

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
 Data File : VX008760.D
 Acq On : 09 Apr 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 09 10:07:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35153	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	204675	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	178817	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	87899	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.13	95	91614	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.71	98	258099	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42787	17.800	ug/l 98
3) Chloromethane	1.32	50	54509	17.308	ug/l 93
4) Vinyl Chloride	1.41	62	54200	17.073	ug/l 99
5) Bromomethane	1.64	94	27754	16.873	ug/l 94
6) Chloroethane	1.72	64	33012	15.888	ug/l 97
7) Trichlorofluoromethane	1.93	101	64718	18.367	ug/l 98
8) Diethyl Ether	2.19	74	29731	17.892	ug/l 79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40295	18.364	ug/l 95
10) 1,1-Dichloroethene	2.37	96	39943	17.943	ug/l 85
11) Methyl Iodide	2.51	142	34497	14.965	ug/l 95
12) Methyl Acetate	3.19	43	34560	19.155	ug/l 98
13) Acrolein	2.29	56	59633	115.210	ug/l 97
14) Acrylonitrile	3.14	53	166344	99.722	ug/l 99
15) Acetone	2.44	58	52772	102.591	ug/l 96
16) Carbon Disulfide	2.57	76	119879	17.311	ug/l 100
17) Allyl chloride	2.73	41	97497	19.487	ug/l 90
18) Methylene Chloride	2.85	84	49878	18.744	ug/l # 85
19) trans-1,2-Dichloroethene	3.17	96	44508	18.714	ug/l 90
20) Diisopropyl ether	3.85	45	194656	19.990	ug/l # 91
21) 1,1-Dichloroethane	3.69	63	94531	19.340	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	52676	19.167	ug/l # 80
23) tert-Butyl Alcohol	3.05	59	63899	94.865	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	159249	19.465	ug/l 99
25) Chloroform	5.21	83	85832	19.386	ug/l 95
26) Cyclohexane	5.57	56	91691	19.309	ug/l # 84
29) 1,1-Dichloropropene	5.79	75	65582	19.046	ug/l 93
30) 2-Butanone	4.67	43	266558	105.273	ug/l 93
31) 2,2-Dichloropropane	4.58	77	69276	20.144	ug/l # 77
32) 1,1,1-Trichloroethane	5.49	97	69419	19.414	ug/l 96
33) Carbon Tetrachloride	5.78	117	58051	19.404	ug/l 92
34) Benzene	6.14	78	203855	19.367	ug/l # 96
35) Methacrylonitrile	5.04	41	51314	19.928	ug/l 90
36) 1,2-Dichloroethane	6.19	62	72372	19.285	ug/l 97
37) Trichloroethene	7.21	130	48011	19.834	ug/l 86
38) Methylcyclohexane	7.46	83	84892	19.565	ug/l 88
39) 1,2-Dichloropropane	7.51	63	57306	19.195	ug/l 99
40) Dibromomethane	7.66	93	32222	18.632	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	64661	19.015	ug/l	99
42) Vinyl Acetate	3.81	43	853324	99.414	ug/l #	93
43) Ethyl Acetate	4.83	43	93170	20.444	ug/l #	81
44) Isopropyl Acetate	6.44	43	145132	19.695	ug/l	97
45) 1,4-Dioxane	7.74	88	26066	355.322	ug/l #	79
46) Methyl methacrylate	7.77	41	73089	19.529	ug/l	89
47) n-amyl Acetate	10.90	43	123150	18.397	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	72227	18.805	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	81817	19.045	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	49364	19.224	ug/l	96
51) Ethyl methacrylate	9.18	69	88737	18.570	ug/l	91
52) 1,3-Dichloropropane	9.37	76	87706	19.198	ug/l	99
53) Dibromochloromethane	9.58	129	47480	18.789	ug/l	99
54) 1,2-Dibromoethane	9.67	107	50317	19.008	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	243940	101.187	ug/l	94
56) Bromoform	10.85	173	34350	18.652	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	480409	101.836	ug/l #	94
59) 2-Hexanone	9.49	43	380089	101.982	ug/l	96
61) Tetrachloroethene	9.34	164	42963	21.965	ug/l	98
62) Toluene	8.78	91	211209	19.509	ug/l	100
64) Chlorobenzene	10.13	112	123328	19.441	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	44387	19.845	ug/l	97
66) Ethyl Benzene	10.25	91	228716	19.033	ug/l	95
67) m/p-Xylenes	10.35	106	164957	37.635	ug/l	91
68) o-Xylene	10.69	106	80425	18.751	ug/l	93
69) Styrene	10.71	104	138997	18.624	ug/l	97
70) Isopropylbenzene	11.02	105	216934	19.174	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	79977	18.922	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	94892	26.560	ug/l	89
73) Bromobenzene	11.26	156	50818	18.878	ug/l	79
74) n-propylbenzene	11.36	91	253493	18.807	ug/l	95
75) 2-Chlorotoluene	11.42	91	150379	18.753	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	183548	18.975	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	25803	18.828	ug/l	93
78) 4-Chlorotoluene	11.51	91	169466	18.362	ug/l	91
79) tert-butylbenzene	12.06	119	190948	19.316	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	183803	19.057	ug/l	96
81) sec-Butylbenzene	11.94	105	209837	18.986	ug/l	96
82) p-Isopropyltoluene	12.06	119	190948	19.316	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	90682	18.976	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	89671	18.777	ug/l	96
85) n-Butylbenzene	12.38	91	175521	18.687	ug/l	97
86) Hexachloroethane	12.60	117	31153	18.862	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	89656	18.619	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16771	17.902	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	61849	18.621	ug/l	97
90) Hexachlorobutadiene	13.78	225	32343	20.212	ug/l	99
91) Naphthalene	13.83	128	204805	17.997	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	62575	18.702	ug/l	99

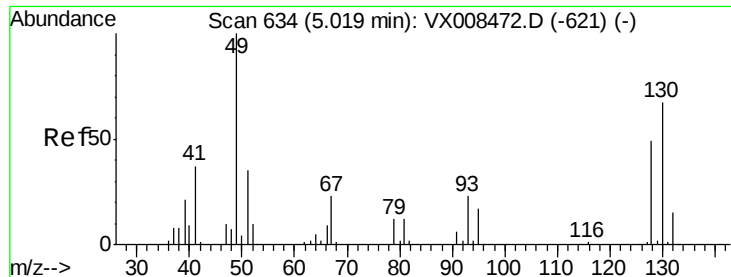
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

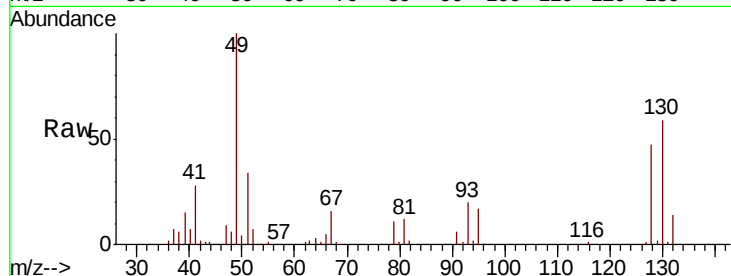
Tgt Ion:128 Resp: 35153

Ion Ratio Lower Upper

128 100

49 207.2 0.0 350.8

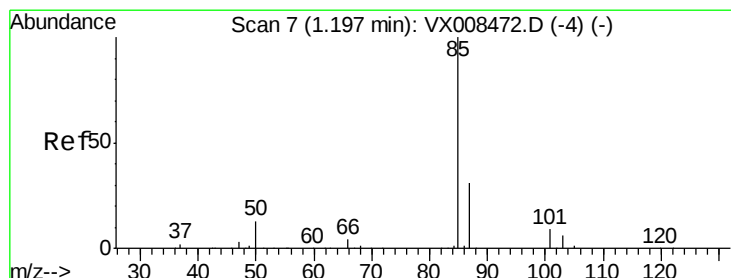
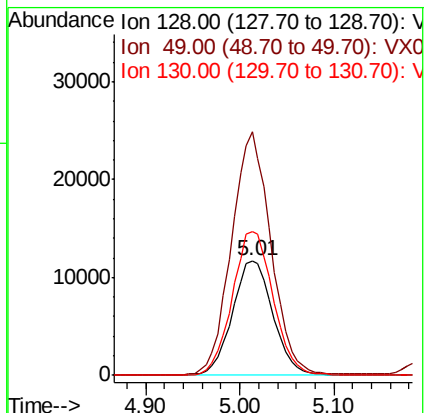
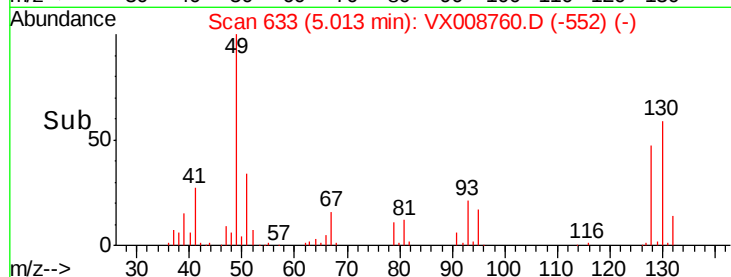
130 126.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.800 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008760.D

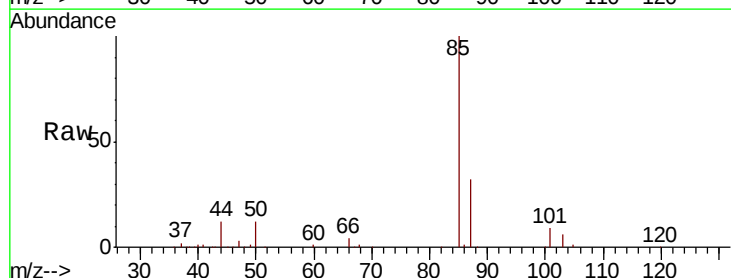
Acq: 09 Apr 2019 09:48

Tgt Ion: 85 Resp: 42787

Ion Ratio Lower Upper

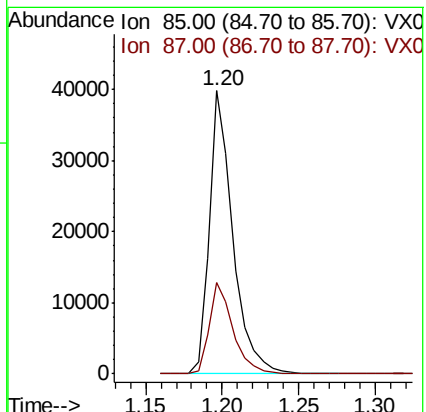
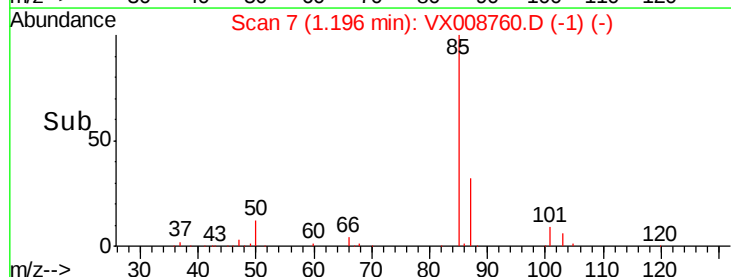
85 100

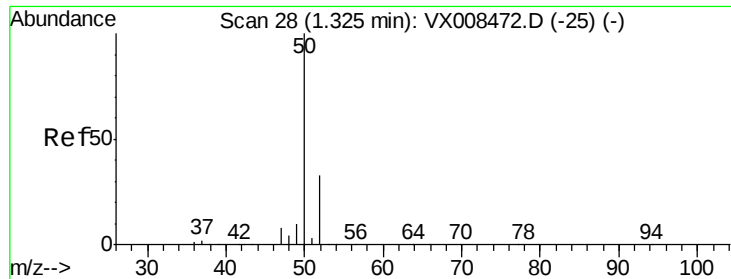
87 32.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.308 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

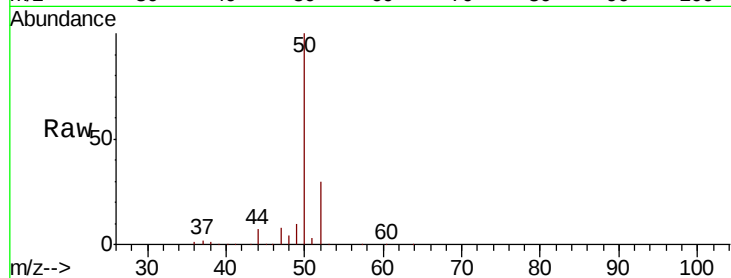
VSTDCCC020

Tgt Ion: 50 Resp: 54509

Ion Ratio Lower Upper

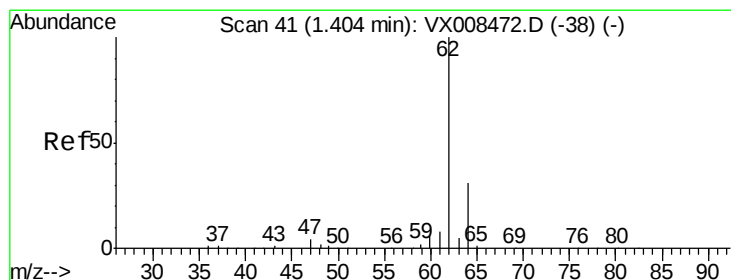
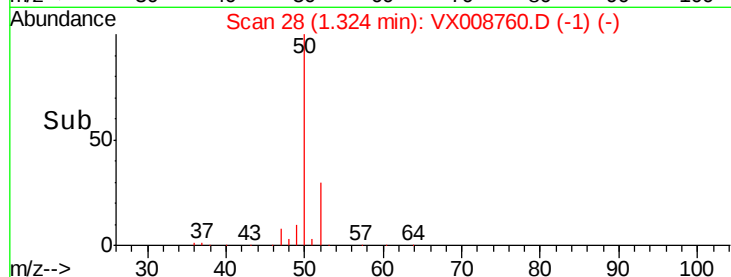
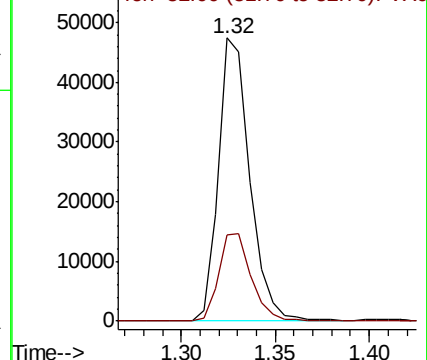
50 100

52 30.4 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008760.D

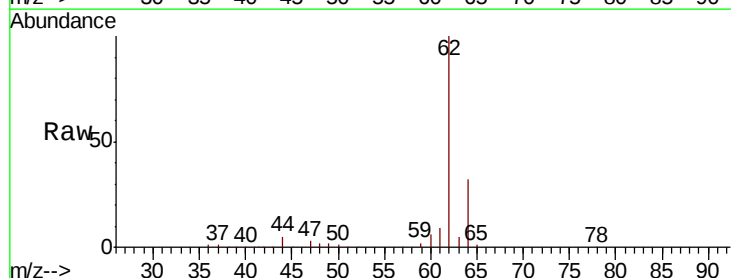
Acq: 09 Apr 2019 09:48

Tgt Ion: 62 Resp: 54200

Ion Ratio Lower Upper

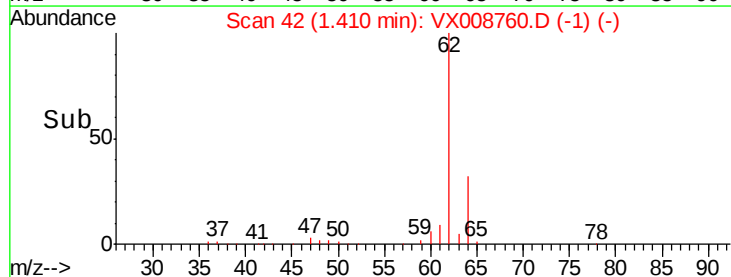
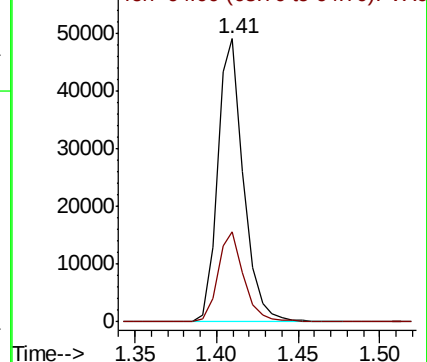
62 100

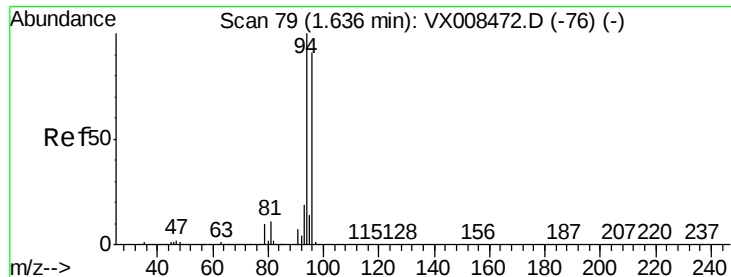
64 31.9 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.873 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

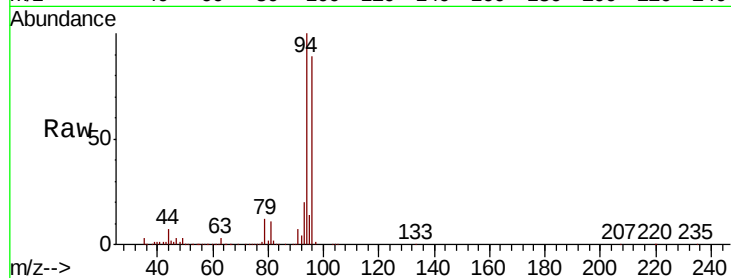
VSTDCCC020

Tgt Ion: 94 Resp: 27754

Ion Ratio Lower Upper

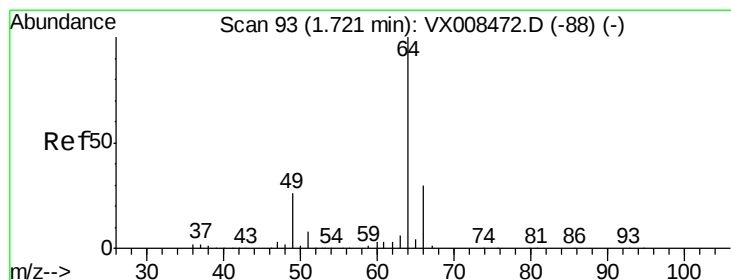
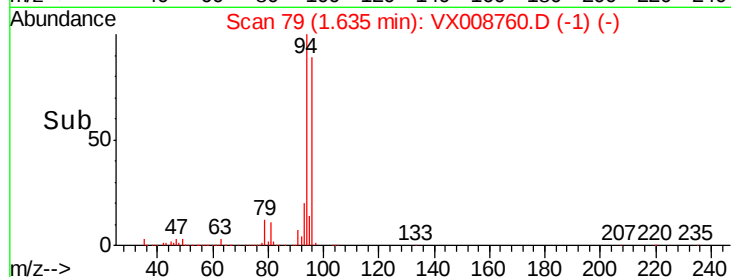
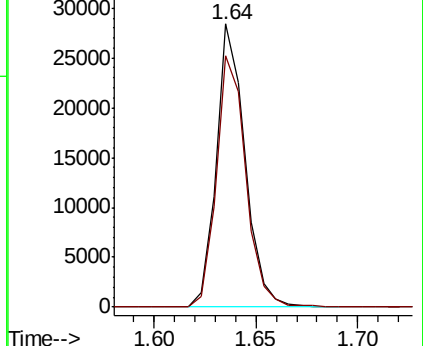
94 100

96 89.0 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 15.888 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008760.D

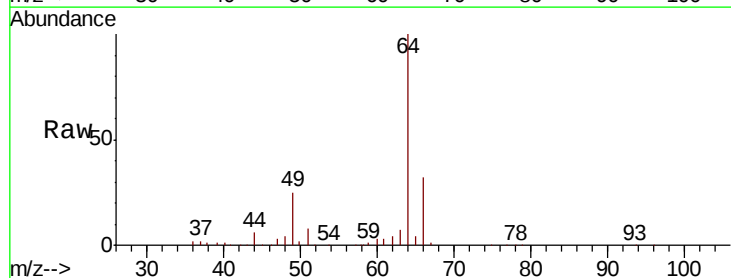
Acq: 09 Apr 2019 09:48

Tgt Ion: 64 Resp: 33012

Ion Ratio Lower Upper

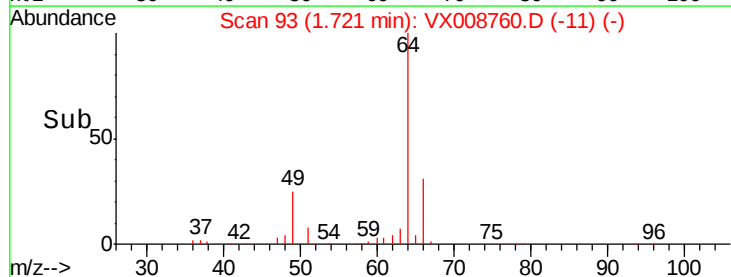
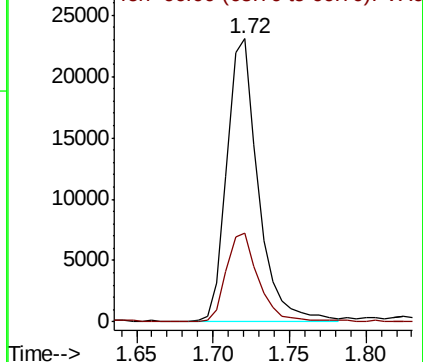
64 100

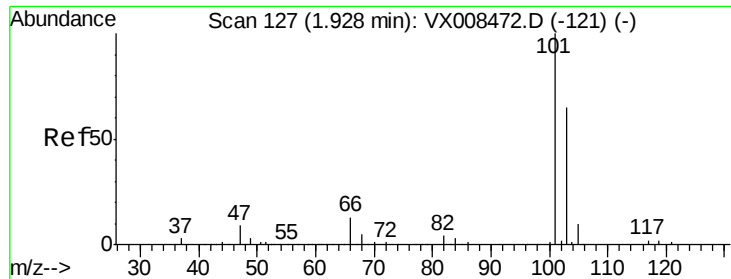
66 31.6 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



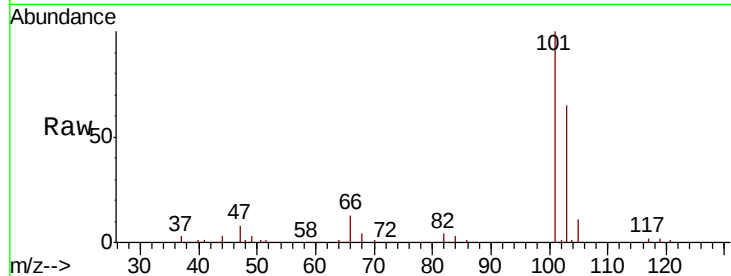


#7

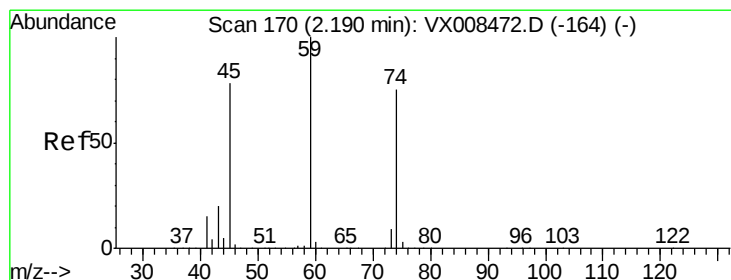
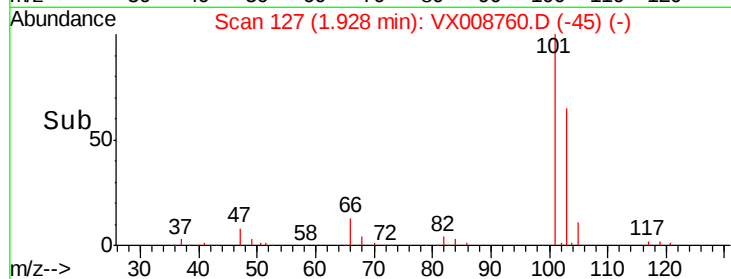
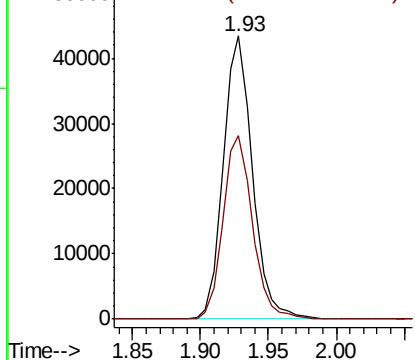
Trichlorofluoromethane
 Concen: 18.367 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
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 VSTDCCC020

Tgt Ion: 101 Resp: 64718
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6



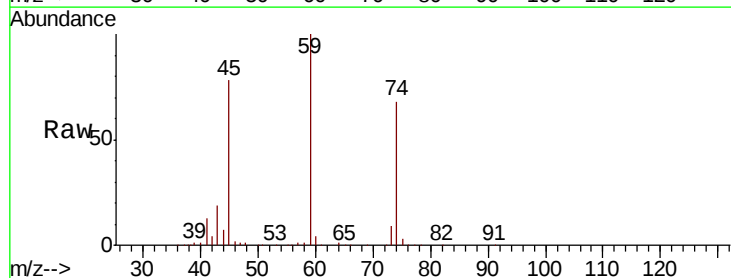
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



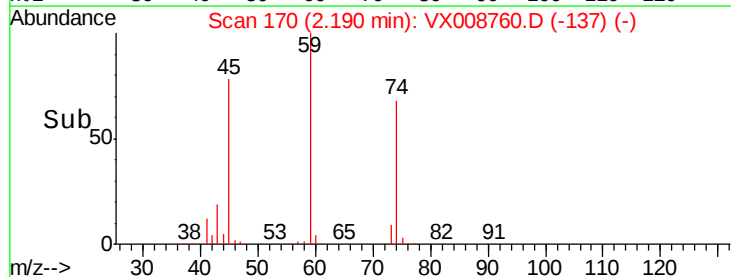
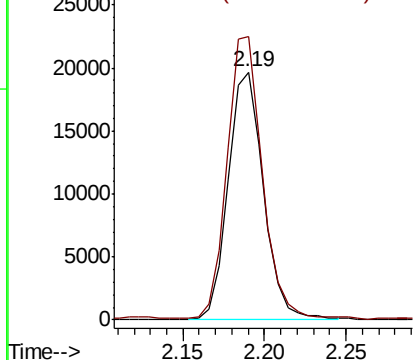
#8

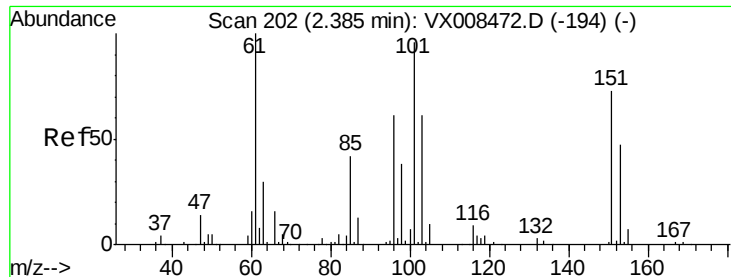
Diethyl Ether
 Concen: 17.892 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 74 Resp: 29731
 Ion Ratio Lower Upper
 74 100
 45 113.7 18.6 167.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.364 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

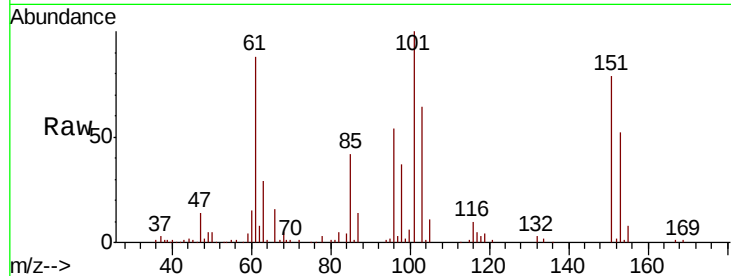
Tgt Ion:101 Resp: 40295

Ion Ratio Lower Upper

101 100

85 43.9 0.0 86.8

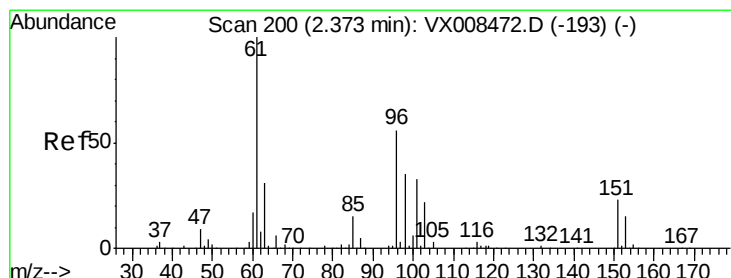
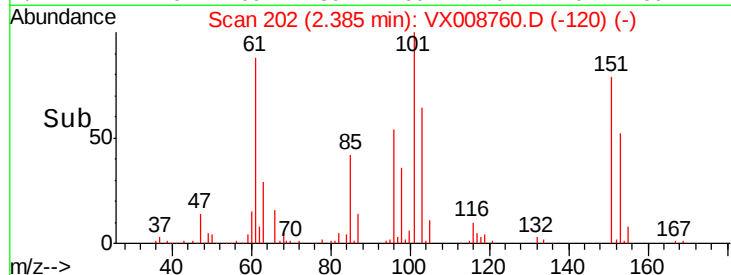
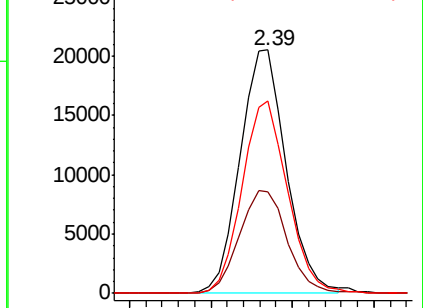
151 78.1 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.943 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

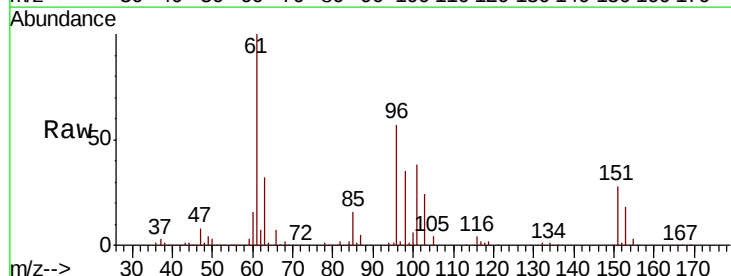
Tgt Ion: 96 Resp: 39943

Ion Ratio Lower Upper

96 100

61 176.3 120.2 180.2

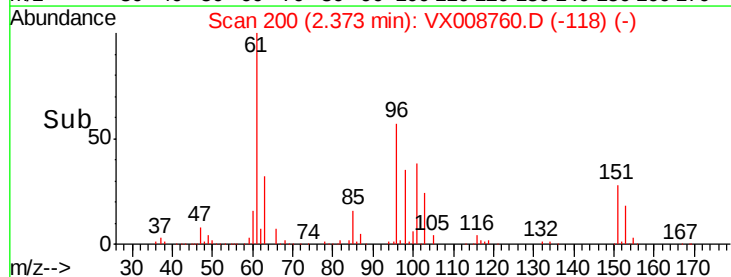
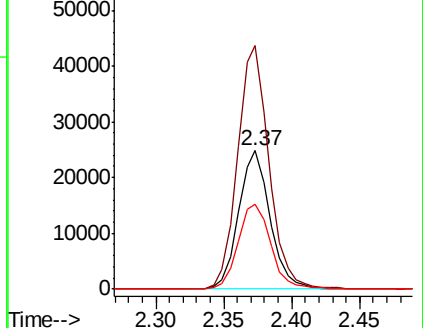
98 61.8 49.0 73.4

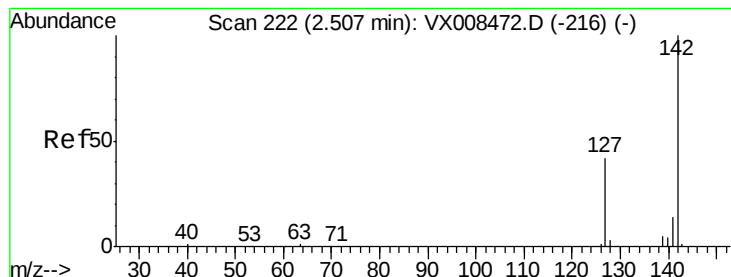


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

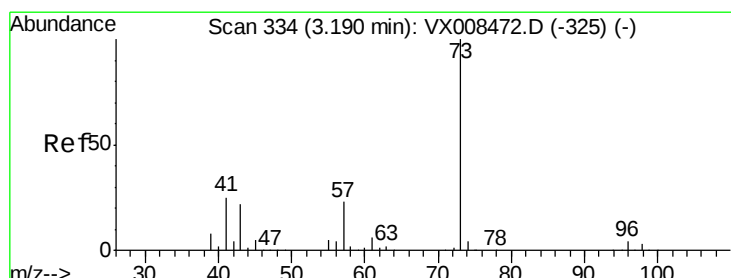
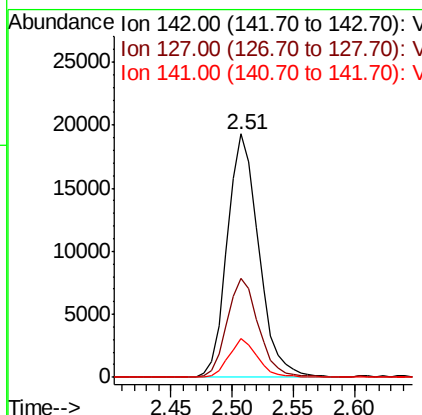
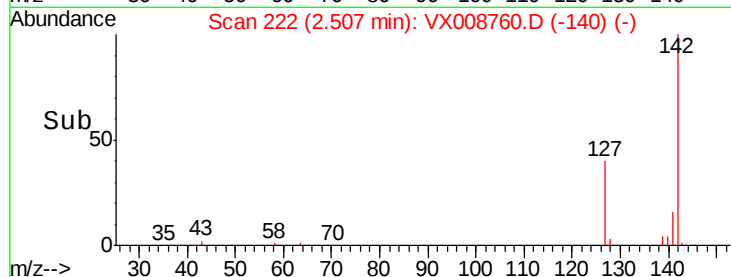
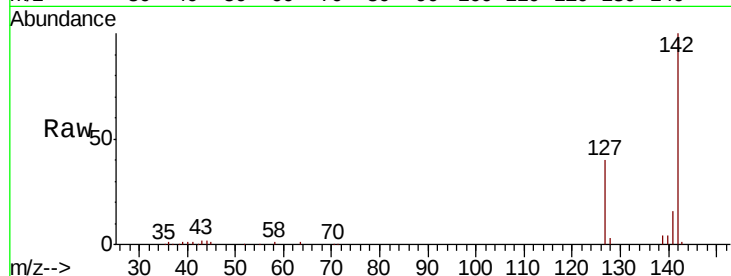




#11
Methyl Iodide
Concen: 14.965 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

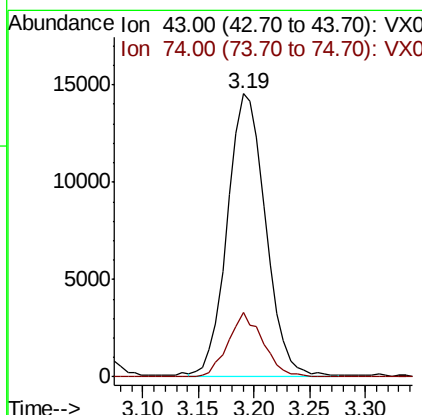
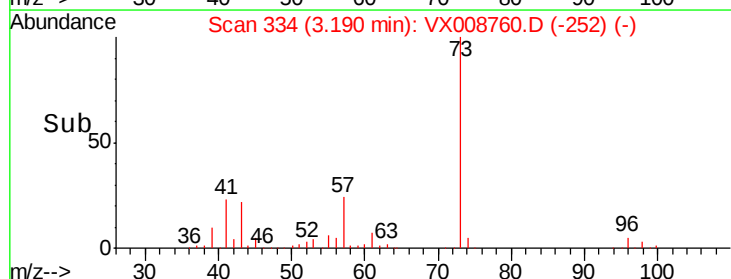
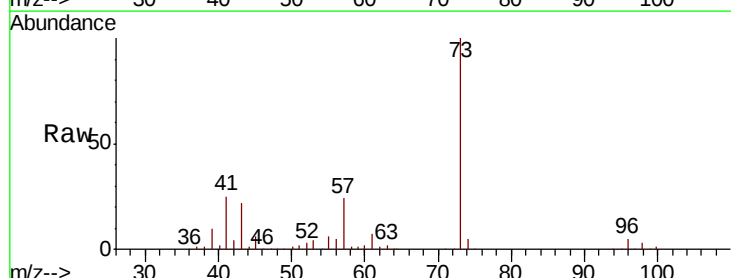
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

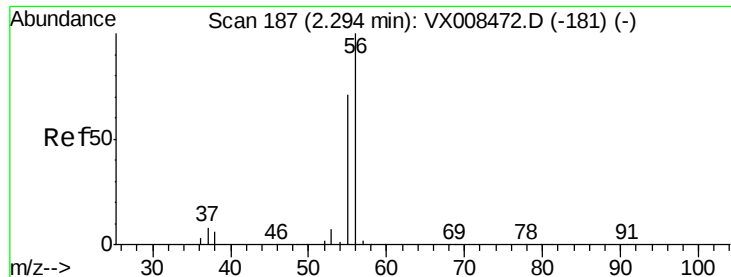
Tgt Ion: 142 Resp: 34497
Ion Ratio Lower Upper
142 100
127 40.5 22.1 66.5
141 15.8 7.4 22.3



#12
Methyl Acetate
Concen: 19.155 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 34560
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.0





#13

Acrolein

Concen: 115.210 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

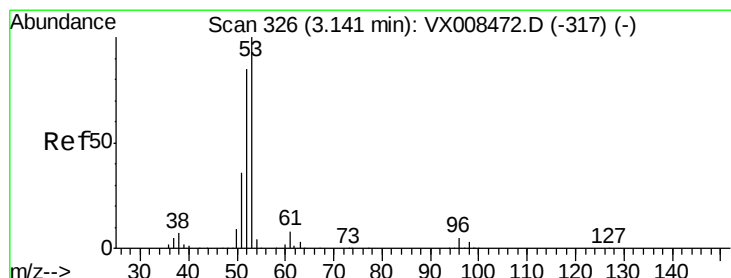
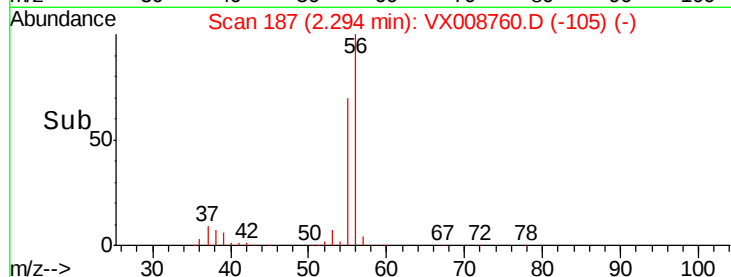
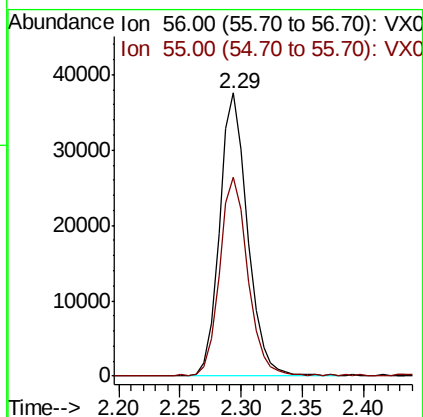
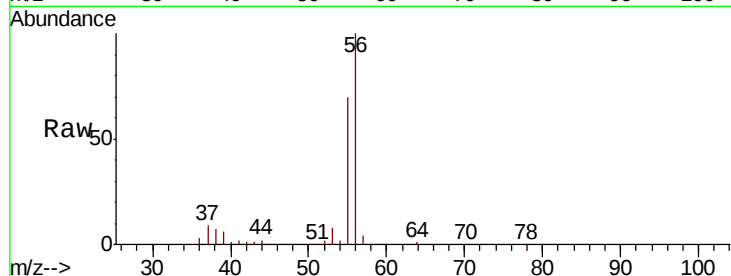
VSTDCCC020

Tgt Ion: 56 Resp: 59633

Ion Ratio Lower Upper

56 100

55 70.9 58.6 87.8



#14

Acrylonitrile

Concen: 99.722 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

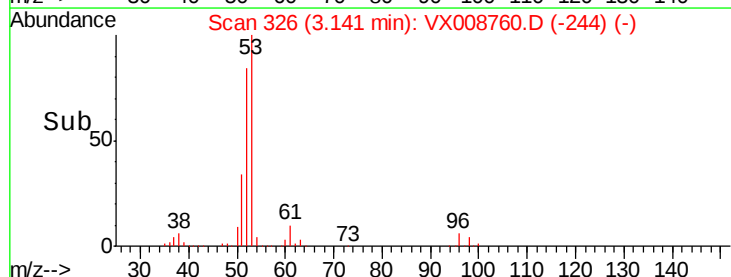
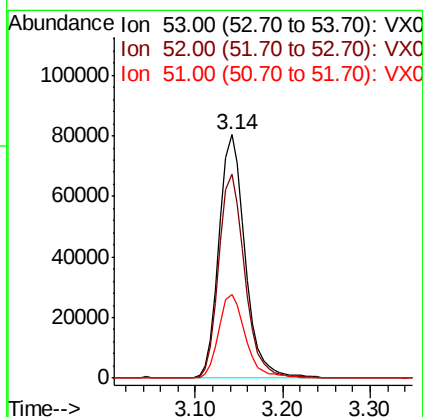
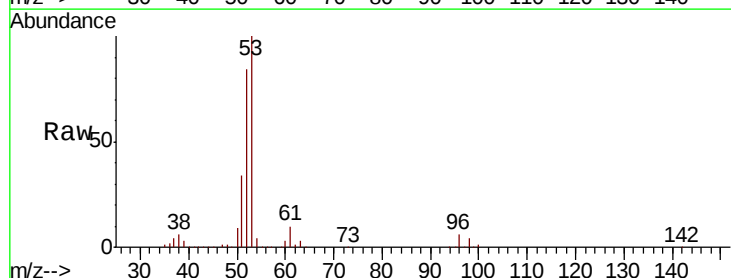
Tgt Ion: 53 Resp: 166344

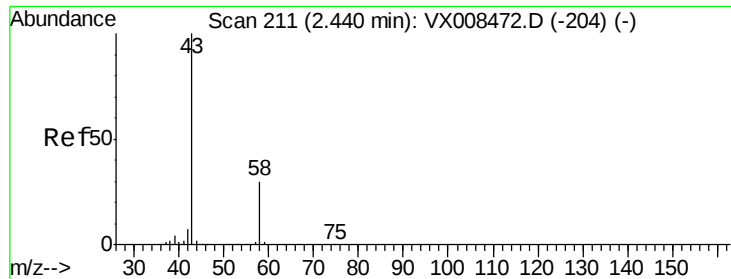
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 35.5 17.5 52.6





#15

Acetone

Concen: 102.591 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

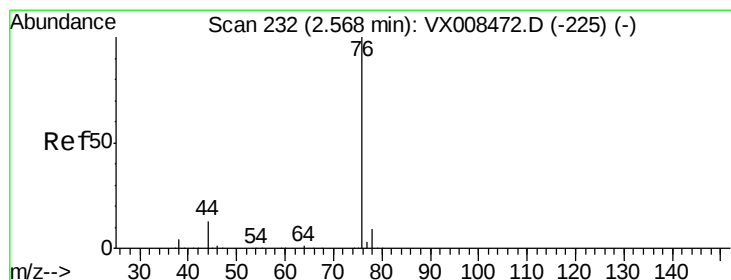
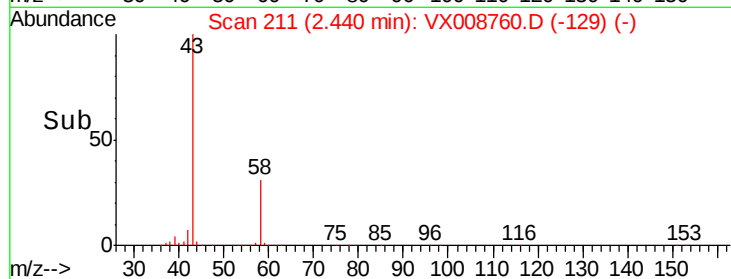
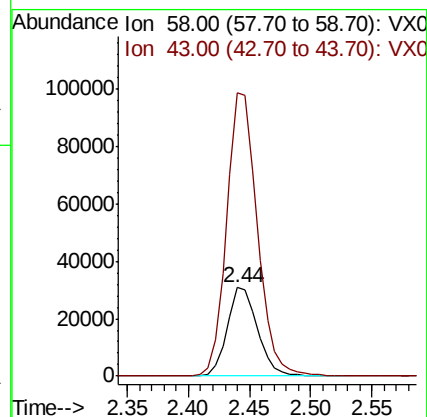
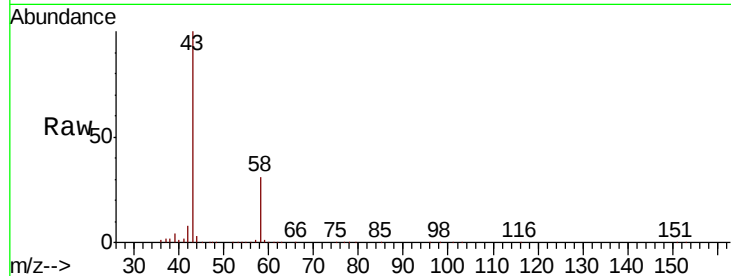
VSTDCCC020

Tgt Ion: 58 Resp: 52772

Ion Ratio Lower Upper

58 100

43 320.0 249.8 374.6



#16

Carbon Disulfide

Concen: 17.311 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008760.D

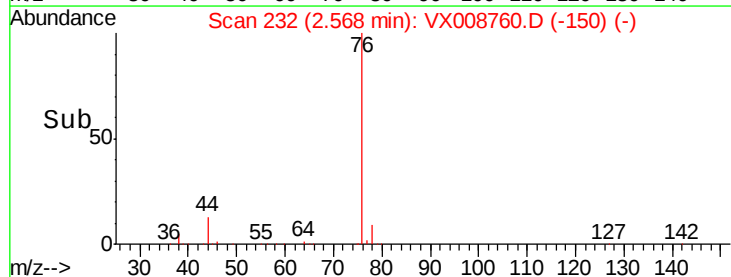
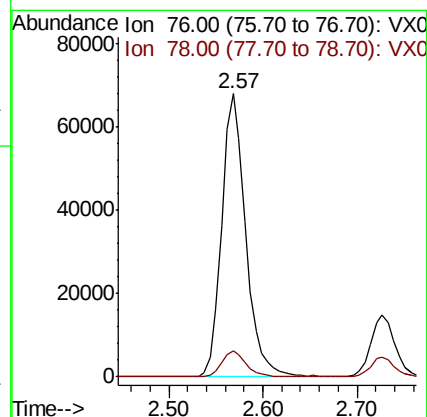
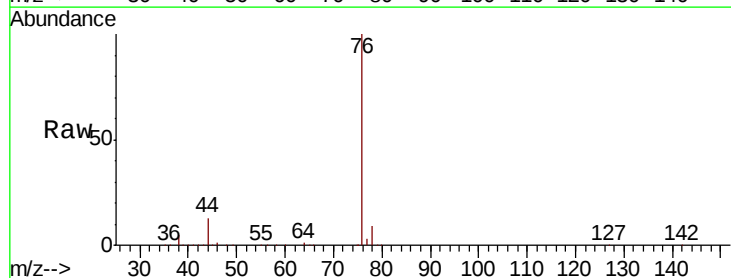
Acq: 09 Apr 2019 09:48

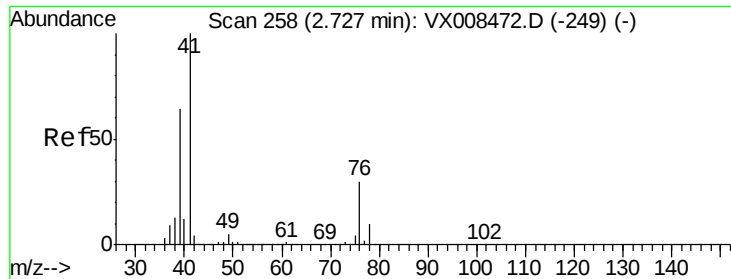
Tgt Ion: 76 Resp: 119879

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

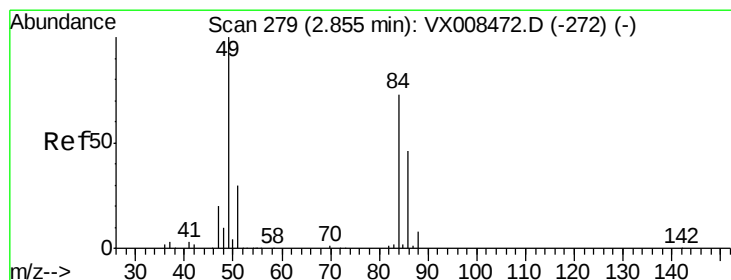
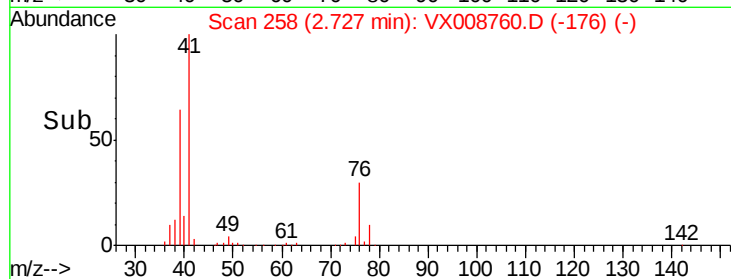
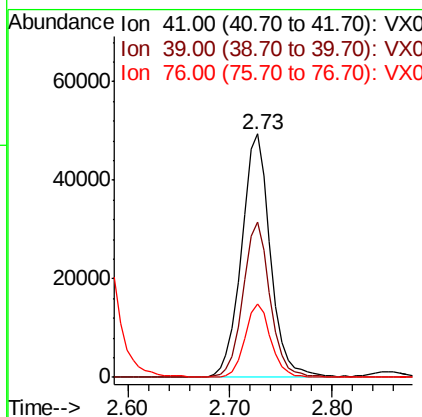
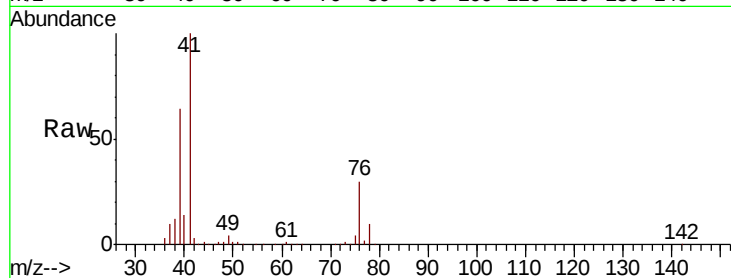




#17
 Allyl chloride
 Concen: 19.487 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

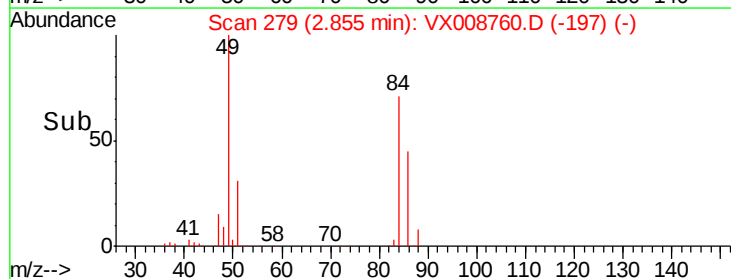
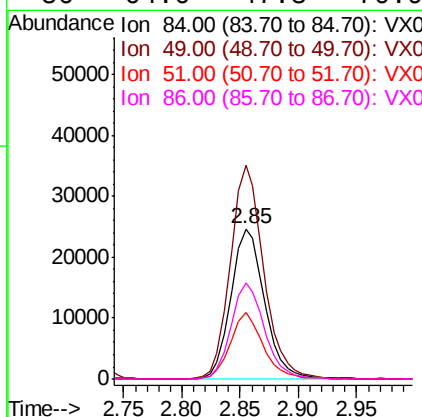
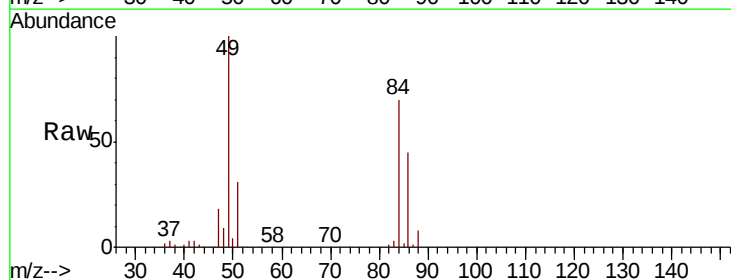
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

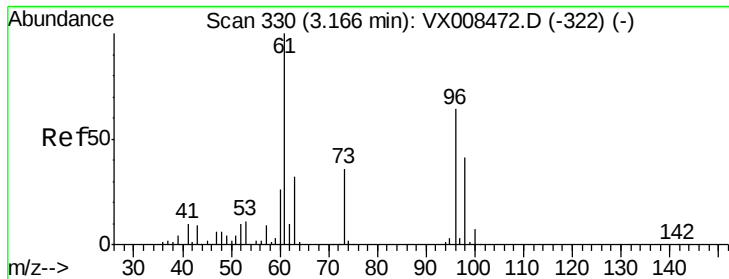
Tgt Ion: 41 Resp: 97497
 Ion Ratio Lower Upper
 41 100
 39 63.7 35.8 107.4
 76 30.2 18.3 54.9



#18
 Methylene Chloride
 Concen: 18.744 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 84 Resp: 49878
 Ion Ratio Lower Upper
 84 100
 49 142.0 96.1 144.1
 51 44.2 29.1 43.7#
 86 64.0 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.714 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

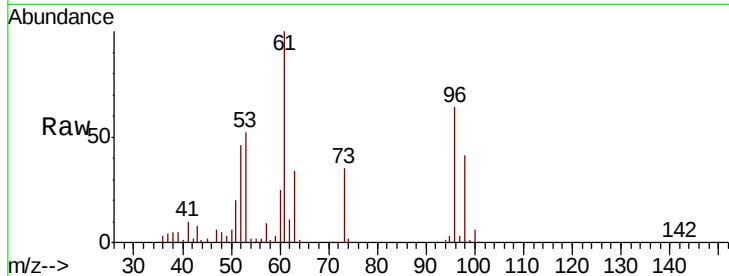
Tgt Ion: 96 Resp: 44508

Ion Ratio Lower Upper

96 100

61 155.2 109.9 164.9

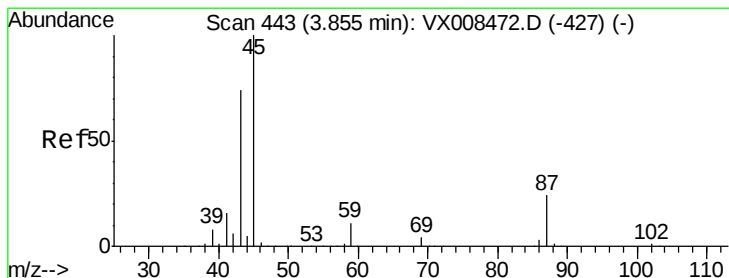
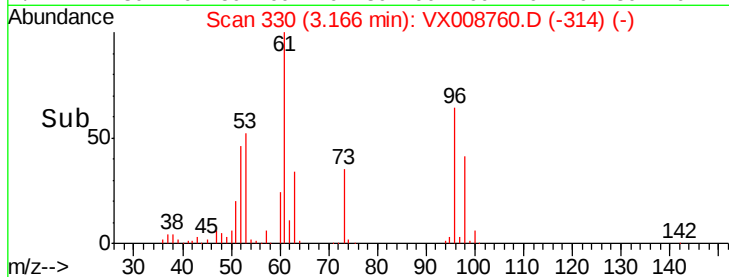
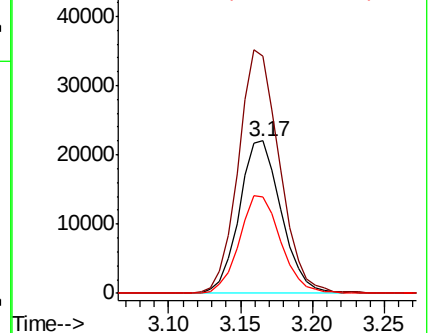
98 63.1 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.990 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion: 45 Resp: 194656

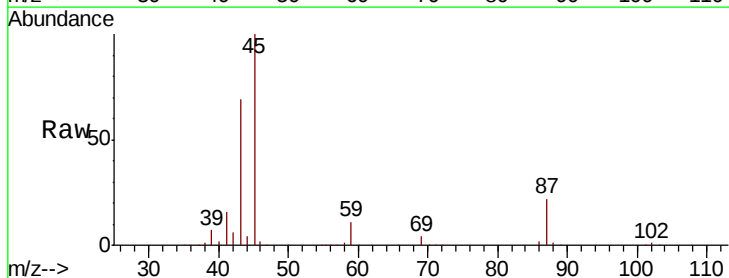
Ion Ratio Lower Upper

45 100

43 69.1 50.6 76.0

87 22.5 24.5 36.7#

59 11.4 10.2 15.2

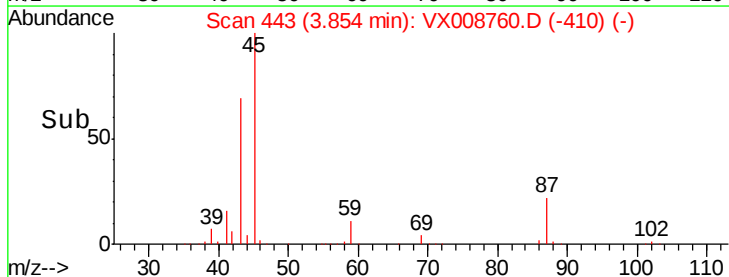
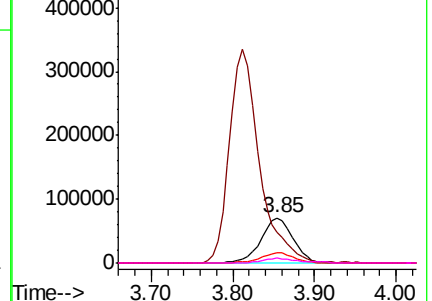


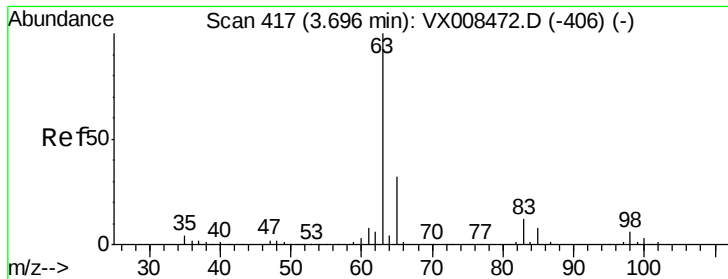
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 19.340 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

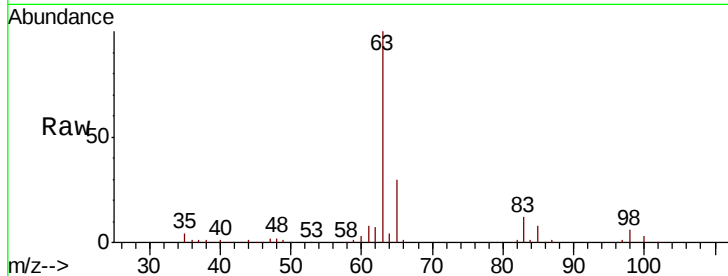
Tgt Ion: 63 Resp: 94531

Ion Ratio Lower Upper

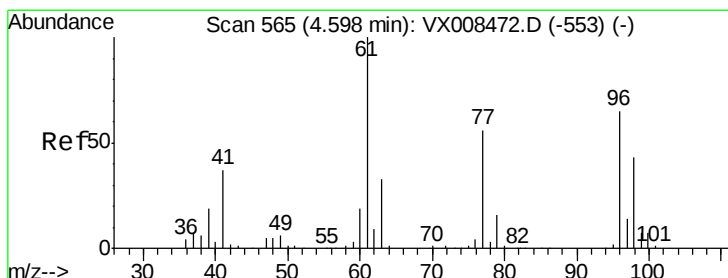
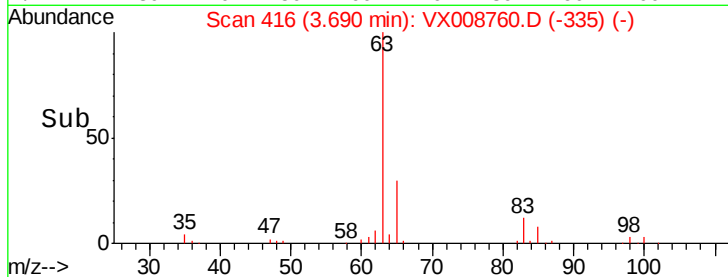
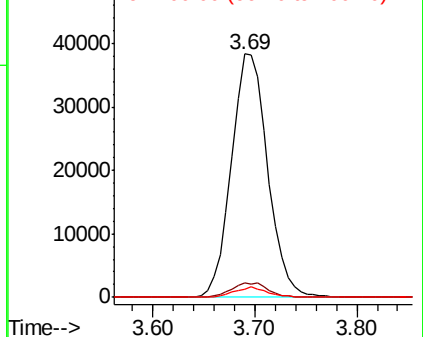
63 100

98 6.0 3.8 11.4

100 3.4 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.167 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

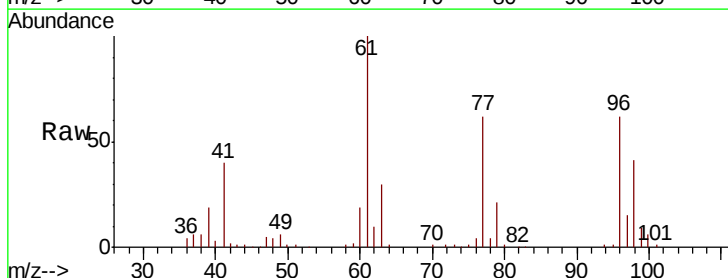
Tgt Ion: 96 Resp: 52676

Ion Ratio Lower Upper

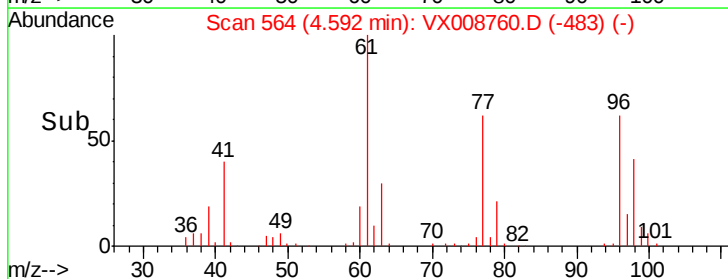
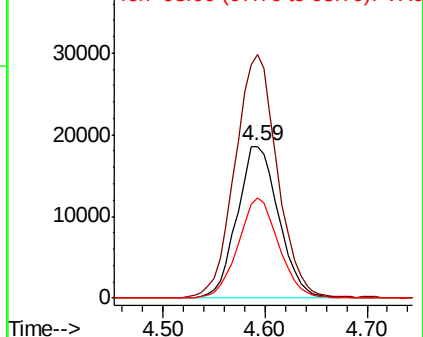
96 100

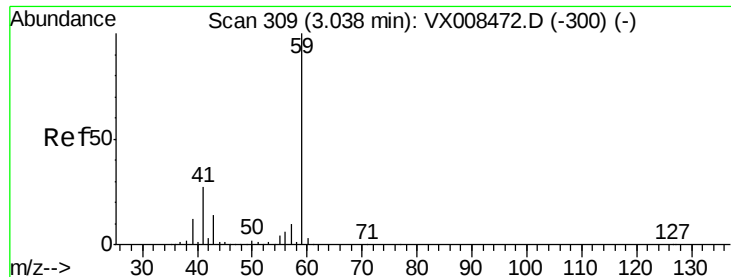
61 163.4 103.5 155.3#

98 64.4 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 94.865 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

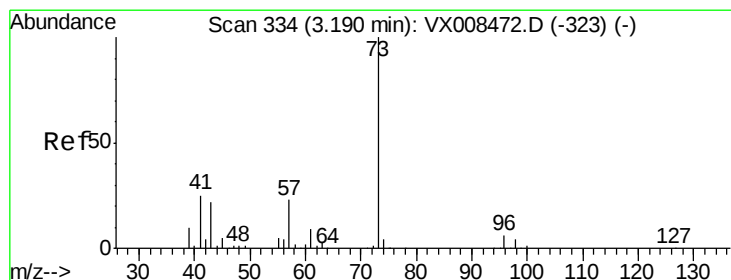
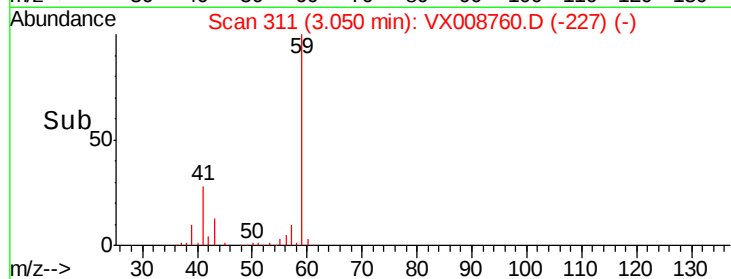
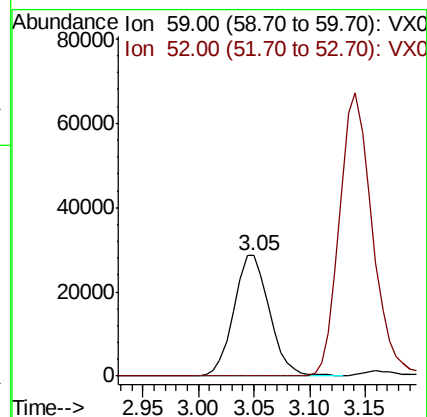
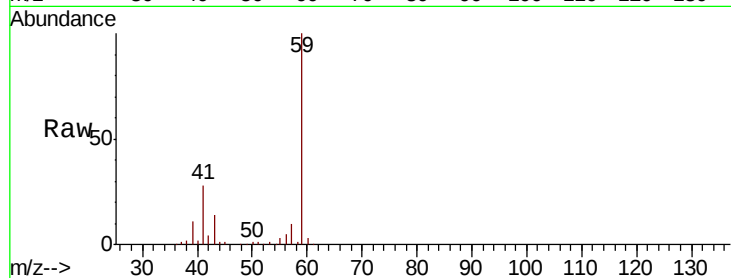
VSTDCCC020

Tgt Ion: 59 Resp: 63899

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.465 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX008760.D

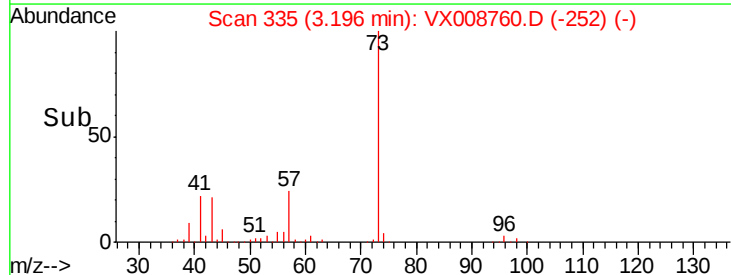
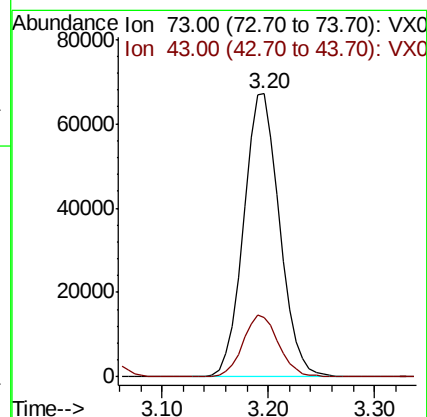
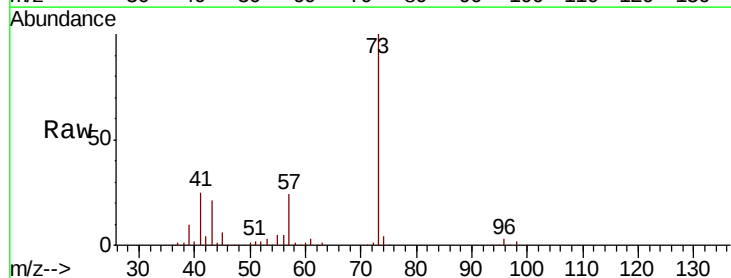
Acq: 09 Apr 2019 09:48

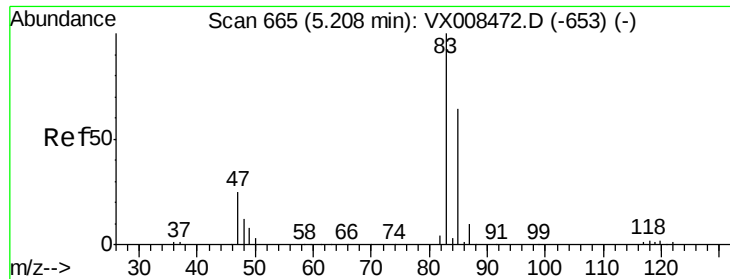
Tgt Ion: 73 Resp: 159249

Ion Ratio Lower Upper

73 100

43 21.7 17.1 25.7





#25

Chloroform

Concen: 19.386 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

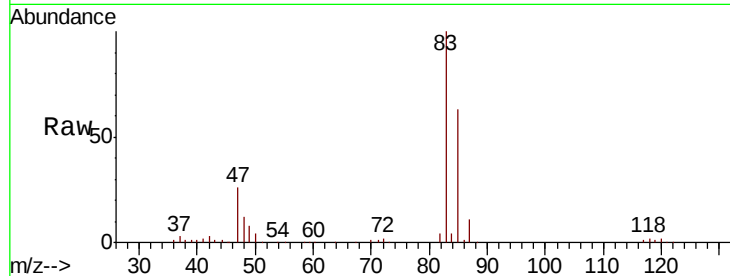
VSTDCCC020

Tgt Ion: 83 Resp: 85832

Ion Ratio Lower Upper

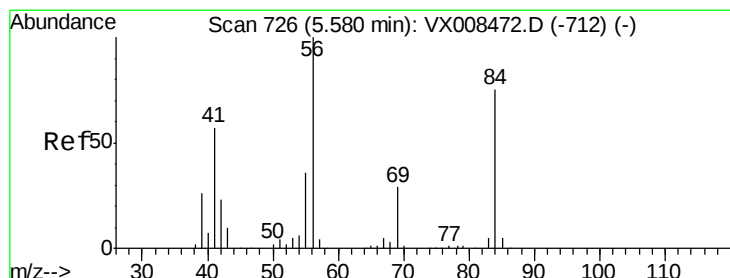
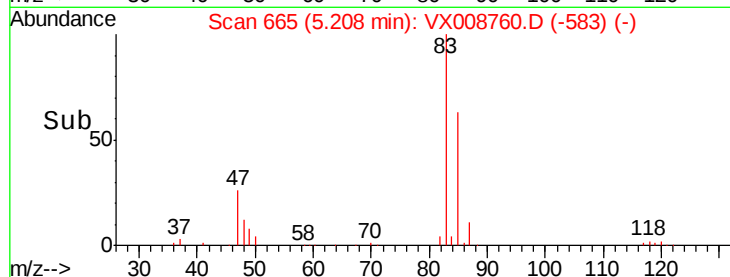
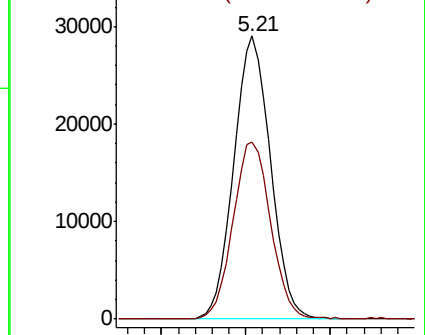
83 100

85 62.8 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.309 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

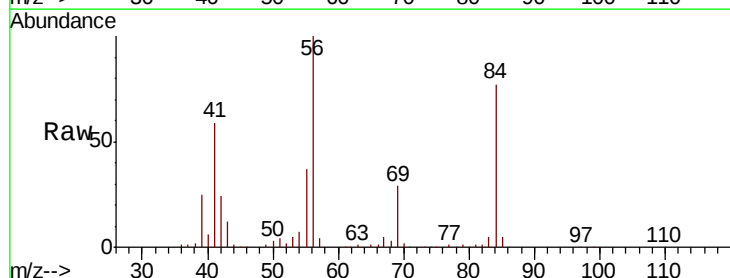
Tgt Ion: 56 Resp: 91691

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

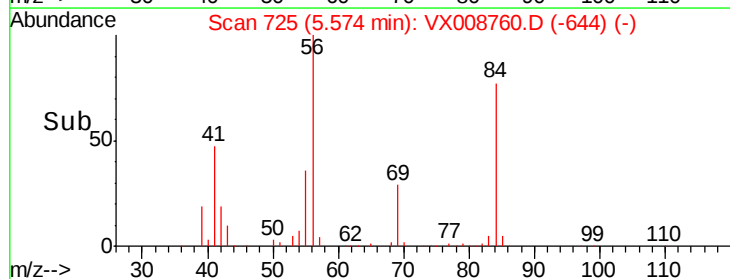
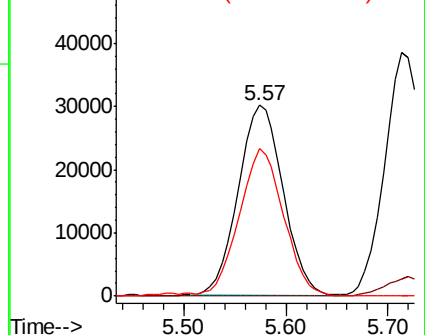
84 77.0 73.9 110.9

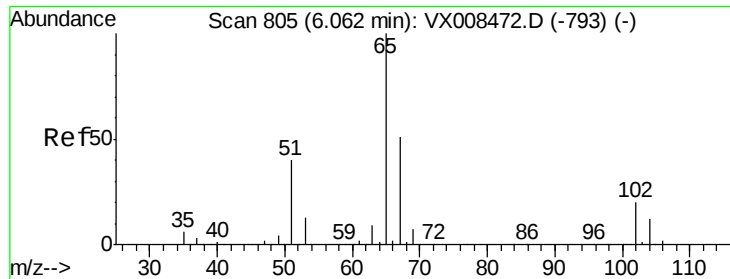


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

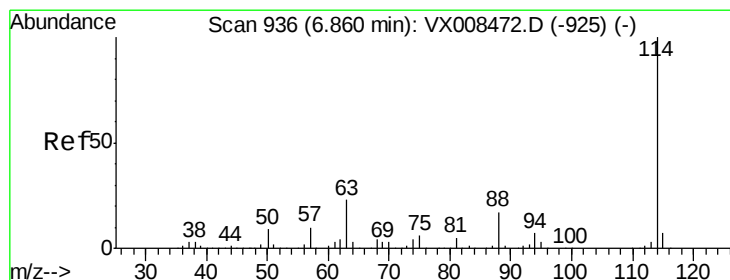
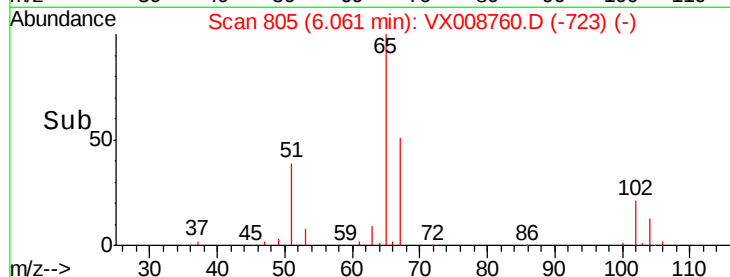
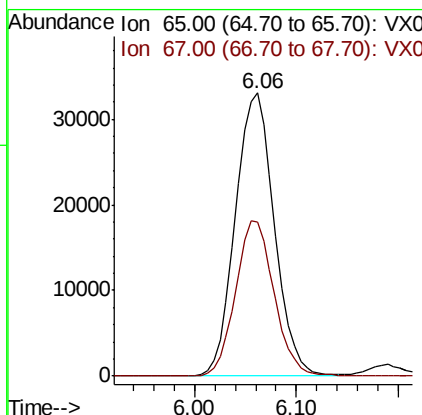
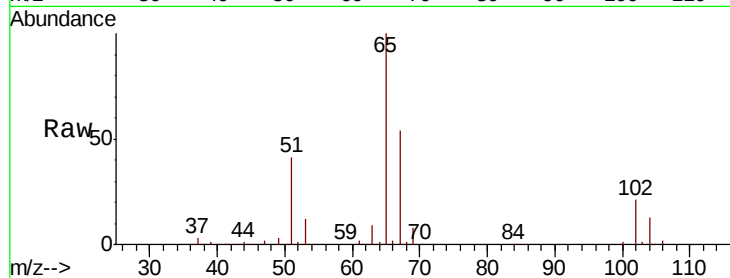




#27
 1,2-Dichloroethane-d4
 Concen: 29.890 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

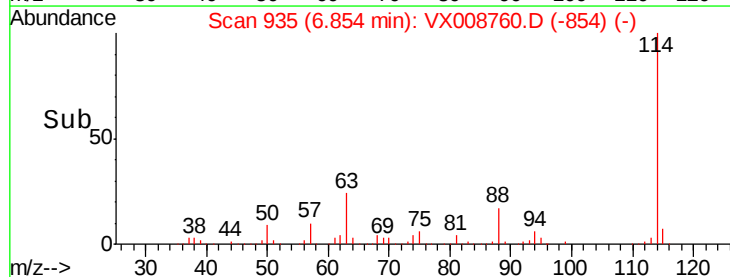
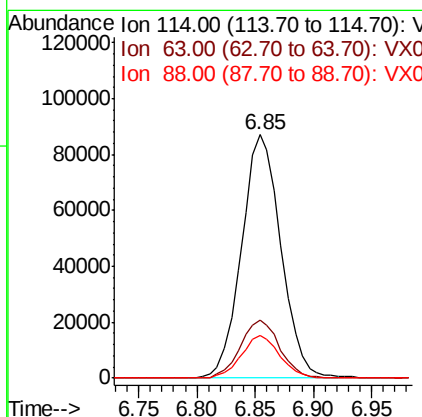
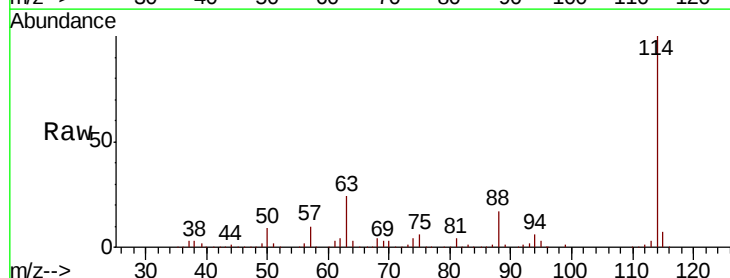
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

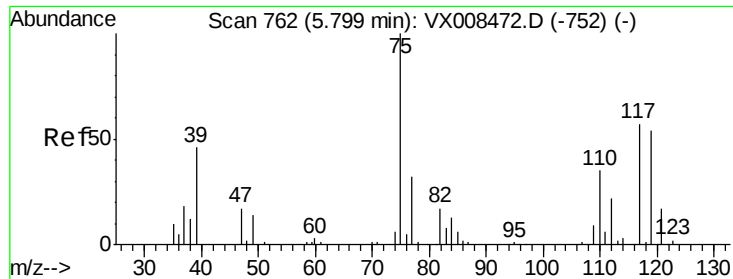
Tgt Ion: 65 Resp: 87899
 Ion Ratio Lower Upper
 65 100
 67 54.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 114 Resp: 204675
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 17.0 11.9 17.9

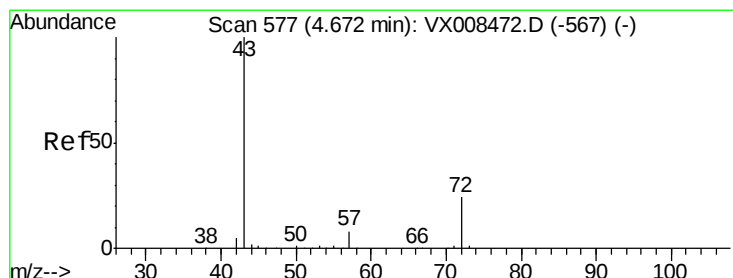
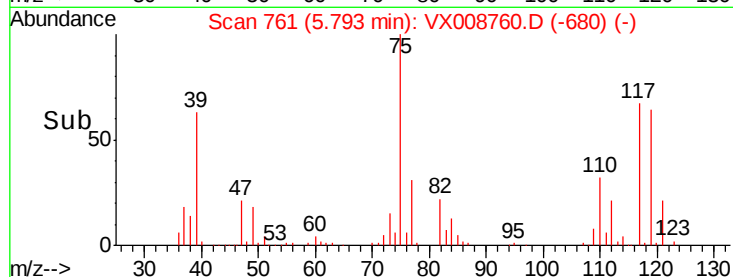
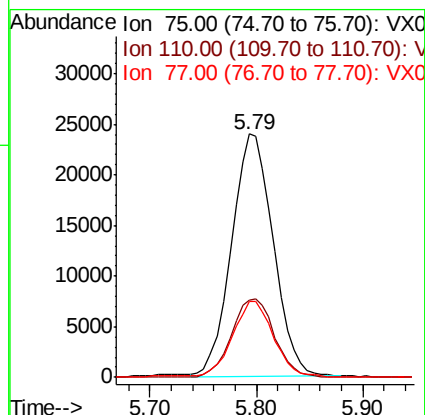
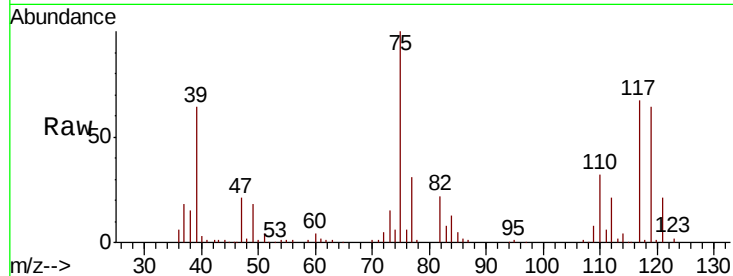




#29
 1,1-Dichloropropene
 Concen: 19.046 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

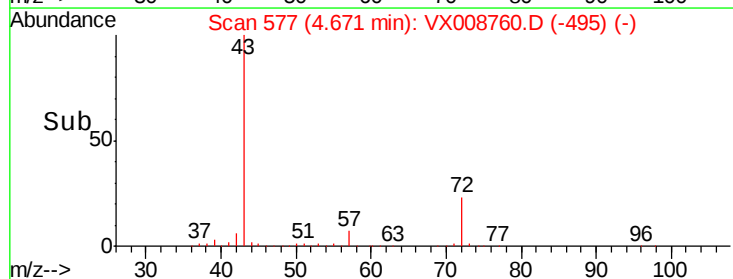
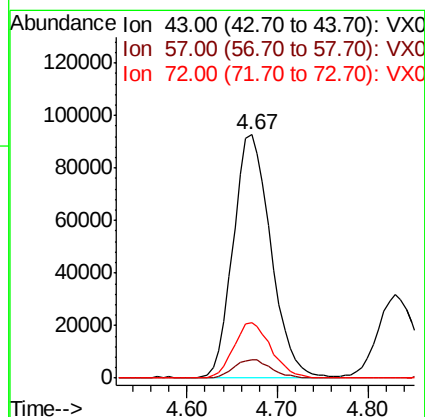
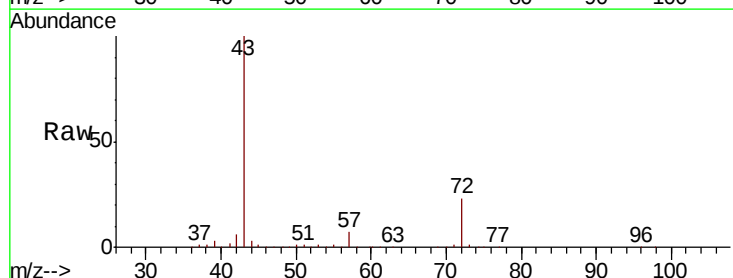
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

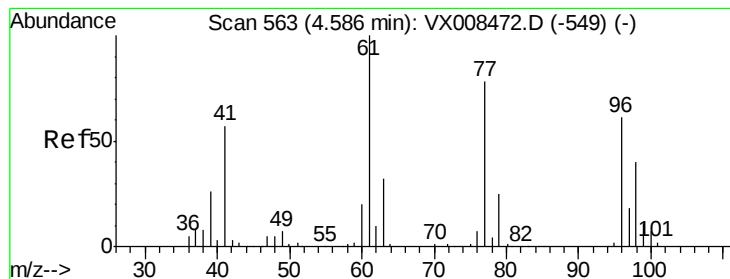
Tgt Ion: 75 Resp: 65582
 Ion Ratio Lower Upper
 75 100
 110 33.3 0.0 80.8
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 105.273 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 266558
 Ion Ratio Lower Upper
 43 100
 57 7.6 7.0 10.6
 72 22.8 21.5 32.3





#31

2,2-Dichloropropane

Concen: 20.144 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

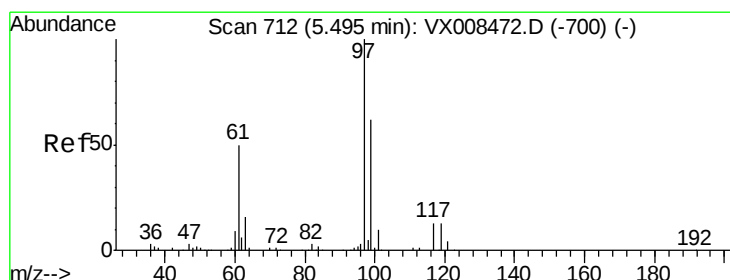
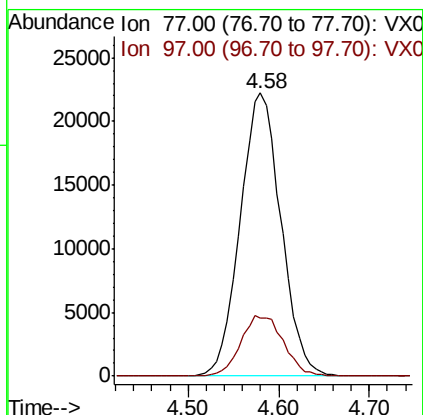
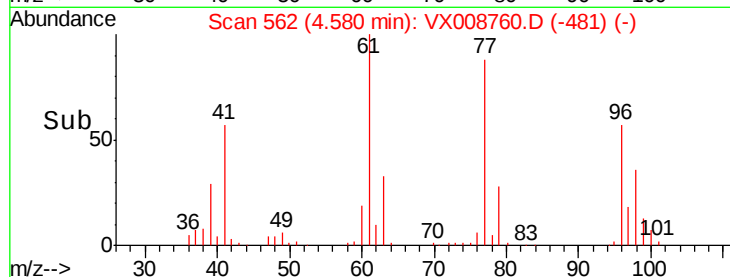
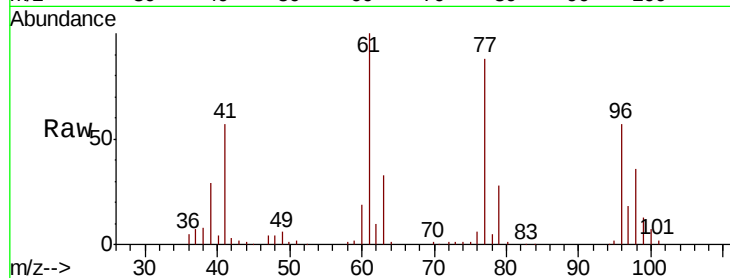
VSTDCCC020

Tgt Ion: 77 Resp: 69276

Ion Ratio Lower Upper

77 100

97 14.0 20.6 31.0#



#32

1,1,1-Trichloroethane

Concen: 19.414 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

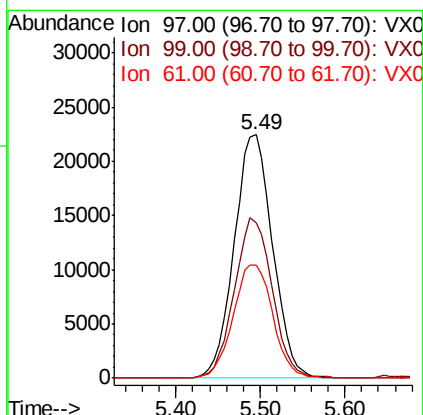
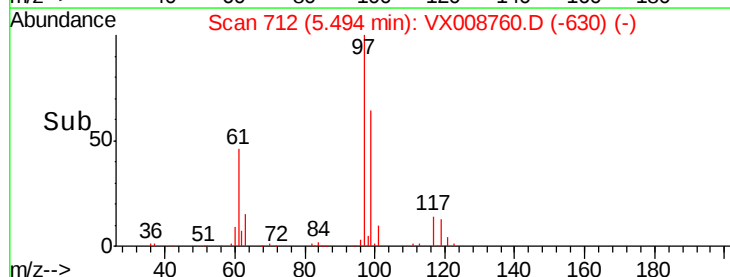
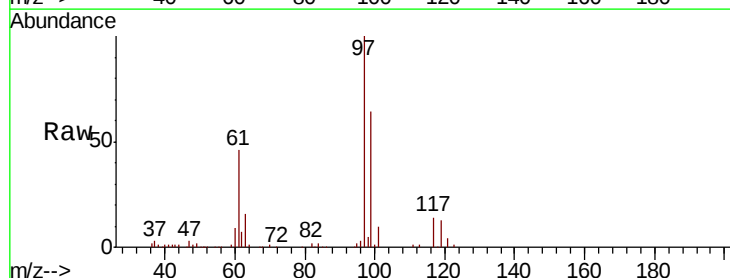
Tgt Ion: 97 Resp: 69419

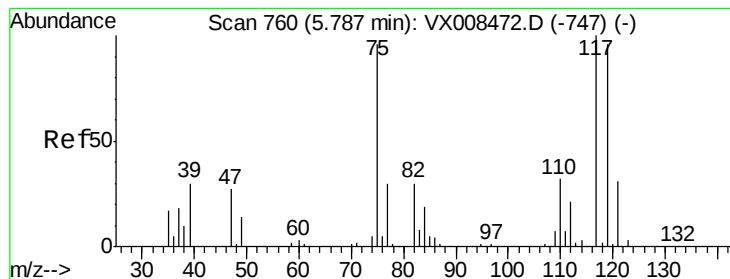
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 47.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.404 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

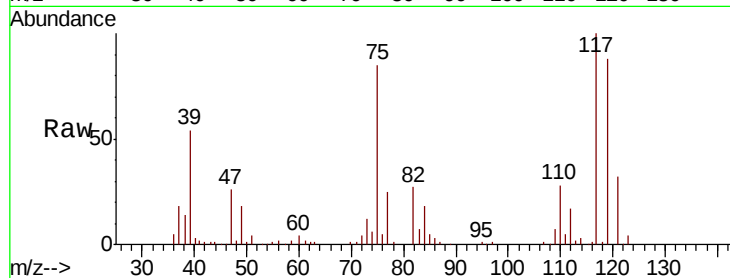
Tgt Ion:117 Resp: 58051

Ion Ratio Lower Upper

117 100

119 88.3 78.1 117.1

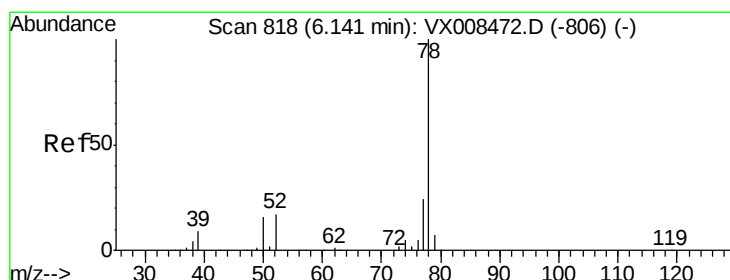
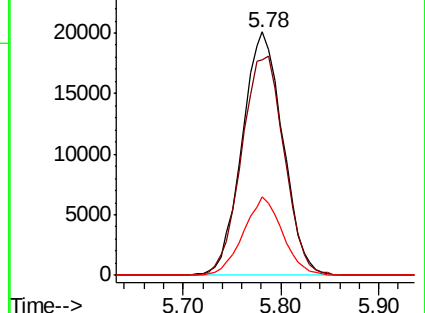
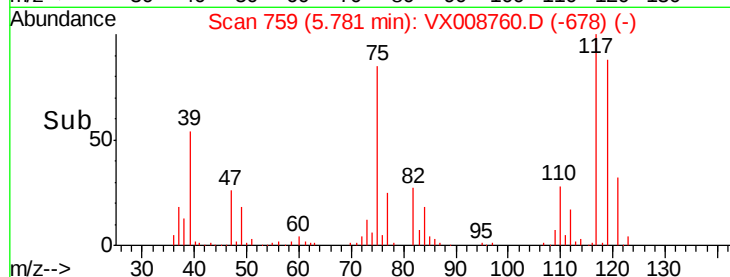
121 32.3 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.367 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

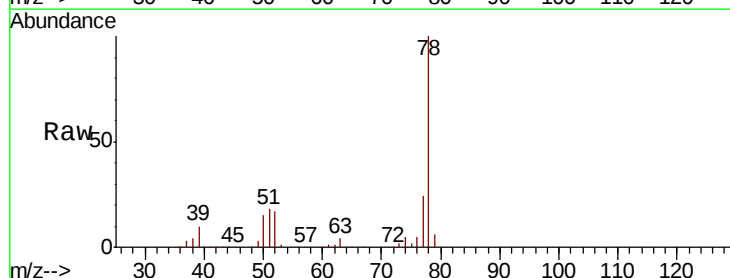
Tgt Ion: 78 Resp: 203855

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

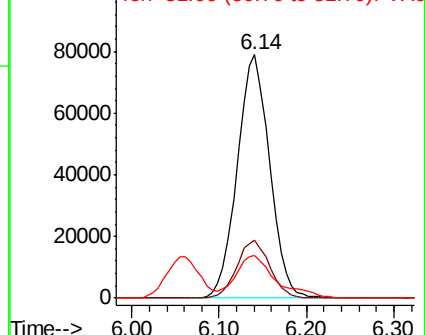
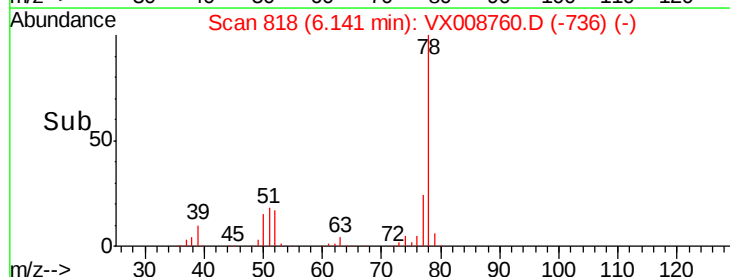
51 17.5 10.8 16.2#

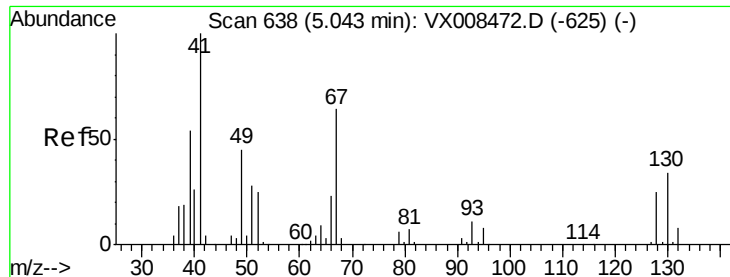


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

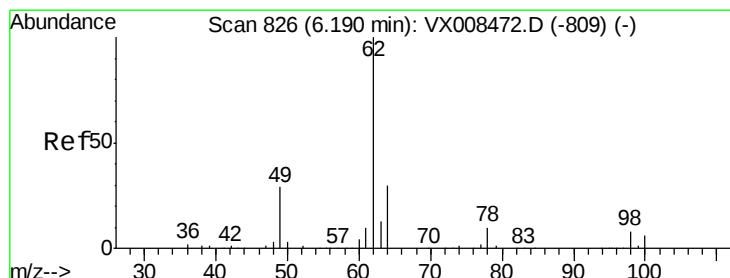
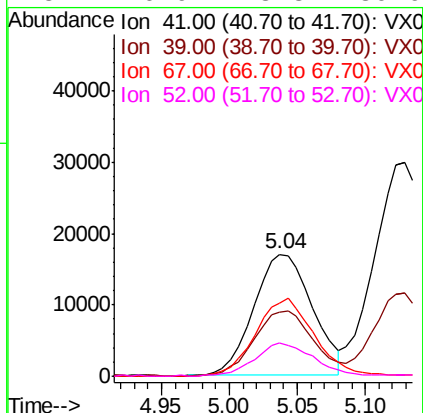
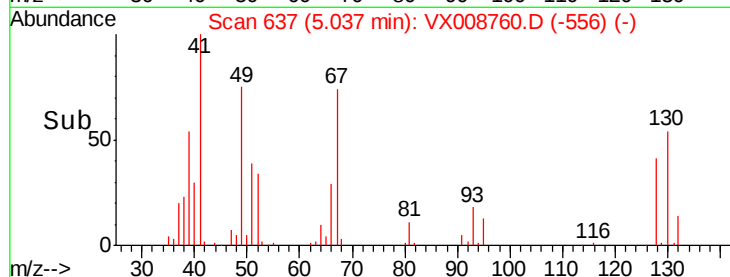
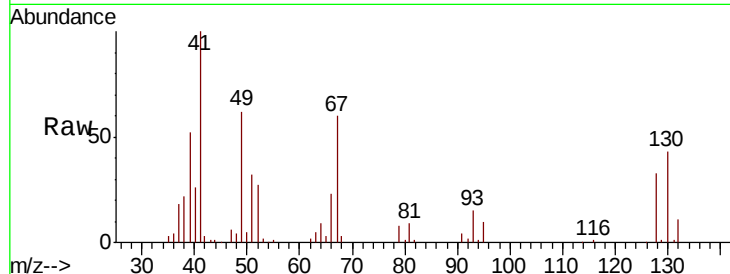




#35
Methacrylonitrile
Concen: 19.928 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

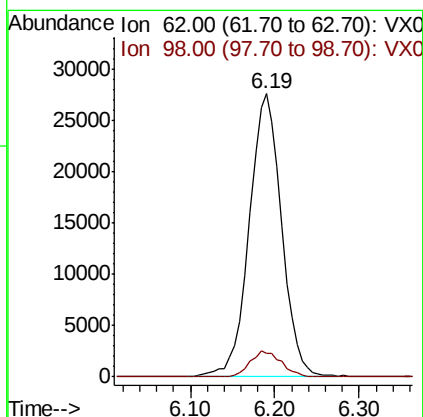
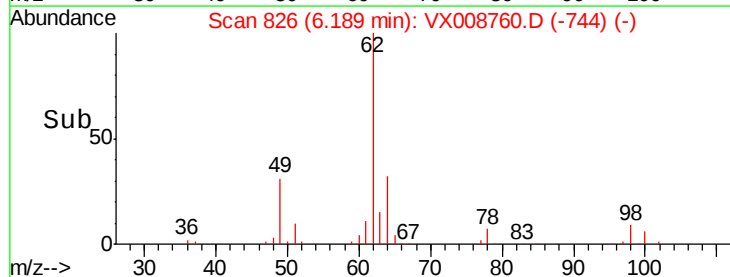
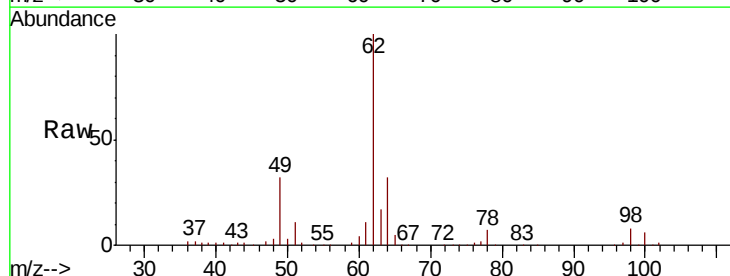
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

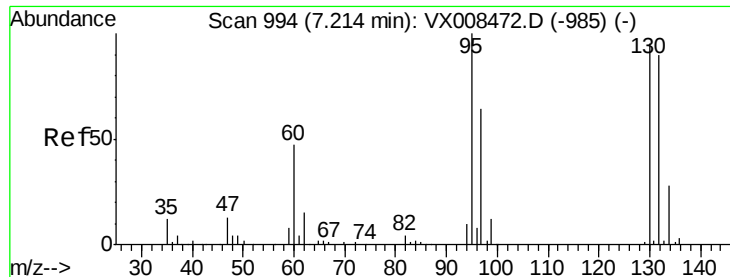
Tgt Ion: 41 Resp: 51314
Ion Ratio Lower Upper
41 100
39 52.1 27.4 82.0
67 59.9 37.9 113.6
52 26.9 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 62 Resp: 72372
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8

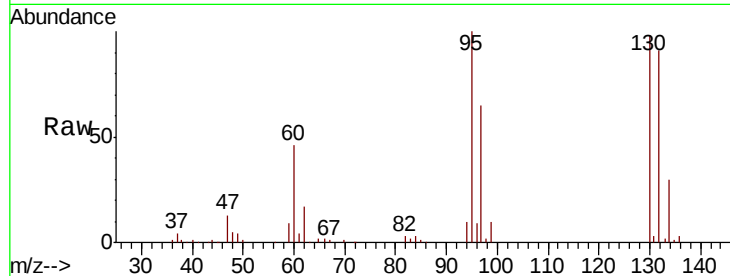




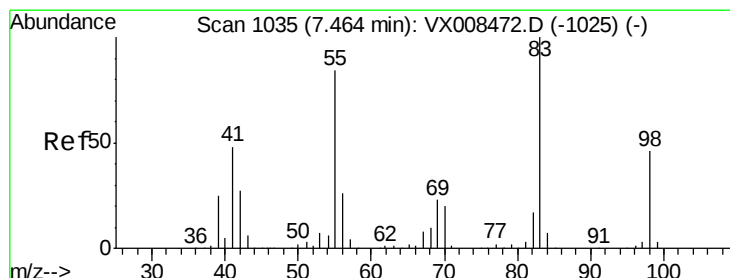
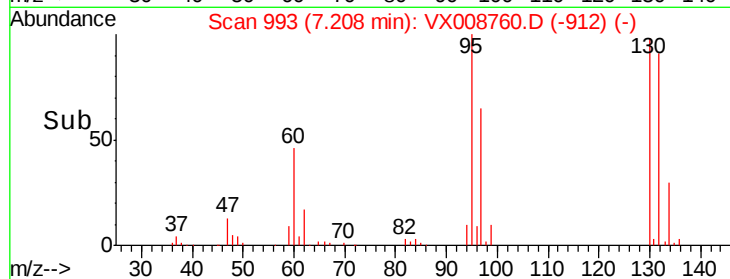
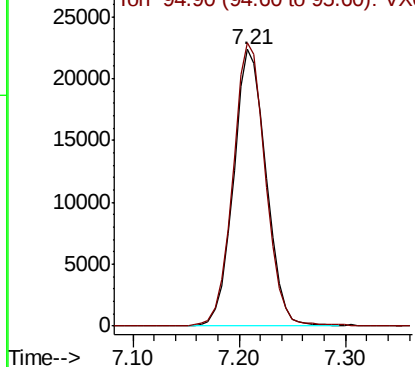
#37
 Trichloroethene
 Concen: 19.834 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tgt Ion:130 Resp: 48011
 Ion Ratio Lower Upper
 130 100
 95 102.3 71.3 106.9

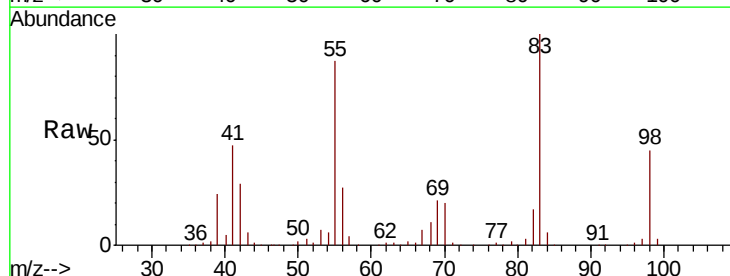


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

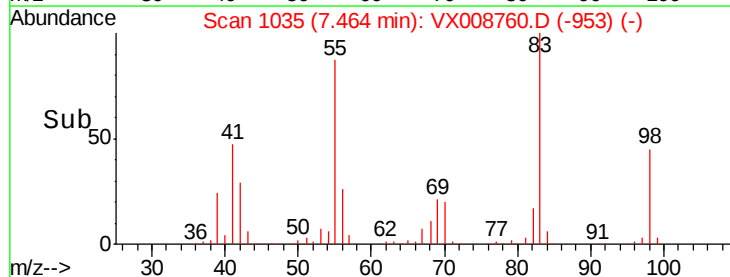
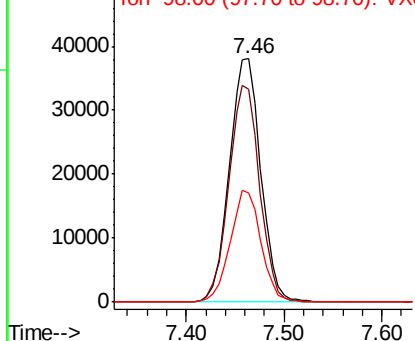


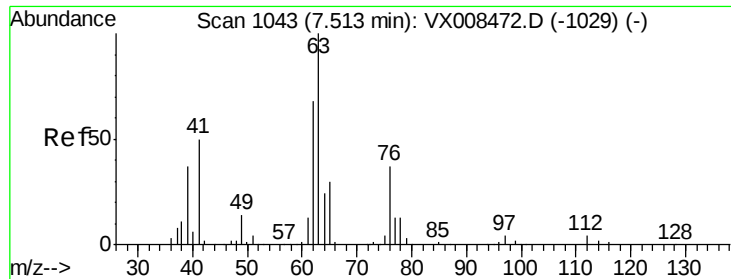
#38
 Methylcyclohexane
 Concen: 19.565 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 83 Resp: 84892
 Ion Ratio Lower Upper
 83 100
 55 86.8 36.0 108.0
 98 44.8 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.195 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

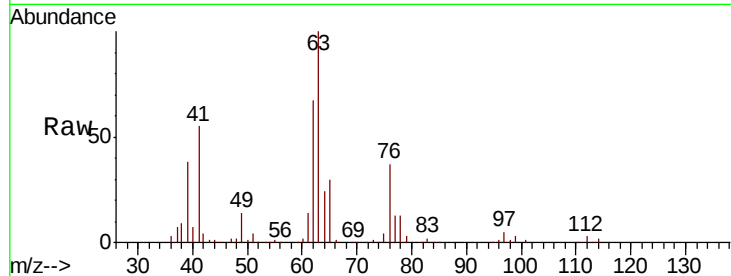
VSTDCCC020

Tgt Ion: 63 Resp: 57306

Ion Ratio Lower Upper

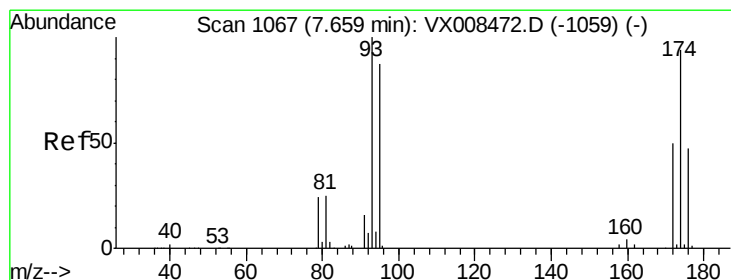
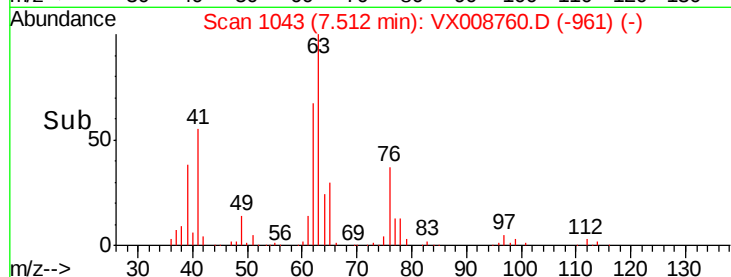
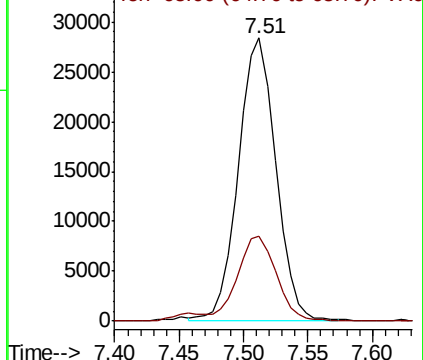
63 100

65 30.3 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.632 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

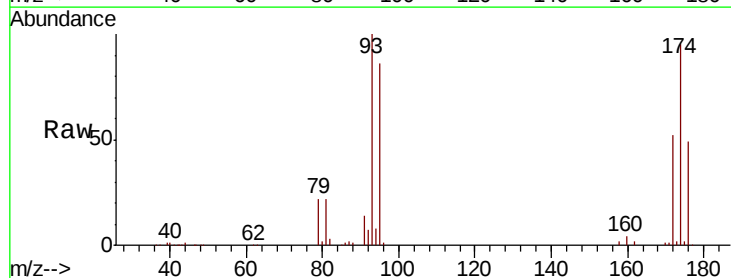
Tgt Ion: 93 Resp: 32222

Ion Ratio Lower Upper

93 100

95 84.0 0.0 158.8

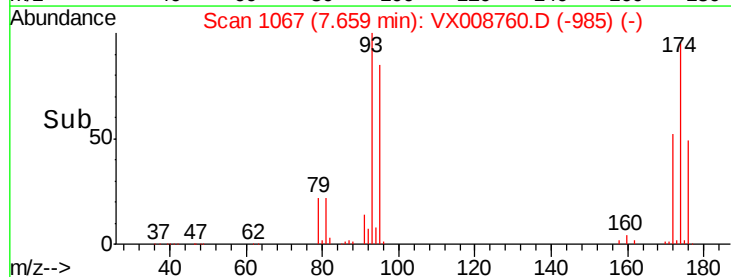
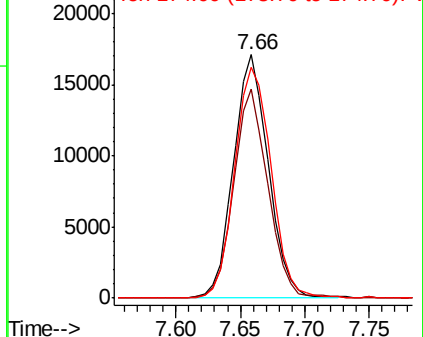
174 98.6 0.0 224.2

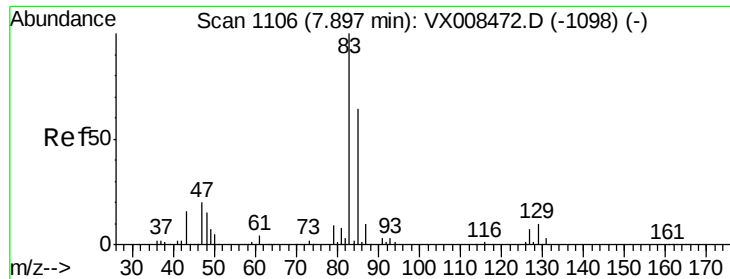


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.015 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

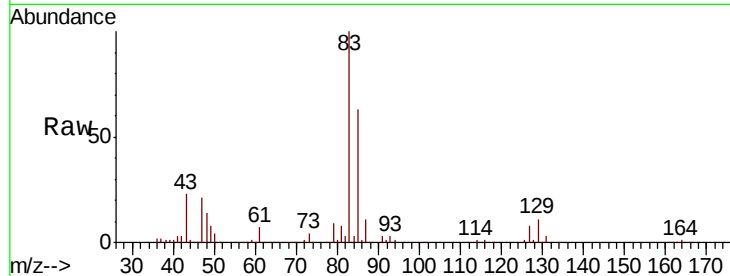
Tgt Ion: 83 Resp: 64661

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

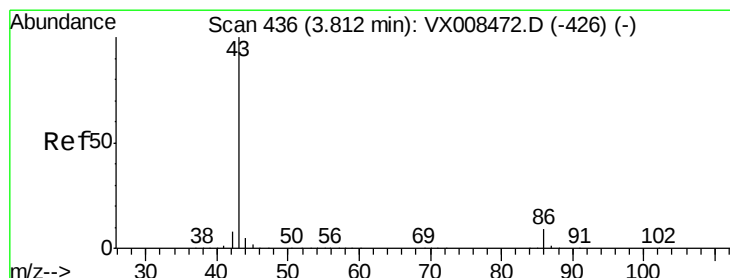
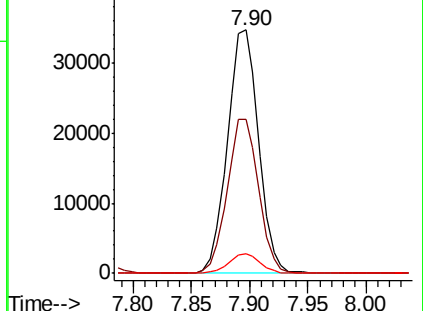
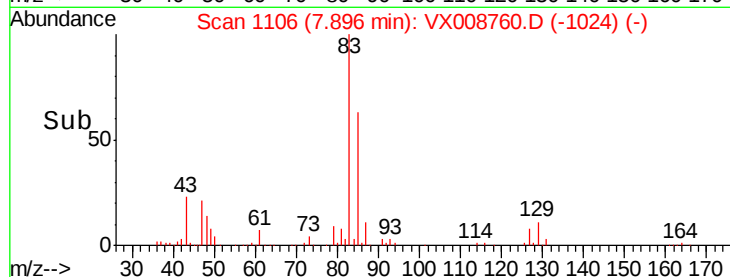
127 8.3 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.414 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008760.D

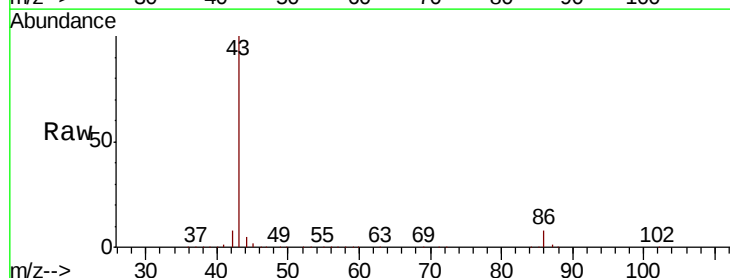
Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 853324

Ion Ratio Lower Upper

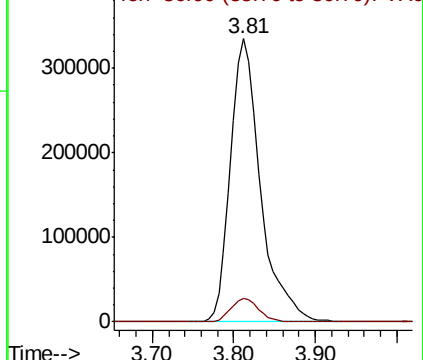
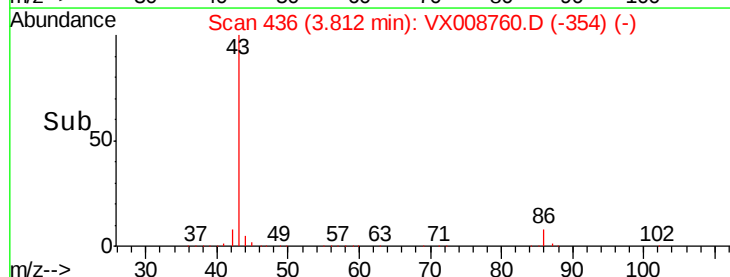
43 100

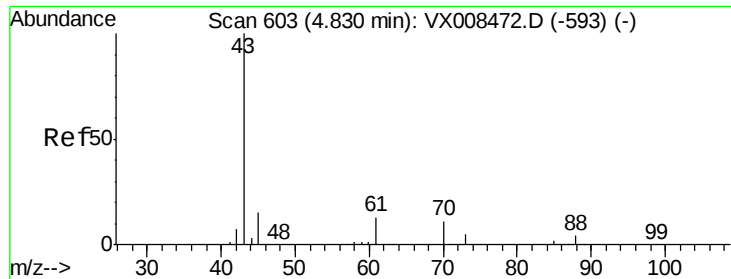
86 7.7 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

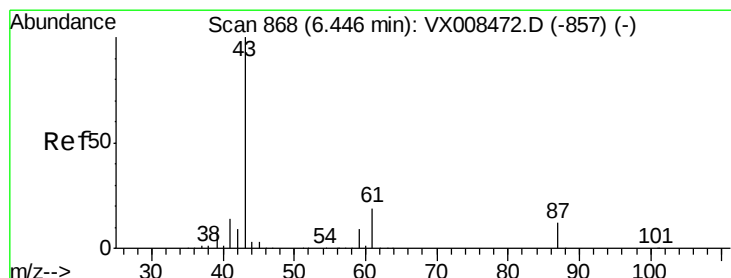
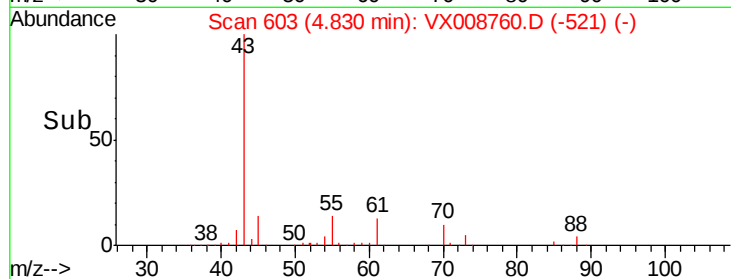
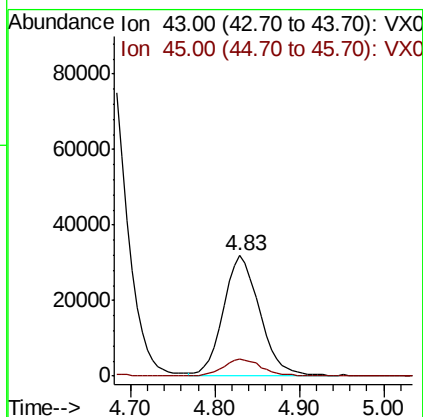
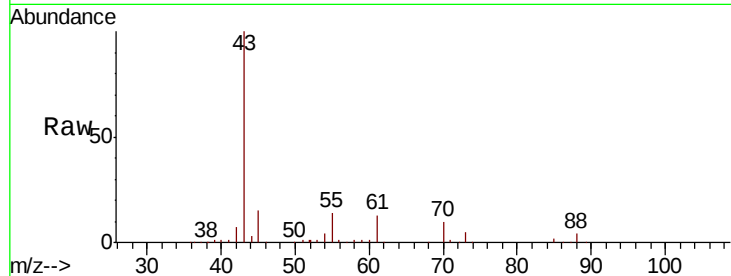




#43
Ethyl Acetate
Concen: 20.444 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

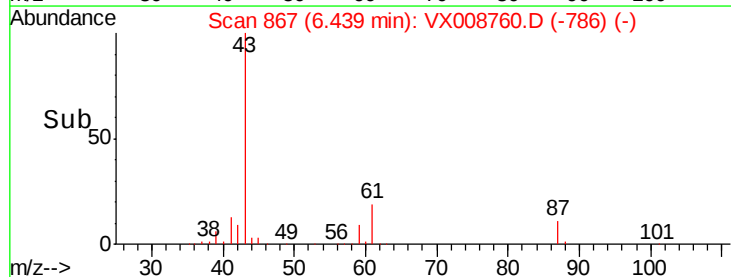
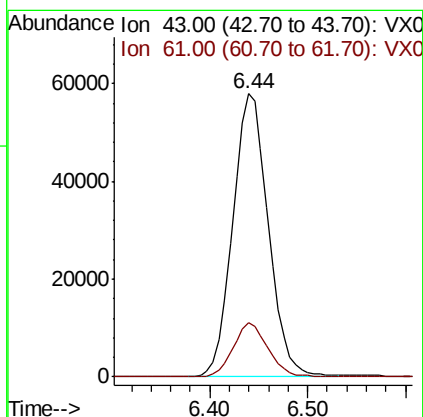
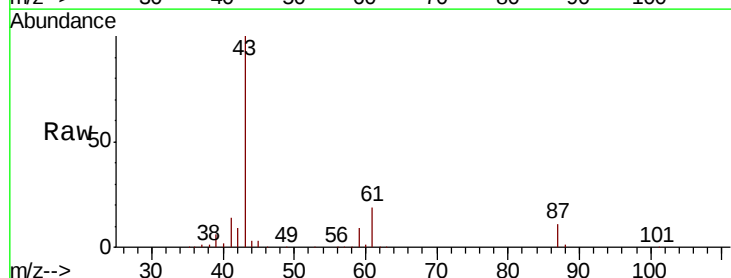
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

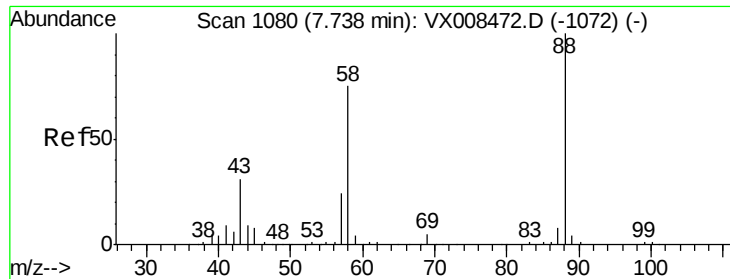
Tgt Ion: 43 Resp: 93170
Ion Ratio Lower Upper
43 100
45 15.3 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.695 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 145132
Ion Ratio Lower Upper
43 100
61 18.9 16.1 24.1





#45

1,4-Dioxane

Concen: 355.322 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

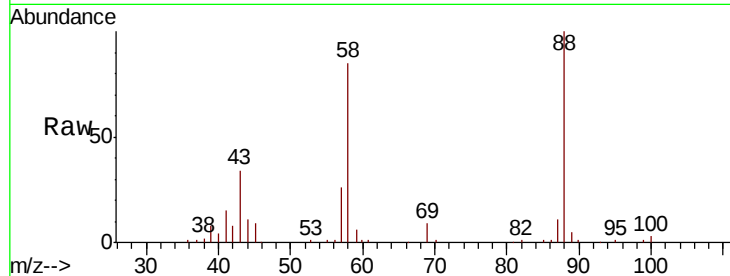
Tgt Ion: 88 Resp: 26066

Ion Ratio Lower Upper

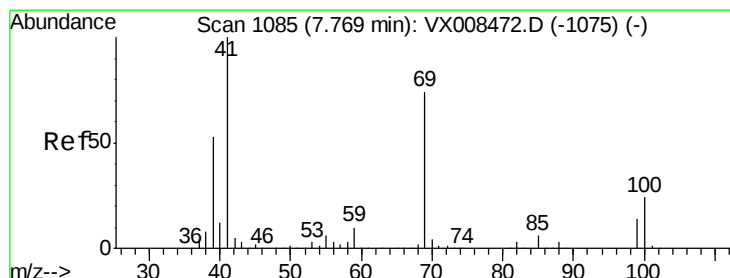
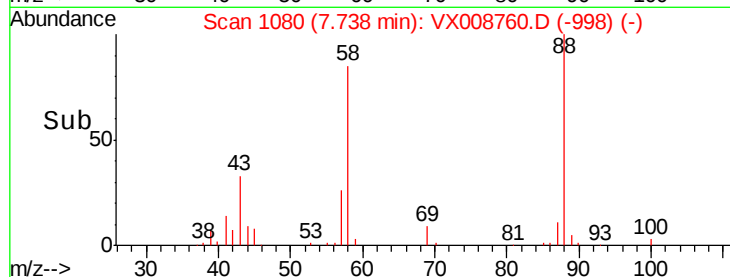
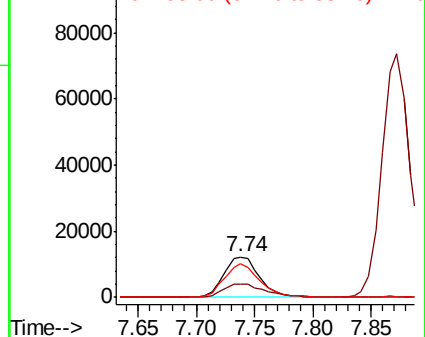
88 100

43 38.0 23.6 35.4#

58 82.5 51.6 77.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.529 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

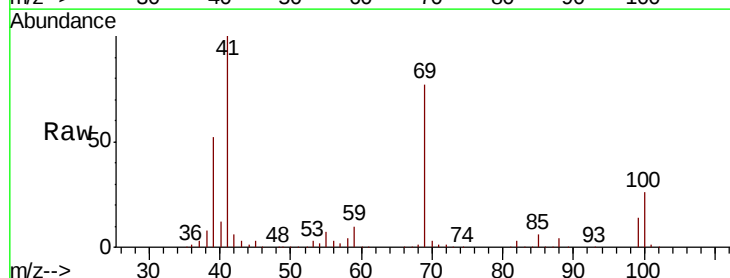
Tgt Ion: 41 Resp: 73089

Ion Ratio Lower Upper

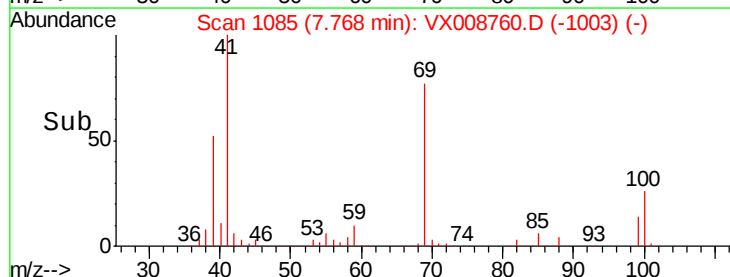
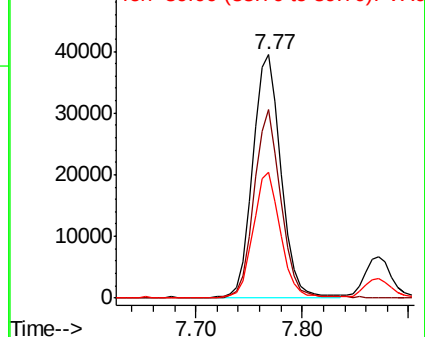
41 100

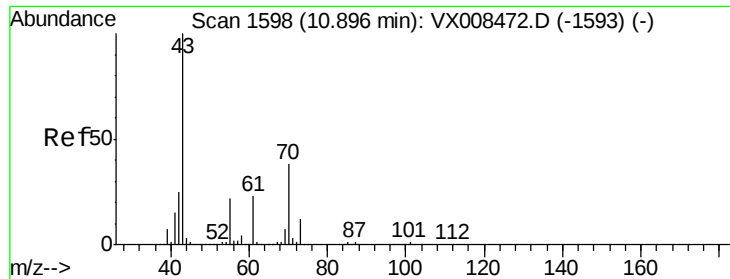
69 77.5 44.2 132.6

39 51.7 29.9 89.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

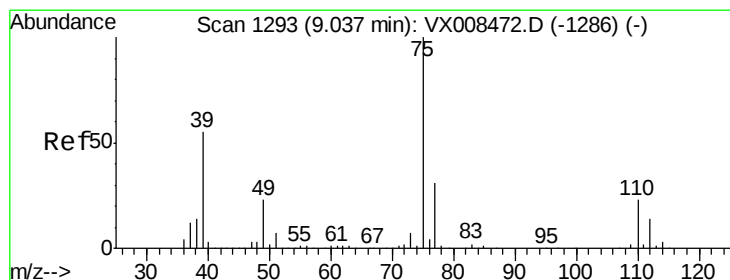
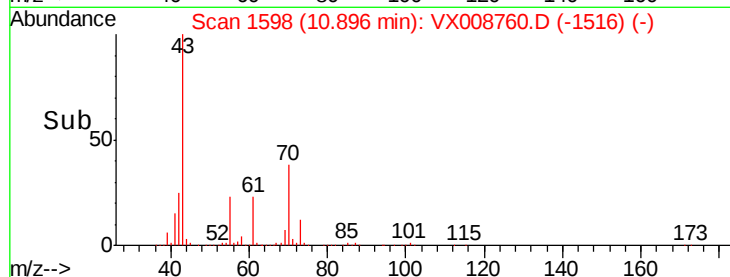
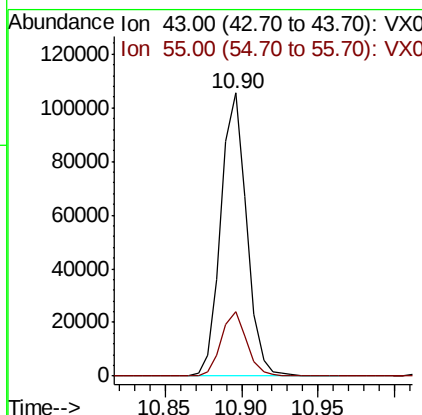
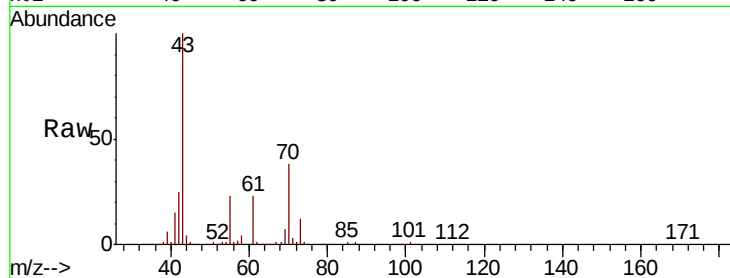




#47
n-amyl Acetate
Concen: 18.397 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

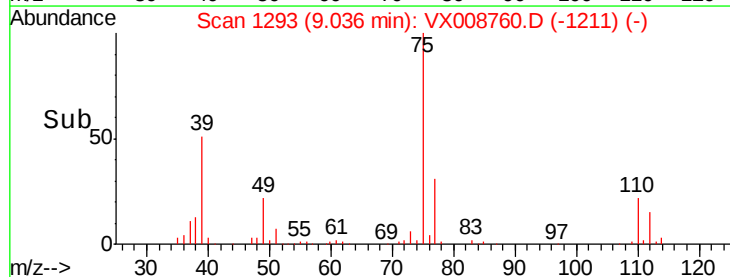
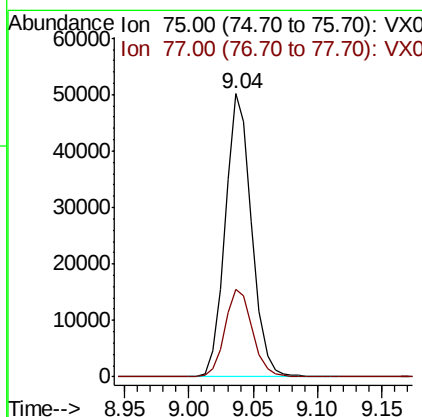
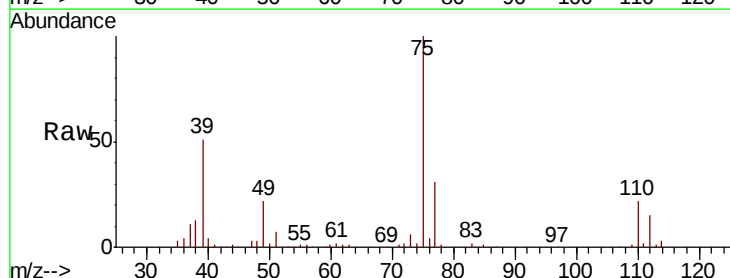
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

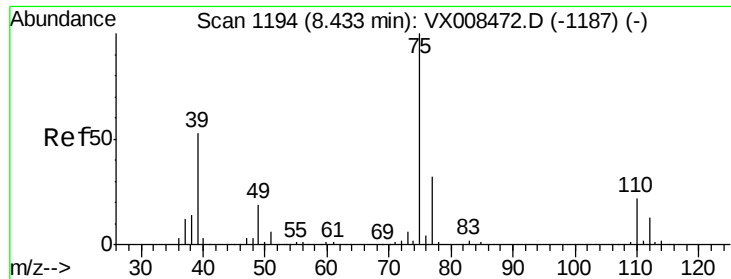
Tgt Ion: 43 Resp: 123150
Ion Ratio Lower Upper
43 100
55 22.7 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.805 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 75 Resp: 72227
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

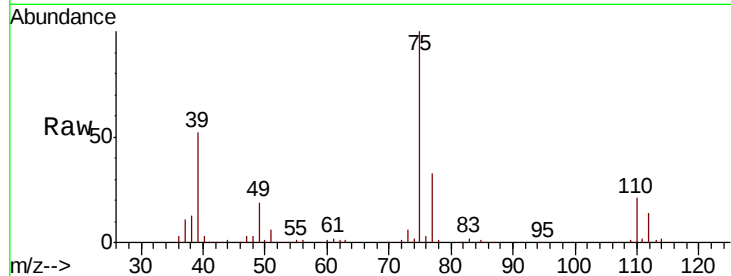




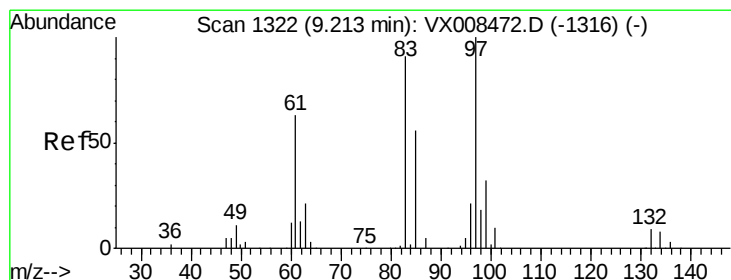
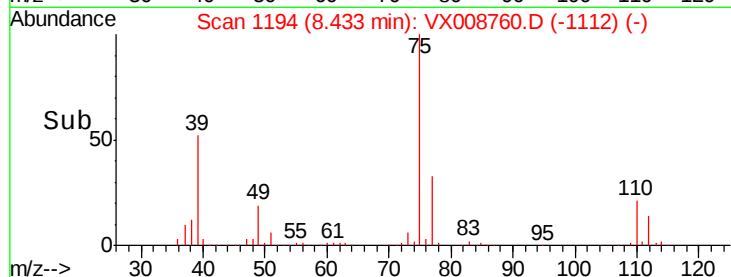
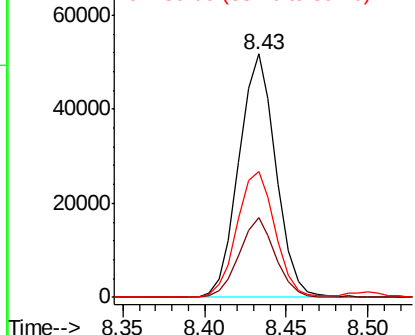
#49
 cis-1,3-Dichloropropene
 Concen: 19.045 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 75 Resp: 81817
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4
 39 51.7 38.5 57.7

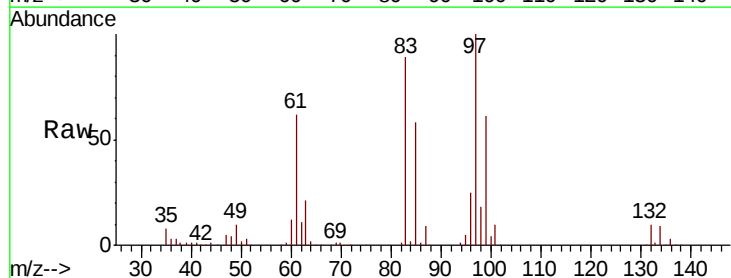


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

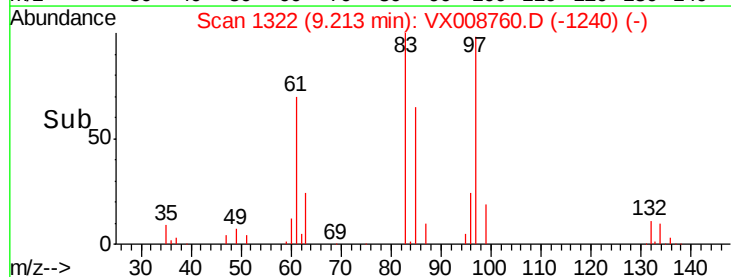
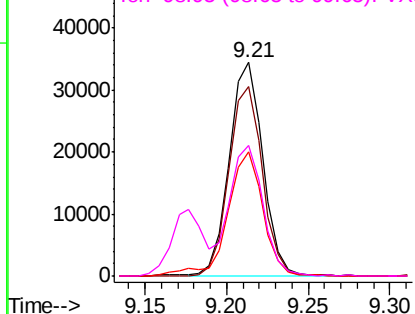


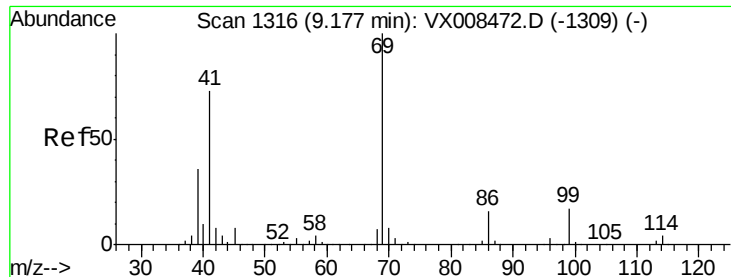
#50
 1,1,2-Trichloroethane
 Concen: 19.224 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 97 Resp: 49364
 Ion Ratio Lower Upper
 97 100
 83 89.0 72.0 108.0
 85 57.8 45.0 67.6
 99 61.3 54.2 81.4



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.570 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

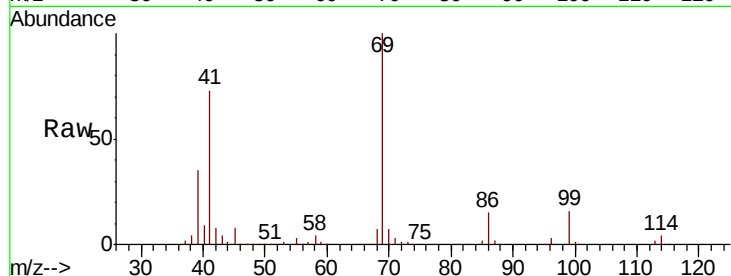
Tgt Ion: 69 Resp: 88737

Ion Ratio Lower Upper

69 100

41 73.2 32.1 96.5

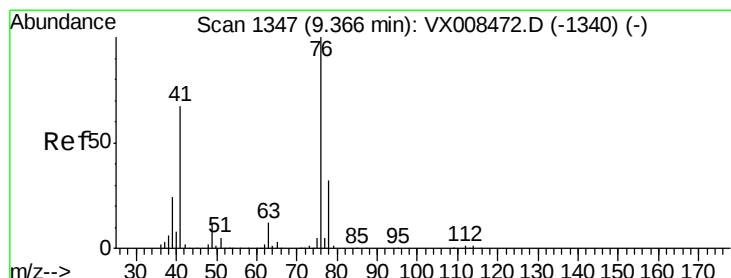
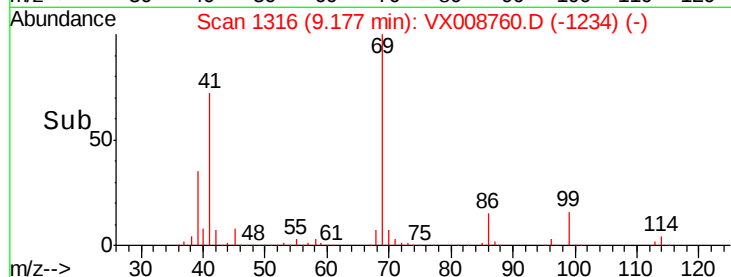
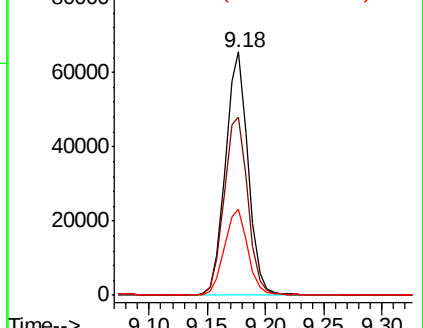
39 35.0 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.198 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX008760.D

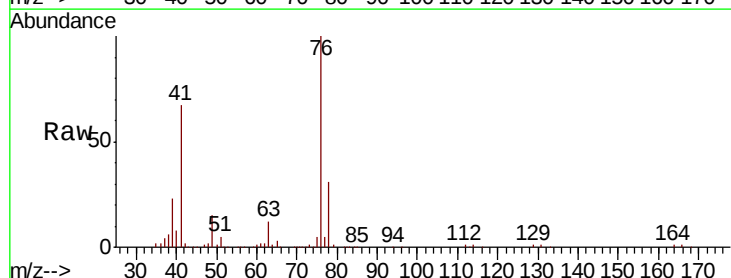
Acq: 09 Apr 2019 09:48

Tgt Ion: 76 Resp: 87706

Ion Ratio Lower Upper

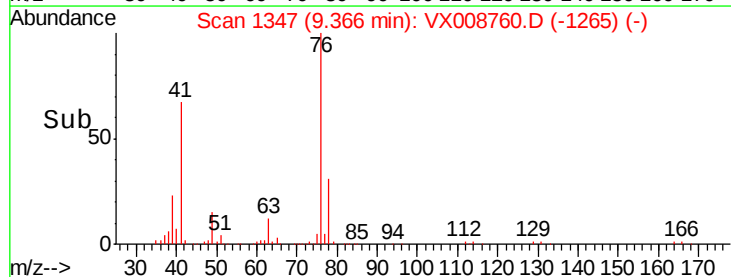
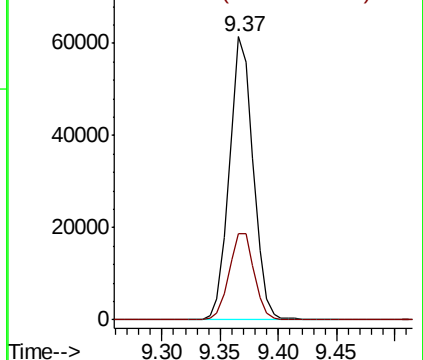
76 100

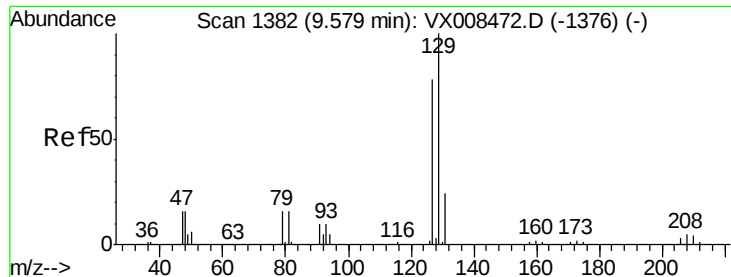
78 32.2 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.789 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

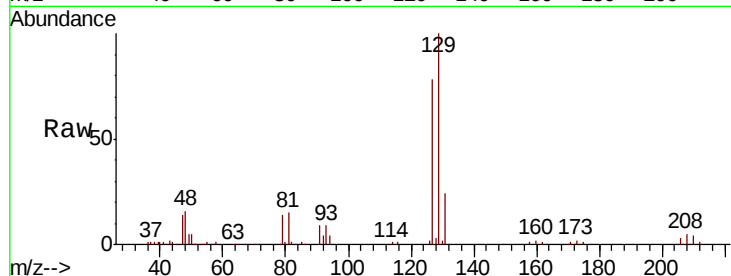
VSTDCCC020

Tgt Ion:129 Resp: 47480

Ion Ratio Lower Upper

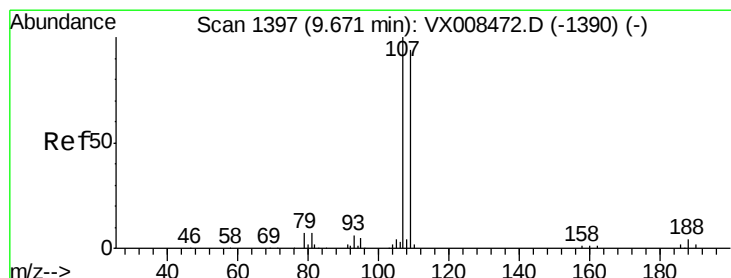
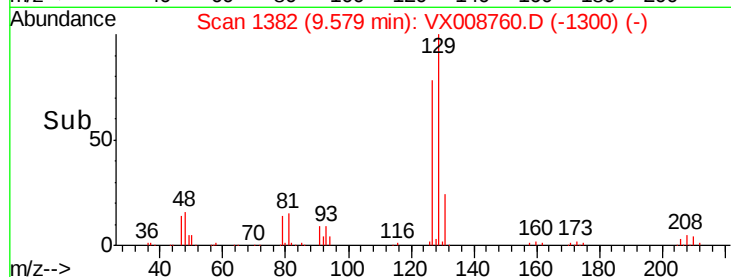
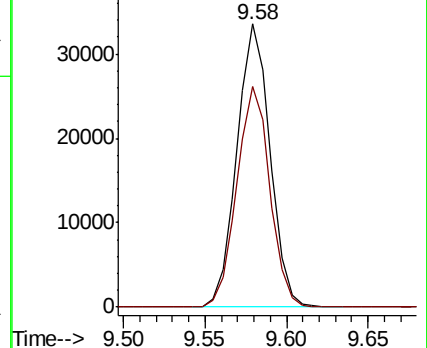
129 100

127 77.6 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.008 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008760.D

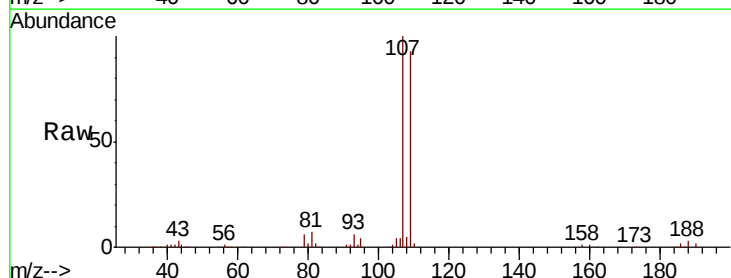
Acq: 09 Apr 2019 09:48

Tgt Ion:107 Resp: 50317

Ion Ratio Lower Upper

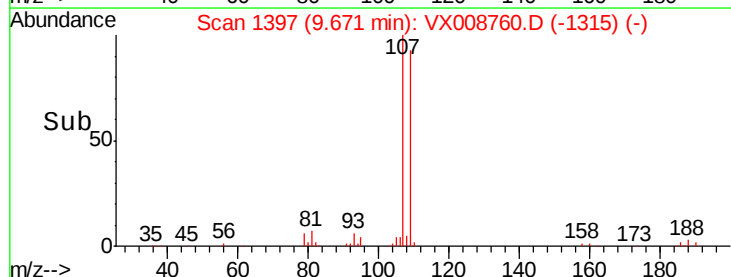
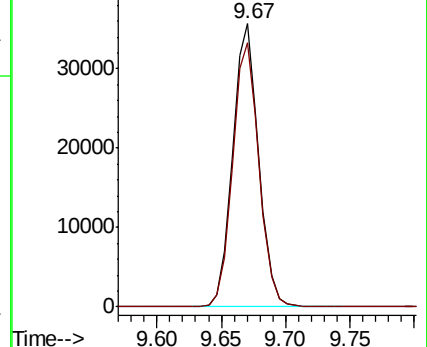
107 100

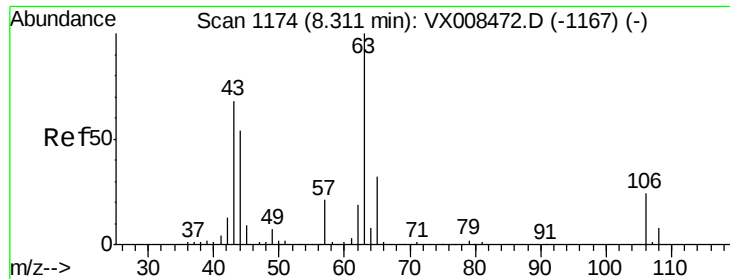
109 94.3 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

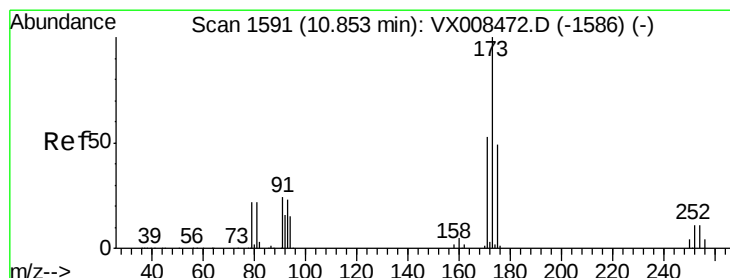
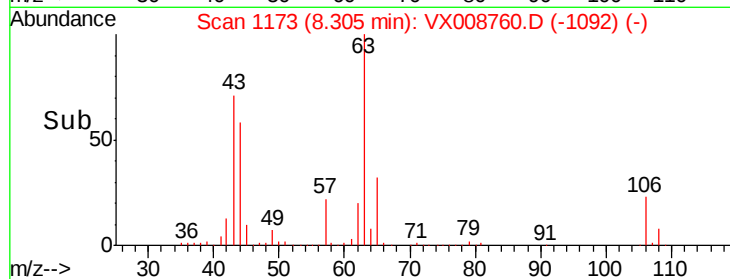
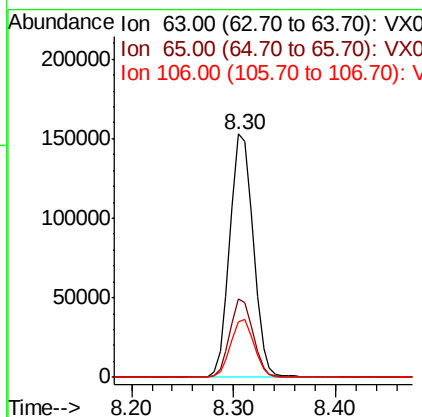
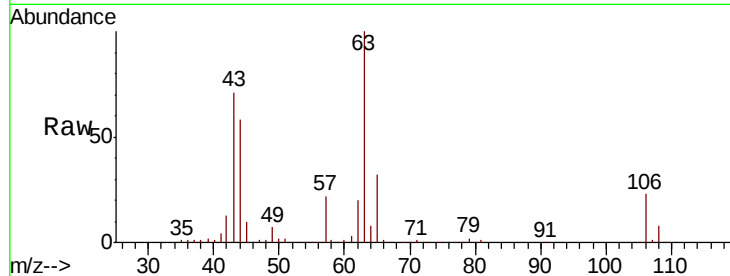




#55
 2-Chloroethyl vinyl ether
 Concen: 101.187 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

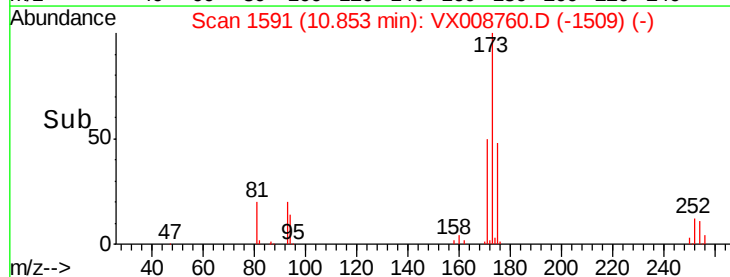
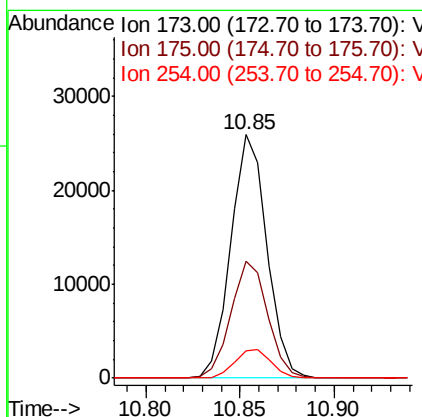
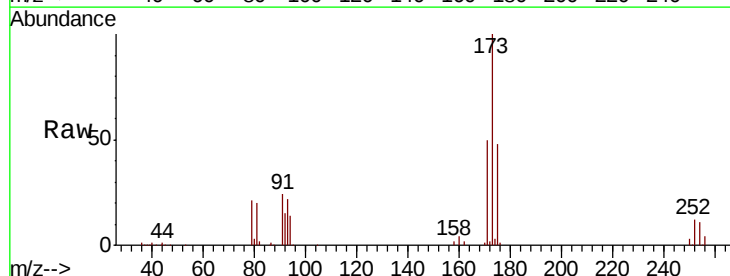
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

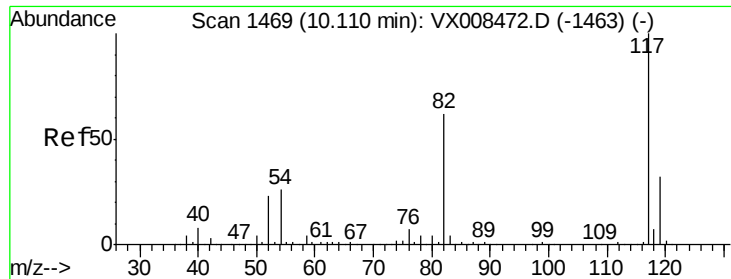
Tgt Ion: 63 Resp: 243940
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5
 106 23.8 23.7 35.5



#56
 Bromoform
 Concen: 18.652 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 173 Resp: 34350
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.5 57.7
 254 11.8 7.4 11.2#

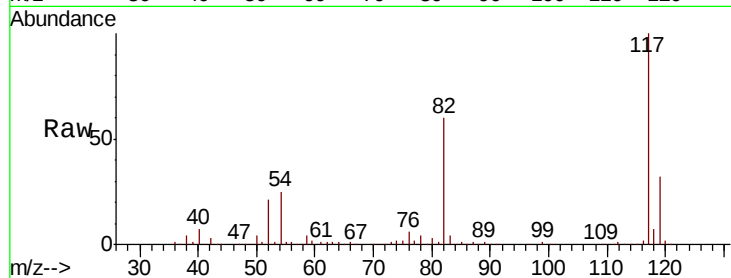




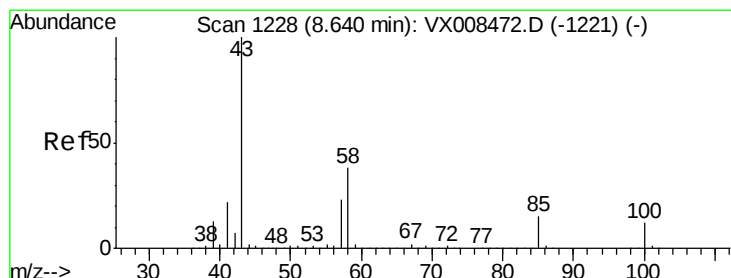
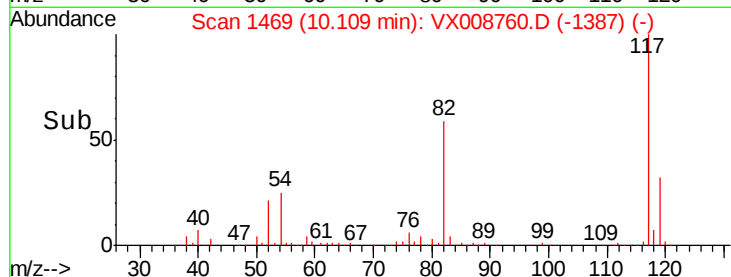
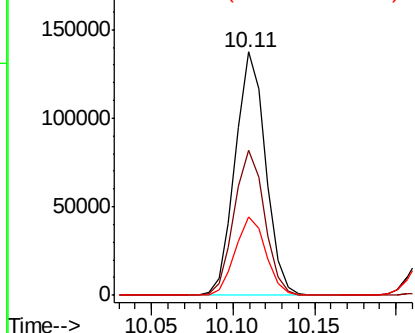
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 178817
Ion Ratio Lower Upper
117 100
82 59.9 40.4 60.6
119 32.3 25.8 38.6

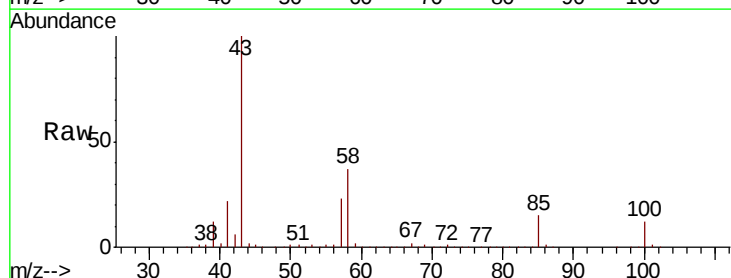


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

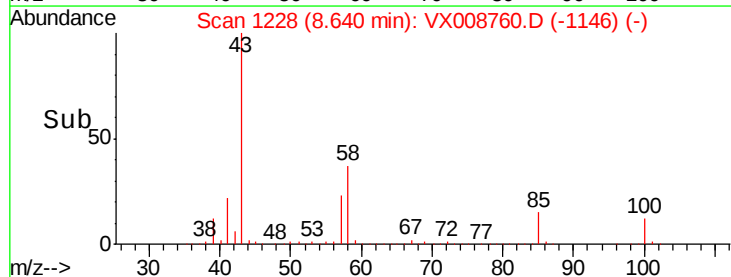
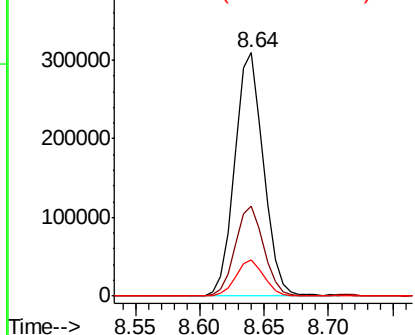


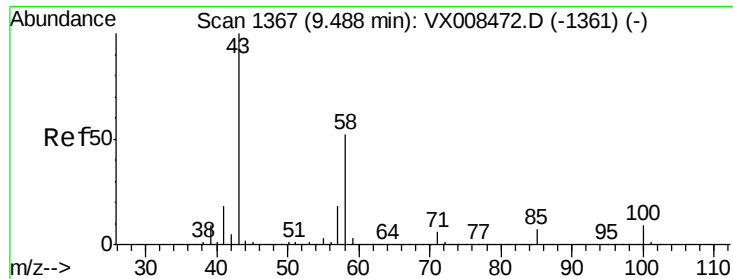
#58
4-Methyl-2-Pentanone
Concen: 101.836 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 480409
Ion Ratio Lower Upper
43 100
58 36.7 31.4 47.0
85 14.6 15.0 22.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

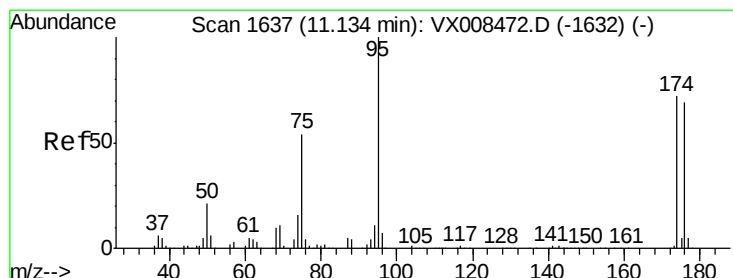
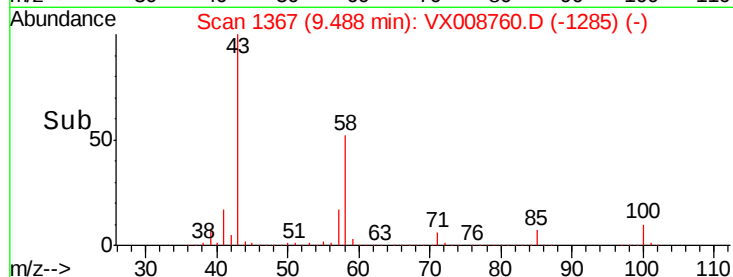
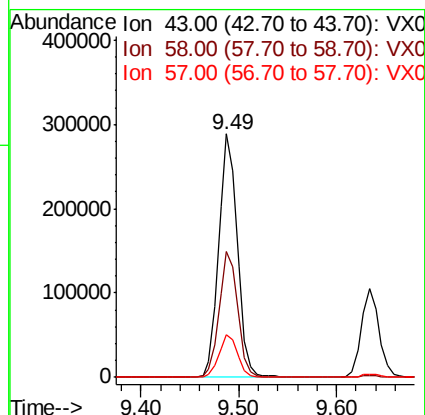
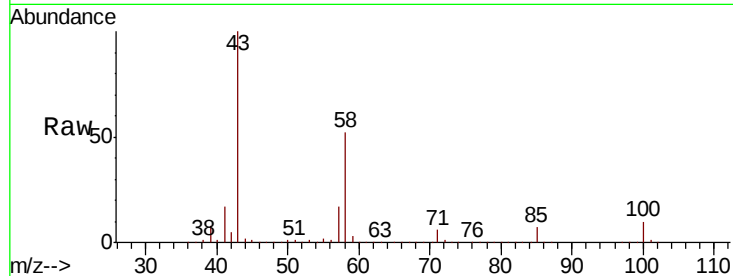




#59
2-Hexanone
Concen: 101.982 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

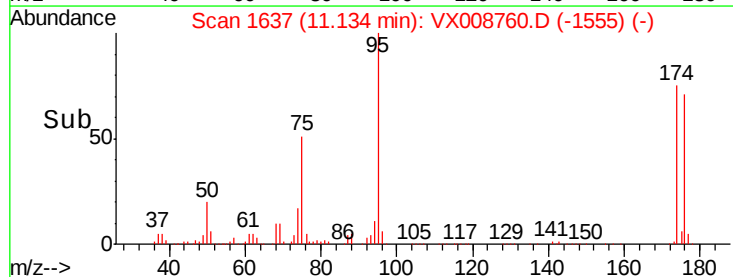
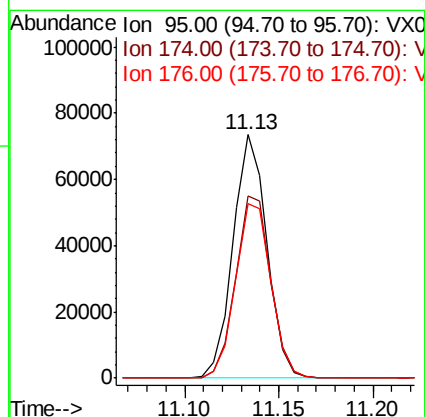
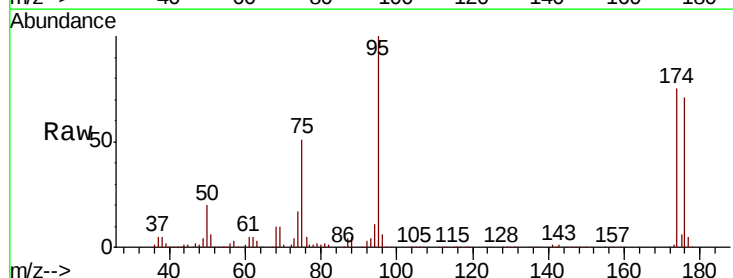
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

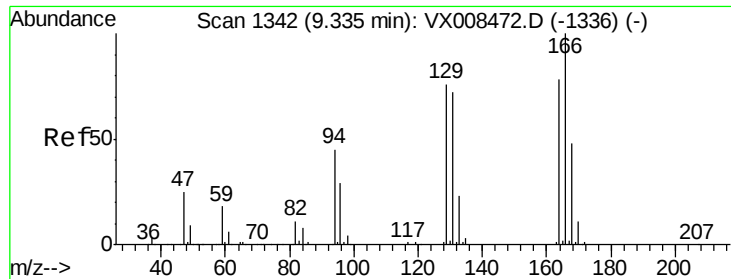
Tgt Ion: 43 Resp: 380089
Ion Ratio Lower Upper
43 100
58 51.4 43.9 65.9
57 17.4 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.405 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 95 Resp: 91614
Ion Ratio Lower Upper
95 100
174 77.3 74.9 112.3
176 75.0 70.7 106.1





#61

Tetrachloroethene

Concen: 21.965 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 42963

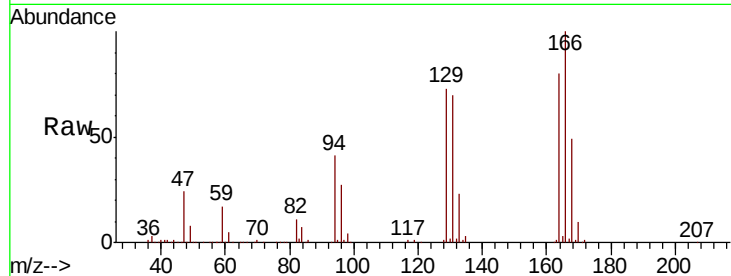
Ion Ratio Lower Upper

164 100

166 125.3 103.9 155.9

129 92.0 74.7 112.1

131 88.5 71.7 107.5



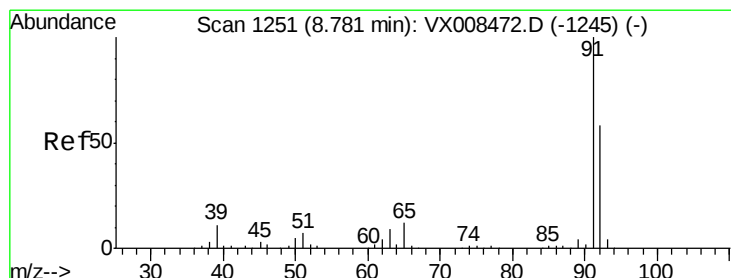
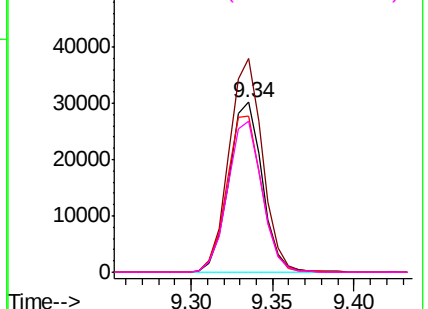
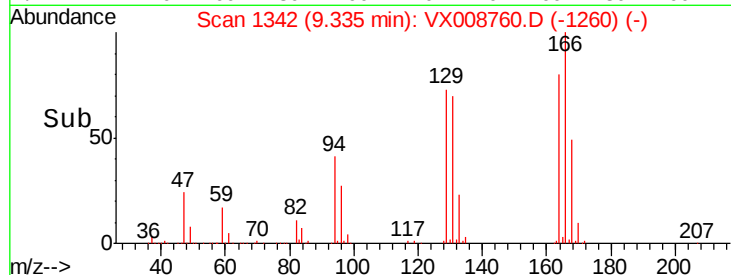
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.509 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008760.D

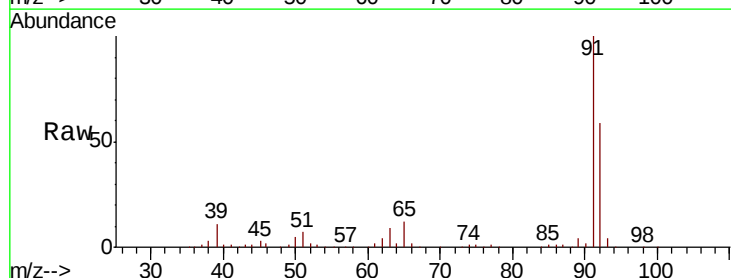
Acq: 09 Apr 2019 09:48

Tgt Ion: 91 Resp: 211209

Ion Ratio Lower Upper

91 100

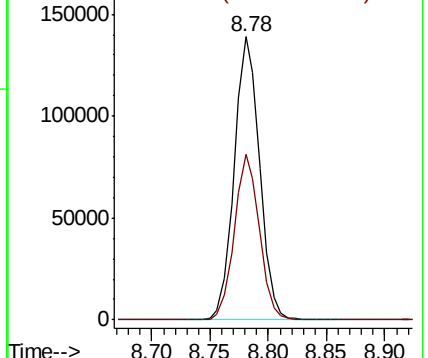
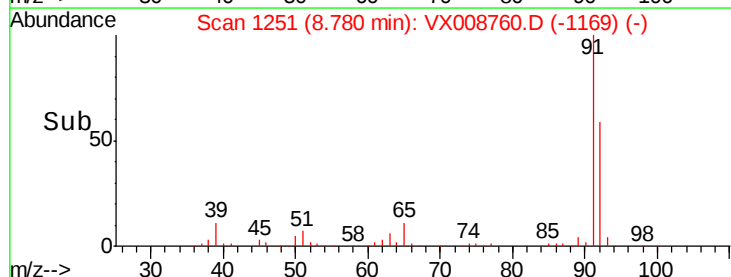
92 57.7 46.4 69.6

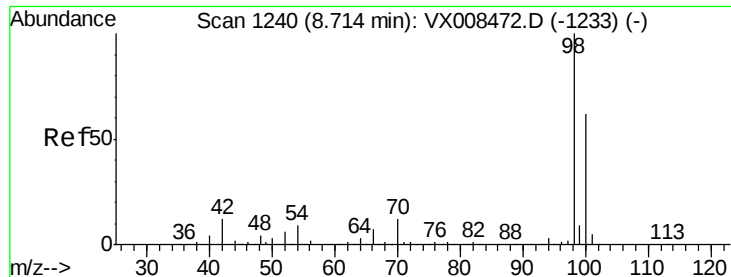


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.407 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

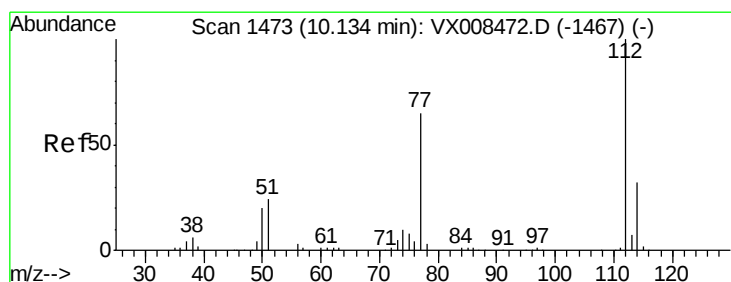
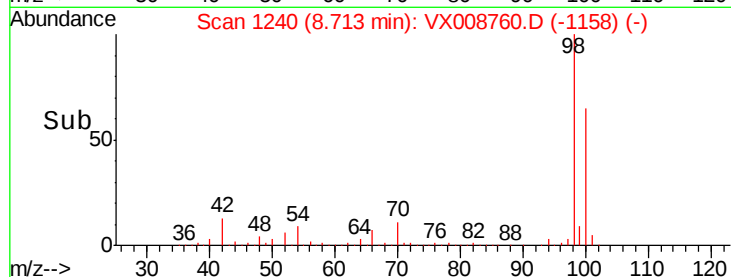
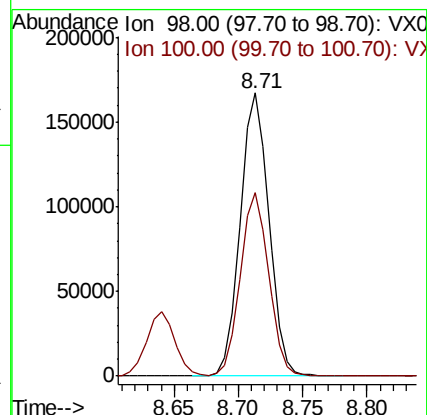
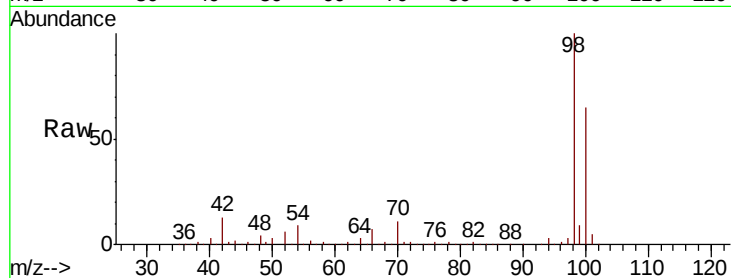
VSTDCCC020

Tgt Ion: 98 Resp: 258099

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#64

Chlorobenzene

Concen: 19.441 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008760.D

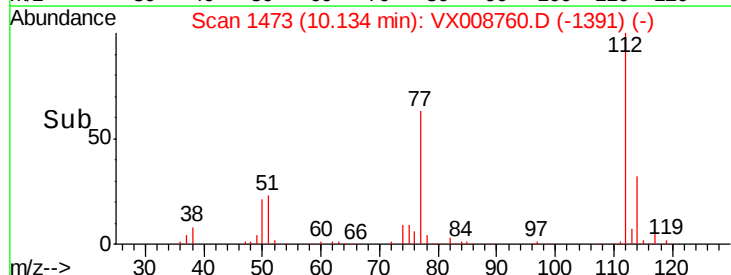
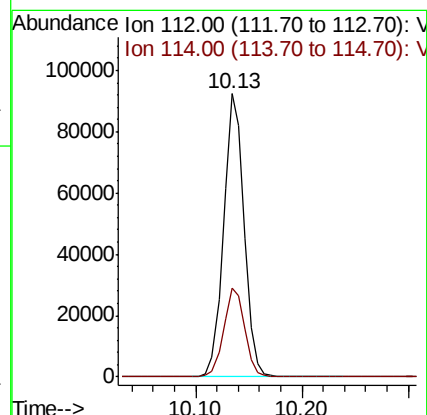
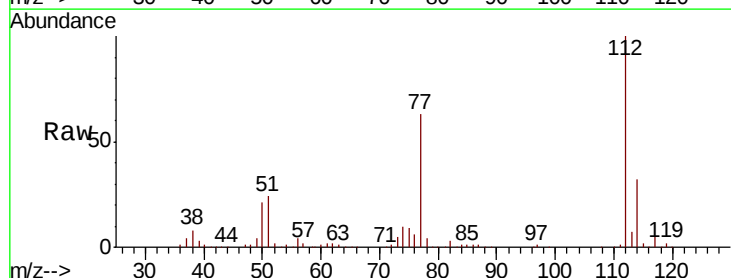
Acq: 09 Apr 2019 09:48

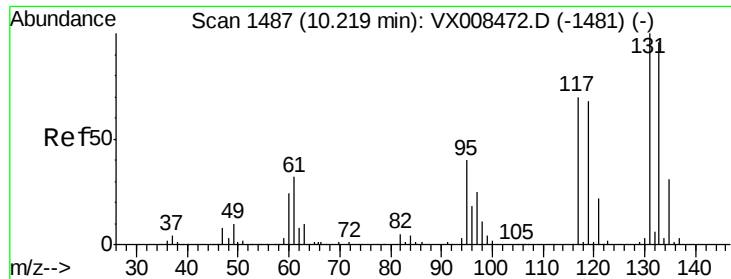
Tgt Ion: 112 Resp: 123328

Ion Ratio Lower Upper

112 100

114 31.5 25.4 38.2

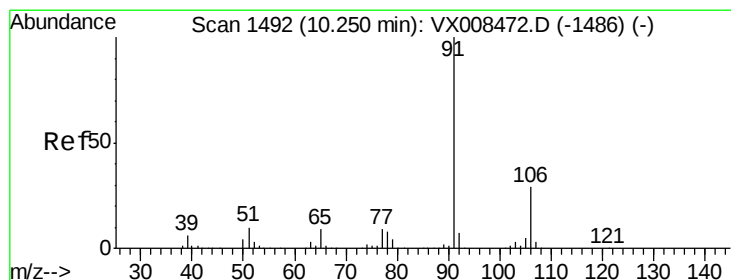
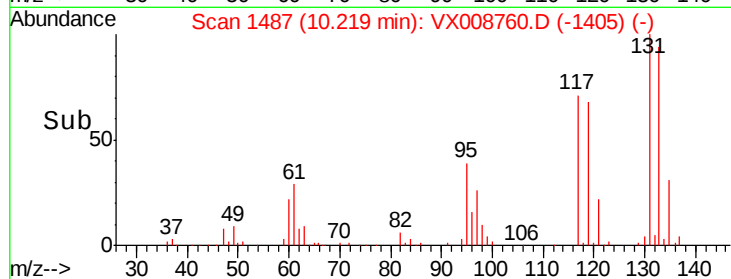
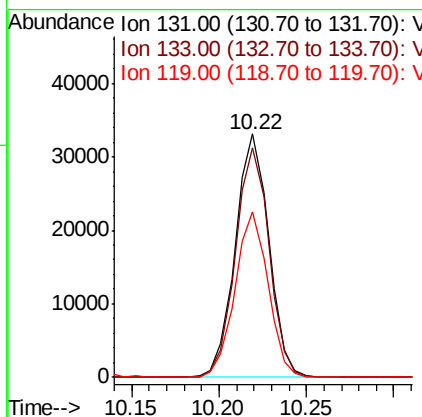
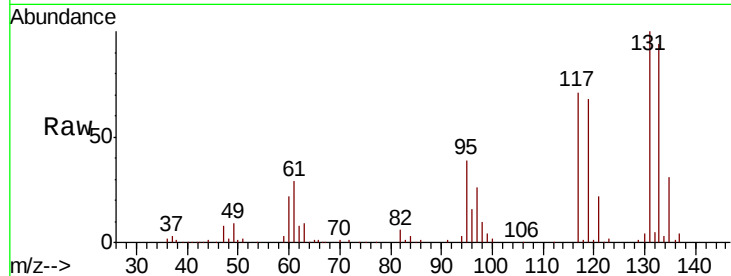




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.845 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

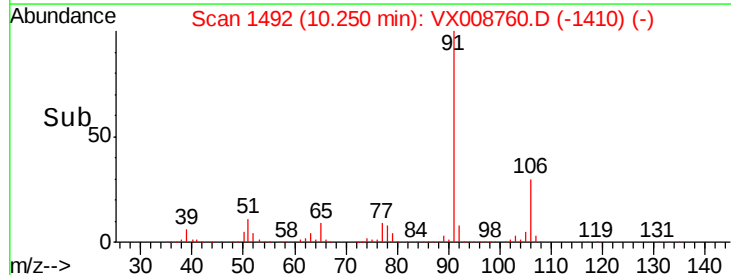
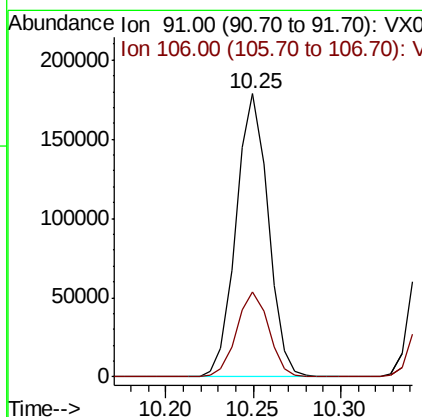
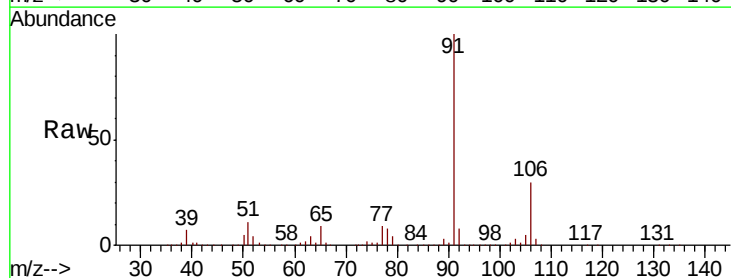
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

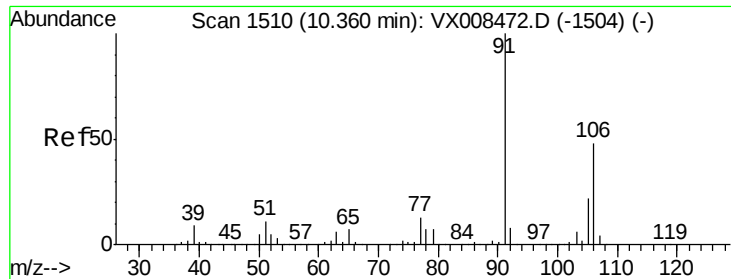
Tgt Ion: 131 Resp: 44387
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 191.6
 119 67.0 0.0 127.4



#66
 Ethyl Benzene
 Concen: 19.033 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 91 Resp: 228716
 Ion Ratio Lower Upper
 91 100
 106 29.9 26.0 39.0

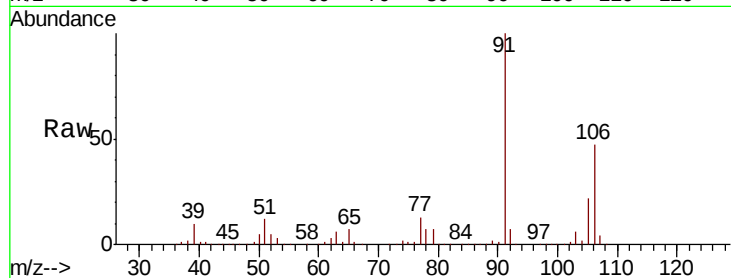




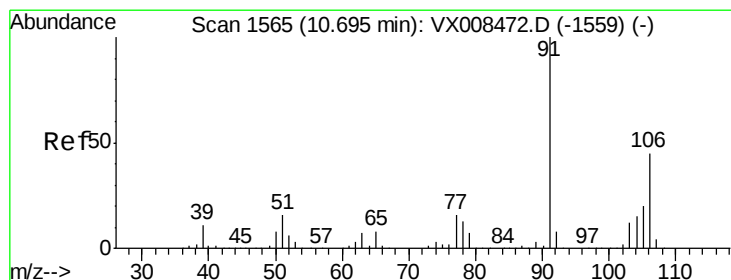
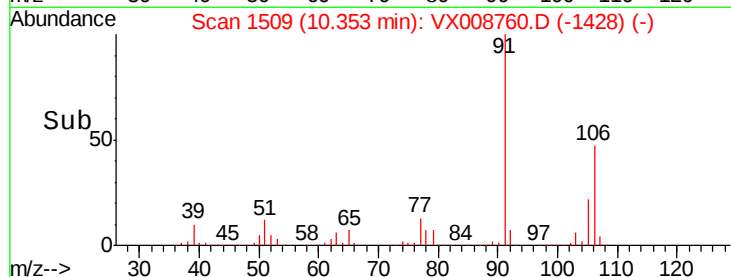
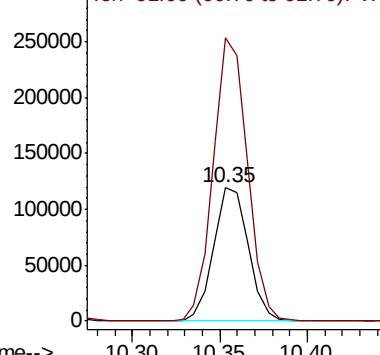
#67
m/p-Xylenes
Concen: 37.635 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion:106 Resp: 164957
Ion Ratio Lower Upper
106 100
91 209.6 157.0 235.4

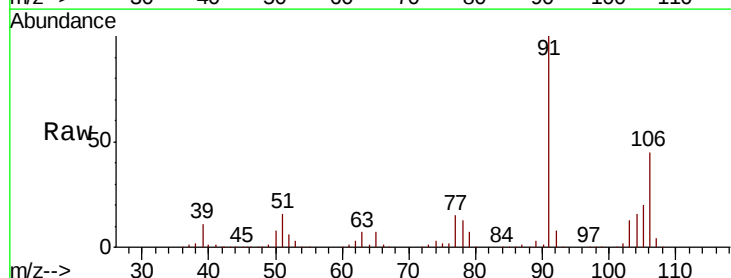


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

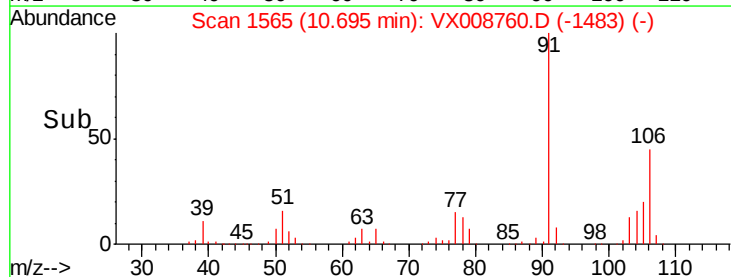
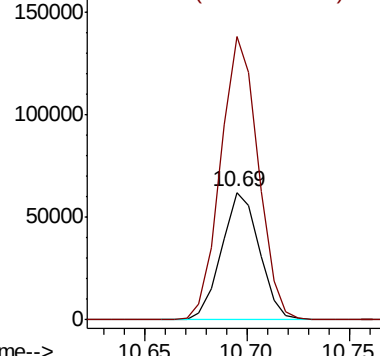


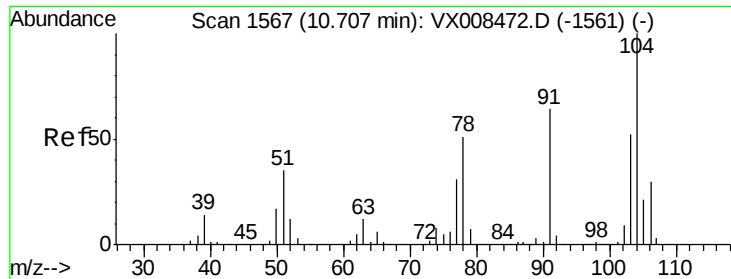
#68
o-Xylene
Concen: 18.751 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion:106 Resp: 80425
Ion Ratio Lower Upper
106 100
91 220.2 104.4 313.2



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

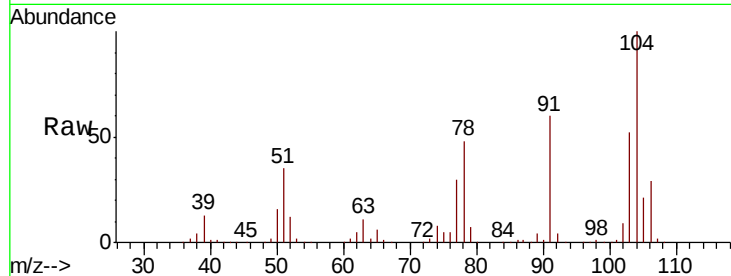




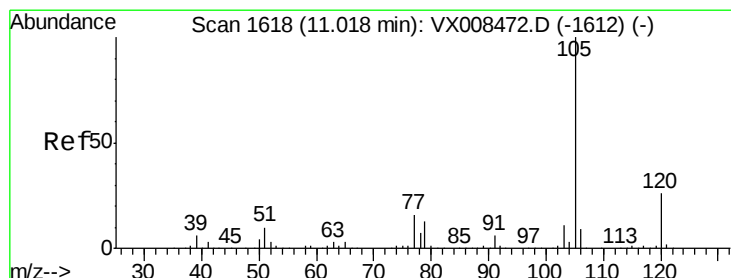
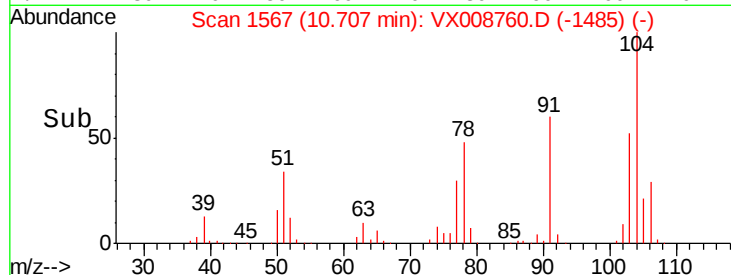
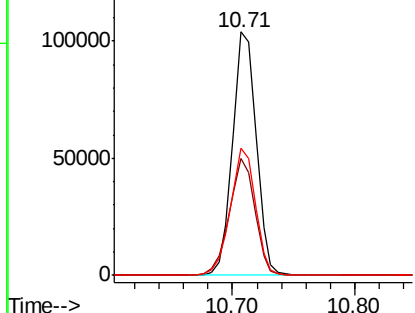
#69
Styrene
Concen: 18.624 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 138997
Ion Ratio Lower Upper
104 100
78 51.4 38.2 57.2
103 55.0 45.0 67.4

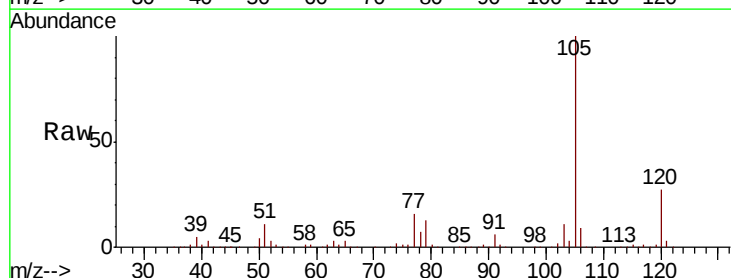


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

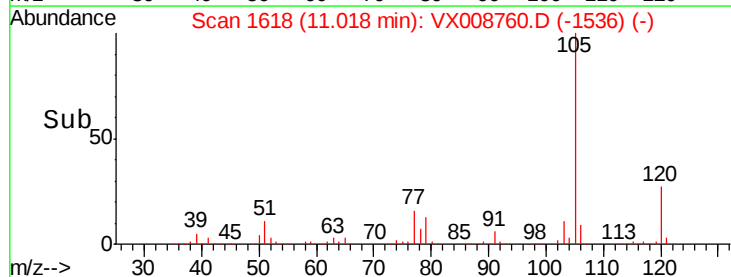
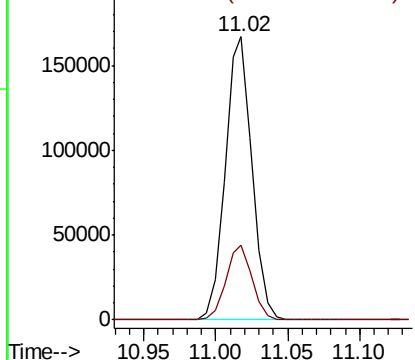


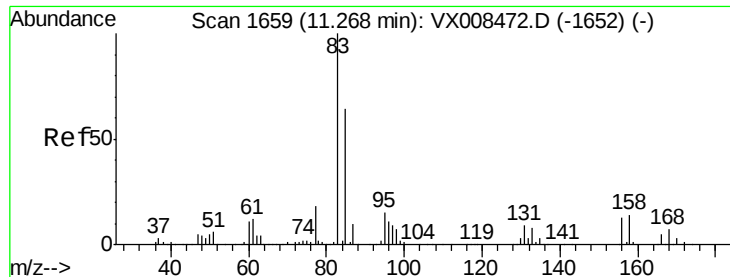
#70
Isopropylbenzene
Concen: 19.174 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion:105 Resp: 216934
Ion Ratio Lower Upper
105 100
120 26.0 19.8 36.8



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

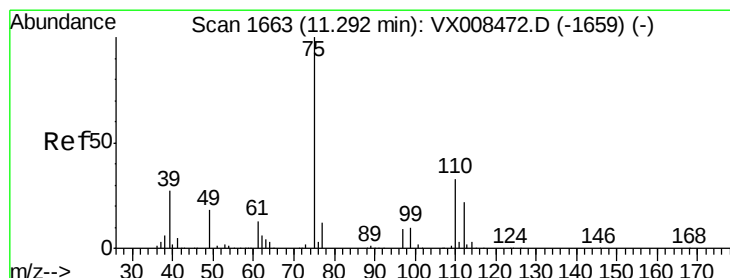
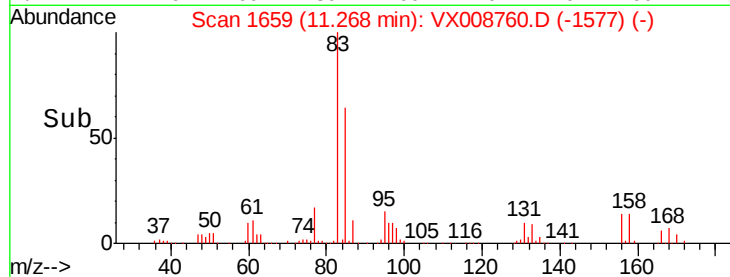
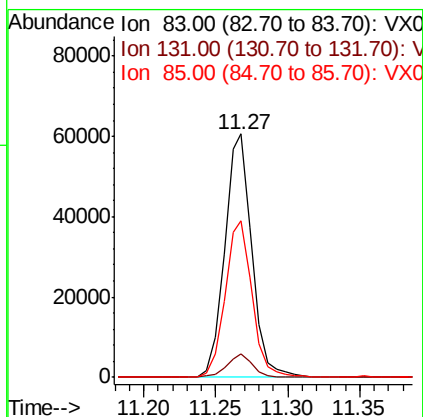
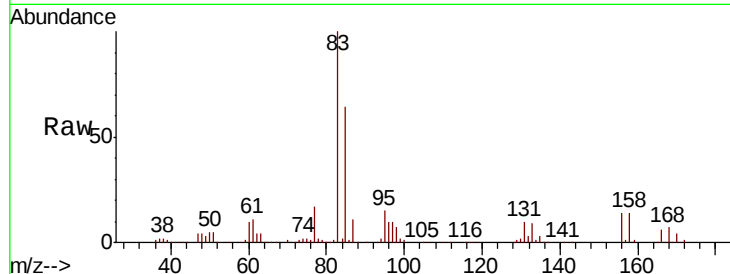




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.922 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

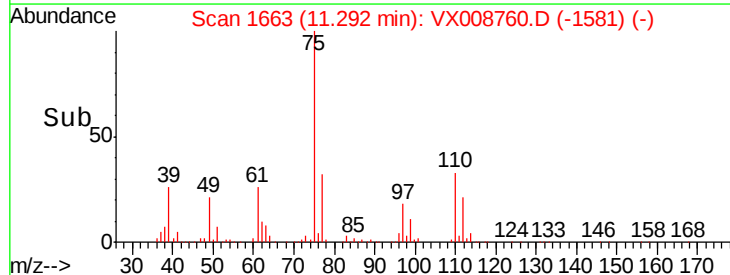
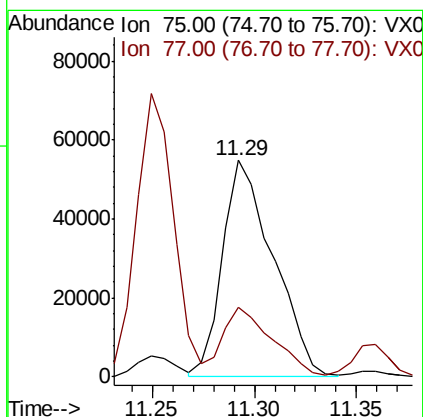
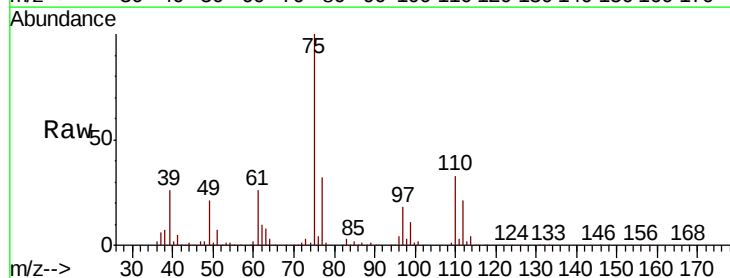
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

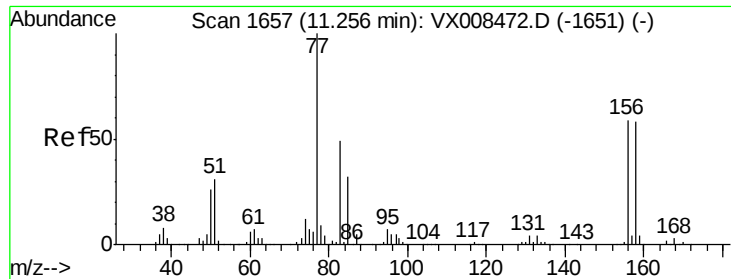
Tgt Ion: 83 Resp: 79977
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.4 16.2
 85 64.2 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 26.560 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 75 Resp: 94892
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 76.4





#73

Bromobenzene

Concen: 18.878 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

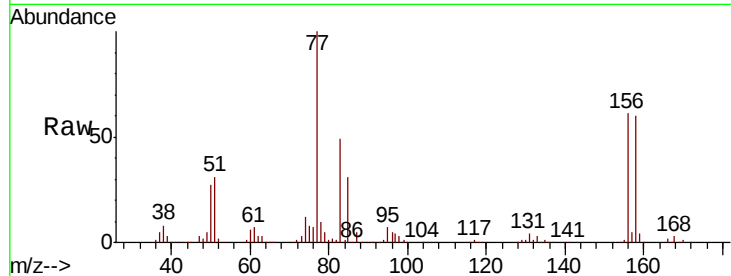
Tgt Ion:156 Resp: 50818

Ion Ratio Lower Upper

156 100

77 178.6 0.0 271.4

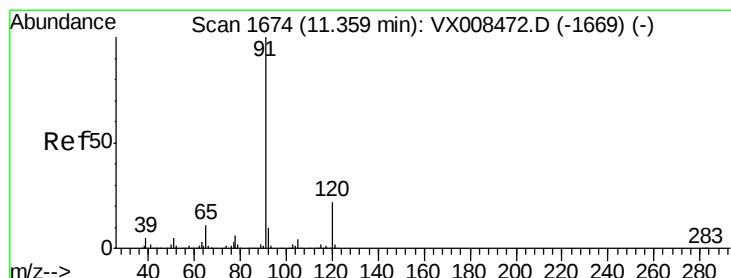
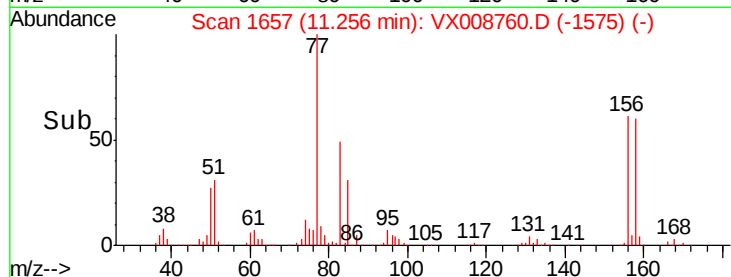
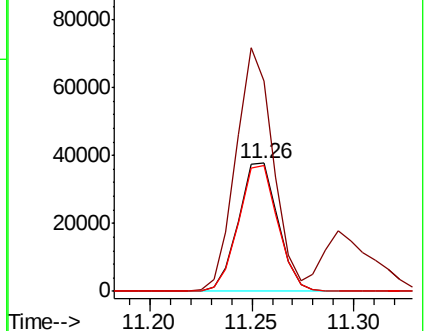
158 97.8 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.807 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008760.D

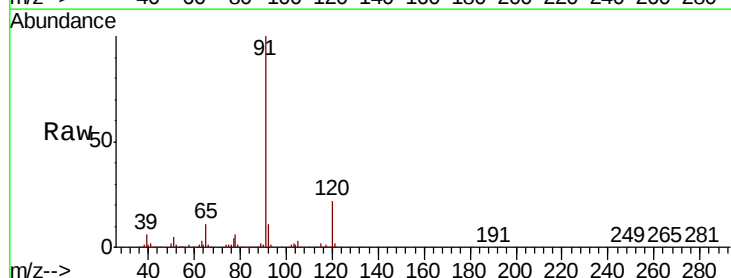
Acq: 09 Apr 2019 09:48

Tgt Ion: 91 Resp: 253493

Ion Ratio Lower Upper

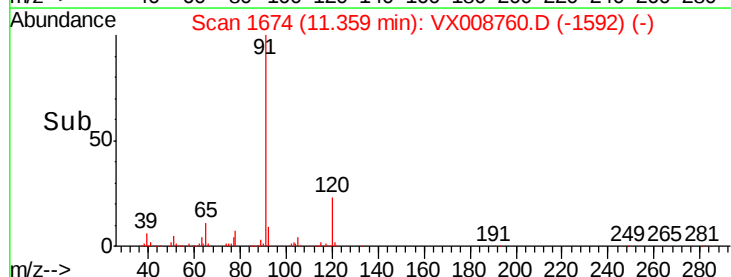
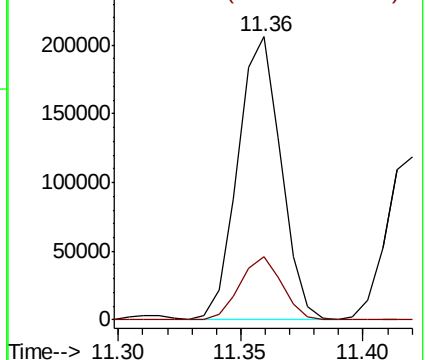
91 100

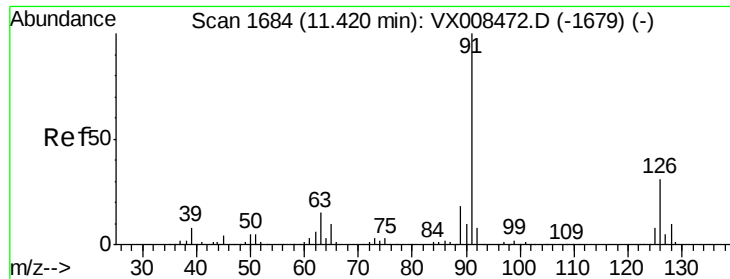
120 21.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.753 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

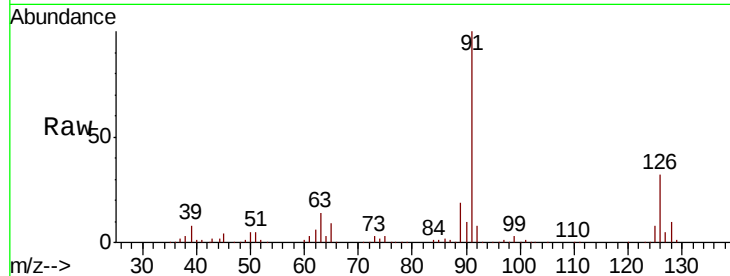
VSTDCCC020

Tgt Ion: 91 Resp: 150379

Ion Ratio Lower Upper

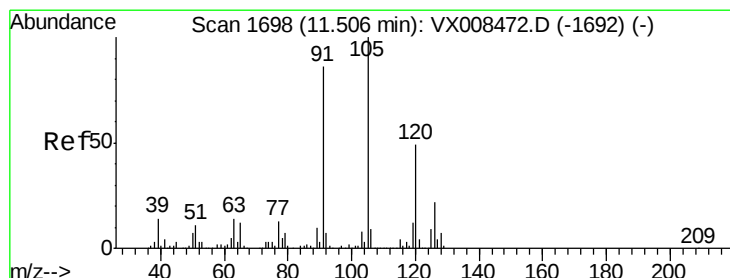
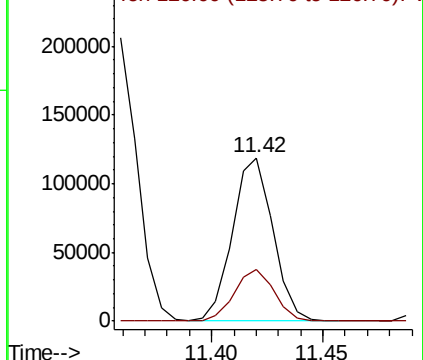
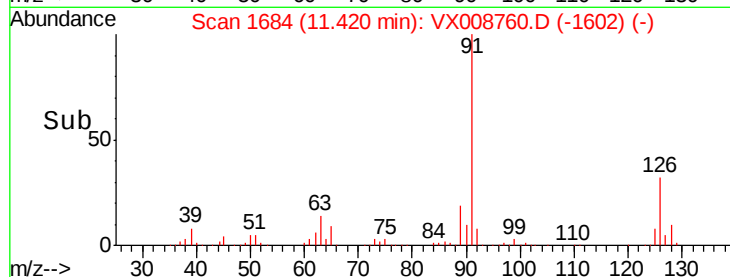
91 100

126 31.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.975 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008760.D

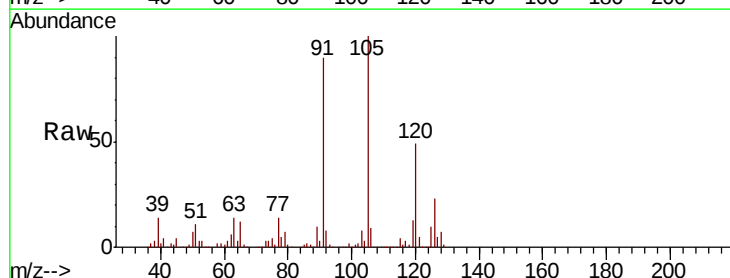
Acq: 09 Apr 2019 09:48

Tgt Ion: 105 Resp: 183548

Ion Ratio Lower Upper

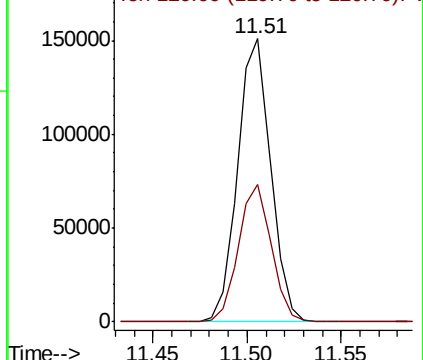
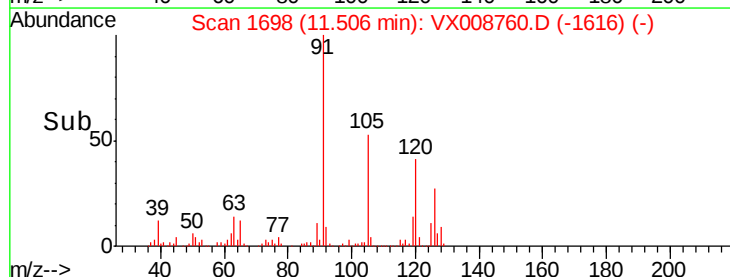
105 100

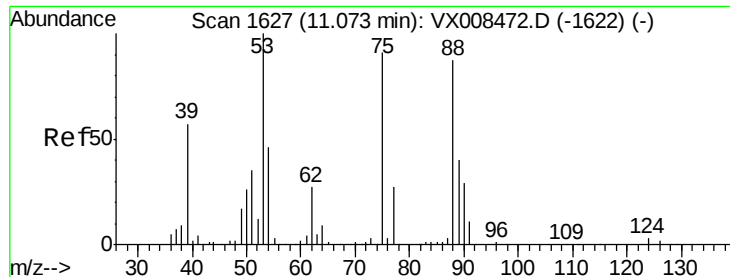
120 48.1 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.828 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

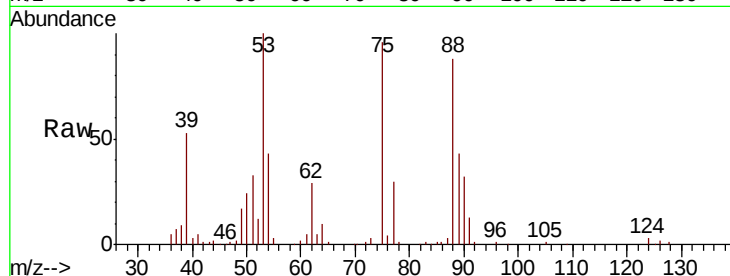
Tgt Ion: 75 Resp: 25803

Ion Ratio Lower Upper

75 100

53 103.7 55.5 166.7

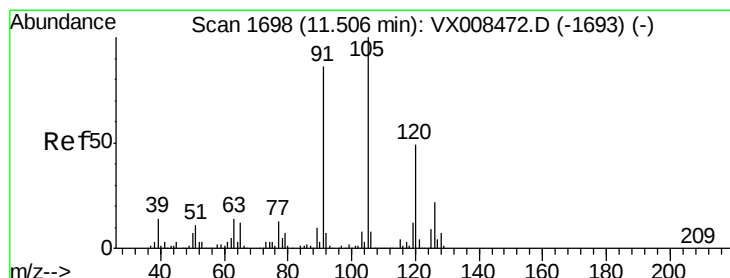
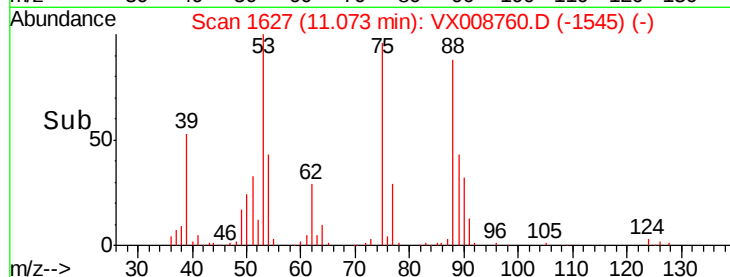
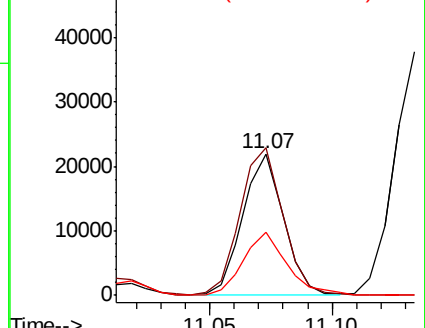
89 44.2 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.362 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008760.D

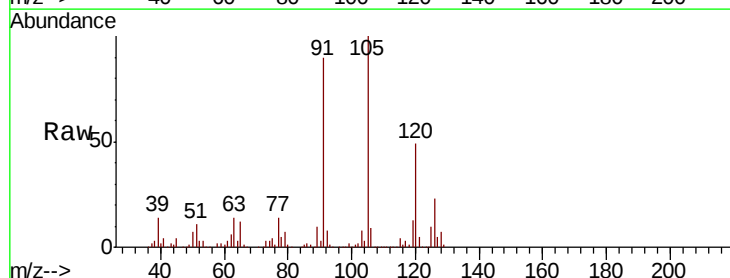
Acq: 09 Apr 2019 09:48

Tgt Ion: 91 Resp: 169466

Ion Ratio Lower Upper

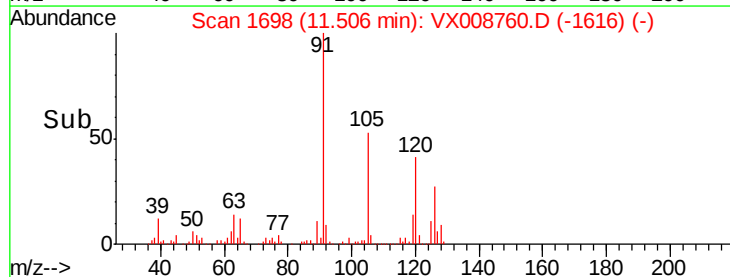
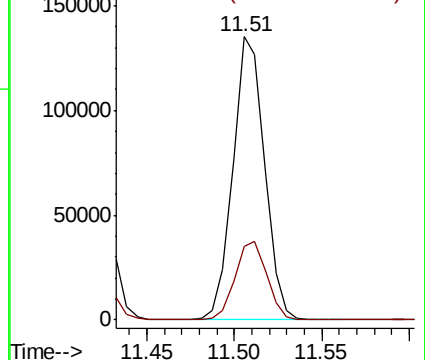
91 100

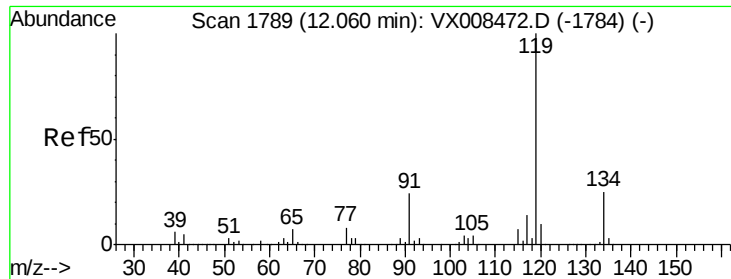
126 27.8 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

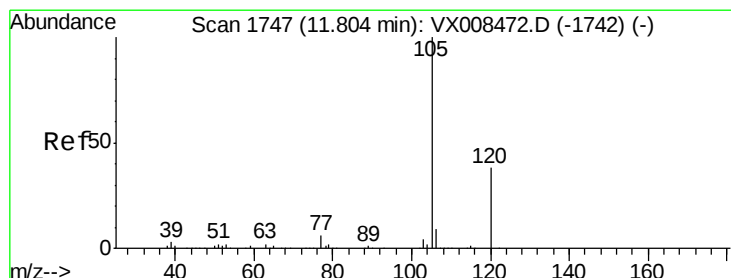
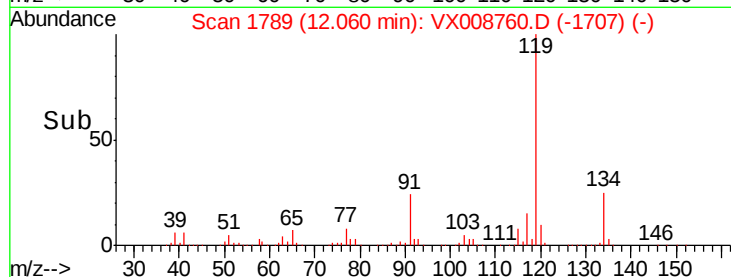
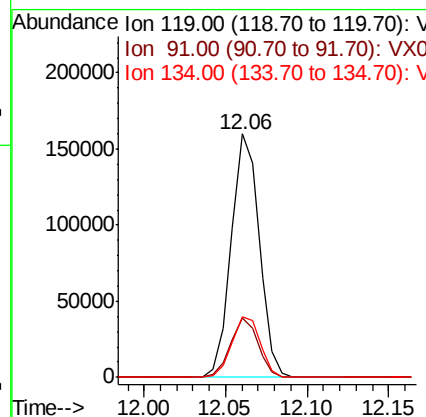
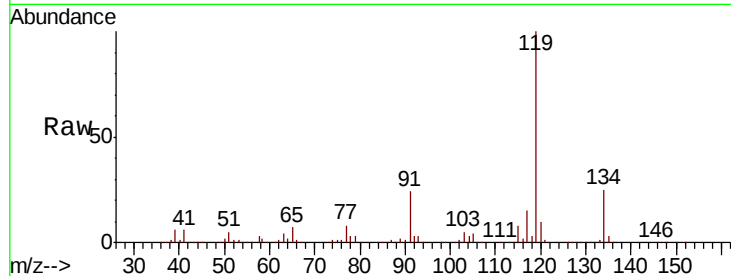




#79
tert-butylbenzene
Concen: 19.316 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

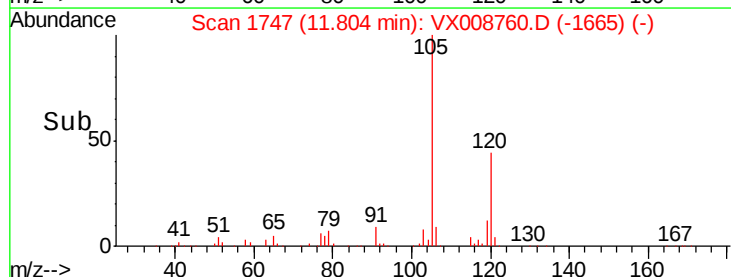
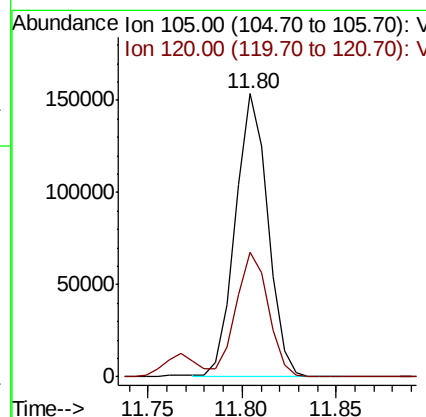
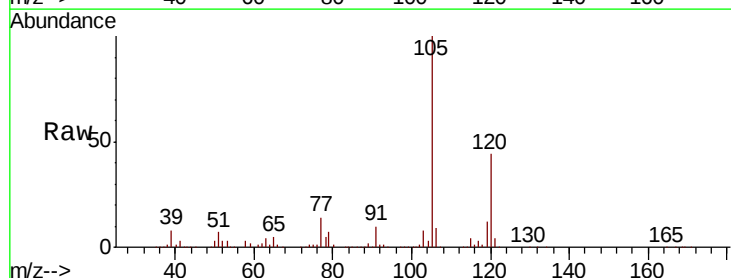
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

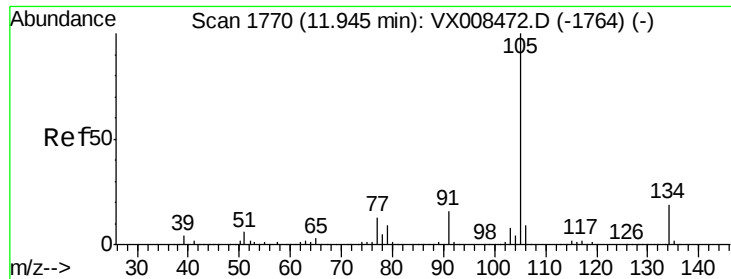
Tgt Ion:119 Resp: 190948
Ion Ratio Lower Upper
119 100
91 24.0 0.0 45.0
134 25.2 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.057 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion:105 Resp: 183803
Ion Ratio Lower Upper
105 100
120 44.2 0.0 94.0

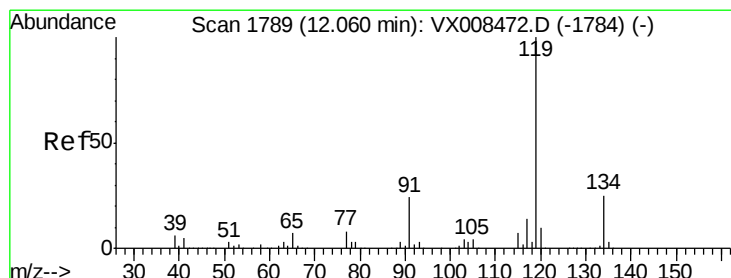
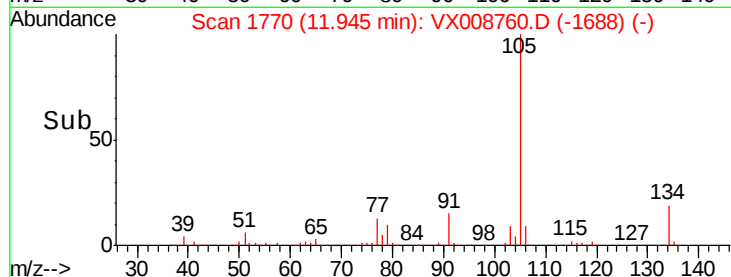
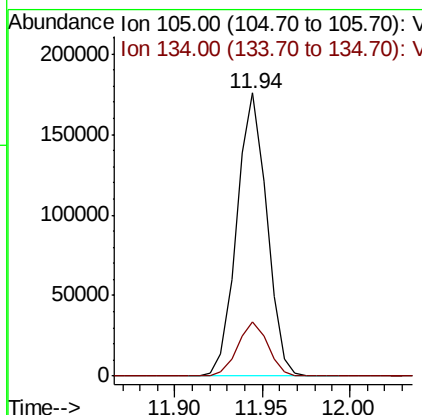
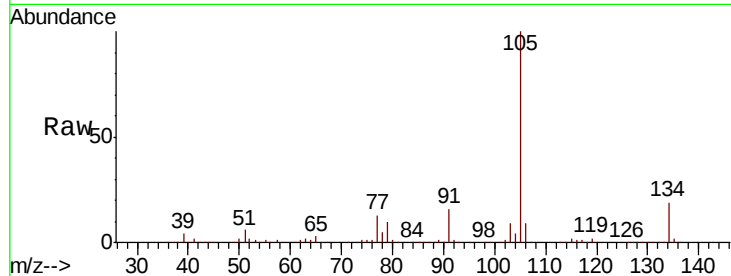




#81
 sec-Butylbenzene
 Concen: 18.986 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

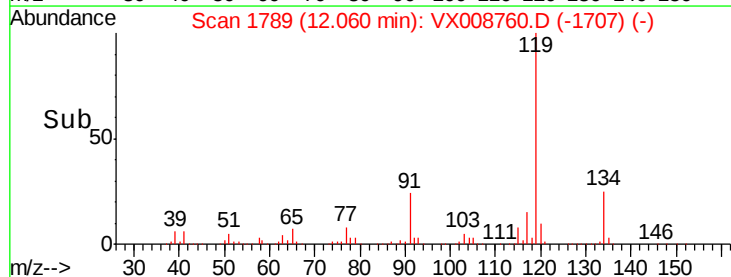
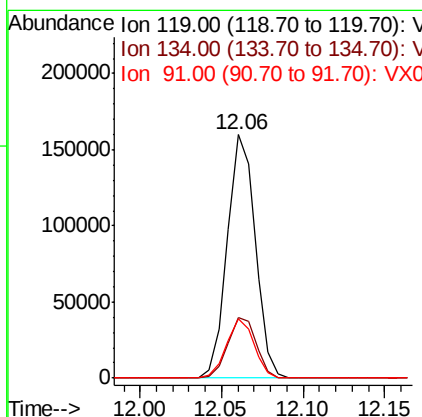
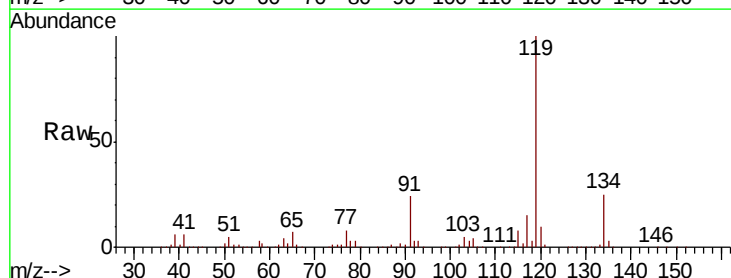
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

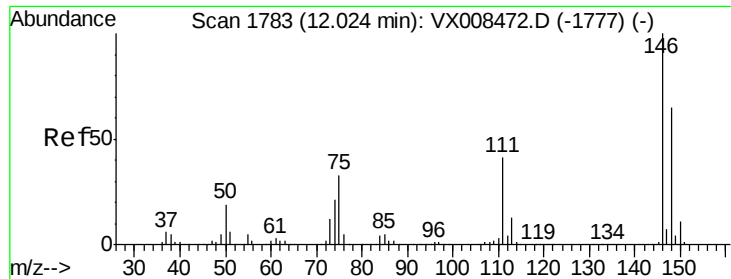
Tgt Ion:105 Resp: 209837
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.316 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion:119 Resp: 190948
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 55.4
 91 24.0 0.0 45.0

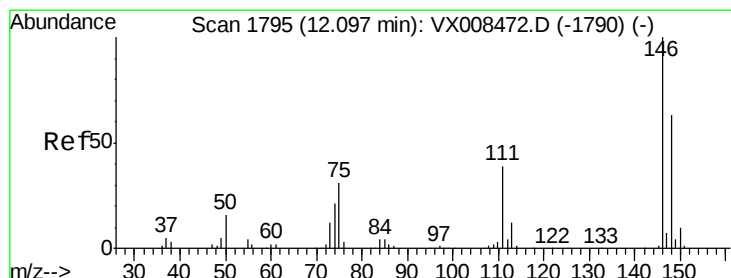
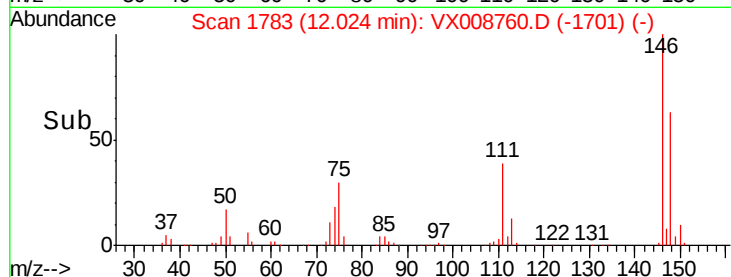
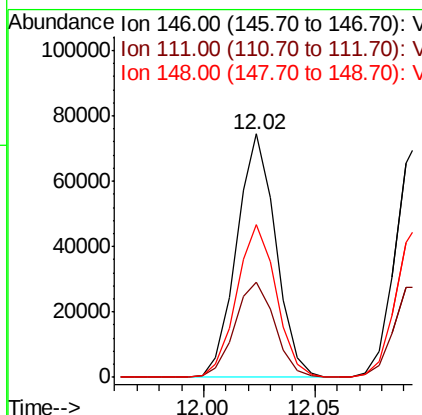
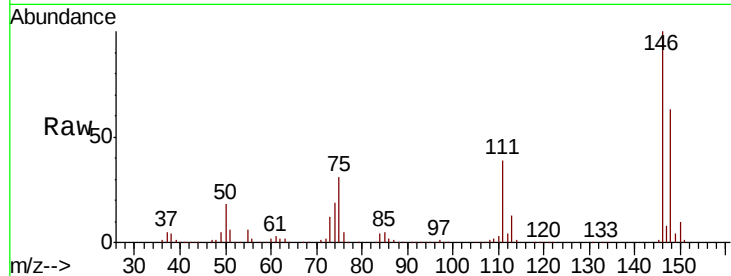




#83
 1,3-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

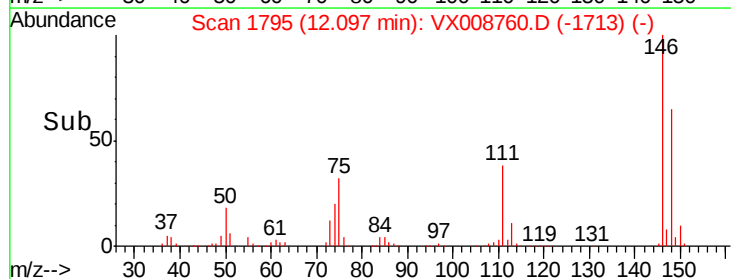
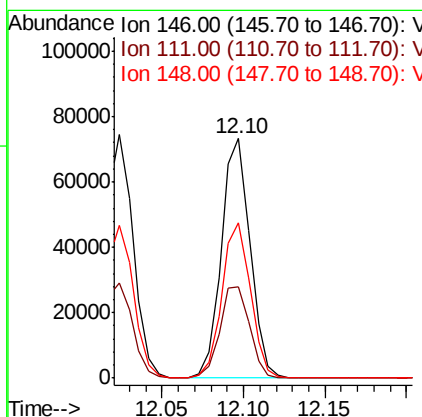
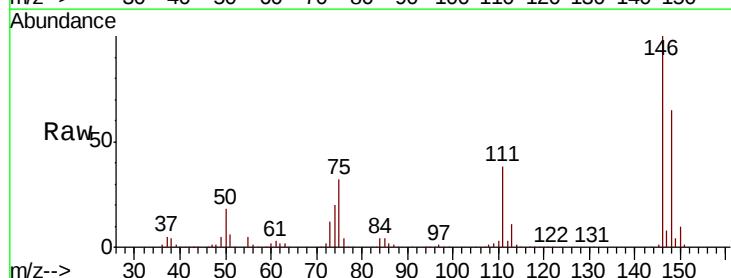
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

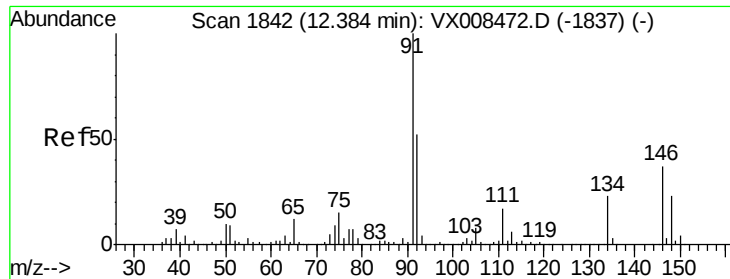
Tgt Ion:146 Resp: 90682
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.8 56.3
 148 63.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 18.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion:146 Resp: 89671
 Ion Ratio Lower Upper
 146 100
 111 39.9 17.6 52.8
 148 64.6 31.4 94.2





#85

n-Butylbenzene

Concen: 18.687 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

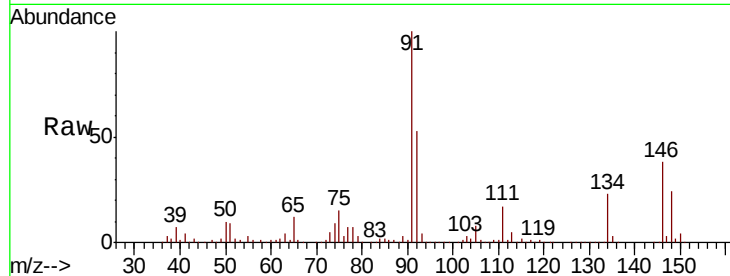
Tgt Ion: 91 Resp: 17521

Ion Ratio Lower Upper

91 100

92 53.2 0.0 105.2

134 24.2 0.0 56.4

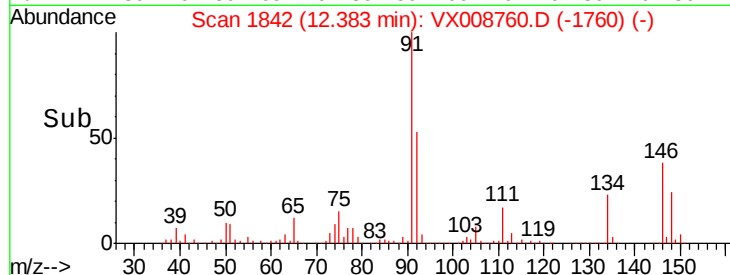


Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX008472.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX008472.D (-1837) (-)

Time-->

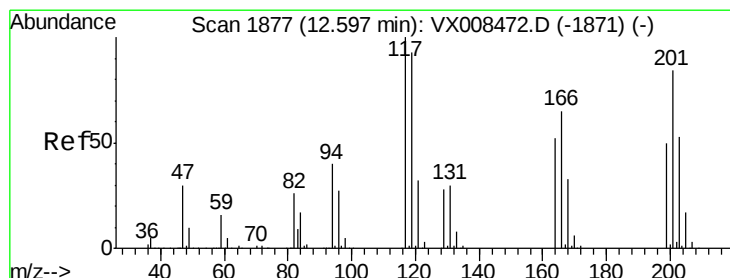


Abundance Ion 91.00 (90.70 to 91.70): VX008760.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX008760.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX008760.D (-1760) (-)

Time-->



#86

Hexachloroethane

Concen: 18.862 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008760.D

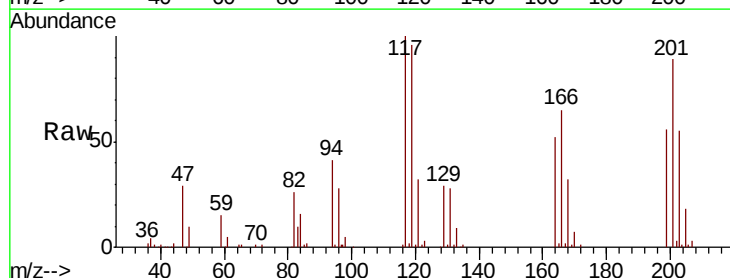
Acq: 09 Apr 2019 09:48

Tgt Ion: 117 Resp: 31153

Ion Ratio Lower Upper

117 100

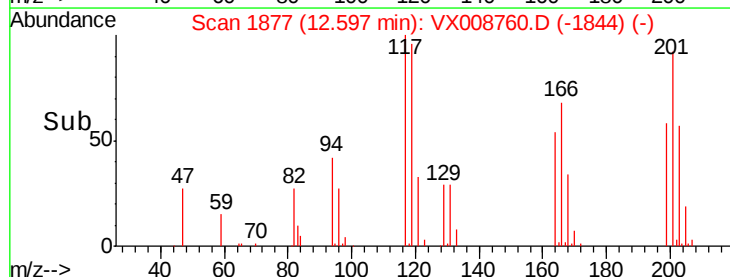
201 84.1 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): VX008472.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX008472.D (-1871) (-)

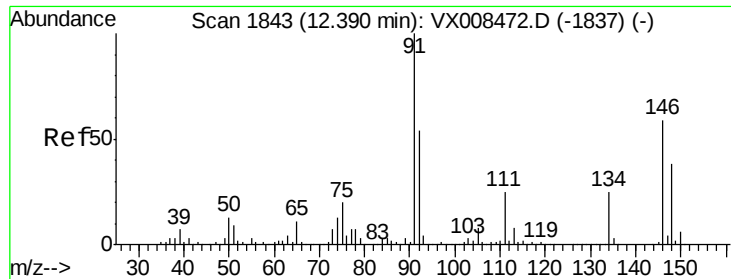
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX008760.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX008760.D (-1844) (-)

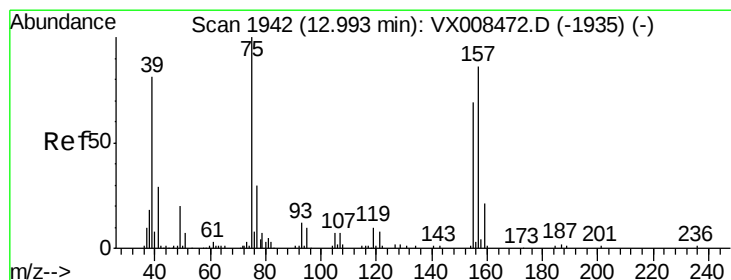
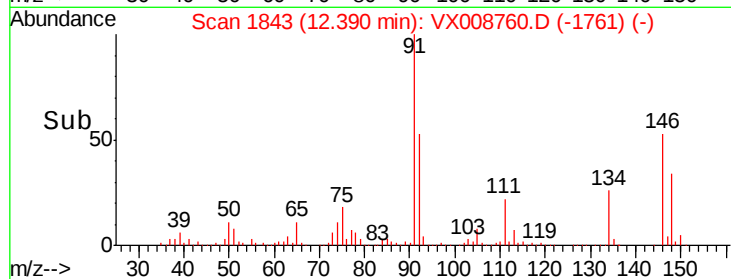
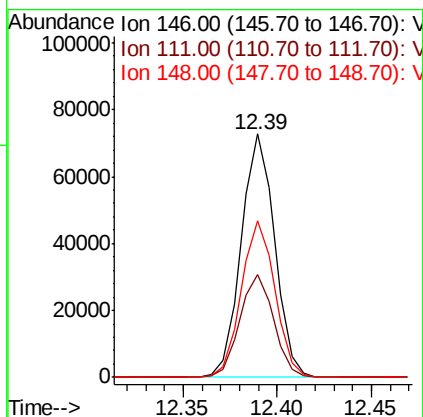
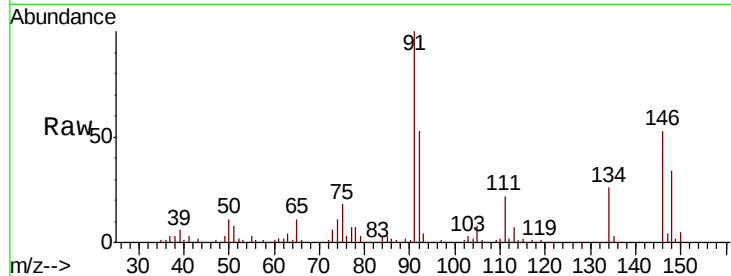
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

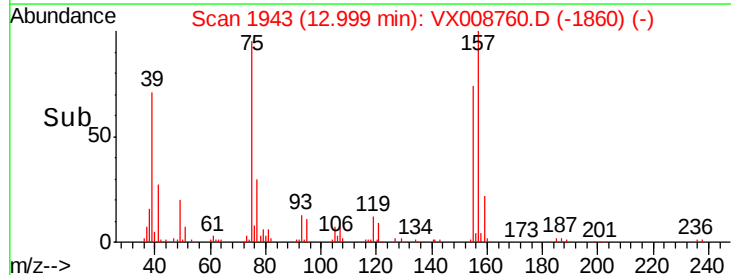
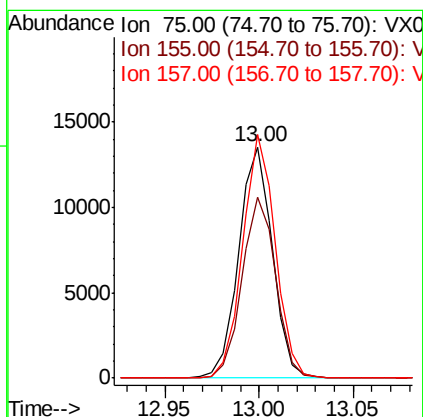
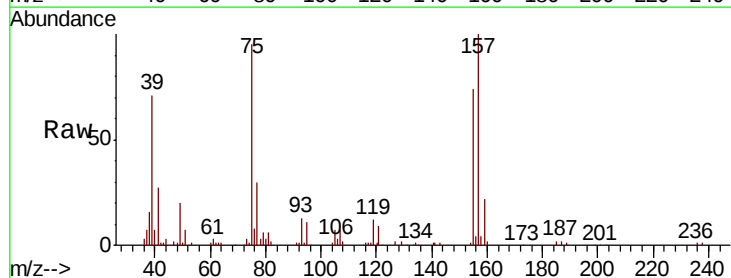
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

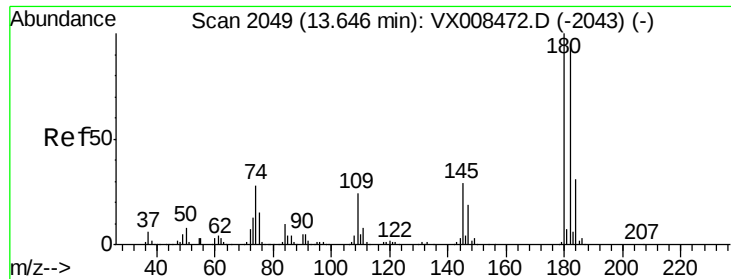
Tgt Ion:146 Resp: 89656
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.3 57.8
 148 64.4 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.902 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 75 Resp: 16771
 Ion Ratio Lower Upper
 75 100
 155 78.3 81.0 121.6#
 157 101.9 103.2 154.8#

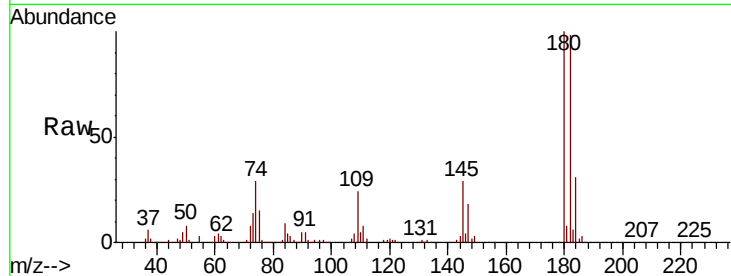




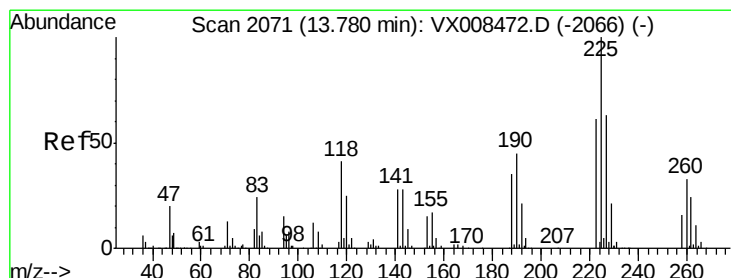
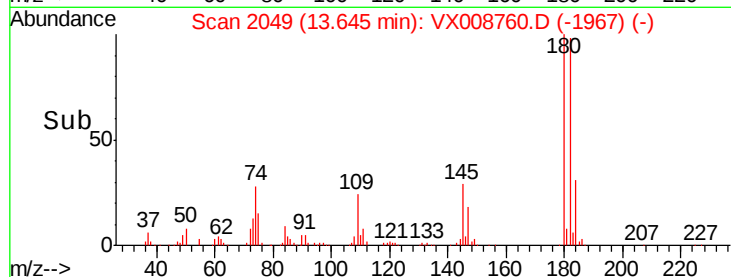
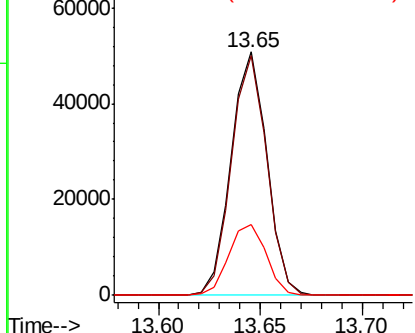
#89
 1,2,4-Trichlorobenzene
 Concen: 18.621 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 61849
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.6 113.4
 145 30.5 23.0 34.6

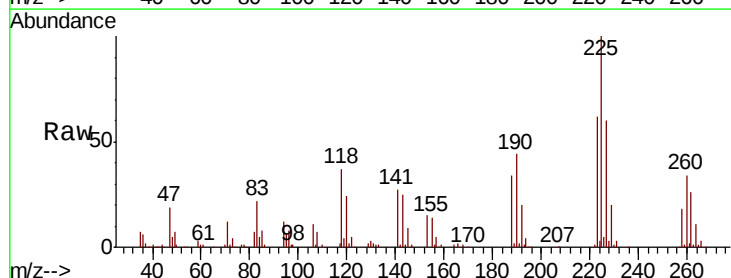


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

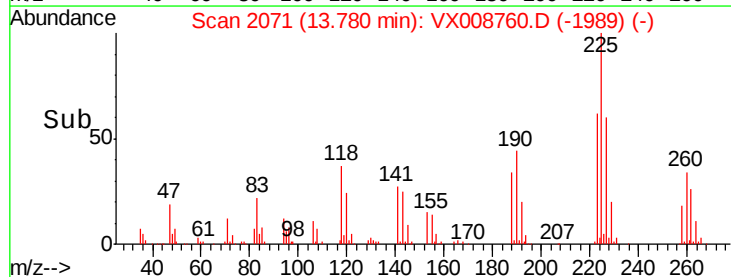
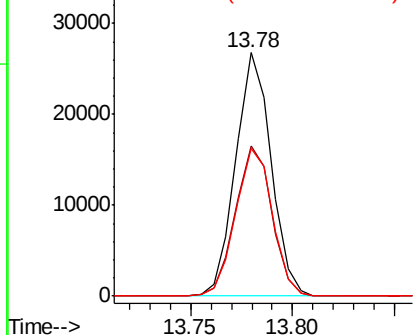


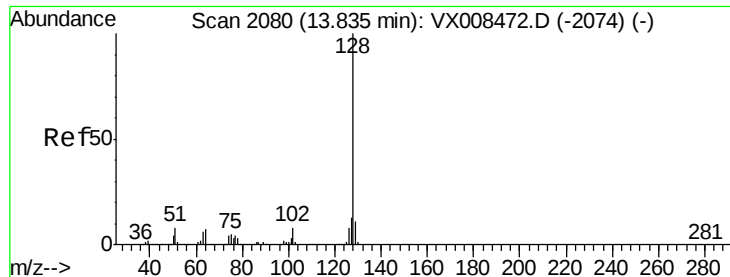
#90
 Hexachlorobutadiene
 Concen: 20.212 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion:225 Resp: 32343
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 123.8
 227 62.5 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

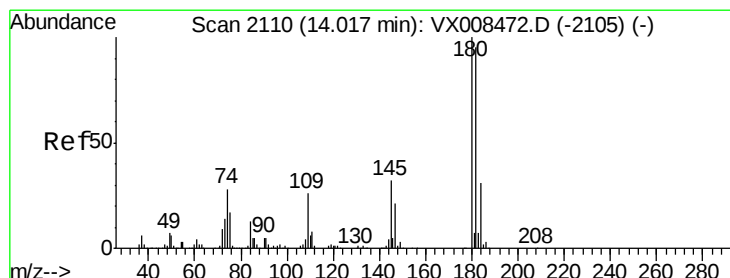
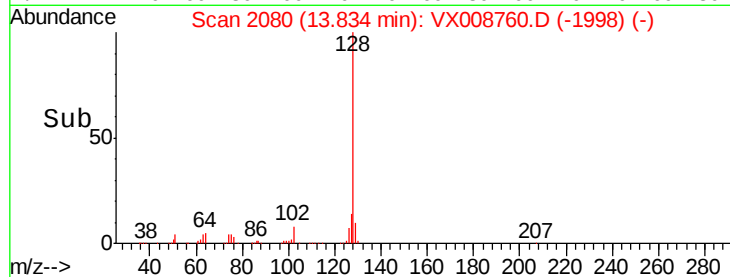
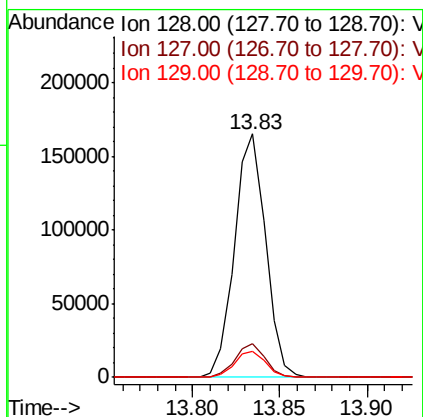
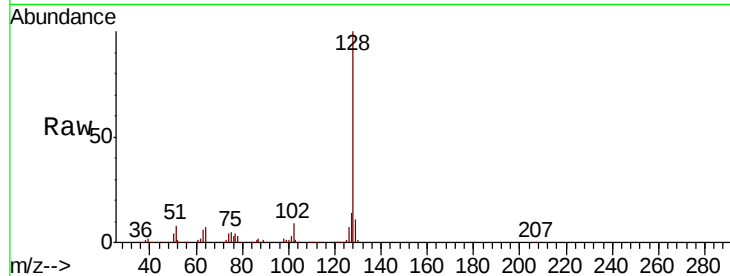




#91
Naphthalene
Concen: 17.997 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 204805
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.702 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion:180 Resp: 62575
Ion Ratio Lower Upper
180 100
182 95.0 0.0 193.0
145 31.1 0.0 63.0

