

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032819\
 Data File : VX008533.D
 Acq On : 28 Mar 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 01:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135708	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	101438	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	404163	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	149450	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93956	43.391	ug/l	100
3) Chloromethane	1.32	50	121992	44.574	ug/l	100
4) Vinyl Chloride	1.40	62	130720	43.237	ug/l	99
5) Bromomethane	1.64	94	52101	33.455	ug/l	98
6) Chloroethane	1.71	64	79541	44.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	151736	44.314	ug/l	99
8) Diethyl Ether	2.18	74	73052	45.080	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95516	46.157	ug/l	99
10) Methyl Iodide	2.51	142	68308	35.252	ug/l	99
11) Tert butyl alcohol	3.05	59	153707	249.109	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99145	46.391	ug/l	96
13) Acrolein	2.29	56	129058	288.024	ug/l	100
14) Allyl chloride	2.73	41	223683	47.508	ug/l	98
15) Acrylonitrile	3.14	53	388710	240.248	ug/l	99
16) Acetone	2.44	43	329827	226.597	ug/l	99
17) Carbon Disulfide	2.57	76	282072	45.971	ug/l	99
18) Methyl Acetate	2.77	43	172522	49.350	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	378013	49.084	ug/l	97
20) Methylene Chloride	2.85	84	119996	50.518	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	104933	49.271	ug/l	99
22) Diisopropyl ether	3.85	45	453544	48.921	ug/l	98
23) Vinyl Acetate	3.81	43	1992010	246.279	ug/l	100
24) 1,1-Dichloroethane	3.70	63	223763	47.808	ug/l	100
25) 2-Butanone	4.67	43	562996	241.263	ug/l	100
26) 2,2-Dichloropropane	4.59	77	134537	43.216	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	123811	47.376	ug/l	98
28) Bromochloromethane	5.01	49	112139	48.495	ug/l	99
29) Tetrahydrofuran	5.13	42	371700	241.682	ug/l	99
30) Chloroform	5.21	83	202761	48.002	ug/l	99
31) Cyclohexane	5.58	56	208396	46.684	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	163563	48.444	ug/l	100
36) 1,1-Dichloropropene	5.80	75	154910	45.533	ug/l	99
37) Ethyl Acetate	4.83	43	215186	48.824	ug/l	99
38) Carbon Tetrachloride	5.78	117	134735	47.456	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032819\
 Data File : VX008533.D
 Acq On : 28 Mar 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 01:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184787	45.449	ug/l	99
40) Benzene	6.14	78	478393	46.970	ug/l	100
41) Methacrylonitrile	5.04	41	123514	49.868	ug/l	99
42) 1,2-Dichloroethane	6.19	62	170814	45.806	ug/l	100
43) Isopropyl Acetate	6.45	43	346933	49.213	ug/l	100
44) Trichloroethene	7.21	130	109691	45.868	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137437	47.474	ug/l	99
46) Dibromomethane	7.66	93	78193	46.254	ug/l	99
47) Bromodichloromethane	7.90	83	156659	48.414	ug/l	97
48) Methyl methacrylate	7.77	41	175294	49.696	ug/l	98
49) 1,4-Dioxane	7.74	88	65462	933.363	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1143385	249.714	ug/l	100
52) Toluene	8.78	92	287862	47.269	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172926	48.791	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	194582	48.281	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118444	47.779	ug/l	98
56) Ethyl methacrylate	9.18	69	222987	49.831	ug/l	100
57) 1,3-Dichloropropane	9.37	76	210798	47.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	544723	235.493	ug/l	99
59) 2-Hexanone	9.49	43	893291	251.781	ug/l	99
60) Dibromochloromethane	9.58	129	114263	48.466	ug/l	98
61) 1,2-Dibromoethane	9.67	107	119981	47.425	ug/l	99
64) Tetrachloroethene	9.34	164	92511	48.055	ug/l	98
65) Chlorobenzene	10.13	112	294816	47.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104831	49.135	ug/l	99
67) Ethyl Benzene	10.25	91	553430	47.420	ug/l	100
68) m/p-Xylenes	10.36	106	400968	94.439	ug/l	99
69) o-Xylene	10.69	106	197368	47.902	ug/l	100
70) Styrene	10.71	104	346450	48.678	ug/l	100
71) Bromoform	10.85	173	84270	50.015	ug/l #	100
73) Isopropylbenzene	11.02	105	518434	46.580	ug/l	100
74) N-amyl acetate	10.90	43	322375	50.041	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203677	47.165	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	230229	56.606	ug/l	82
77) Bromobenzene	11.26	156	125152	46.331	ug/l	99
78) n-propylbenzene	11.36	91	606714	46.534	ug/l	100
79) 2-Chlorotoluene	11.42	91	366643	46.234	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	439703	46.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62297	49.058	ug/l	99
82) 4-Chlorotoluene	11.51	91	421706	46.101	ug/l	99
83) tert-Butylbenzene	11.77	119	422330	46.521	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	443875	46.639	ug/l	100
85) sec-Butylbenzene	11.94	105	507497	46.942	ug/l	99
86) p-Isopropyltoluene	12.06	119	450483	47.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	221674	45.930	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	223101	45.803	ug/l	99
89) n-Butylbenzene	12.38	91	418623	46.324	ug/l	100
90) Hexachloroethane	12.60	117	75548	47.537	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	227599	47.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43462	46.158	ug/l	98

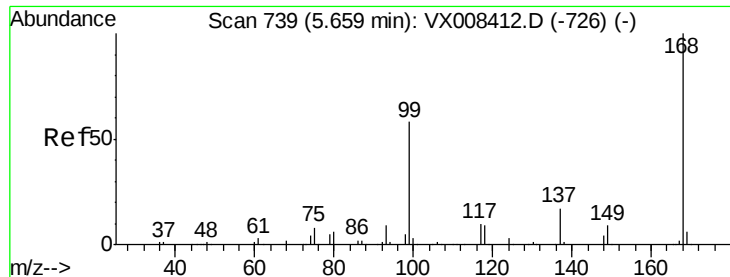
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
Data File : VX008533.D
Acq On : 28 Mar 2019 20:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 29 01:32:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151689	46.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	71734	46.427	ug/l	100
95) Naphthalene	13.83	128	533040	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153372	46.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

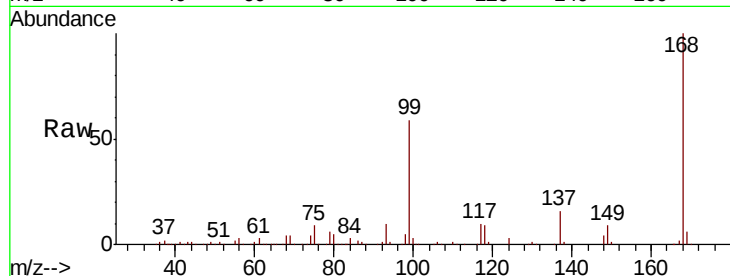
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 183701

Ion Ratio Lower Upper

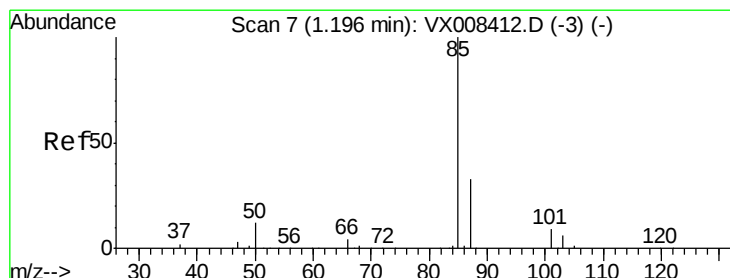
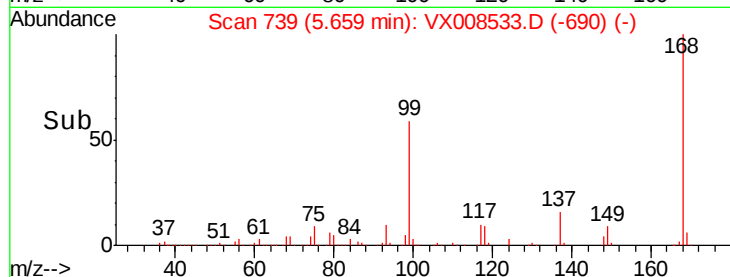
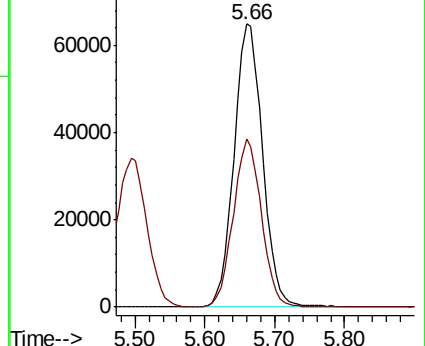
168 100

99 59.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.391 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008533.D

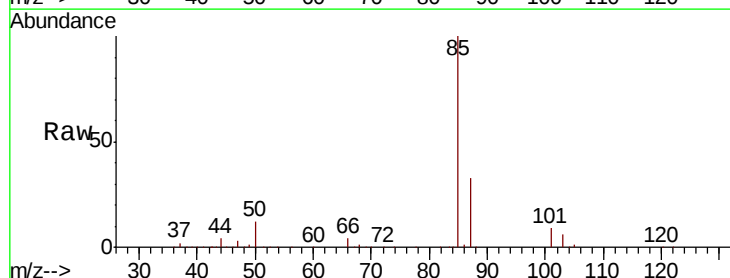
Acq: 28 Mar 2019 20:29

Tgt Ion: 85 Resp: 93956

Ion Ratio Lower Upper

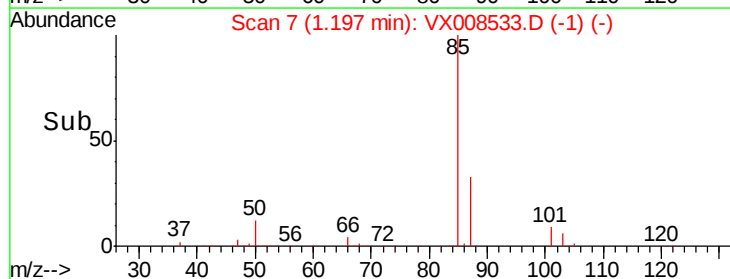
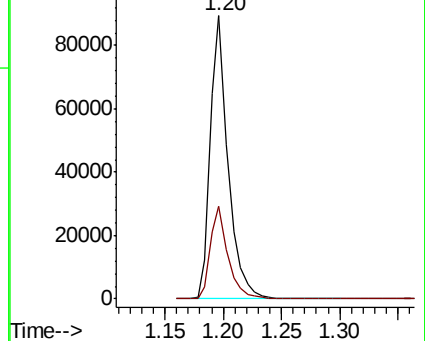
85 100

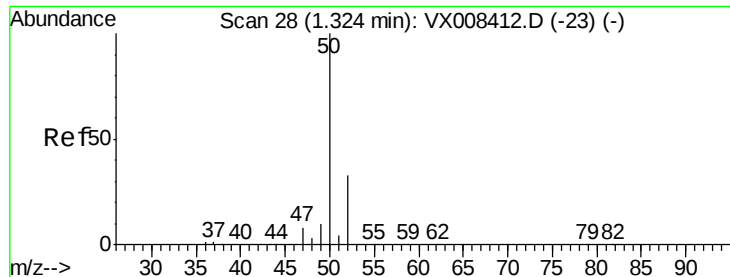
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.574 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

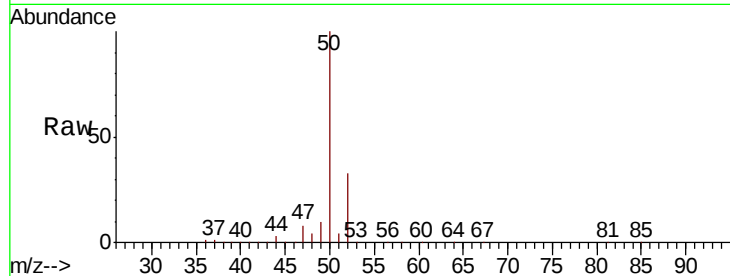
VSTDCCC050EC

Tot Ion: 50 Resp: 121992

Ion Ratio Lower Upper

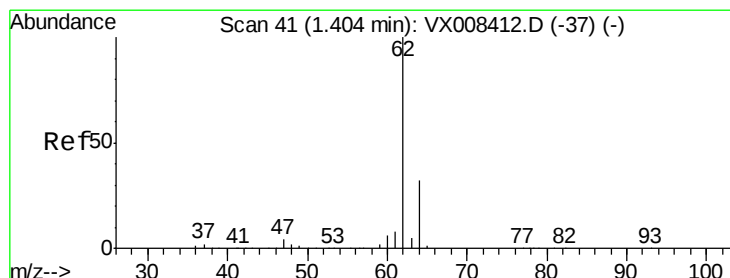
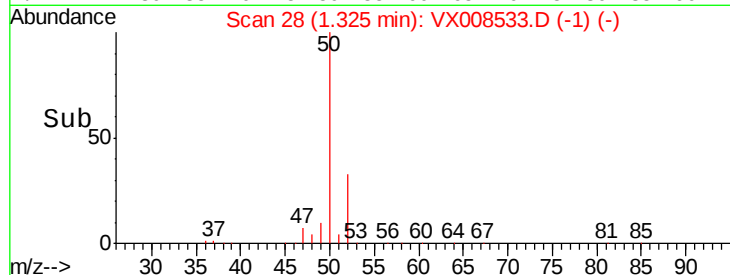
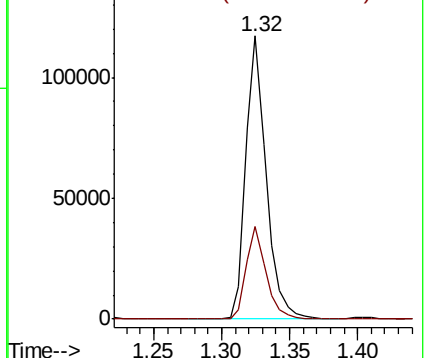
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.237 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008533.D

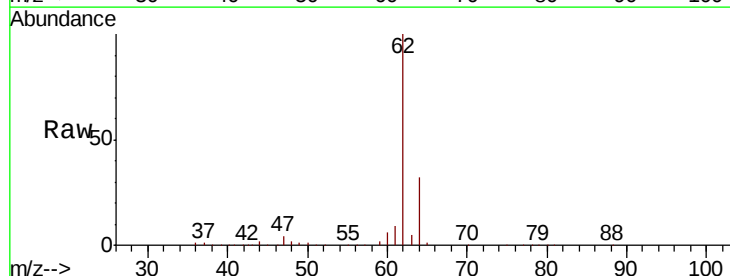
Acq: 28 Mar 2019 20:29

Tgt Ion: 62 Resp: 130720

Ion Ratio Lower Upper

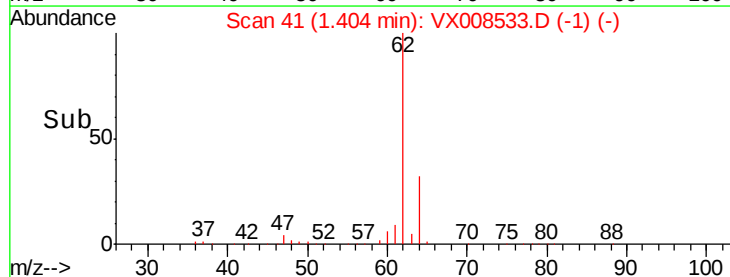
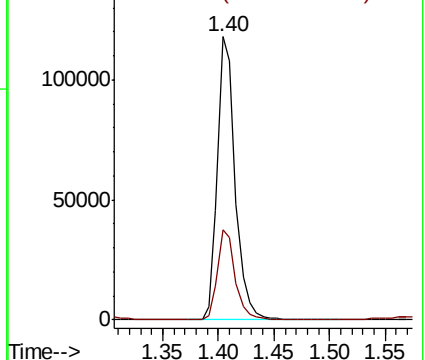
62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.455 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

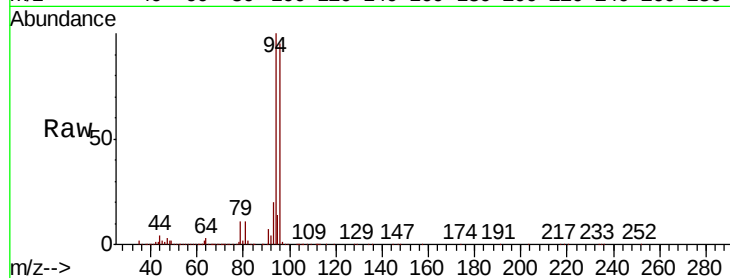
VSTDCCC050EC

Tot Ion: 94 Resp: 52101

Ion Ratio Lower Upper

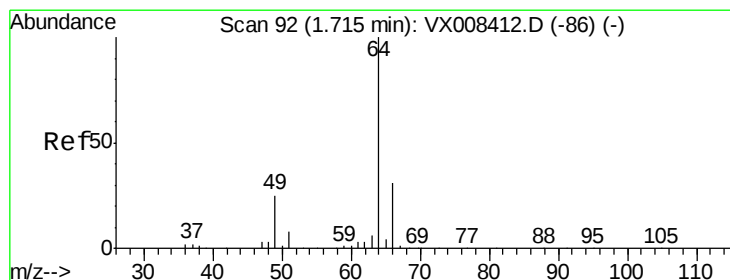
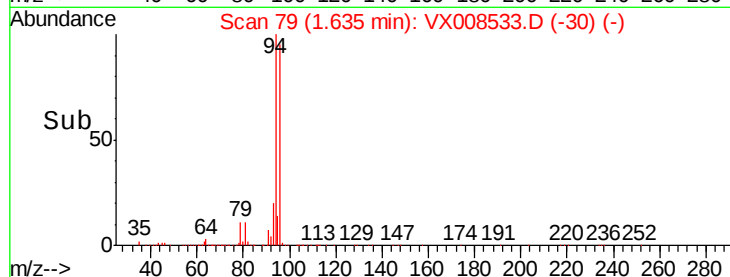
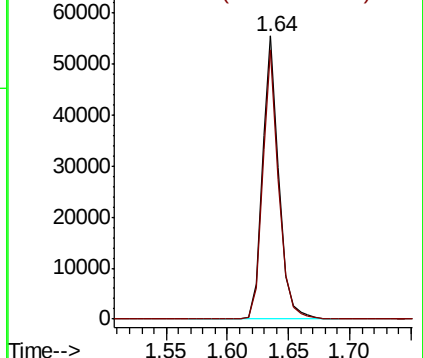
94 100

96 95.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008533.D

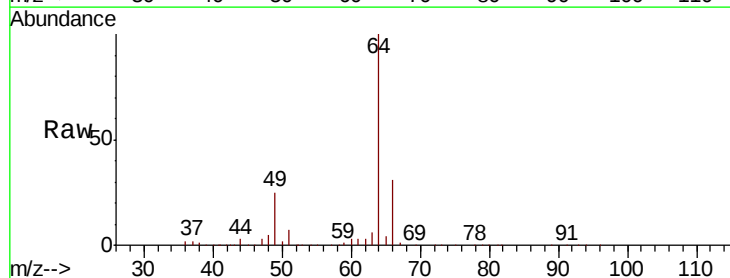
Acq: 28 Mar 2019 20:29

Tgt Ion: 64 Resp: 79541

Ion Ratio Lower Upper

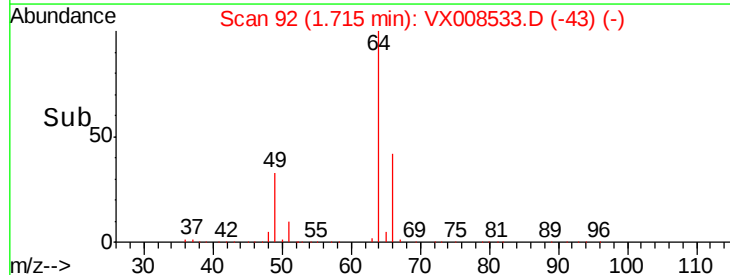
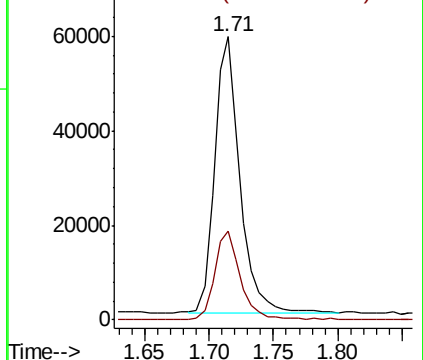
64 100

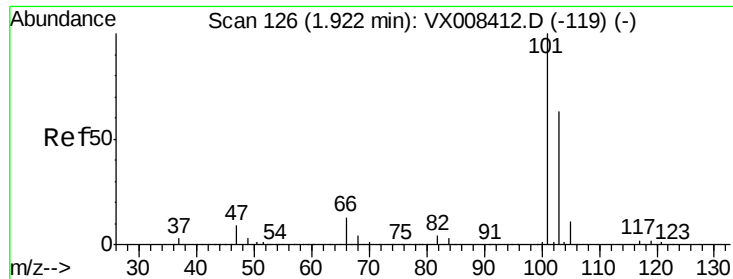
66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



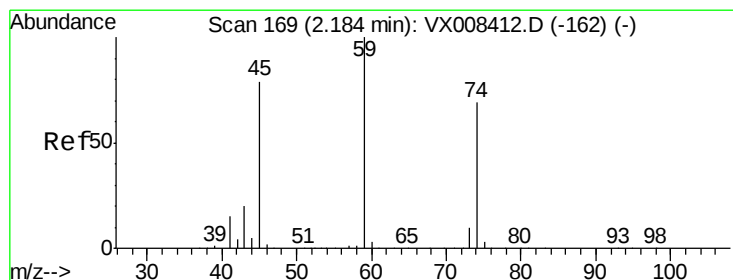
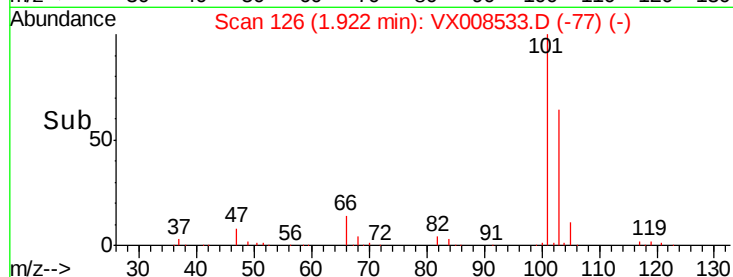
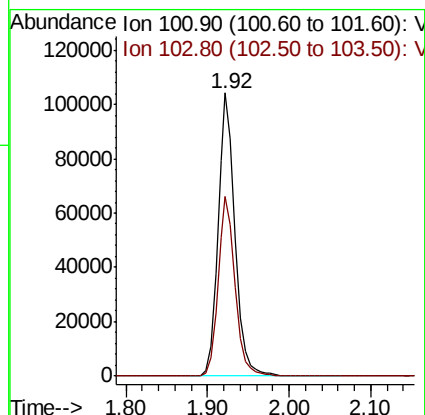
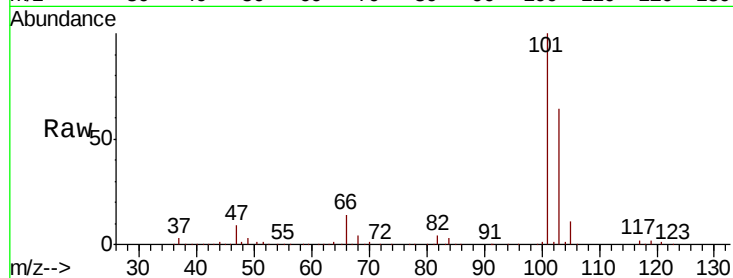


#7

Trichlorofluoromethane
Concen: 44.314 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

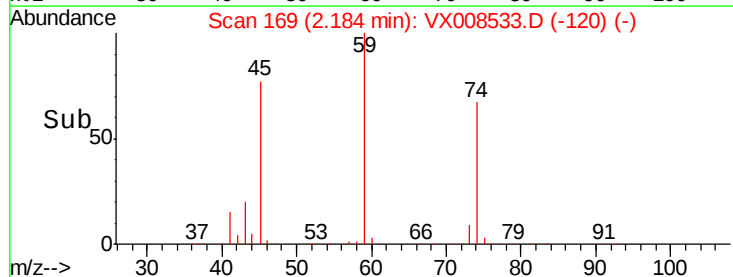
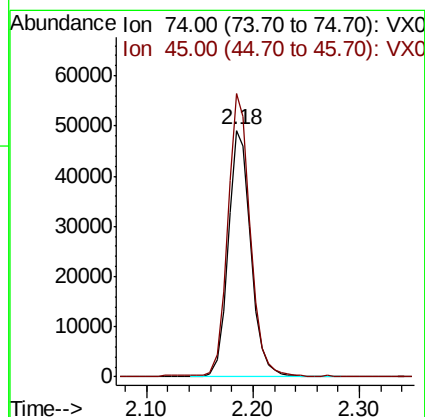
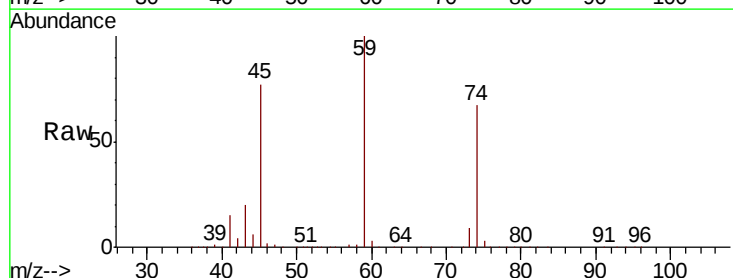
Tot Ion:101 Resp: 151736
Ion Ratio Lower Upper
101 100
103 63.5 50.2 75.4

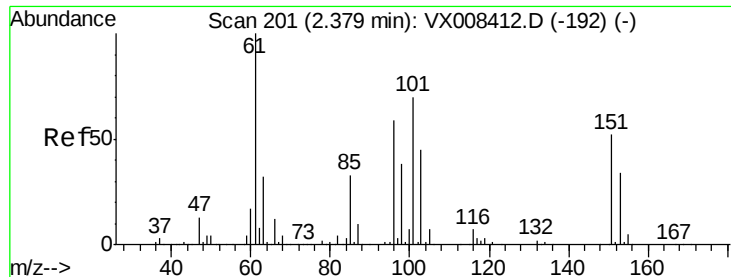


#8

Diethyl Ether
Concen: 45.080 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 74 Resp: 73052
Ion Ratio Lower Upper
74 100
45 112.8 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.157 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

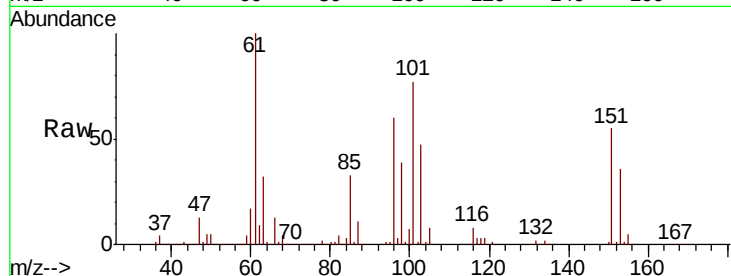
Tot Ion:101 Resp: 95516

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

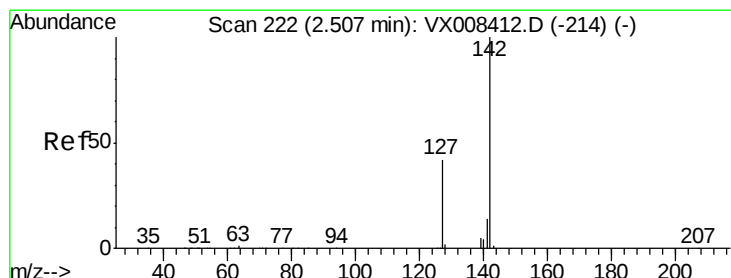
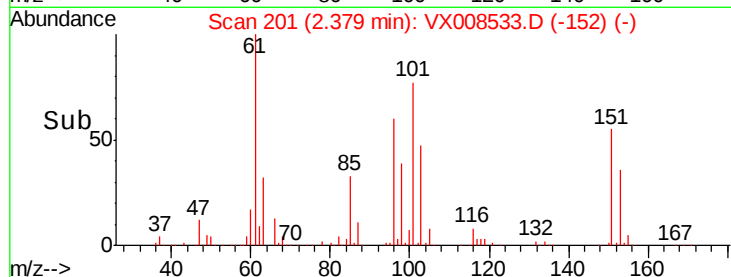
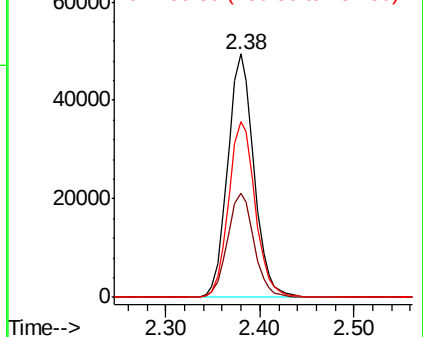
151 73.4 59.2 88.8



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: 35.252 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

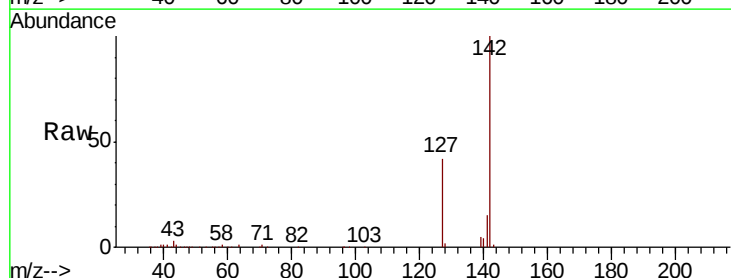
Tgt Ion:142 Resp: 68308

Ion Ratio Lower Upper

142 100

127 41.3 33.6 50.4

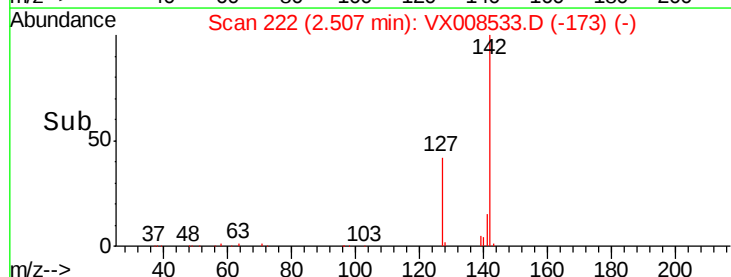
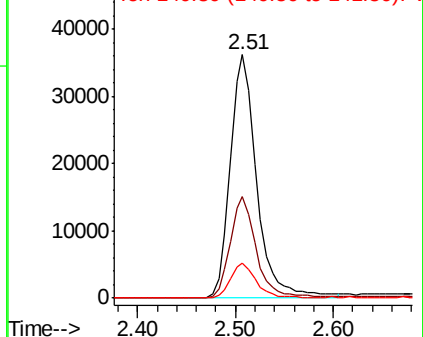
141 14.3 11.3 16.9

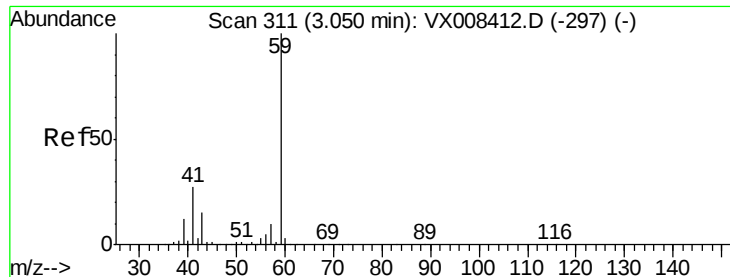


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

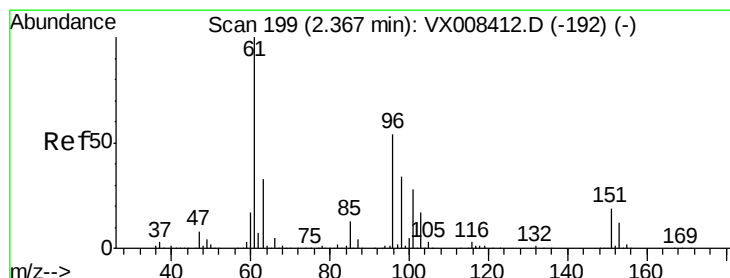
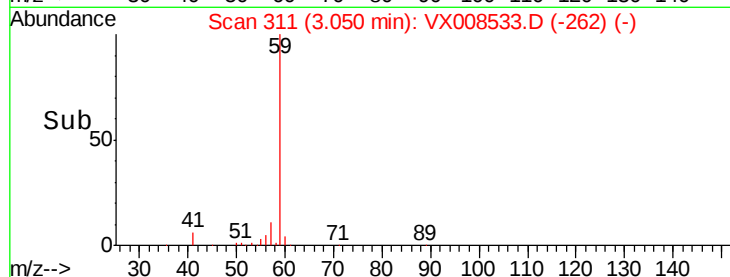
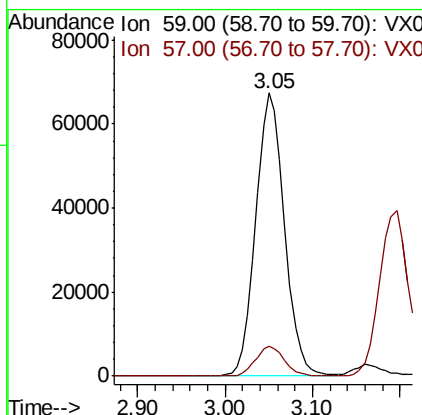
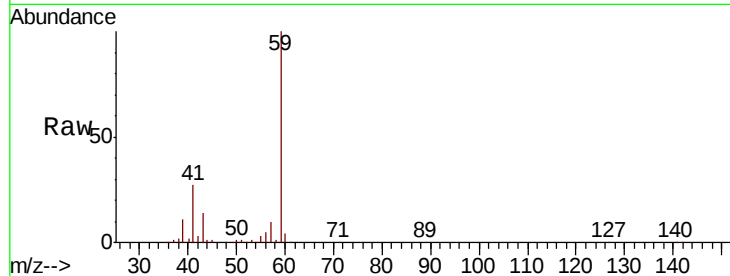




#11
Tert butyl alcohol
Concen: 249.109 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

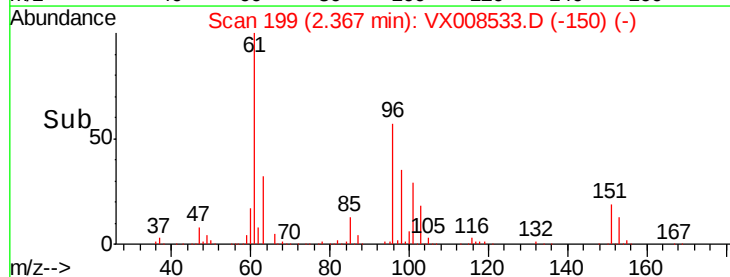
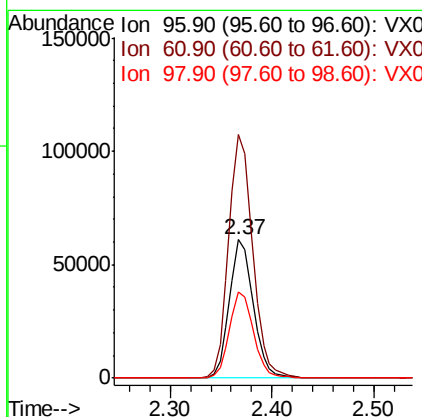
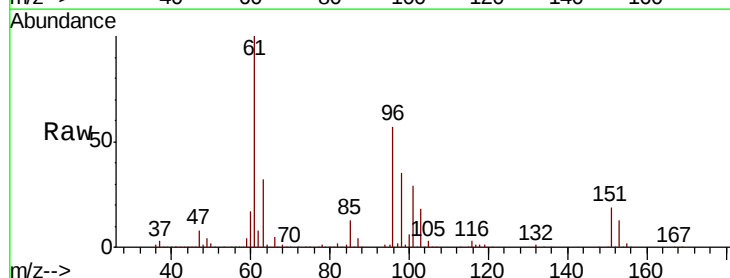
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

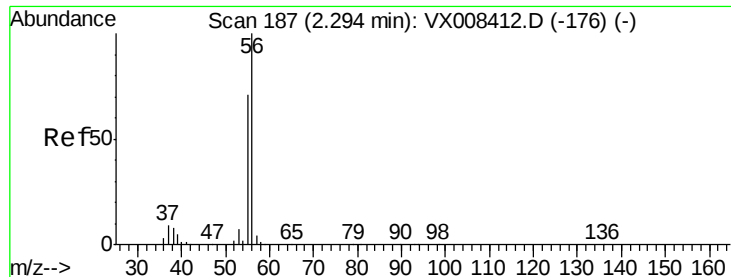
Tot Ion: 59 Resp: 153707
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.391 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 96 Resp: 99145
Ion Ratio Lower Upper
96 100
61 176.4 146.9 220.3
98 62.4 50.1 75.1





#13

Acrolein

Concen: 288.024 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

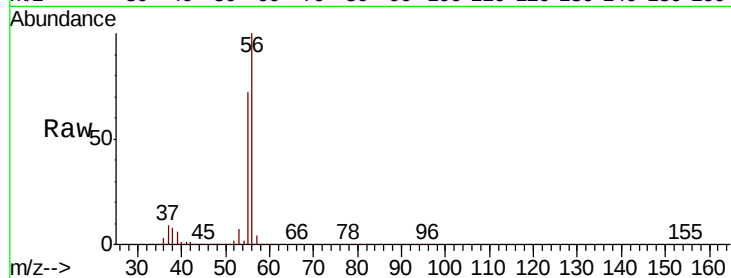
VSTDCCC050EC

Tot Ion: 56 Resp: 129058

Ion Ratio Lower Upper

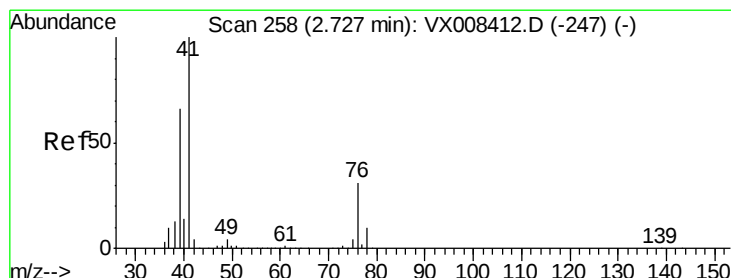
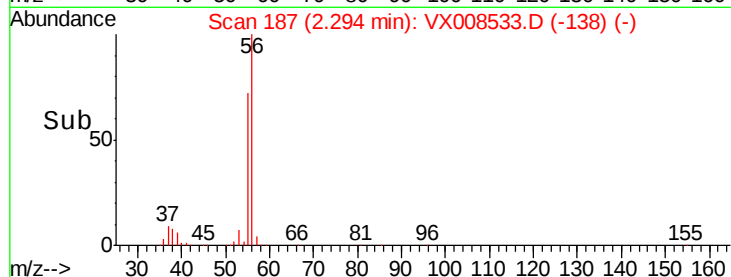
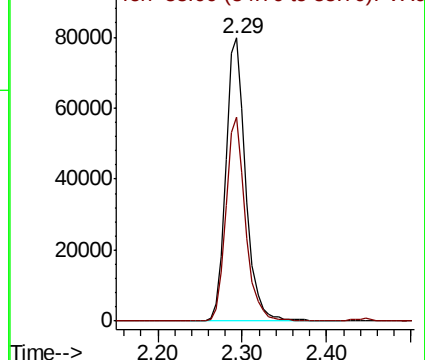
56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.508 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

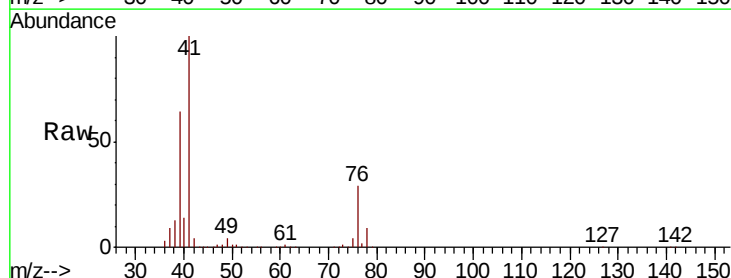
Tgt Ion: 41 Resp: 223683

Ion Ratio Lower Upper

41 100

39 60.3 49.6 74.4

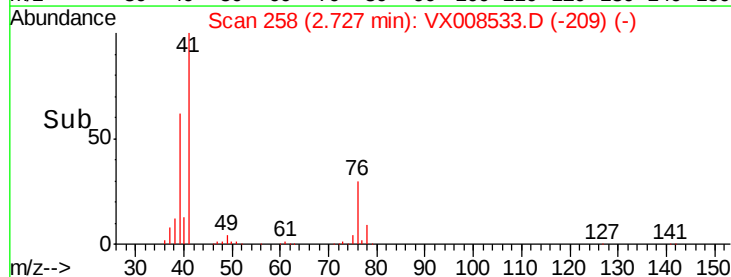
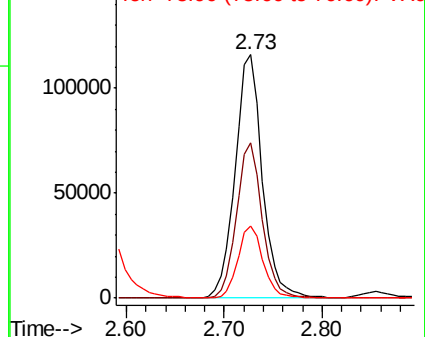
76 27.7 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 240.248 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

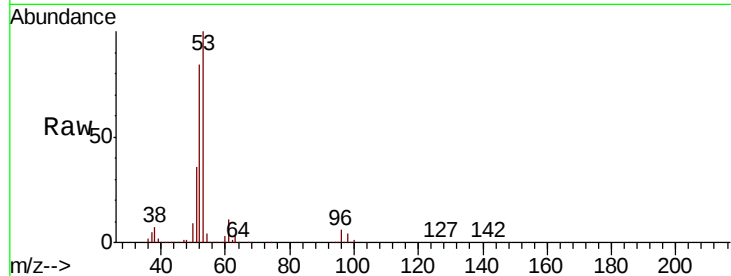
Tot Ion: 53 Resp: 388710

Ion Ratio Lower Upper

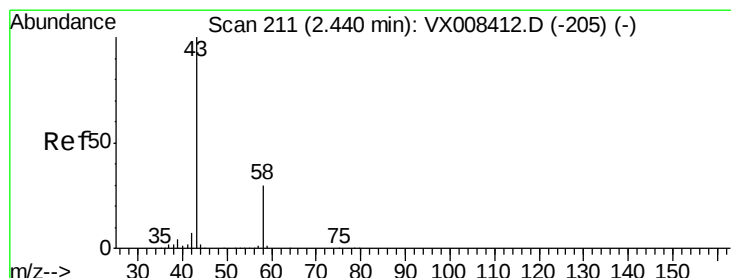
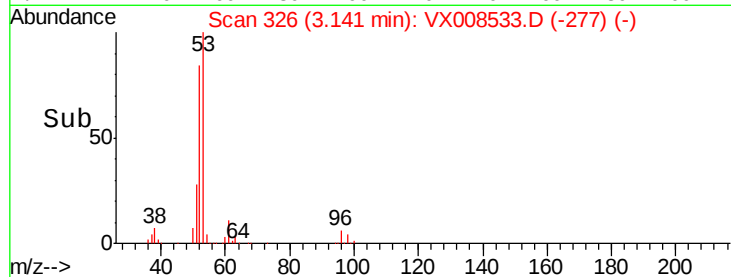
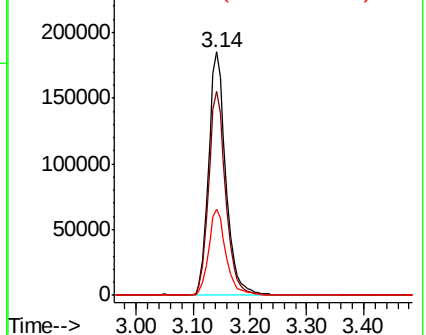
53 100

52 83.7 66.5 99.7

51 35.5 28.3 42.5



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: 226.597 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008533.D

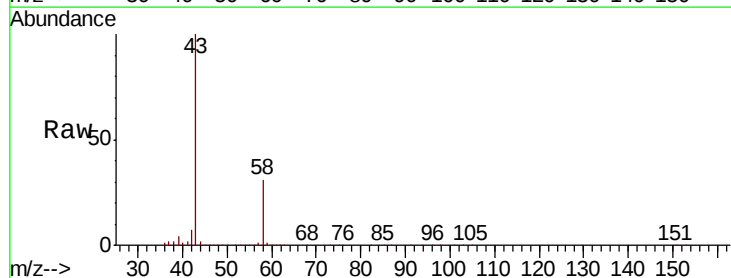
Acq: 28 Mar 2019 20:29

Tgt Ion: 43 Resp: 329827

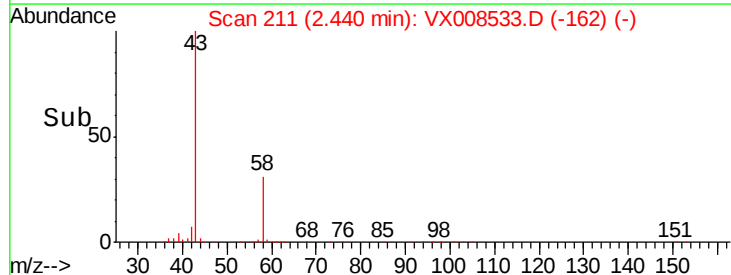
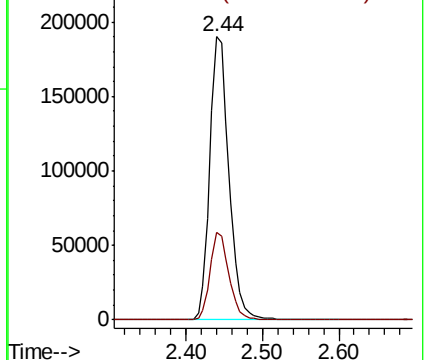
Ion Ratio Lower Upper

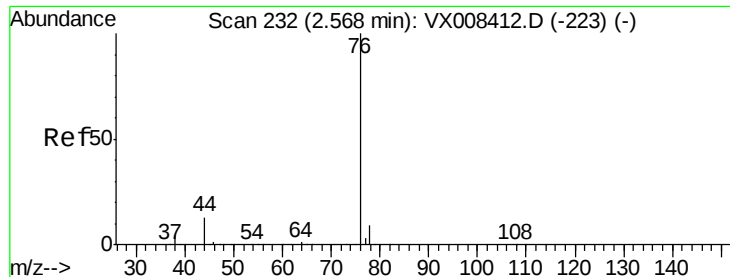
43 100

58 30.7 24.2 36.2



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

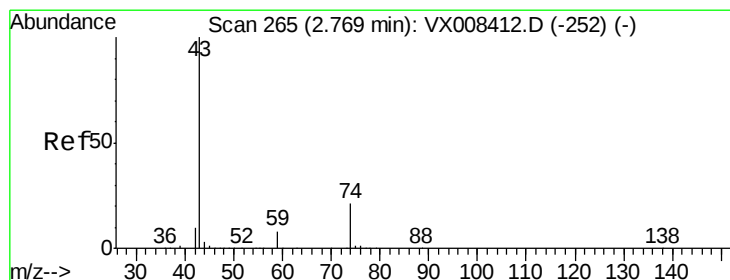
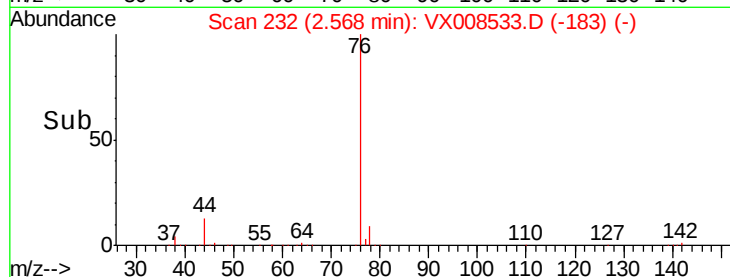
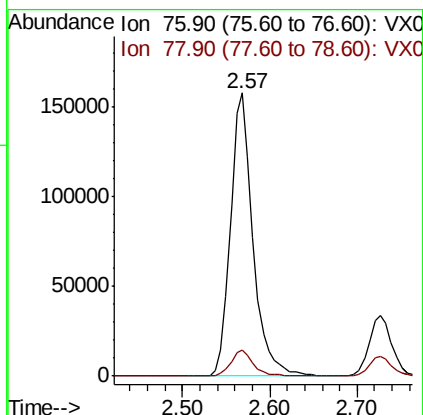
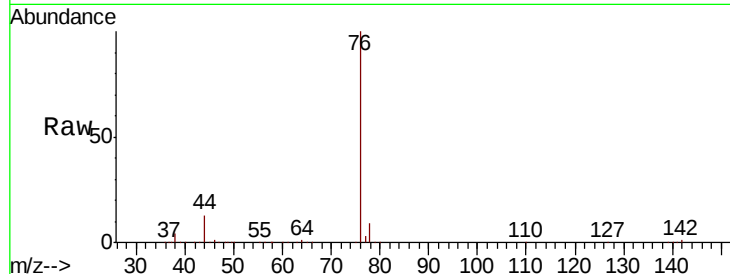




#17
Carbon Disulfide
Concen: 45.971 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

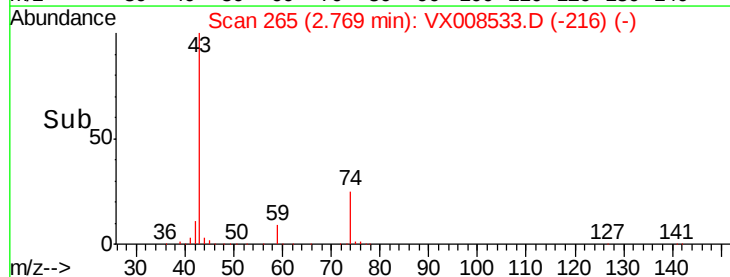
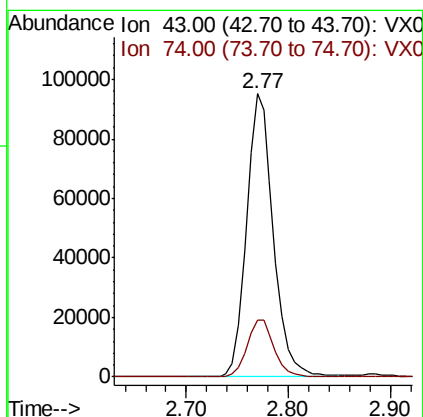
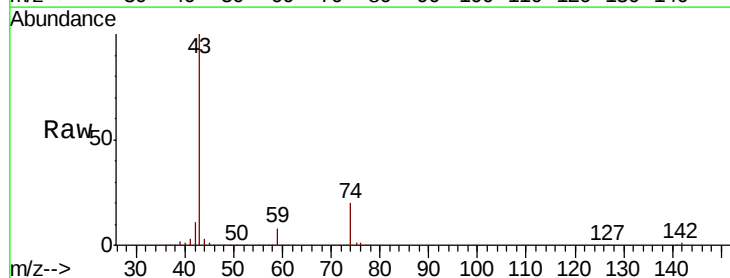
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

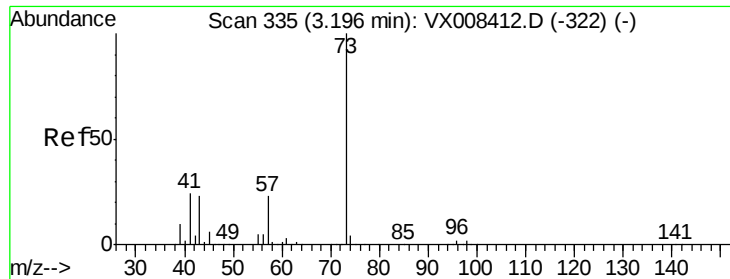
Tot Ion: 76 Resp: 282072
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 49.350 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 43 Resp: 172522
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

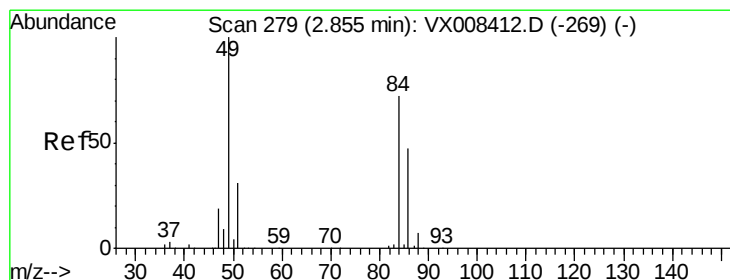
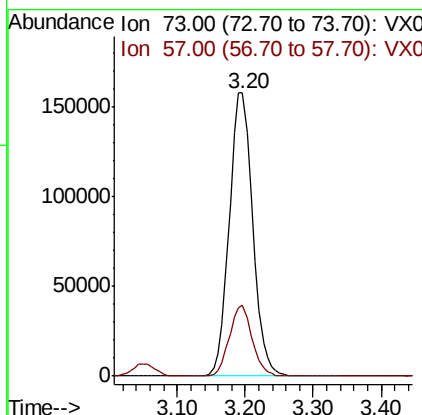
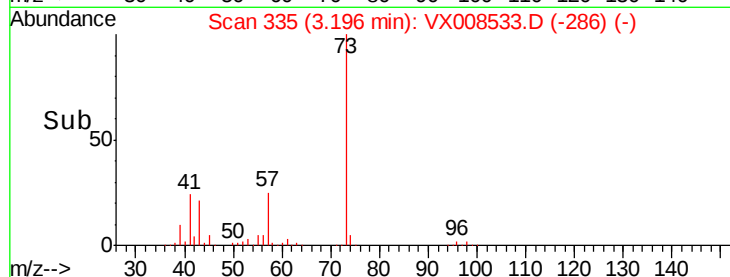
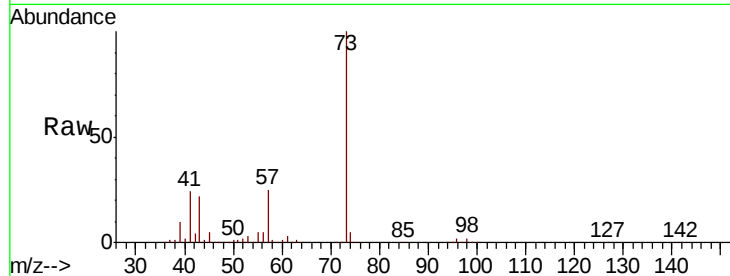




#19
Methvl tert-butvl Ether
Concen: 49.084 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

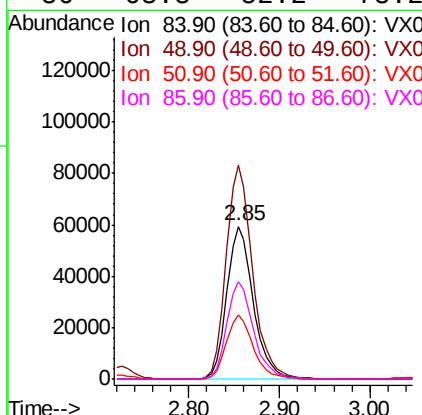
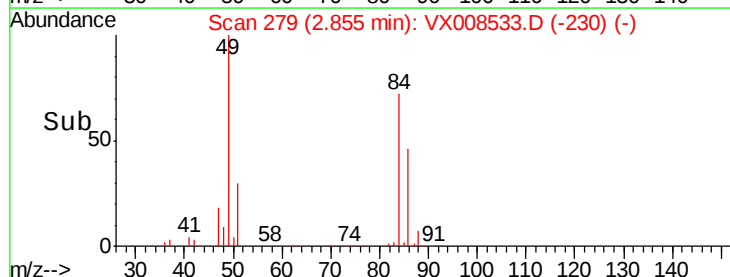
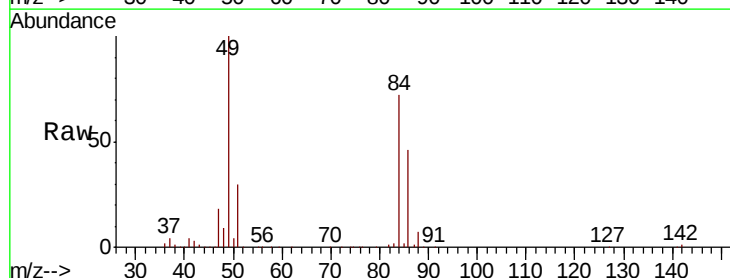
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

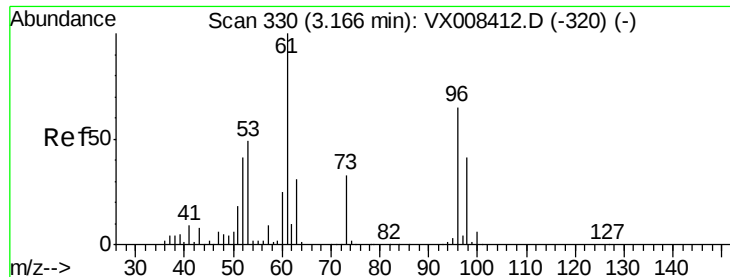
Tot Ion: 73 Resp: 378013
Ion Ratio Lower Upper
73 100
57 25.0 18.6 28.0



#20
Methylene Chloride
Concen: 50.518 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 84 Resp: 119996
Ion Ratio Lower Upper
84 100
49 139.8 110.6 165.8
51 42.1 33.9 50.9
86 63.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.271 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

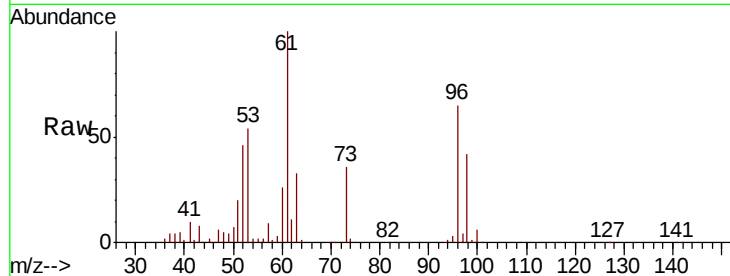
Tot Ion: 96 Resp: 104933

Ion Ratio Lower Upper

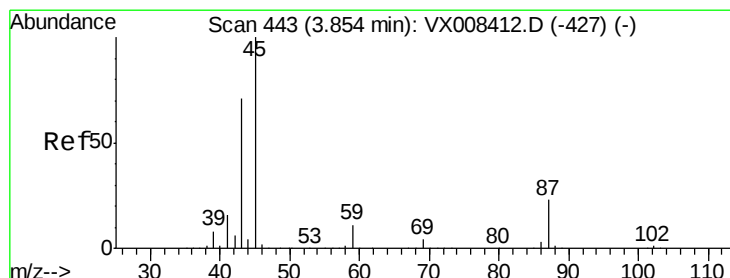
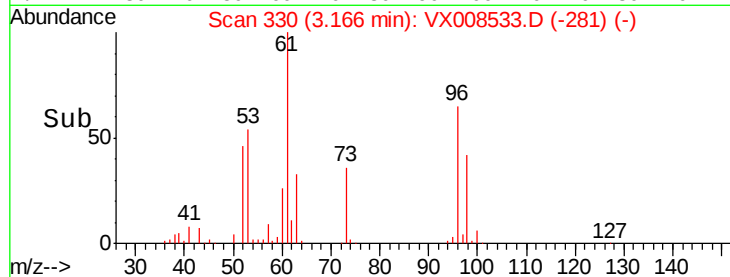
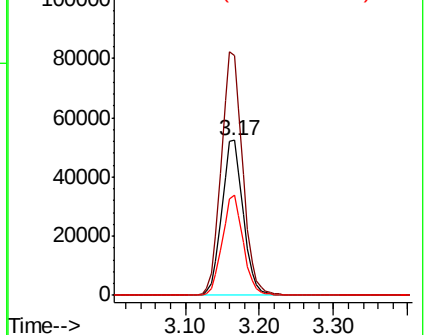
96 100

61 154.3 122.6 184.0

98 64.6 50.9 76.3



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: 48.921 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Tgt Ion: 45 Resp: 453544

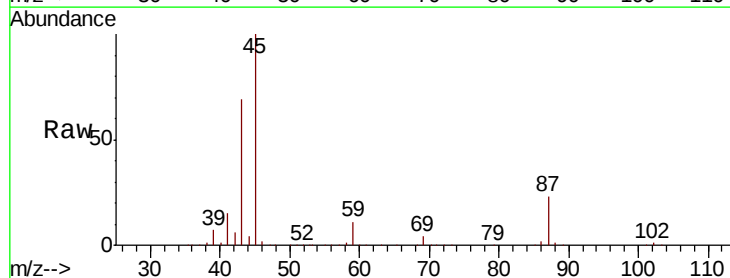
Ion Ratio Lower Upper

45 100

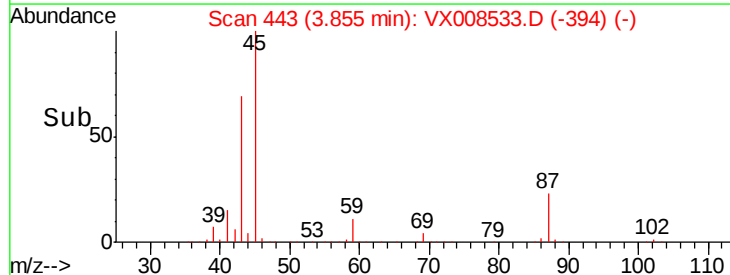
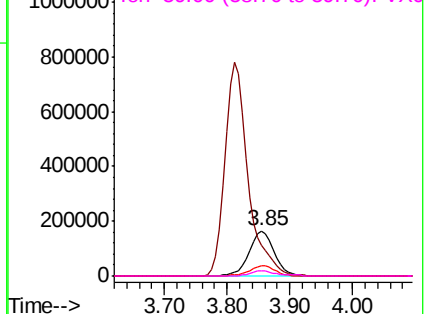
43 68.9 57.1 85.7

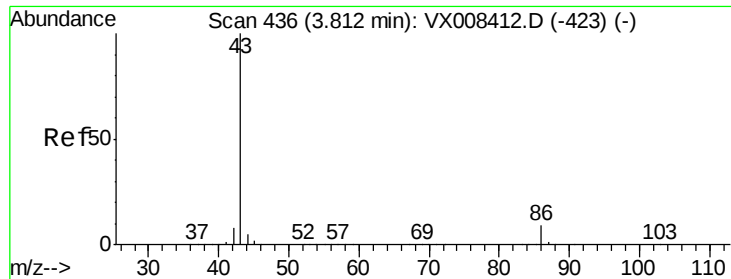
87 23.1 18.8 28.2

59 10.7 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.279 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

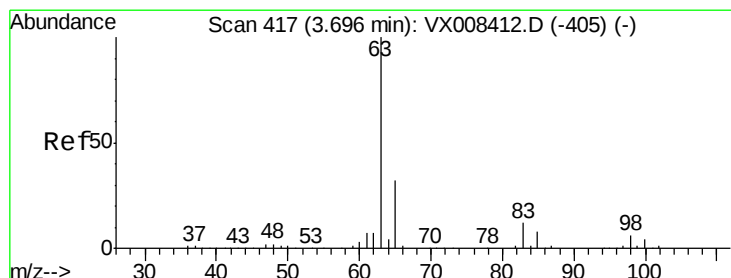
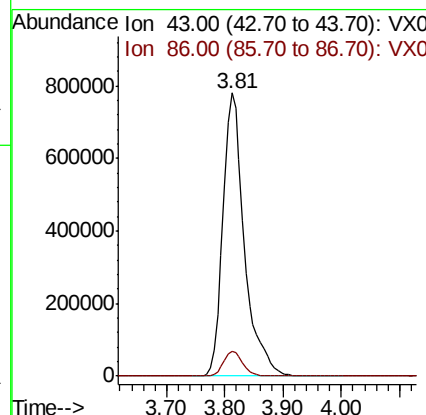
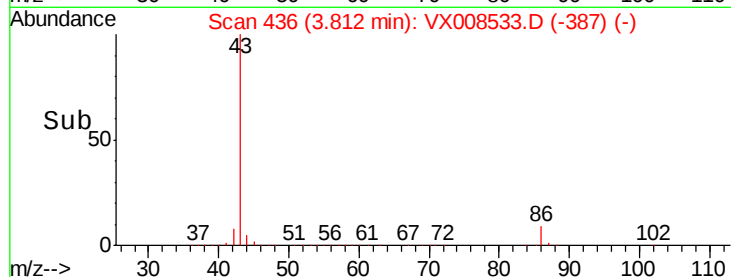
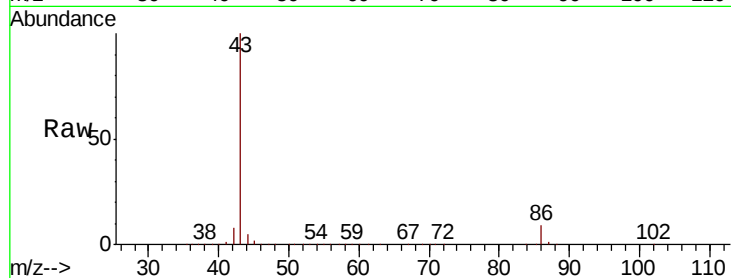
VSTDCCC050EC

Tot Ion: 43 Resp: 1992010

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



#24

1,1-Dichloroethane

Concen: 47.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

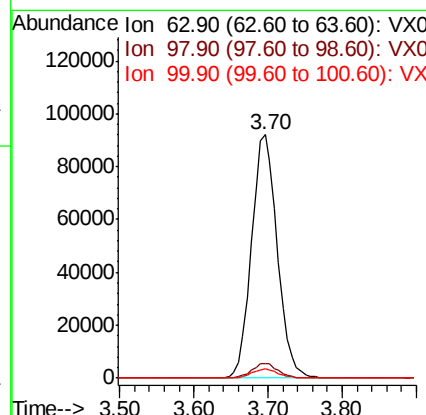
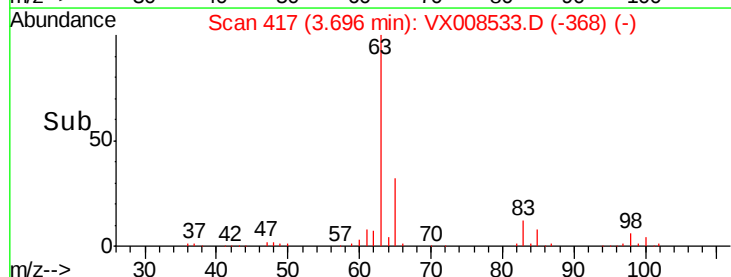
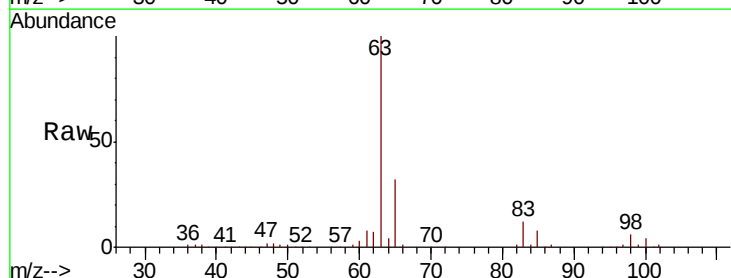
Tgt Ion: 63 Resp: 223763

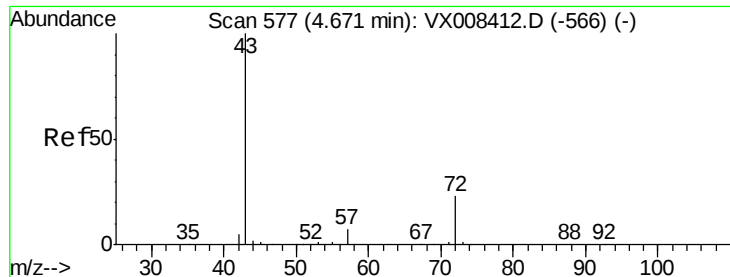
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 241.263 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

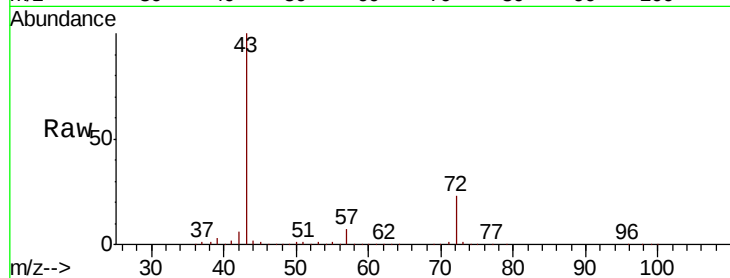
VSTDCCC050EC

Tot Ion: 43 Resp: 562996

Ion Ratio Lower Upper

43 100

72 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

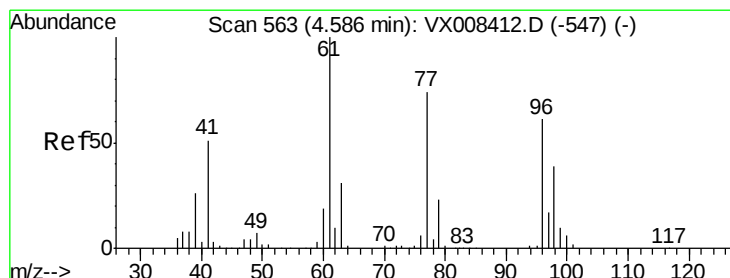
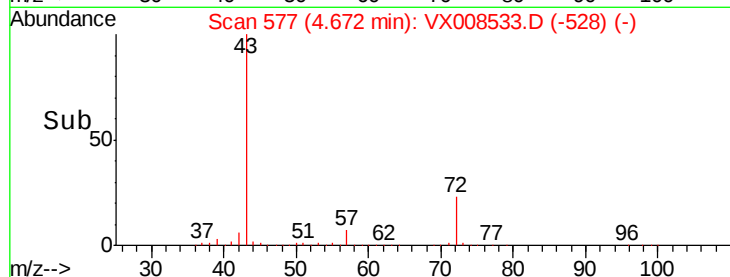
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.216 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008533.D

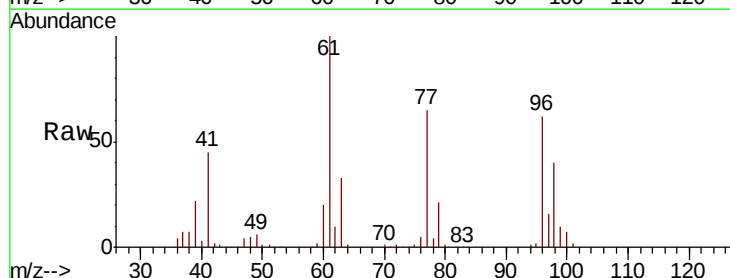
Acq: 28 Mar 2019 20:29

Tgt Ion: 77 Resp: 134537

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

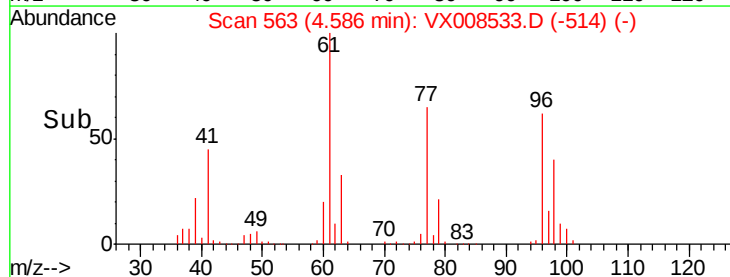
30000

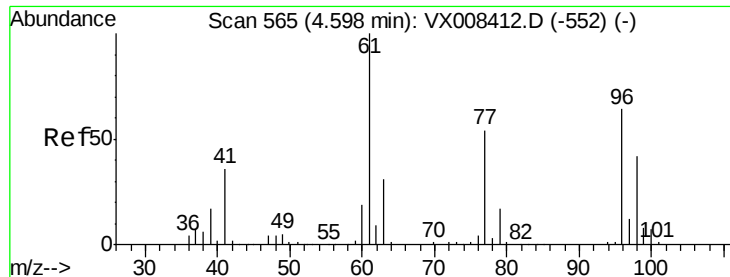
20000

10000

0

Time-->



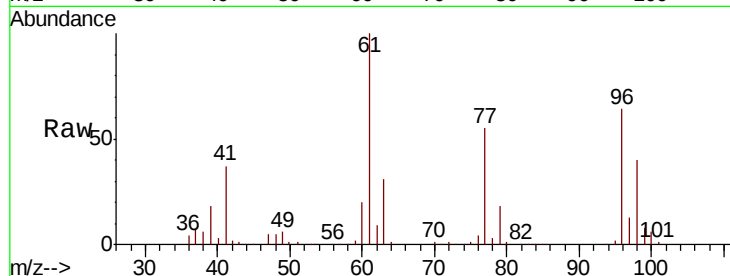


#27

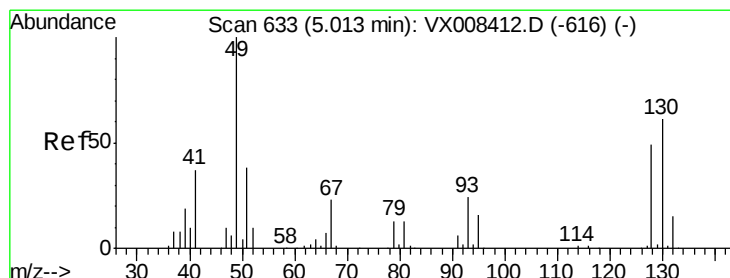
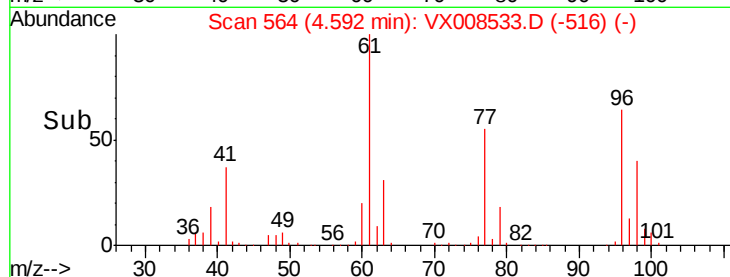
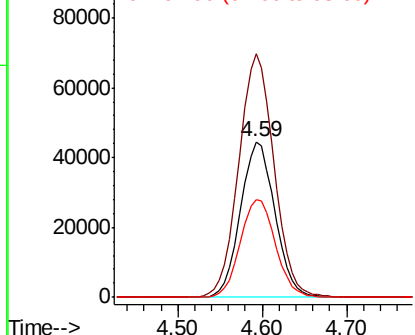
cis-1,2-Dichloroethene
 Concen: 47.376 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	325.6
98	64.4	0.0	130.0



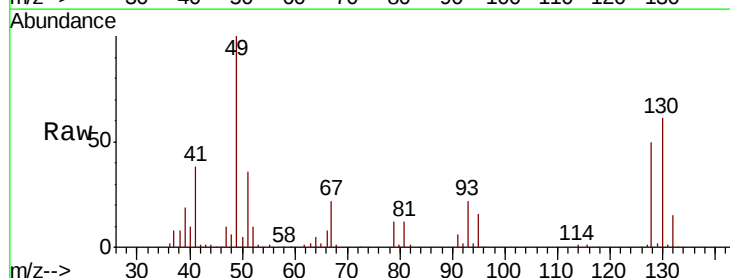
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



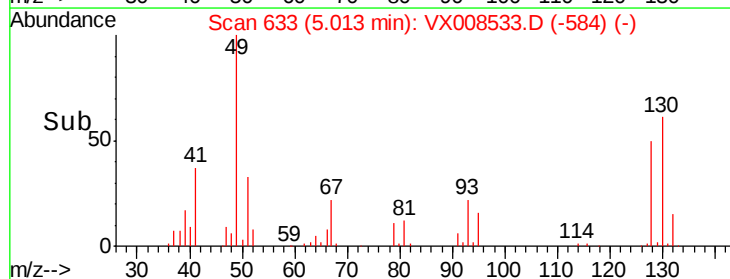
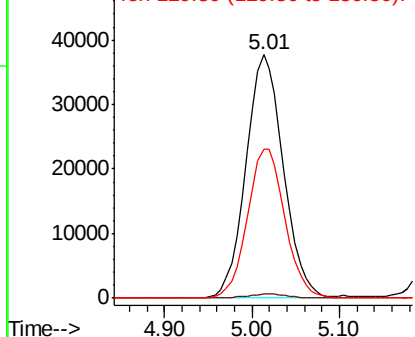
#28

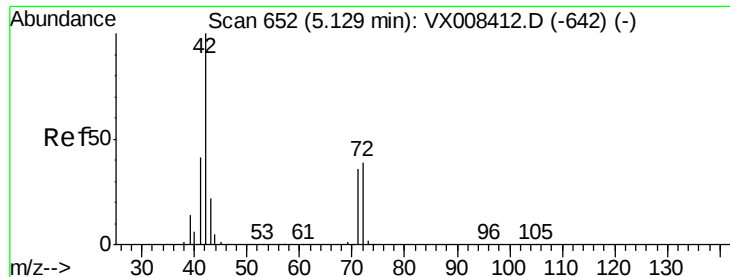
Bromochloromethane
 Concen: 48.495 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	61.5	49.8	74.6



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

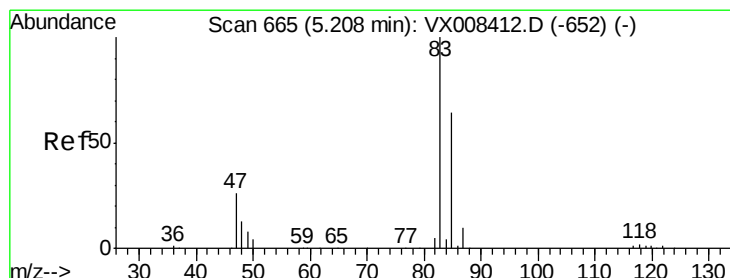
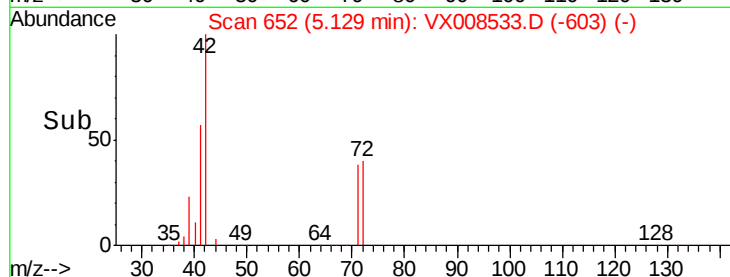
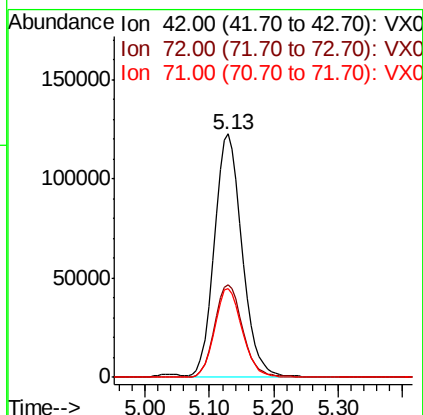
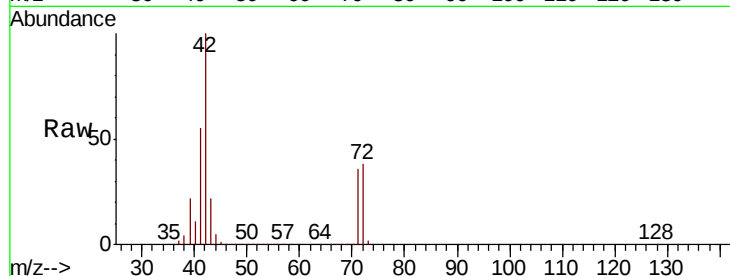




#29
Tetrahydrofuran
Concen: 241.682 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

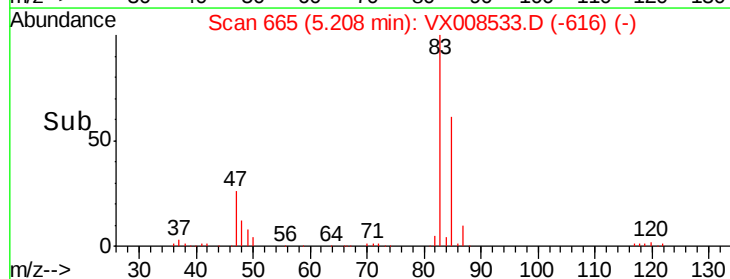
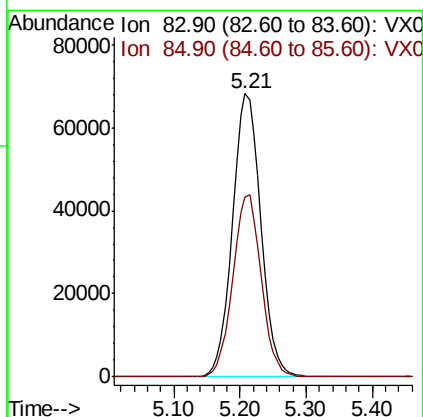
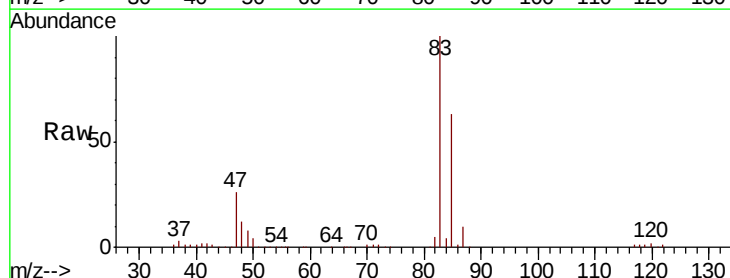
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

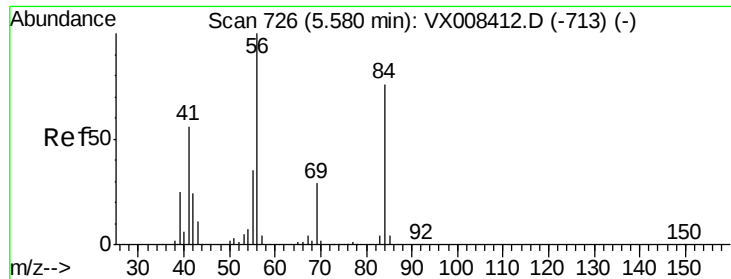
Tot Ion: 42 Resp: 371700
Ion Ratio Lower Upper
42 100
72 38.9 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 48.002 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 83 Resp: 202761
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2

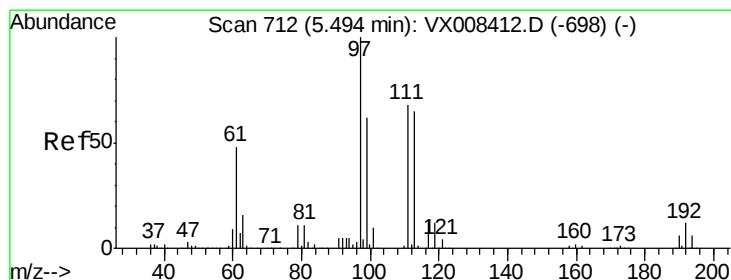
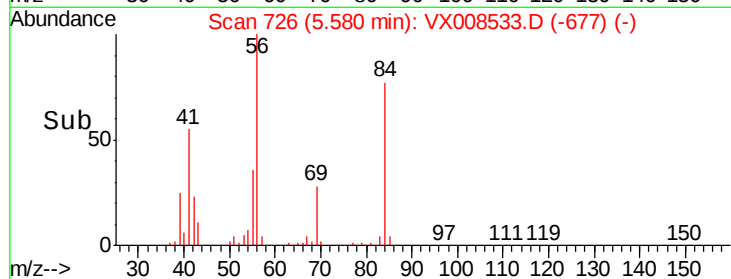
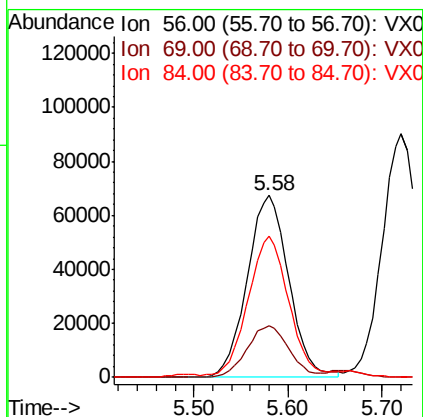
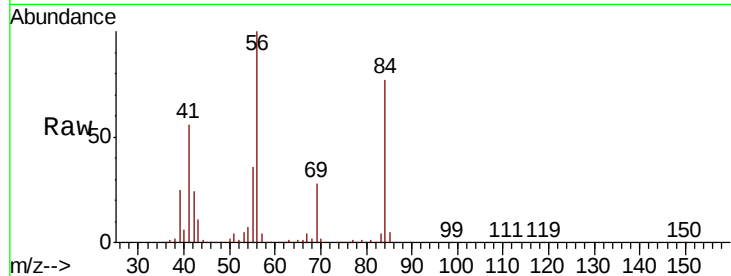




#31
Cyclohexane
Concen: 46.684 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

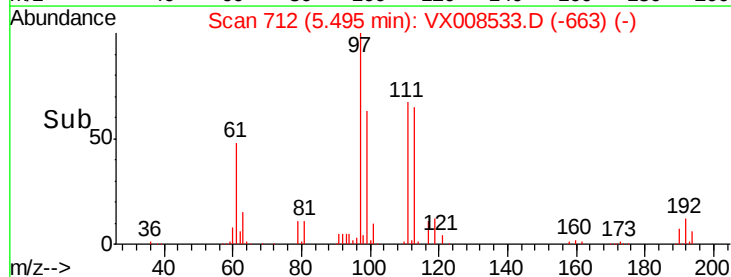
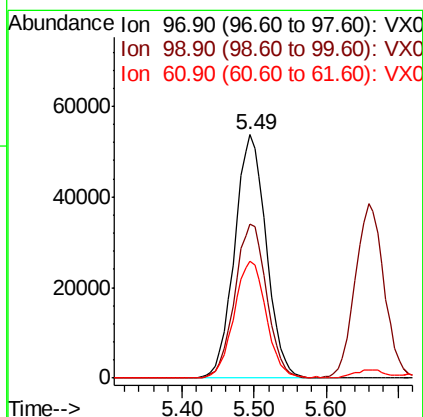
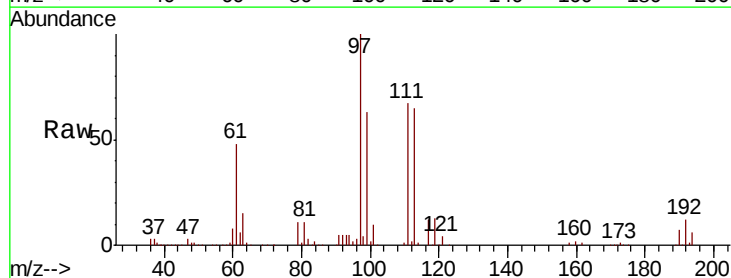
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

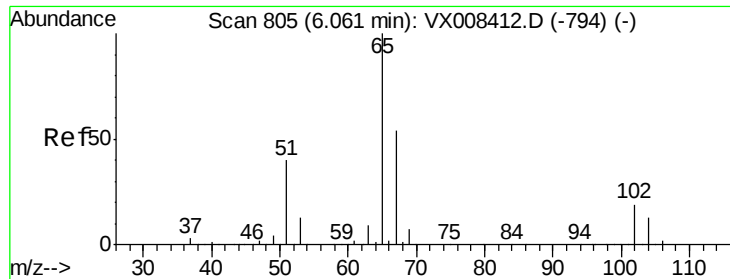
Tot Ion: 56 Resp: 208396
Ion Ratio Lower Upper
56 100
69 28.3 23.2 34.8
84 76.0 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 48.444 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 97 Resp: 163563
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 49.0 38.8 58.2

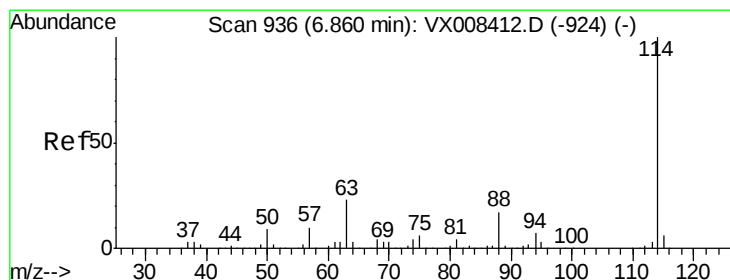
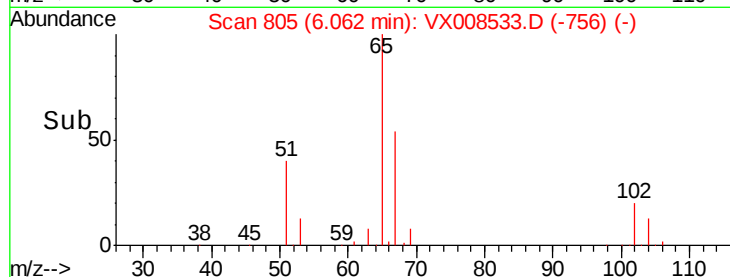
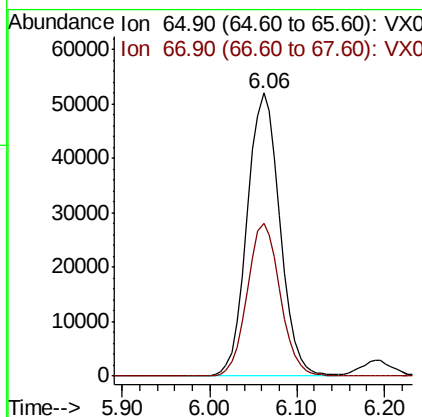
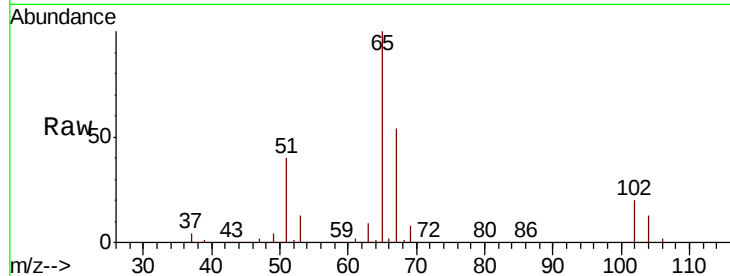




#33
 1,2-Dichloroethane-d4
 Concen: 48.729 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

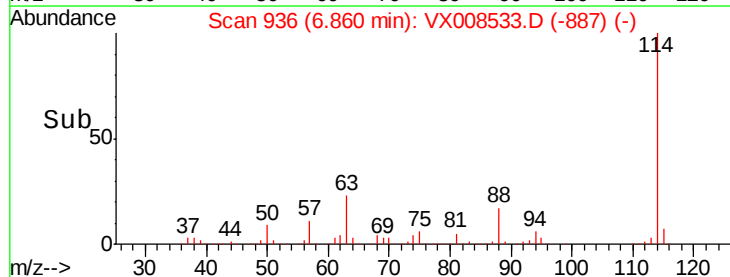
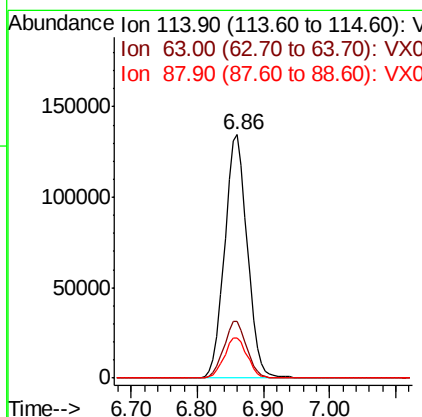
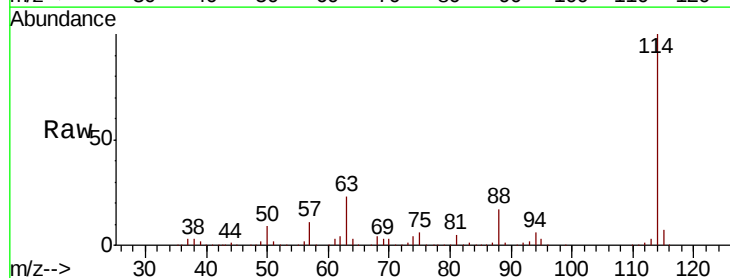
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

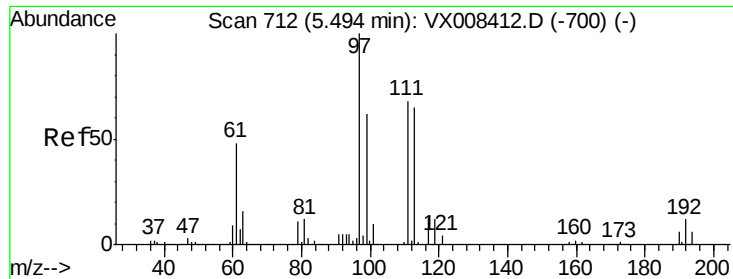
Tot Ion: 65 Resp: 135708
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 114 Resp: 319081
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.6 0.0 33.2

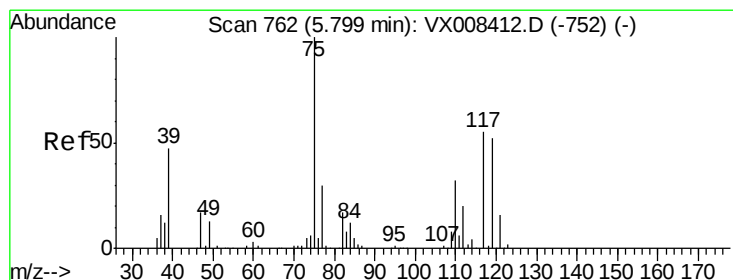
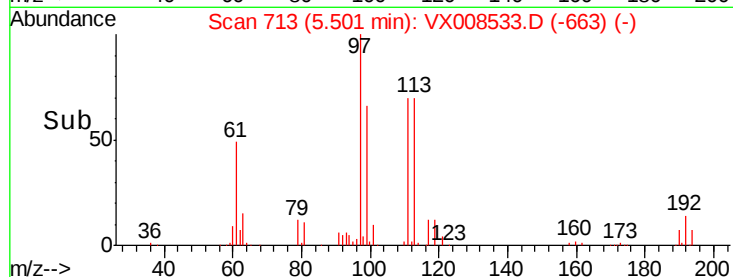
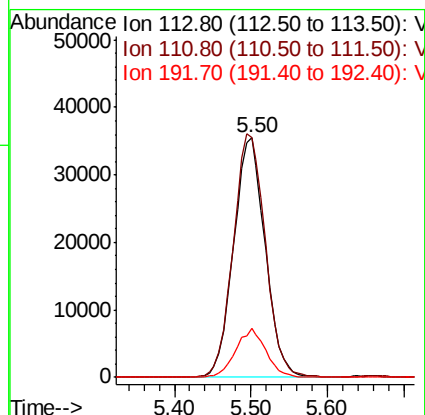
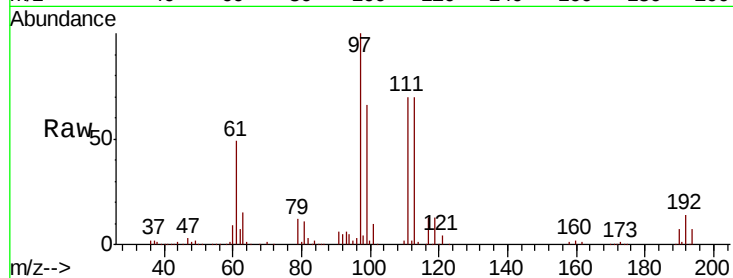




#35
 Dibromofluoromethane
 Concen: 48.755 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

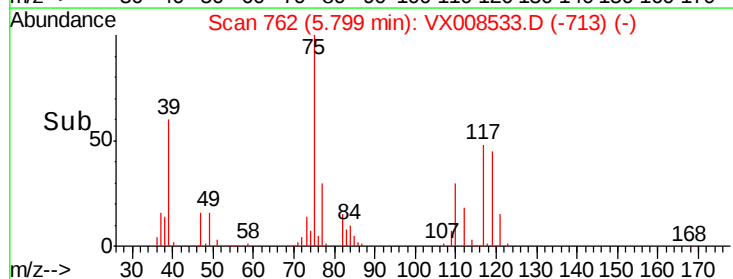
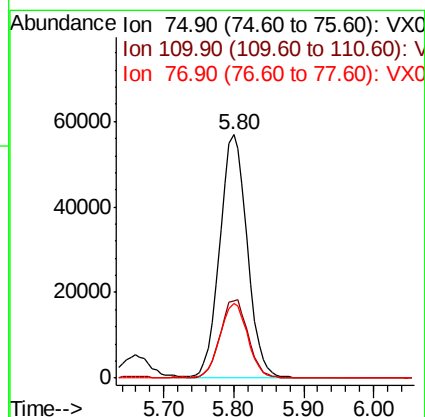
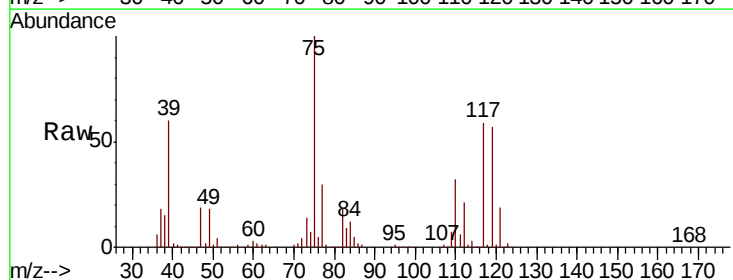
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

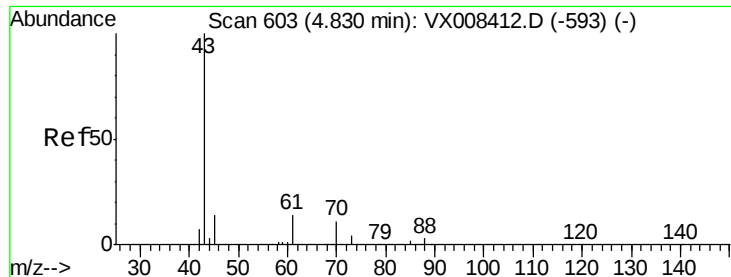
Tot Ion:113 Resp: 101438
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 19.6 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 45.533 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 75 Resp: 154910
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.6 49.7
 77 31.2 24.2 36.2

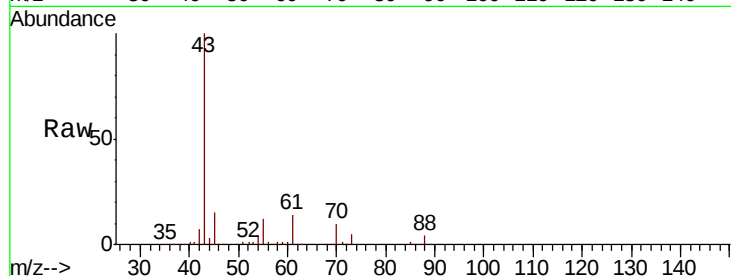




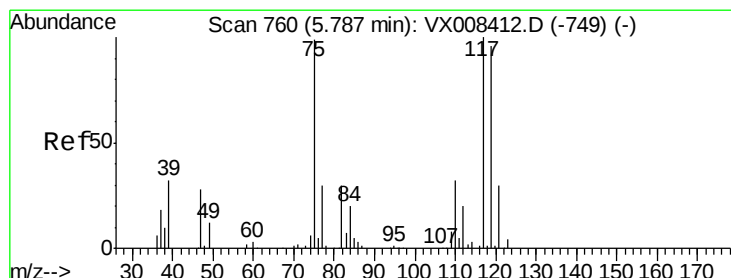
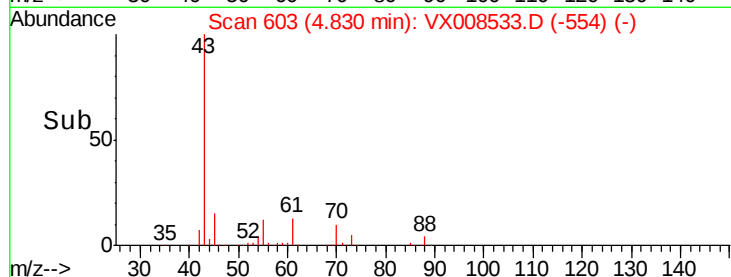
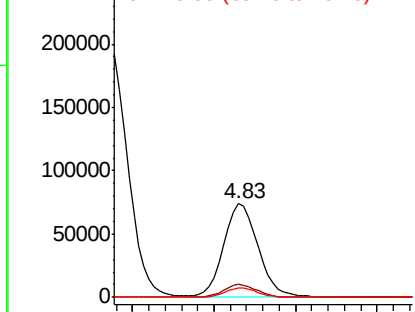
#37
Ethyl Acetate
Concen: 48.824 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 215186
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 9.8 7.8 11.8

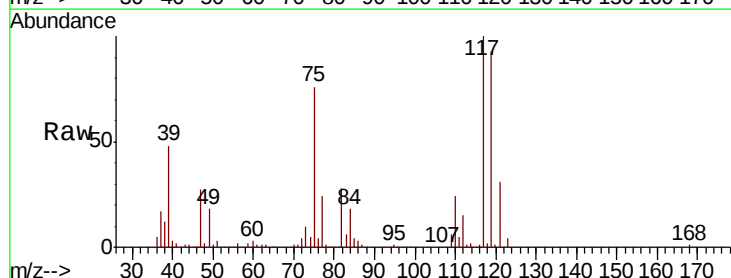


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

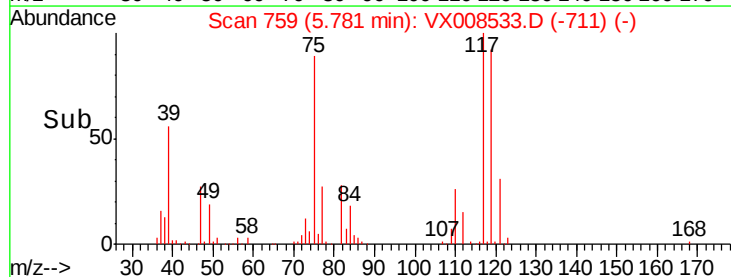
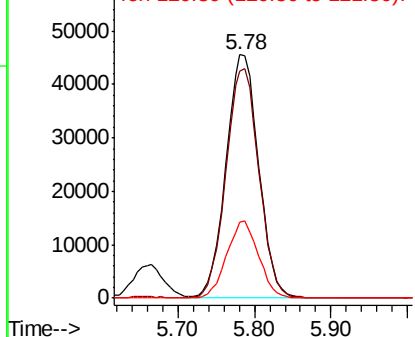


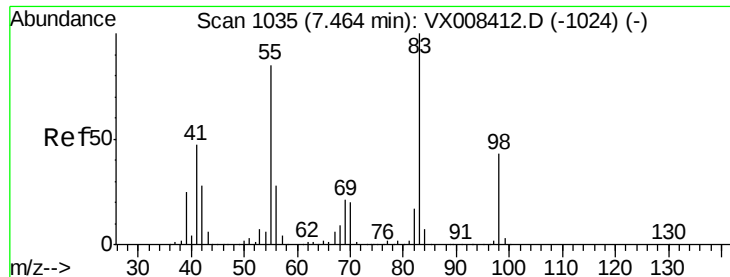
#38
Carbon Tetrachloride
Concen: 47.456 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 117 Resp: 134735
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
121 31.3 24.3 36.5



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

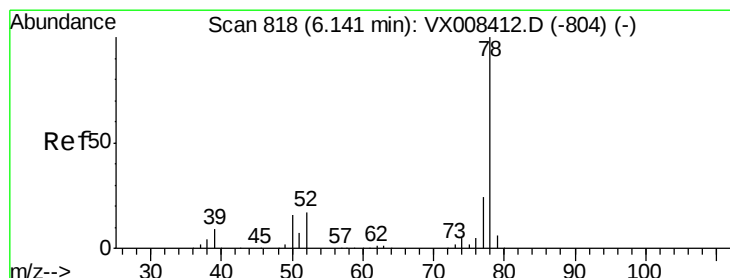
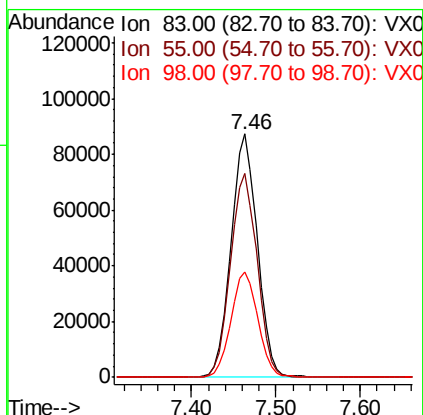
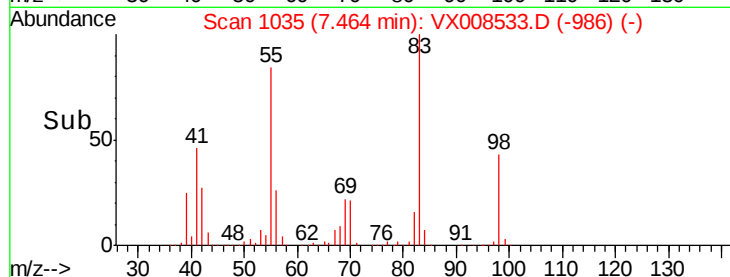
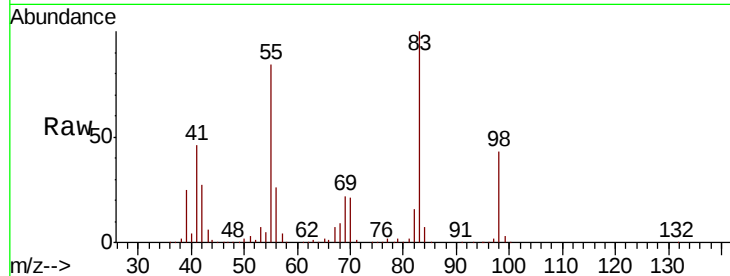




#39
Methvlcvclohexane
Concen: 45.449 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

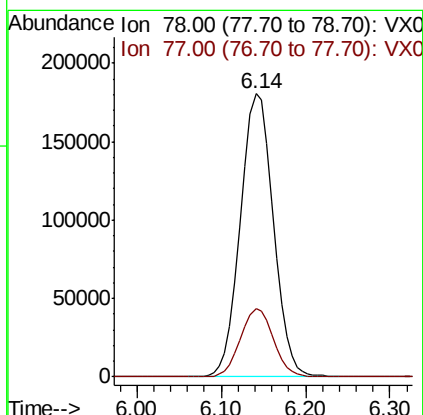
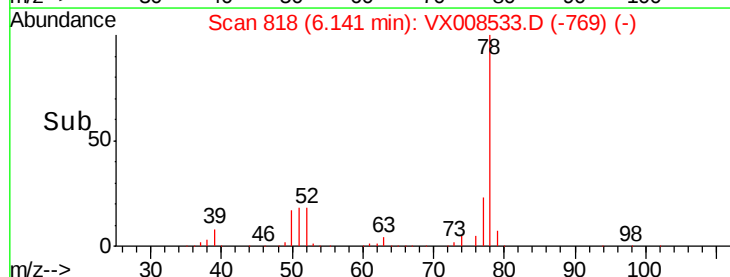
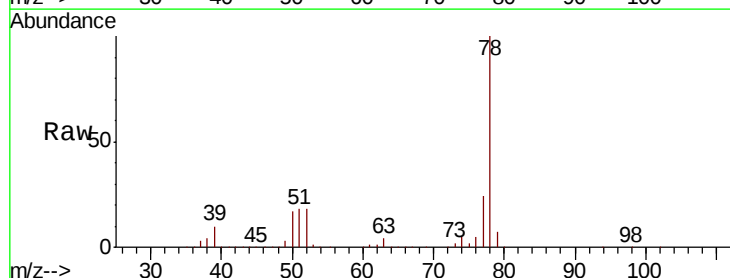
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

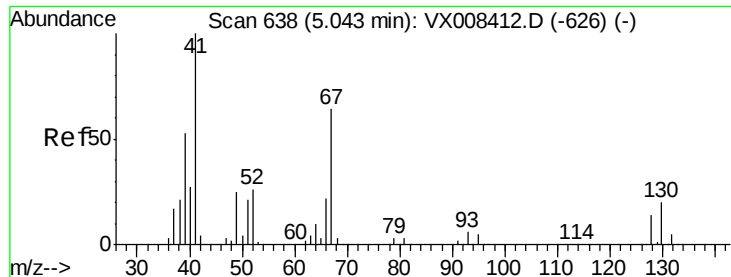
Tot Ion: 83 Resp: 184787
Ion Ratio Lower Upper
83 100
55 83.9 68.2 102.4
98 43.4 34.2 51.4



#40
Benzene
Concen: 46.970 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 78 Resp: 478393
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

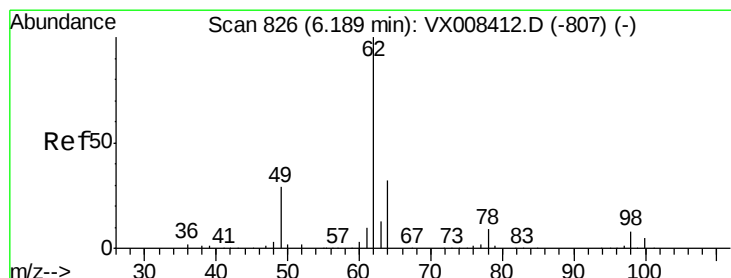
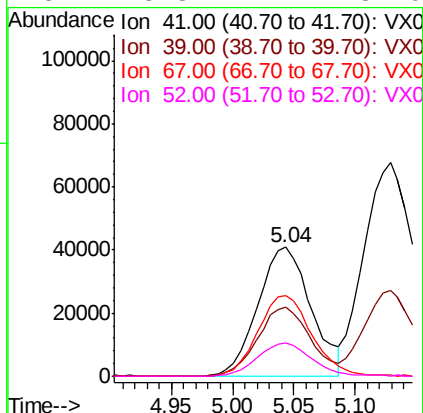
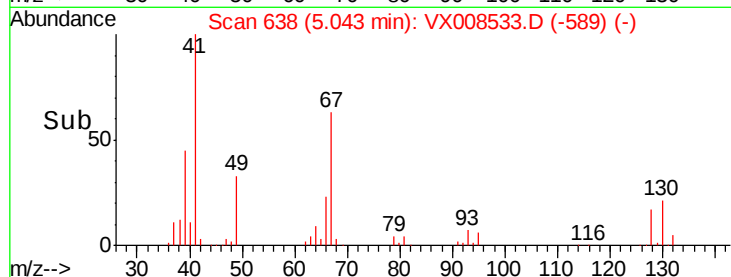
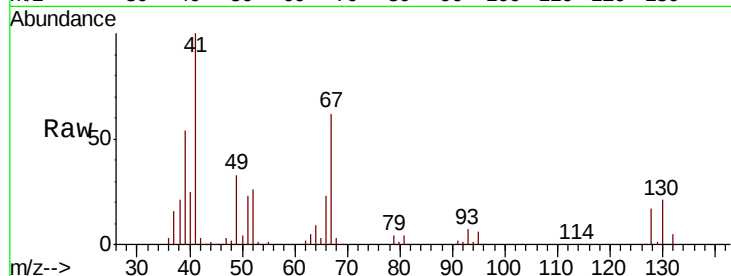




#41
Methacrylonitrile
Concen: 49.868 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

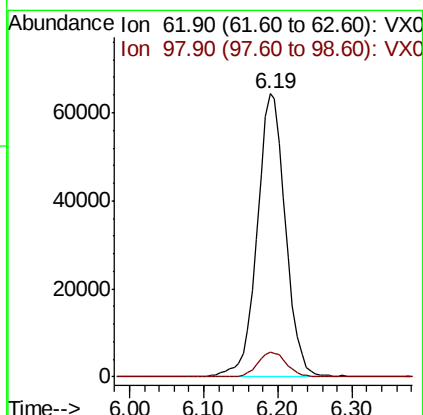
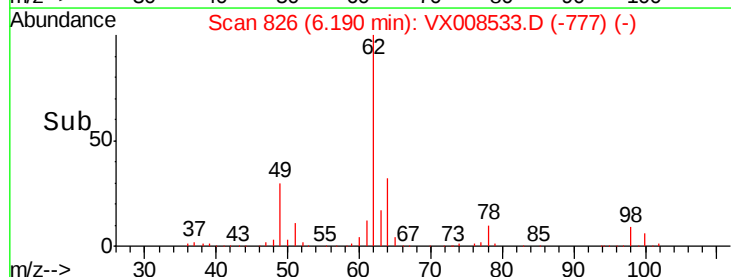
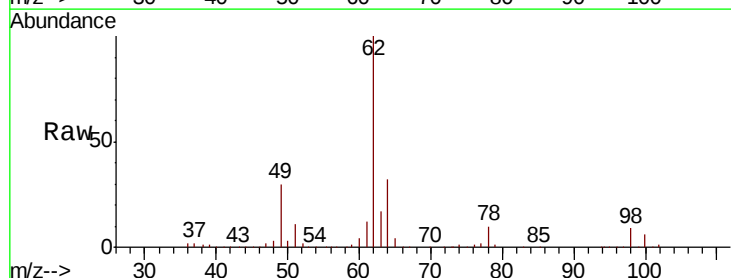
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

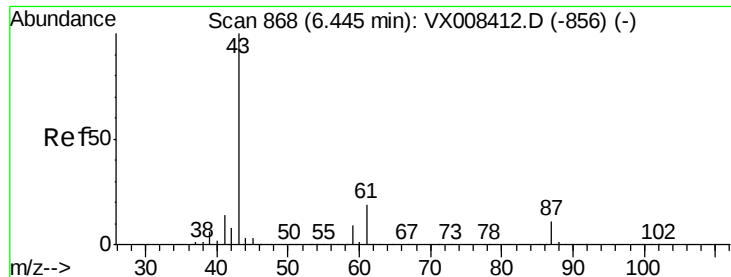
Tot Ion:	41	Resp:	123514
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.6	64.0
67	63.8	52.2	78.4
52	25.8	21.4	32.0



#42
1,2-Dichloroethane
Concen: 45.806 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion:	62	Resp:	170814
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.213 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

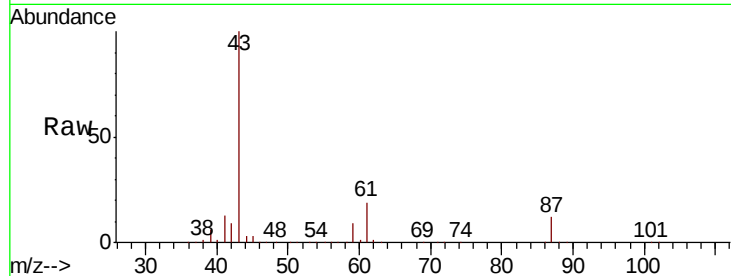
Tot Ion: 43 Resp: 346933

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

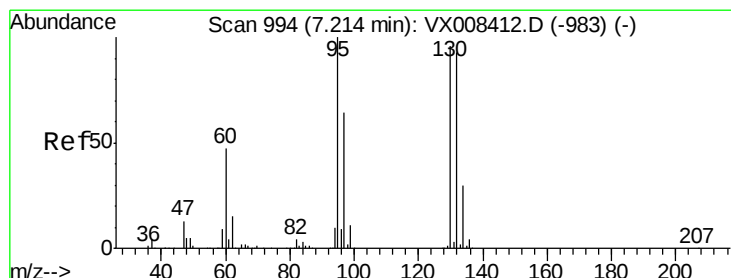
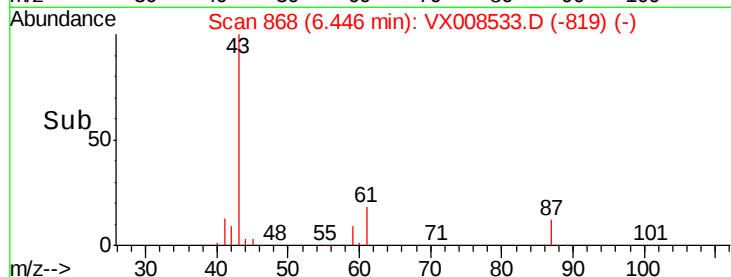
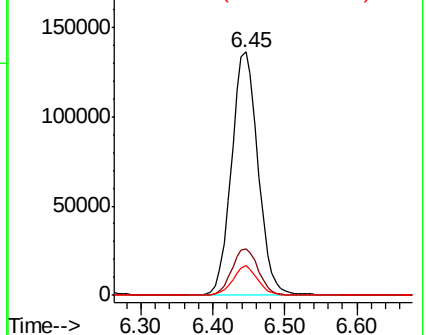
87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.868 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008533.D

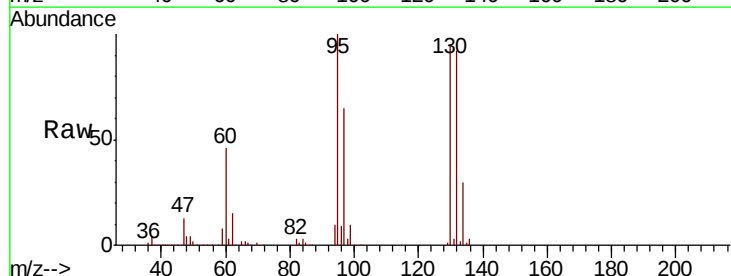
Acq: 28 Mar 2019 20:29

Tgt Ion:130 Resp: 109691

Ion Ratio Lower Upper

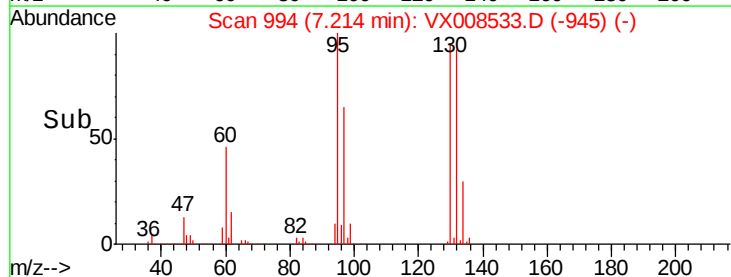
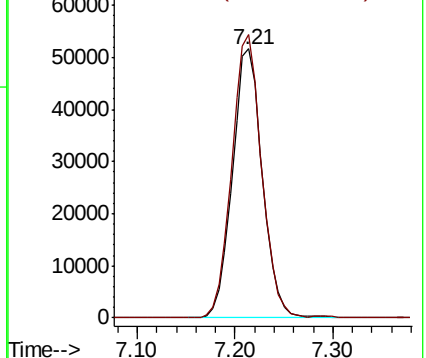
130 100

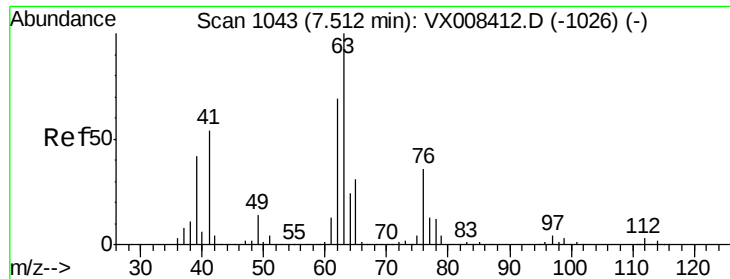
95 105.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

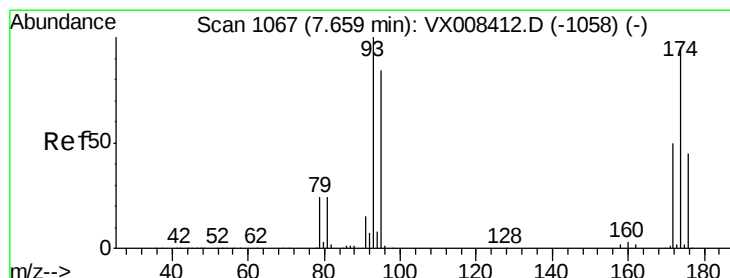
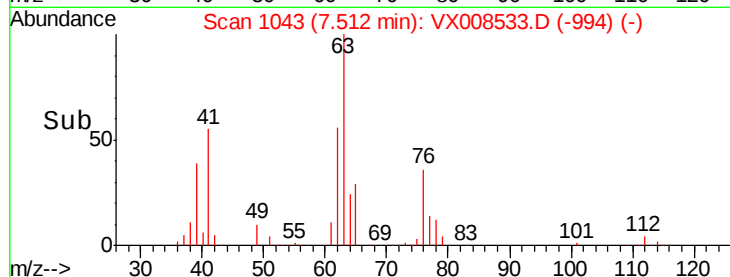
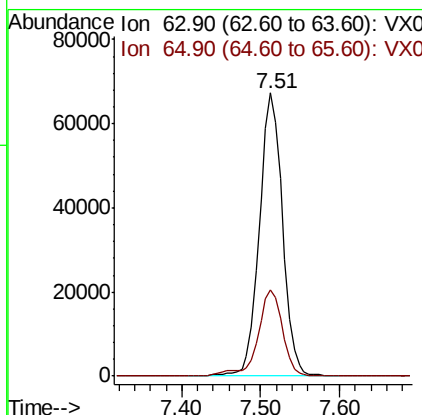
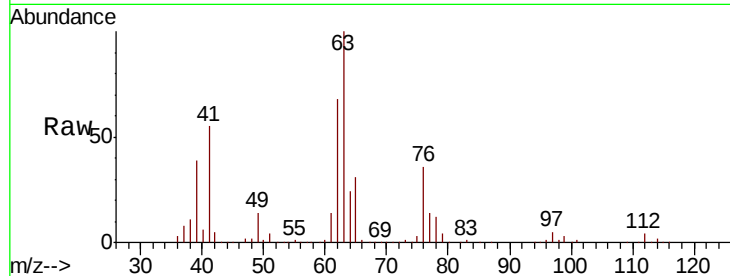




#45
 1,2-Dichloropropane
 Concen: 47.474 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

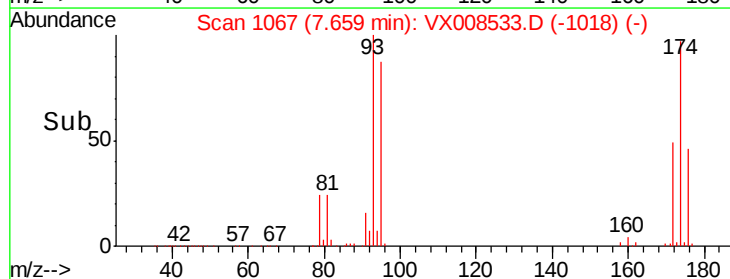
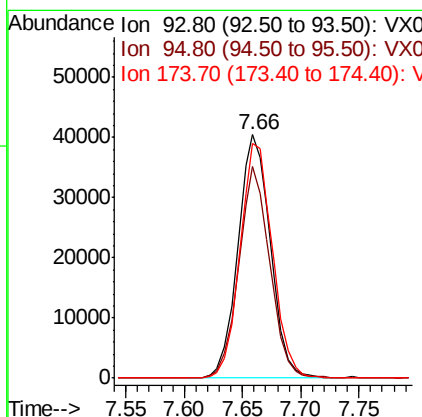
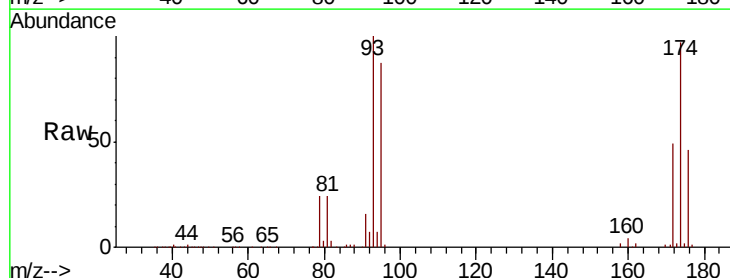
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

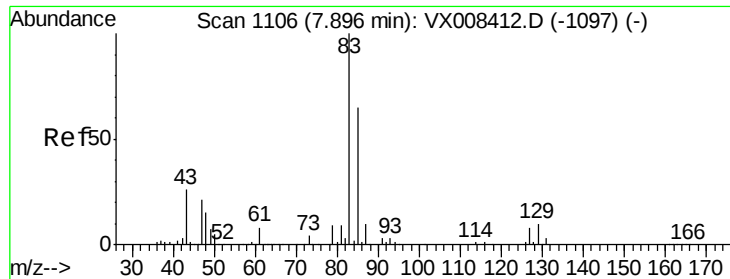
Tot Ion: 63 Resp: 137437
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7



#46
 Dibromomethane
 Concen: 46.254 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 93 Resp: 78193
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 97.0 76.0 114.0

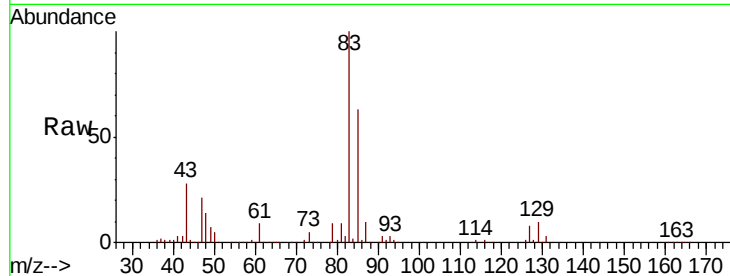




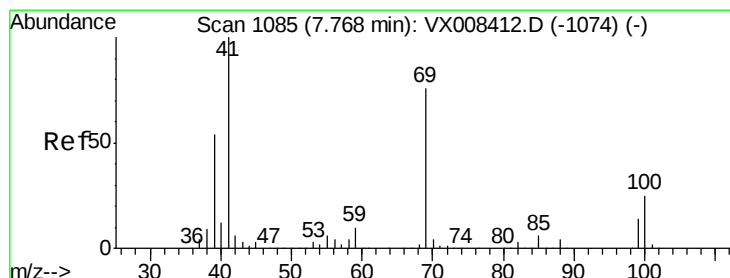
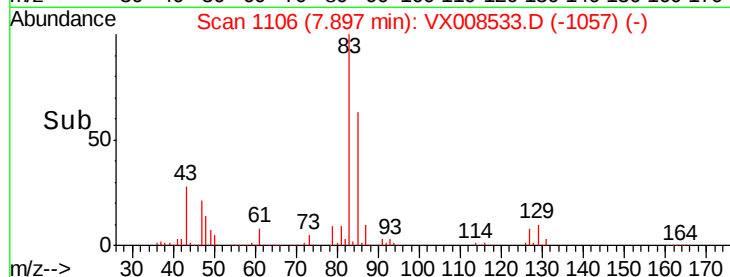
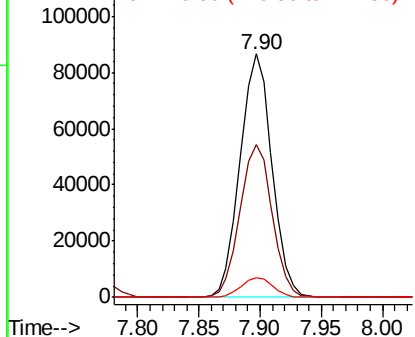
#47
 Bromodichloromethane
 Concen: 48.414 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 156659
 Ion Ratio Lower Upper
 83 100
 85 62.7 52.0 78.0
 127 8.2 6.4 9.6

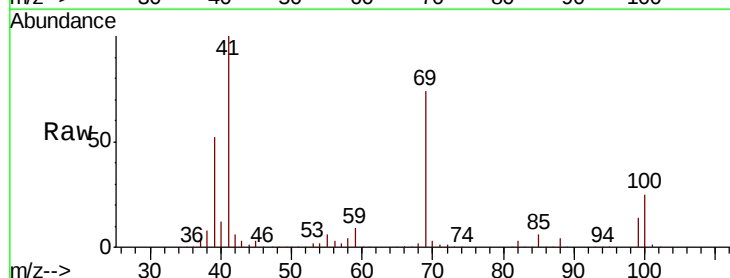


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

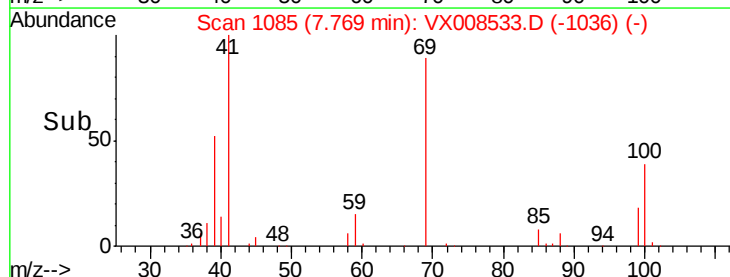
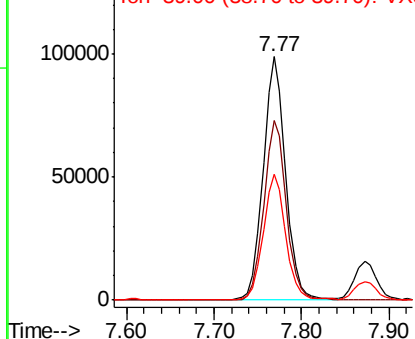


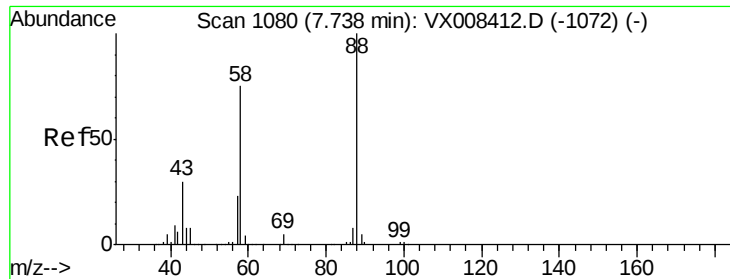
#48
 Methyl methacrylate
 Concen: 49.696 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 41 Resp: 175294
 Ion Ratio Lower Upper
 41 100
 69 74.5 60.8 91.2
 39 51.6 42.3 63.5



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

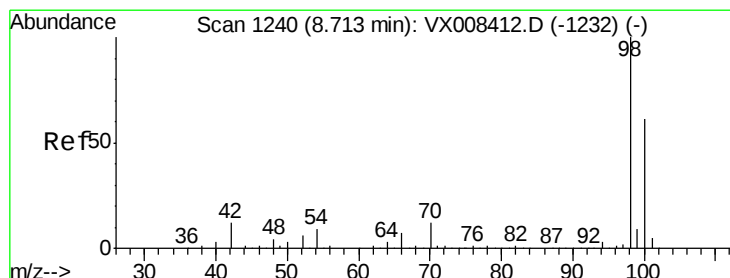
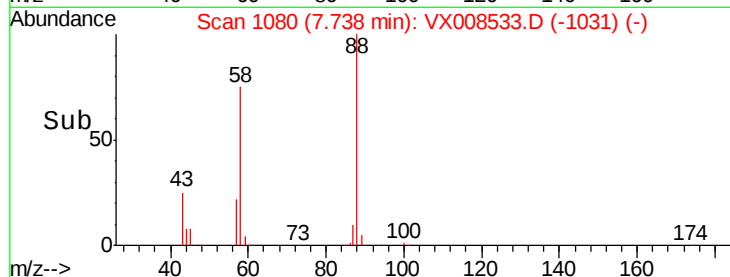
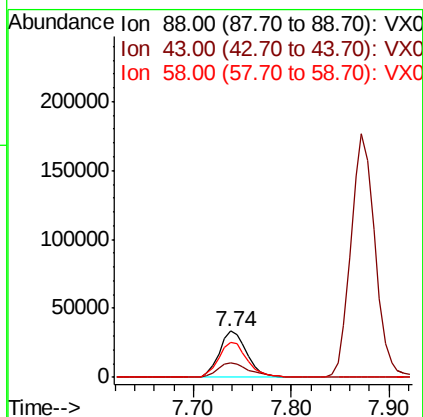
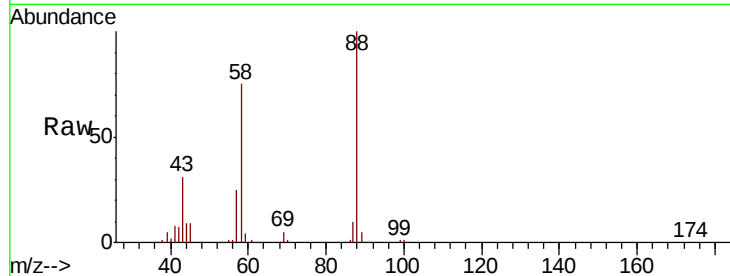




#49
1,4-Dioxane
Concen: 933.363 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

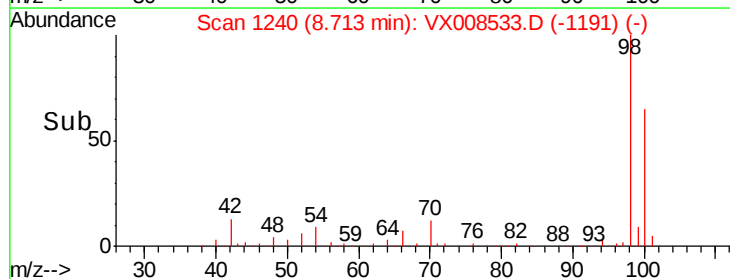
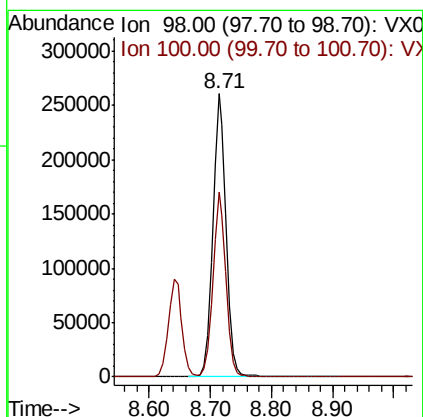
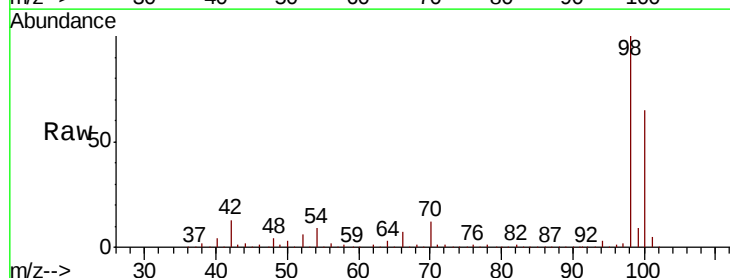
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

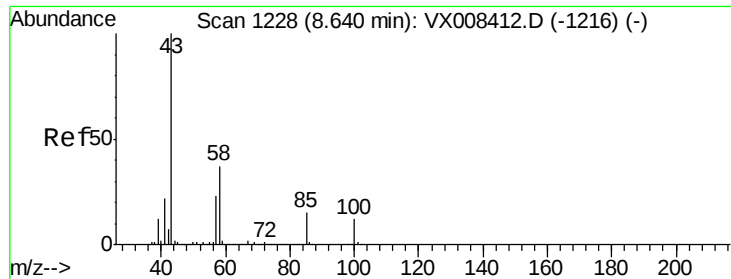
Tot Ion: 88 Resp: 65462
Ion Ratio Lower Upper
88 100
43 36.3 28.6 43.0
58 78.4 63.0 94.4



#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 98 Resp: 404163
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 249.714 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

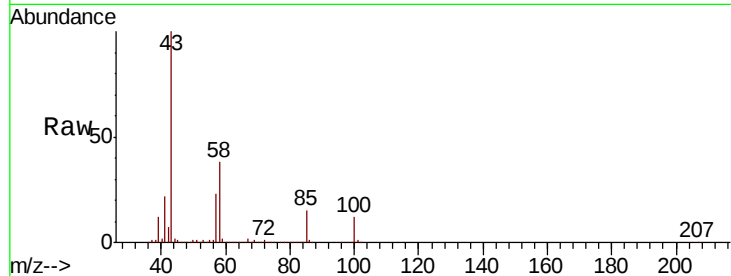
VSTDCCC050EC

Tot Ion: 43 Resp: 1143385

Ion Ratio Lower Upper

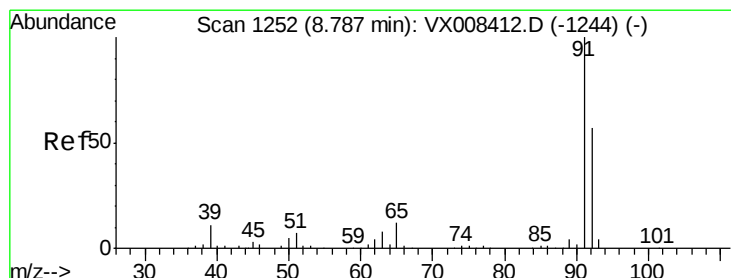
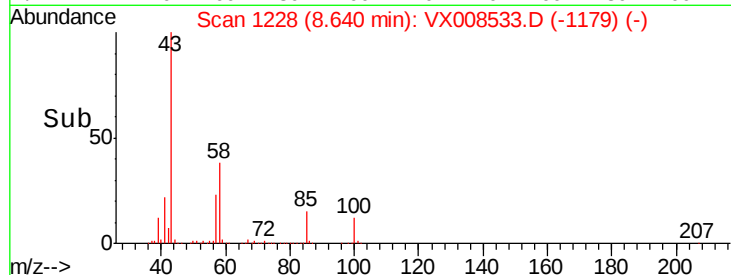
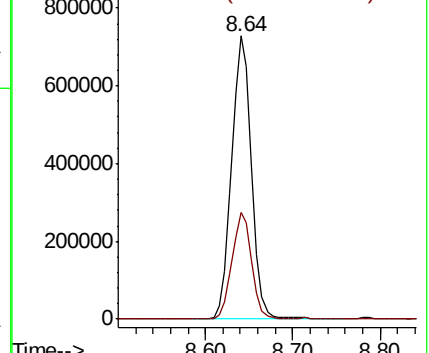
43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.269 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008533.D

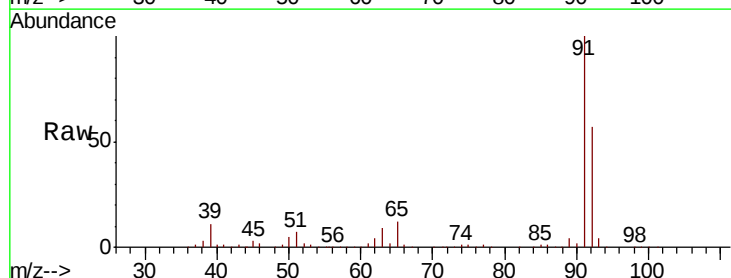
Acq: 28 Mar 2019 20:29

Tgt Ion: 92 Resp: 287862

Ion Ratio Lower Upper

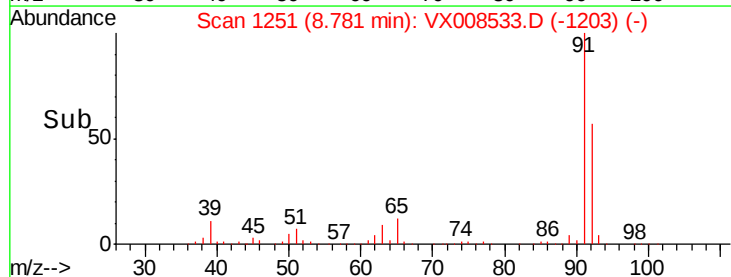
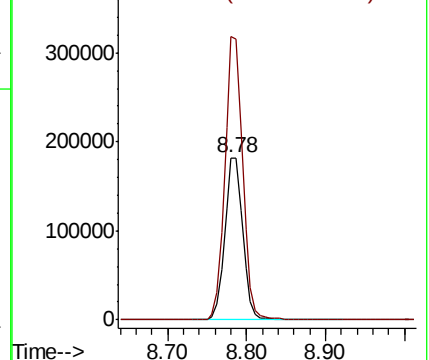
92 100

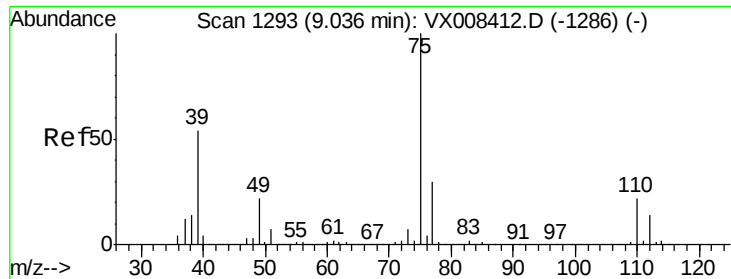
91 173.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

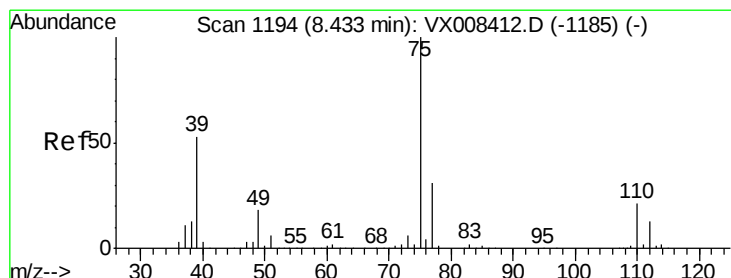
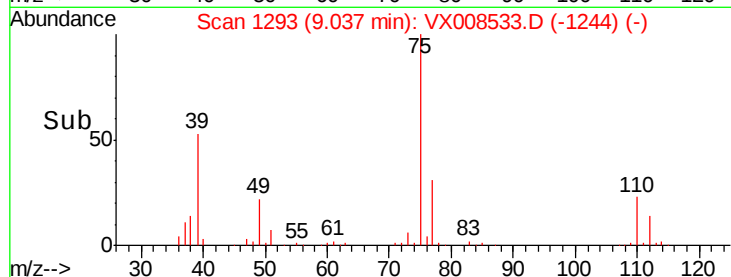
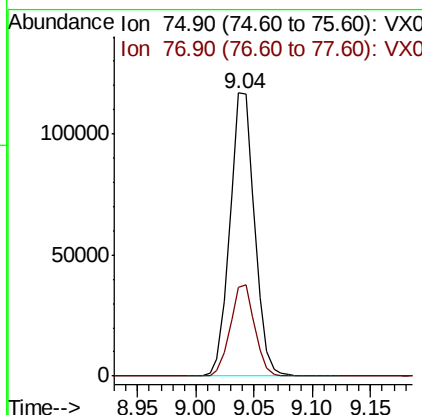
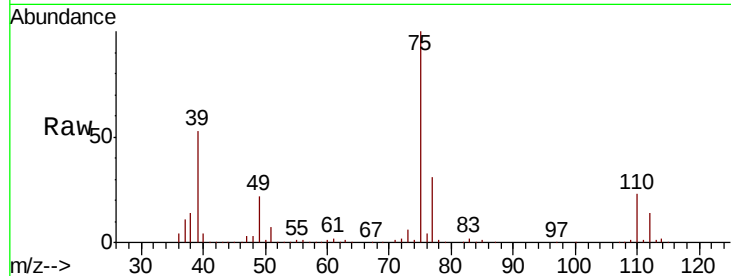




#53
 t-1,3-Dichloropropene
 Concen: 48.791 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

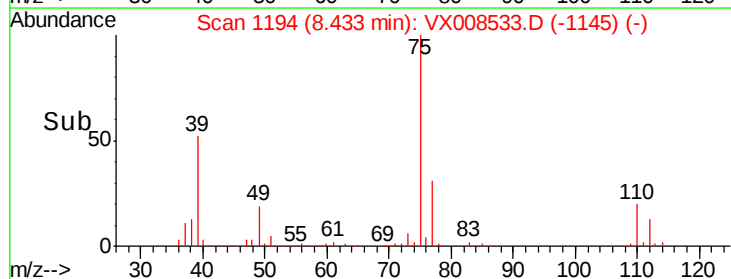
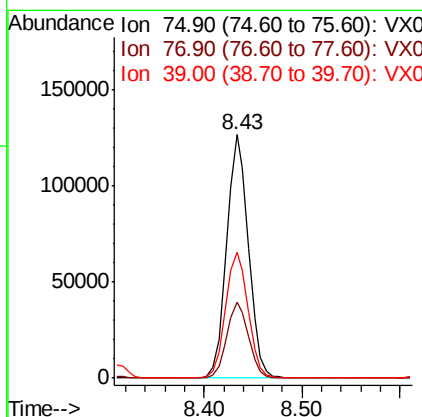
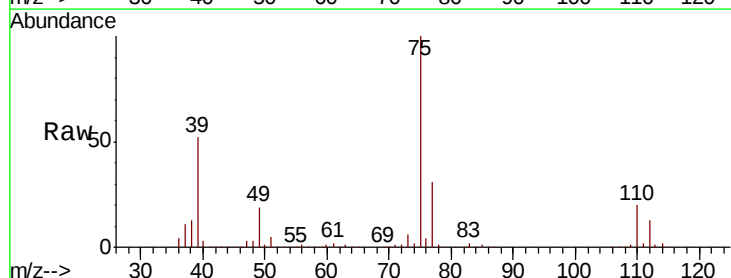
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

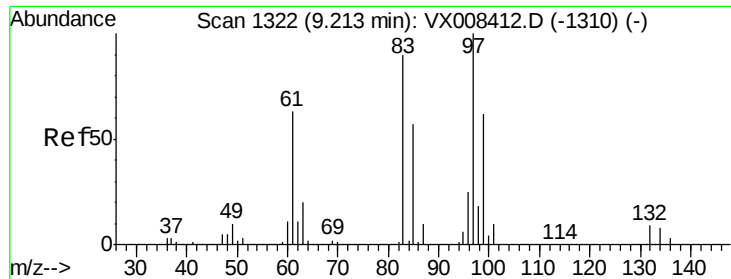
Tot Ion: 75 Resp: 172926
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.281 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 75 Resp: 194582
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 51.7 42.4 63.6



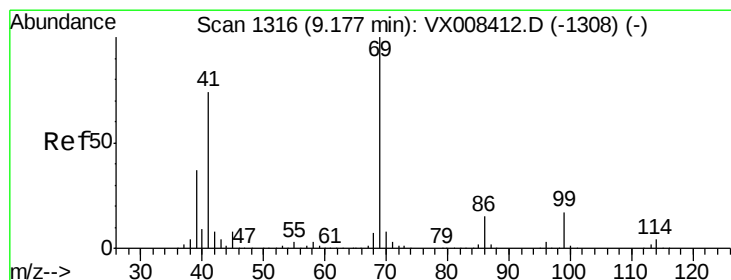
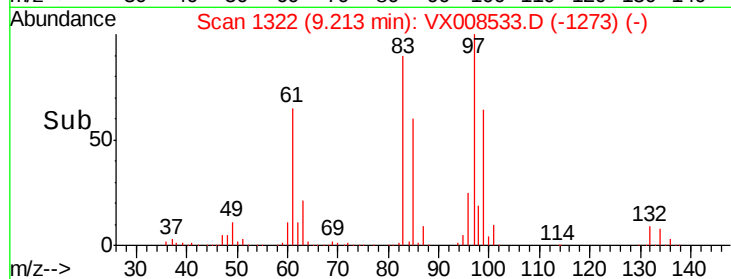
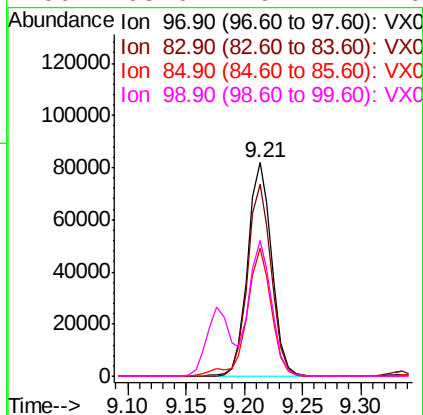
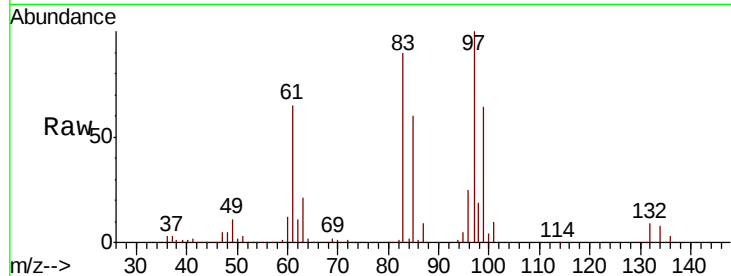


#55
 1,1,2-Trichloroethane
 Concen: 47.779 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 118444

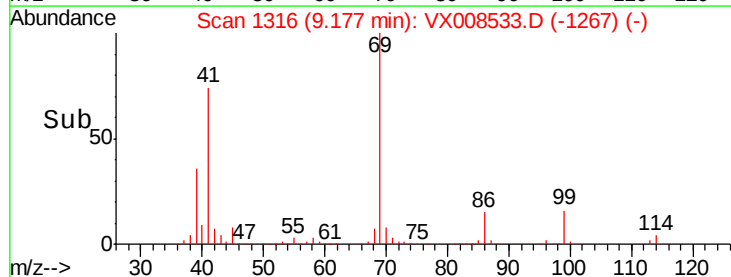
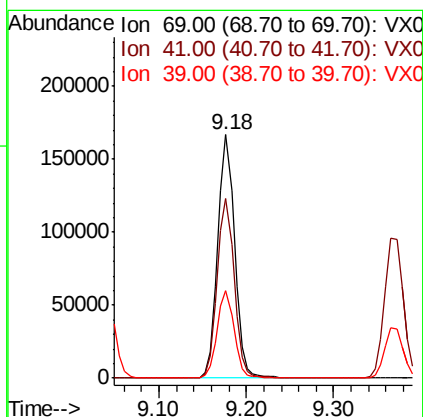
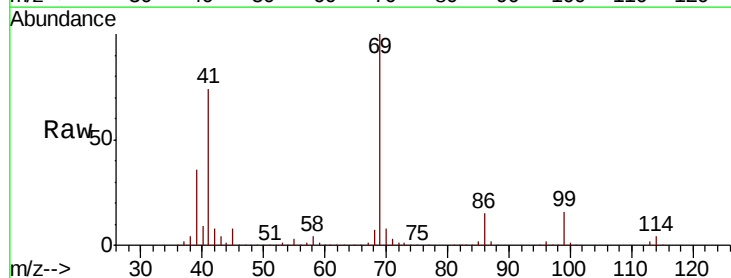
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.8	107.6
85	60.1	45.9	68.9
99	63.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.831 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 69 Resp: 222987

Ion	Ratio	Lower	Upper
69	100		
41	74.4	59.5	89.3
39	35.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 47.427 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

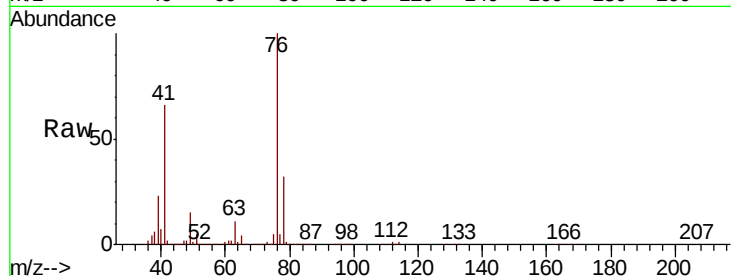
VSTDCCC050EC

Tot Ion: 76 Resp: 210798

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

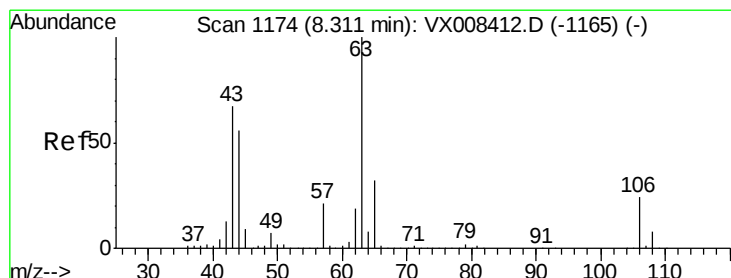
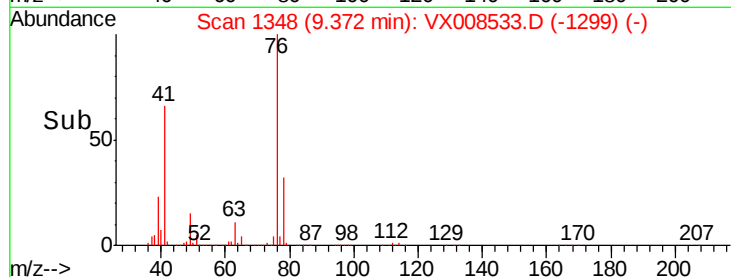
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.493 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008533.D

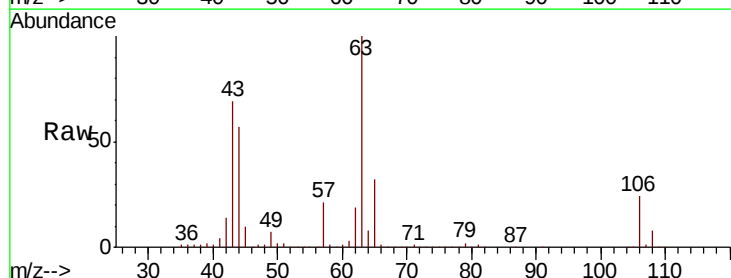
Acq: 28 Mar 2019 20:29

Tgt Ion: 63 Resp: 544723

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

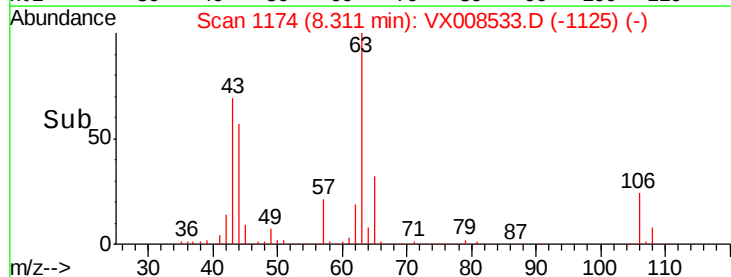
200000

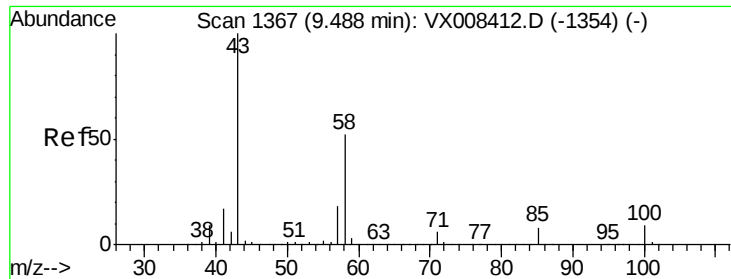
100000

0

8.20 8.30 8.40

Time-->

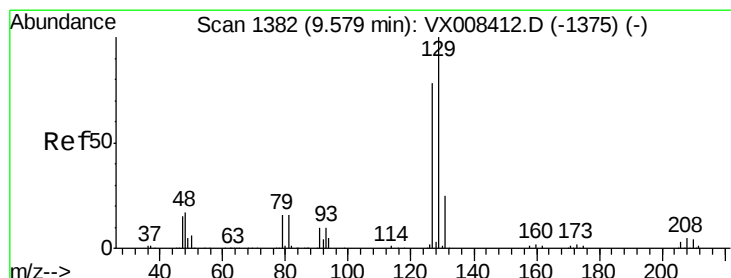
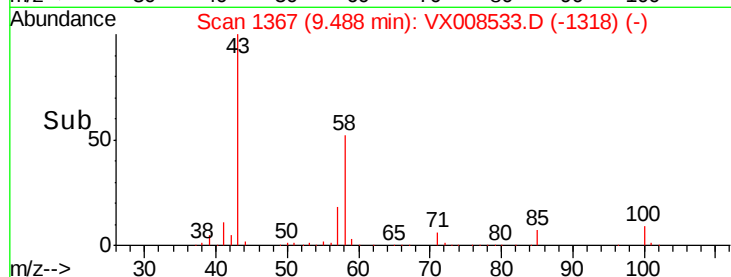
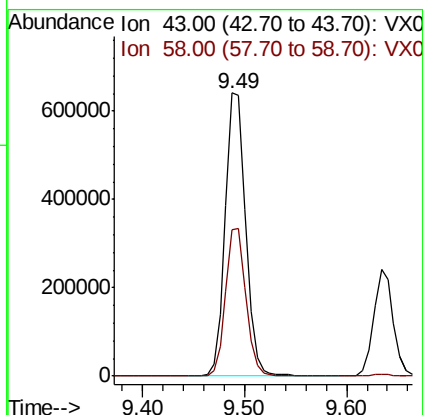
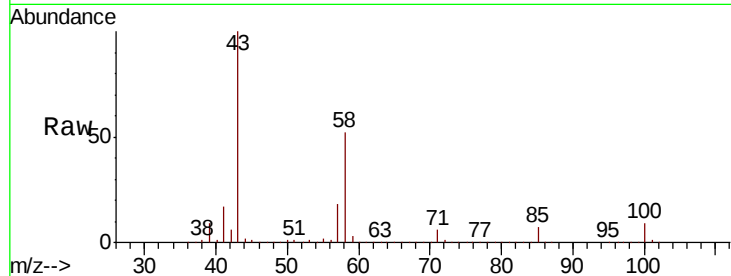




#59
2-Hexanone
Concen: 251.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

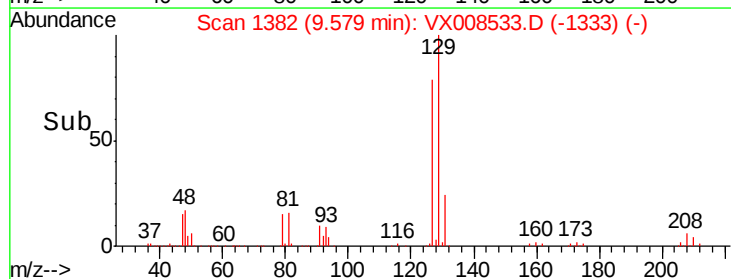
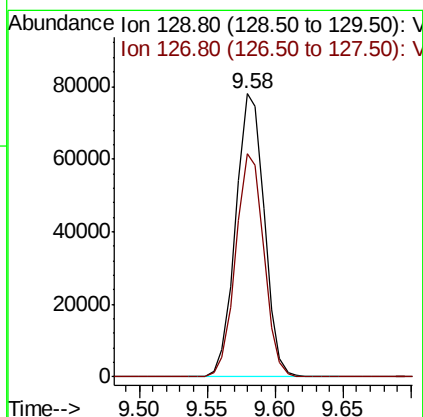
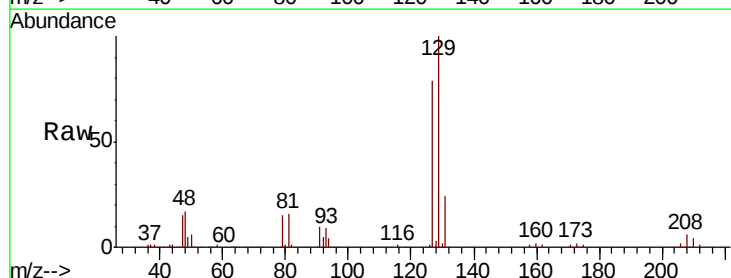
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

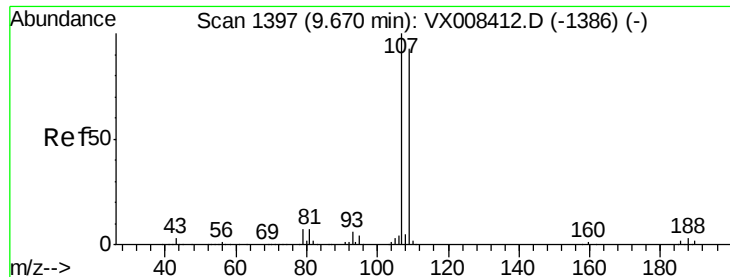
Tot Ion: 43 Resp: 893291
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 48.466 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 129 Resp: 114263
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.3





#61

1,2-Dibromoethane

Concen: 47.425 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

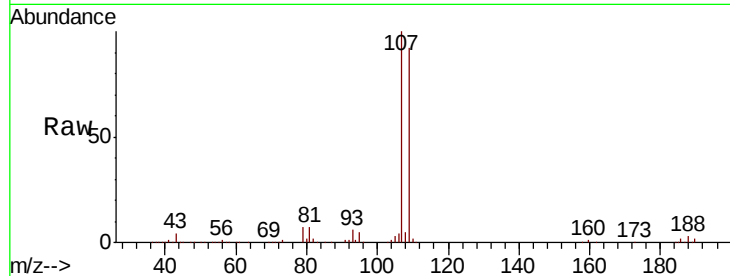
VSTDCCC050EC

Tot Ion:107 Resp: 119981

Ion Ratio Lower Upper

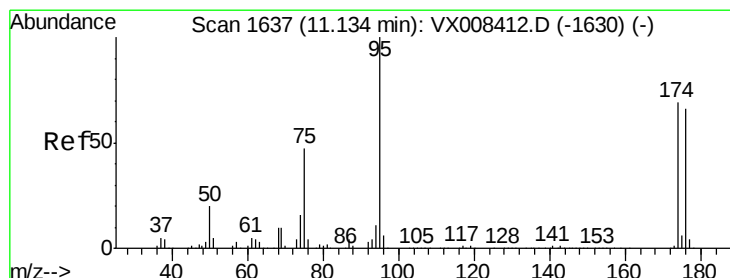
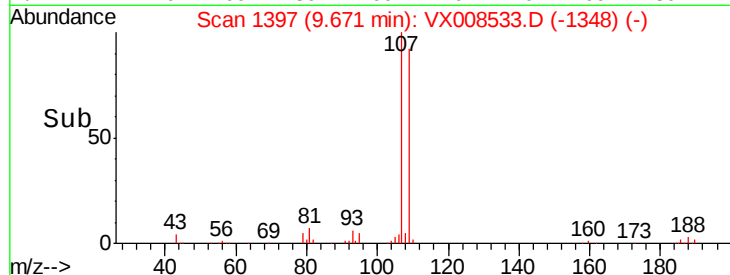
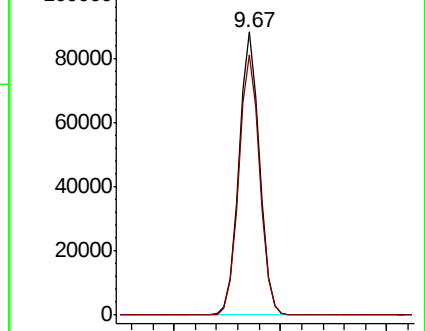
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

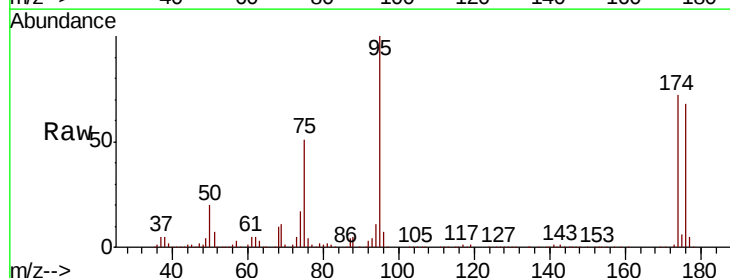
Tgt Ion: 95 Resp: 149450

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.2

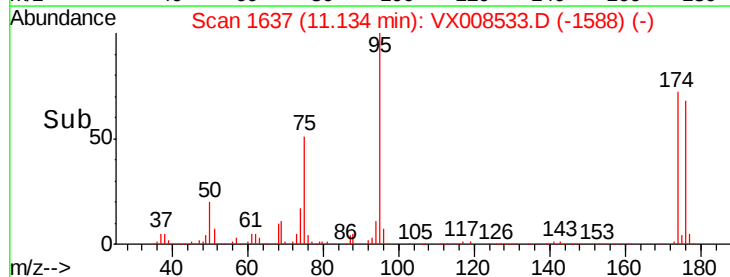
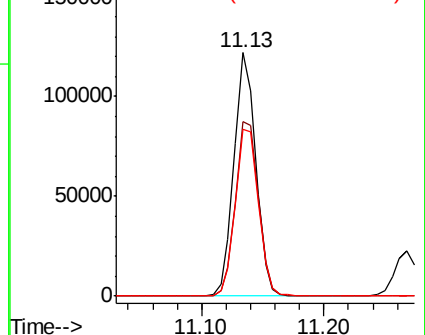
176 72.8 0.0 142.4

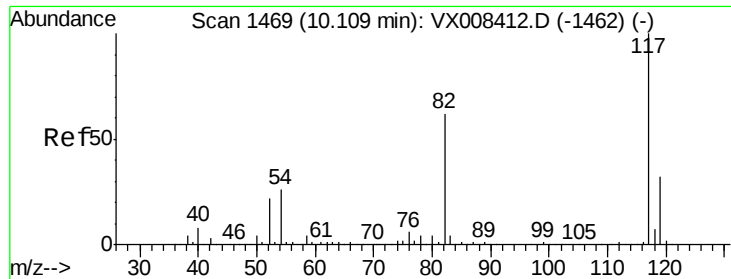


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

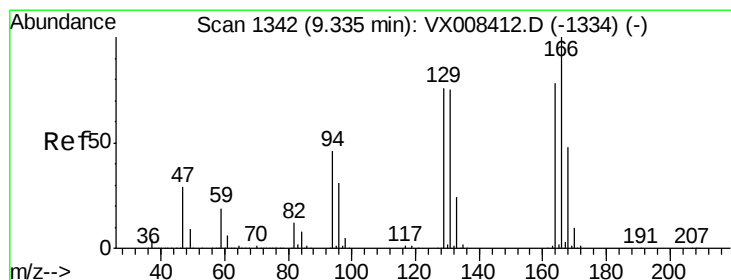
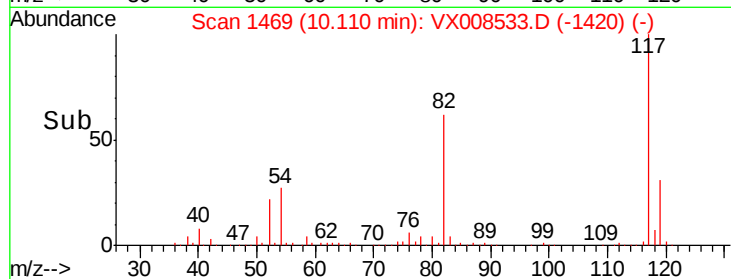
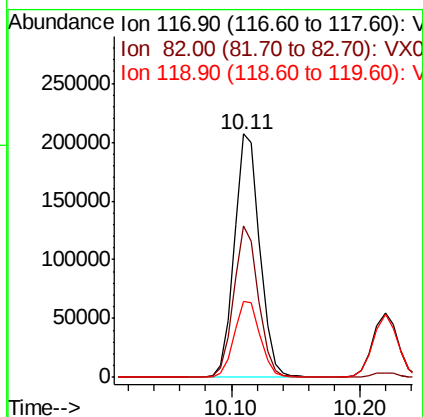
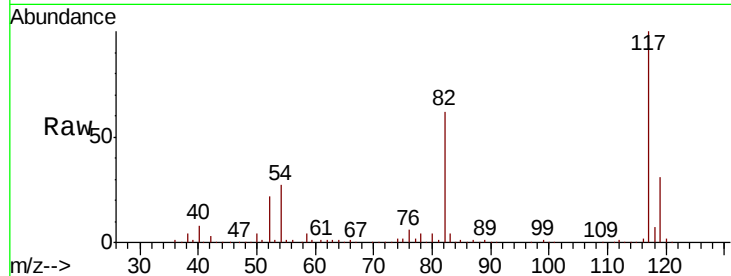




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

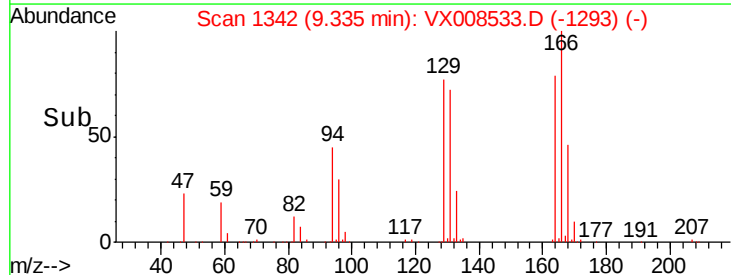
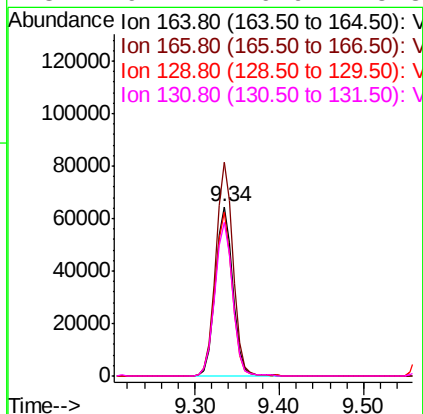
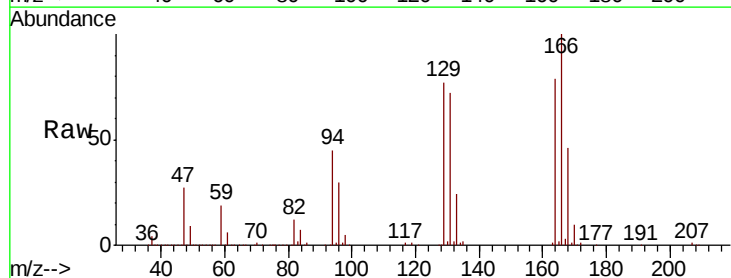
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

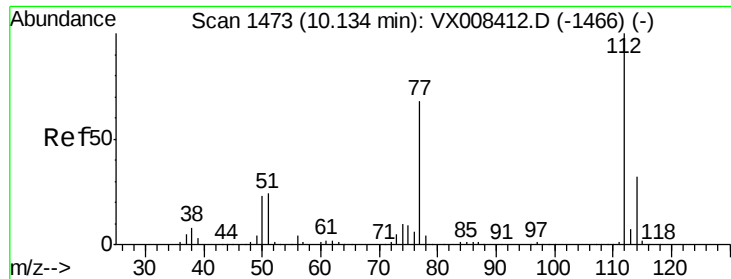
Tot Ion:117 Resp: 284357
Ion Ratio Lower Upper
117 100
82 62.4 49.4 74.2
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 48.055 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion:164 Resp: 92511
Ion Ratio Lower Upper
164 100
166 126.3 102.5 153.7
129 96.7 77.8 116.8
131 91.1 76.9 115.3

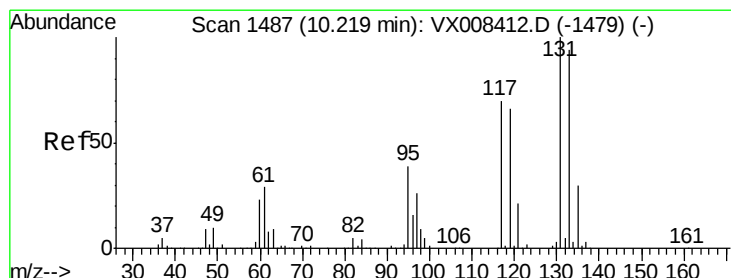
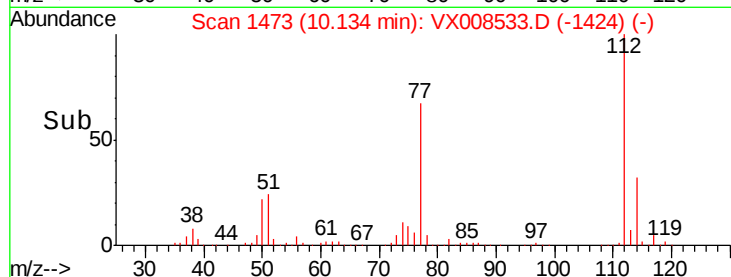
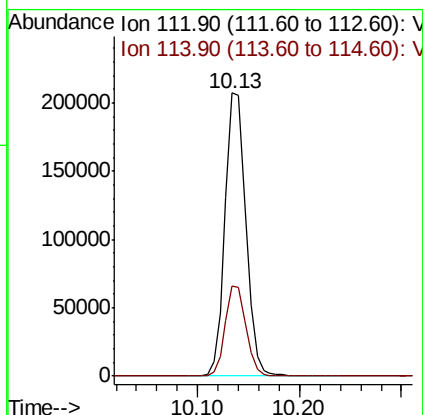
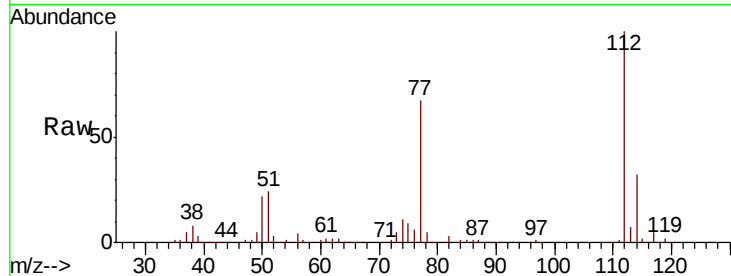




#65
Chlorobenzene
Concen: 47.675 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

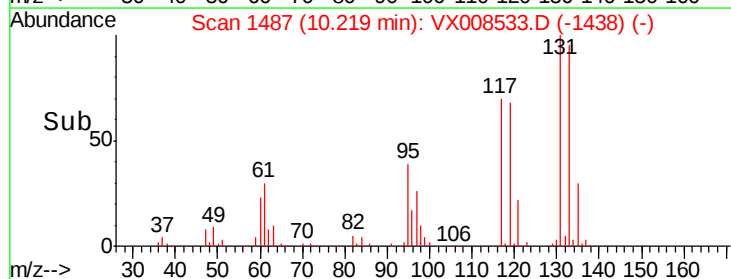
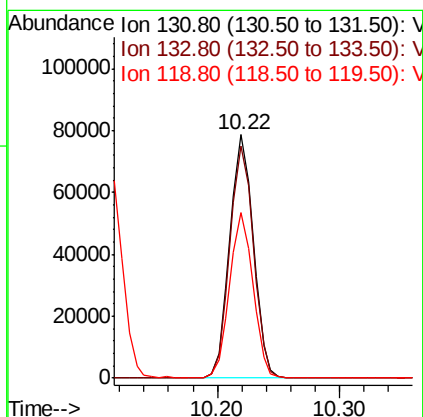
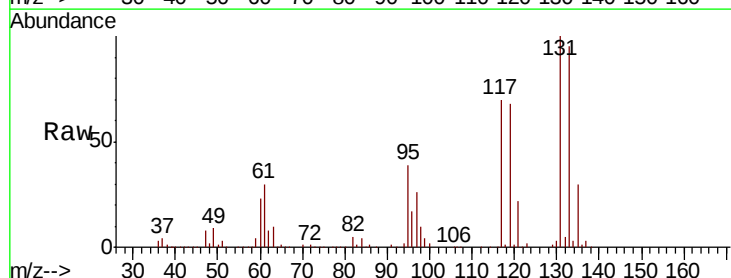
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

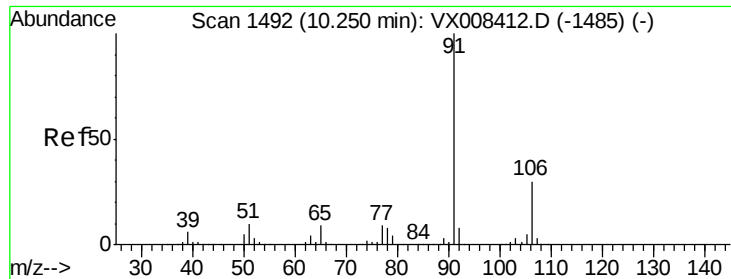
Tot Ion:112 Resp: 294816
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.135 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion:131 Resp: 104831
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 67.4 33.6 100.6

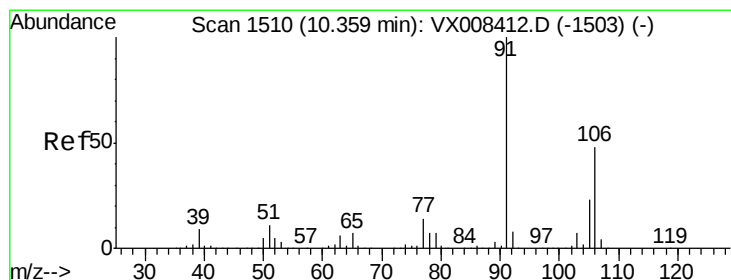
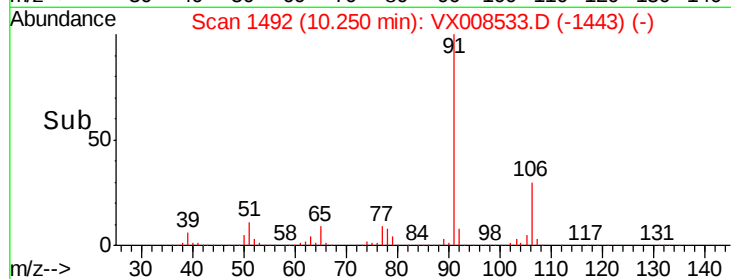
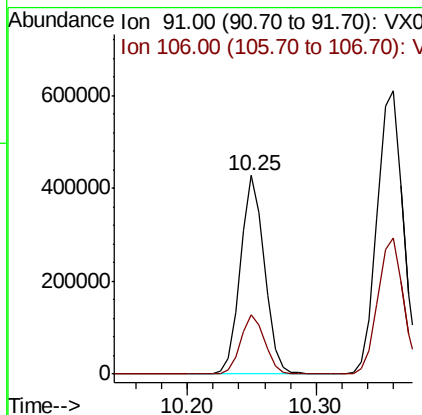
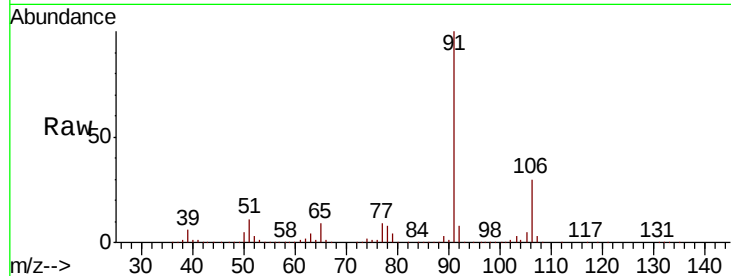




#67
Ethyl Benzene
Concen: 47.420 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

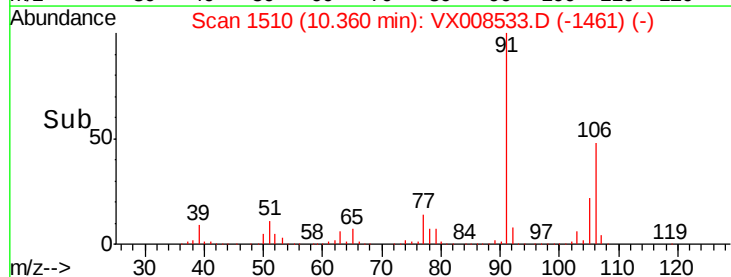
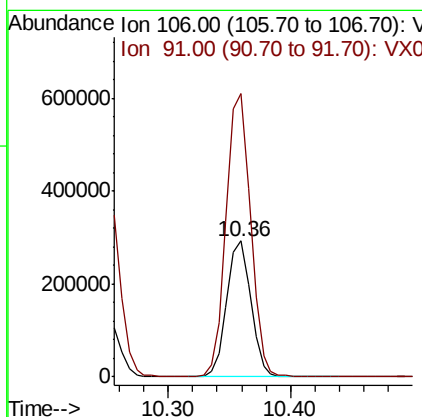
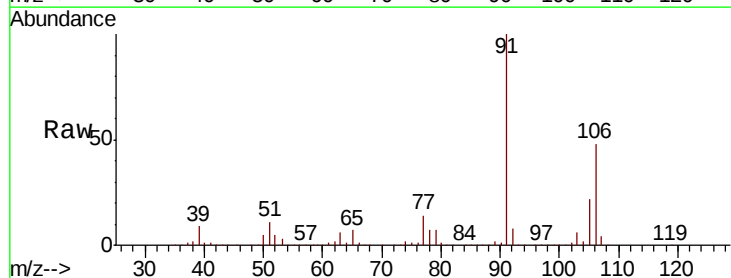
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

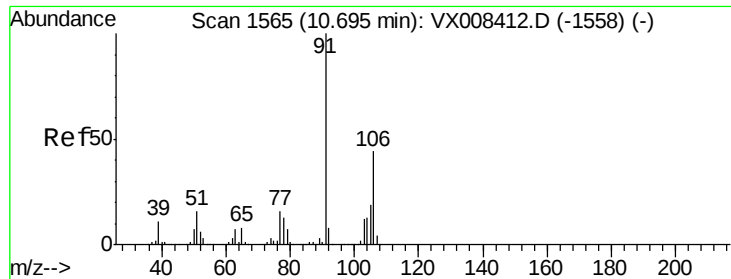
Tot Ion: 91 Resp: 553430
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 94.439 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 106 Resp: 400968
Ion Ratio Lower Upper
106 100
91 211.7 168.6 253.0

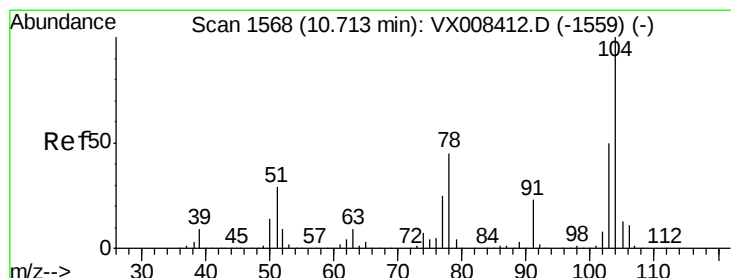
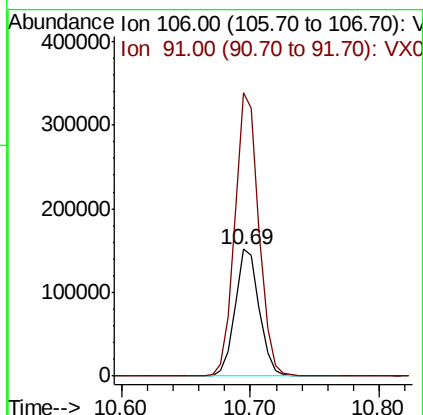
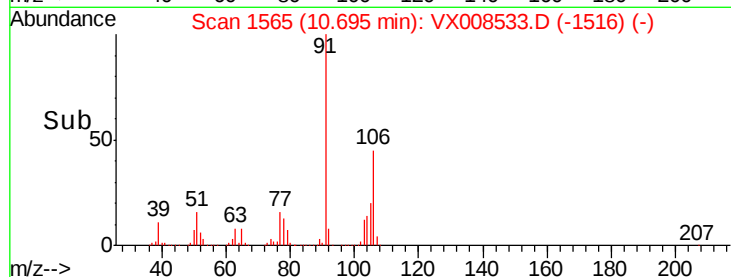
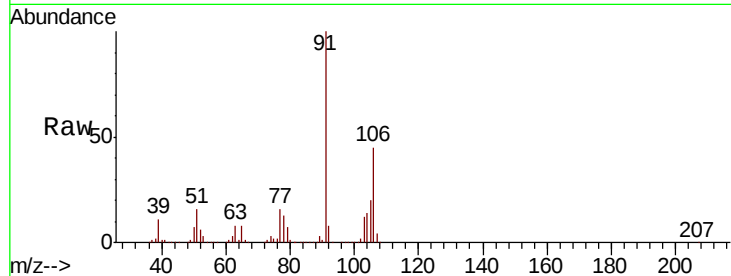




#69
o-Xylene
Concen: 47.902 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

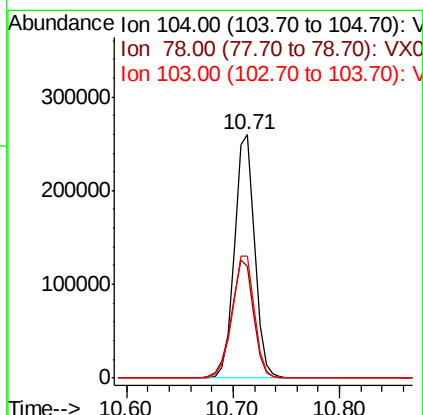
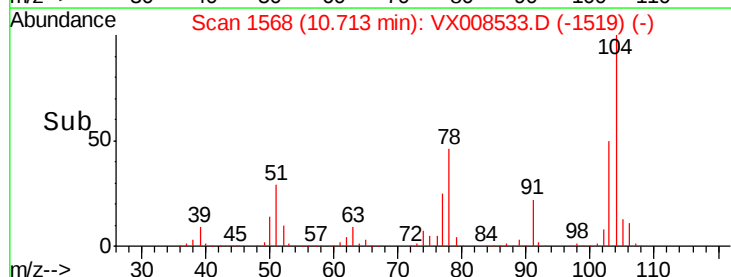
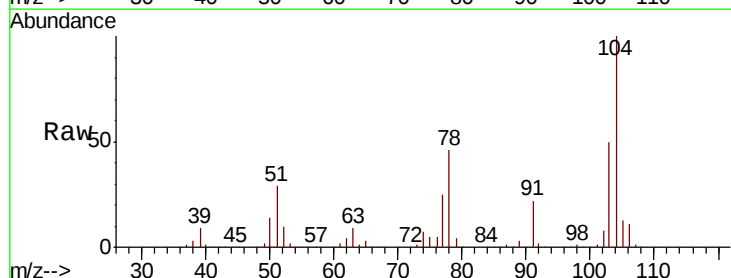
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 197368
Ion Ratio Lower Upper
106 100
91 222.6 111.4 334.2



#70
Styrene
Concen: 48.678 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion:104 Resp: 346450
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.5 44.2 66.4





#71

Bromoform

Concen: 50.015 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

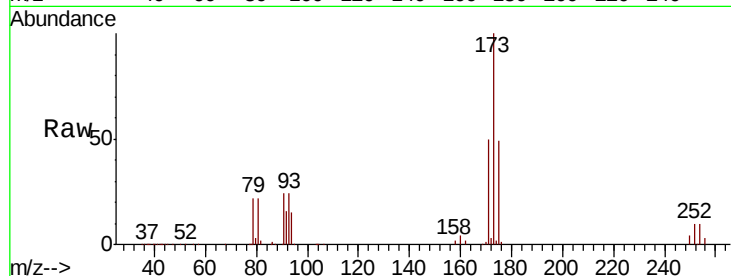
Tot Ion:173 Resp: 84270

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

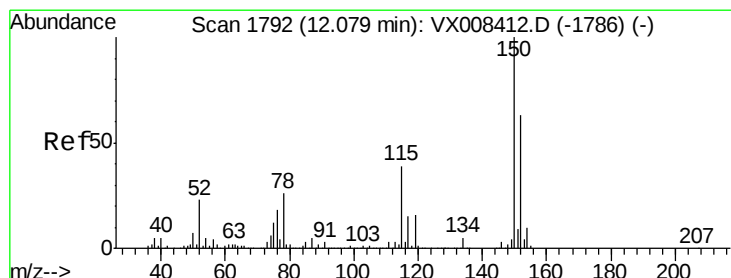
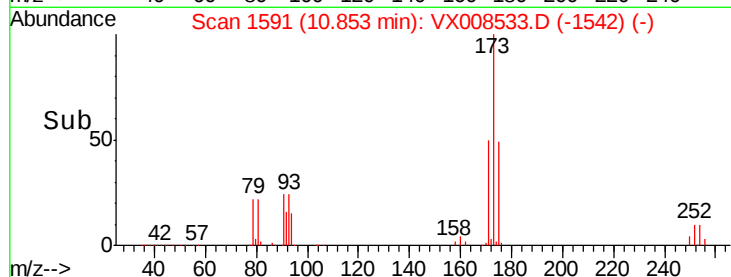
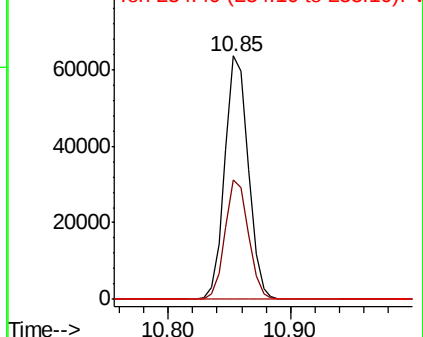
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

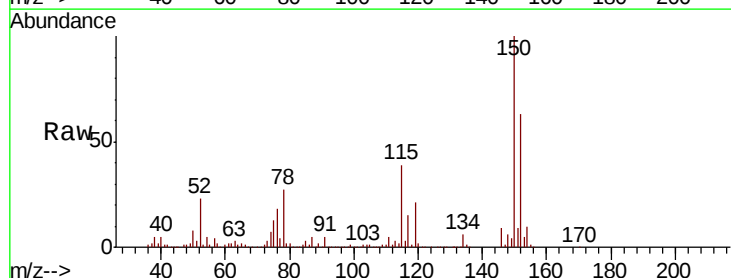
Tgt Ion:152 Resp: 136808

Ion Ratio Lower Upper

152 100

115 84.6 43.5 130.5

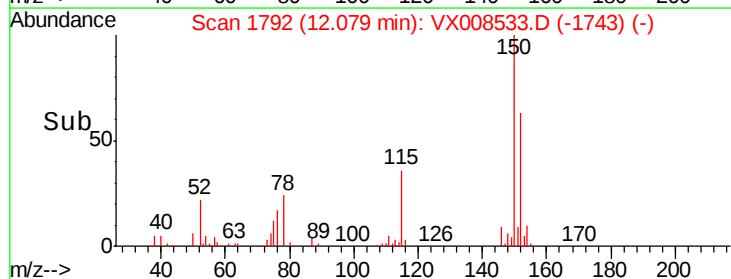
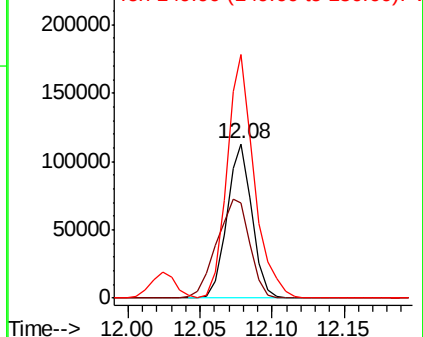
150 171.9 0.0 348.8

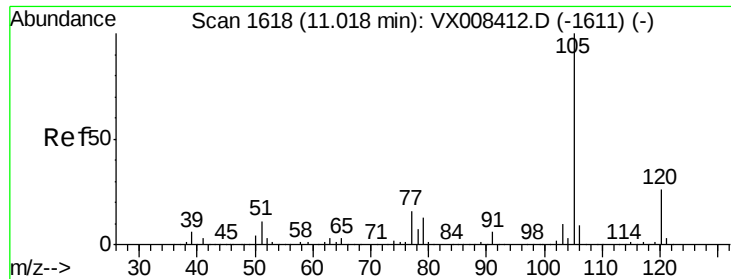


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

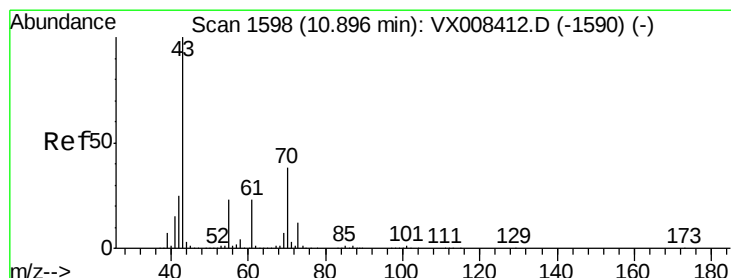
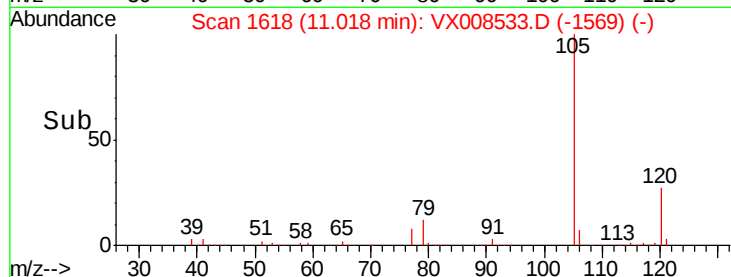
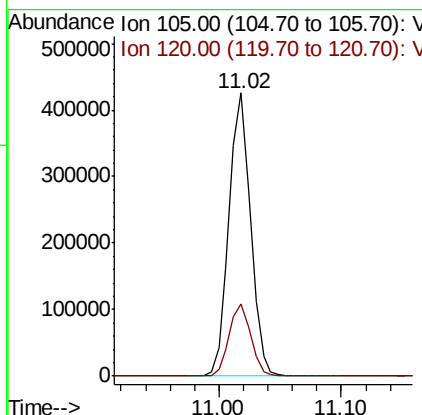
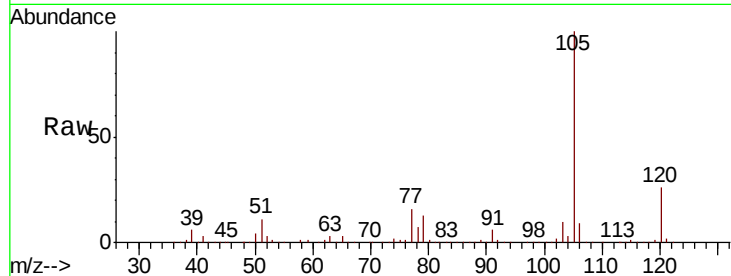




#73
Isopropylbenzene
Concen: 46.580 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

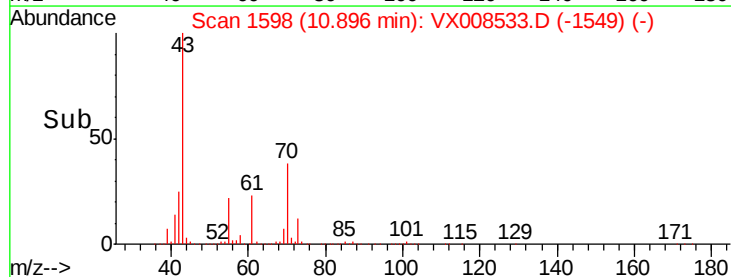
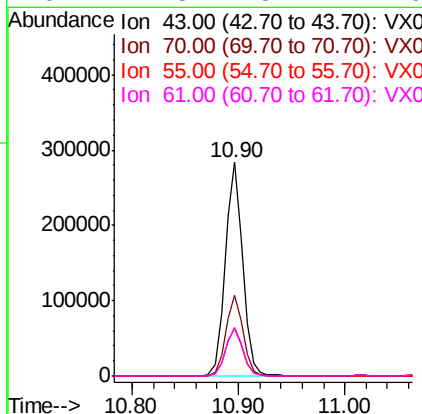
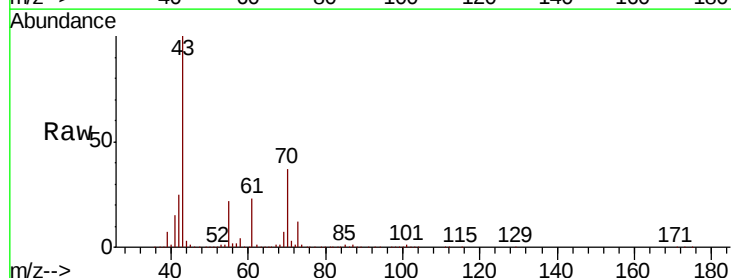
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

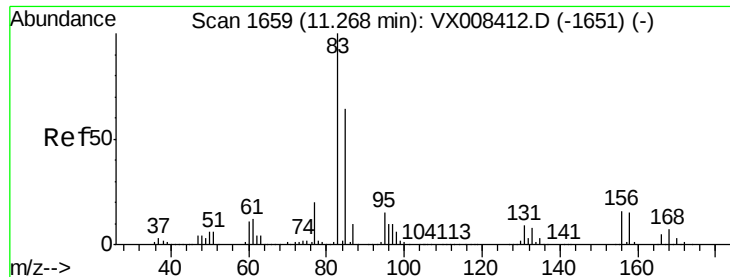
Tot Ion:105 Resp: 518434
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 50.041 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion: 43 Resp: 322375
Ion Ratio Lower Upper
43 100
70 37.9 30.5 45.7
55 22.5 18.2 27.2
61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.165 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

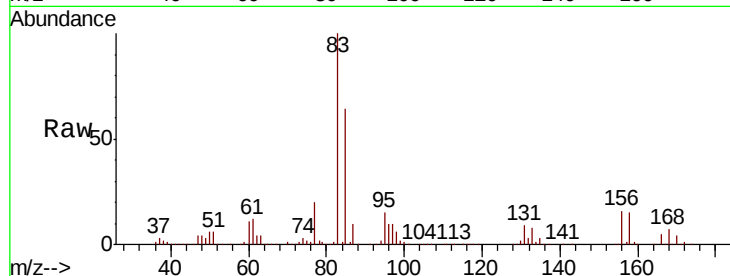
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 203677

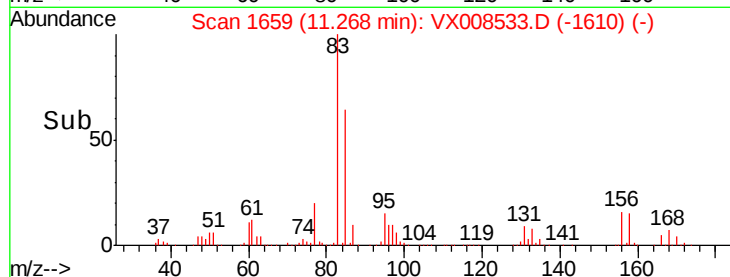
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.5	31.9	95.9



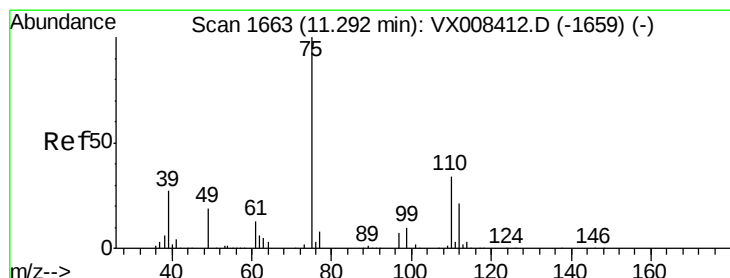
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 56.606 ug/l

RT: 11.29 min Scan# 1663

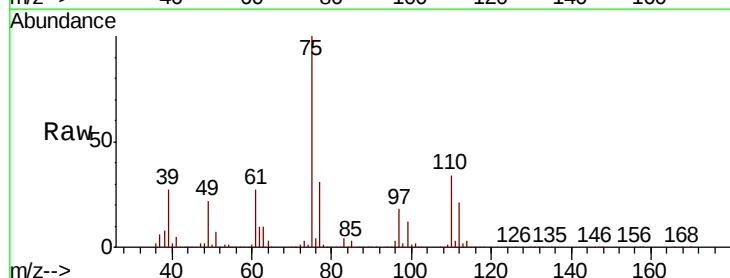
Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

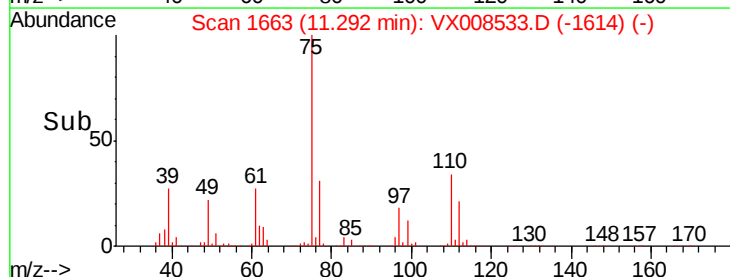
Tgt Ion: 75 Resp: 230229

Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.9	65.7

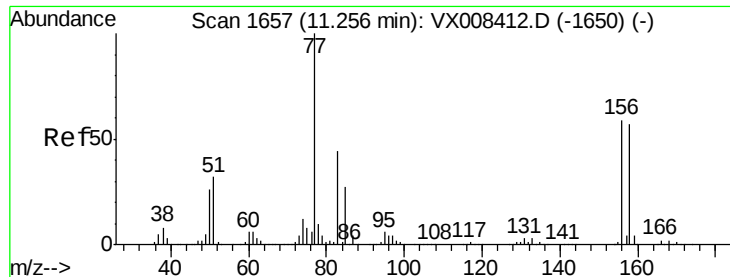


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 46.331 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

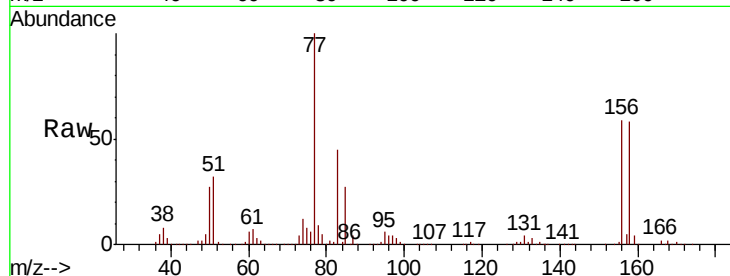
Tot Ion:156 Resp: 125152

Ion Ratio Lower Upper

156 100

77 181.4 91.1 273.3

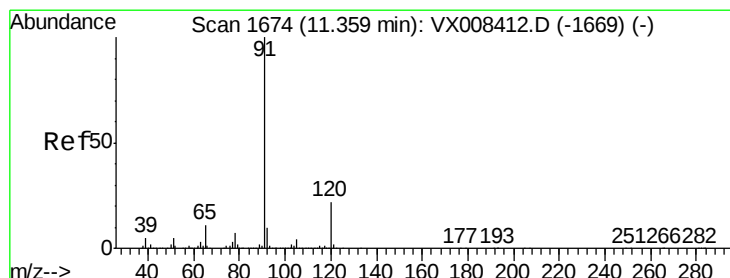
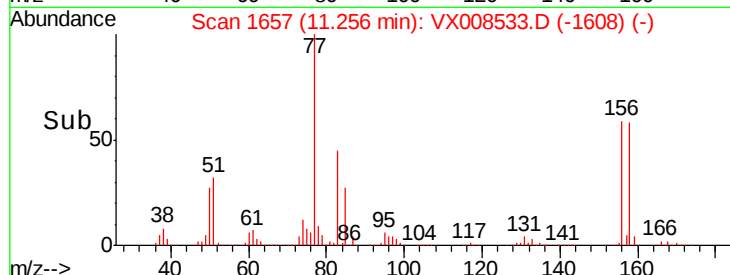
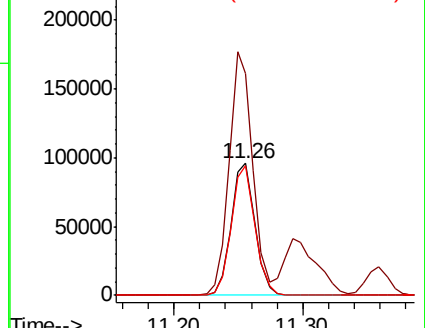
158 97.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.534 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008533.D

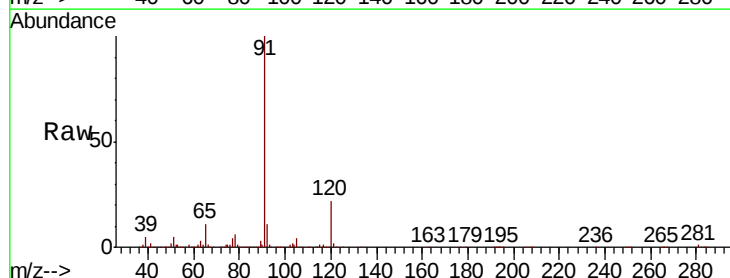
Acq: 28 Mar 2019 20:29

Tgt Ion: 91 Resp: 606714

Ion Ratio Lower Upper

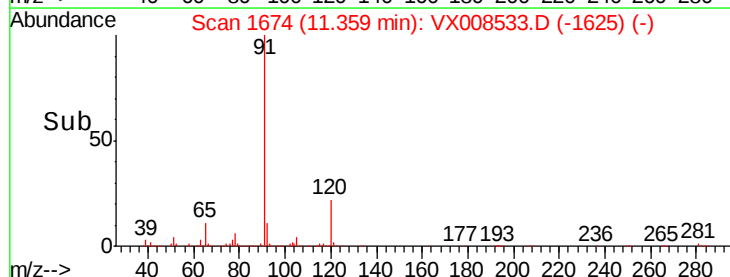
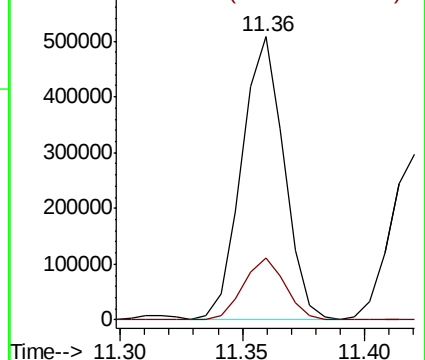
91 100

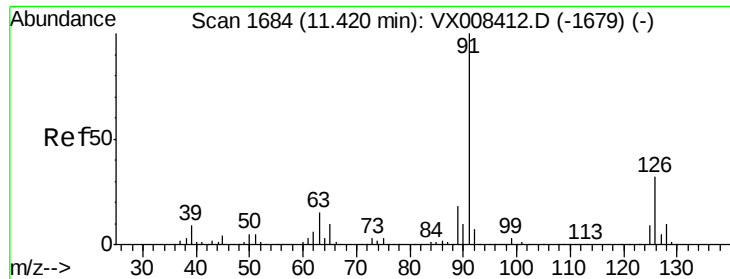
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.234 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

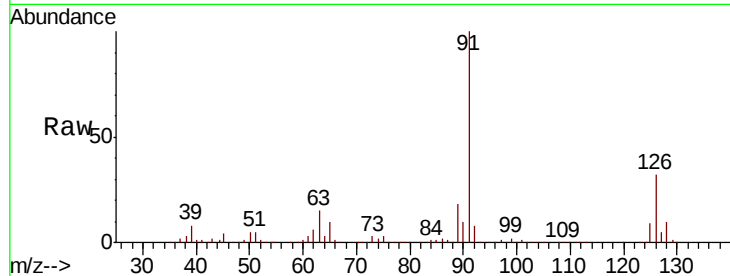
VSTDCCC050EC

Tot Ion: 91 Resp: 366643

Ion Ratio Lower Upper

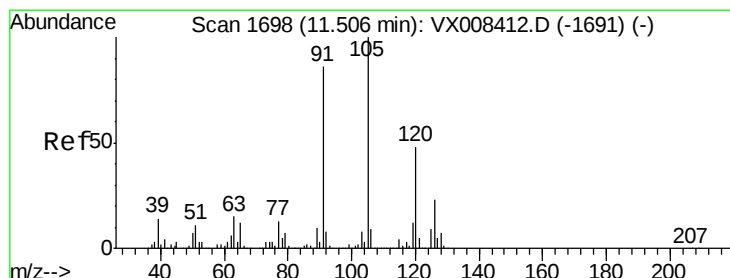
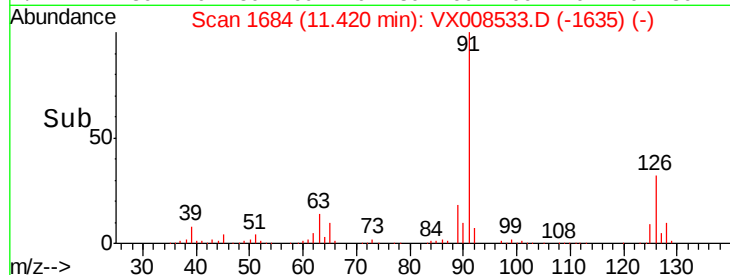
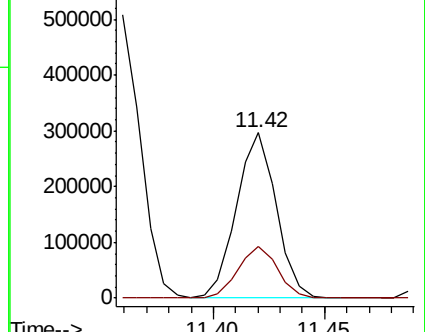
91 100

126 31.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.729 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008533.D

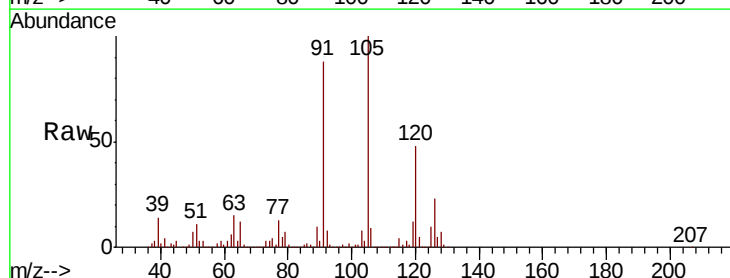
Acq: 28 Mar 2019 20:29

Tgt Ion: 105 Resp: 439703

Ion Ratio Lower Upper

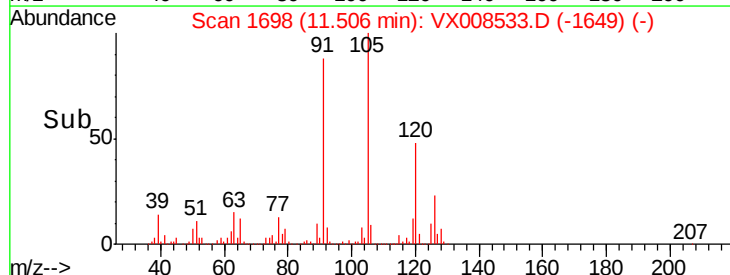
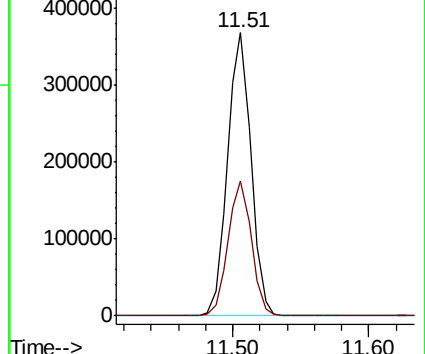
105 100

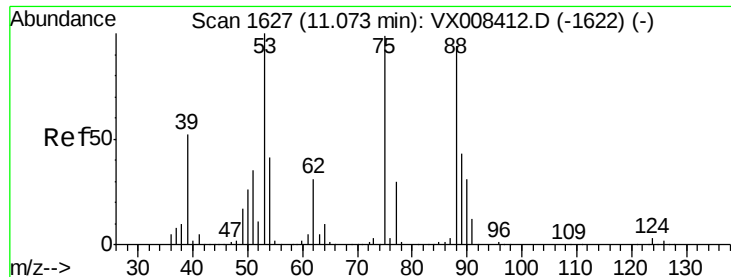
120 47.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.058 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

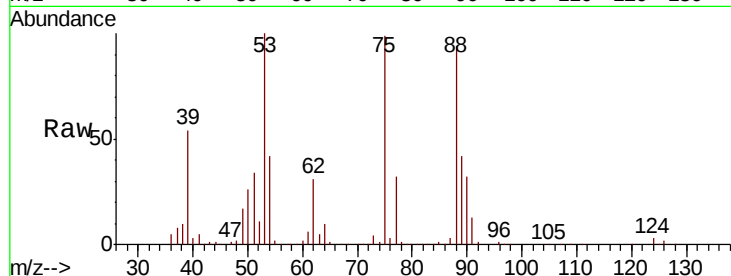
Tot Ion: 75 Resp: 62297

Ion Ratio Lower Upper

75 100

53 103.7 82.1 123.1

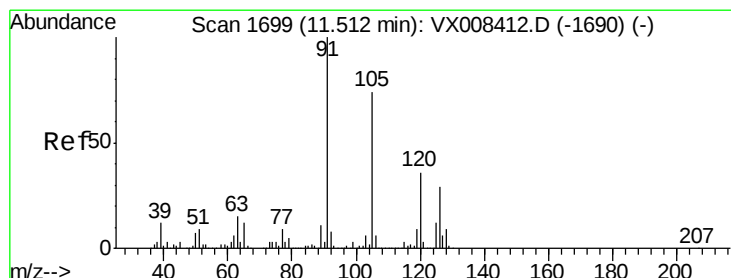
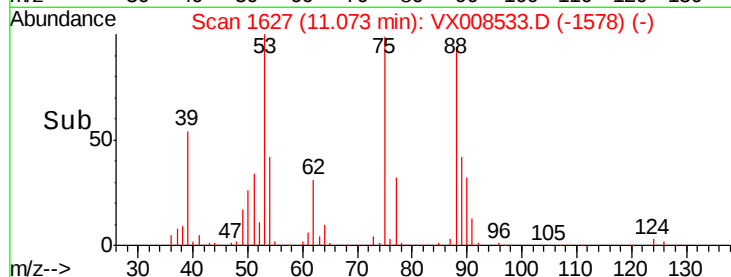
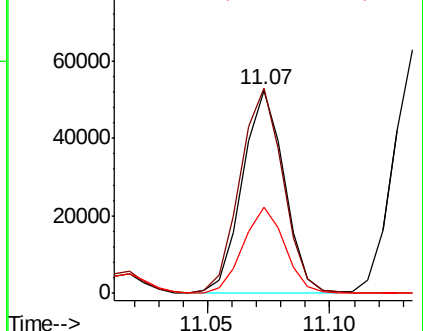
89 42.6 34.6 52.0



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: 46.101 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008533.D

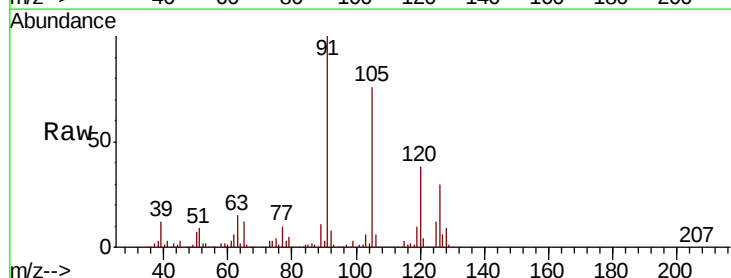
Acq: 28 Mar 2019 20:29

Tgt Ion: 91 Resp: 421706

Ion Ratio Lower Upper

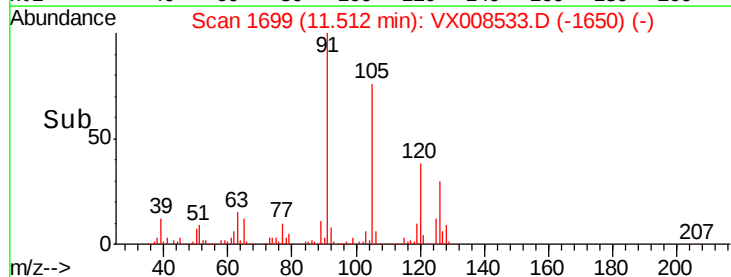
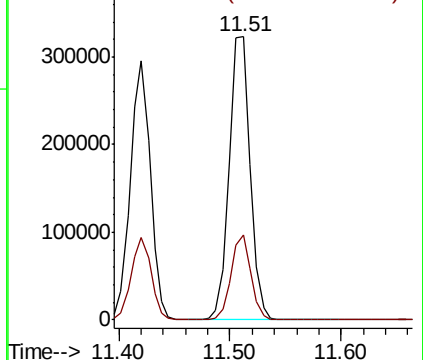
91 100

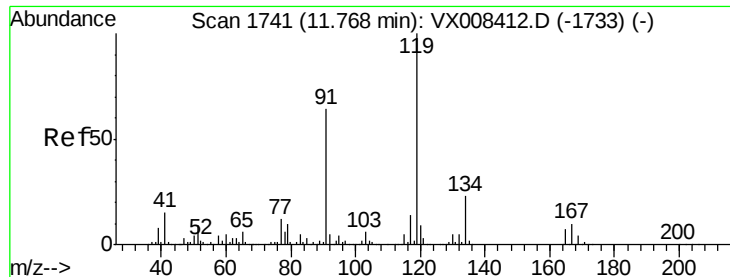
126 28.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

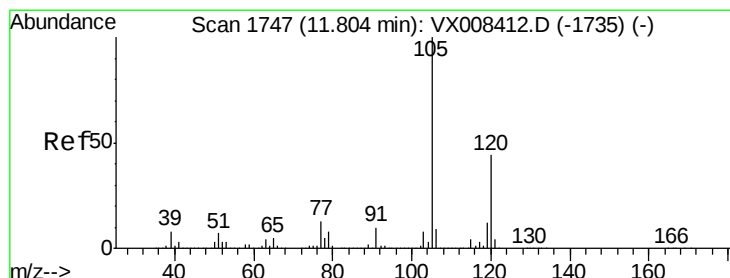
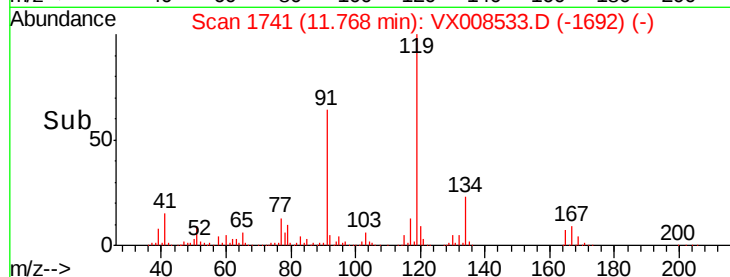
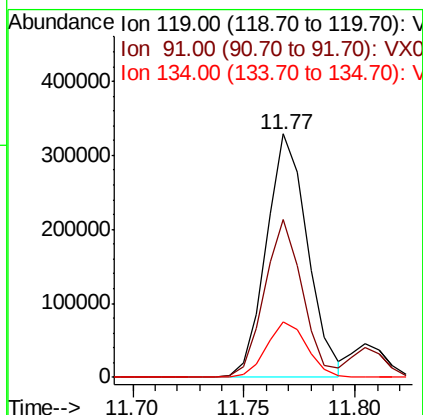
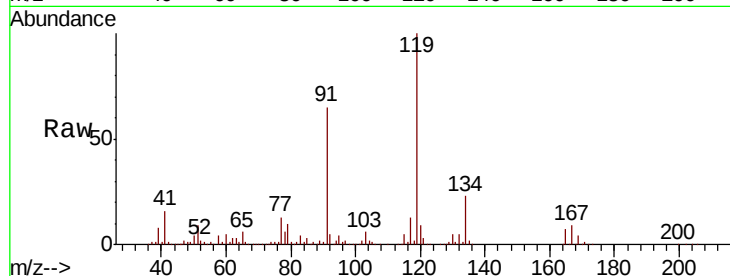




#83
 tert-Butylbenzene
 Concen: 46.521 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

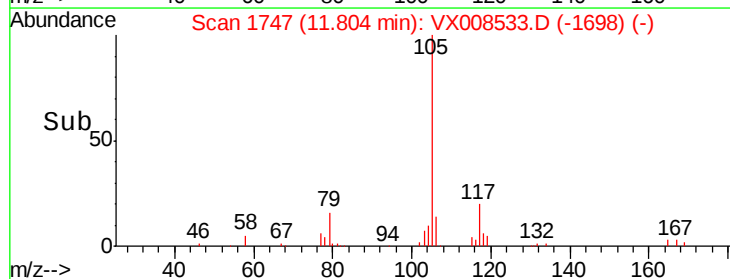
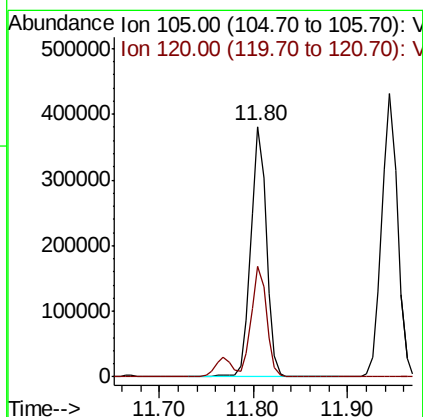
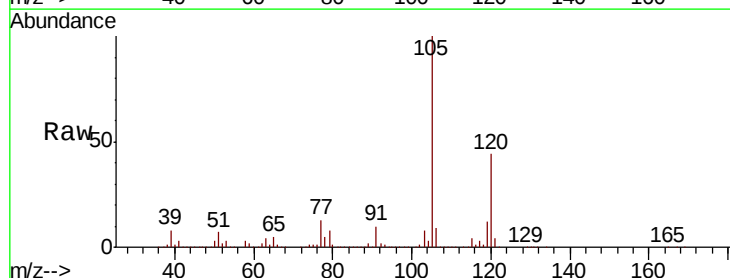
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

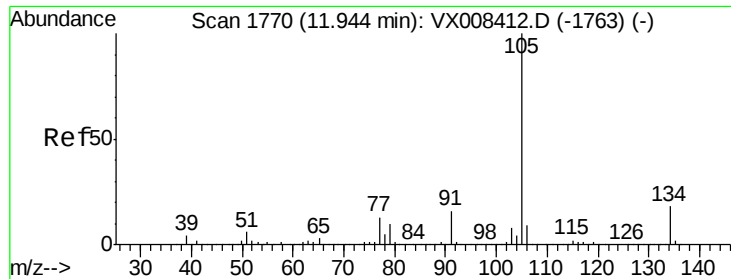
Tot Ion:119 Resp: 422330
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.1 90.3
 134 22.5 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.639 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion:105 Resp: 443875
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 46.942 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

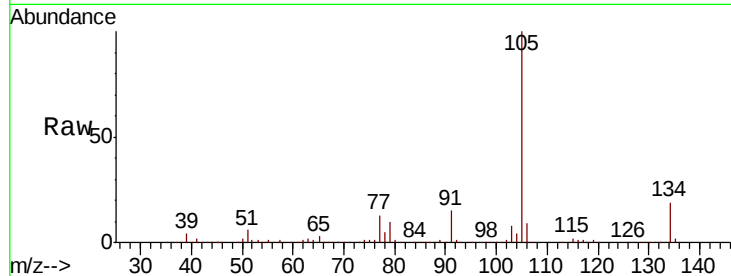
VSTDCCC050EC

Tot Ion:105 Resp: 507497

Ion Ratio Lower Upper

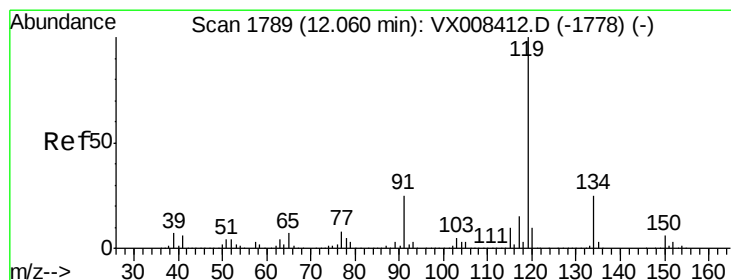
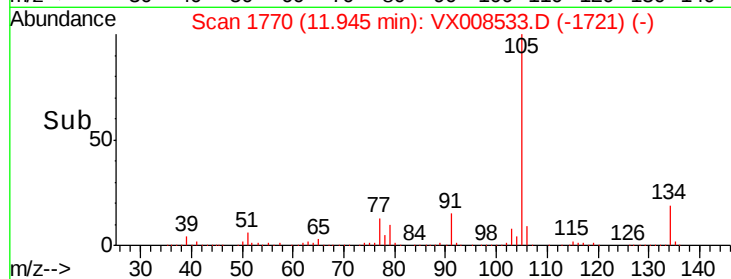
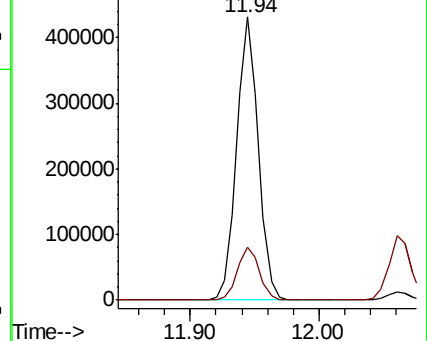
105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.223 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

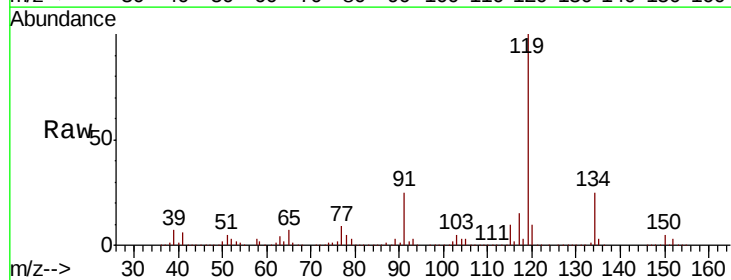
Tgt Ion:119 Resp: 450483

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

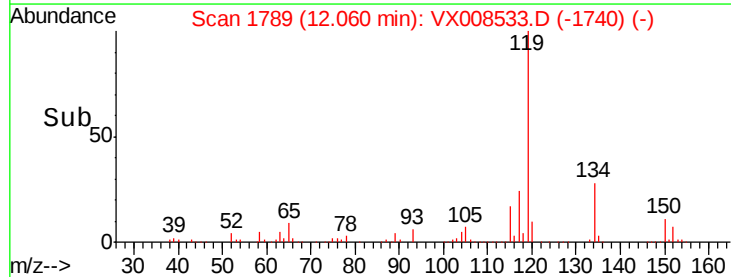
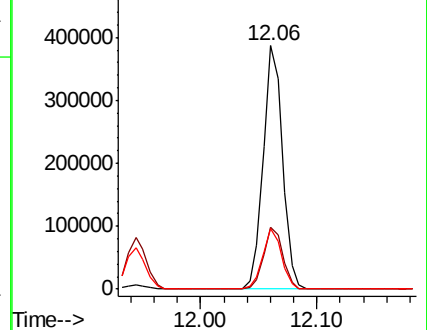
91 24.3 12.4 37.0

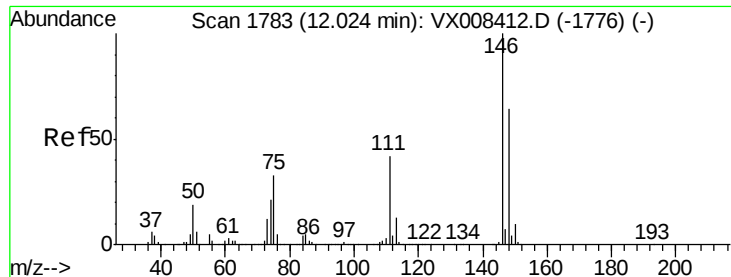


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

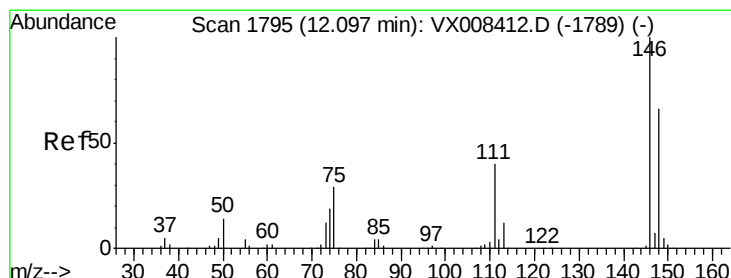
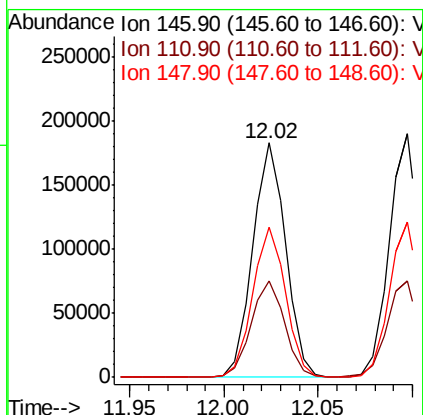
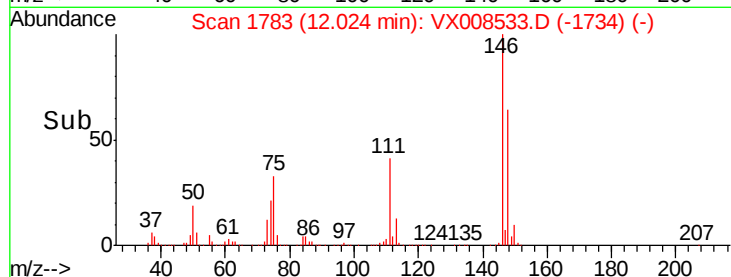
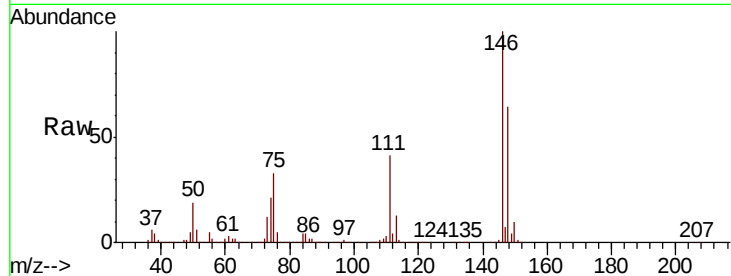




#87
 1,3-Dichlorobenzene
 Concen: 45.930 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

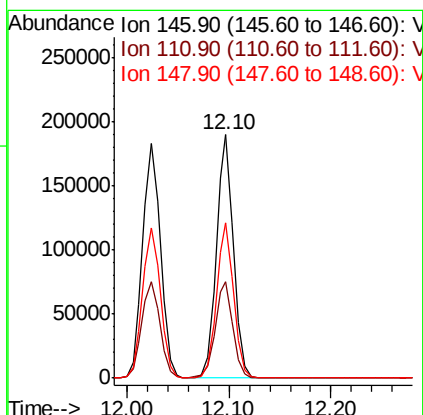
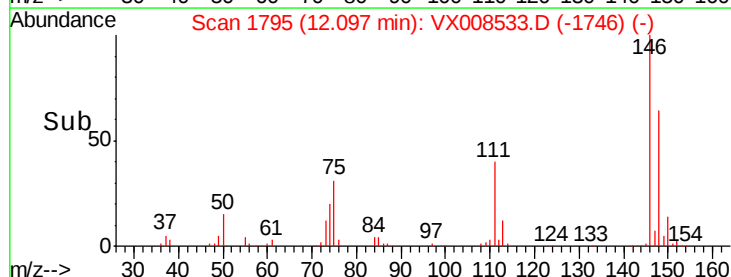
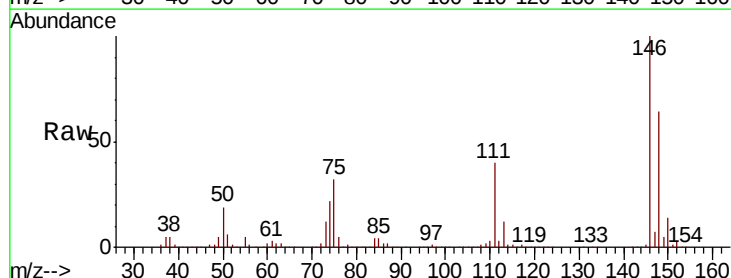
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

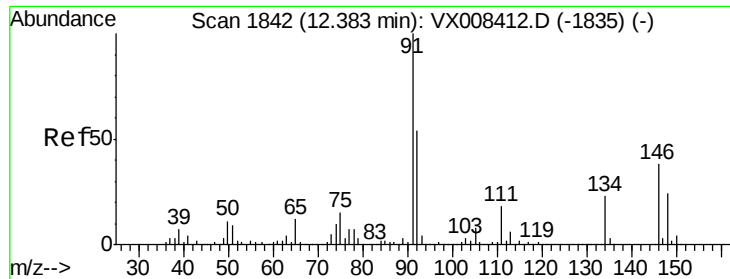
Tot Ion:146 Resp: 221674
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.5
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 45.803 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion:146 Resp: 223101
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 46.324 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008533.D

Acq: 28 Mar 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

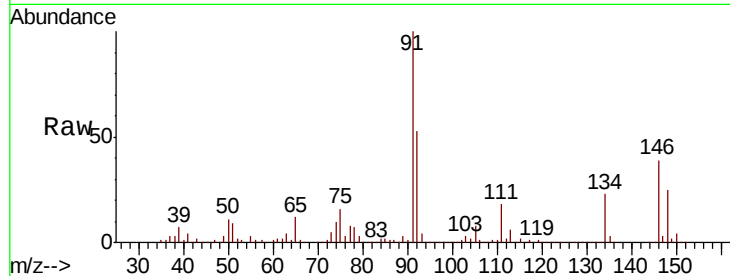
Tot Ion: 91 Resp: 418623

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

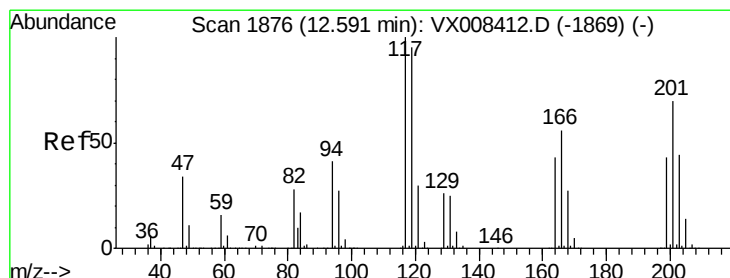
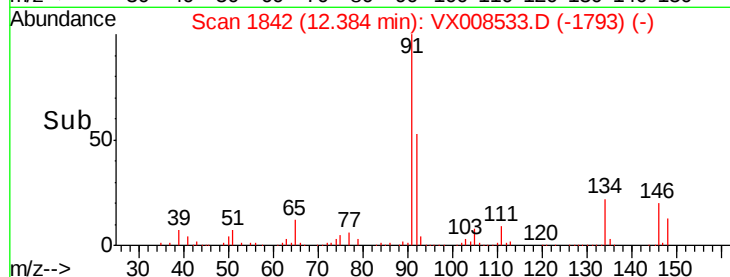
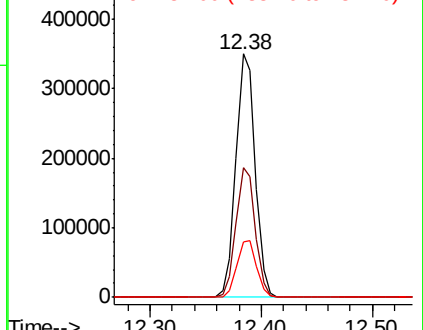
134 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.537 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008533.D

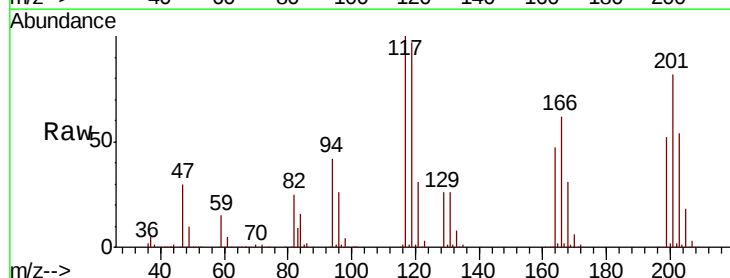
Acq: 28 Mar 2019 20:29

Tgt Ion: 117 Resp: 75548

Ion Ratio Lower Upper

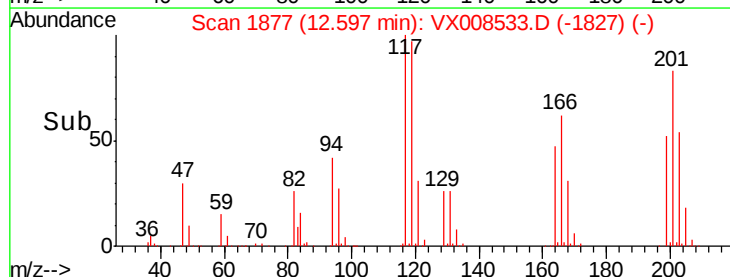
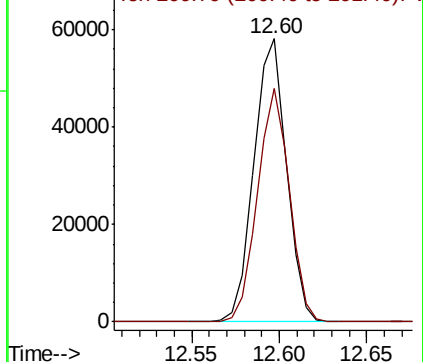
117 100

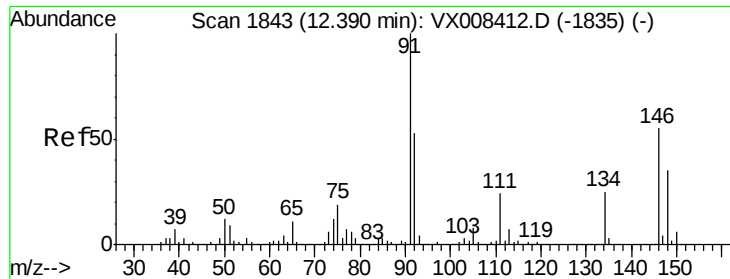
201 80.2 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

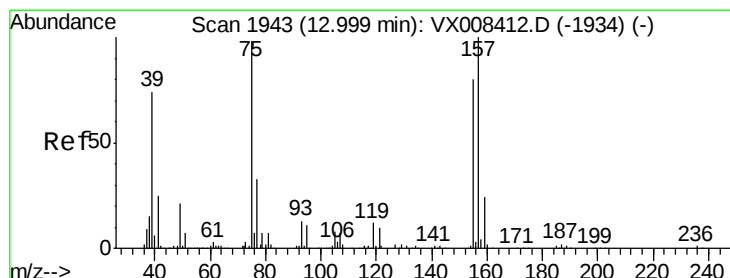
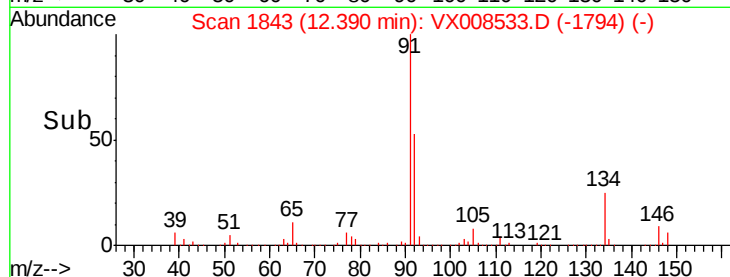
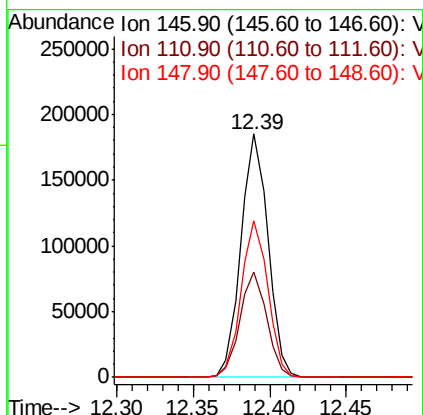
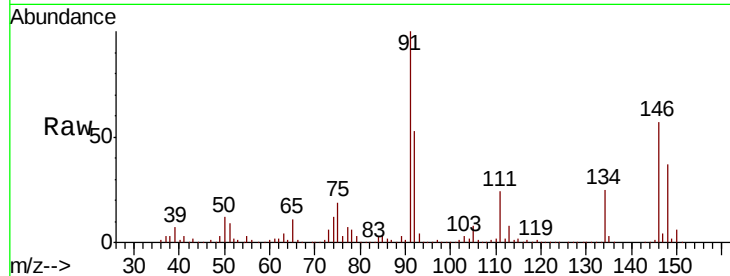




#91
 1,2-Dichlorobenzene
 Concen: 47.091 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

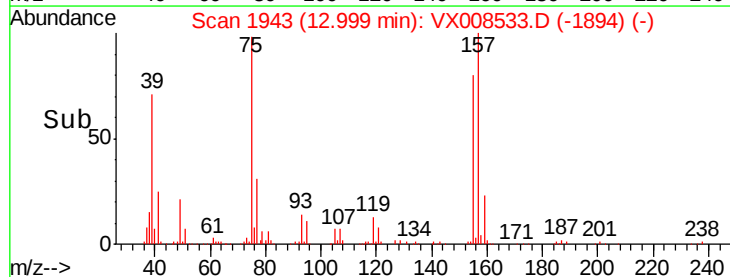
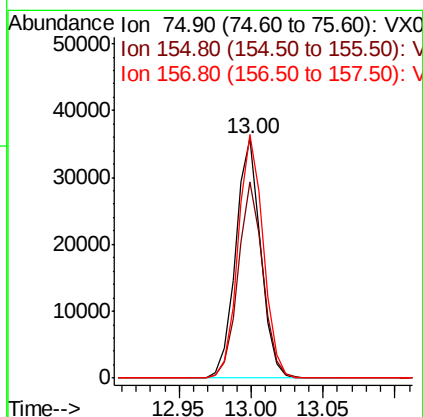
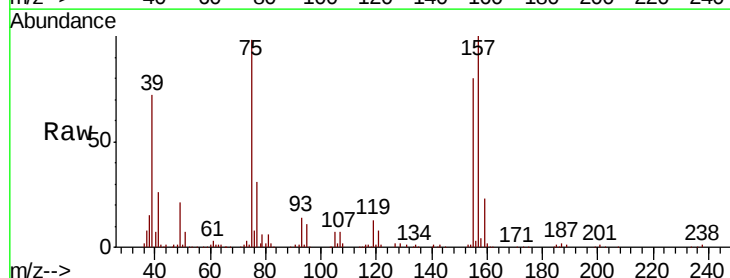
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

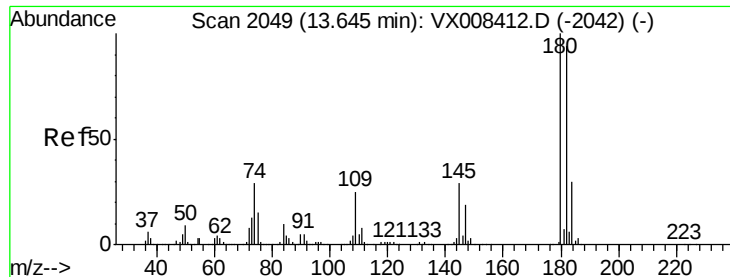
Tot Ion:146 Resp: 227599
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.158 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion: 75 Resp: 43462
 Ion Ratio Lower Upper
 75 100
 155 80.6 39.5 118.5
 157 101.6 49.9 149.7

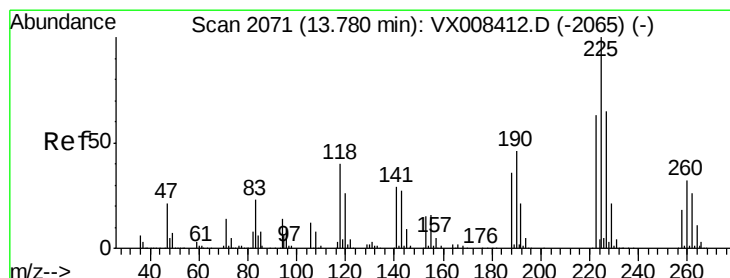
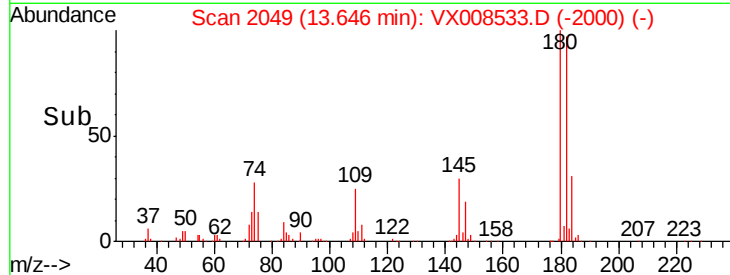
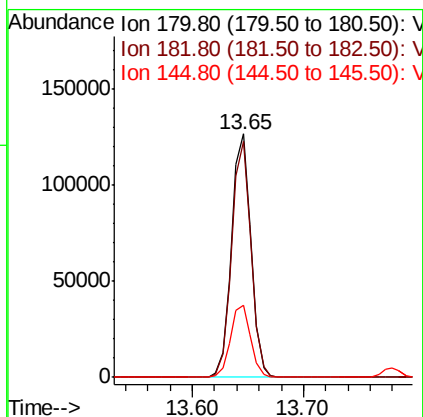
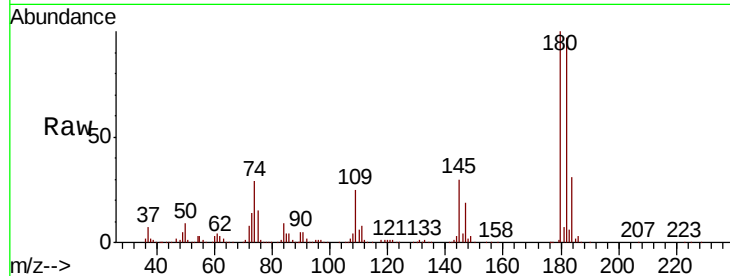




#93
 1,2,4-Trichlorobenzene
 Concen: 46.616 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

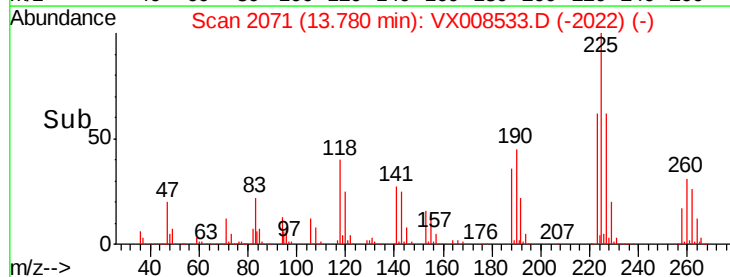
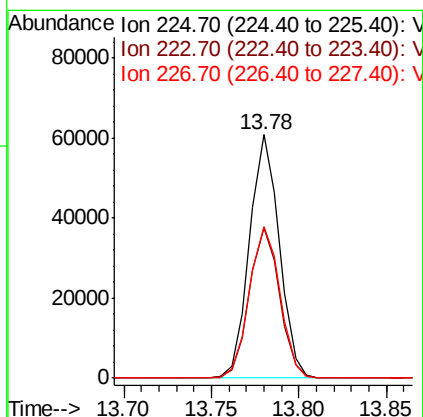
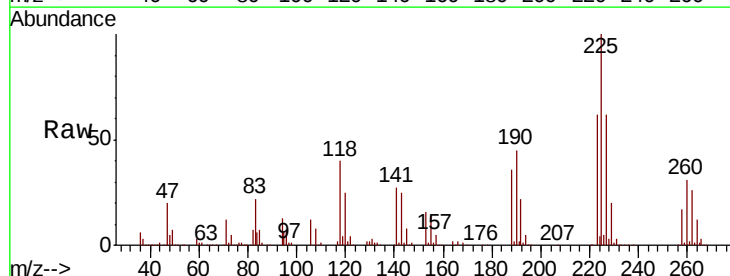
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

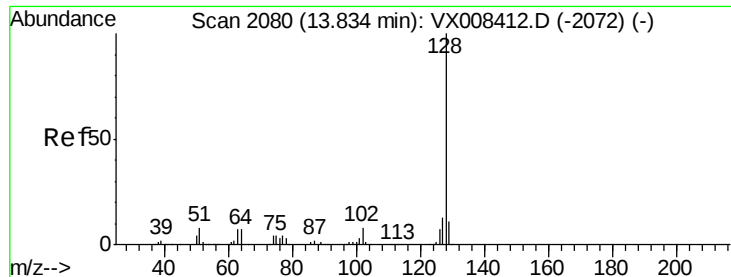
Tot Ion:180 Resp: 151689
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 142.0
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 46.427 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008533.D
 Acq: 28 Mar 2019 20:29

Tgt Ion:225 Resp: 71734
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 64.2 31.9 95.9

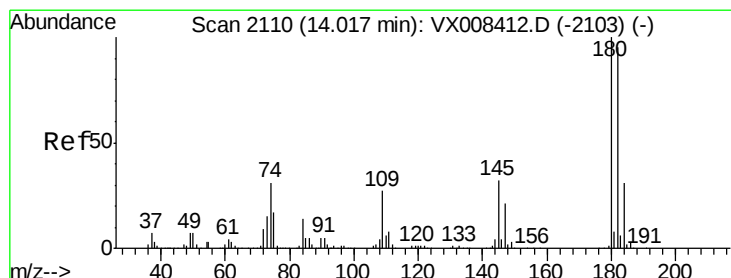
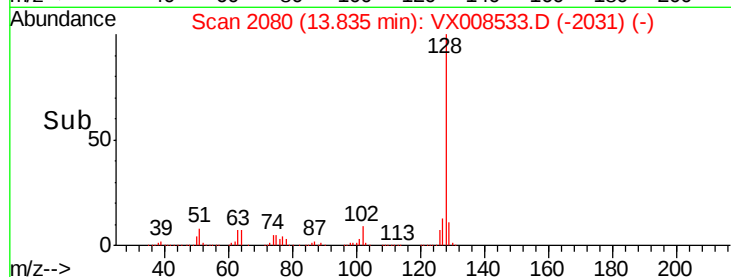
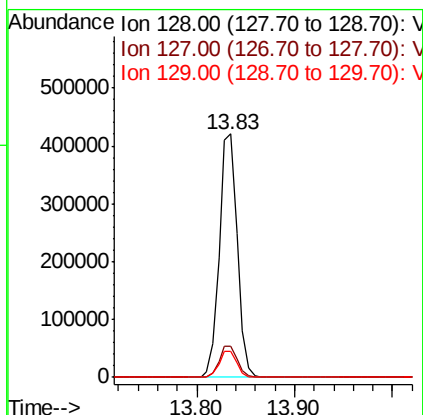
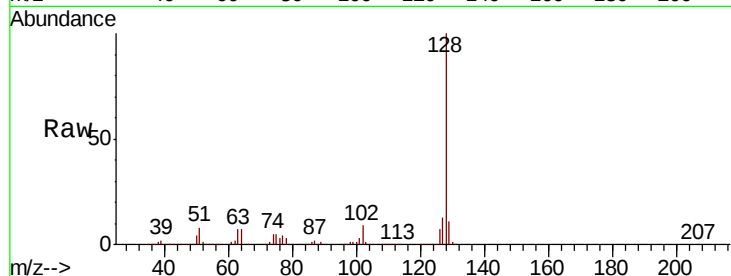




#95
Naphthalene
Concen: 47.780 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 533040
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.906 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008533.D
Acq: 28 Mar 2019 20:29

Tgt Ion:180 Resp: 153372
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.0 16.2 48.5

