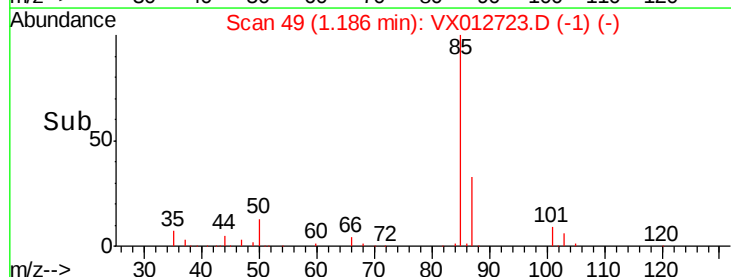
60000

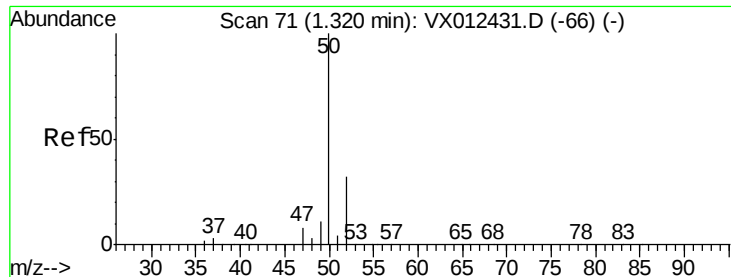
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 39.814 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

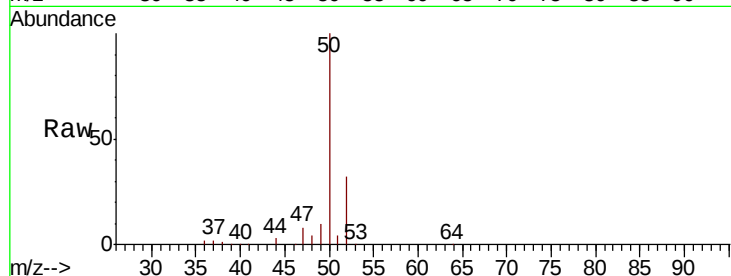
VSTDCCC050

Tot Ion: 50 Resp: 95061

Ion Ratio Lower Upper

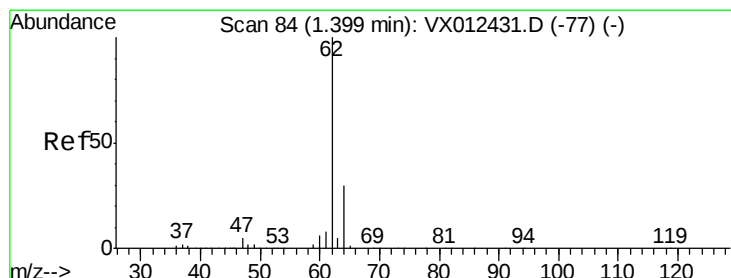
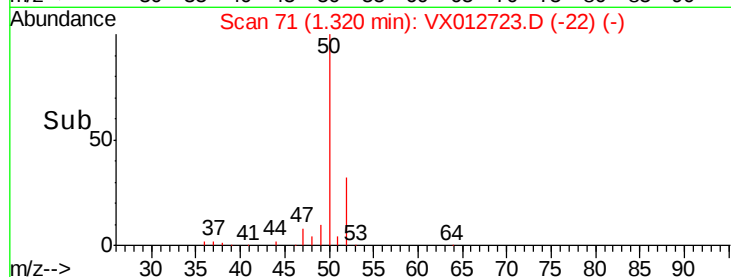
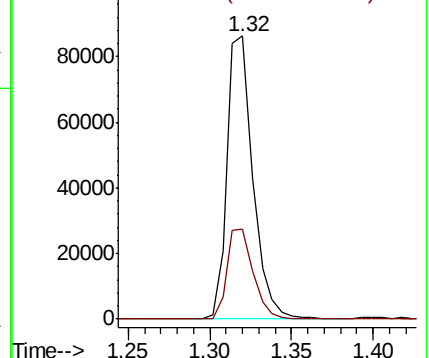
50 100

52 31.8 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: 42.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012723.D

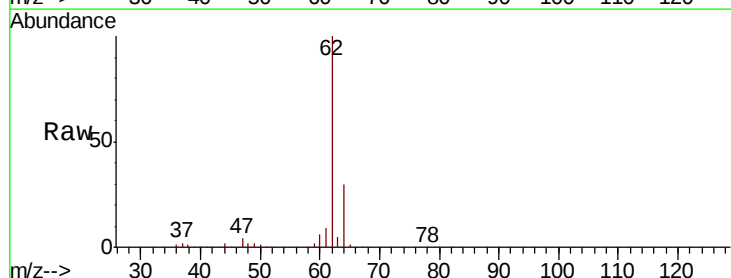
Acq: 01 Oct 2019 10:31

Tgt Ion: 62 Resp: 100608

Ion Ratio Lower Upper

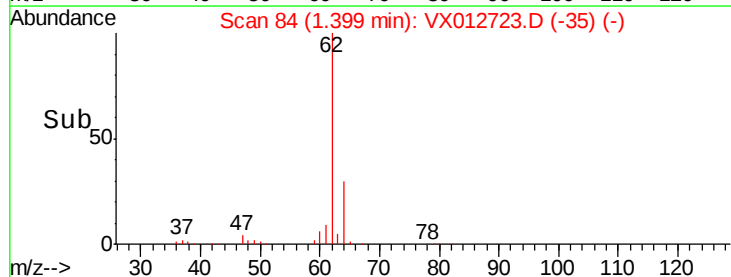
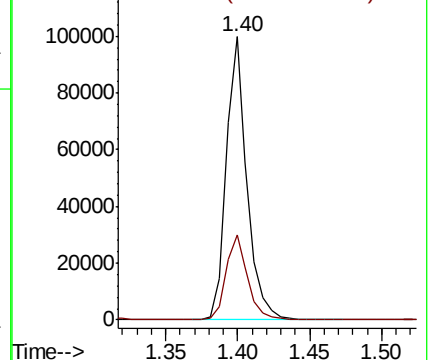
62 100

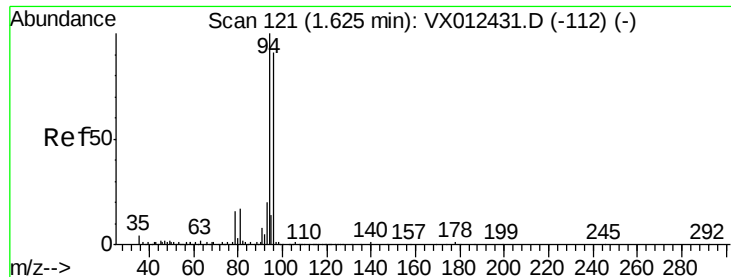
64 30.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.457 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

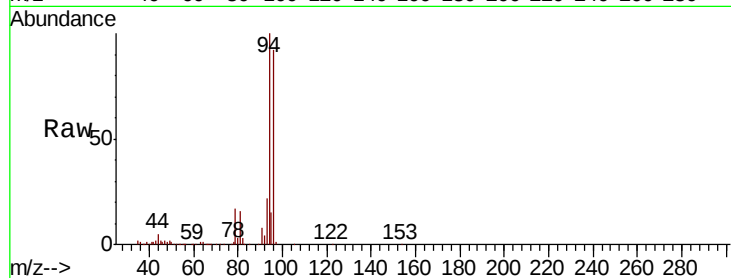
VSTDCCC050

Tot Ion: 94 Resp: 37750

Ion Ratio Lower Upper

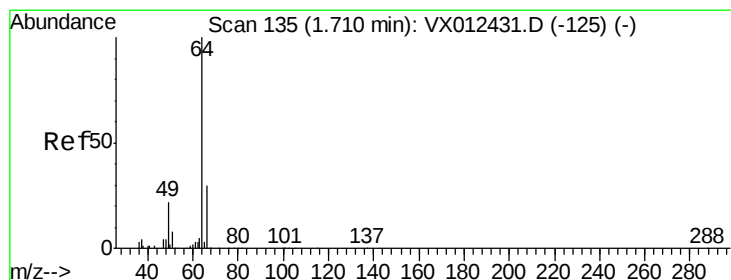
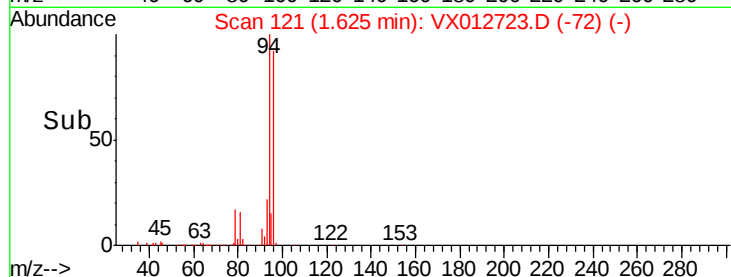
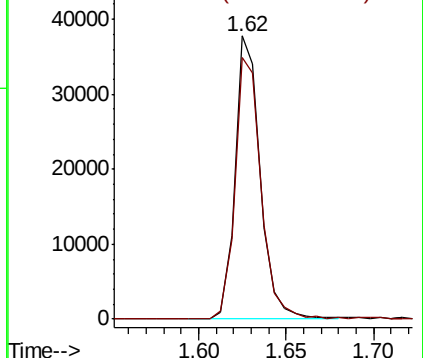
94 100

96 92.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 40.750 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012723.D

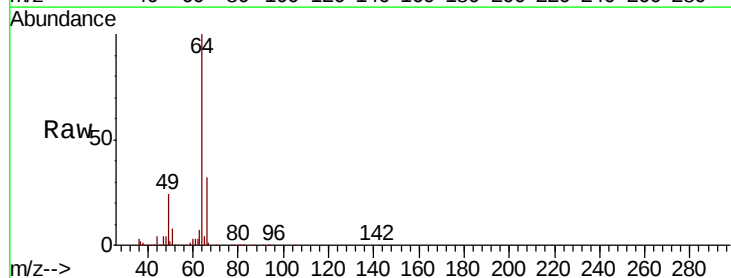
Acq: 01 Oct 2019 10:31

Tgt Ion: 64 Resp: 65195

Ion Ratio Lower Upper

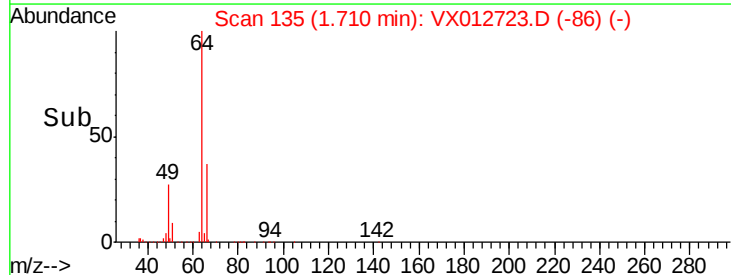
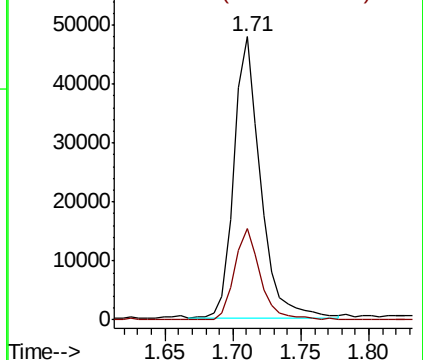
64 100

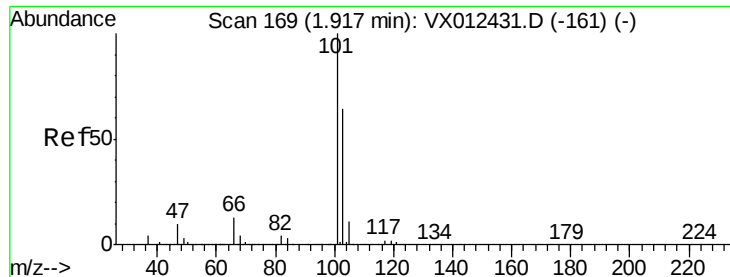
66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



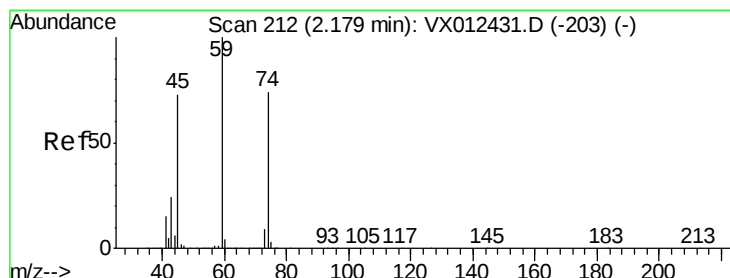
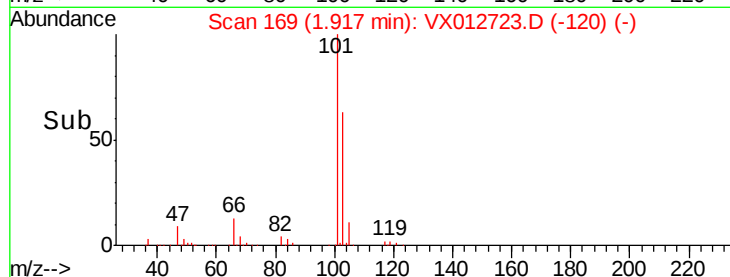
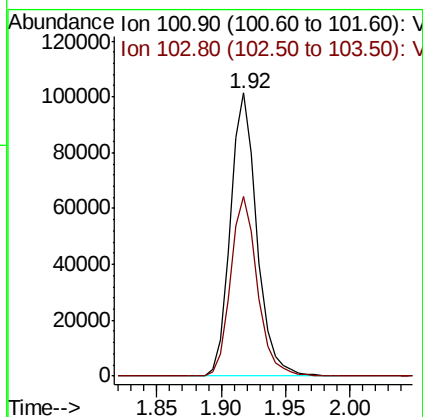
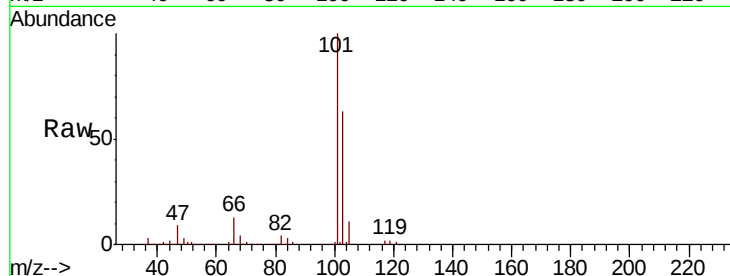


#7

Trichlorofluoromethane
 Concen: 43.832 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

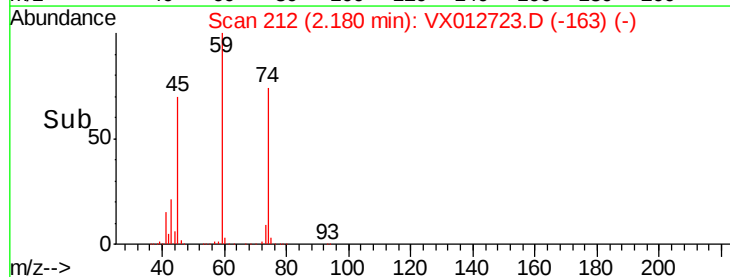
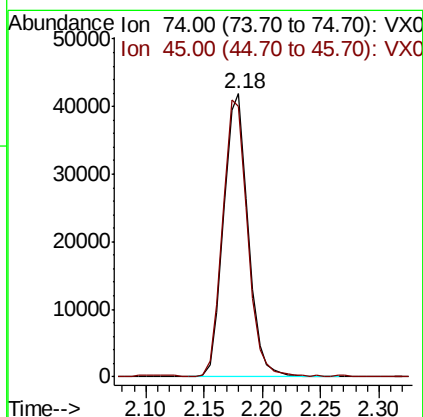
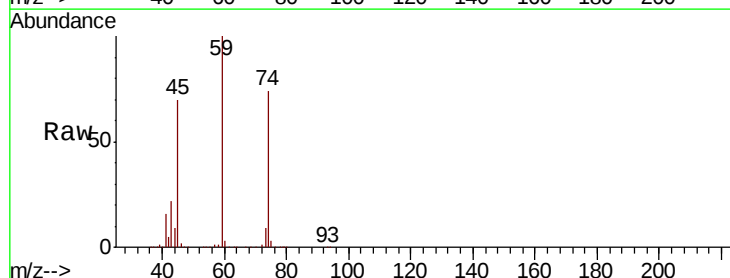
Tot Ion:101 Resp: 146047
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.4

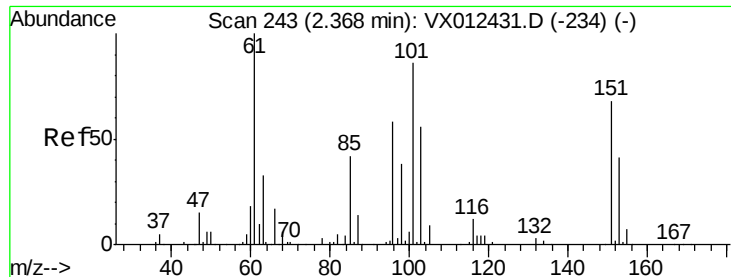


#8

Diethyl Ether
 Concen: 44.729 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 74 Resp: 61077
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.104 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

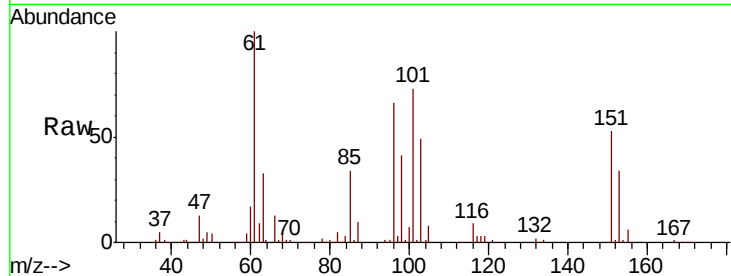
Tot Ion:101 Resp: 93565

Ion Ratio Lower Upper

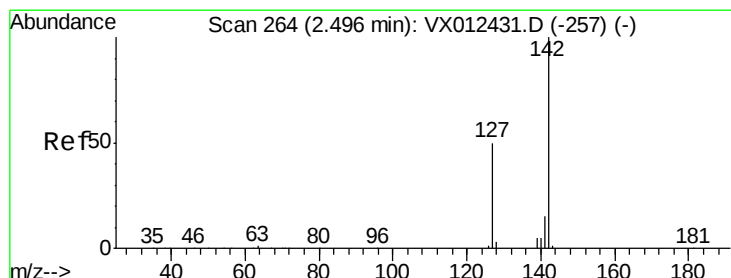
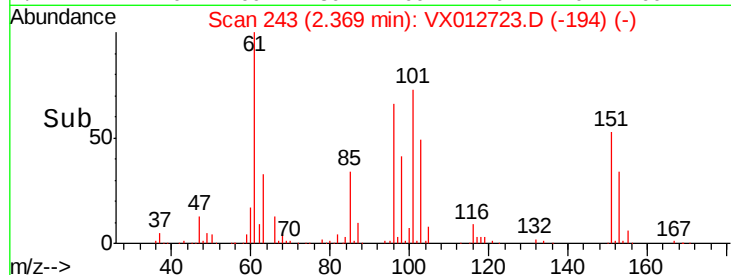
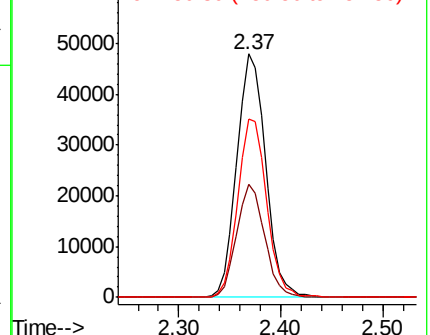
101 100

85 45.3 37.3 55.9

151 73.3 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: 42.633 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

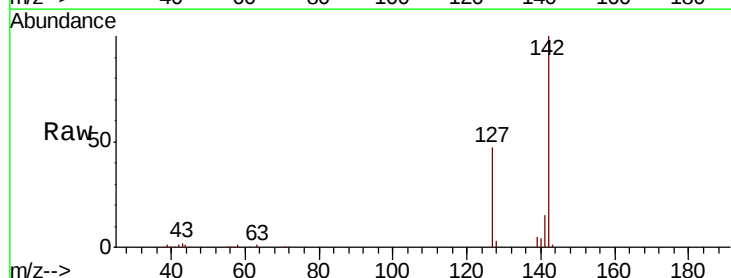
Tgt Ion:142 Resp: 89418

Ion Ratio Lower Upper

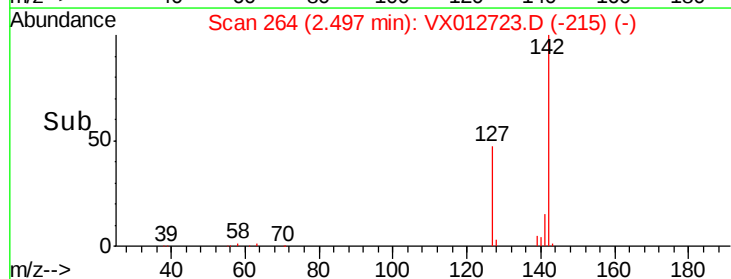
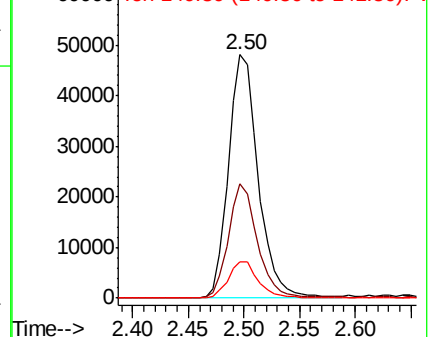
142 100

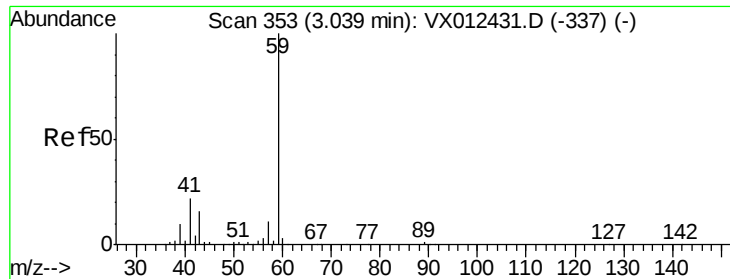
127 46.2 40.8 61.2

141 15.1 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

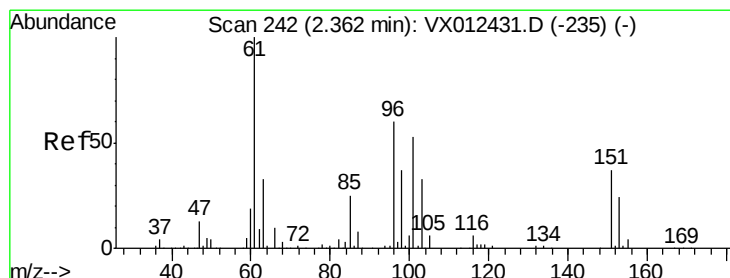
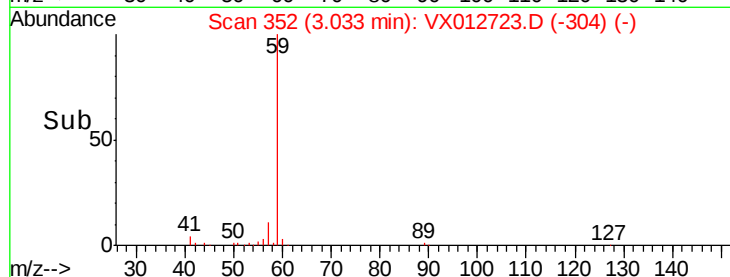
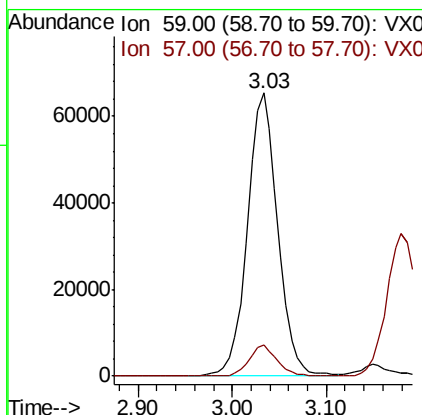
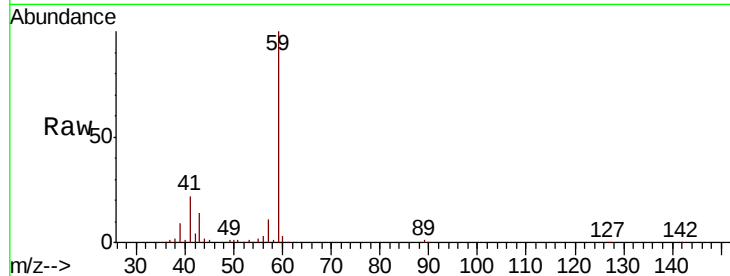




#11
Tert butyl alcohol
Concen: 219.710 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

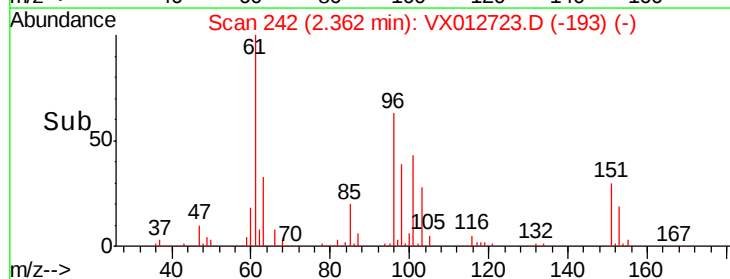
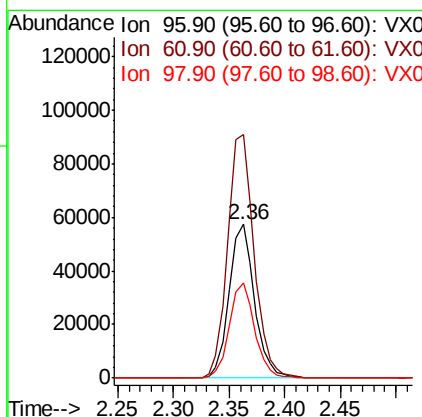
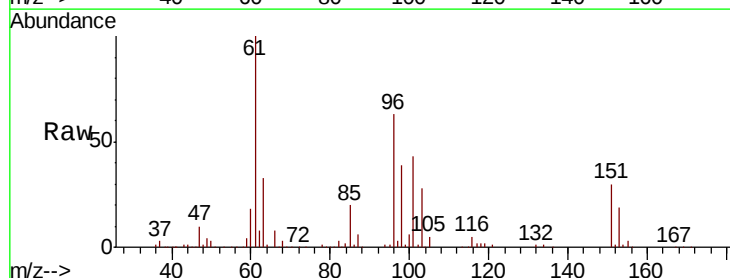
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

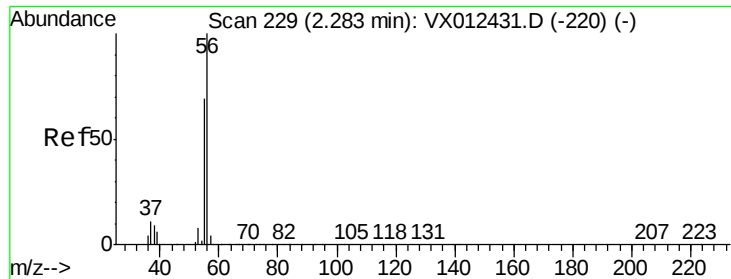
Tot Ion: 59 Resp: 147721
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.644 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 96 Resp: 90705
Ion Ratio Lower Upper
96 100
61 158.7 133.8 200.6
98 61.9 49.9 74.9





#13

Acrolein

Concen: 235.408 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

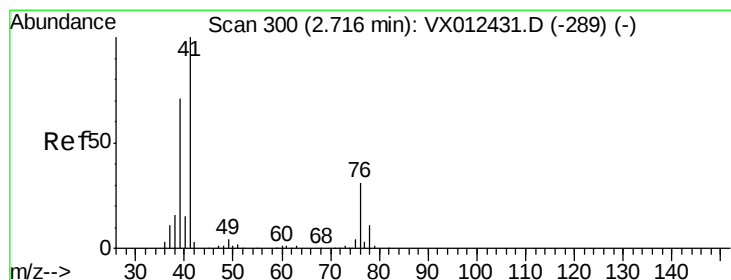
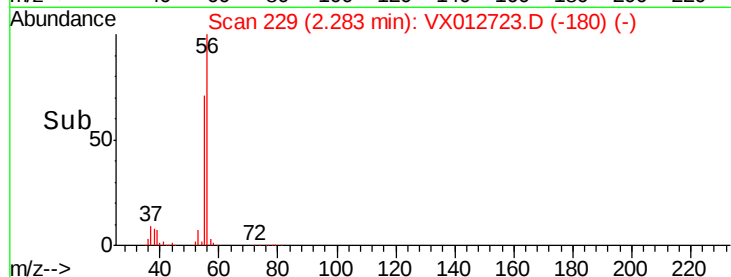
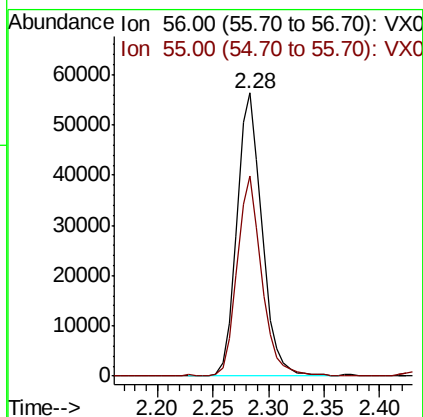
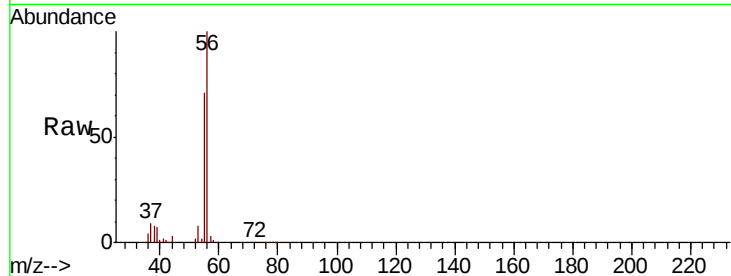
VSTDCCC050

Tot Ion: 56 Resp: 87936

Ion Ratio Lower Upper

56 100

55 68.7 55.8 83.8



#14

Allyl chloride

Concen: 44.493 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

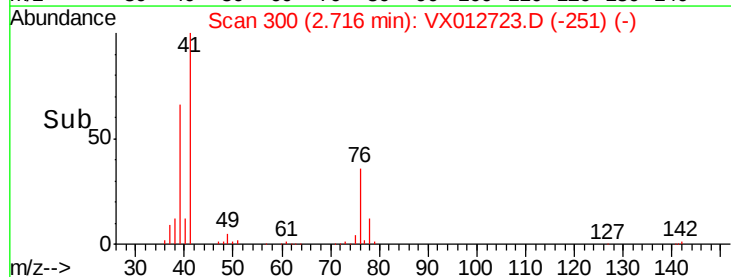
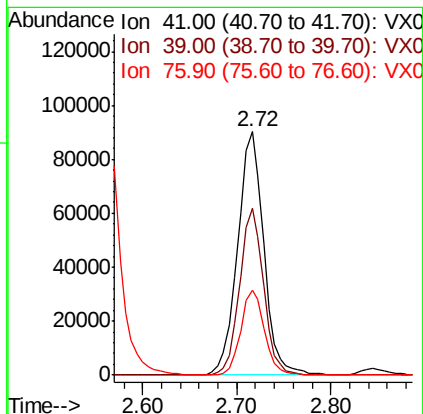
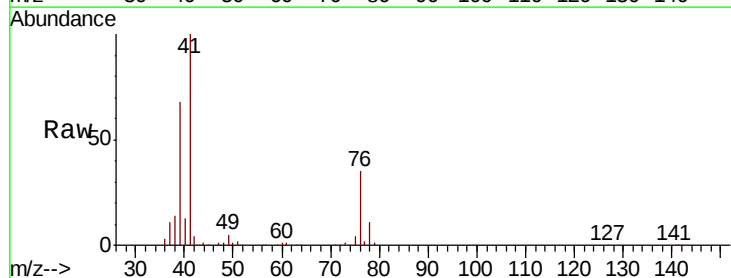
Tgt Ion: 41 Resp: 175422

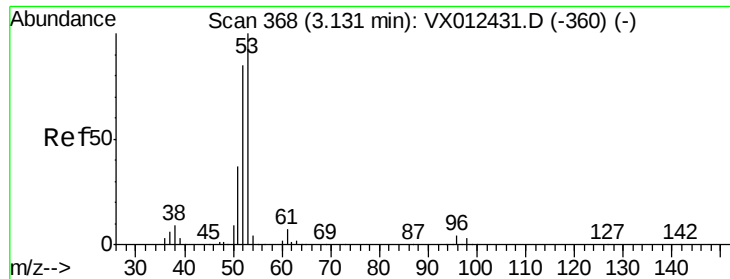
Ion Ratio Lower Upper

41 100

39 62.8 51.3 76.9

76 31.4 22.6 33.8





#15

Acrylonitrile

Concen: 227.604 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

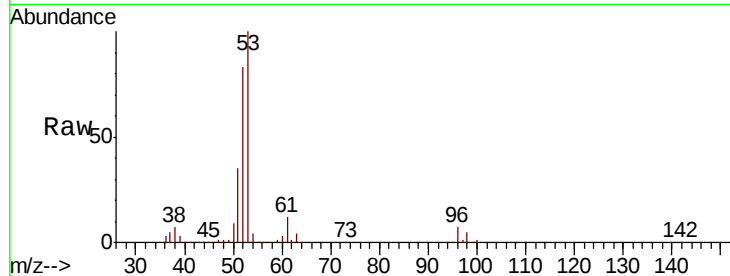
Tot Ion: 53 Resp: 310463

Ion Ratio Lower Upper

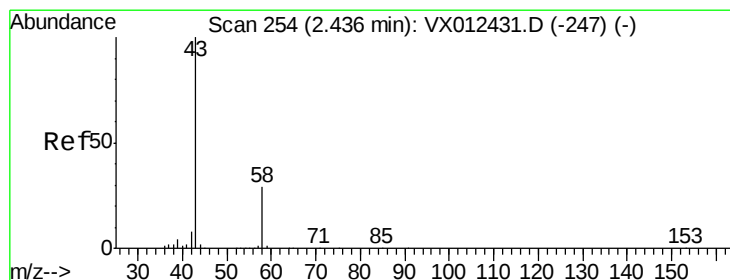
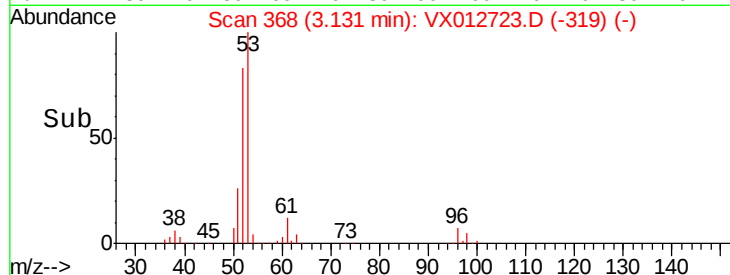
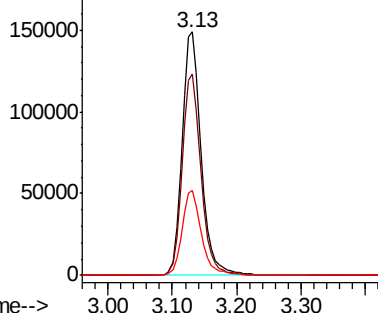
53 100

52 81.8 67.0 100.4

51 35.4 29.6 44.4



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



#16

Acetone

Concen: 244.484 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012723.D

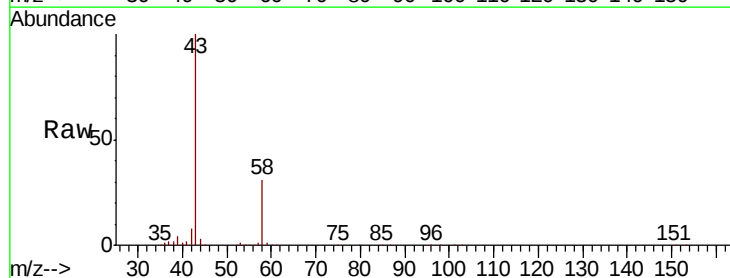
Acq: 01 Oct 2019 10:31

Tgt Ion: 43 Resp: 348541

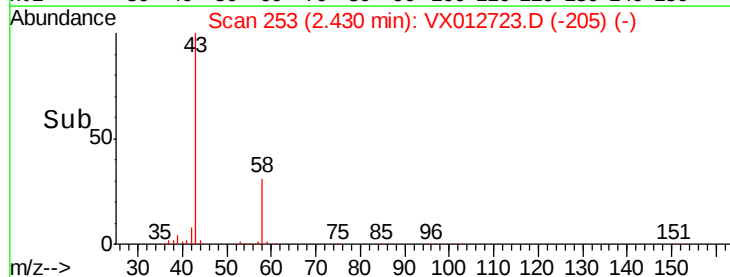
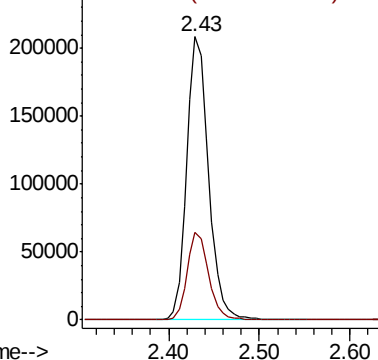
Ion Ratio Lower Upper

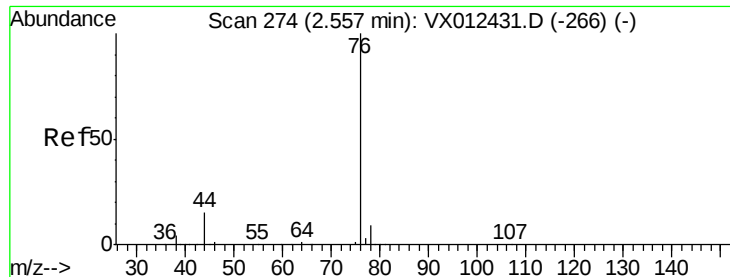
43 100

58 31.1 23.3 34.9



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

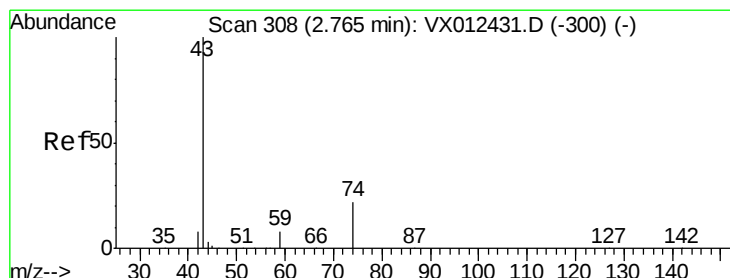
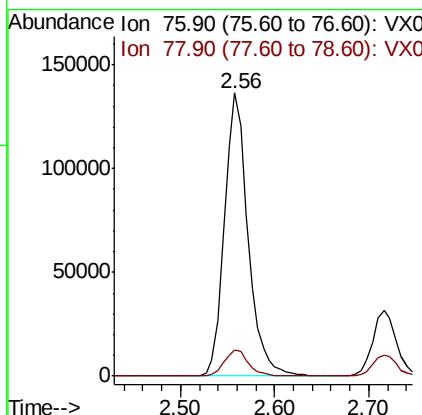
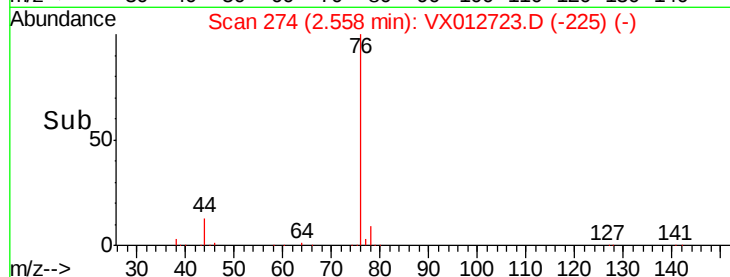
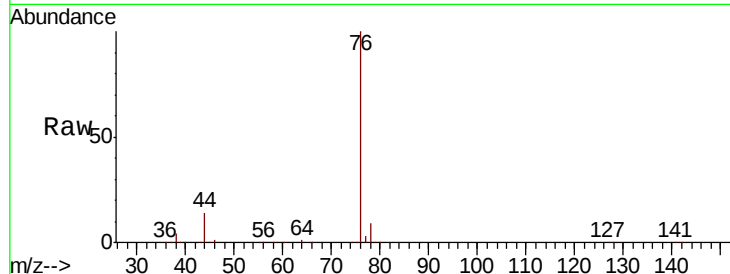




#17
Carbon Disulfide
Concen: 42.534 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

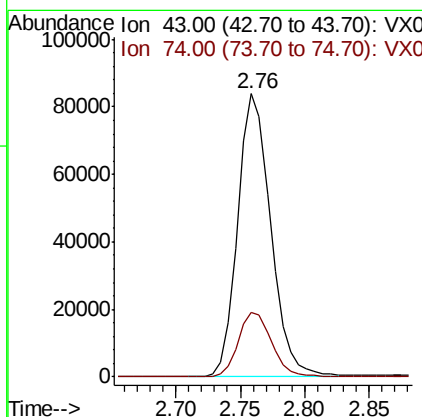
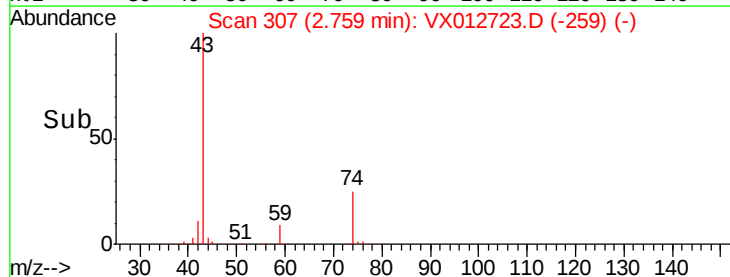
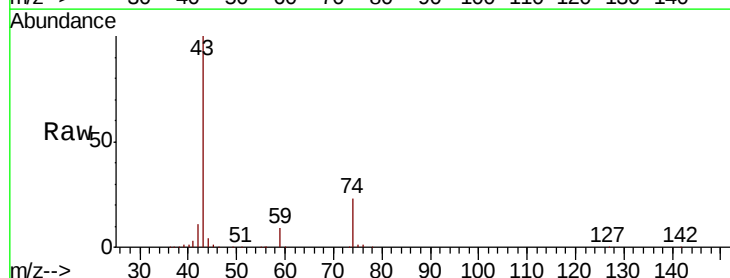
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

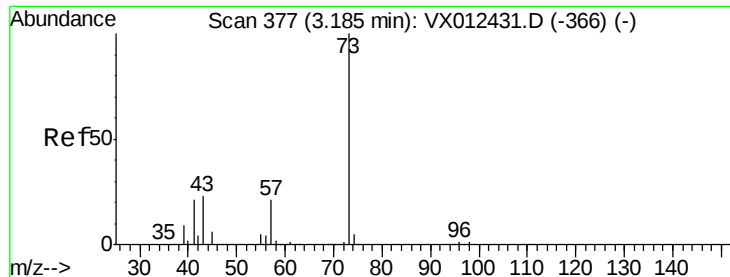
Tot Ion: 76 Resp: 236961
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 44.113 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 43 Resp: 148080
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5

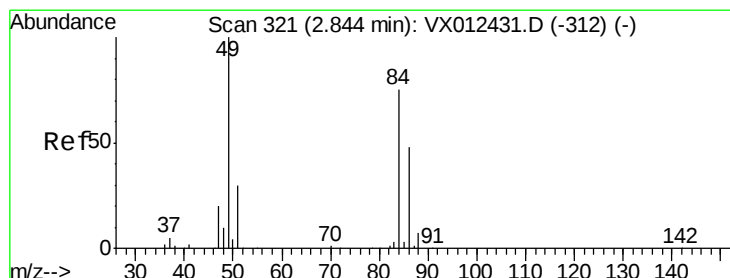
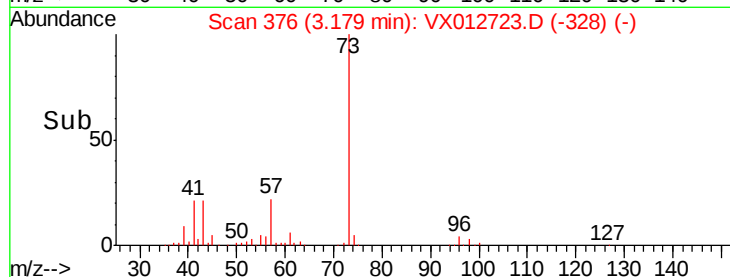
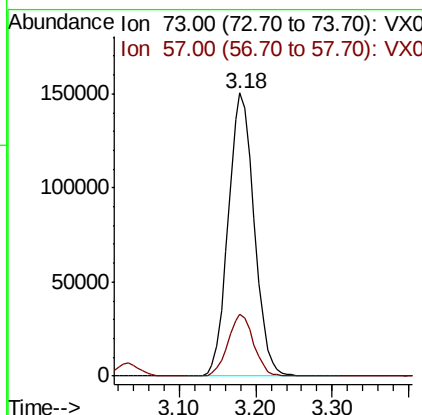
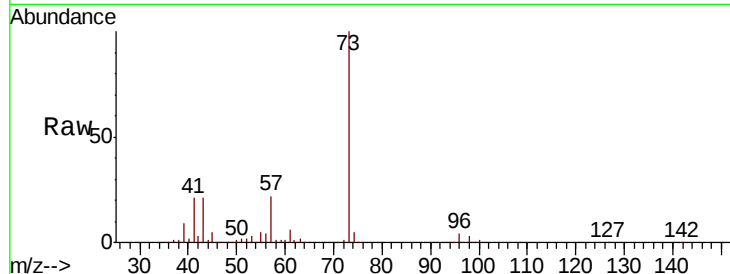




#19
Methyl tert-butyl Ether
Concen: 46.809 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

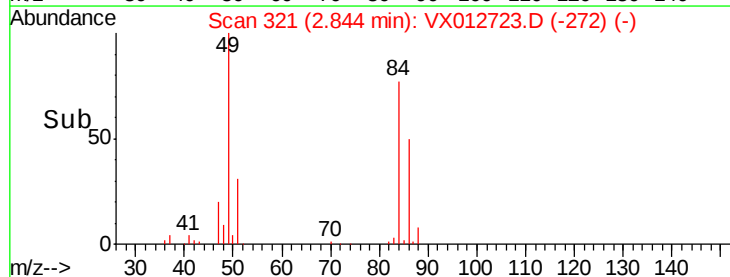
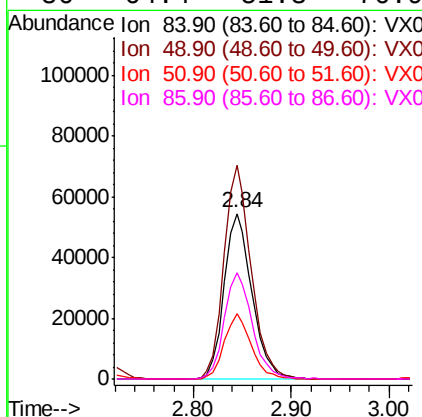
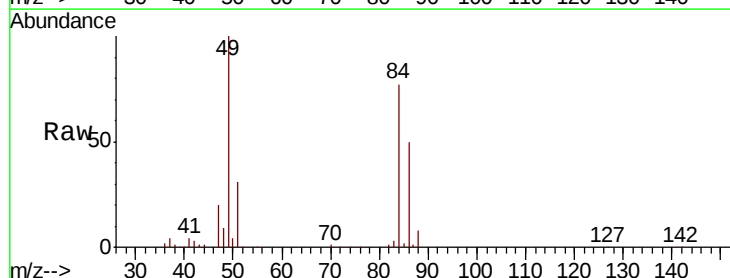
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

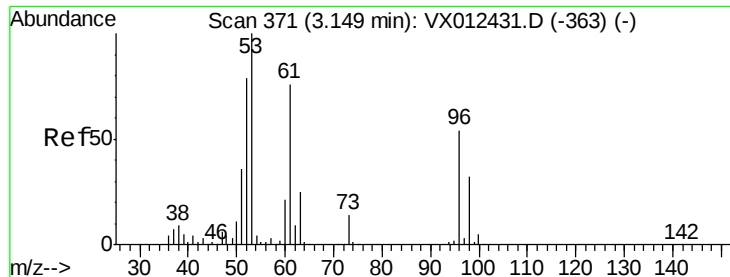
Tot Ion: 73 Resp: 352089
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 44.527 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 84 Resp: 107366
Ion Ratio Lower Upper
84 100
49 129.4 106.8 160.2
51 39.5 32.3 48.5
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.465 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

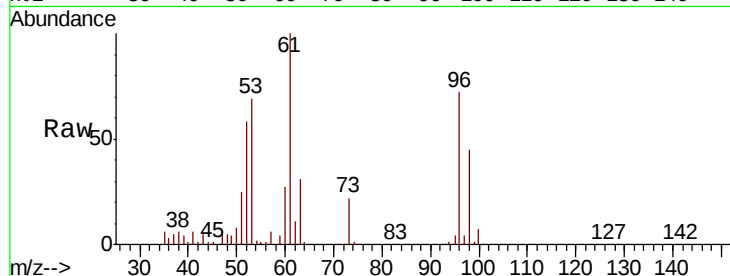
Tot Ion: 96 Resp: 100096

Ion Ratio Lower Upper

96 100

61 138.9 112.0 168.0

98 62.9 47.8 71.8

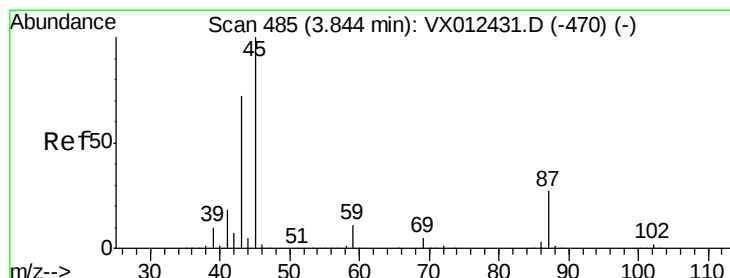
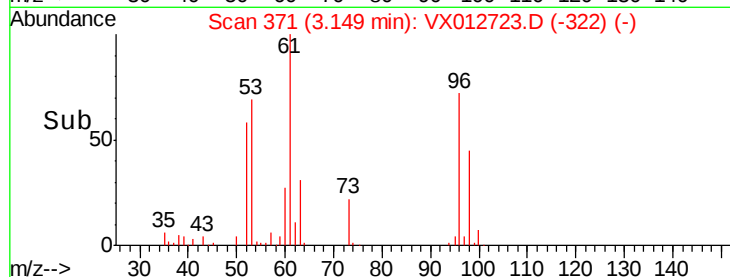
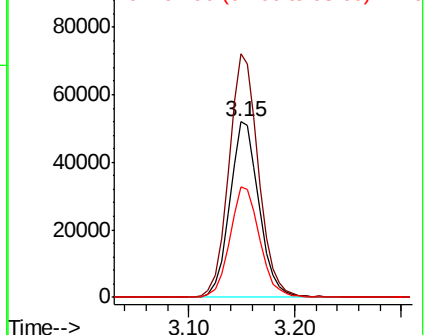


Abundance

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: 45.606 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Tgt Ion: 45 Resp: 347441

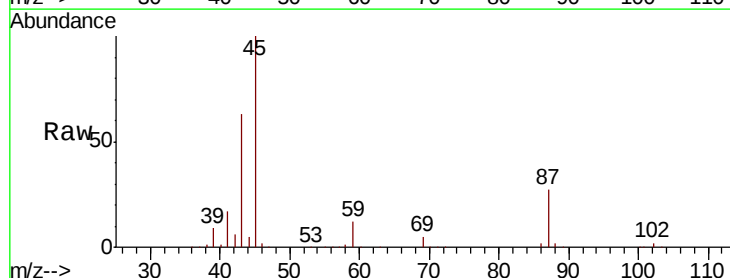
Ion Ratio Lower Upper

45 100

43 62.6 57.8 86.8

87 27.1 21.3 31.9

59 11.7 8.5 12.7



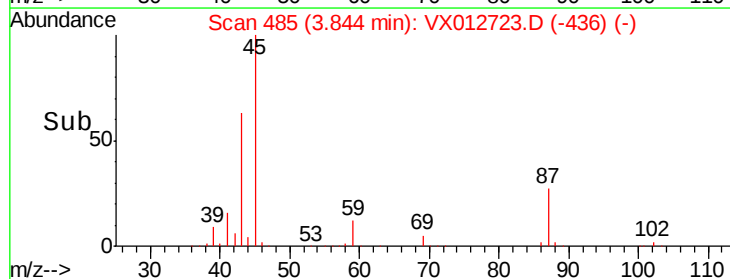
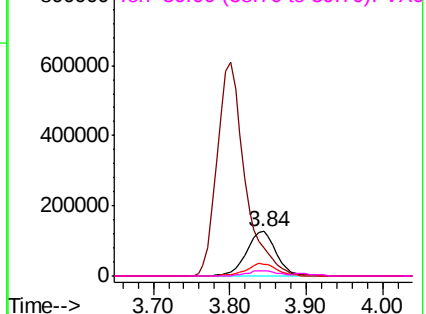
Abundance

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: 231.603 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

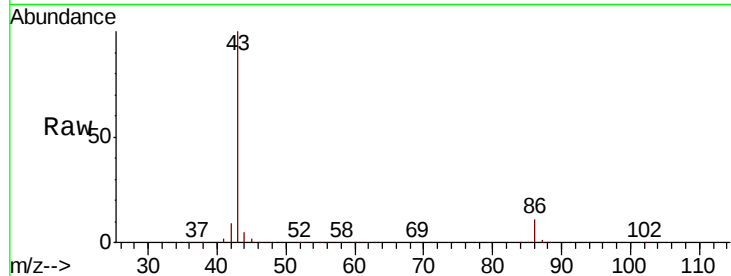
VSTDCCC050

Tot Ion: 43 Resp: 1547319

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

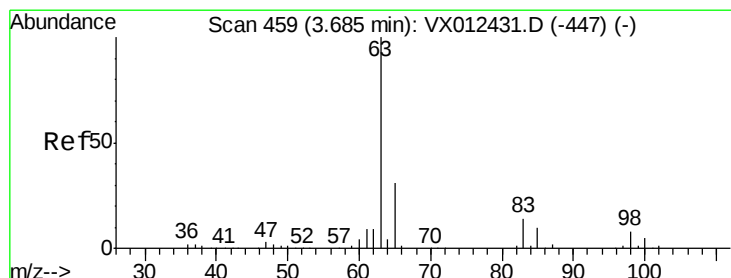
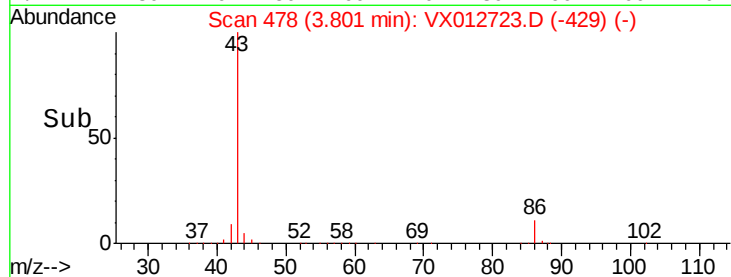
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.059 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

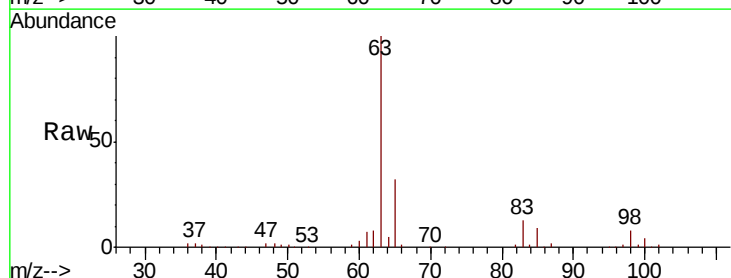
Tgt Ion: 63 Resp: 186597

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 4.5 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

3.68

100000

80000

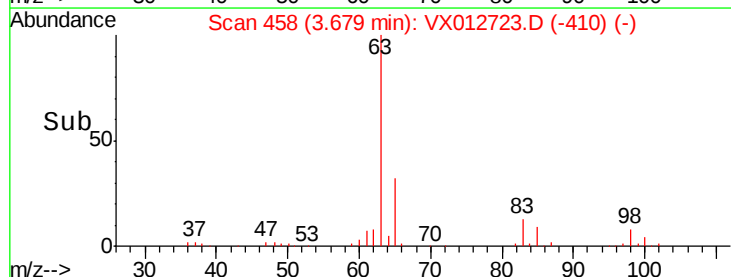
60000

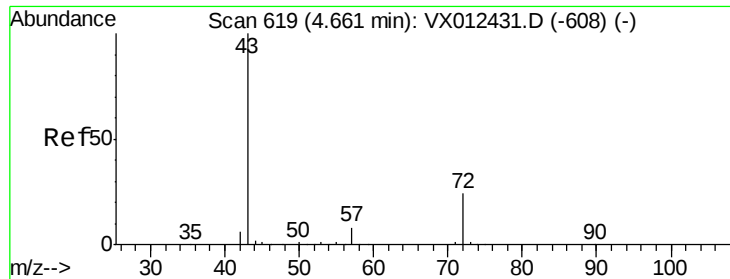
40000

20000

0

Time-->





#25

2-Butanone

Concen: 229.968 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

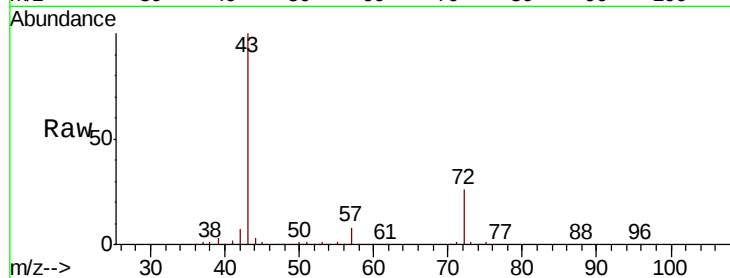
VSTDCCC050

Tot Ion: 43 Resp: 470083

Ion Ratio Lower Upper

43 100

72 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

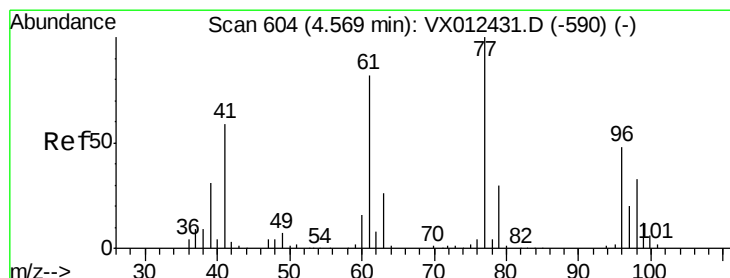
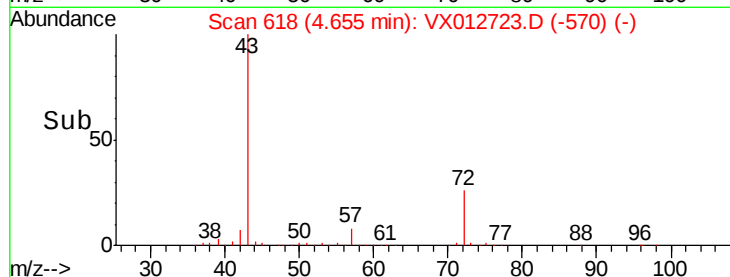
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.016 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012723.D

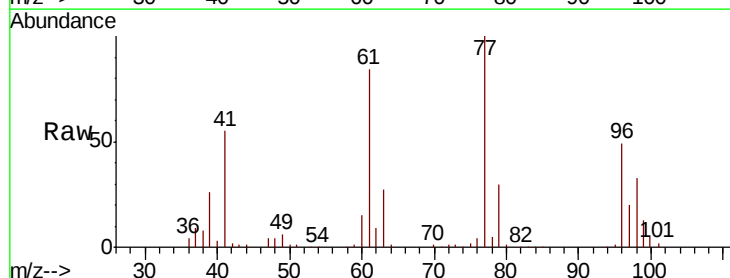
Acq: 01 Oct 2019 10:31

Tgt Ion: 77 Resp: 162116

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

60000

50000

40000

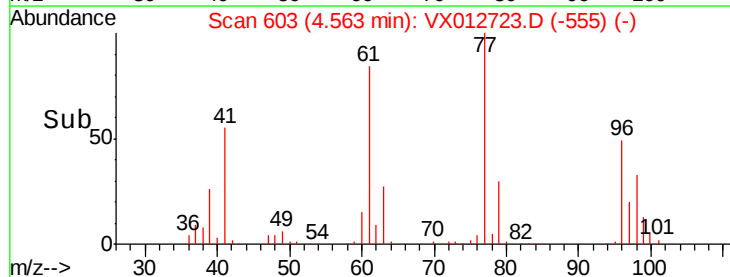
30000

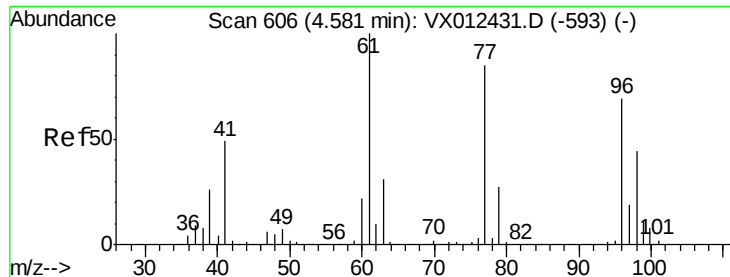
20000

10000

0

Time-->



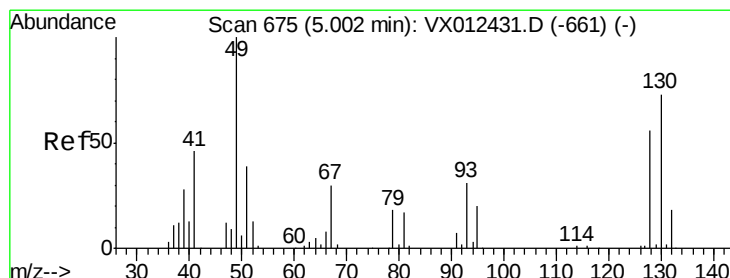
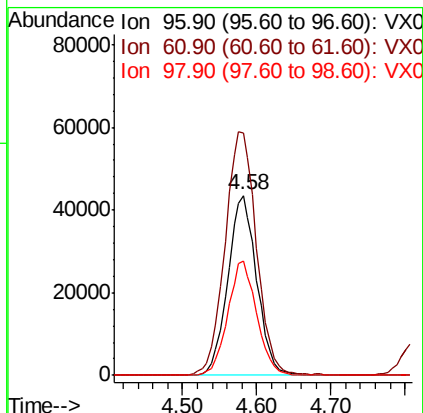
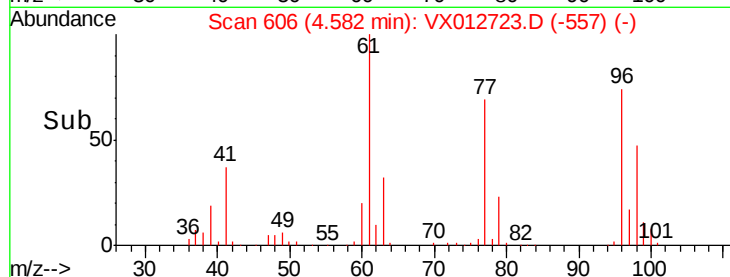
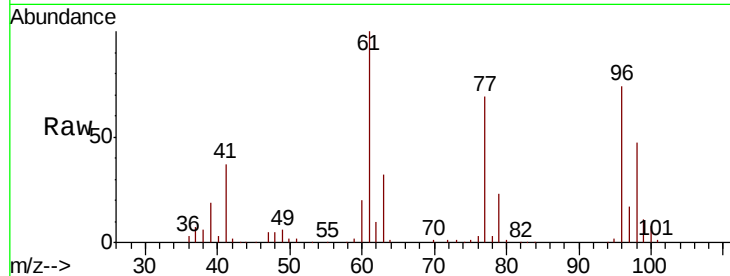


#27

cis-1,2-Dichloroethene
Concen: 46.131 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

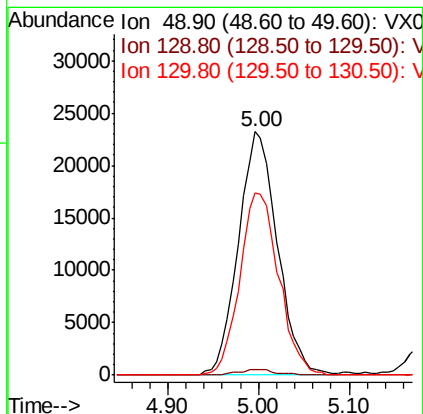
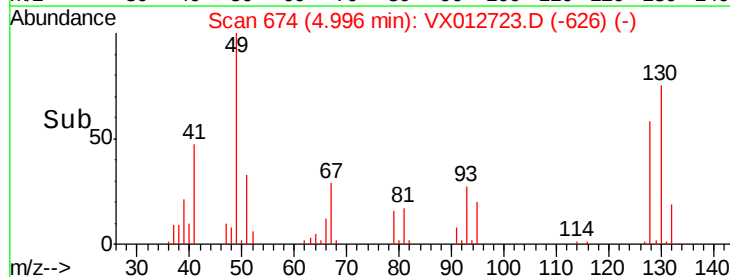
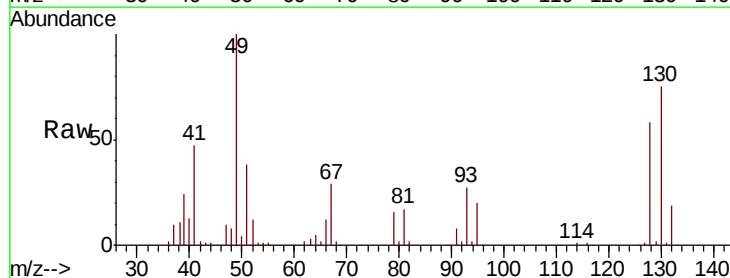
Tot Ion: 96 Resp: 117844
Ion Ratio Lower Upper
96 100
61 147.2 0.0 319.4
98 63.7 0.0 130.6

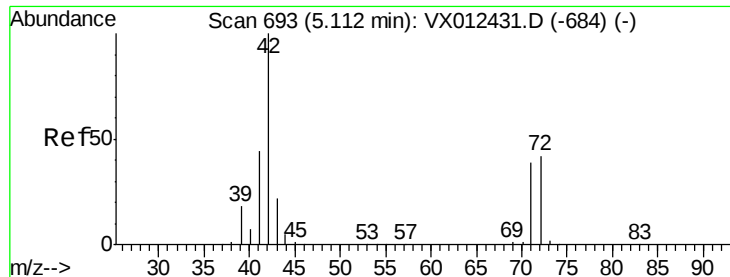


#28

Bromochloromethane
Concen: 46.160 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 49 Resp: 69408
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 74.4 58.2 87.4

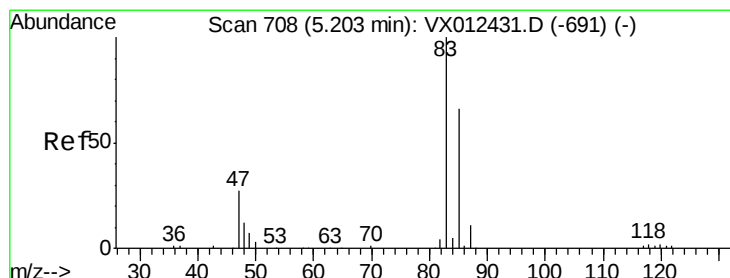
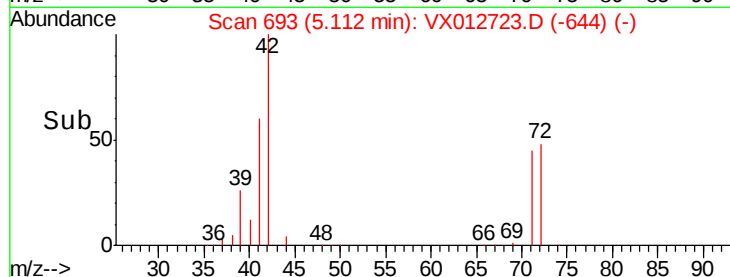
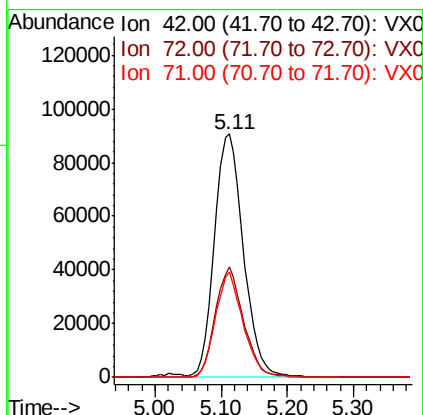
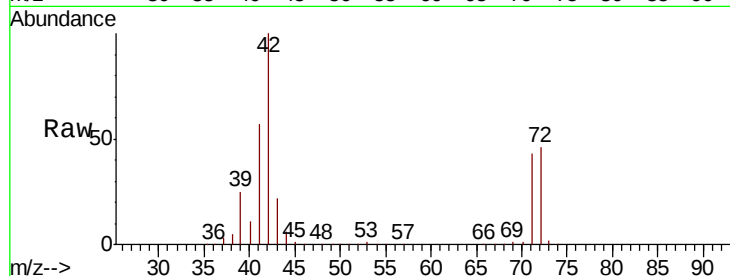




#29
Tetrahydrofuran
Concen: 220.585 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

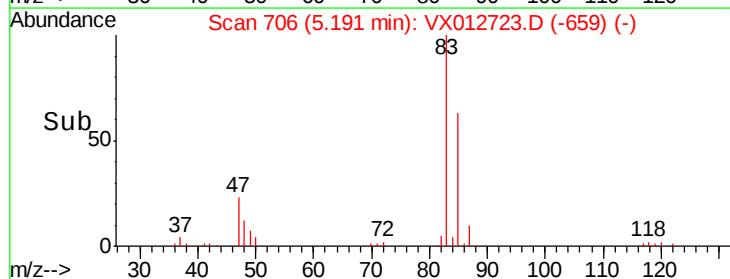
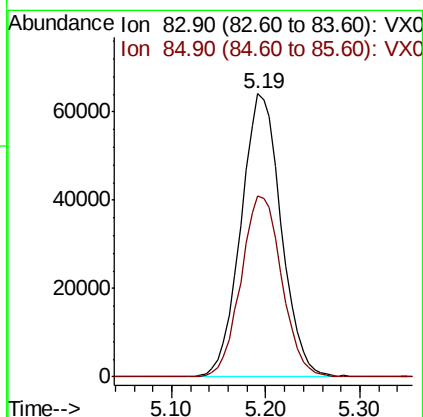
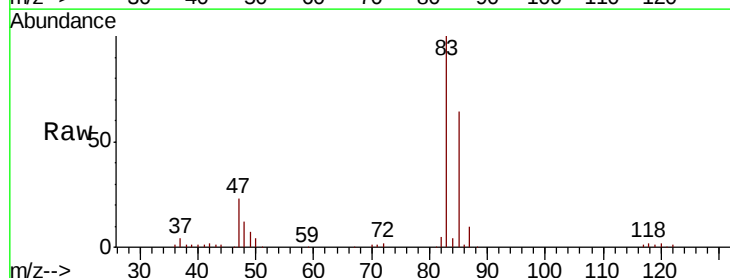
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

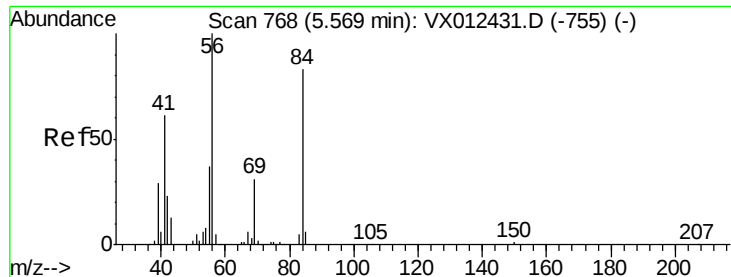
Tot Ion: 42 Resp: 274828
Ion Ratio Lower Upper
42 100
72 44.6 34.0 51.0
71 41.2 31.5 47.3



#30
Chloroform
Concen: 44.976 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 83 Resp: 190553
Ion Ratio Lower Upper
83 100
85 63.8 53.0 79.4

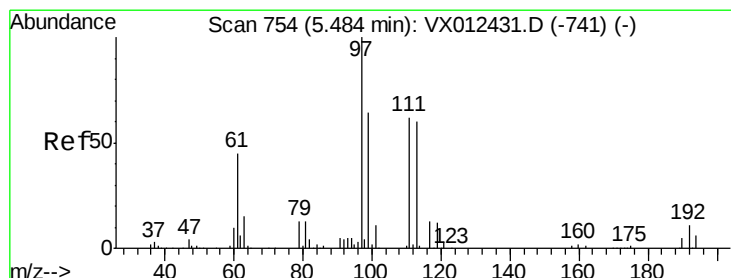
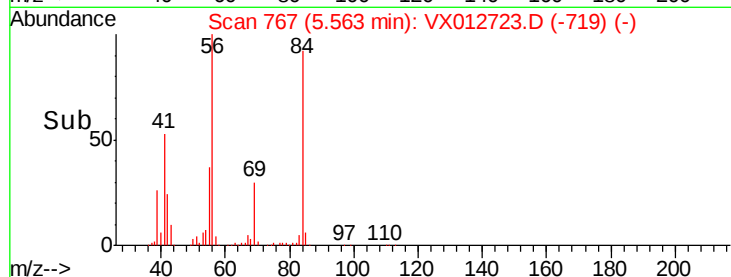
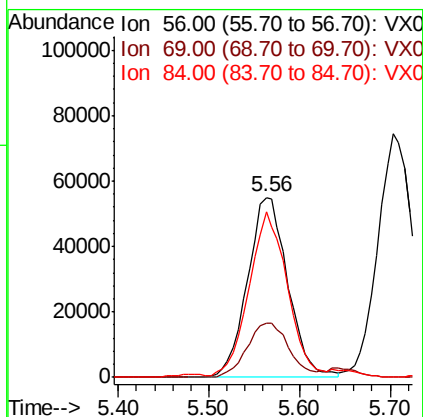
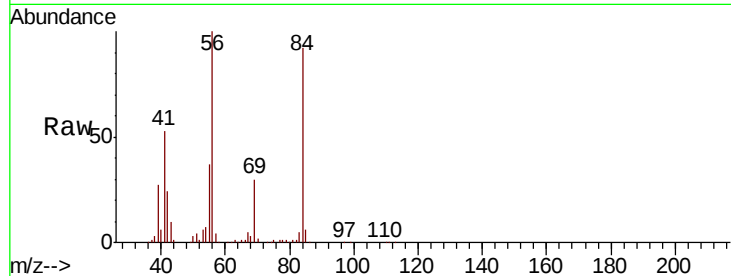




#31
Cyclohexane
Concen: 45.096 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

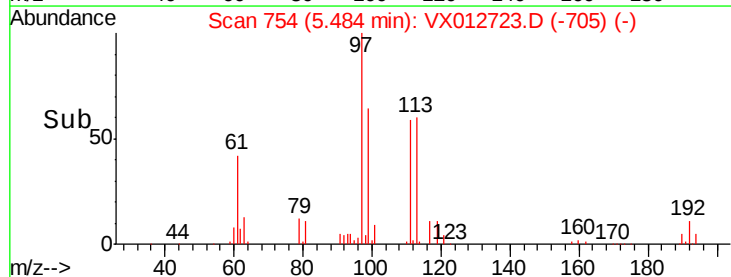
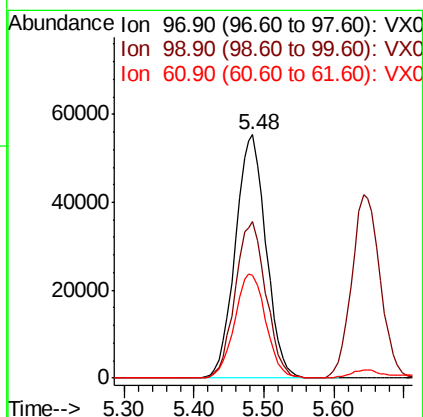
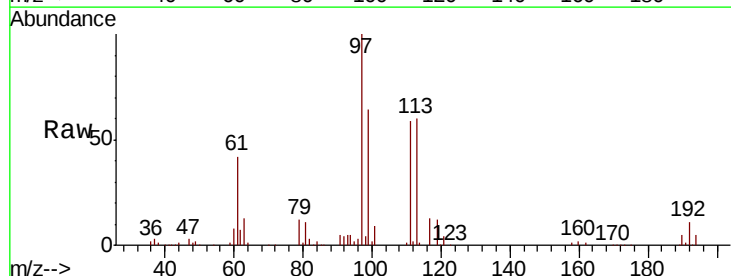
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

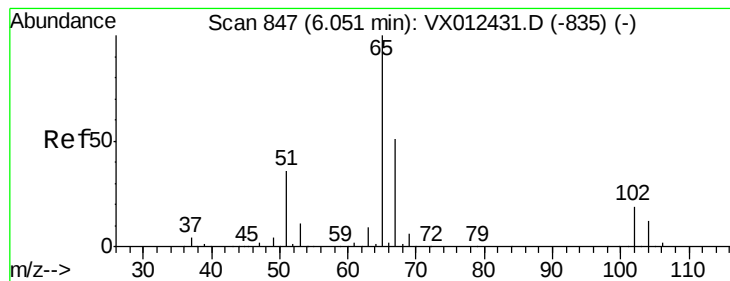
Tot Ion: 56 Resp: 168946
Ion Ratio Lower Upper
56 100
69 30.3 25.0 37.6
84 90.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 44.785 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 97 Resp: 168164
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 43.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.677 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

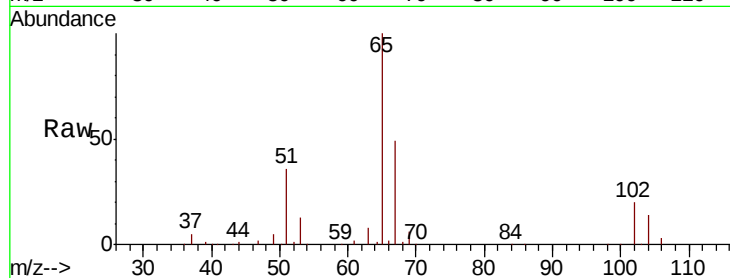
VSTDCCC050

Tot Ion: 65 Resp: 122938

Ion Ratio Lower Upper

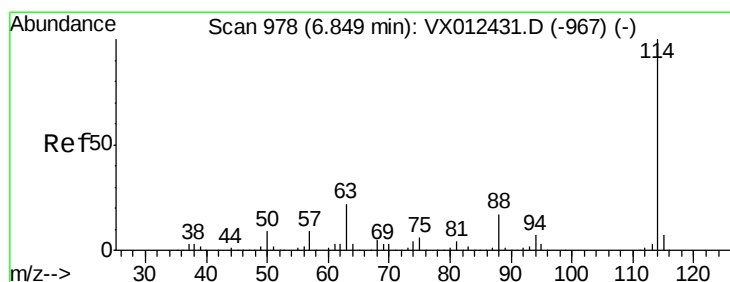
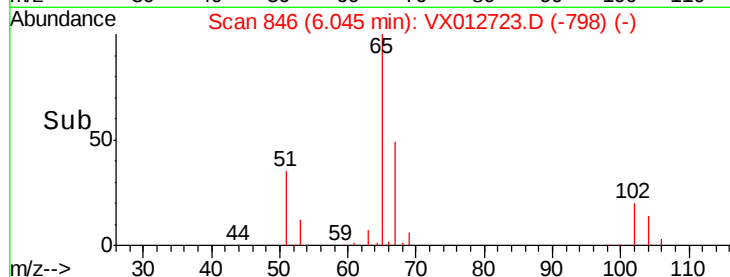
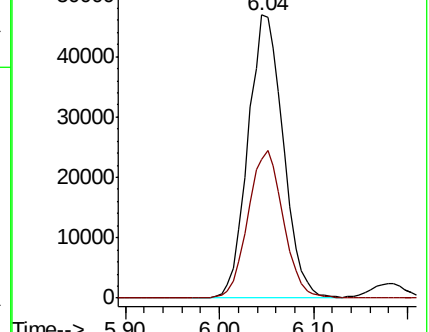
65 100

67 52.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

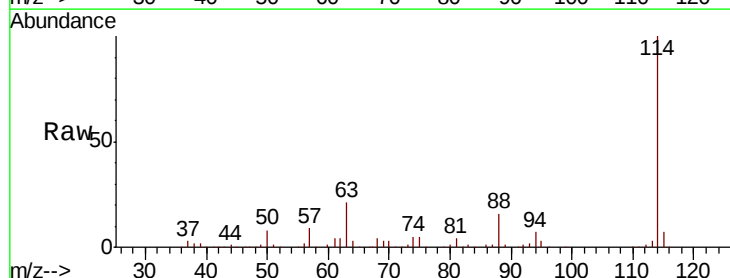
Tgt Ion: 114 Resp: 316388

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

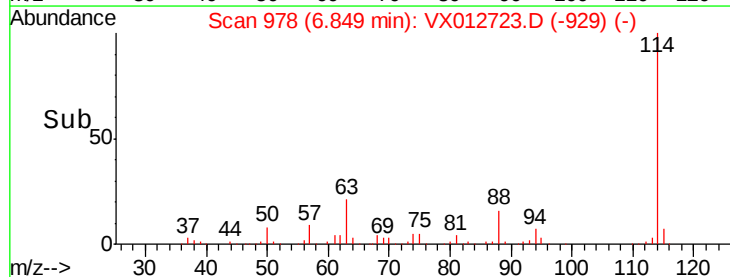
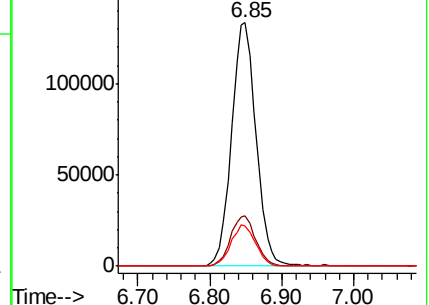
88 16.4 0.0 33.2

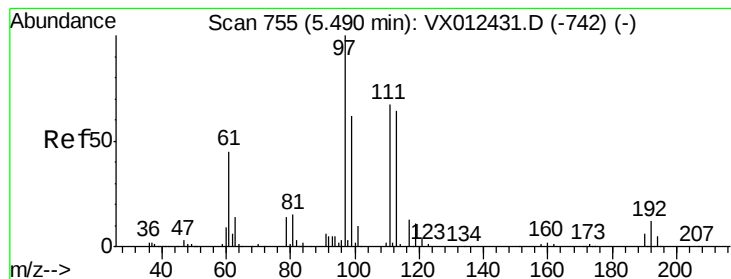


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.061 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

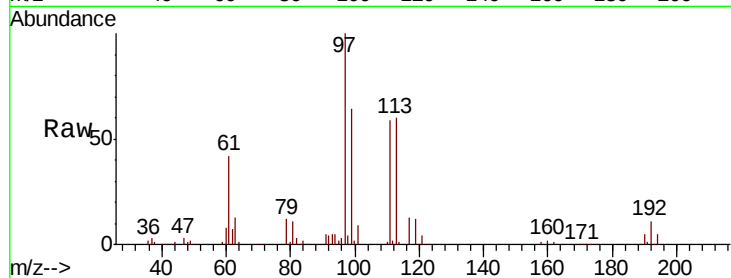
Tot Ion:113 Resp: 94326

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

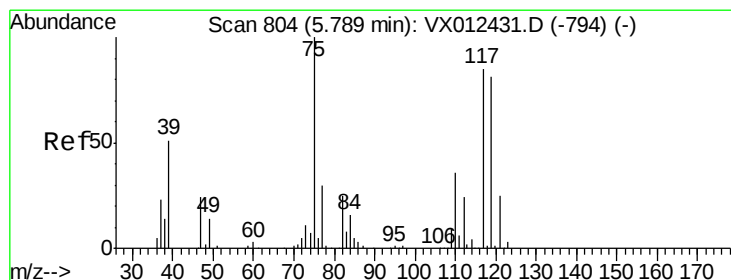
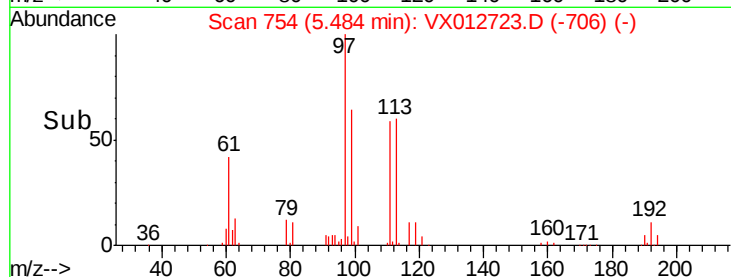
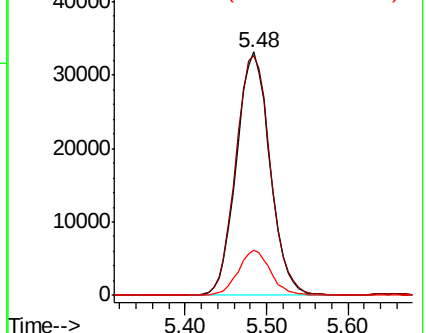
192 18.0 14.4 21.6



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: 46.270 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

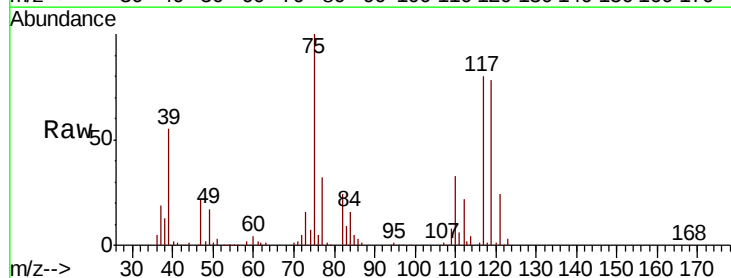
Tgt Ion: 75 Resp: 141107

Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.0

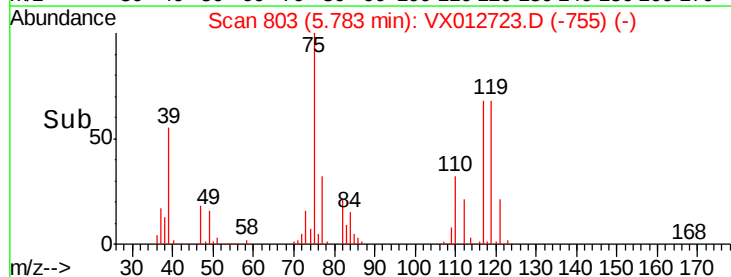
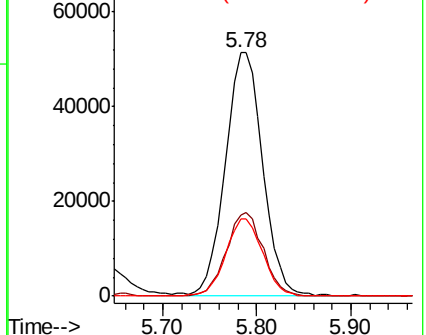
77 31.9 24.2 36.2

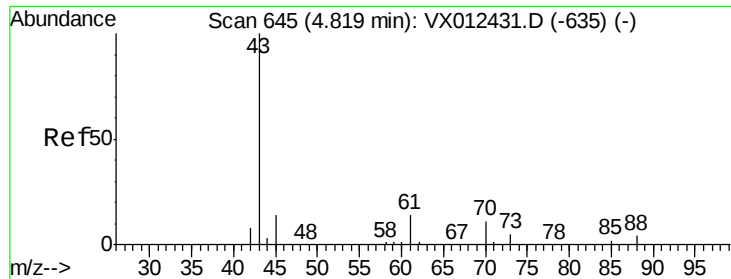


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

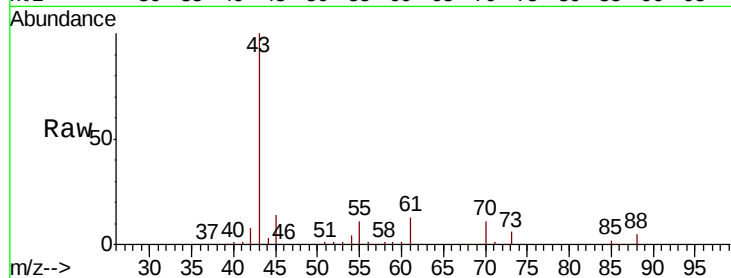




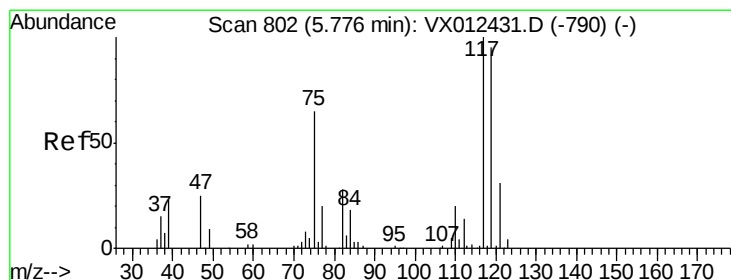
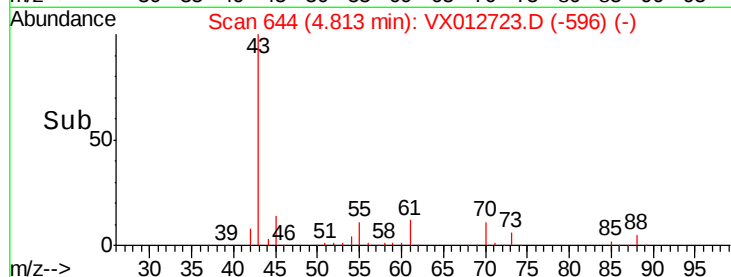
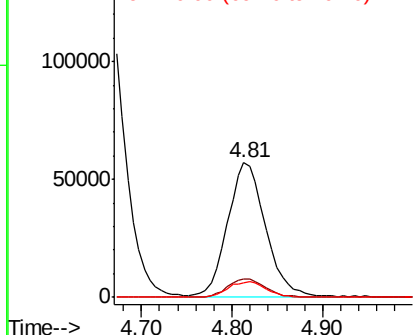
#37
Ethyl Acetate
Concen: 46.113 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 164407
Ion Ratio Lower Upper
43 100
61 14.1 10.2 15.4
70 12.0 8.7 13.1

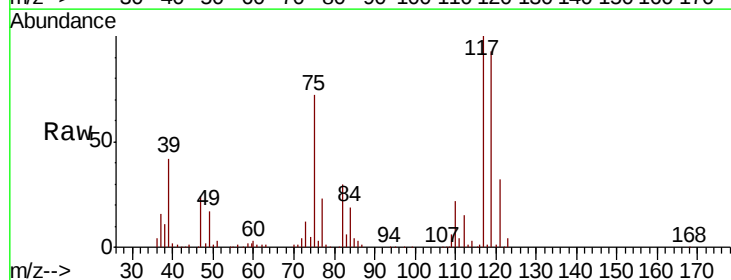


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

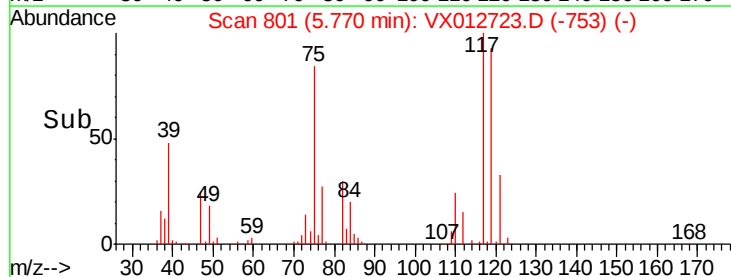
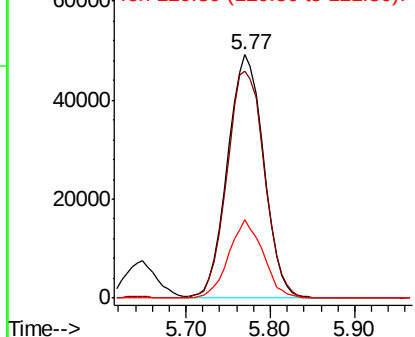


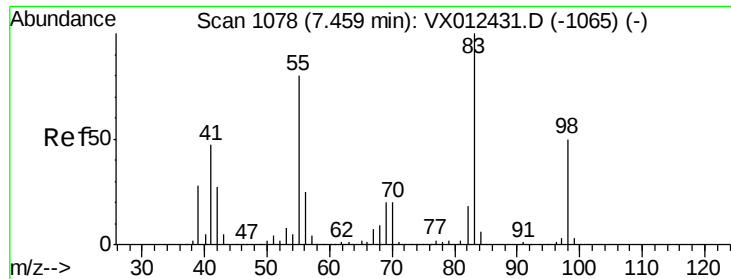
#38
Carbon Tetrachloride
Concen: 46.300 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 117 Resp: 143433
Ion Ratio Lower Upper
117 100
119 93.3 75.7 113.5
121 32.4 24.2 36.4



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

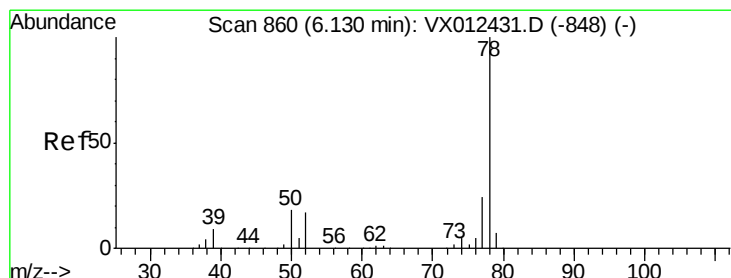
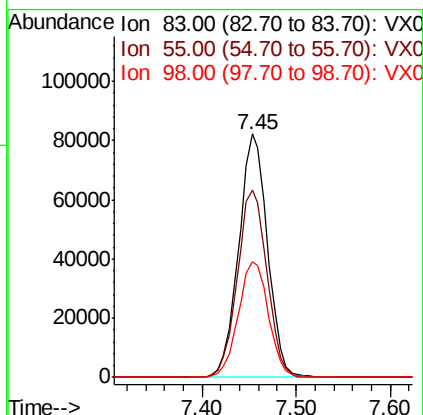
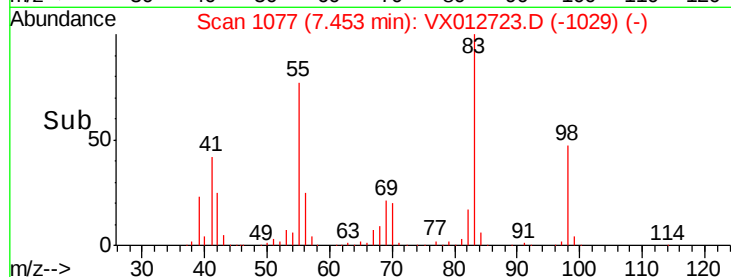
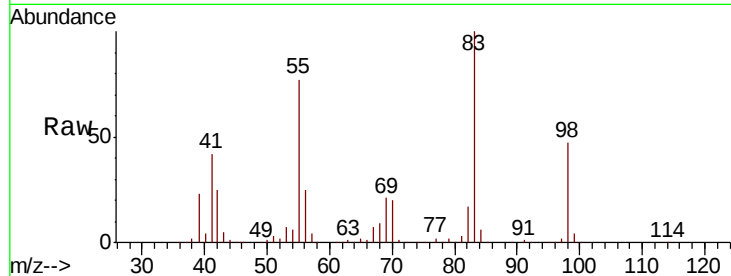




#39
Methvlcvclohexane
Concen: 47.443 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

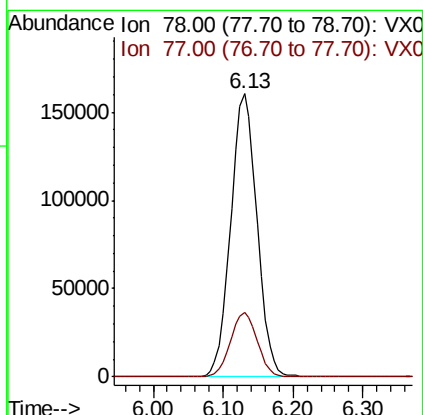
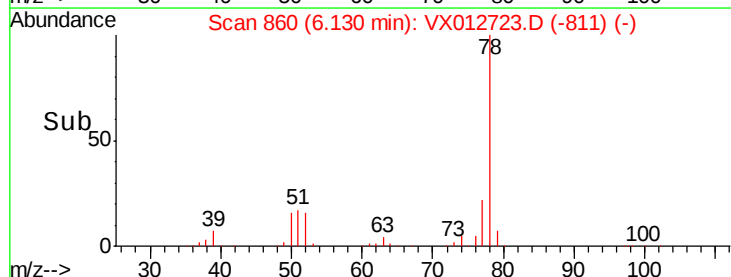
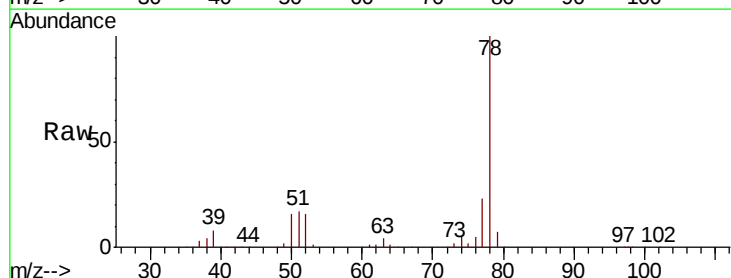
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

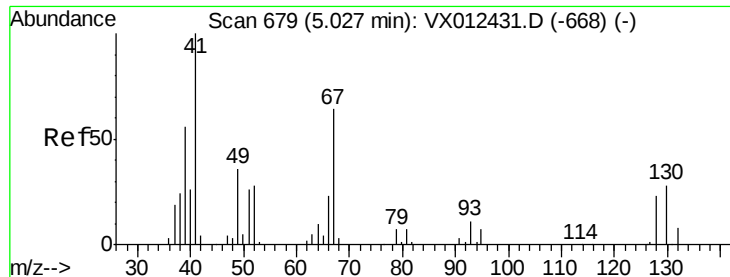
Tot Ion: 83 Resp: 174182
Ion Ratio Lower Upper
83 100
55 77.1 64.4 96.6
98 47.4 40.1 60.1



#40
Benzene
Concen: 46.770 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 78 Resp: 419664
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8

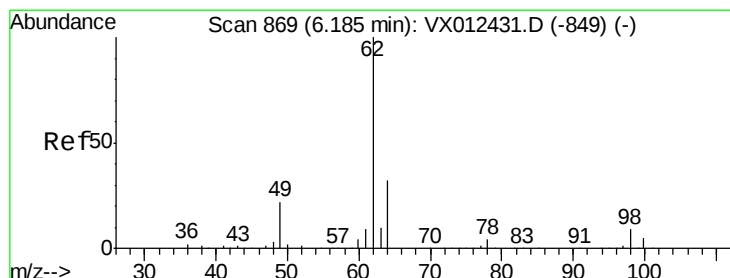
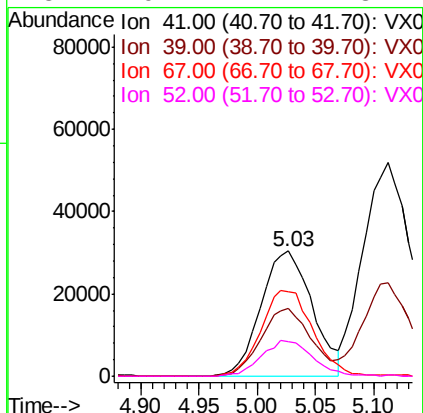
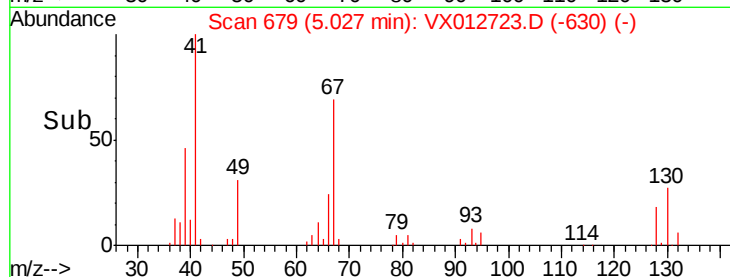
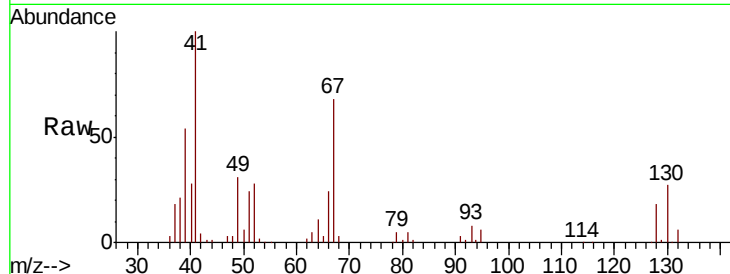




#41
Methacrylonitrile
Concen: 46.541 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

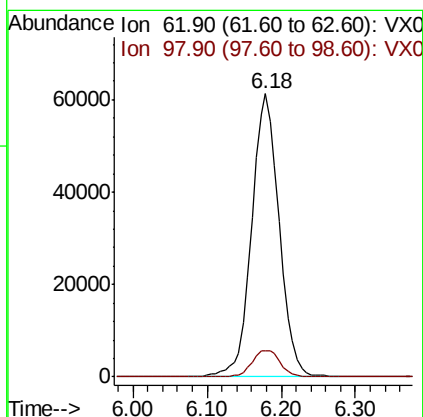
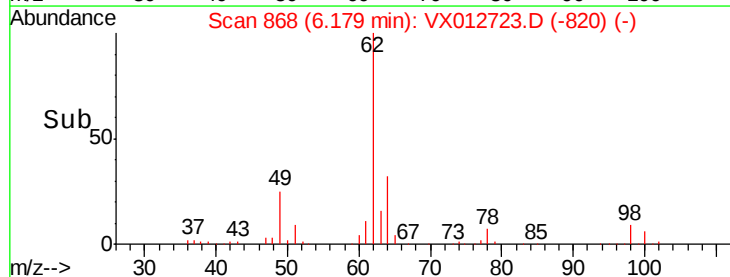
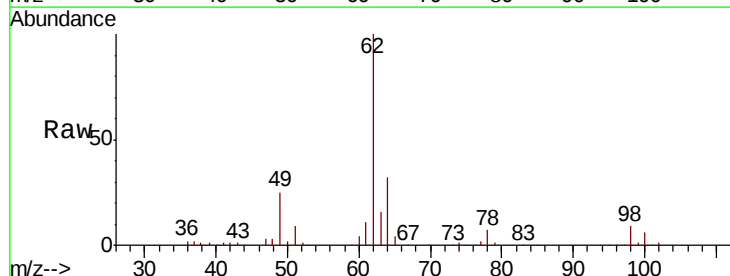
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

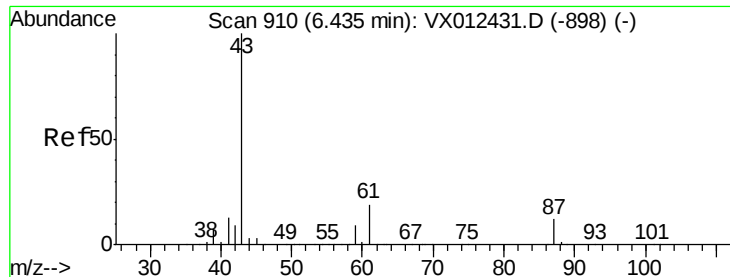
Tot Ion:	41	Resp:	93101
Ion	Ratio	Lower	Upper
41	100		
39	52.2	46.0	69.0
67	69.6	52.2	78.2
52	29.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 46.654 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:	62	Resp:	158967
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



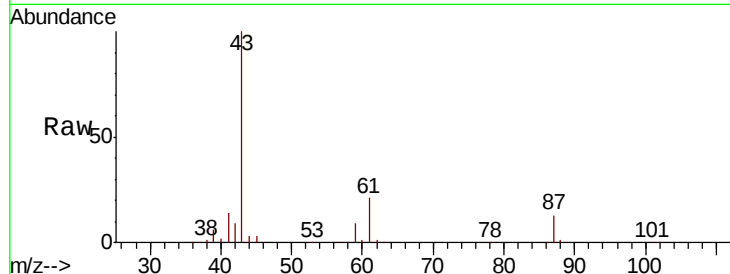


#43

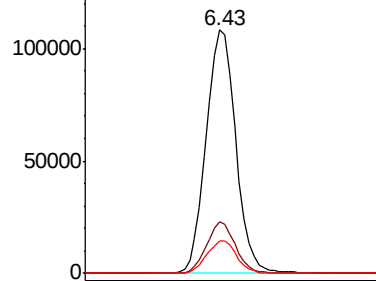
Isopropyl Acetate
 Concen: 45.639 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

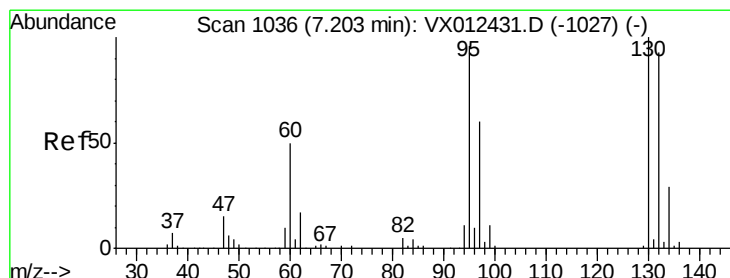
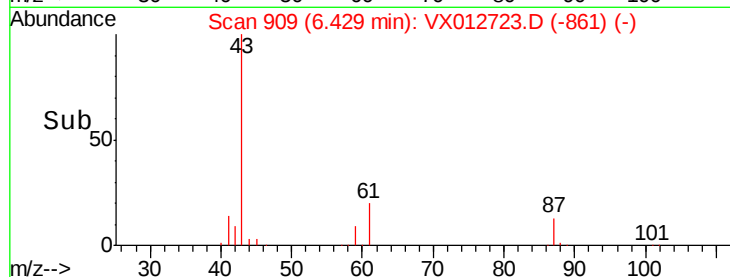
Tot Ion: 43 Resp: 272116
 Ion Ratio Lower Upper
 43 100
 61 20.4 15.4 23.0
 87 13.4 9.8 14.8



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



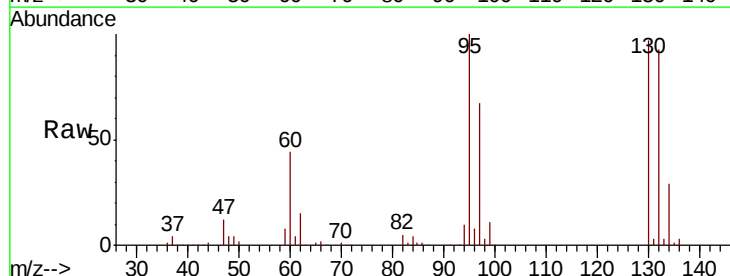
Time-->



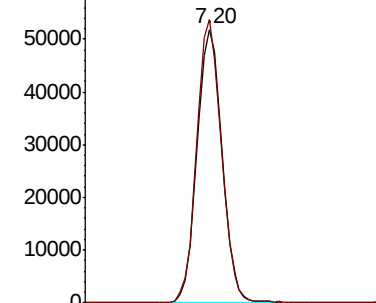
#44

Trichloroethene
 Concen: 47.958 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

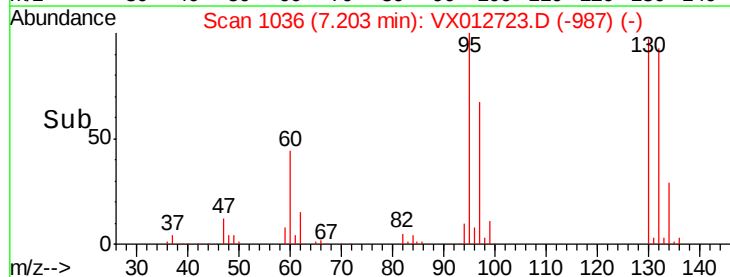
Tgt Ion:130 Resp: 110010
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 193.0



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



Time-->

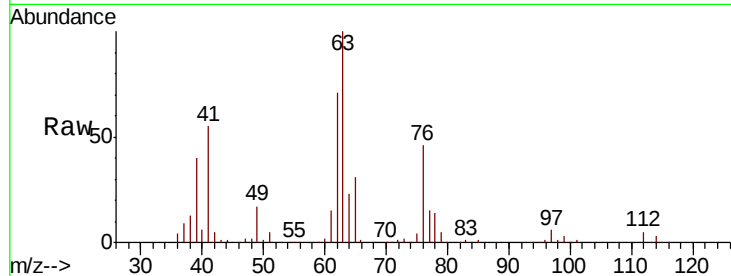




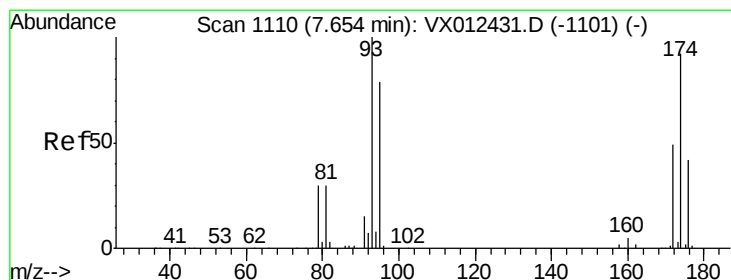
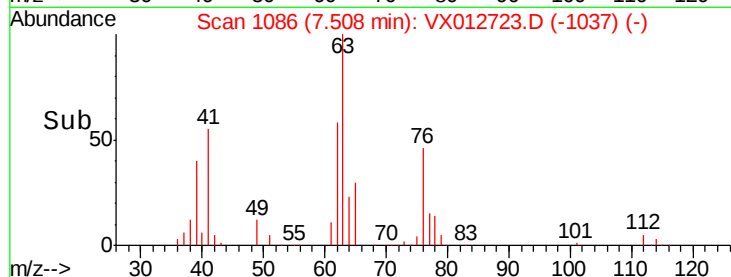
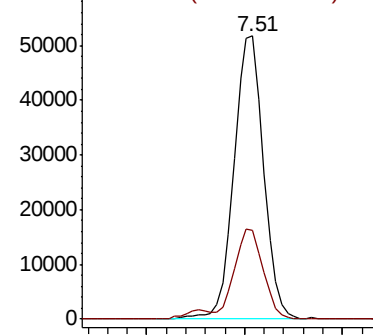
#45
 1,2-Dichloropropane
 Concen: 47.431 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108961
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6

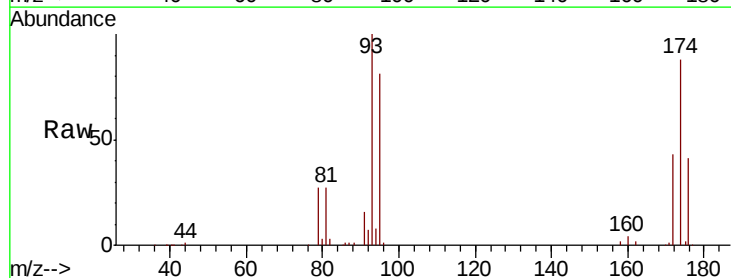


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

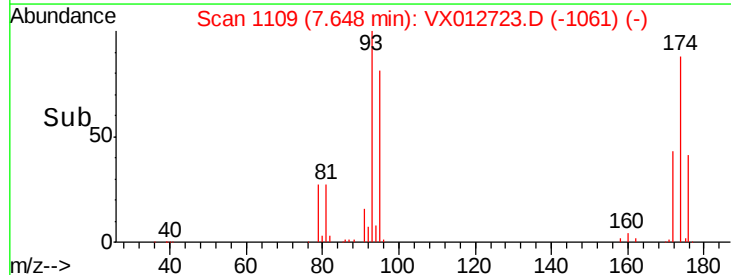
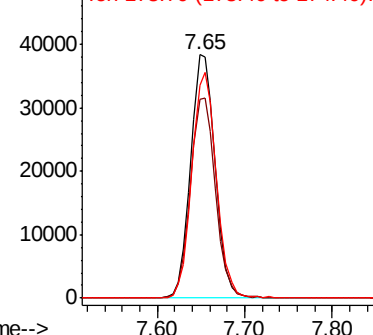


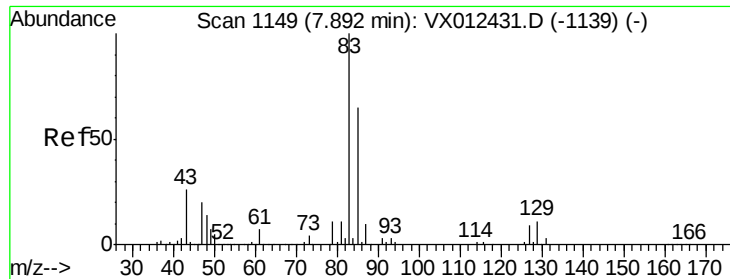
#46
 Dibromomethane
 Concen: 47.655 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 93 Resp: 74538
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 92.3 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: 47.758 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

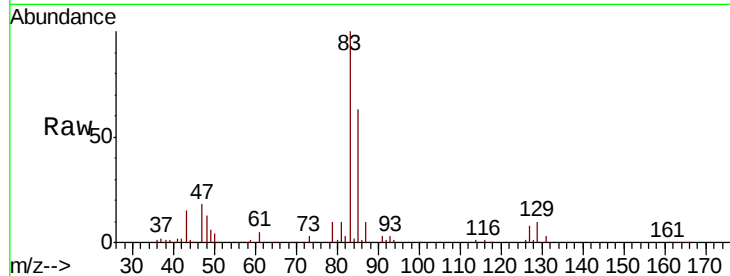
Tot Ion: 83 Resp: 149293

Ion Ratio Lower Upper

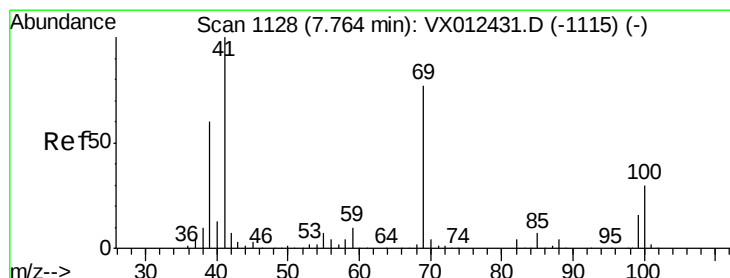
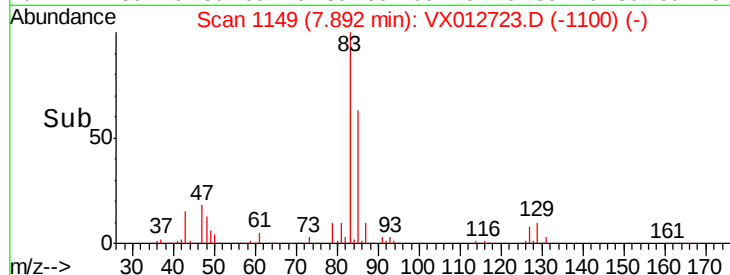
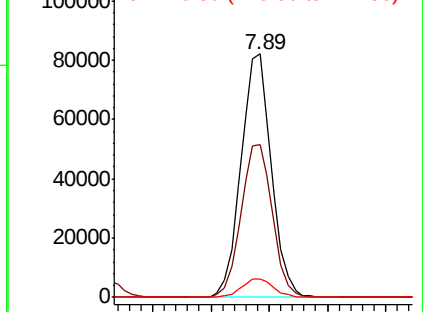
83 100

85 62.5 51.8 77.6

127 7.5 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: 46.241 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

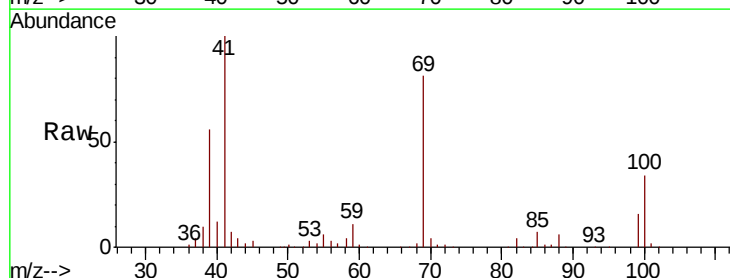
Tgt Ion: 41 Resp: 132201

Ion Ratio Lower Upper

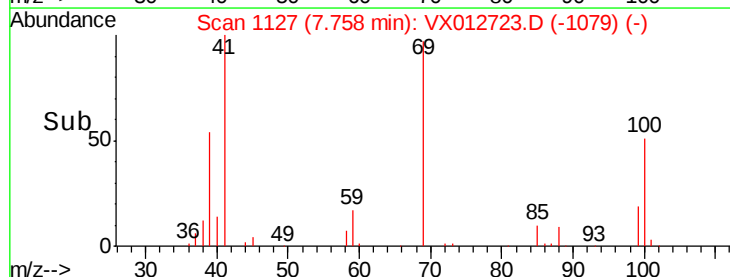
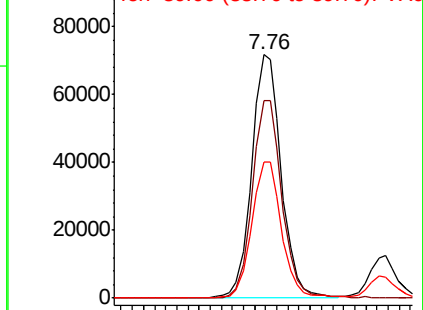
41 100

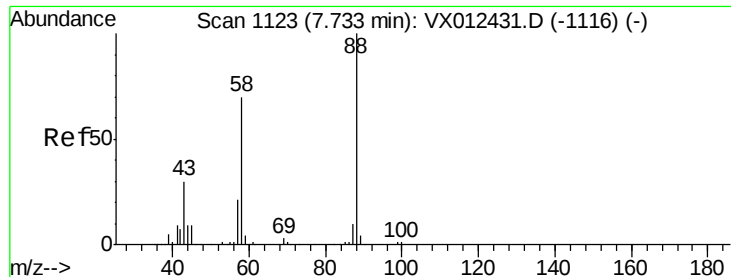
69 81.6 59.9 89.9

39 56.6 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: 949.995 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

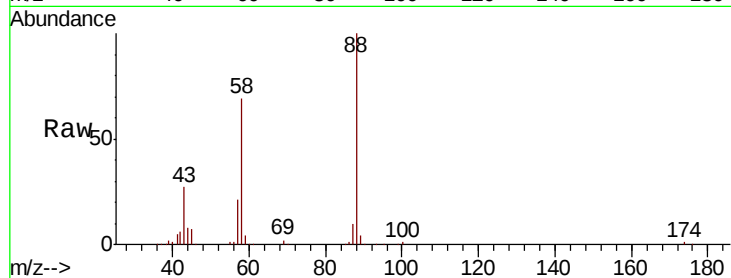
Tot Ion: 88 Resp: 61603

Ion Ratio Lower Upper

88 100

43 33.0 29.4 44.0

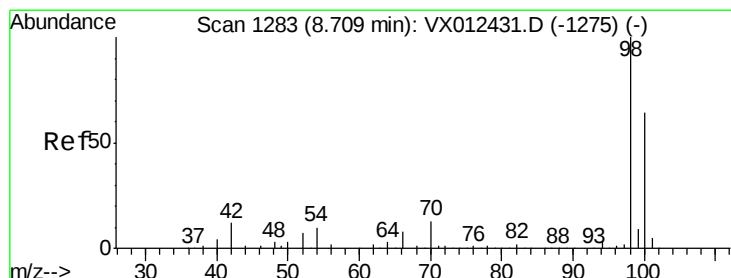
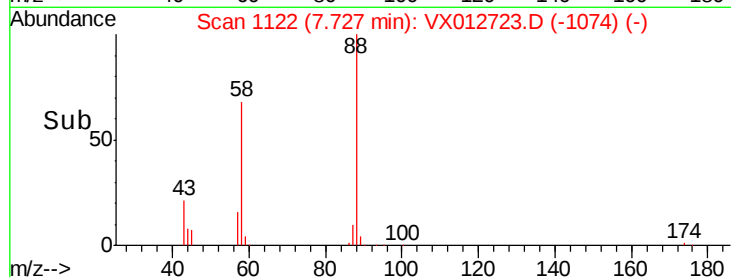
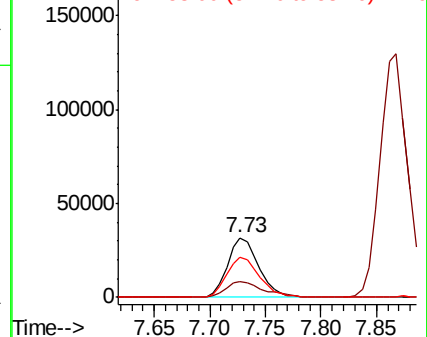
58 71.4 57.5 86.3



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: 48.213 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012723.D

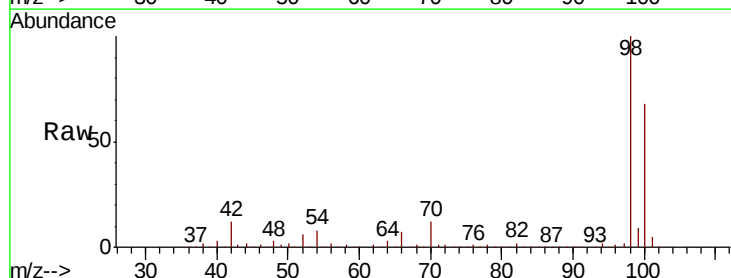
Acq: 01 Oct 2019 10:31

Tgt Ion: 98 Resp: 349844

Ion Ratio Lower Upper

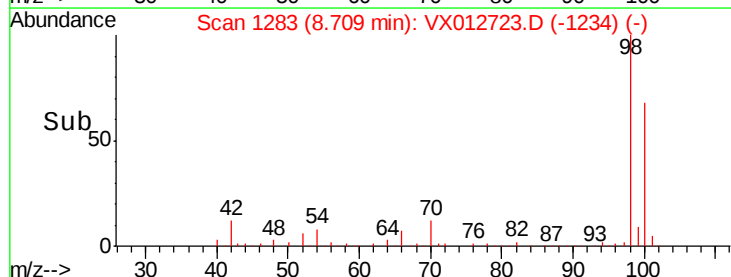
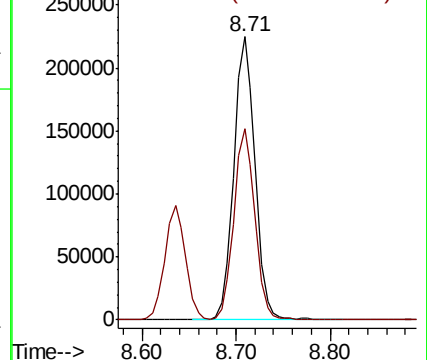
98 100

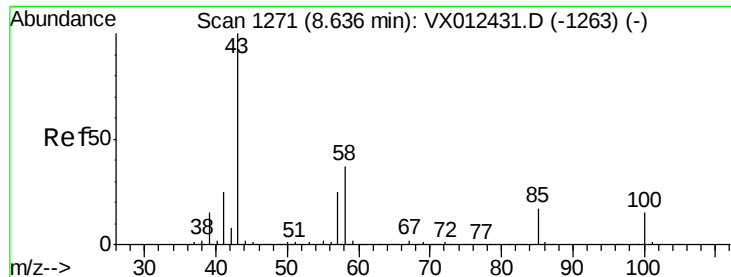
100 66.8 53.4 80.2



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: 228.645 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

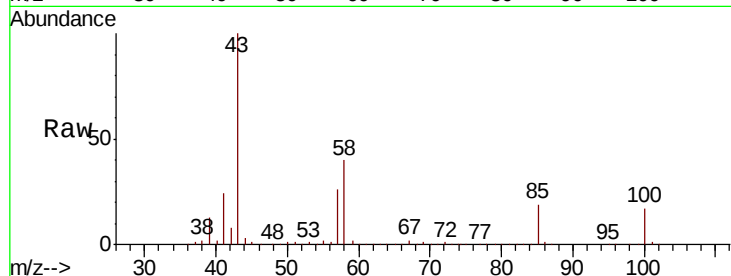
VSTDCCC050

Tot Ion: 43 Resp: 841522

Ion Ratio Lower Upper

43 100

58 39.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

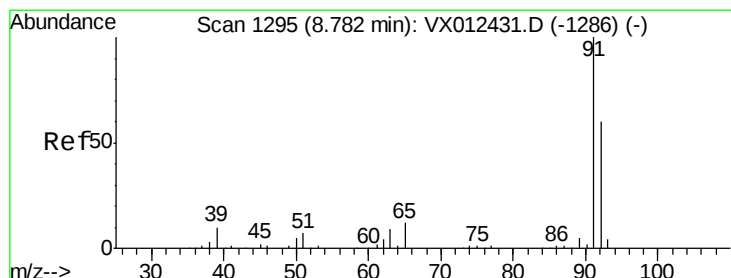
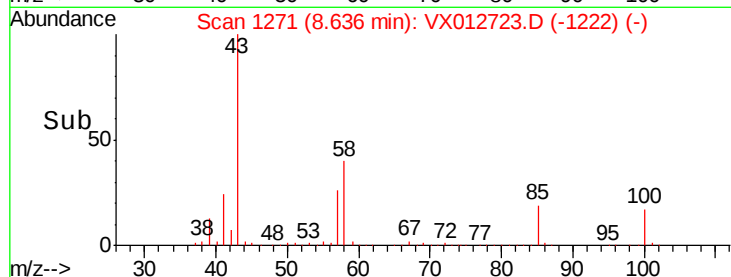
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.094 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012723.D

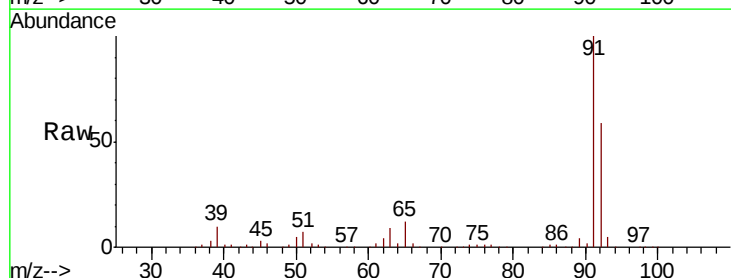
Acq: 01 Oct 2019 10:31

Tgt Ion: 92 Resp: 271229

Ion Ratio Lower Upper

92 100

91 164.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

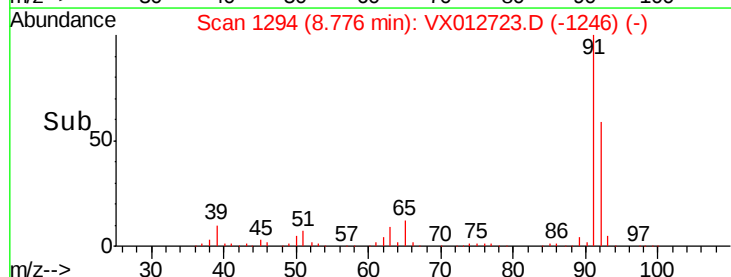
300000

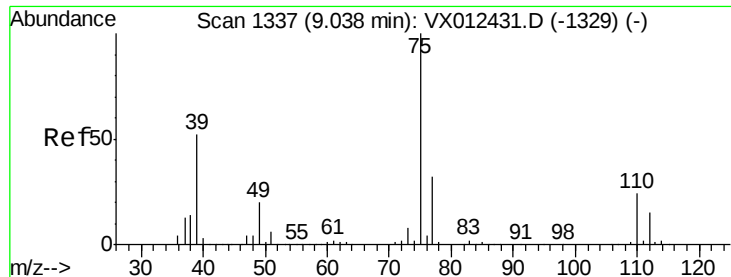
200000

100000

0

Time-->

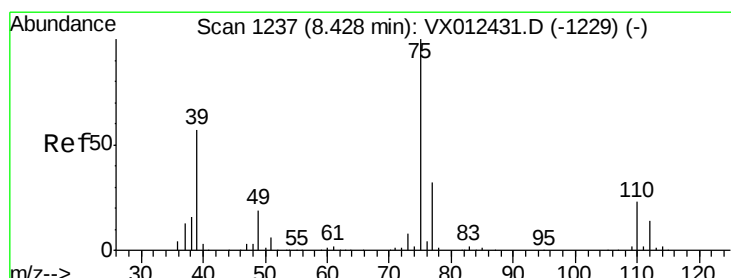
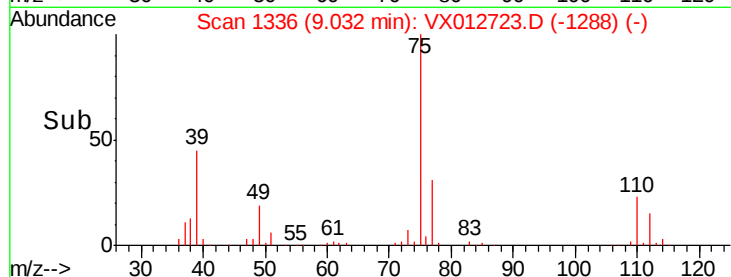
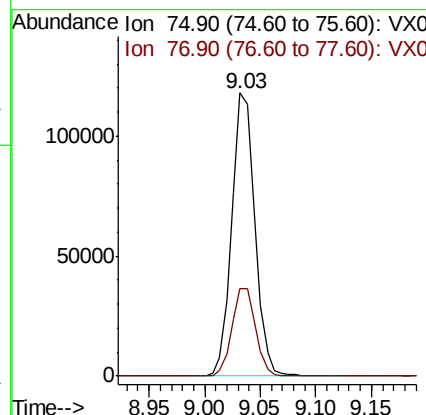
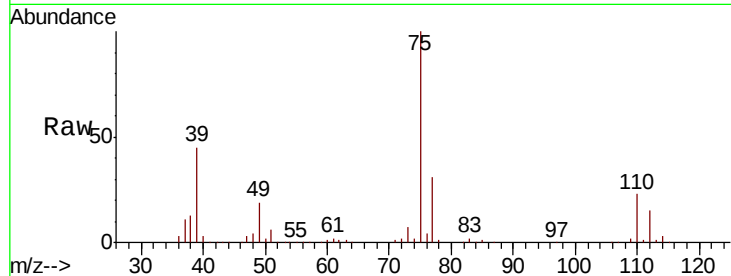




#53
 t-1,3-Dichloropropene
 Concen: 49.259 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

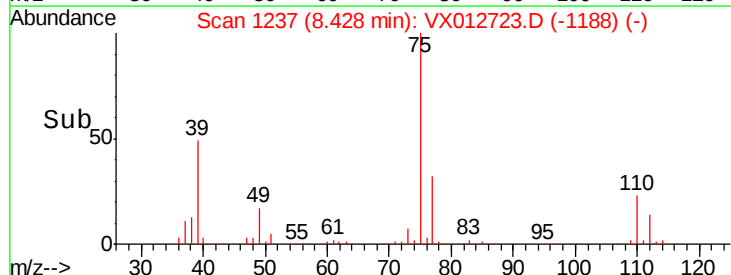
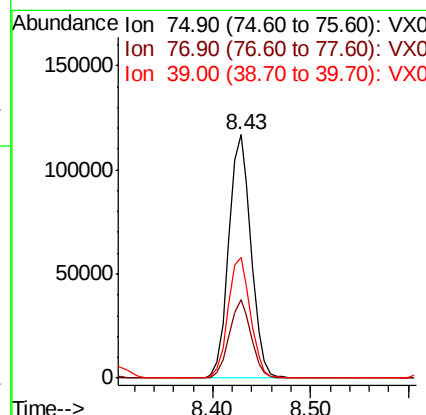
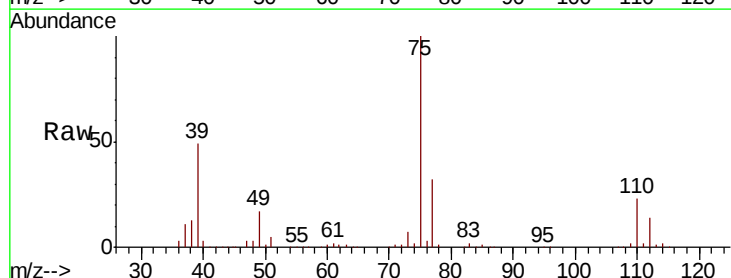
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

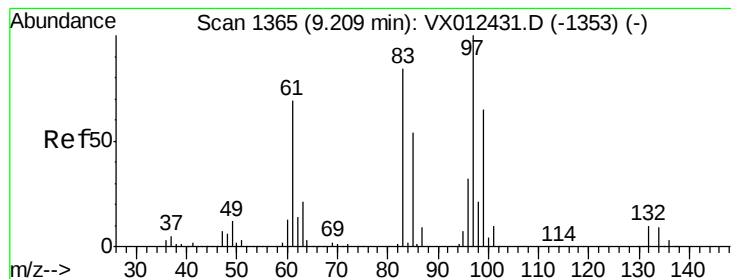
Tot Ion: 75 Resp: 170373
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.846 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 75 Resp: 184459
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 49.3 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 49.156 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 110213

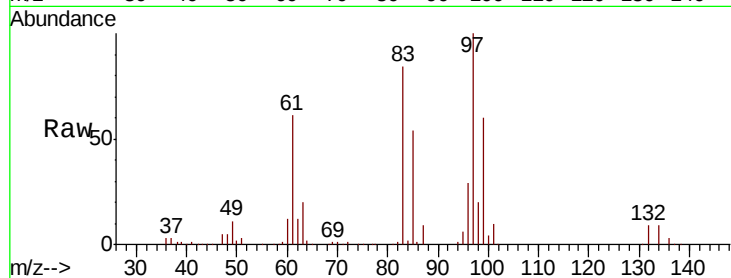
Ion Ratio Lower Upper

97 100

83 83.9 67.4 101.2

85 53.5 43.5 65.3

99 60.4 51.8 77.8



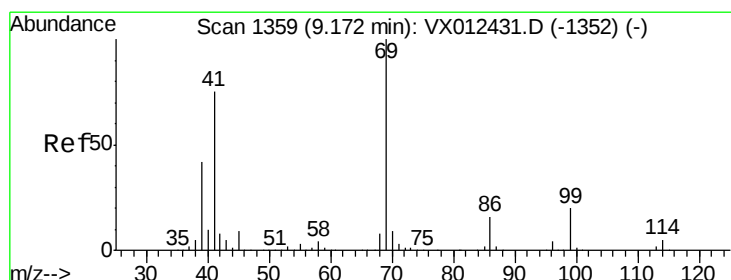
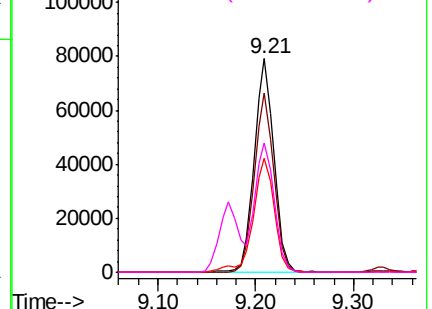
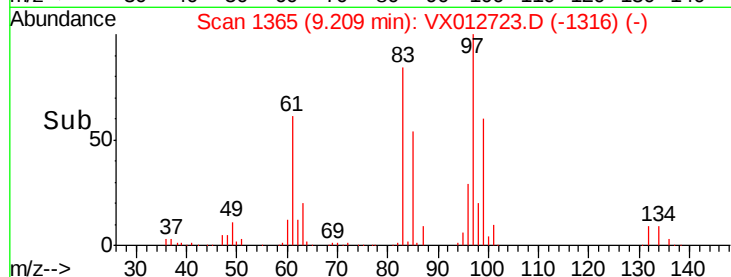
Abundance

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: 48.154 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

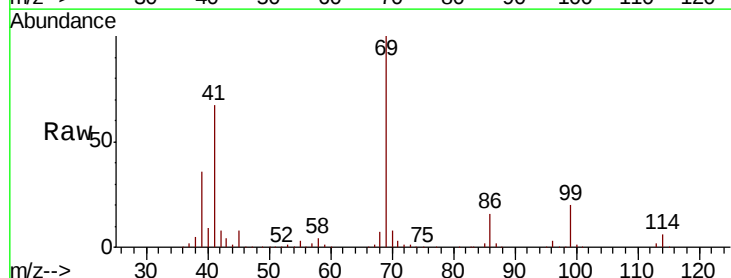
Tgt Ion: 69 Resp: 181384

Ion Ratio Lower Upper

69 100

41 67.3 58.4 87.6

39 36.0 33.4 50.0

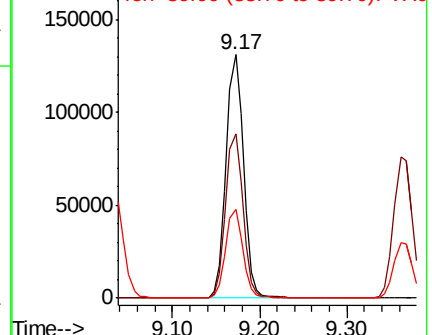
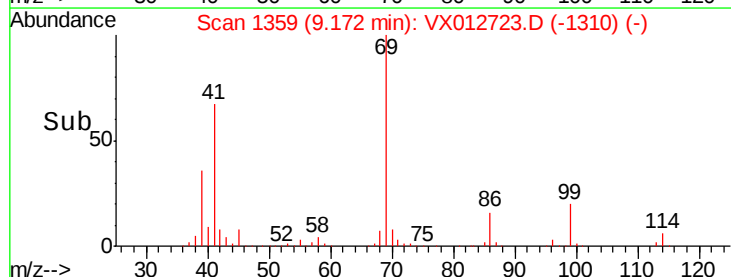


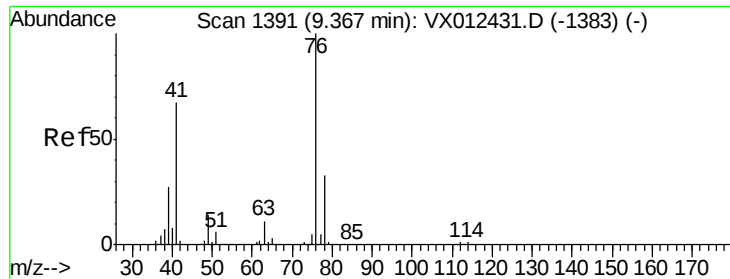
Abundance

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: 48.122 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

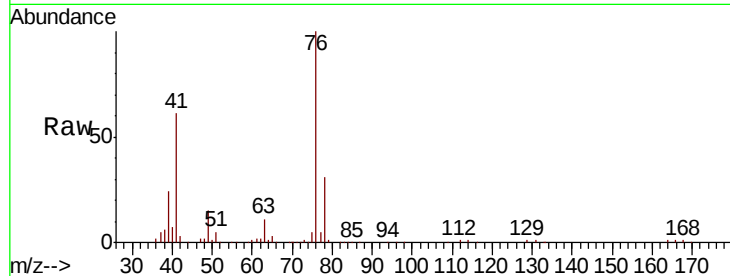
VSTDCCC050

Tot Ion: 76 Resp: 188834

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

150000

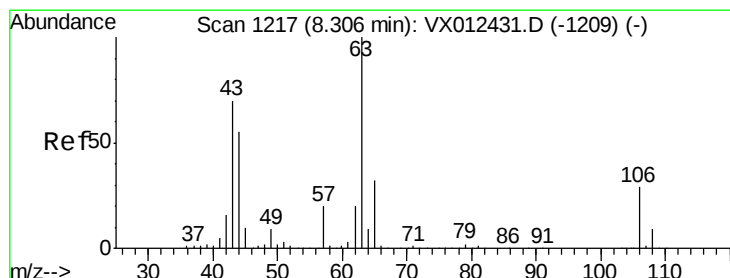
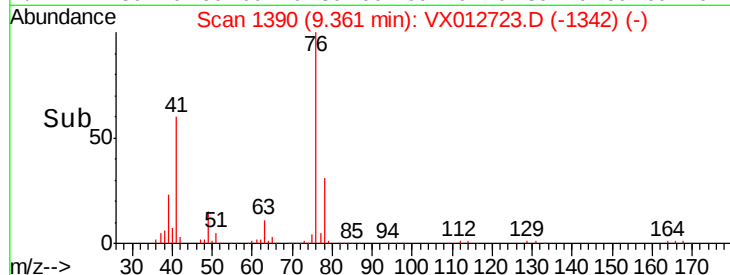
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.163 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012723.D

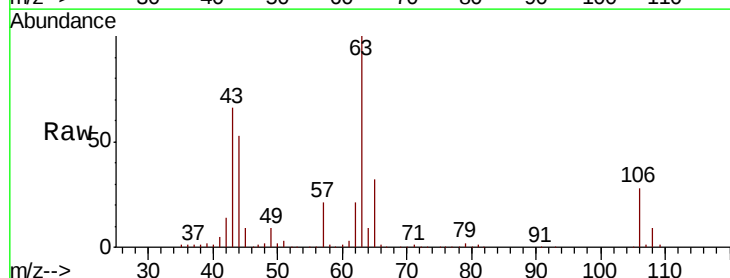
Acq: 01 Oct 2019 10:31

Tgt Ion: 63 Resp: 428049

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

250000

200000

150000

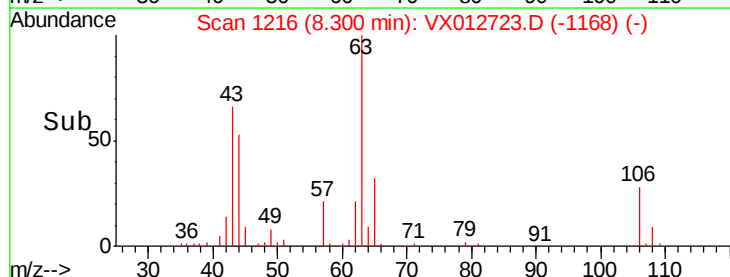
100000

50000

0

8.20 8.30 8.40

Time-->

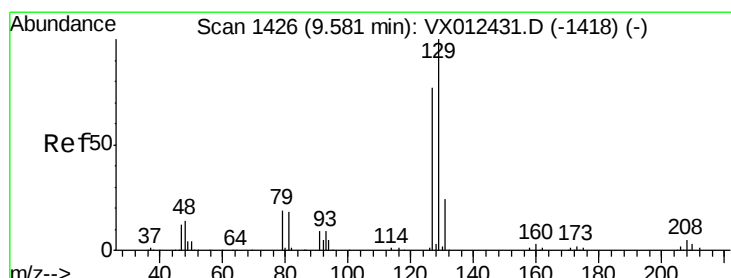
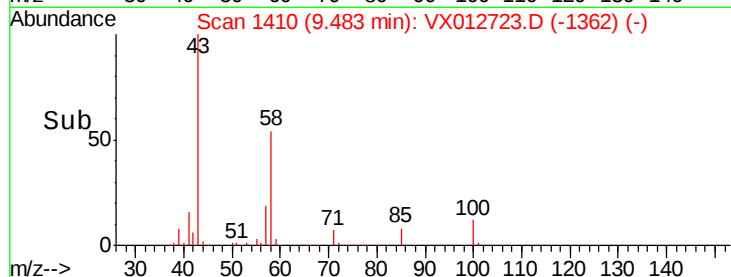
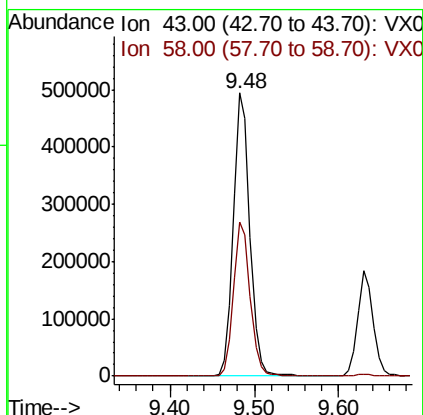
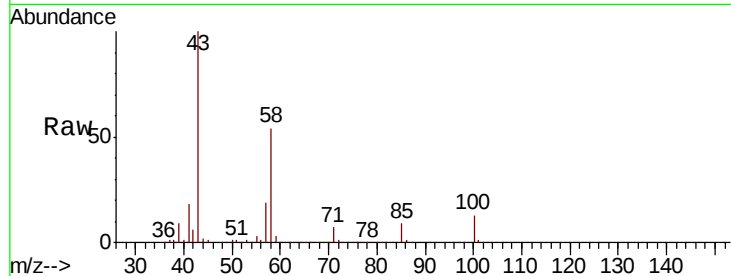




#59
2-Hexanone
Concen: 233.969 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

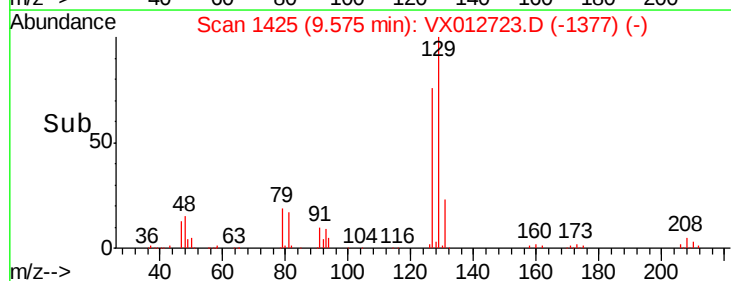
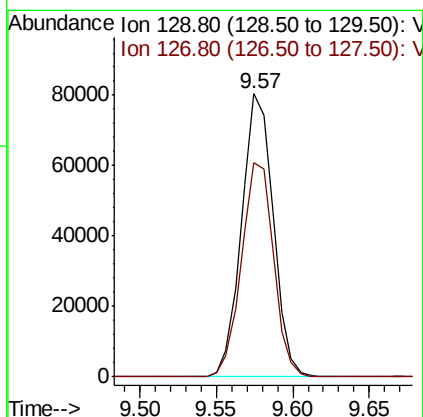
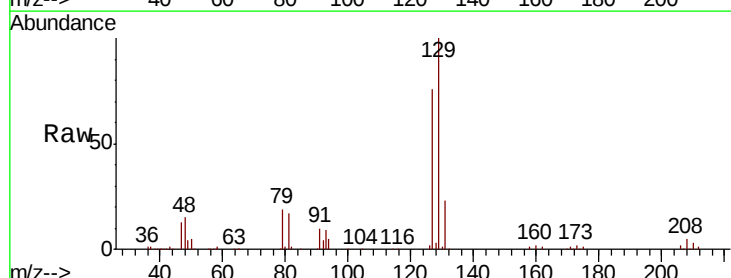
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

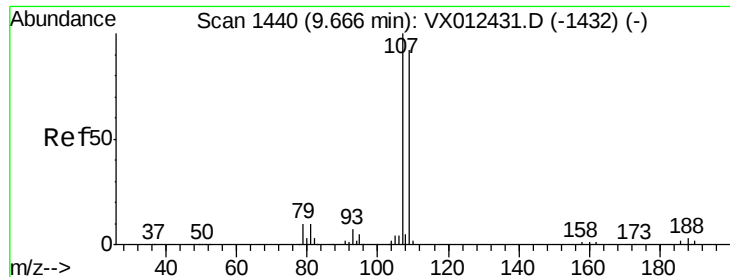
Tot Ion: 43 Resp: 659132
Ion Ratio Lower Upper
43 100
58 55.1 25.7 77.1



#60
Dibromochloromethane
Concen: 51.073 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 129 Resp: 115919
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.809 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

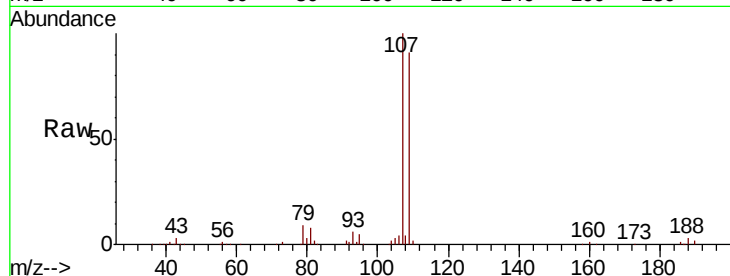
VSTDCCC050

Tot Ion: 107 Resp: 116226

Ion Ratio Lower Upper

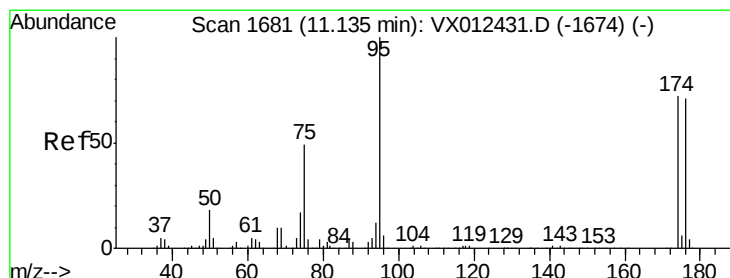
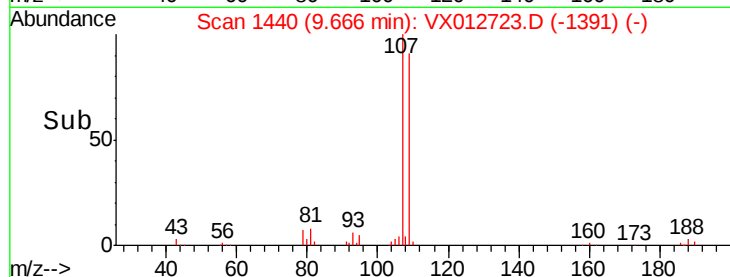
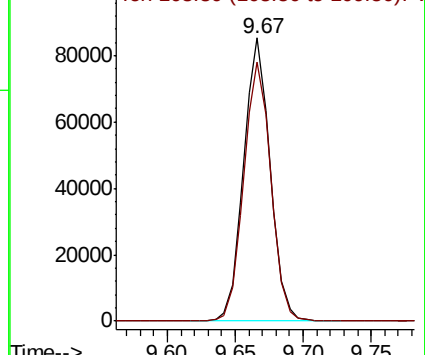
107 100

109 93.5 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: 49.469 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

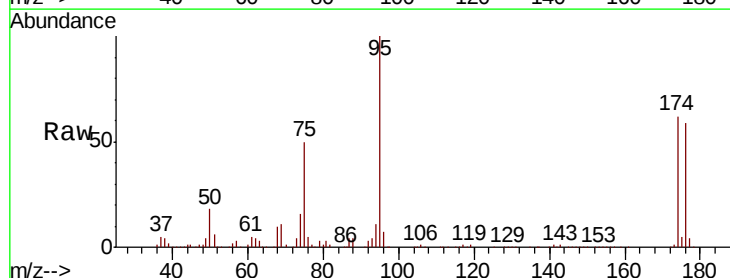
Tgt Ion: 95 Resp: 141144

Ion Ratio Lower Upper

95 100

174 69.2 0.0 140.0

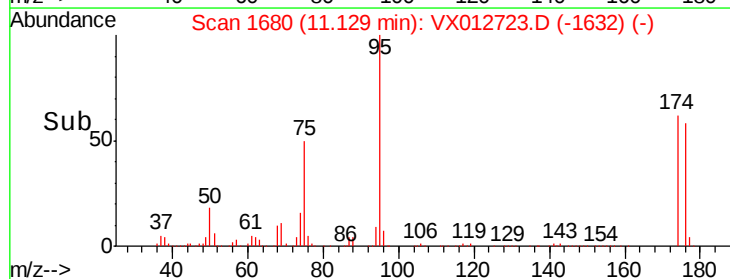
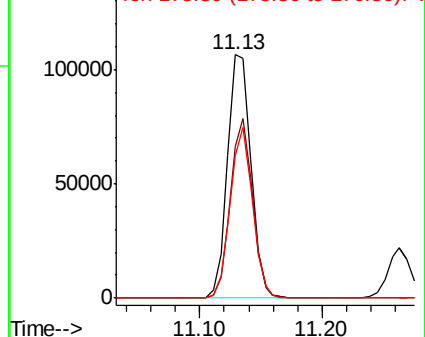
176 66.1 0.0 135.4

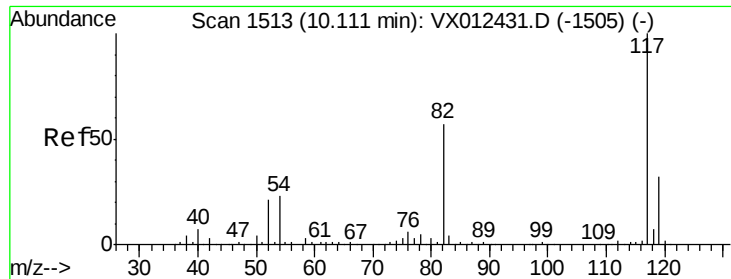


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

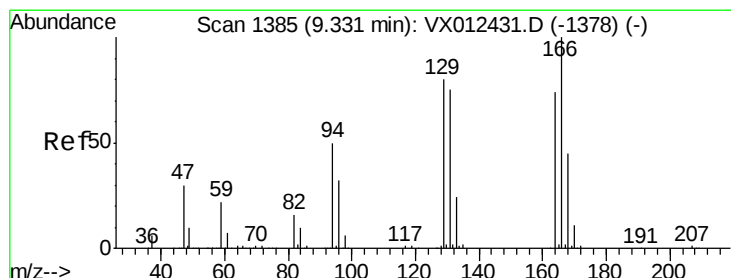
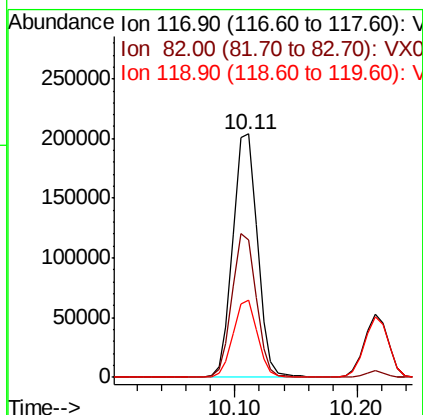
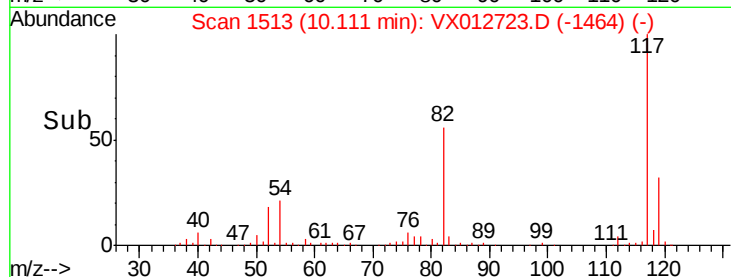
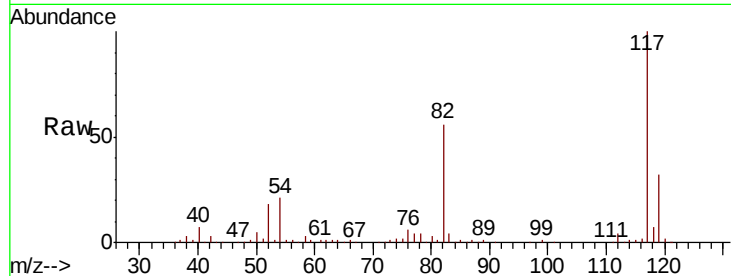




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

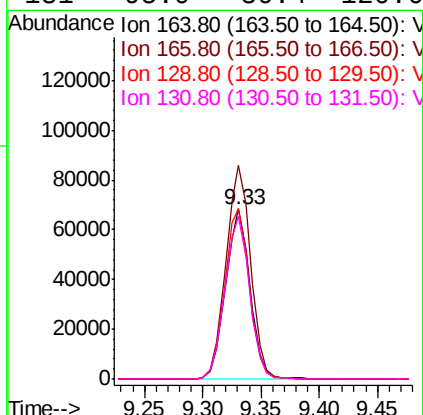
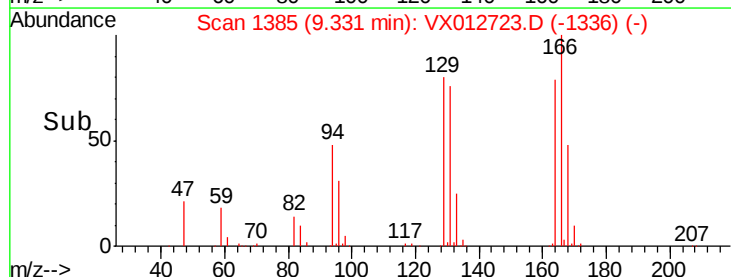
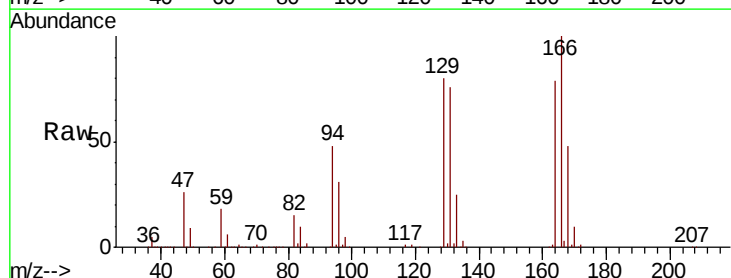
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

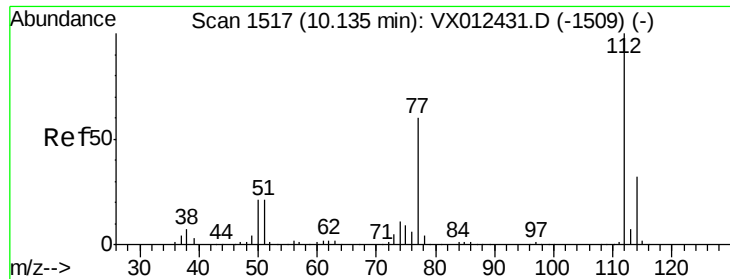
Tot Ion:117 Resp: 283522
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 49.860 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:164 Resp: 98561
Ion Ratio Lower Upper
164 100
166 125.9 107.8 161.6
129 100.3 86.2 129.2
131 95.9 80.4 120.6





#65

Chlorobenzene

Concen: 47.384 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

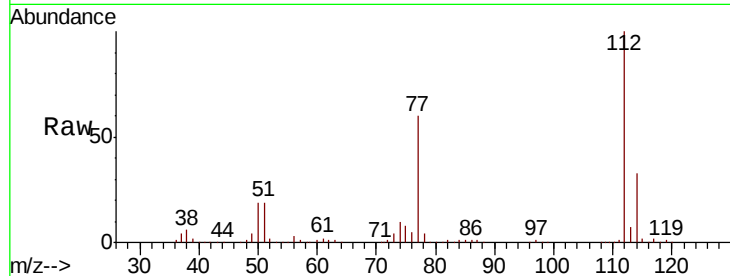
VSTDCCC050

Tot Ion:112 Resp: 282903

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

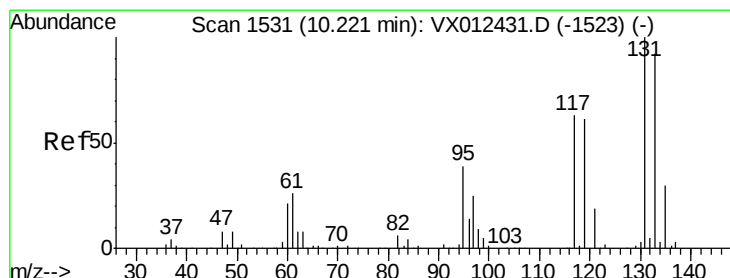
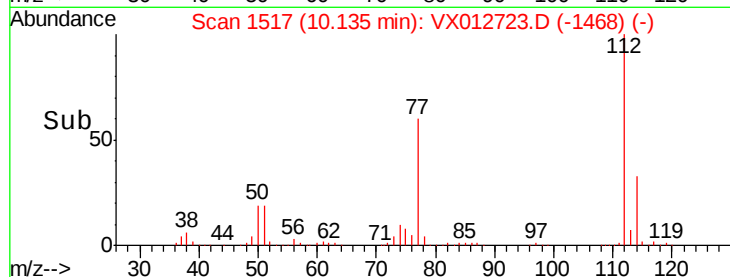
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 48.197 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

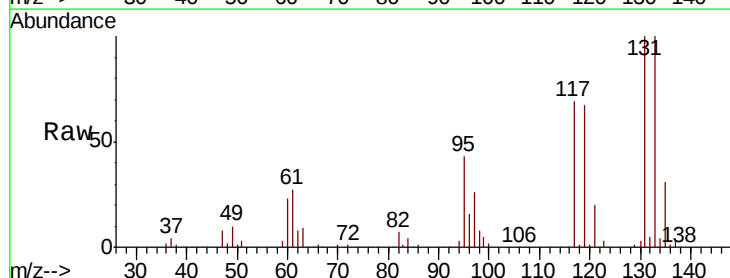
Tgt Ion:131 Resp: 104260

Ion Ratio Lower Upper

131 100

133 97.7 47.6 142.9

119 66.6 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

100000

80000

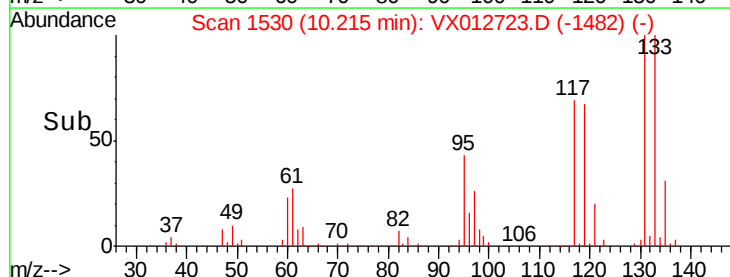
60000

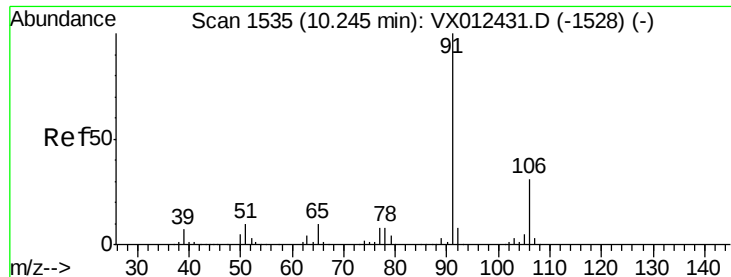
40000

20000

0

Time--> 10.15 10.20 10.25 10.30

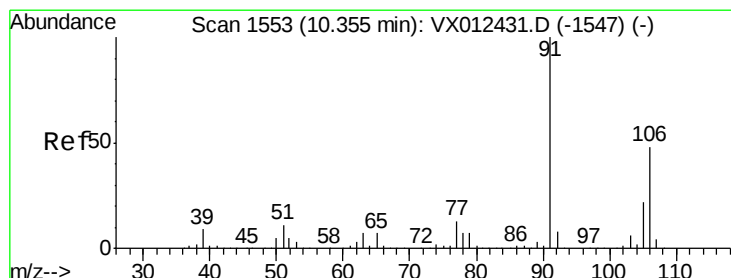
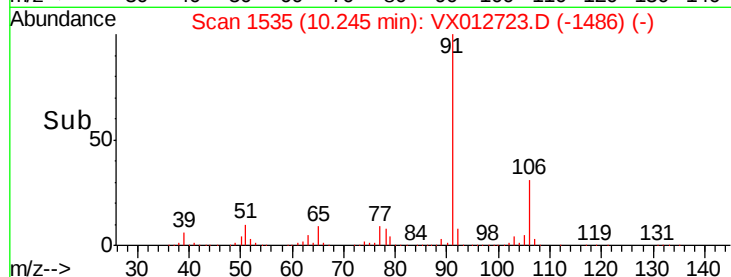
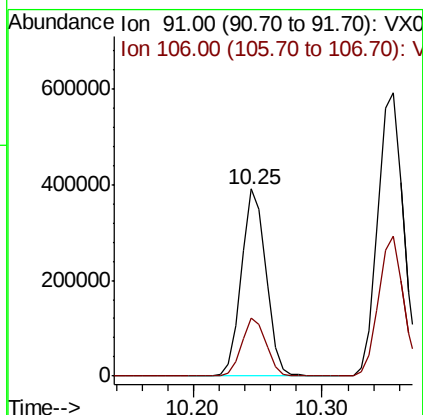
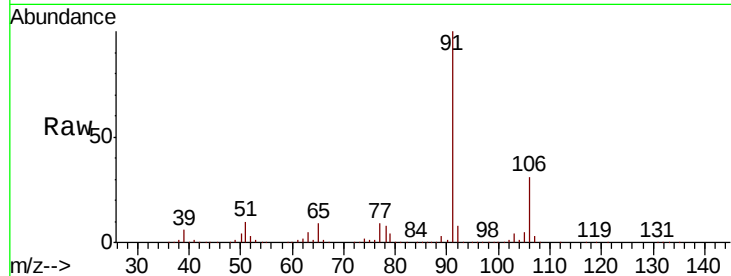




#67
Ethyl Benzene
Concen: 47.680 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

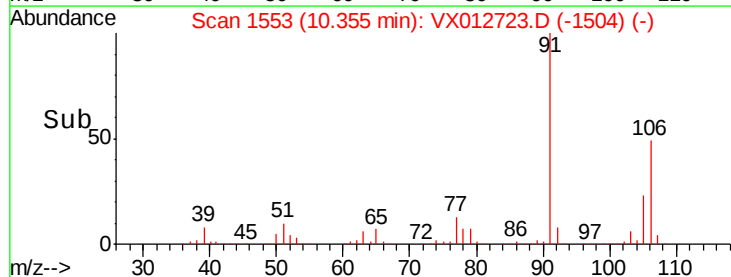
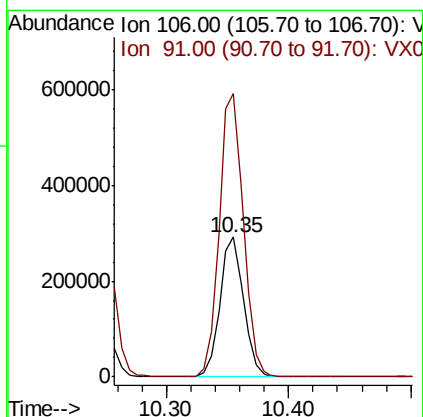
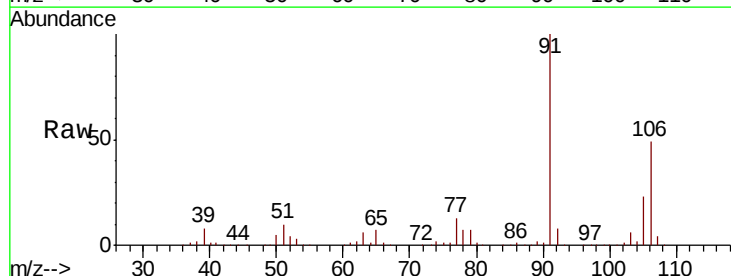
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

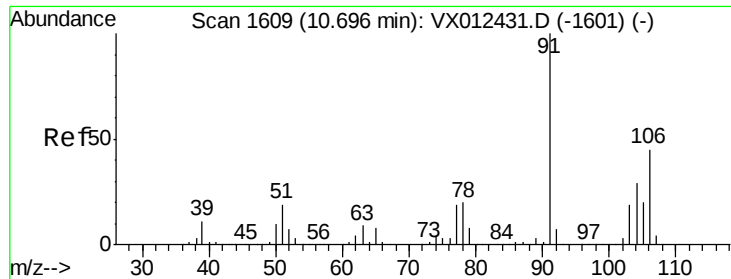
Tot Ion: 91 Resp: 516311
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 96.571 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 106 Resp: 391735
Ion Ratio Lower Upper
106 100
91 206.9 166.6 250.0

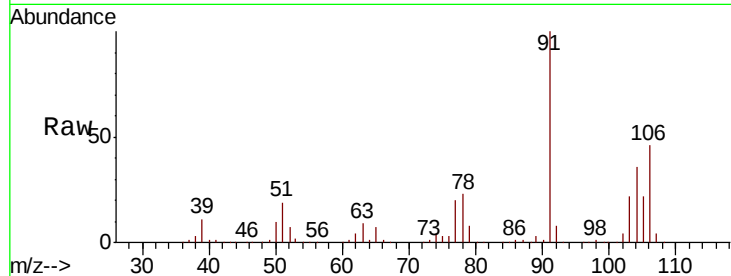




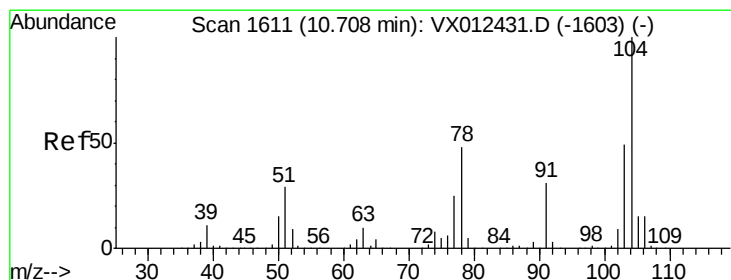
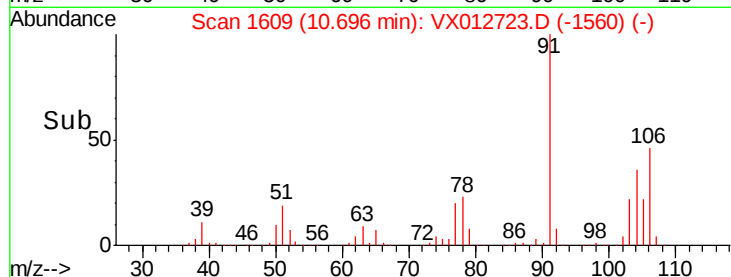
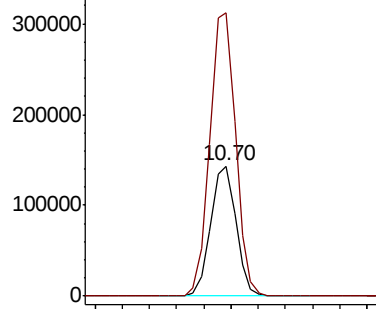
#69
o-Xylene
Concen: 47.680 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 187151
Ion Ratio Lower Upper
106 100
91 220.6 109.4 328.2

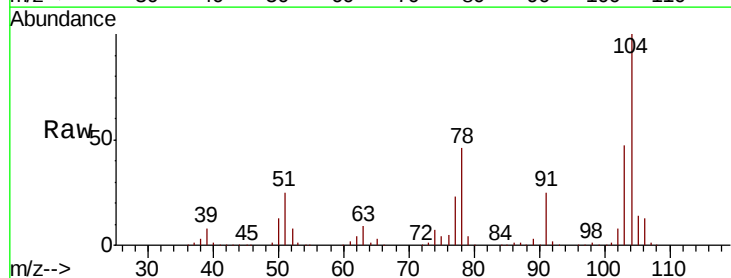


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

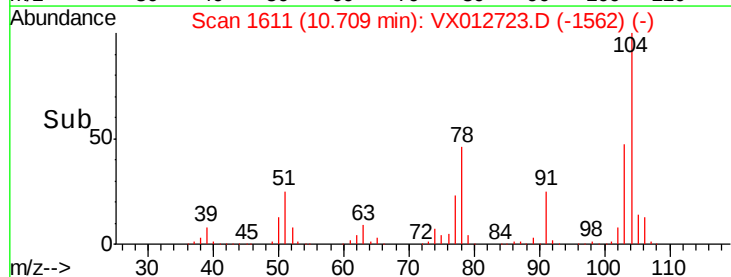
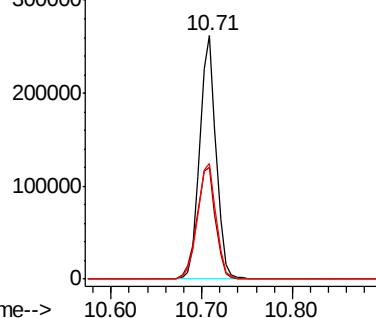


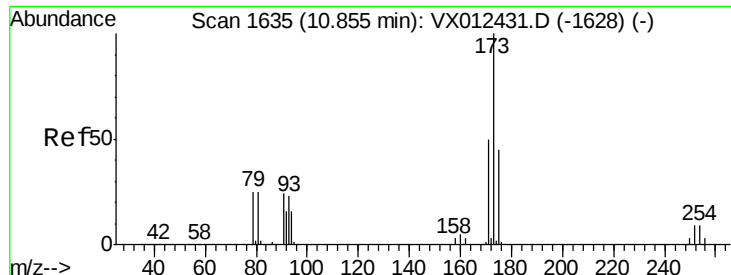
#70
Styrene
Concen: 49.816 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:104 Resp: 327793
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.7 43.3 64.9



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





#71

Bromoform

Concen: 51.426 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

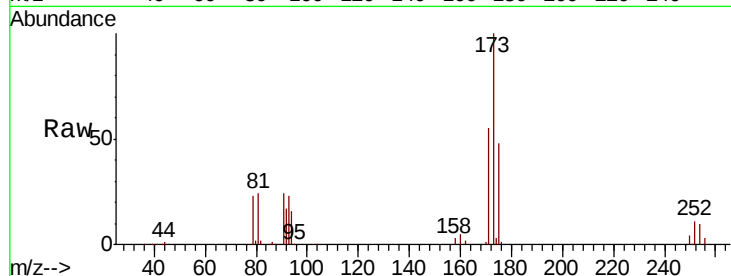
Tot Ion:173 Resp: 77461

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

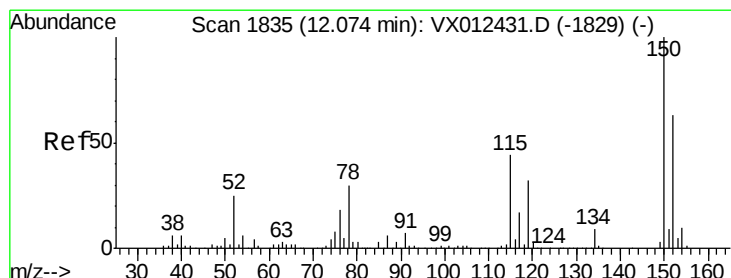
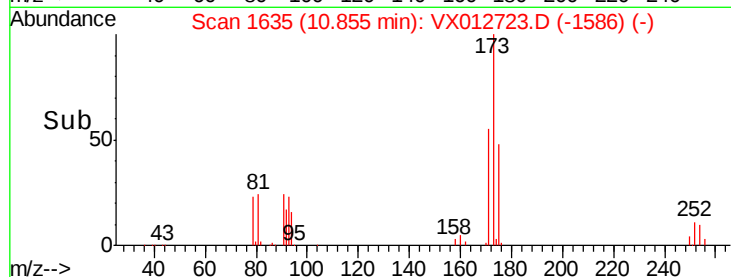
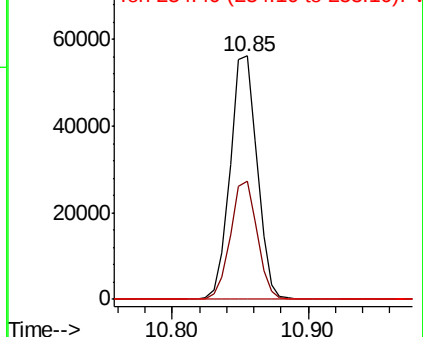
254 0.1 0.1 0.1#



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: VX012723.D

Acq: 01 Oct 2019 10:31

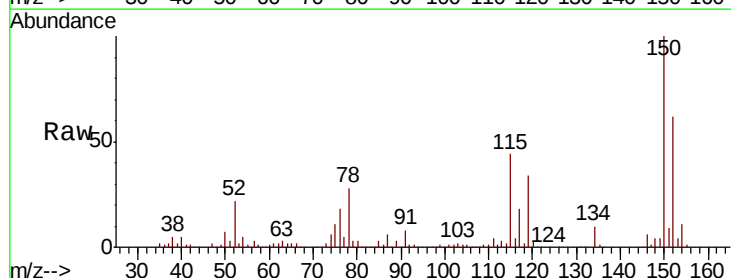
Tgt Ion:152 Resp: 134308

Ion Ratio Lower Upper

152 100

115 90.7 44.1 132.3

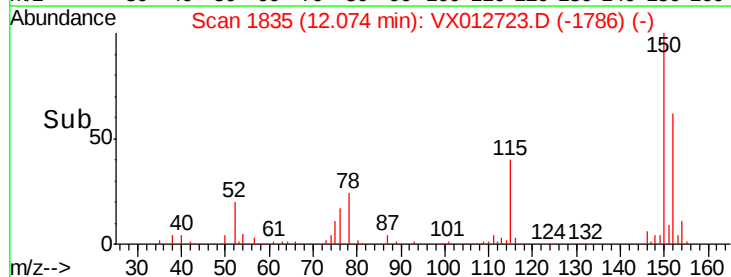
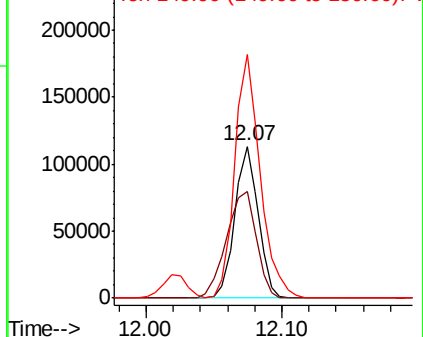
150 176.2 0.0 343.8



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

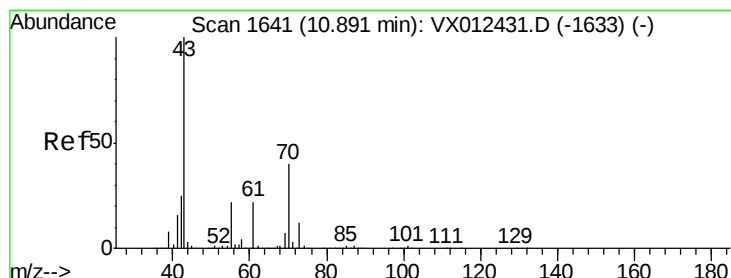
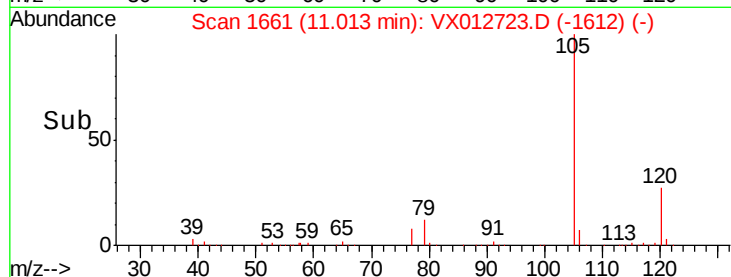
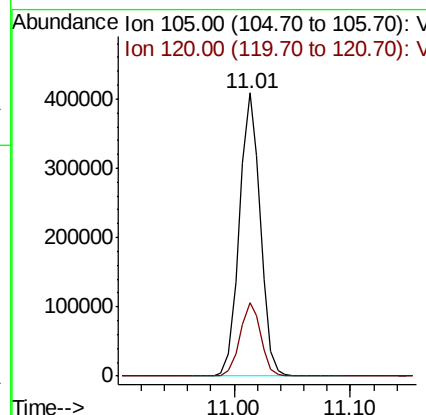
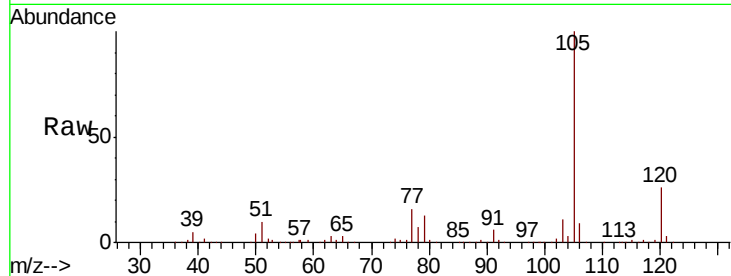




#73
Isopropylbenzene
Concen: 46.568 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

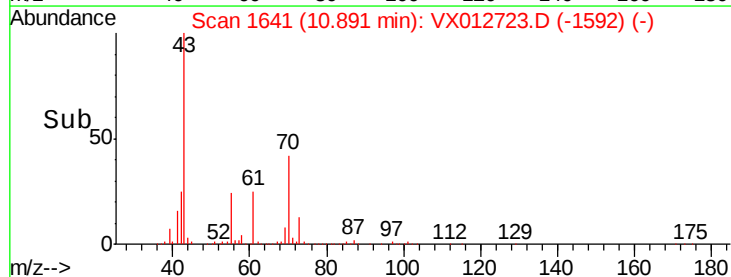
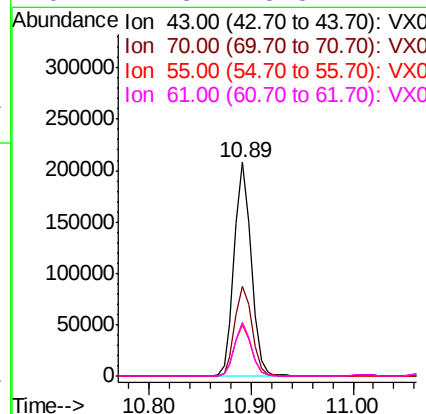
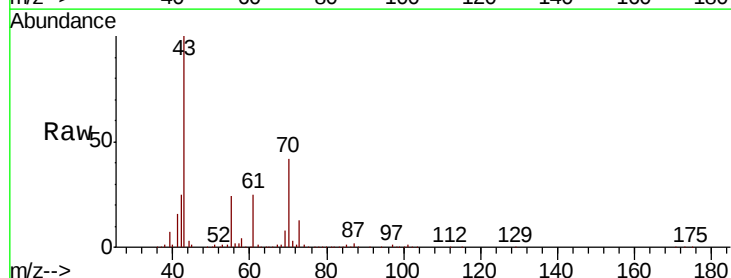
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 509405
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 45.725 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion: 43 Resp: 238621
Ion Ratio Lower Upper
43 100
70 43.0 32.4 48.6
55 24.2 18.2 27.4
61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.742 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

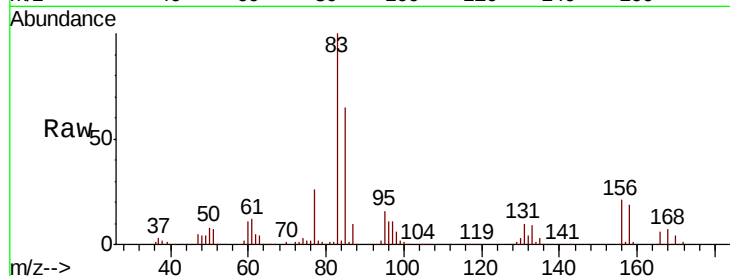
Tot Ion: 83 Resp: 169339

Ion Ratio Lower Upper

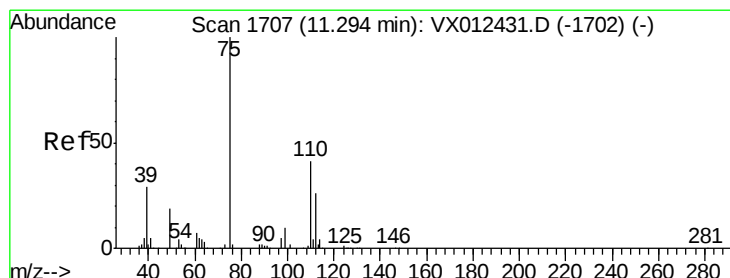
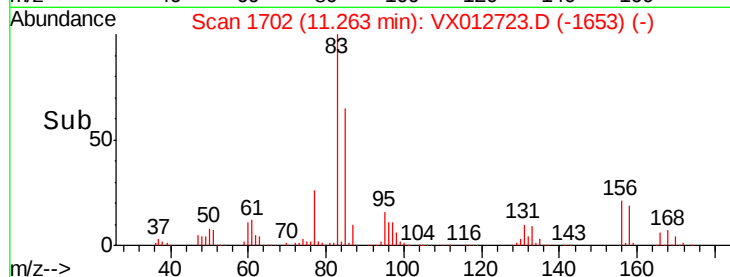
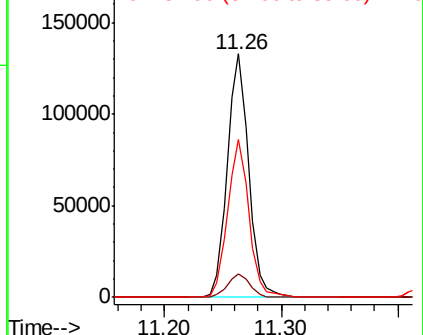
83 100

131 9.9 5.2 15.6

85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.049 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012723.D

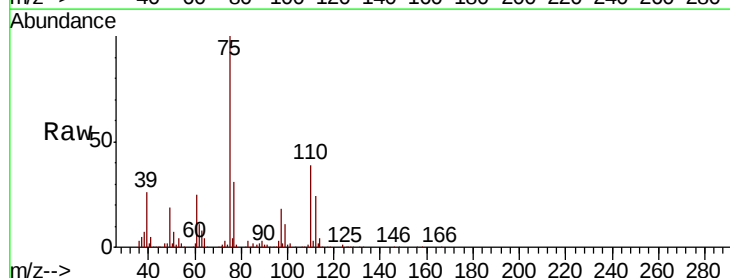
Acq: 01 Oct 2019 10:31

Tgt Ion: 75 Resp: 202683

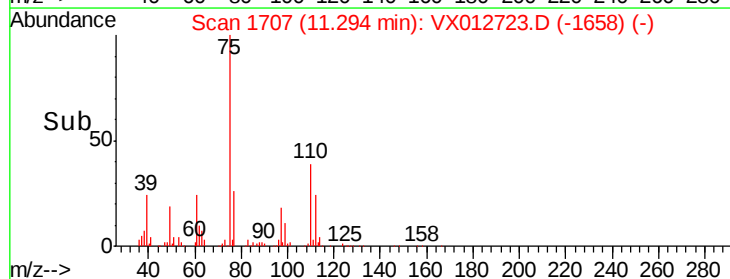
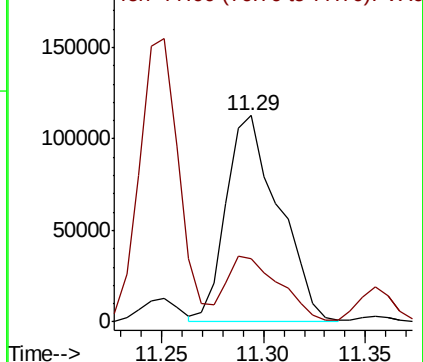
Ion Ratio Lower Upper

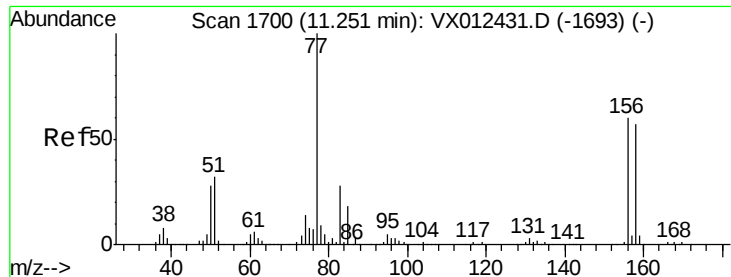
75 100

77 31.1 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: 47.197 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

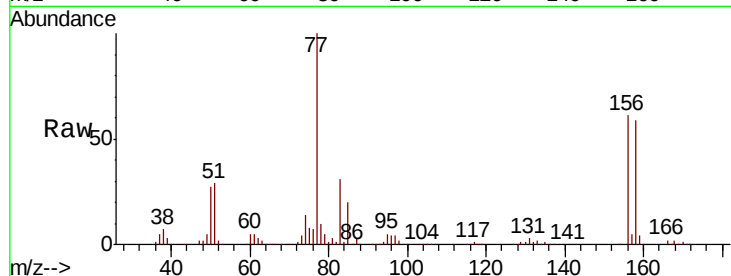
Tot Ion:156 Resp: 116849

Ion Ratio Lower Upper

156 100

77 177.4 87.3 261.8

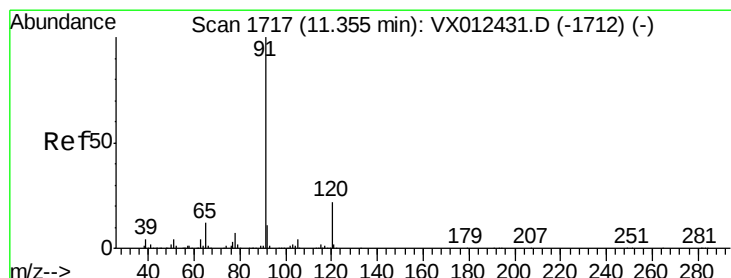
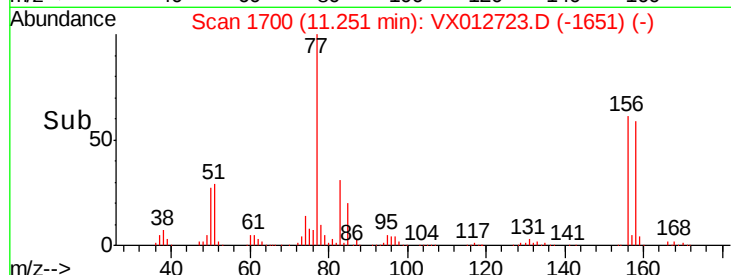
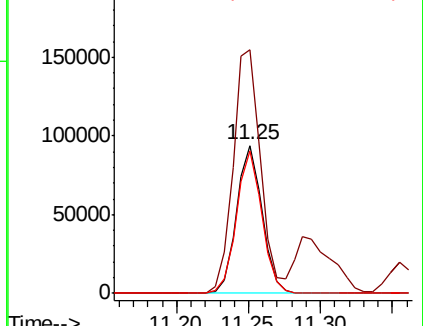
158 95.7 48.5 145.6



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: 47.133 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012723.D

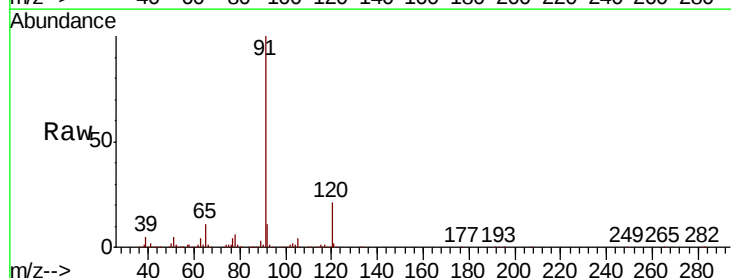
Acq: 01 Oct 2019 10:31

Tgt Ion: 91 Resp: 580458

Ion Ratio Lower Upper

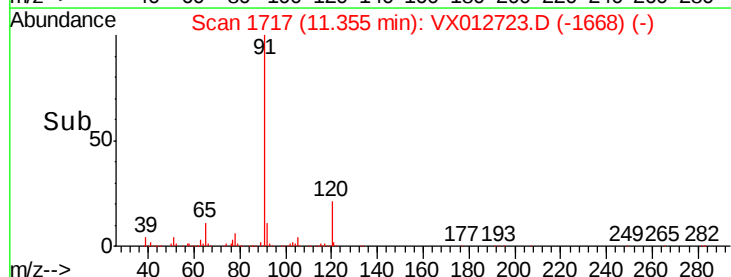
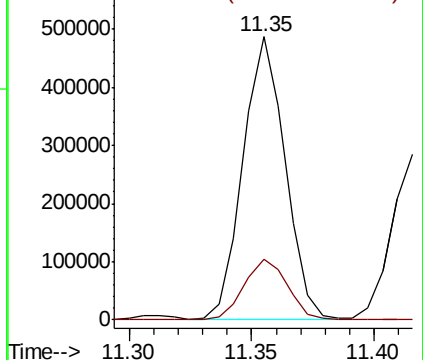
91 100

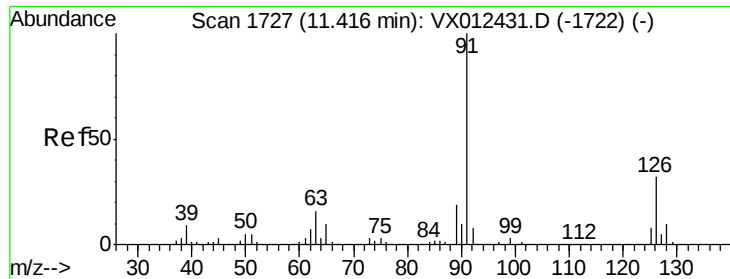
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

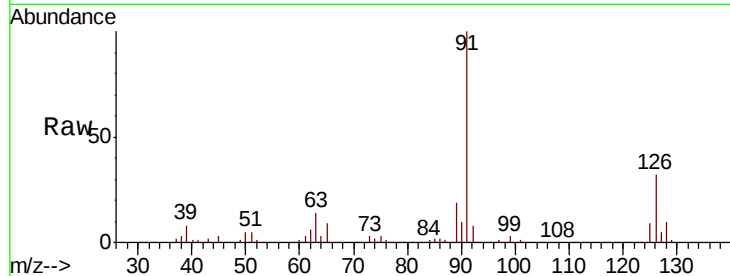




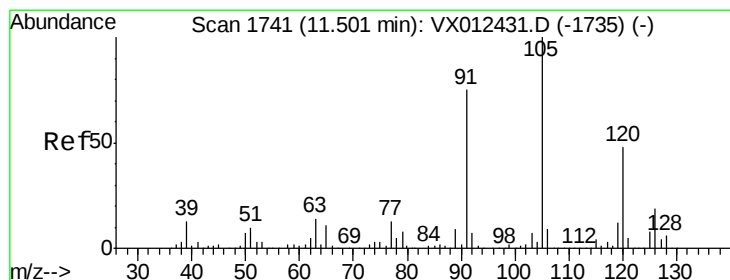
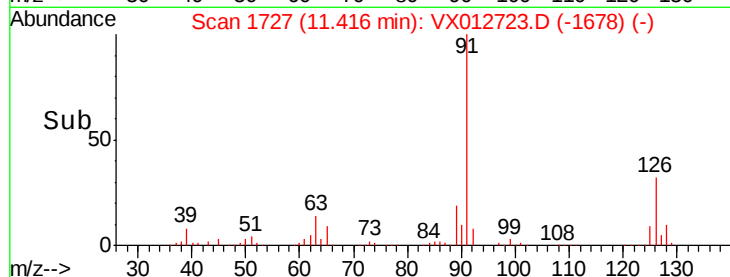
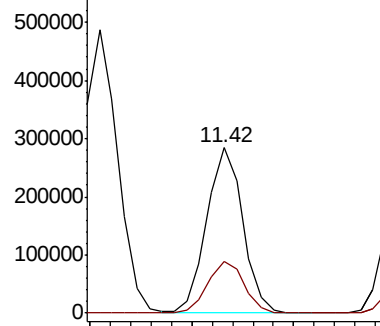
#79
 2-Chlorotoluene
 Concen: 45.195 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 347212
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4

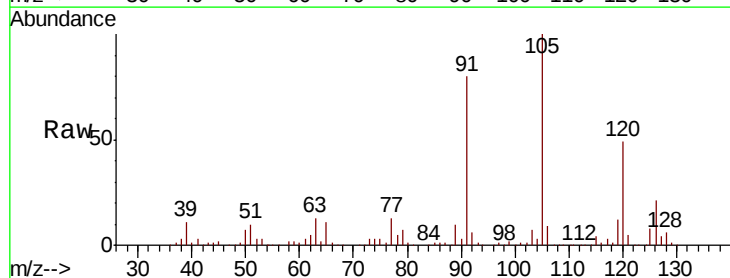


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

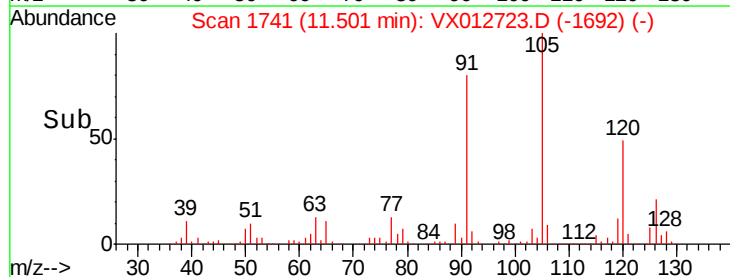
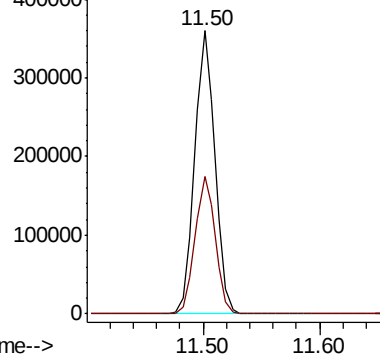


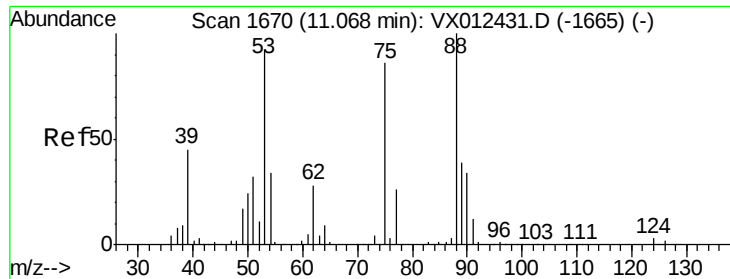
#80
 1,3,5-Trimethylbenzene
 Concen: 46.639 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion: 105 Resp: 427831
 Ion Ratio Lower Upper
 105 100
 120 48.9 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: 46.209 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

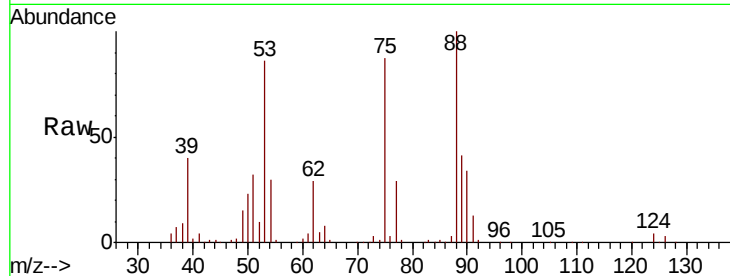
Tot Ion: 75 Resp: 57287

Ion Ratio Lower Upper

75 100

53 99.2 83.6 125.4

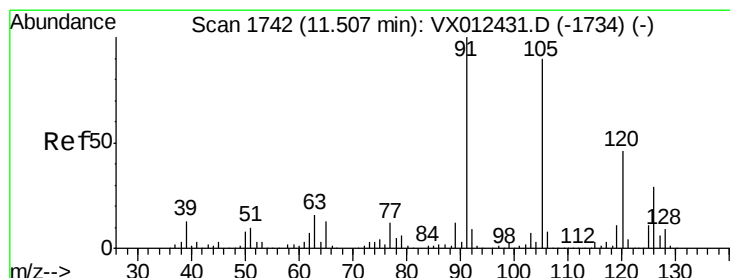
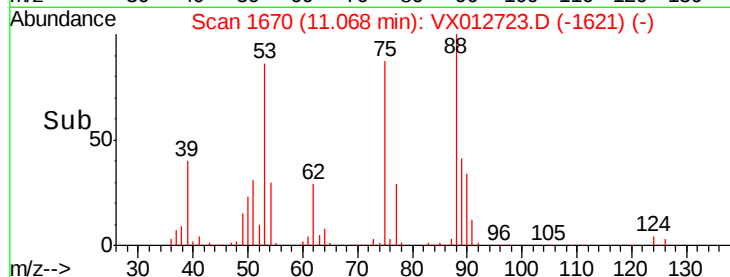
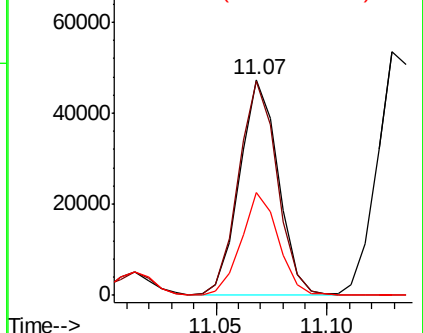
89 46.0 36.3 54.5



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: 46.543 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012723.D

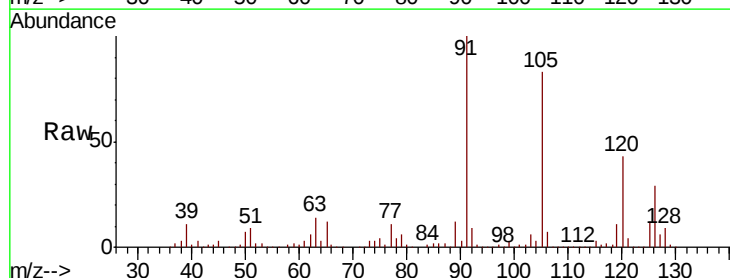
Acq: 01 Oct 2019 10:31

Tgt Ion: 91 Resp: 407607

Ion Ratio Lower Upper

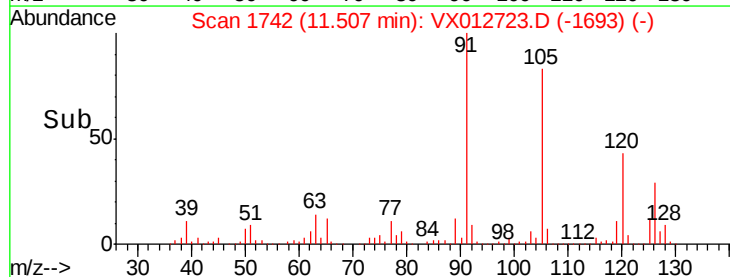
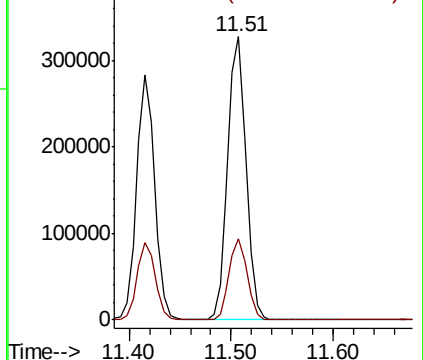
91 100

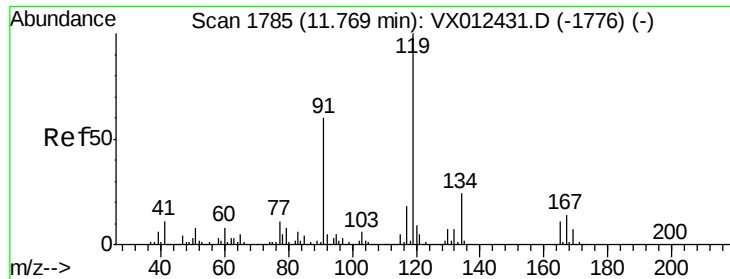
126 28.2 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

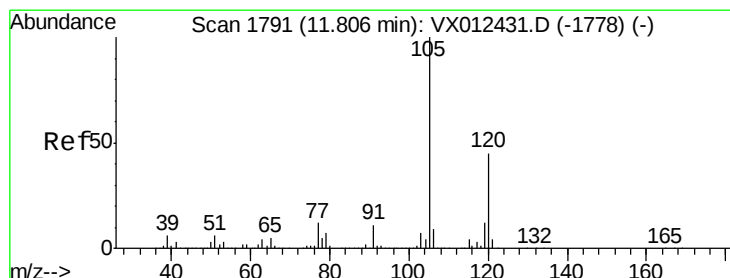
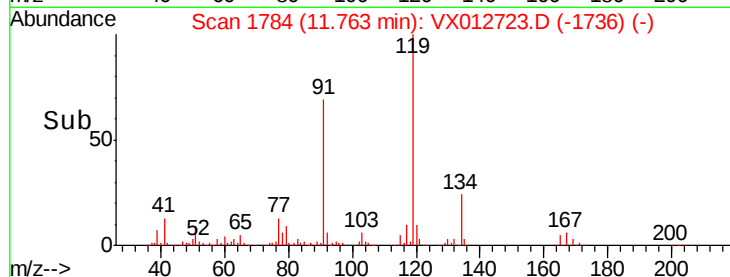
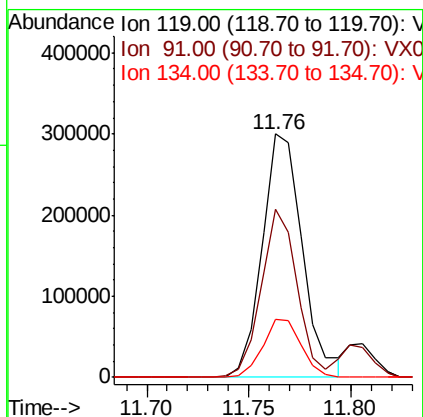
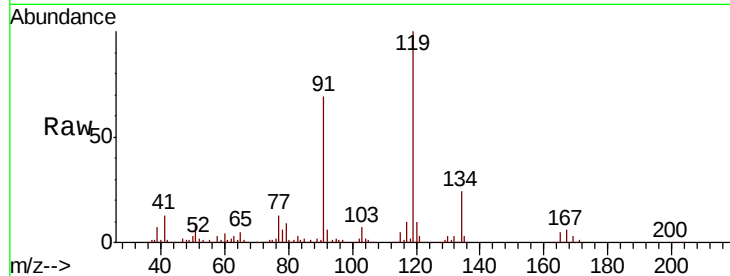




#83
tert-Butylbenzene
Concen: 46.601 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

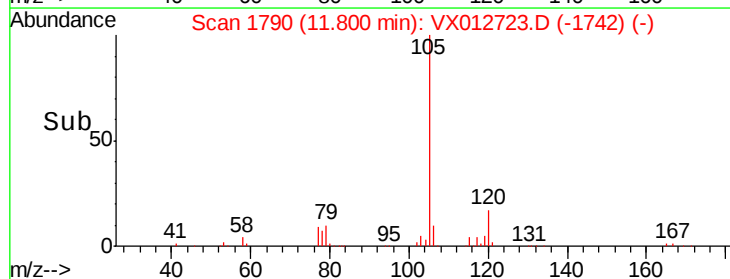
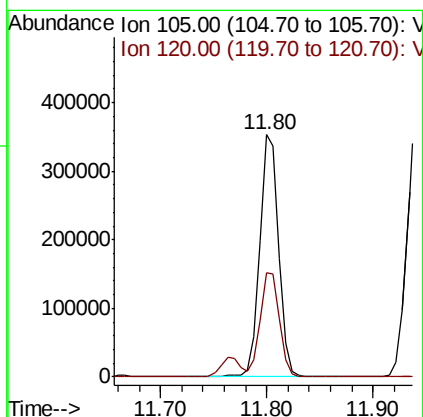
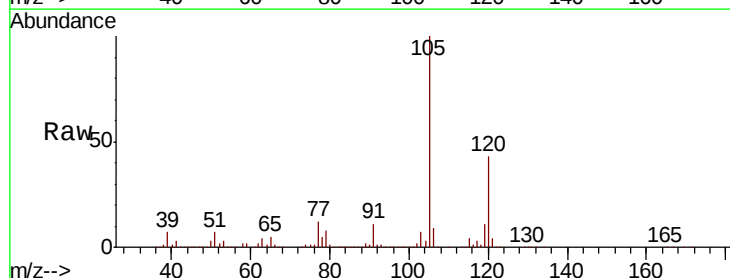
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

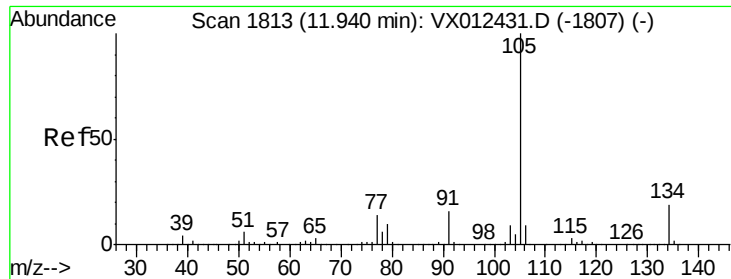
Tot Ion:119 Resp: 412360
Ion Ratio Lower Upper
119 100
91 61.8 30.0 90.0
134 22.7 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 47.355 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:105 Resp: 438207
Ion Ratio Lower Upper
105 100
120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.651 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

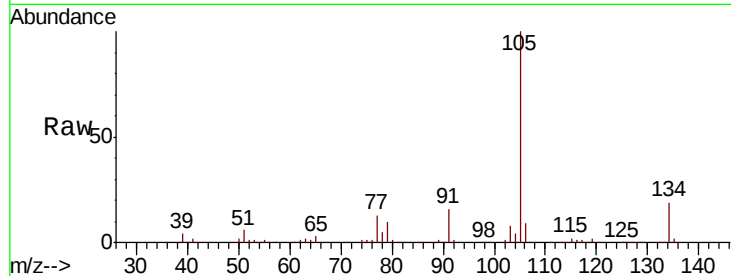
VSTDCCC050

Tot Ion:105 Resp: 500718

Ion Ratio Lower Upper

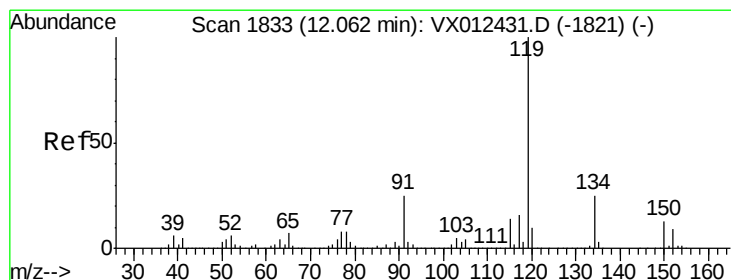
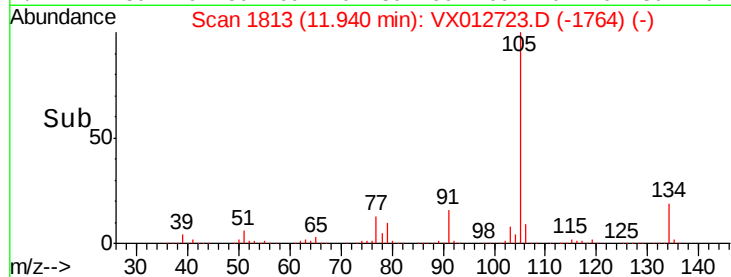
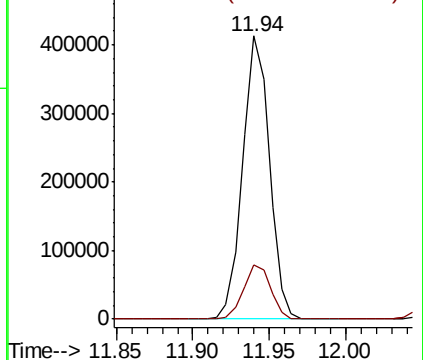
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.206 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

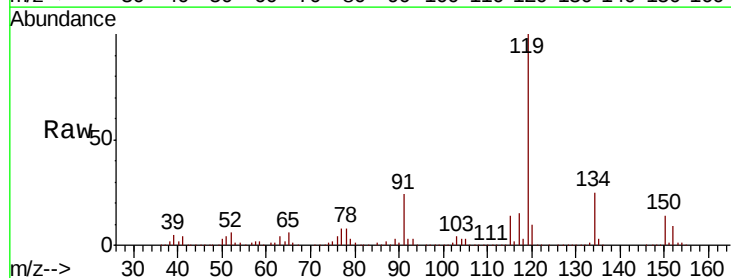
Tgt Ion:119 Resp: 466251

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

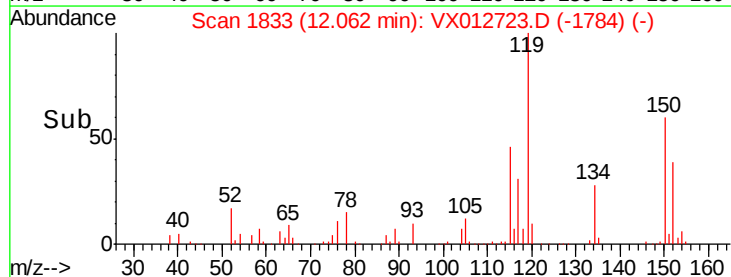
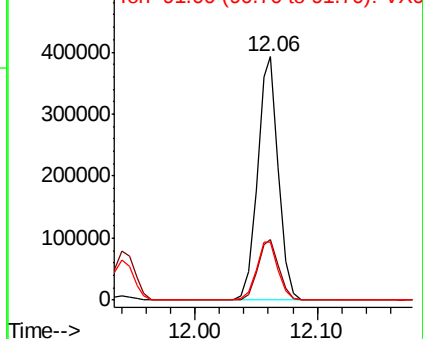
91 25.1 12.8 38.4

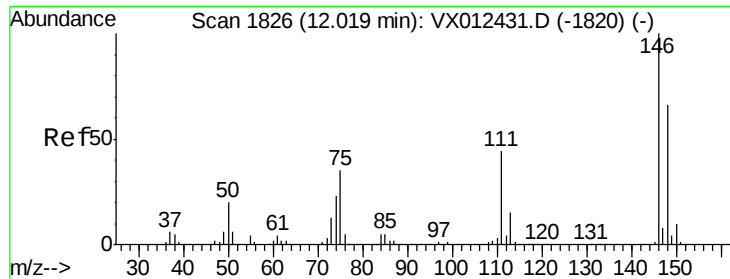


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

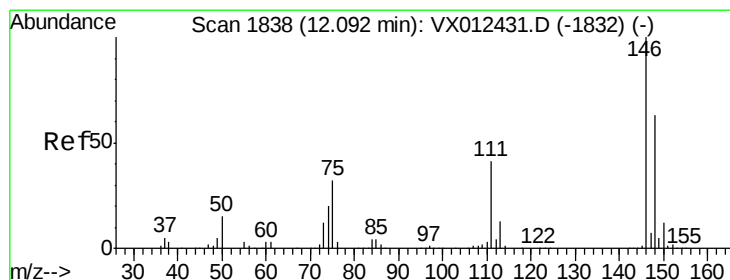
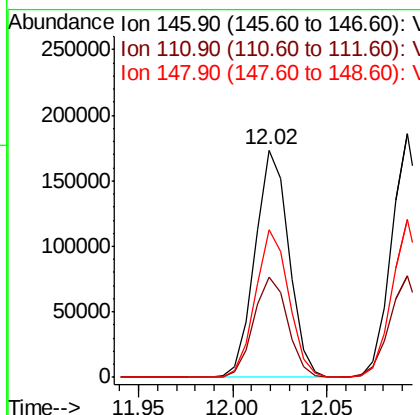
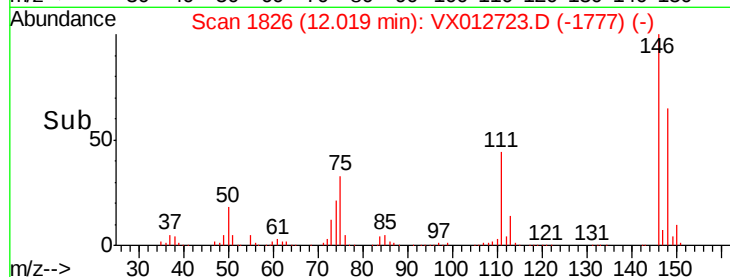
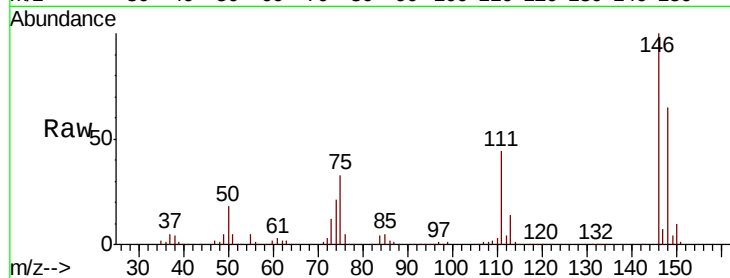




#87
 1,3-Dichlorobenzene
 Concen: 48.415 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

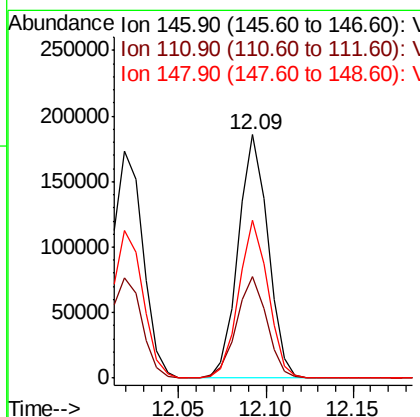
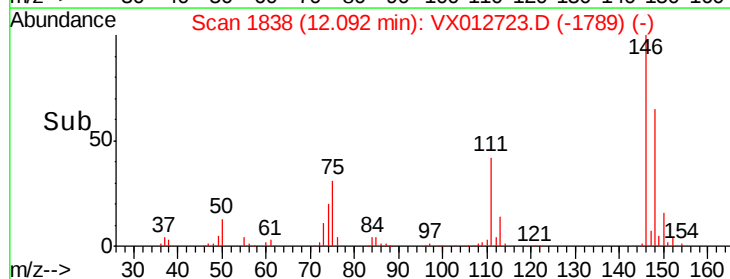
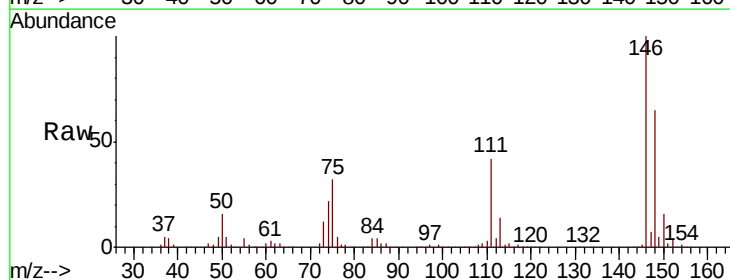
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

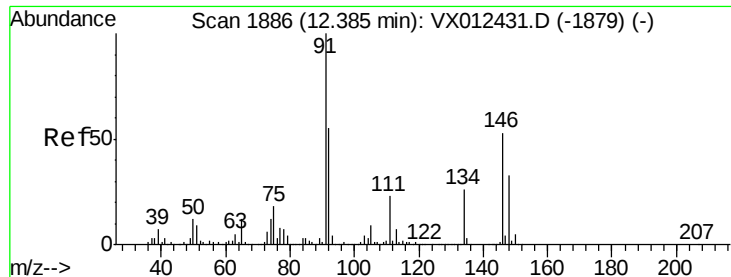
Tot Ion:146 Resp: 215711
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.3 64.0
 148 64.1 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 49.007 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion:146 Resp: 220641
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.3
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 49.818 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

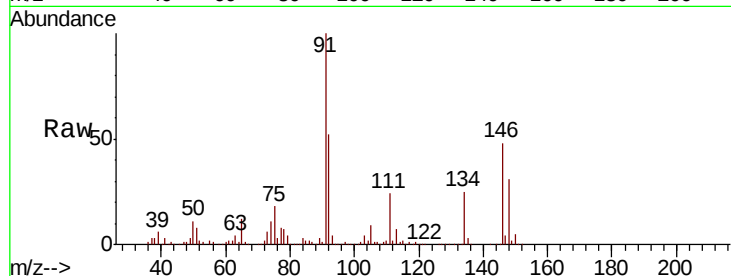
Tot Ion: 91 Resp: 407681

Ion Ratio Lower Upper

91 100

92 53.9 27.7 83.0

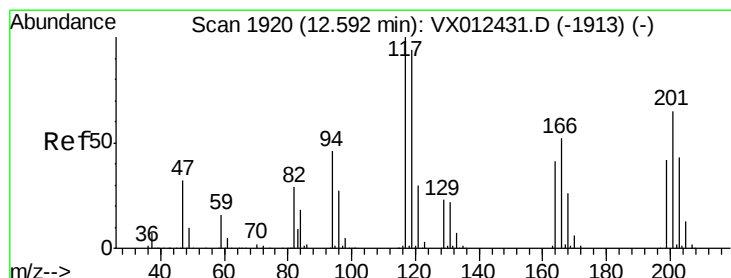
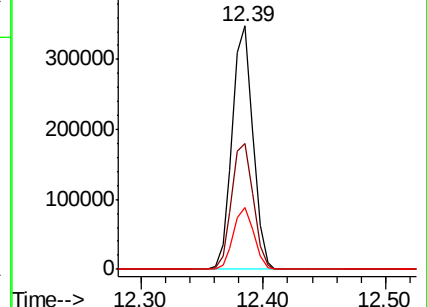
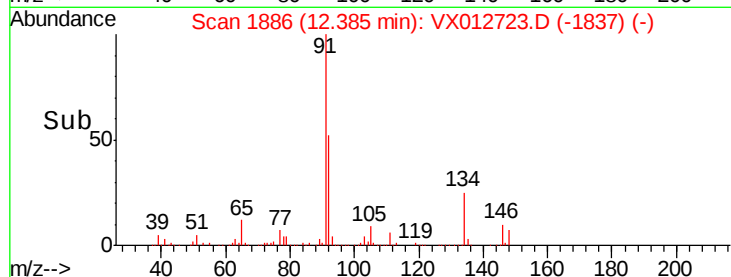
134 25.2 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012723.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012723.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012723.D (-1837) (-)



#90

Hexachloroethane

Concen: 47.438 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012723.D

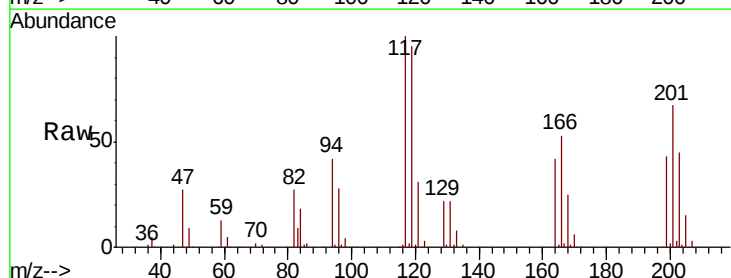
Acq: 01 Oct 2019 10:31

Tgt Ion: 117 Resp: 78541

Ion Ratio Lower Upper

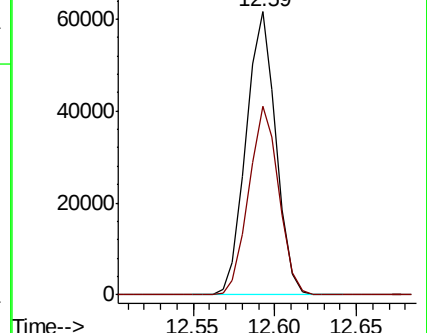
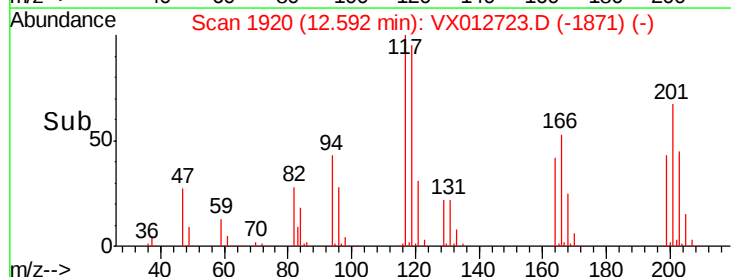
117 100

201 67.4 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012723.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012723.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 48.099 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

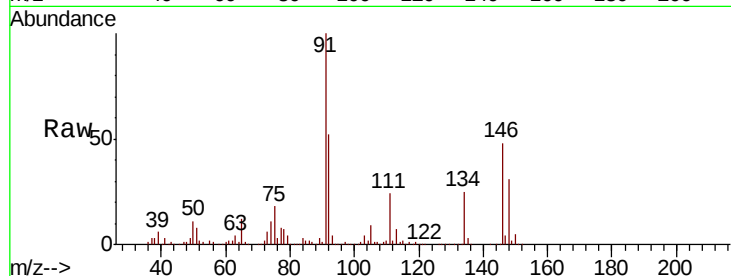
Tot Ion:146 Resp: 214548

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.1

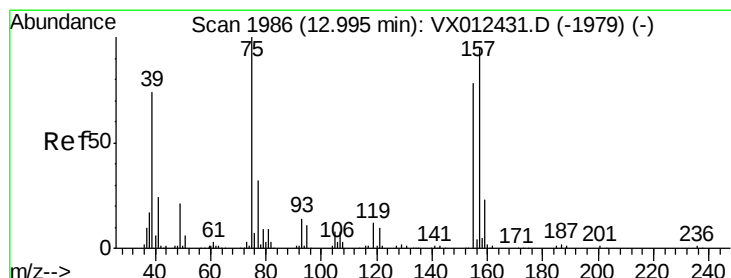
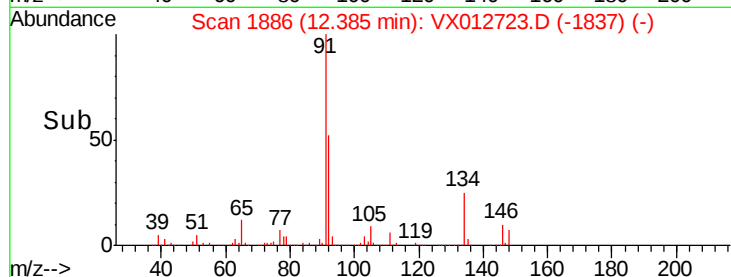
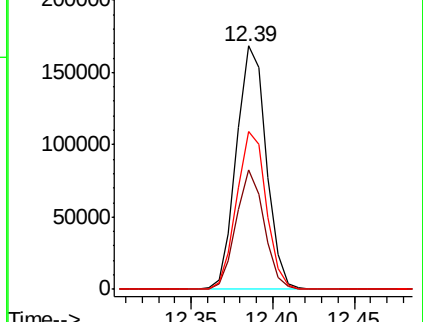
148 64.8 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.981 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012723.D

Acq: 01 Oct 2019 10:31

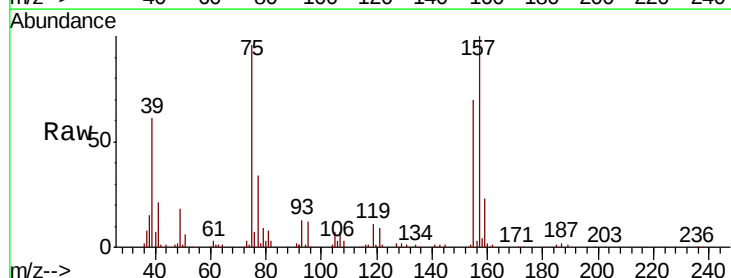
Tgt Ion: 75 Resp: 43482

Ion Ratio Lower Upper

75 100

155 76.7 38.6 115.8

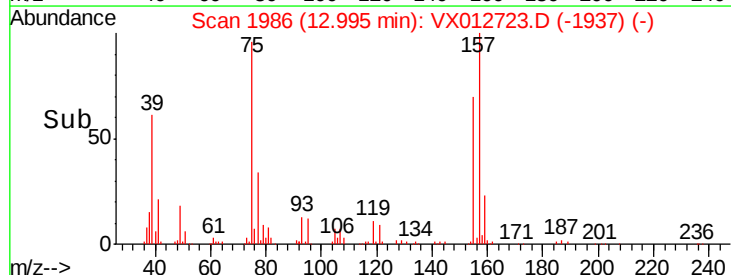
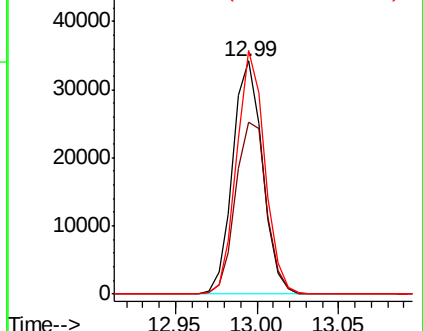
157 98.8 50.6 151.9

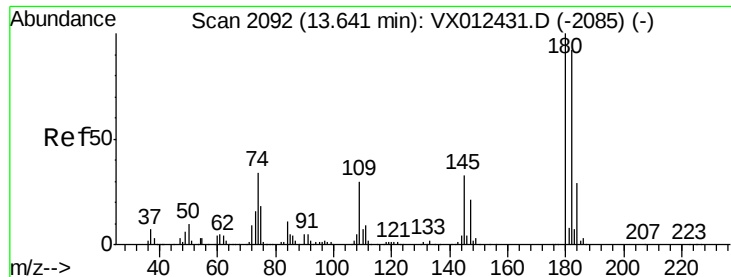


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

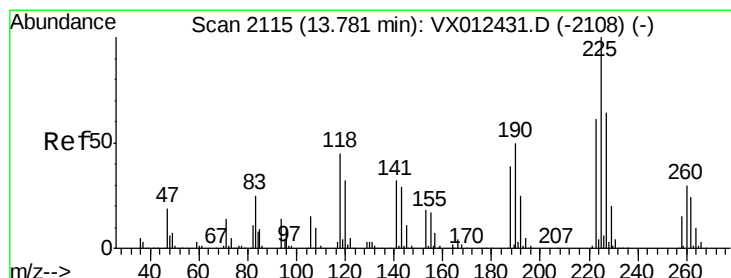
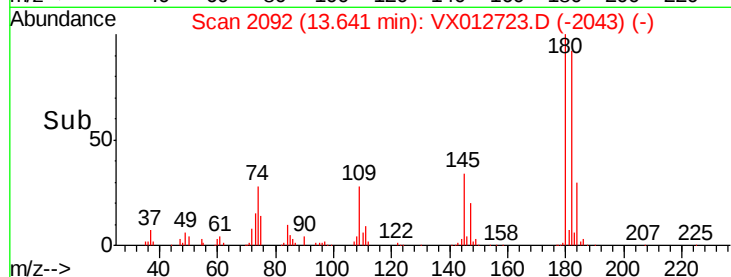
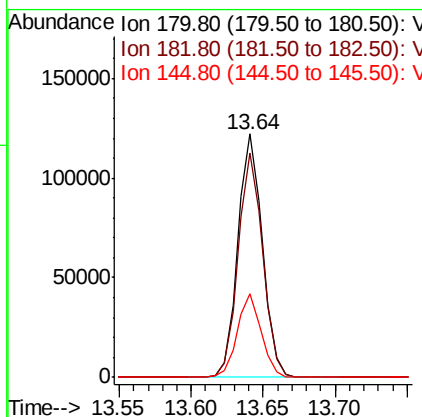
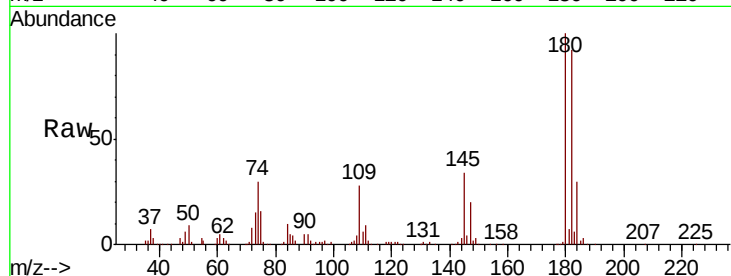




#93
 1,2,4-Trichlorobenzene
 Concen: 53.023 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

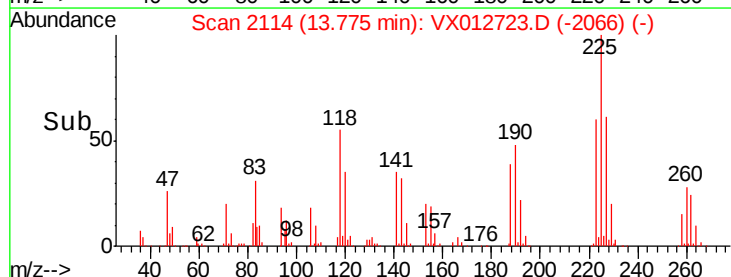
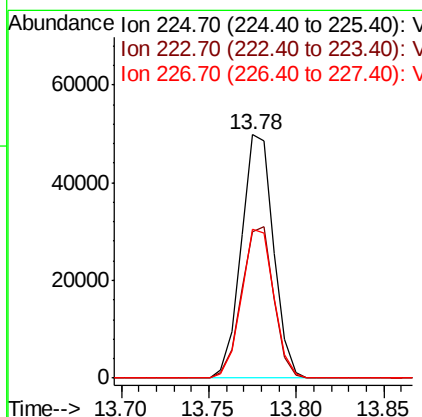
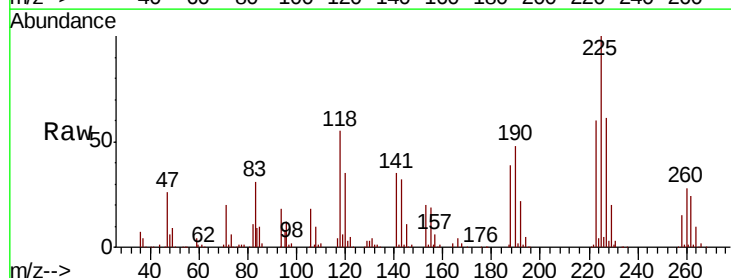
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

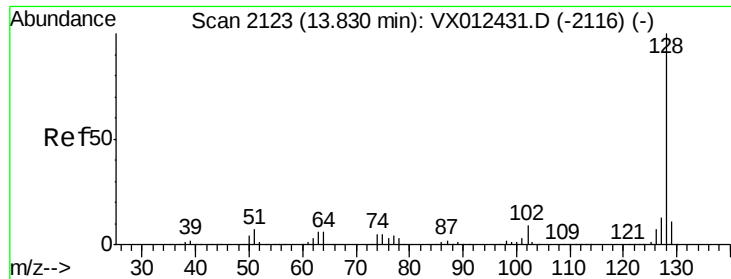
Tot Ion:180 Resp: 144237
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.0 141.0
 145 33.8 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 54.437 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012723.D
 Acq: 01 Oct 2019 10:31

Tgt Ion:225 Resp: 63706
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.0 96.2
 227 61.2 31.9 95.5

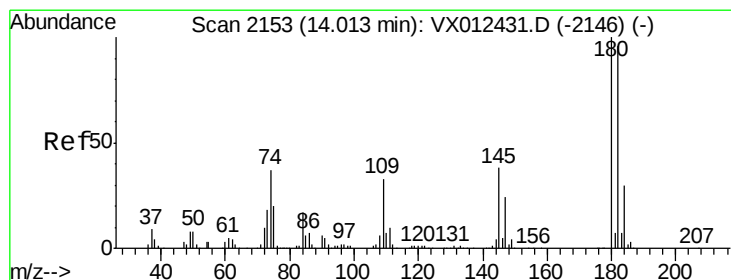
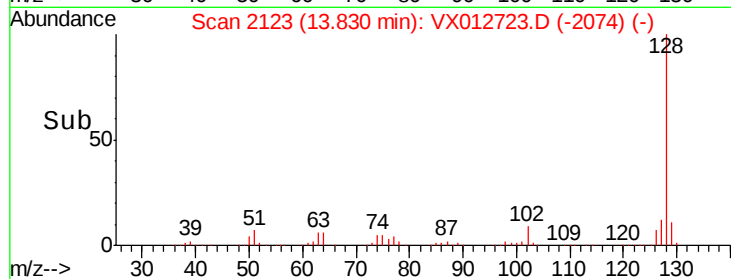
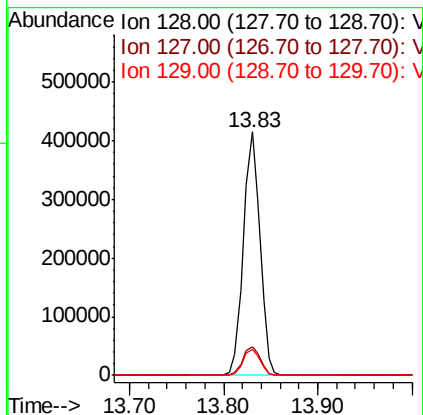
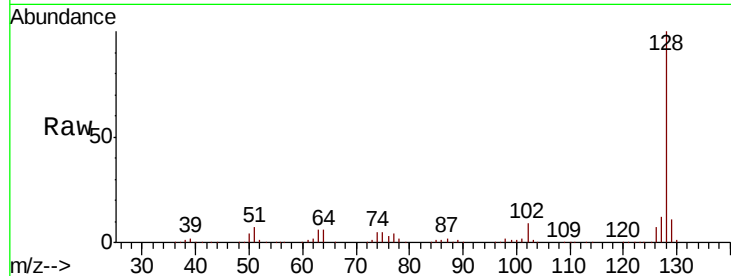




#95
Naphthalene
Concen: 51.789 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 509707
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.519 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012723.D
Acq: 01 Oct 2019 10:31

Tgt Ion:180 Resp: 143114
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.3
145 36.1 18.0 54.0

