

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004920.D
 Acq On : 02 Oct 2018 15:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 03 07:51:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	50220	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	266638	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	250177	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	113153	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.14	95	121651	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.72	98	340689	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	75798	19.386	ug/l 96
3) Chloromethane	1.32	50	81251	20.029	ug/l 98
4) Vinyl Chloride	1.40	62	79019	19.054	ug/l 99
5) Bromomethane	1.64	94	38282	19.236	ug/l 98
6) Chloroethane	1.72	64	45996	19.318	ug/l 99
7) Trichlorofluoromethane	1.93	101	101753	19.261	ug/l 99
8) Diethyl Ether	2.19	74	41125	19.096	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56485	18.618	ug/l 99
10) 1,1-Dichloroethene	2.37	96	52392	18.232	ug/l 98
11) Methyl Iodide	2.51	142	38022	21.361	ug/l 98
12) Methyl Acetate	2.78	43	119856	20.684	ug/l 99
13) Acrolein	2.29	56	47069	87.916	ug/l 100
14) Acrylonitrile	3.15	53	231987	97.967	ug/l 100
15) Acetone	2.45	58	72252	91.277	ug/l 97
16) Carbon Disulfide	2.57	76	155394	18.437	ug/l 99
17) Allyl chloride	2.73	41	122328	19.143	ug/l 97
18) Methylene Chloride	2.85	84	65016	19.455	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	57142	18.612	ug/l 98
20) Diisopropyl ether	3.87	45	207283	19.025	ug/l 96
21) 1,1-Dichloroethane	3.70	63	118192	19.689	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	63672	18.749	ug/l 99
23) tert-Butyl Alcohol	3.07	59	108730	99.479	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	204834	19.396	ug/l 100
25) Chloroform	5.21	83	107810	19.082	ug/l 100
26) Cyclohexane	5.57	56	94080	18.262	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	76583	19.409	ug/l 99
30) 2-Butanone	4.70	43	326695	101.840	ug/l 99
31) 2,2-Dichloropropane	4.58	77	86439	19.967	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	90926	20.047	ug/l 99
33) Carbon Tetrachloride	5.78	117	76814	19.284	ug/l 98
34) Benzene	6.14	78	241573	20.176	ug/l 98
35) Methacrylonitrile	5.06	41	62119	20.837	ug/l 97
36) 1,2-Dichloroethane	6.20	62	85342	19.785	ug/l 99
37) Trichloroethene	7.21	130	63020	19.982	ug/l 99
38) Methylcyclohexane	7.46	83	86676	18.503	ug/l 99
39) 1,2-Dichloropropane	7.52	63	65566	20.552	ug/l 98
40) Dibromomethane	7.66	93	42720	20.660	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004920.D
 Acq On : 02 Oct 2018 15:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Oct 03 07:51:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	79683	19.990	ug/l	98
42) Vinyl Acetate	3.82	43	977283	105.301	ug/l	100
43) Ethyl Acetate	4.86	43	108132	20.434	ug/l	100
44) Isopropyl Acetate	6.46	43	160662	20.345	ug/l	100
45) 1,4-Dioxane	7.76	88	39449	424.015	ug/l	99
46) Methyl methacrylate	7.78	41	83633	20.413	ug/l	97
47) n-amyl Acetate	10.90	43	138519	19.012	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	88970	19.510	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	98391	19.905	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	65192	20.825	ug/l	98
51) Ethyl methacrylate	9.18	69	97258	19.576	ug/l	99
52) 1,3-Dichloropropane	9.37	76	107190	20.296	ug/l	100
53) Dibromochloromethane	9.59	129	63548	19.566	ug/l	99
54) 1,2-Dibromoethane	9.67	107	66245	20.305	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	273862	104.465	ug/l	99
56) Bromoform	10.86	173	51604	19.025	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	580279	103.304	ug/l	99
59) 2-Hexanone	9.50	43	460631	99.532	ug/l	100
61) Tetrachloroethene	9.34	164	61584	20.228	ug/l	96
62) Toluene	8.79	91	263146	20.014	ug/l	99
64) Chlorobenzene	10.14	112	167132	19.683	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	60995	19.761	ug/l	100
66) Ethyl Benzene	10.26	91	277155	19.309	ug/l	100
67) m/p-Xylenes	10.36	106	216769	38.785	ug/l	95
68) o-Xylene	10.70	106	103783	19.264	ug/l	100
69) Styrene	10.71	104	175118	19.331	ug/l	99
70) Isopropylbenzene	11.02	105	279887	19.401	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	103664	19.347	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	120992	24.786	ug/l	87
73) Bromobenzene	11.26	156	76091	19.188	ug/l	98
74) n-propylbenzene	11.36	91	324567	19.122	ug/l	99
75) 2-Chlorotoluene	11.42	91	201378	19.453	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	237594	19.088	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	28949	18.037	ug/l	95
78) 4-Chlorotoluene	11.51	91	229416	19.066	ug/l	99
79) tert-butylbenzene	12.07	119	249997	18.925	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	246148	19.391	ug/l	100
81) sec-Butylbenzene	11.94	105	279925	19.051	ug/l	99
82) p-Isopropyltoluene	12.07	119	249997	18.925	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	139012	18.957	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	140426	18.870	ug/l	99
85) n-Butylbenzene	12.39	91	219604	18.303	ug/l	99
86) Hexachloroethane	12.60	117	39228	18.028	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	141922	19.039	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23975	19.363	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	102448	18.424	ug/l	99
90) Hexachlorobutadiene	13.79	225	50225	18.295	ug/l	100
91) Naphthalene	13.83	128	328919	19.023	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	105401	18.485	ug/l	99

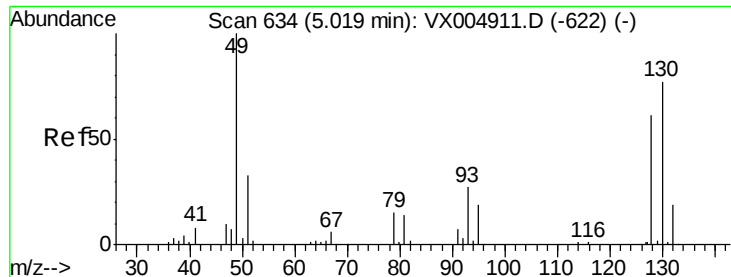
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
Data File : VX004920.D
Acq On : 02 Oct 2018 15:39
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Oct 03 07:51:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:49:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

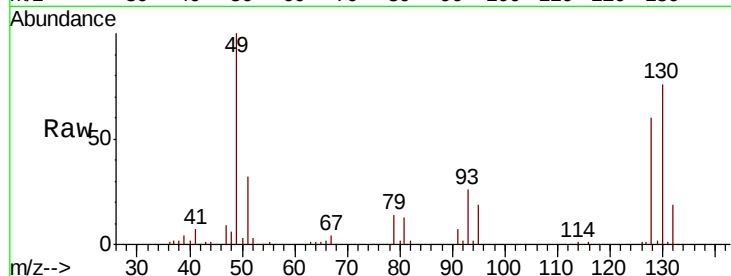
Tot Ion:128 Resp: 50220

Ion Ratio Lower Upper

128 100

49 171.6 0.0 429.5

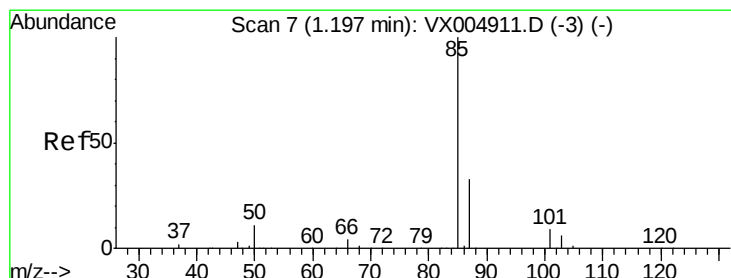
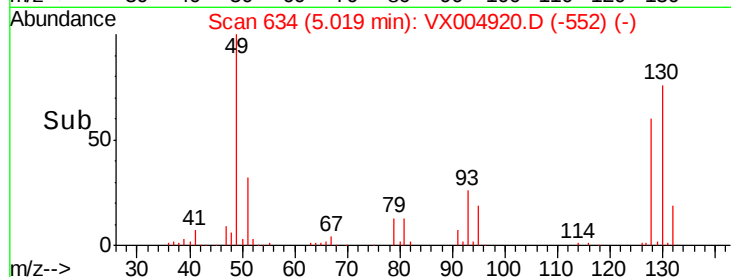
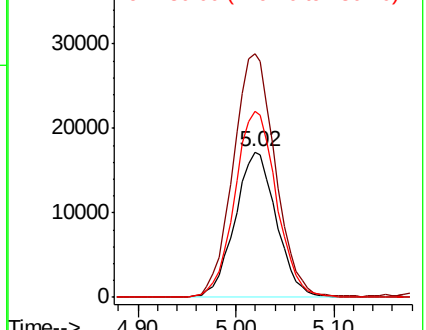
130 129.6 0.0 325.8



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: 19.386 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004920.D

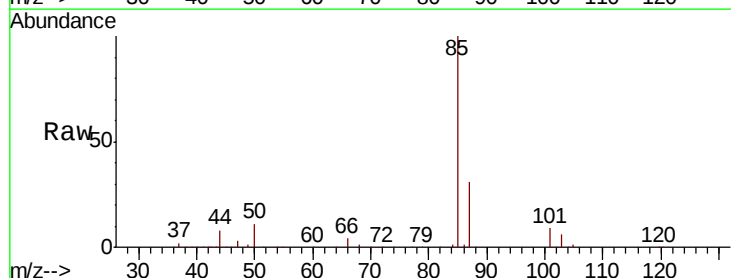
Acq: 02 Oct 2018 15:39

Tgt Ion: 85 Resp: 75798

Ion Ratio Lower Upper

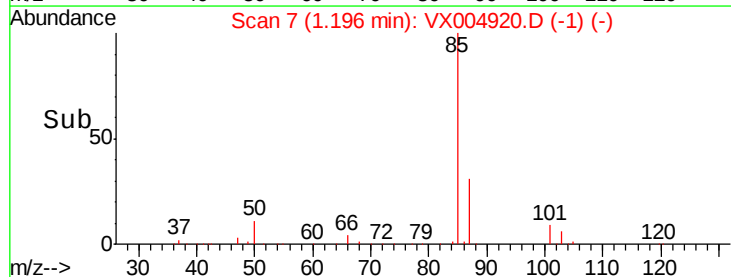
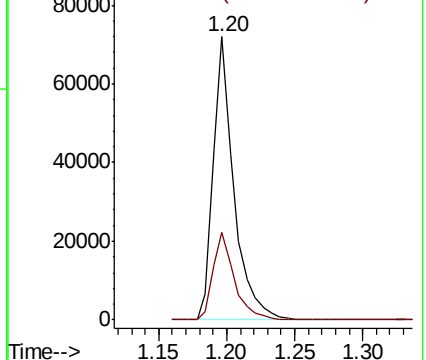
85 100

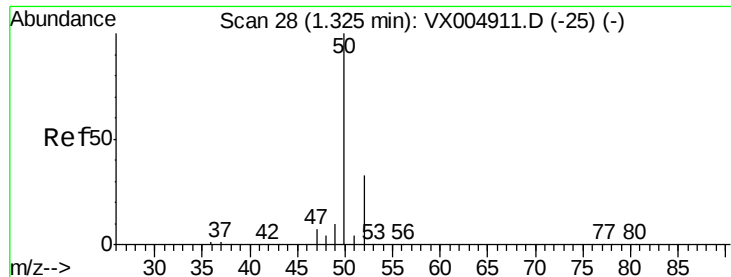
87 31.0 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.029 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

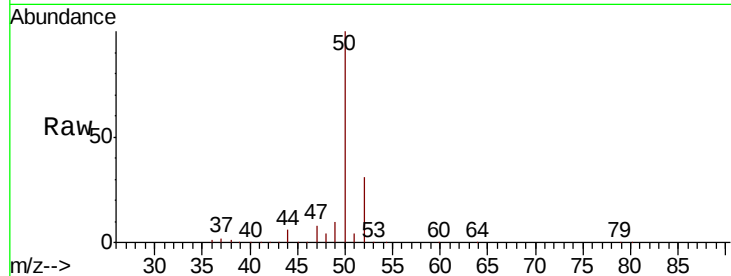
VSTDCCC020EC

Tot Ion: 50 Resp: 81251

Ion Ratio Lower Upper

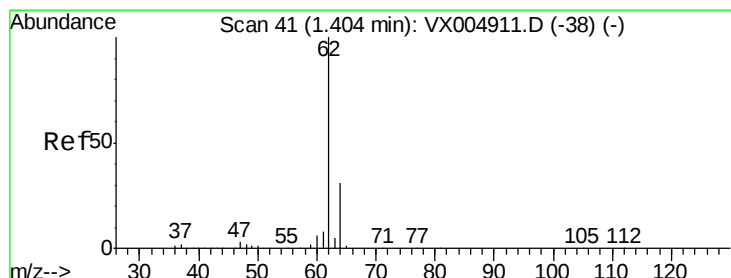
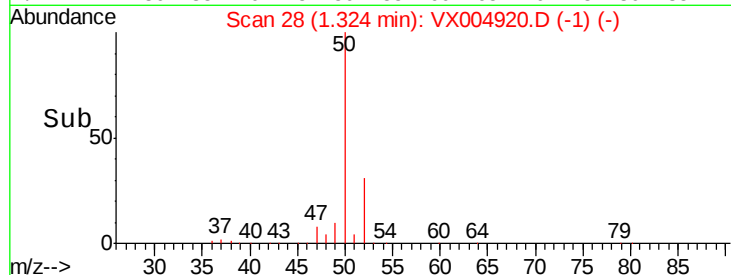
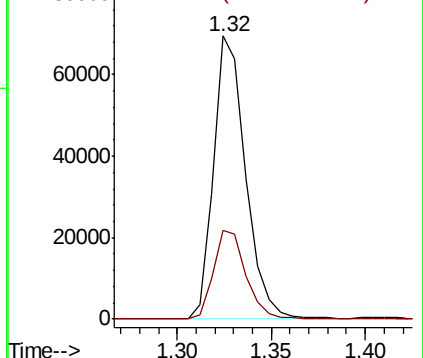
50 100

52 31.2 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.054 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004920.D

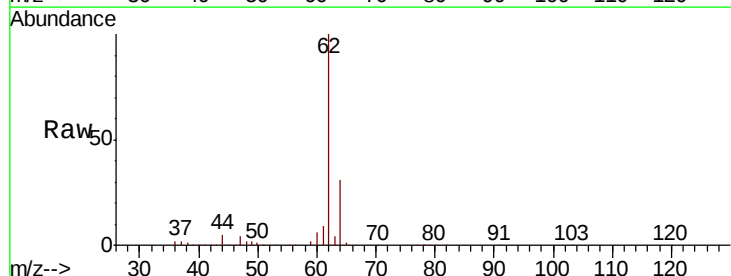
Acq: 02 Oct 2018 15:39

Tgt Ion: 62 Resp: 79019

Ion Ratio Lower Upper

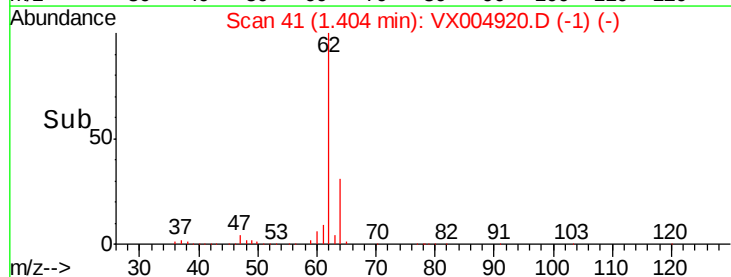
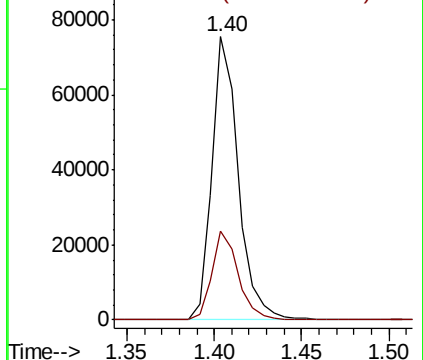
62 100

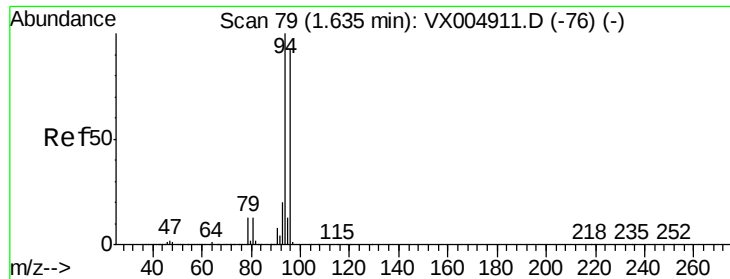
64 31.2 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.236 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

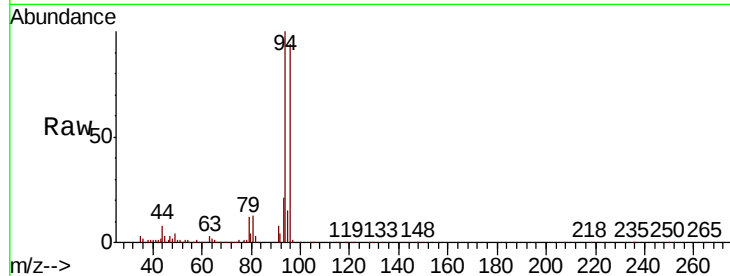
VSTDCCC020EC

Tot Ion: 94 Resp: 38282

Ion Ratio Lower Upper

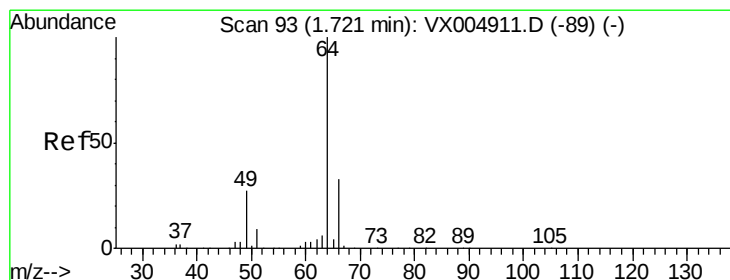
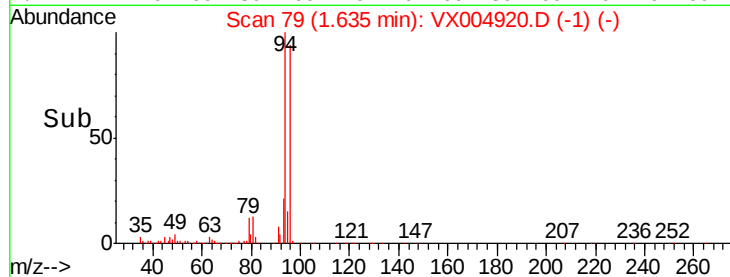
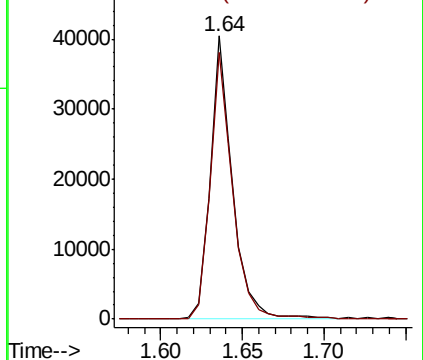
94 100

96 94.4 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.318 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX004920.D

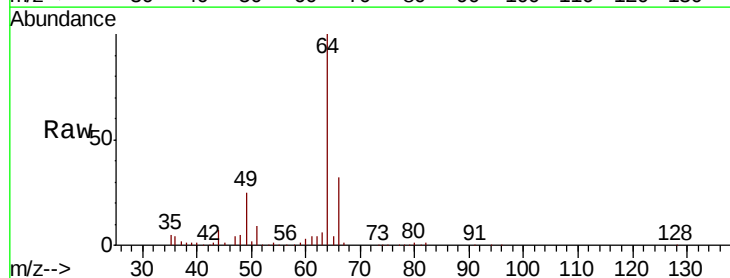
Acq: 02 Oct 2018 15:39

Tgt Ion: 64 Resp: 45996

Ion Ratio Lower Upper

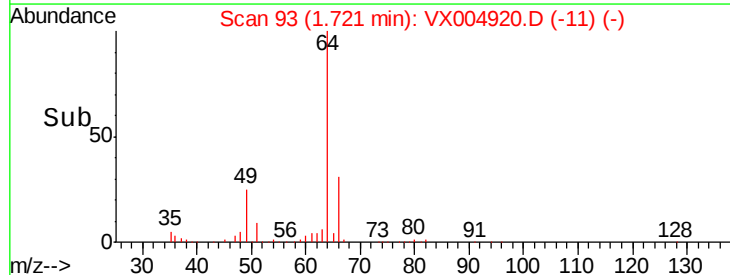
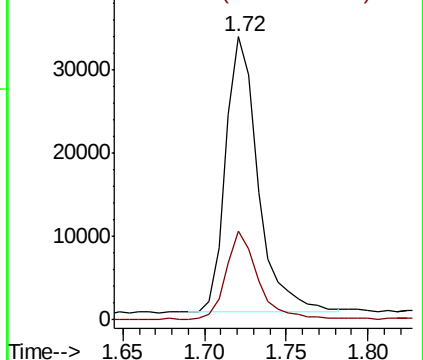
64 100

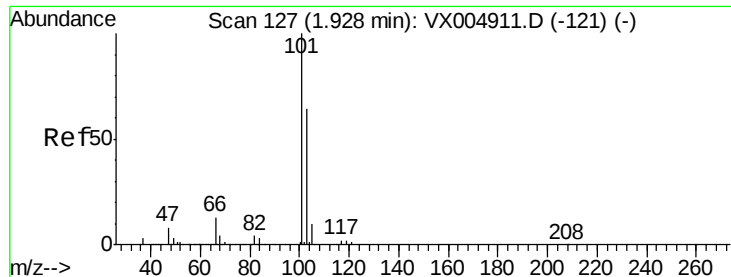
66 32.1 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



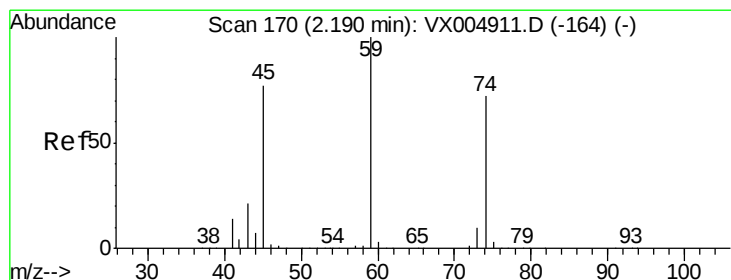
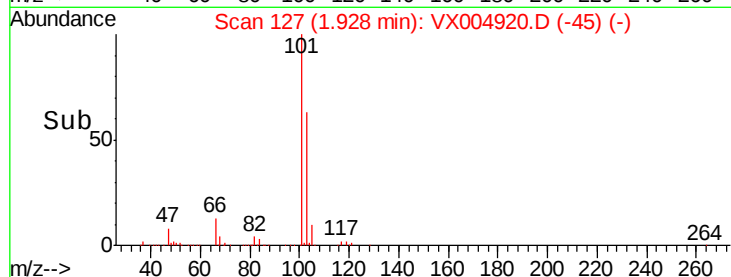
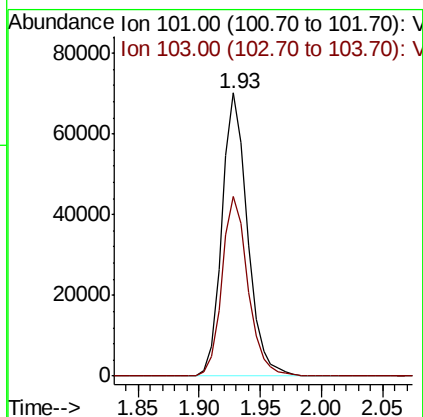
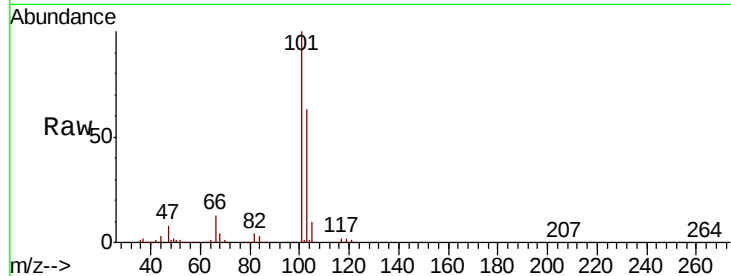


#7

Trichlorofluoromethane
 Concen: 19.261 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

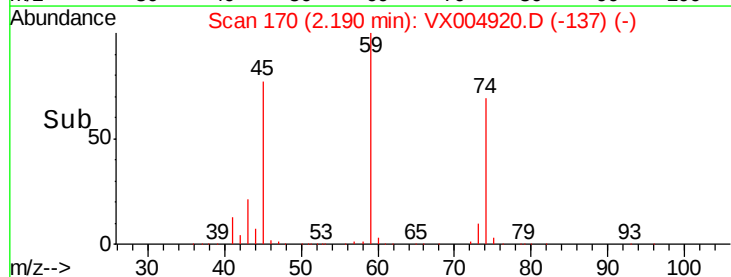
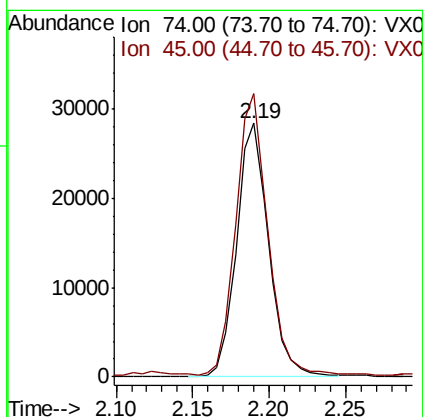
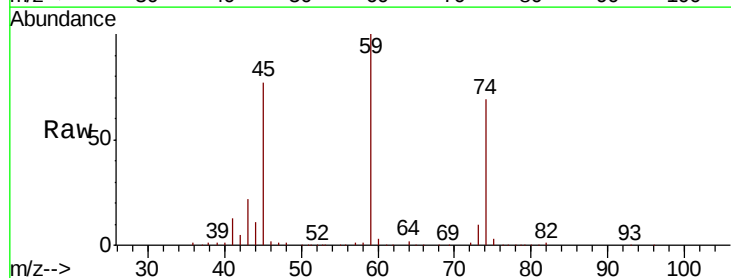
Tot Ion:101 Resp: 101753
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.1 76.7

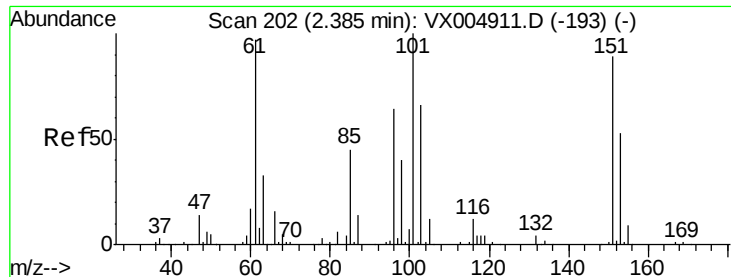


#8

Diethyl Ether
 Concen: 19.096 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 74 Resp: 41125
 Ion Ratio Lower Upper
 74 100
 45 110.4 21.6 194.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.618 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

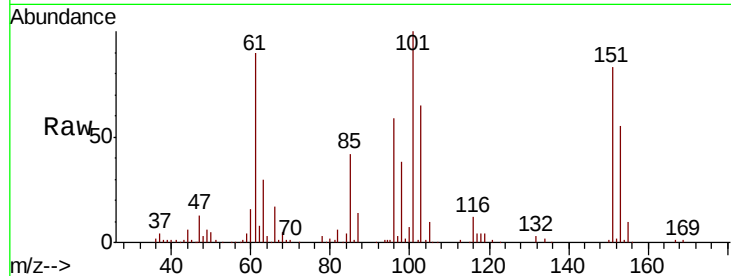
Tot Ion:101 Resp: 56485

Ion Ratio Lower Upper

101 100

85 44.6 0.0 88.0

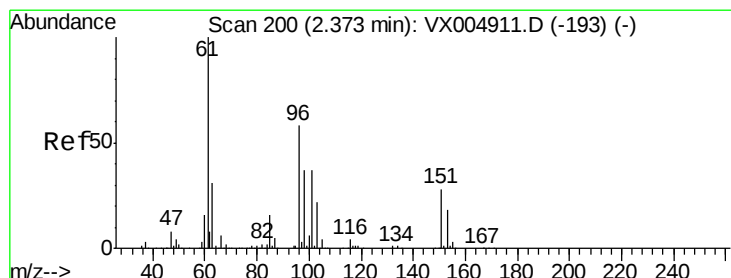
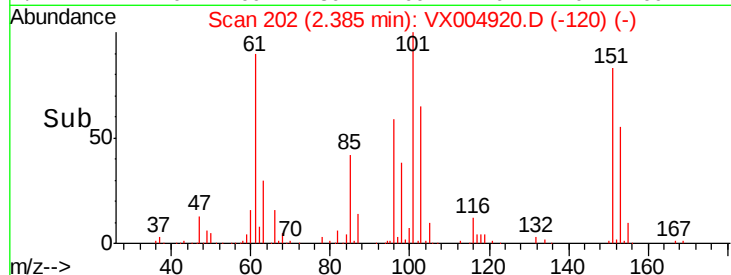
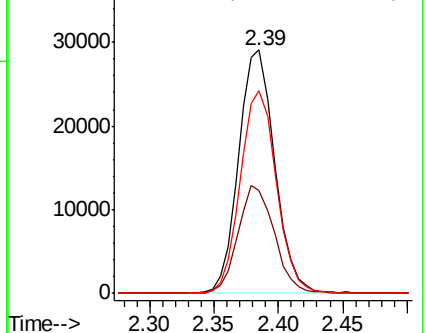
151 83.4 0.0 164.8



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: 18.232 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

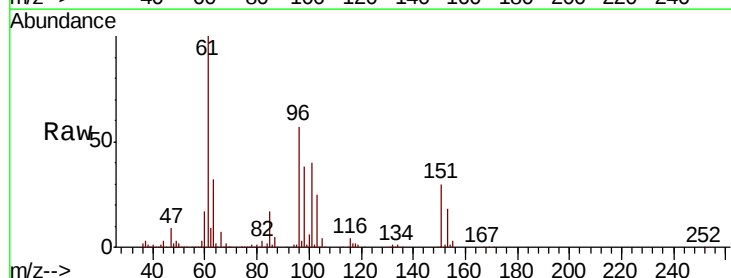
Tgt Ion: 96 Resp: 52392

Ion Ratio Lower Upper

96 100

61 174.9 137.9 206.9

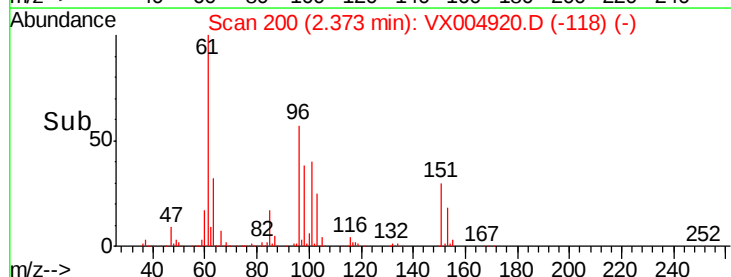
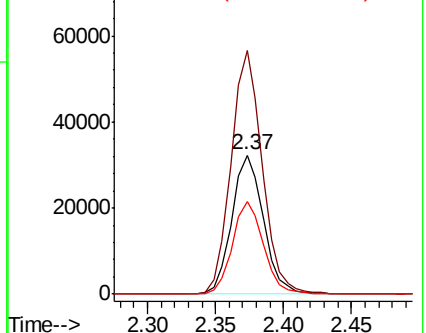
98 66.8 51.0 76.4

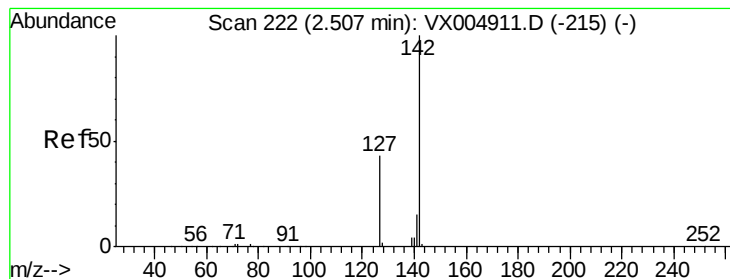


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 21.361 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

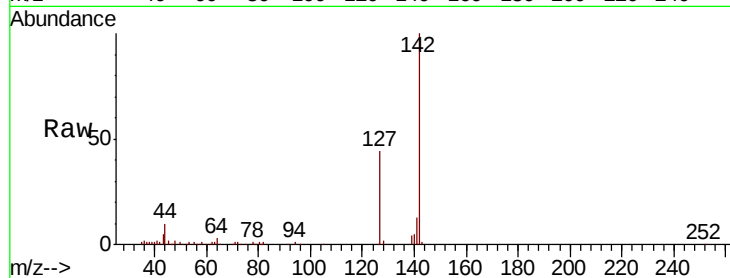
Tot Ion:142 Resp: 38022

Ion Ratio Lower Upper

142 100

127 43.7 21.6 64.8

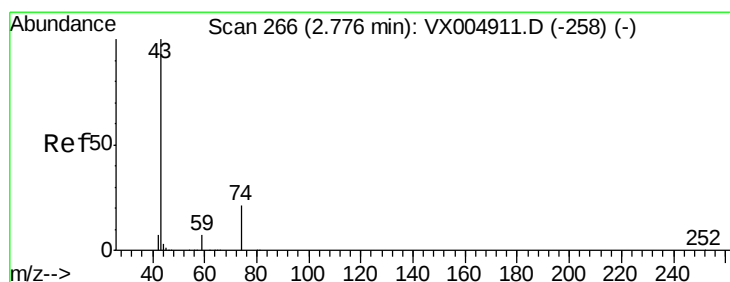
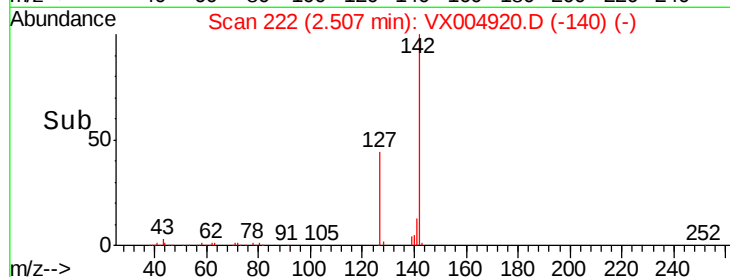
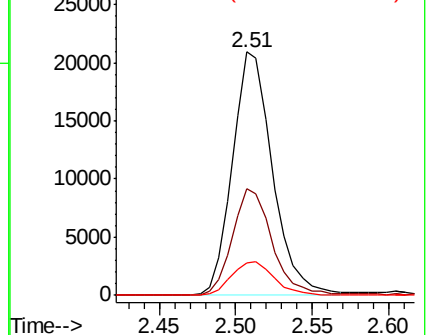
141 13.3 7.5 22.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 20.684 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004920.D

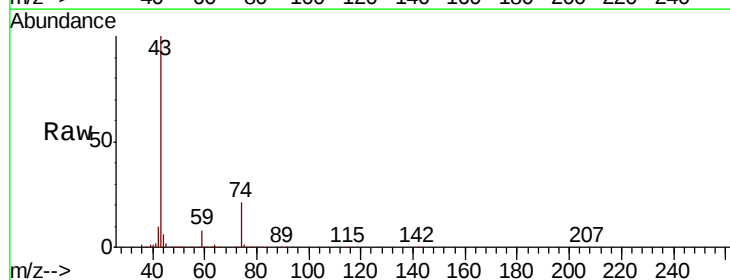
Acq: 02 Oct 2018 15:39

Tgt Ion: 43 Resp: 119856

Ion Ratio Lower Upper

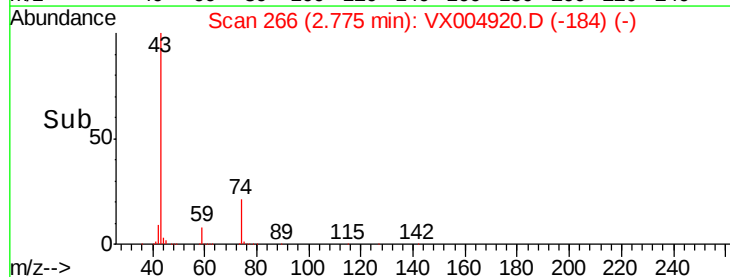
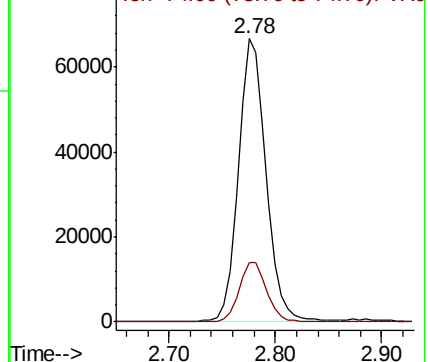
43 100

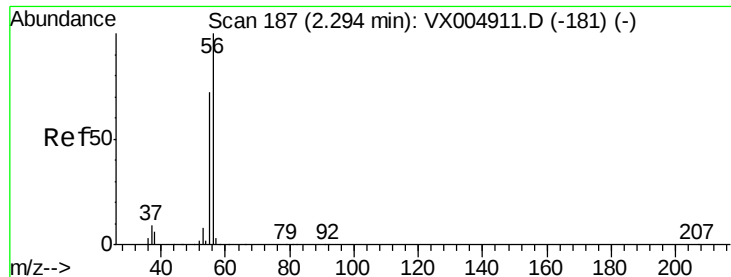
74 20.9 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 87.916 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

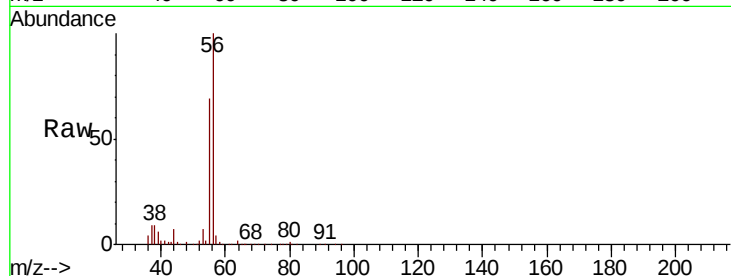
VSTDCCC020EC

Tot Ion: 56 Resp: 47069

Ion Ratio Lower Upper

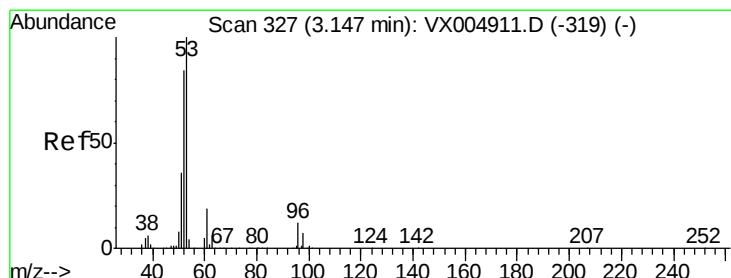
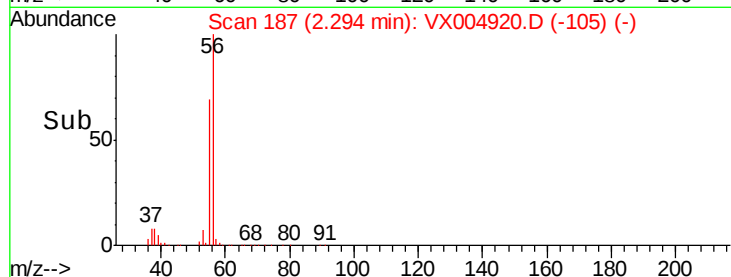
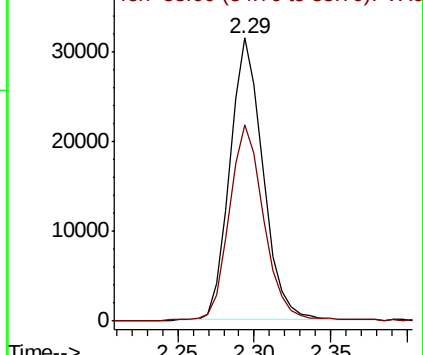
56 100

55 72.7 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 97.967 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

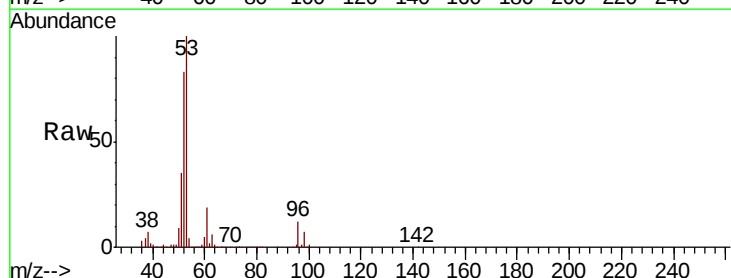
Tgt Ion: 53 Resp: 231987

Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

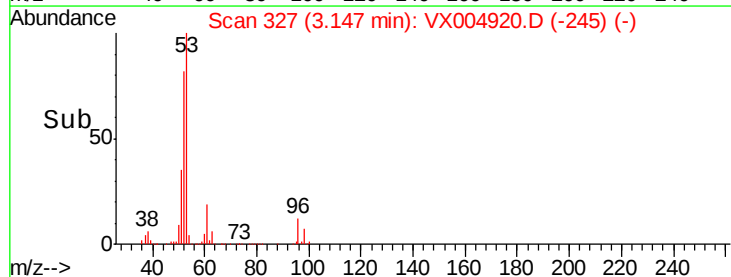
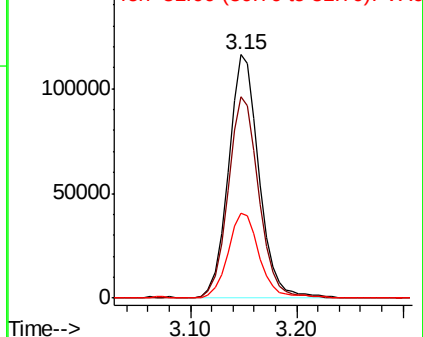
51 36.1 18.0 54.0

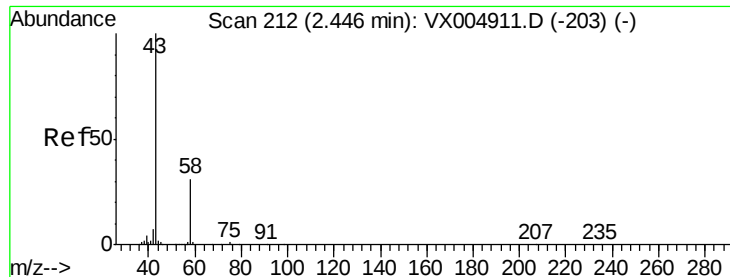


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 91.277 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

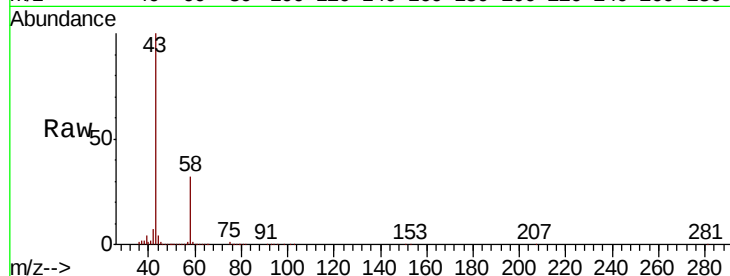
VSTDCCC020EC

Tot Ion: 58 Resp: 72252

Ion Ratio Lower Upper

58 100

43 316.9 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

100000

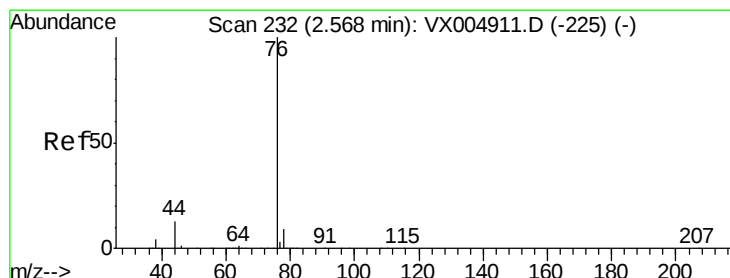
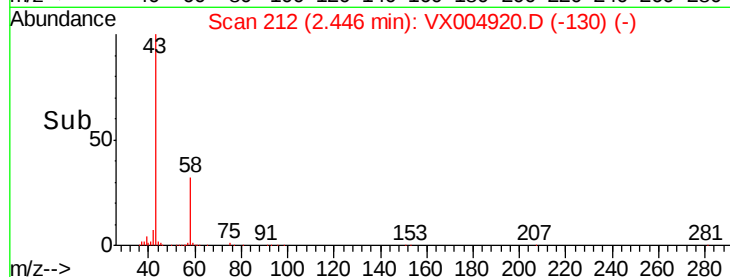
50000

0

2.45

2.40 2.50

Time-->



#16

Carbon Disulfide

Concen: 18.437 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004920.D

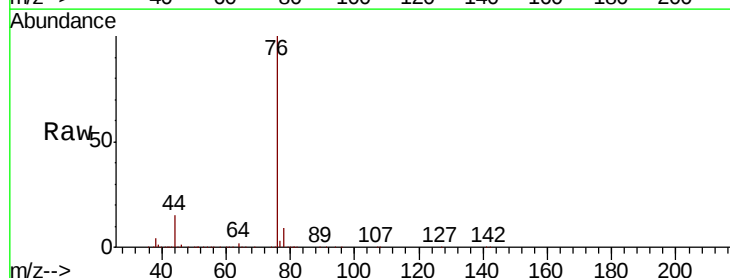
Acq: 02 Oct 2018 15:39

Tgt Ion: 76 Resp: 155394

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

40000

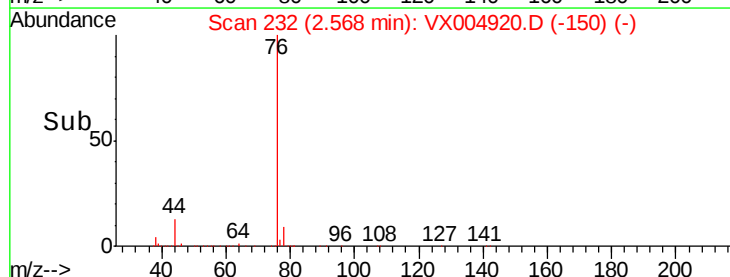
20000

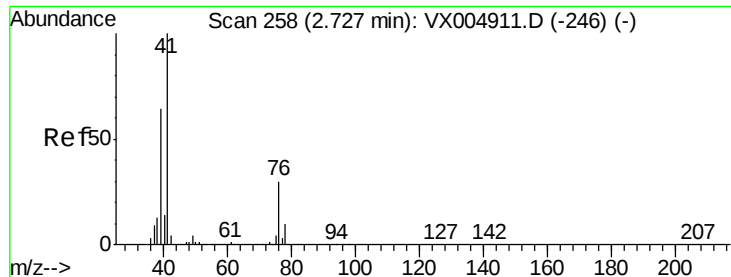
0

2.57

2.50 2.60 2.70

Time-->

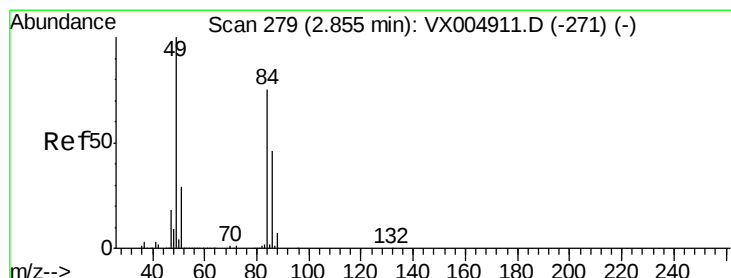
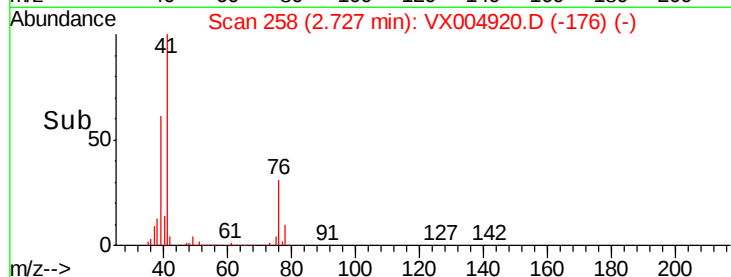
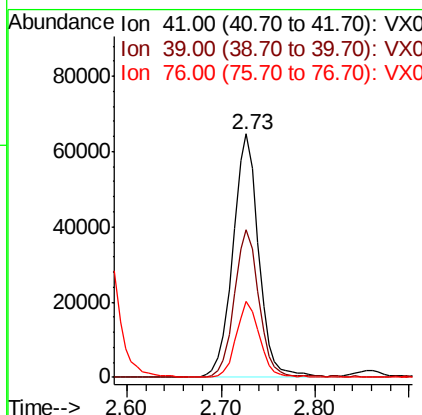
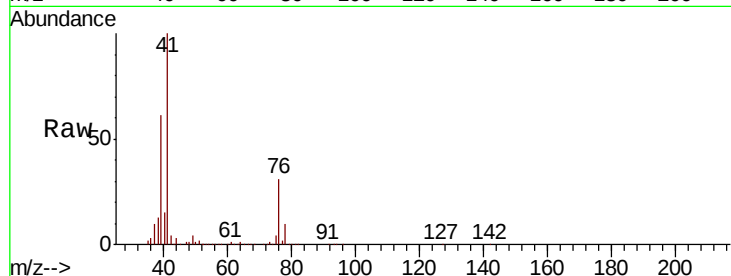




#17
Allvl chloride
Concen: 19.143 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

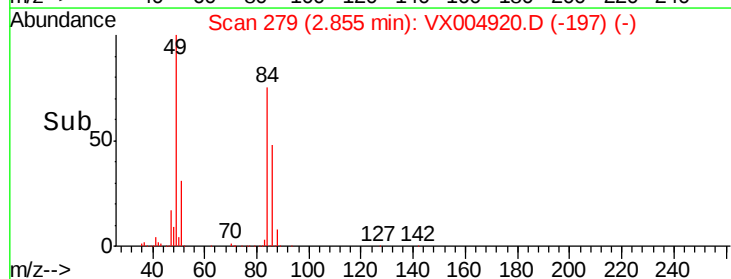
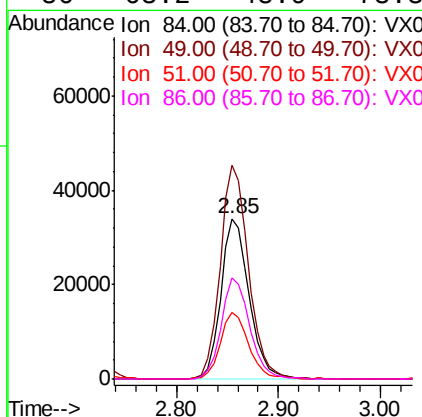
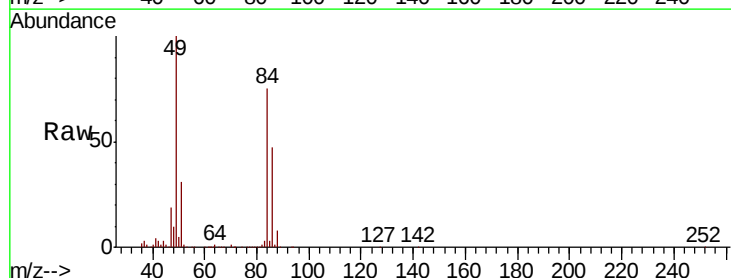
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

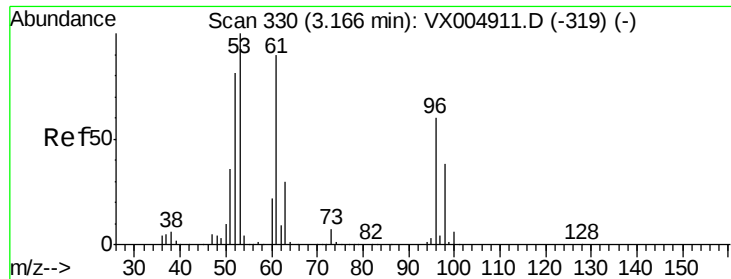
Tot Ion: 41 Resp: 122328
Ion Ratio Lower Upper
41 100
39 60.7 31.8 95.4
76 31.2 15.3 45.8



#18
Methylene Chloride
Concen: 19.455 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 84 Resp: 65016
Ion Ratio Lower Upper
84 100
49 132.9 106.2 159.4
51 41.6 31.3 46.9
86 63.2 48.9 73.3

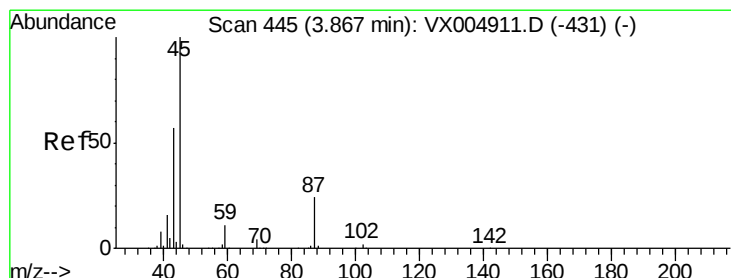
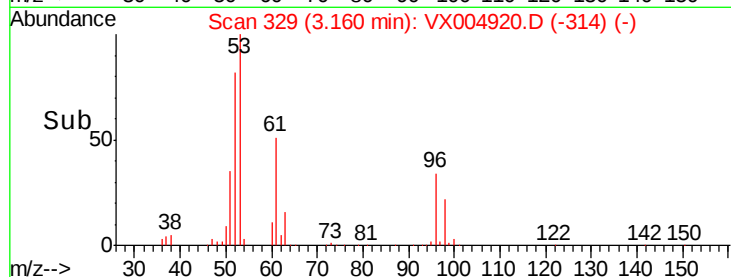
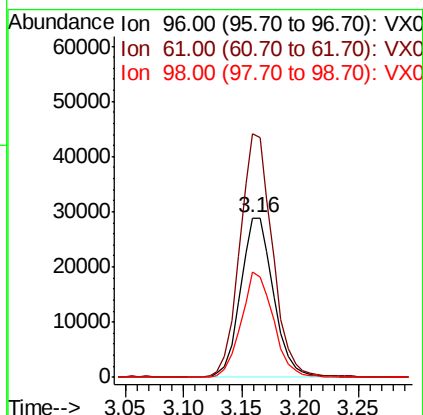
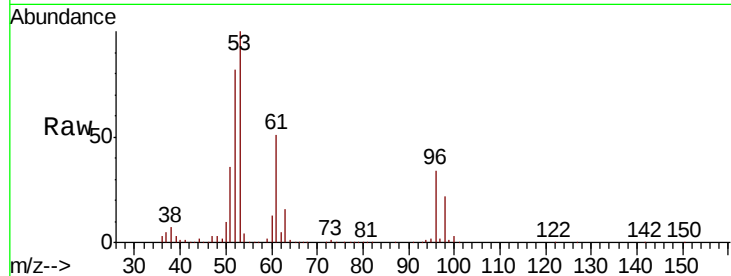




#19
trans-1,2-Dichloroethene
Concen: 18.612 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

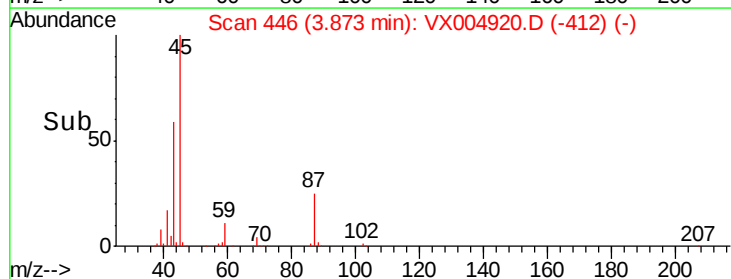
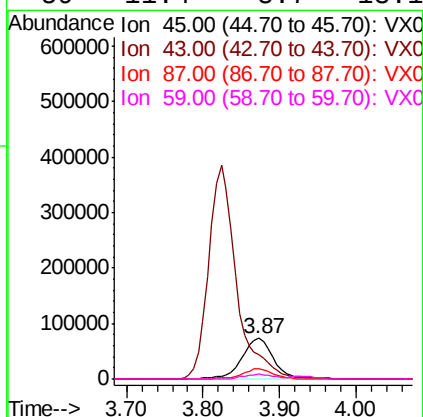
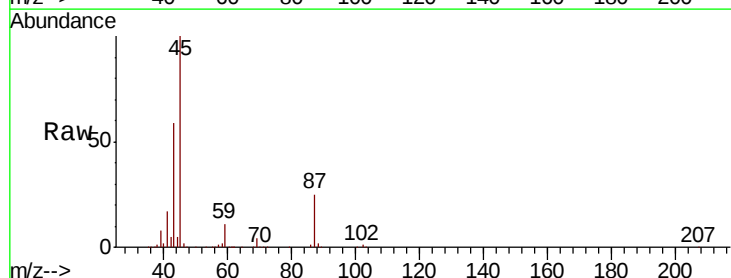
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

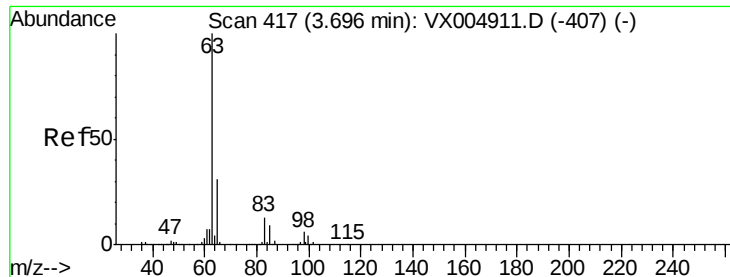
Tot Ion: 96 Resp: 57142
Ion Ratio Lower Upper
96 100
61 152.1 119.5 179.3
98 65.7 50.6 75.8



#20
Diisopropyl ether
Concen: 19.025 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 45 Resp: 207283
Ion Ratio Lower Upper
45 100
43 57.9 49.8 74.8
87 24.7 19.1 28.7
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.689 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

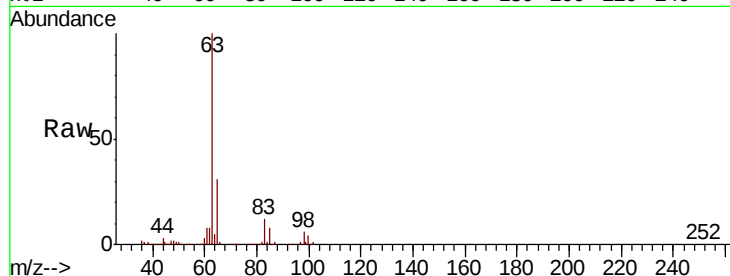
Tot Ion: 63 Resp: 118192

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

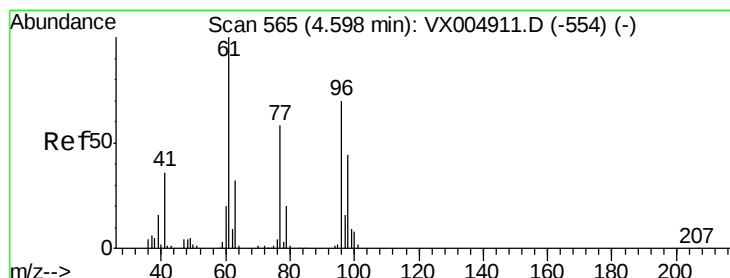
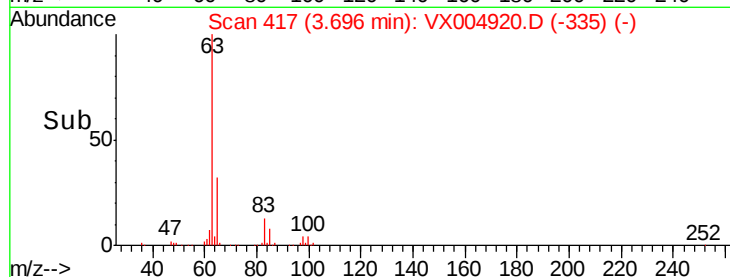
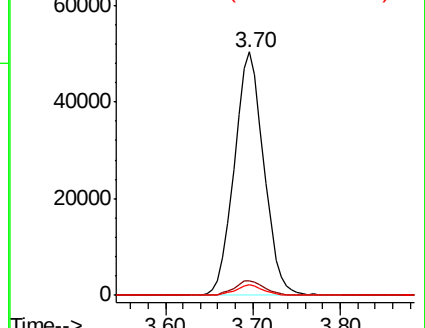
100 4.4 2.1 6.5



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: 18.749 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

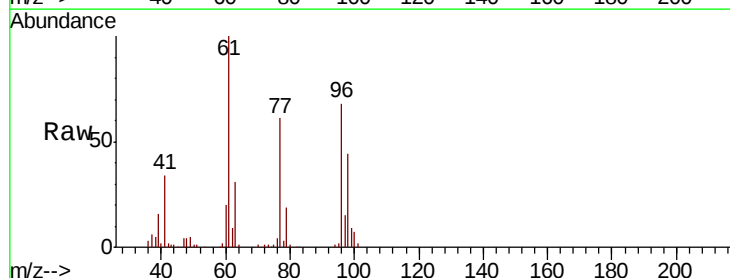
Tgt Ion: 96 Resp: 63672

Ion Ratio Lower Upper

96 100

61 152.0 123.3 184.9

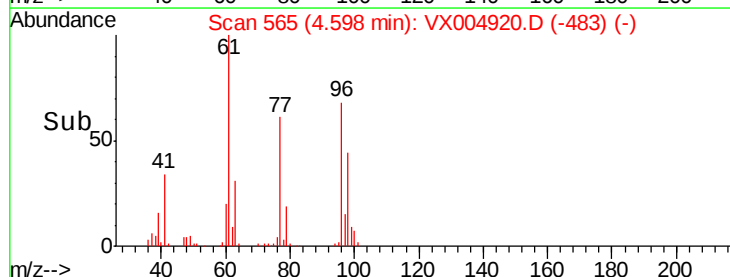
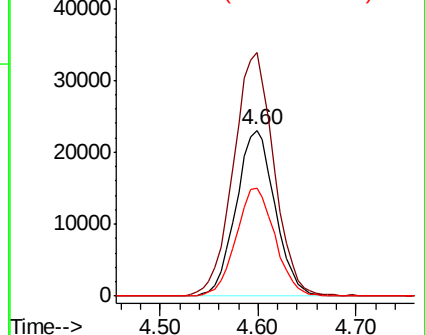
98 64.9 51.4 77.0

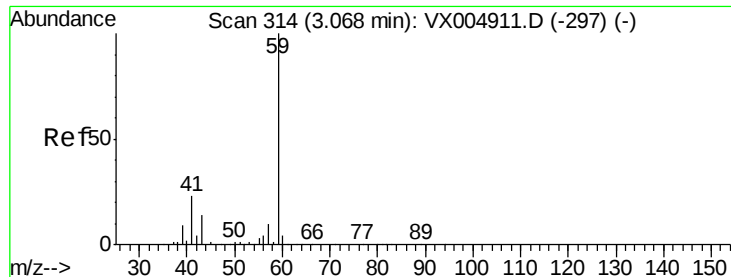


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 99.479 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

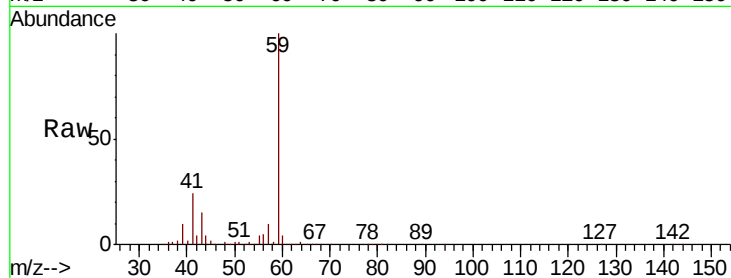
VSTDCCC020EC

Tot Ion: 59 Resp: 108730

Ion Ratio Lower Upper

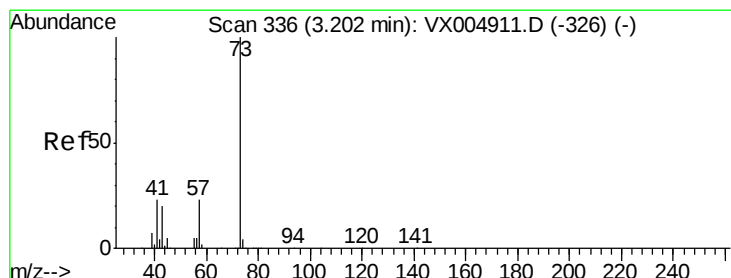
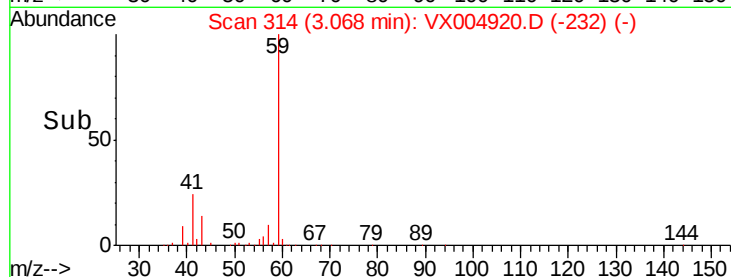
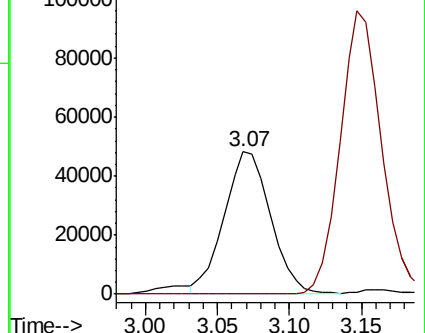
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.396 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004920.D

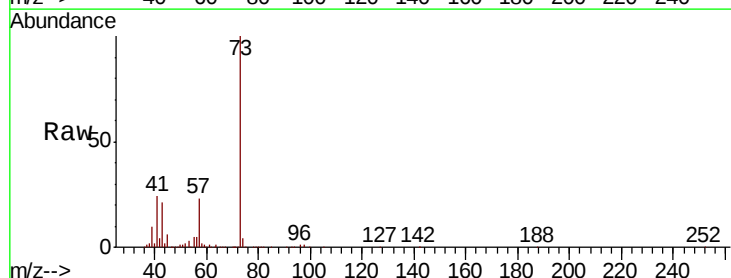
Acq: 02 Oct 2018 15:39

Tgt Ion: 73 Resp: 204834

Ion Ratio Lower Upper

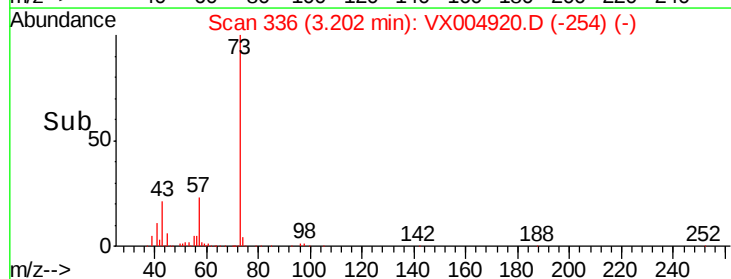
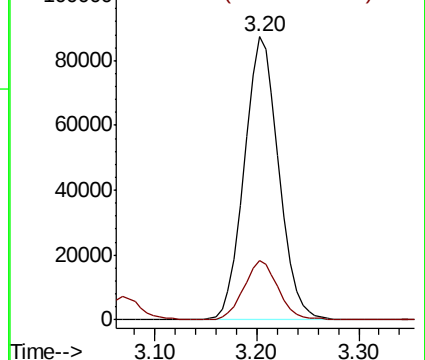
73 100

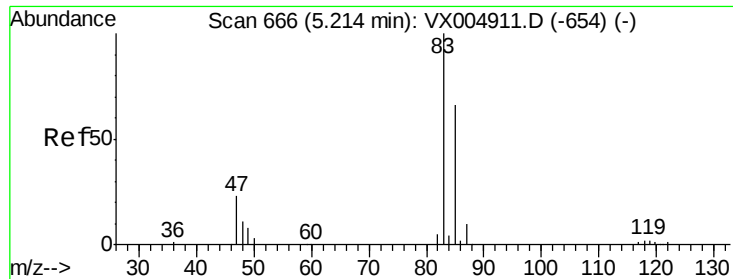
43 20.3 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

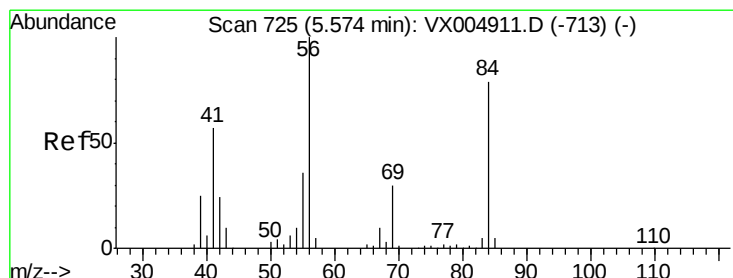
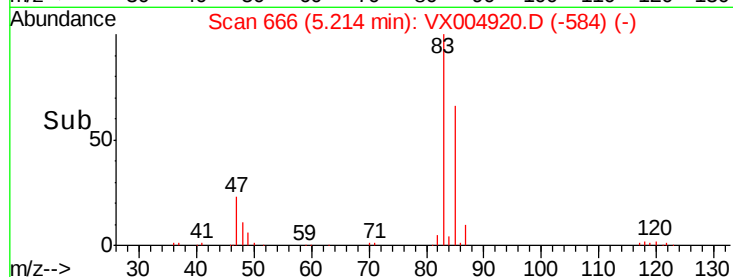
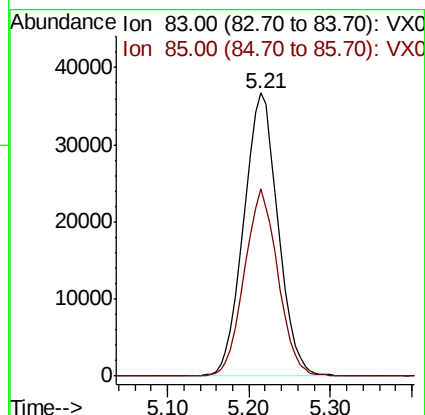
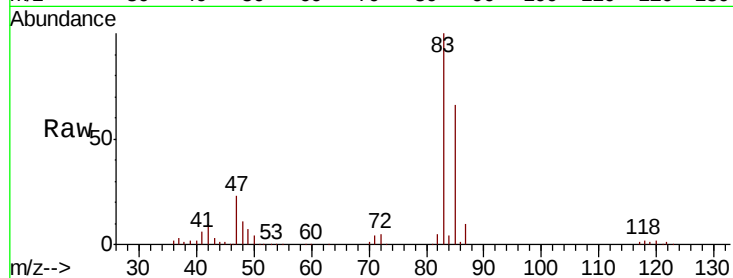




#25
Chloroform
Concen: 19.082 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

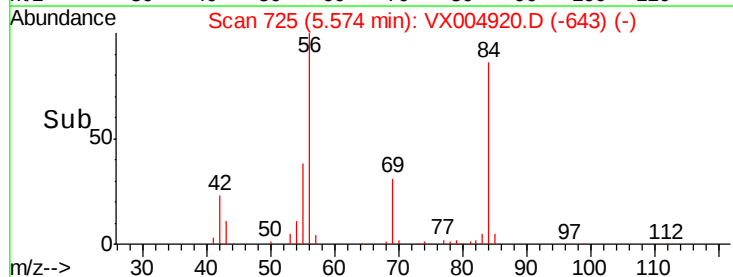
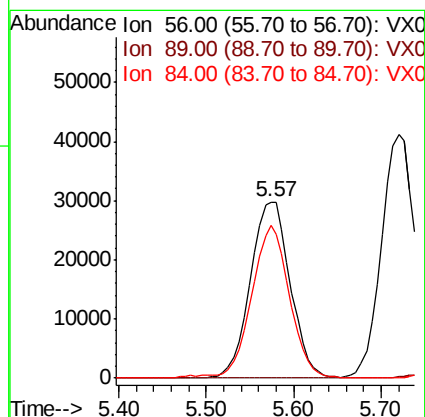
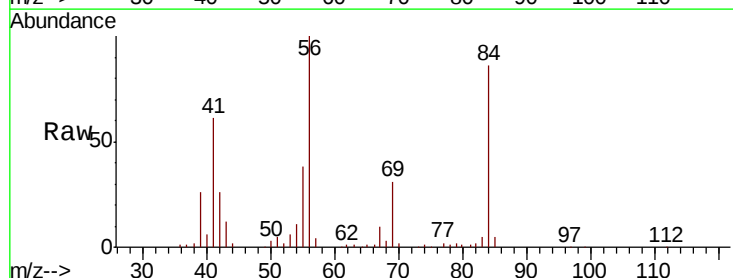
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

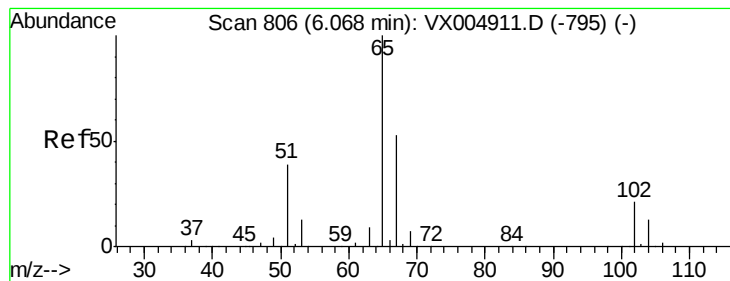
Tot Ion: 83 Resp: 107810
Ion Ratio Lower Upper
83 100
85 66.1 53.1 79.7



#26
Cyclohexane
Concen: 18.262 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 56 Resp: 94080
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.8 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 29.651 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

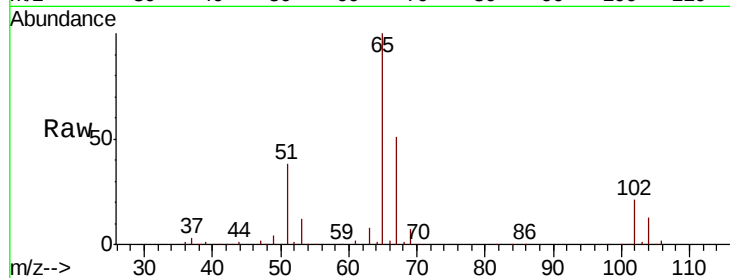
VSTDCCC020EC

Tot Ion: 65 Resp: 113153

Ion Ratio Lower Upper

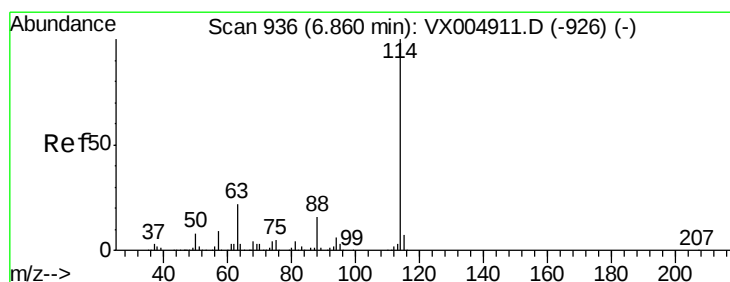
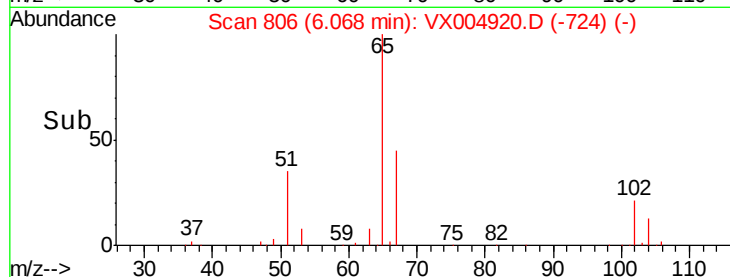
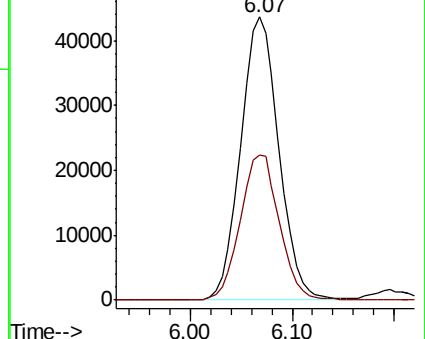
65 100

67 52.7 43.0 64.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

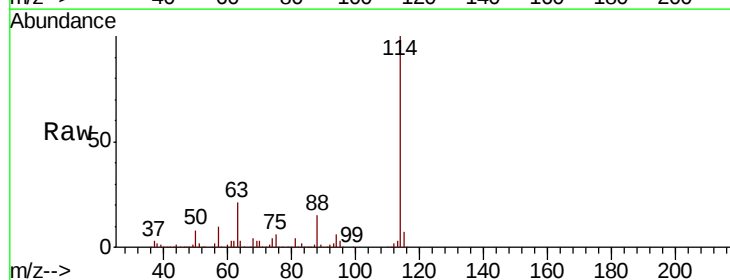
Tgt Ion: 114 Resp: 266638

Ion Ratio Lower Upper

114 100

63 21.1 16.6 24.8

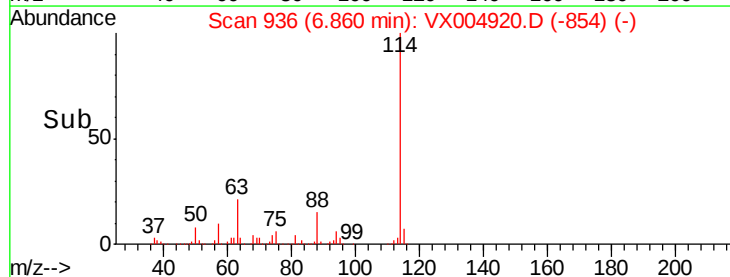
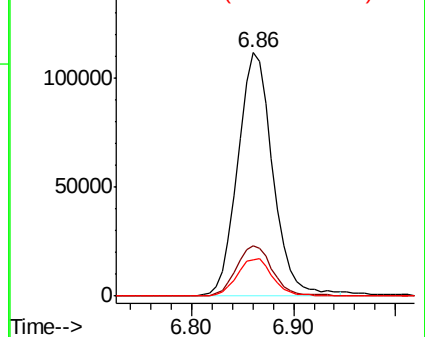
88 15.9 12.4 18.6

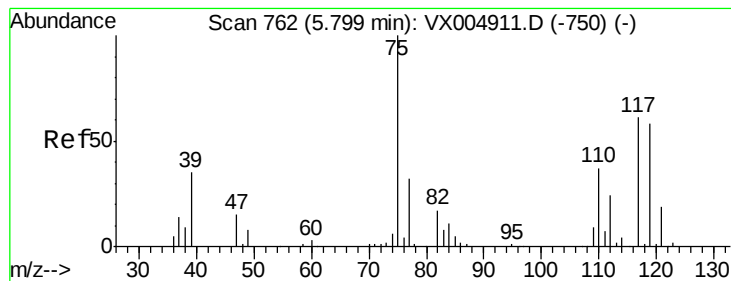


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.409 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

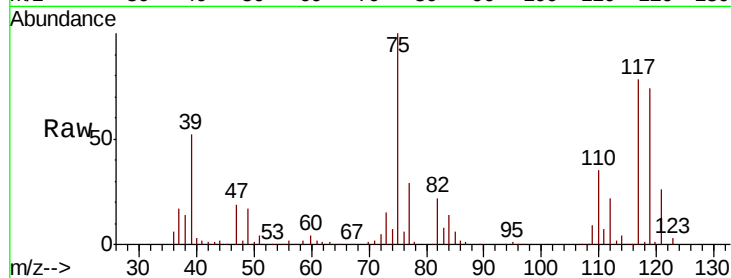
Tot Ion: 75 Resp: 76583

Ion Ratio Lower Upper

75 100

110 35.9 0.0 70.8

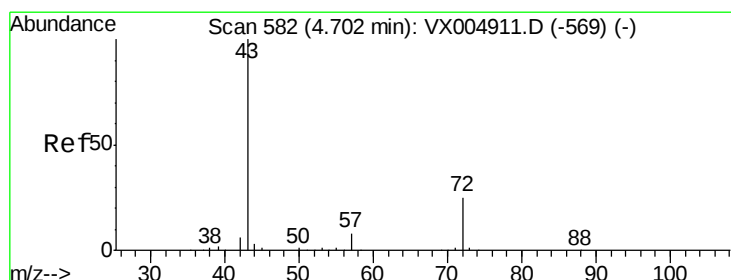
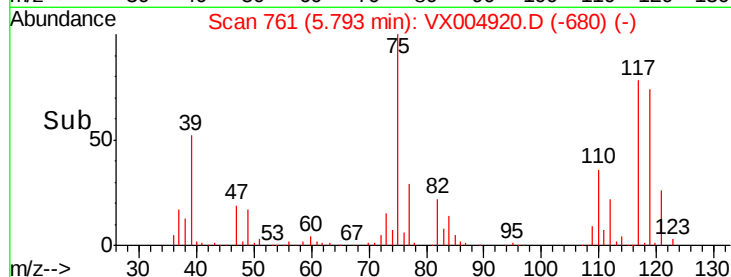
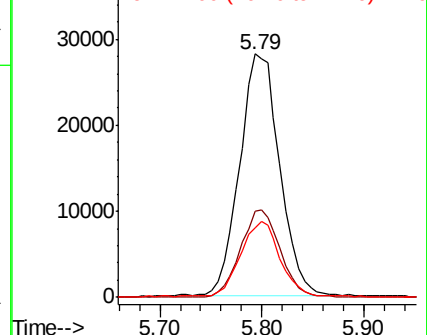
77 31.3 0.0 63.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 101.840 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

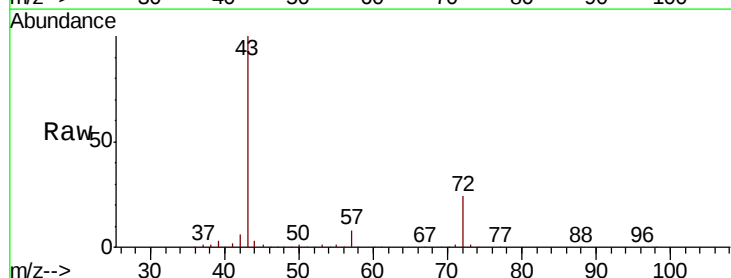
Tgt Ion: 43 Resp: 326695

Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

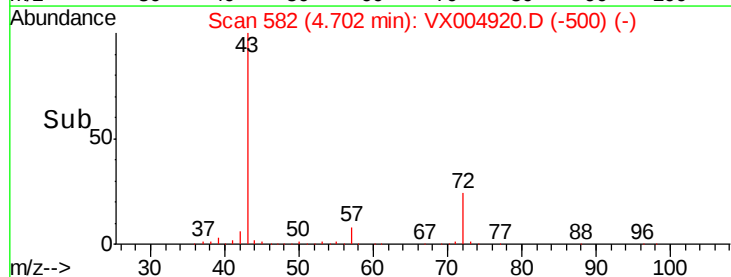
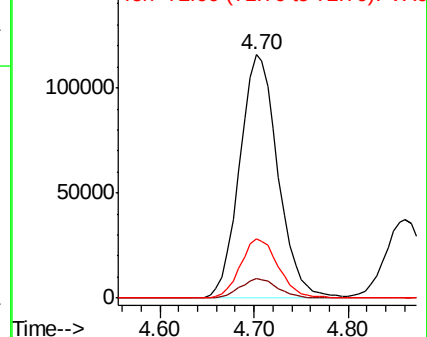
72 24.3 19.7 29.5

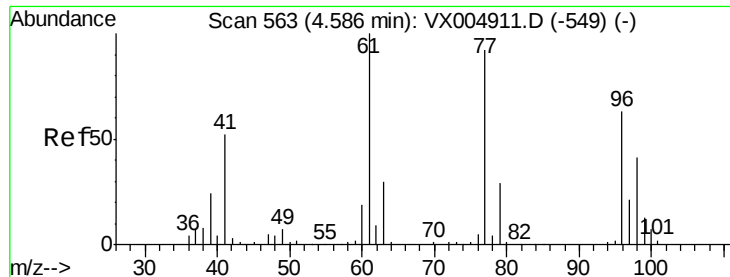


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

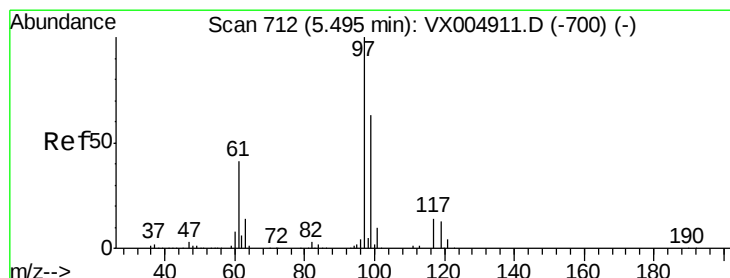
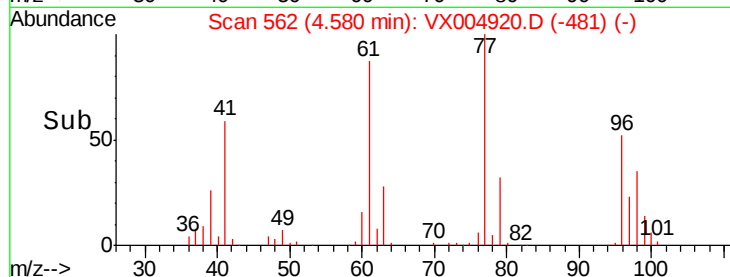
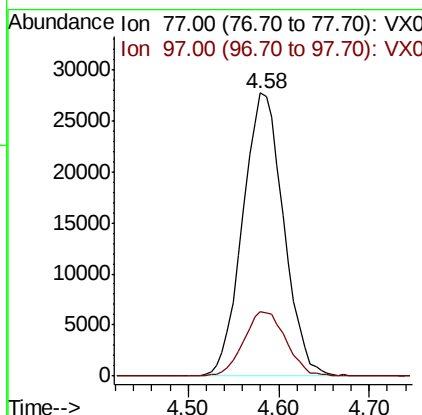
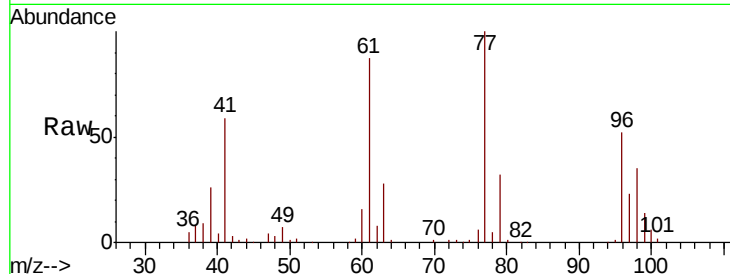




#31
 2,2-Dichloropropane
 Concen: 19.967 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

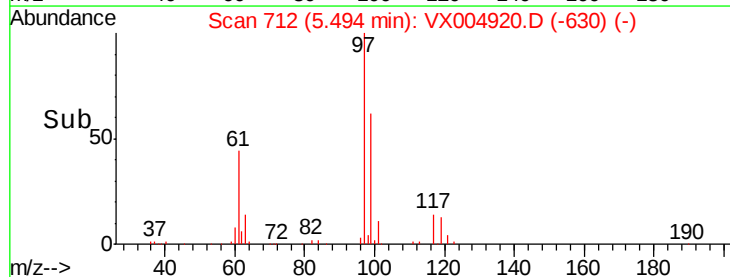
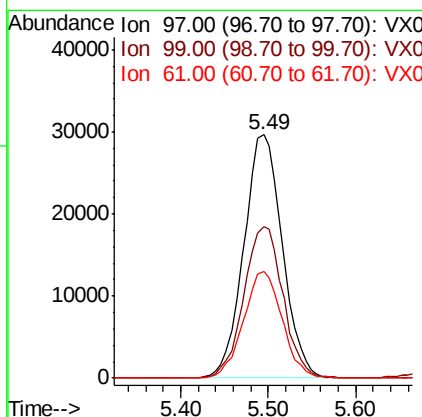
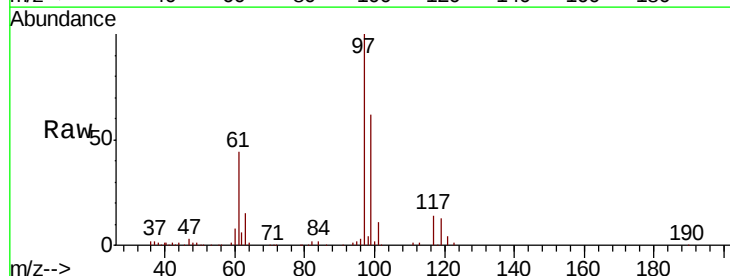
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

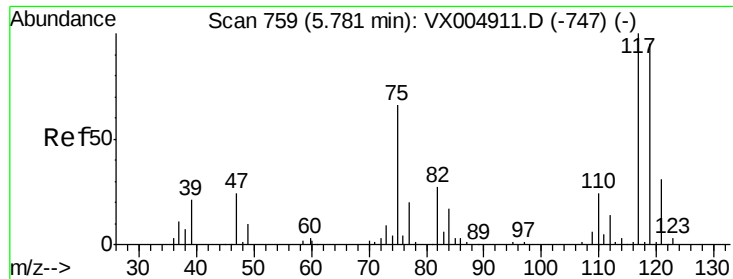
Tot Ion: 77 Resp: 86439
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.5 27.7



#32
 1,1,1-Trichloroethane
 Concen: 20.047 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 97 Resp: 90926
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.0 76.6
 61 43.9 35.8 53.6

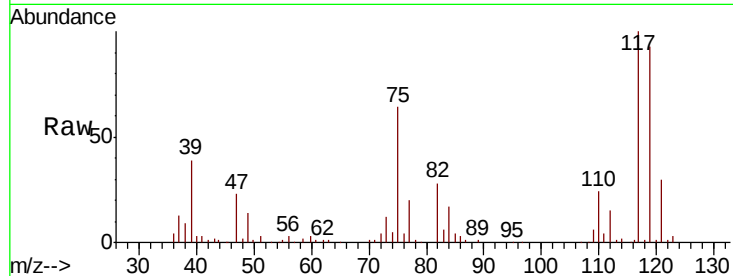




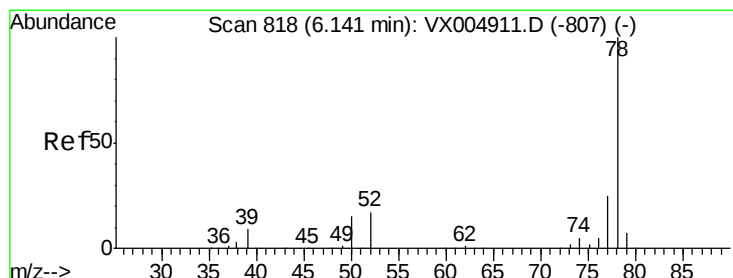
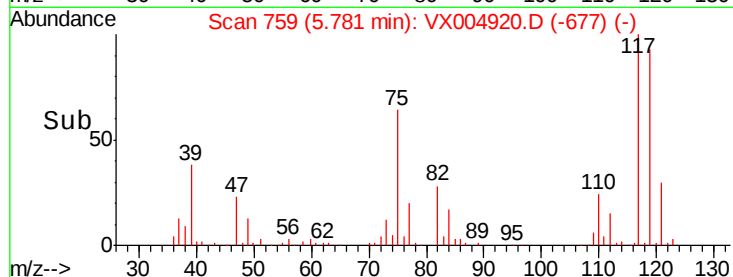
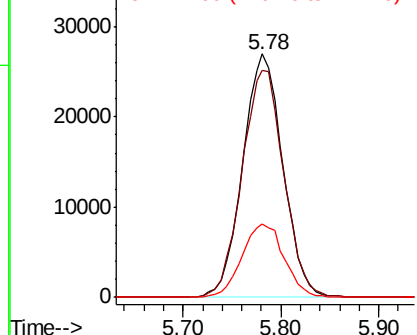
#33
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 76814
Ion Ratio Lower Upper
117 100
119 93.4 76.2 114.4
121 30.3 25.2 37.8

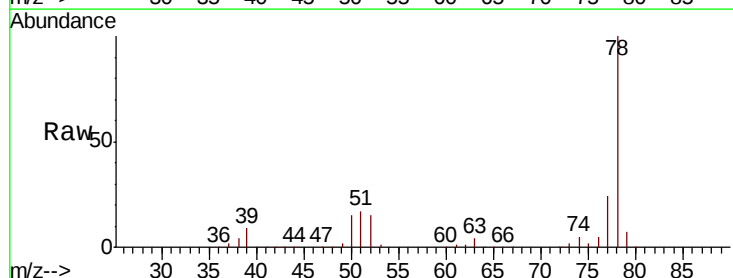


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

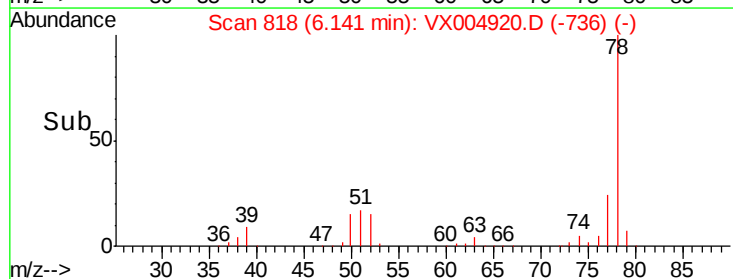
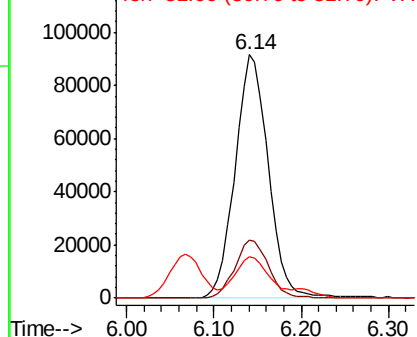


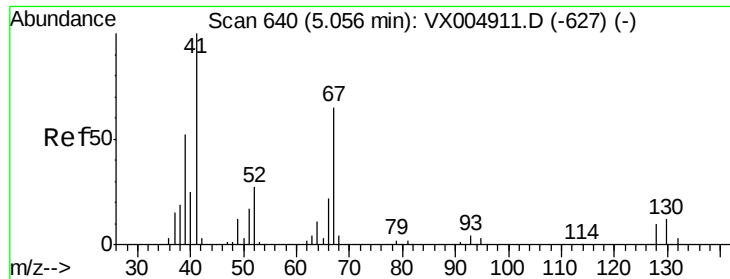
#34
Benzene
Concen: 20.176 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 78 Resp: 241573
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.8
51 16.8 13.8 20.6



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

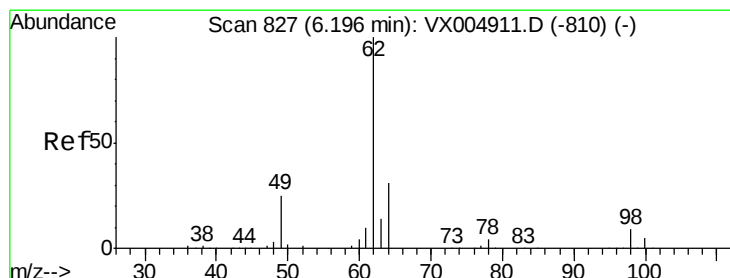
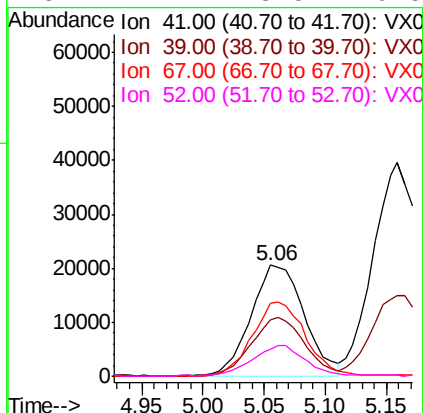
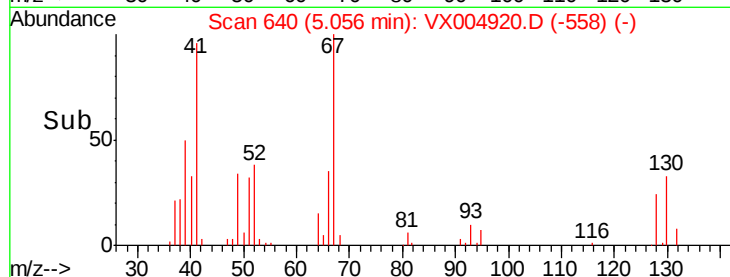
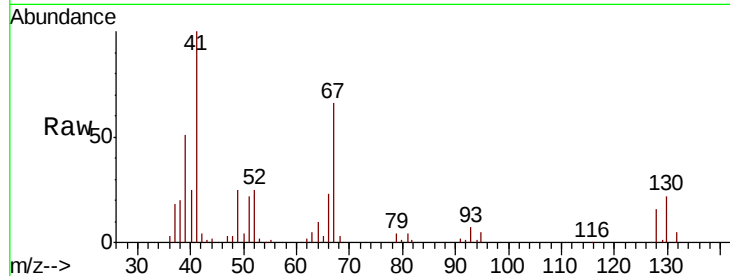




#35
Methacrylonitrile
Concen: 20.837 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

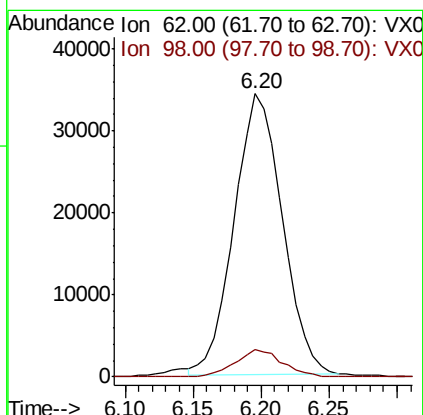
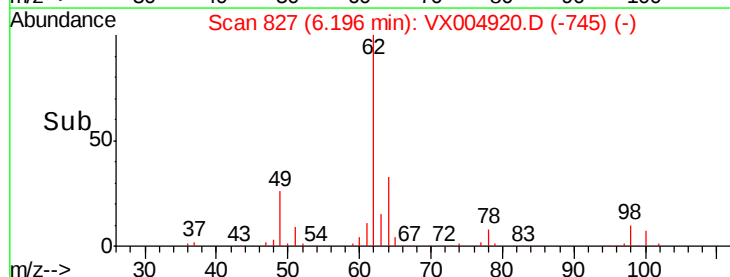
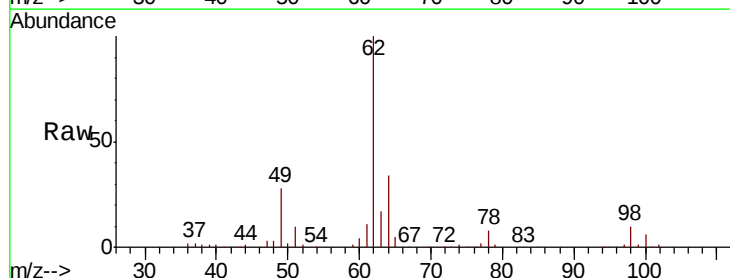
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

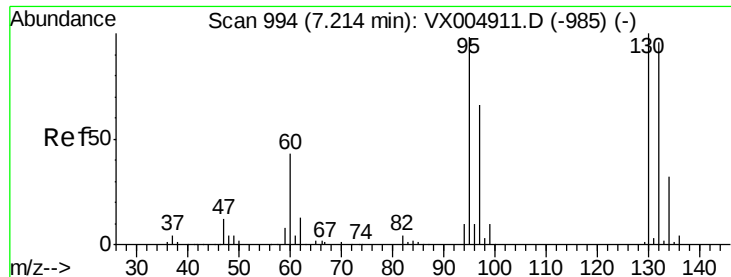
Tot Ion:	41	Resp:	62119
Ion	Ratio	Lower	Upper
41	100		
39	50.3	26.1	78.3
67	66.2	32.3	96.9
52	24.2	13.5	40.5



#36
1,2-Dichloroethane
Concen: 19.785 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion:	62	Resp:	85342
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.5	11.3

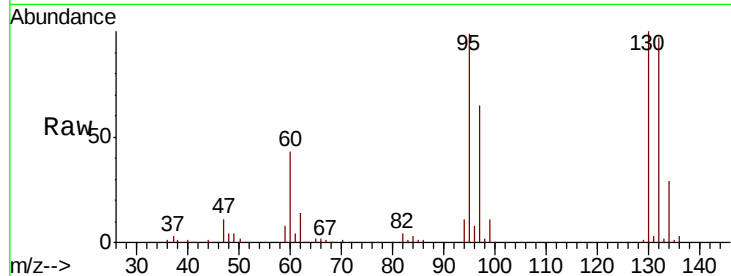




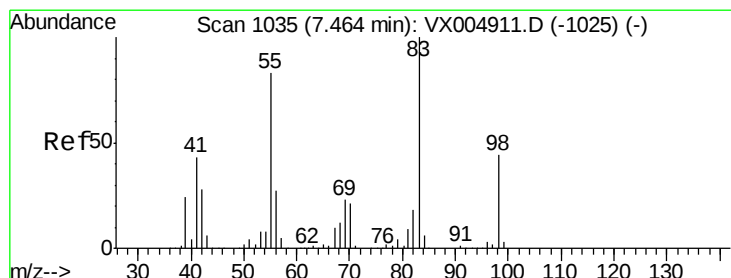
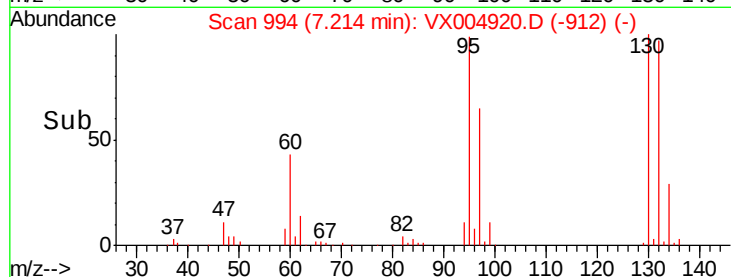
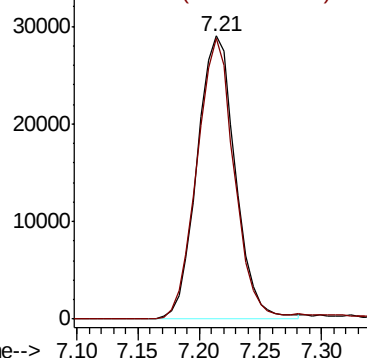
#37
 Trichloroethene
 Concen: 19.982 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 63020
 Ion Ratio Lower Upper
 130 100
 95 99.4 78.5 117.7

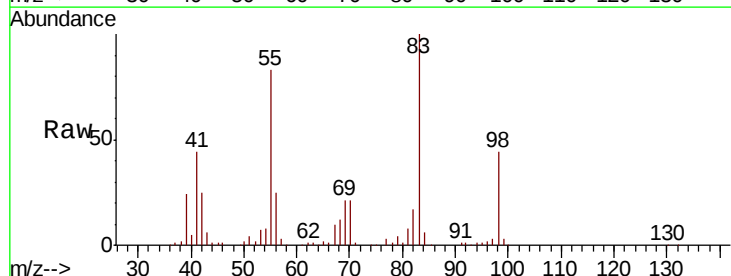


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

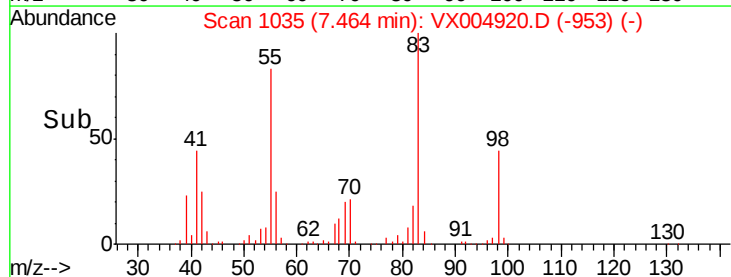
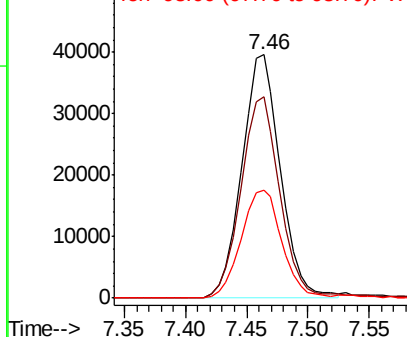


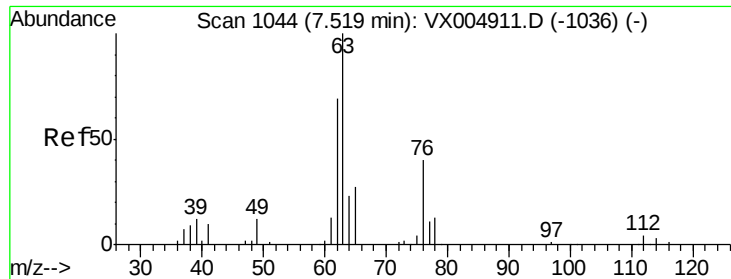
#38
 Methylcyclohexane
 Concen: 18.503 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 83 Resp: 86676
 Ion Ratio Lower Upper
 83 100
 55 83.1 41.8 125.3
 98 46.8 22.4 67.3



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

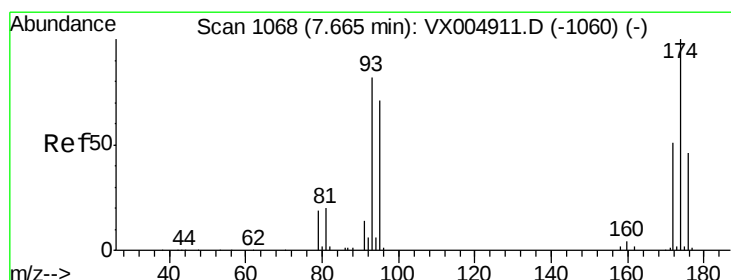
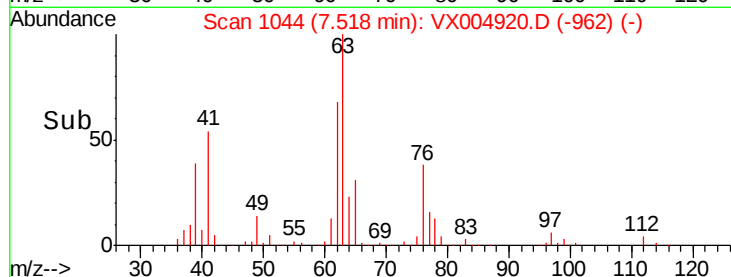
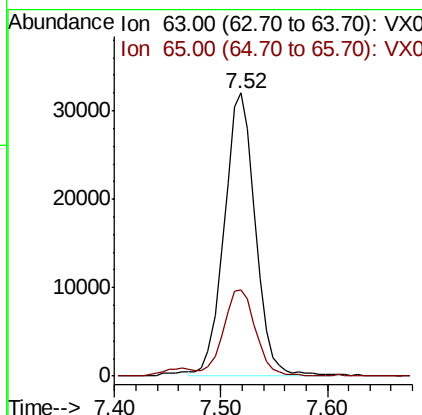
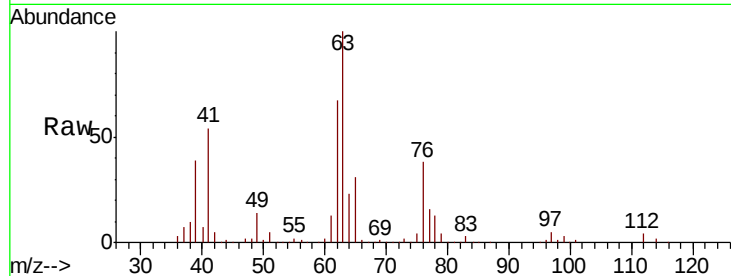




#39
 1,2-Dichloropropane
 Concen: 20.552 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

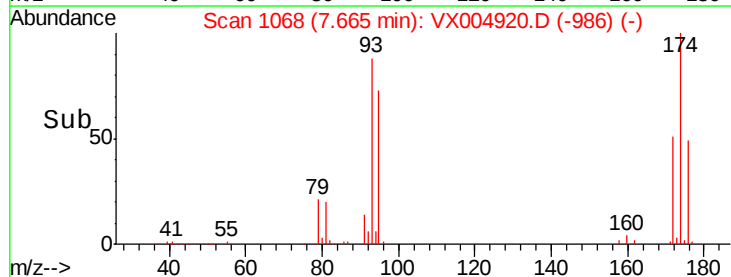
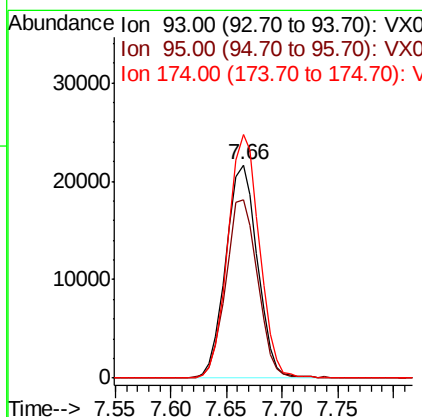
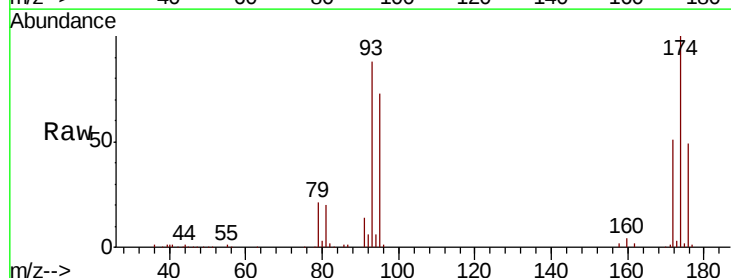
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

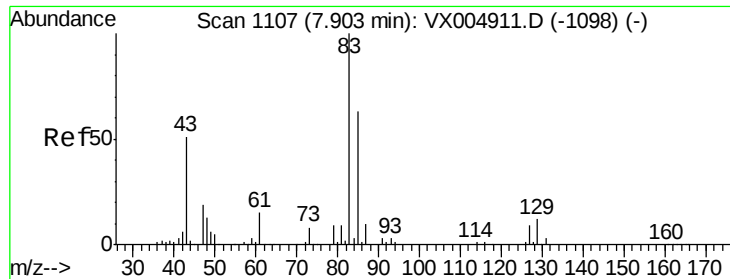
Tot Ion: 63 Resp: 65566
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.2 34.8



#40
 Dibromomethane
 Concen: 20.660 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 93 Resp: 42720
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 172.4
 174 113.9 0.0 234.0





#41

Bromodichloromethane

Concen: 19.990 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

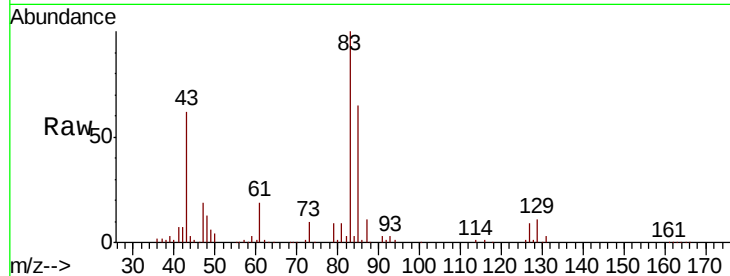
Tot Ion: 83 Resp: 79683

Ion Ratio Lower Upper

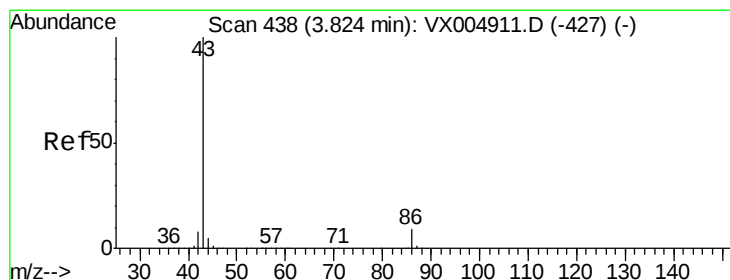
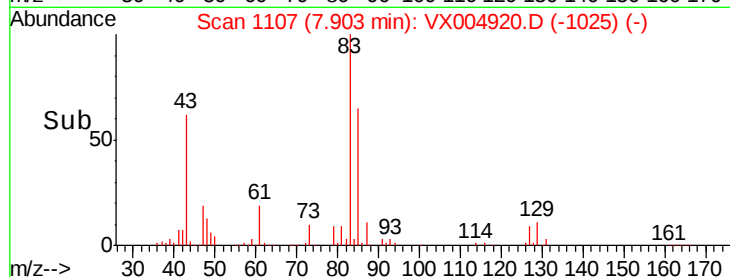
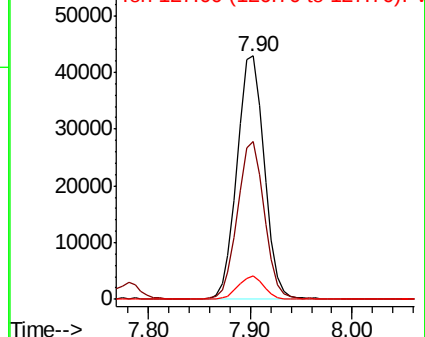
83 100

85 64.6 50.2 75.4

127 9.4 6.9 10.3



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: 105.301 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004920.D

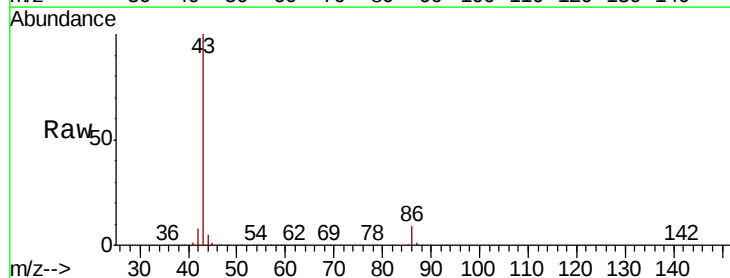
Acq: 02 Oct 2018 15:39

Tgt Ion: 43 Resp: 977283

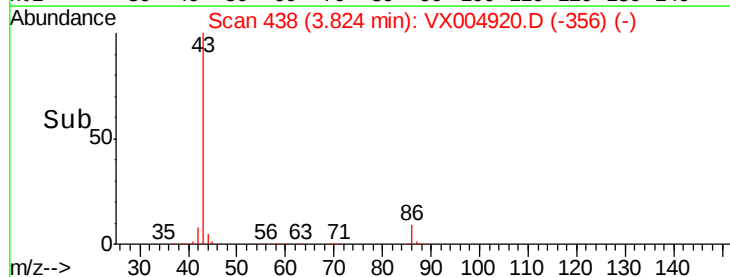
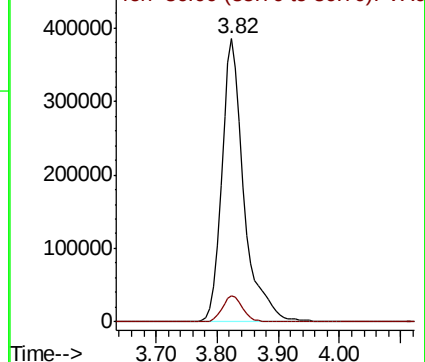
Ion Ratio Lower Upper

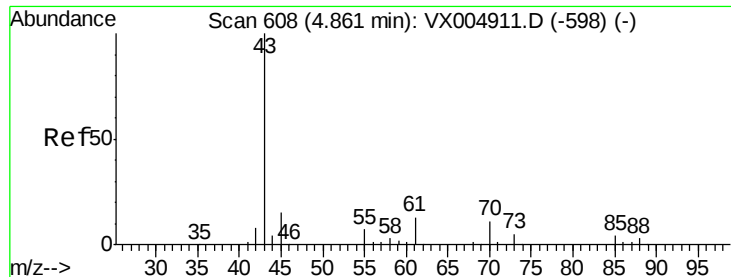
43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

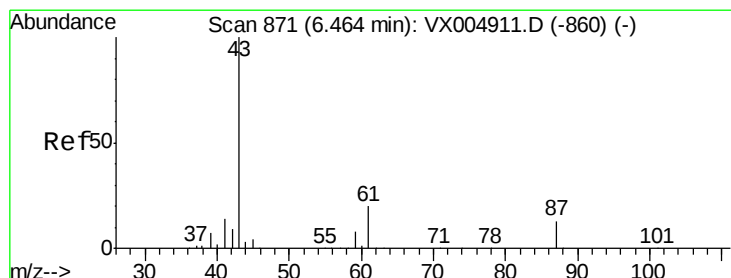
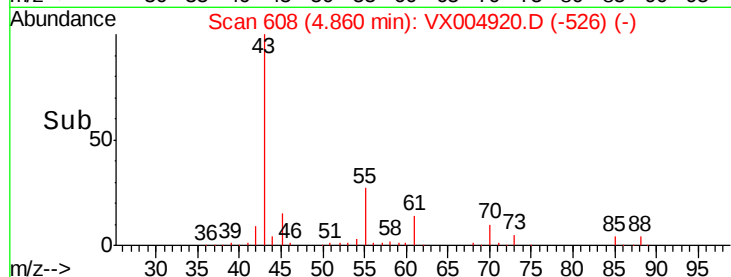
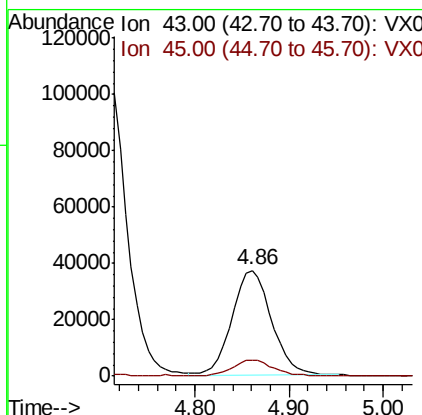
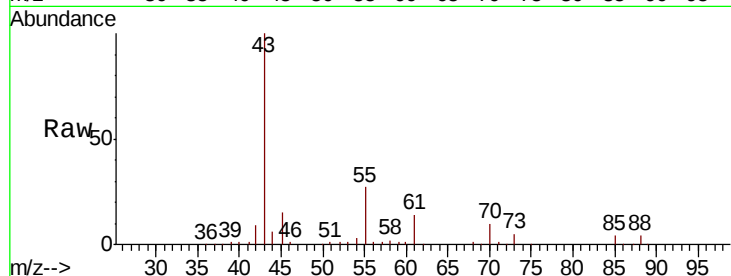




#43
Ethyl Acetate
Concen: 20.434 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

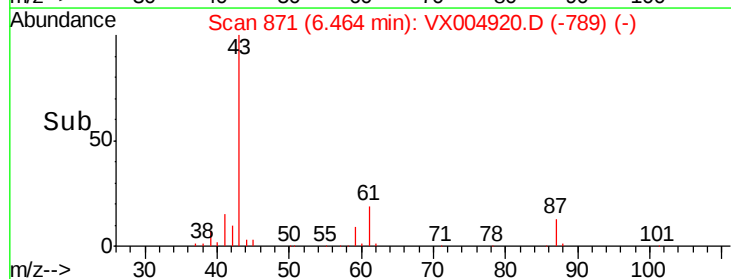
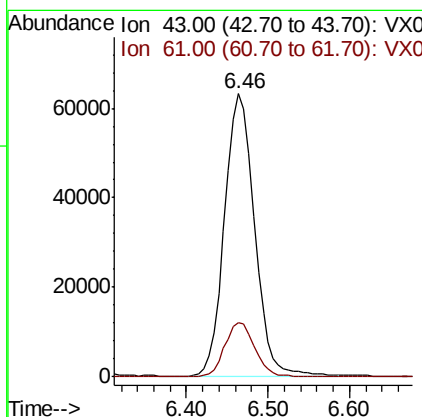
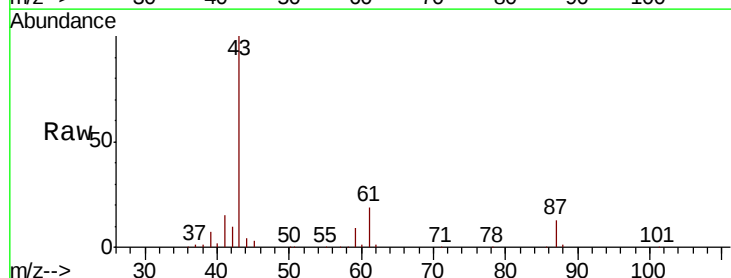
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

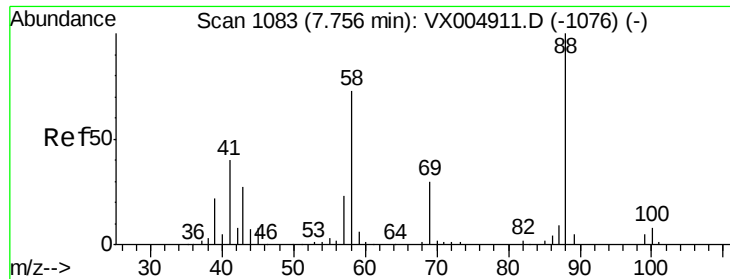
Tot Ion: 43 Resp: 108132
Ion Ratio Lower Upper
43 100
45 15.2 12.3 18.5



#44
Isopropyl Acetate
Concen: 20.345 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 43 Resp: 160662
Ion Ratio Lower Upper
43 100
61 19.5 15.7 23.5

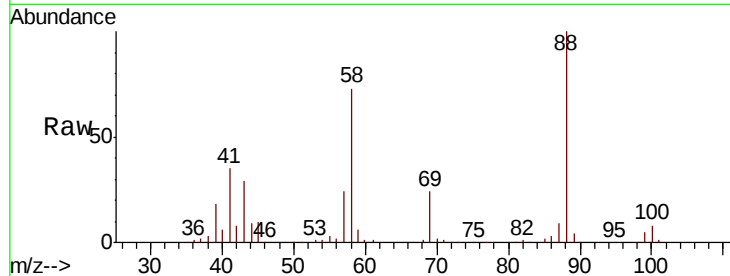




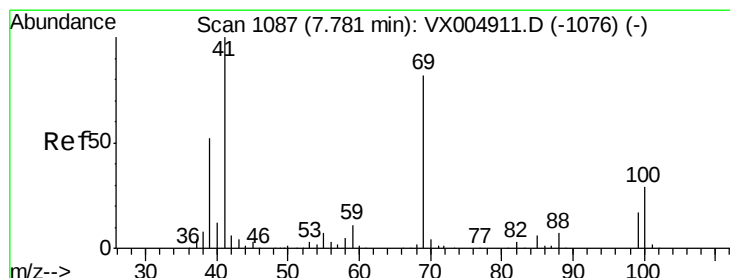
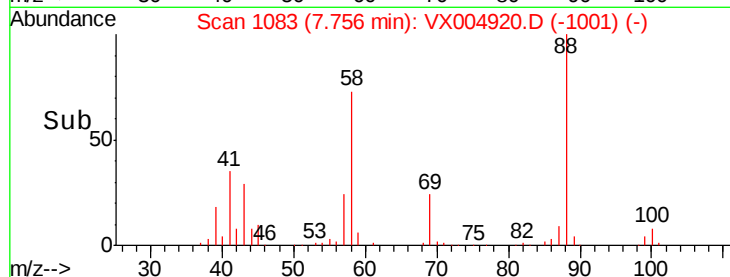
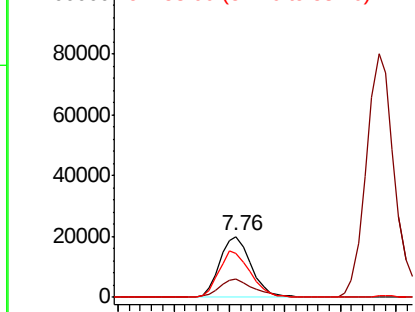
#45
 1,4-Dioxane
 Concen: 424.015 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 39449
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.4 38.0
 58 75.3 61.0 91.6

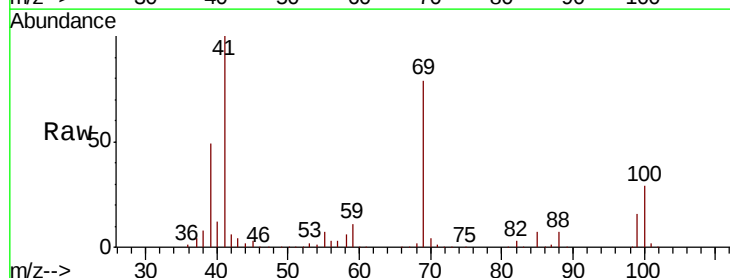


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

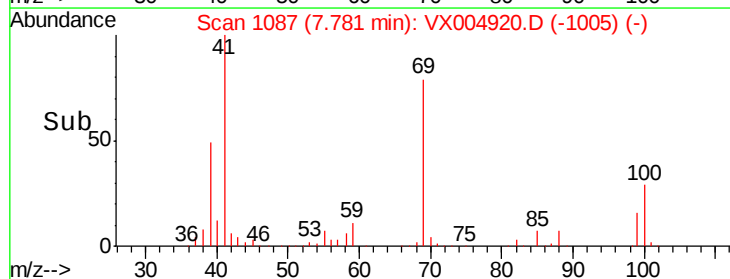
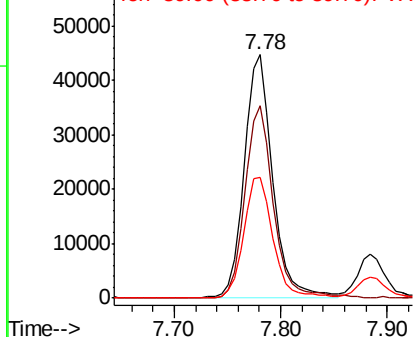


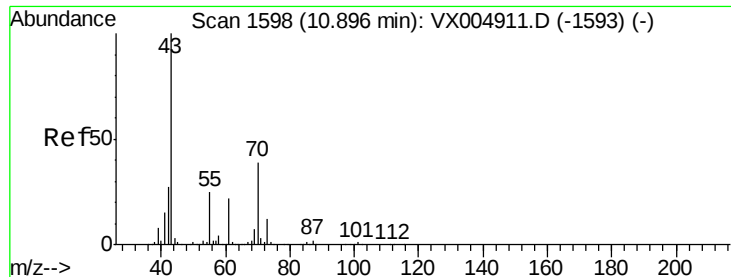
#46
 Methyl methacrylate
 Concen: 20.413 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 41 Resp: 83633
 Ion Ratio Lower Upper
 41 100
 69 79.1 41.0 123.0
 39 49.2 25.9 77.7



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-amvl Acetate

Concen: 19.012 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

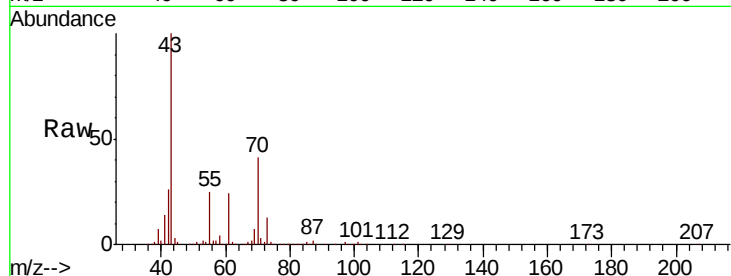
VSTDCCC020EC

Tot Ion: 43 Resp: 138519

Ion Ratio Lower Upper

43 100

55 25.2 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

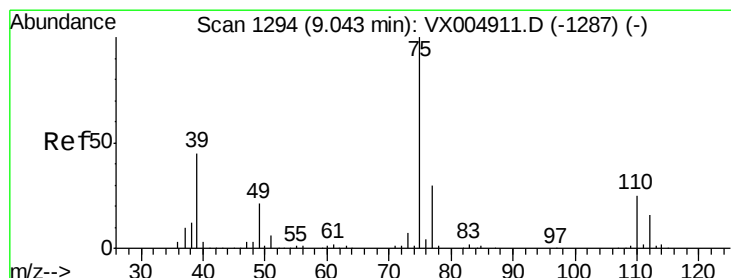
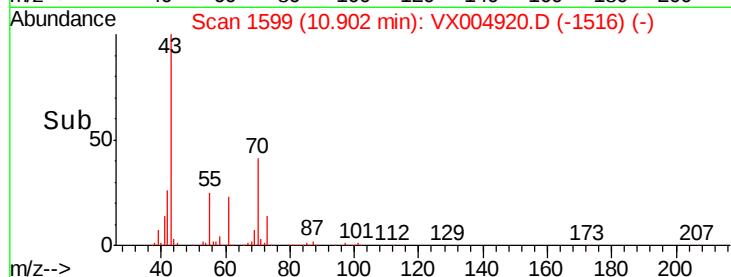
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.510 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004920.D

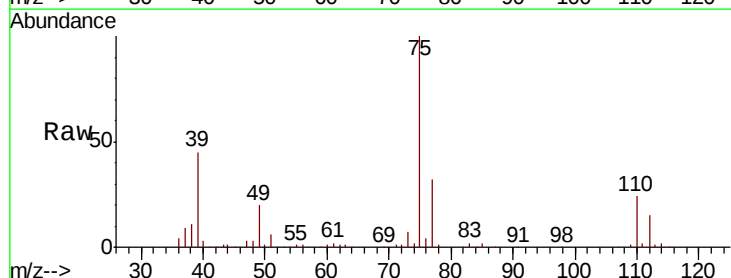
Acq: 02 Oct 2018 15:39

Tgt Ion: 75 Resp: 88970

Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

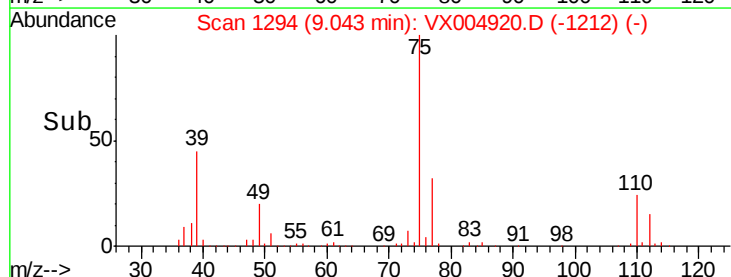
60000

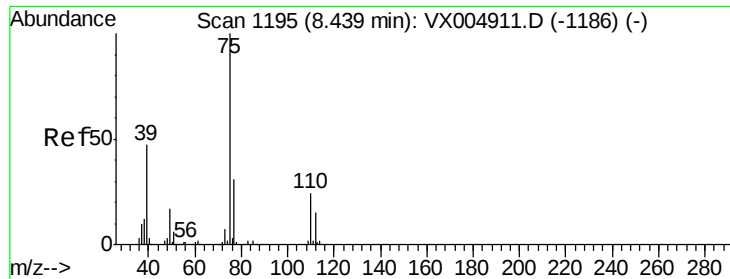
40000

20000

0

Time-->

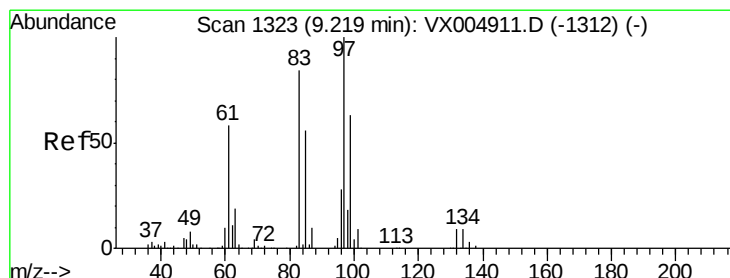
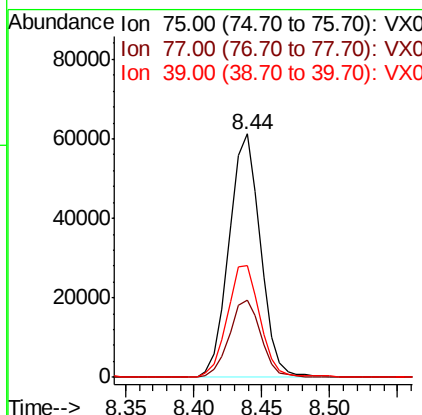
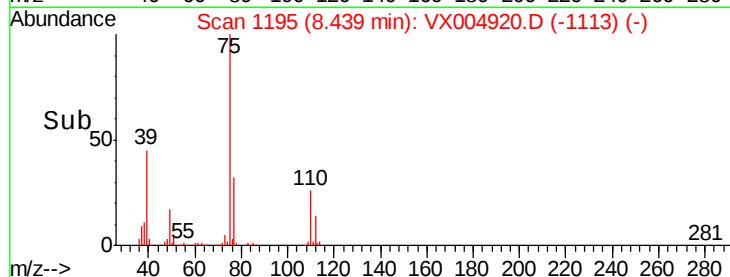
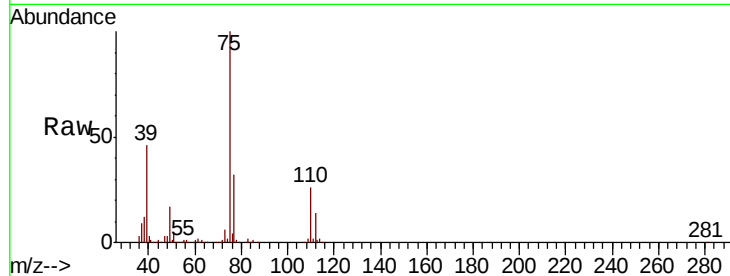




#49
 cis-1,3-Dichloropropene
 Concen: 19.905 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

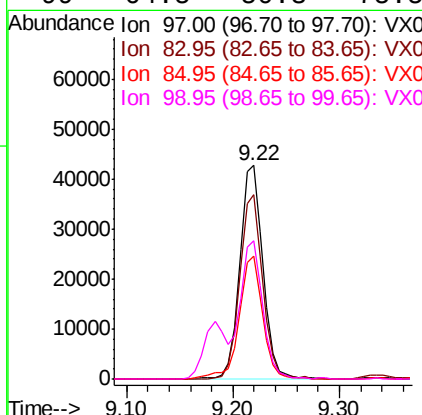
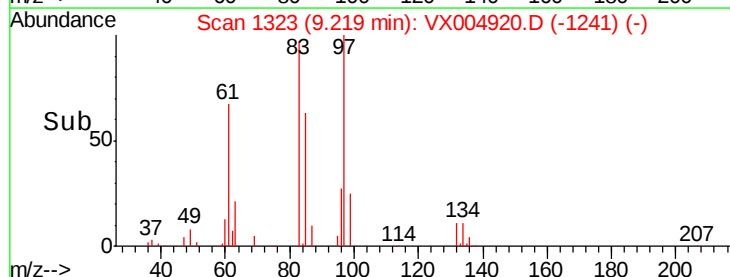
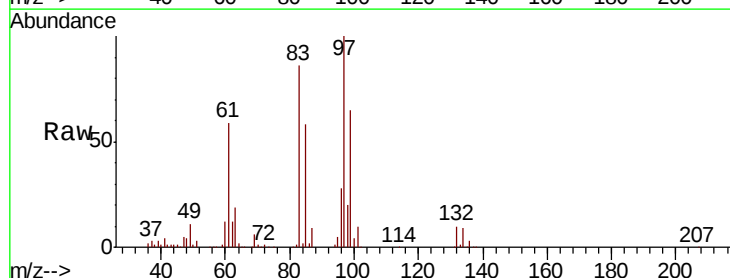
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

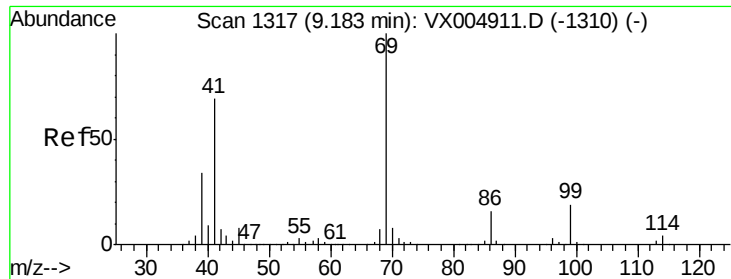
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	45.5	38.0	57.0



#50
 1,1,2-Trichloroethane
 Concen: 20.825 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.2	100.8
85	57.5	44.7	67.1
99	64.5	50.3	75.5

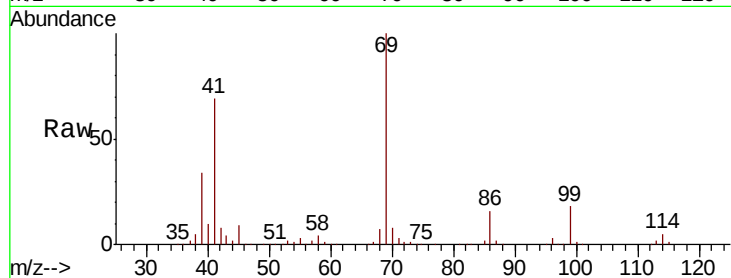




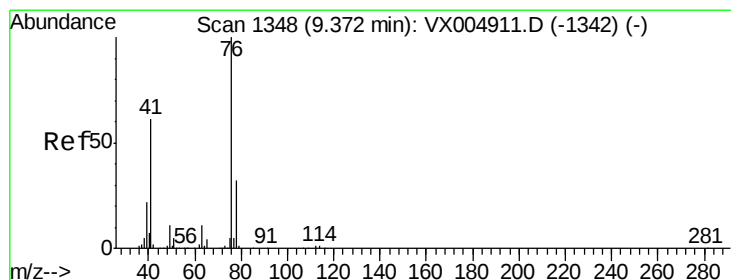
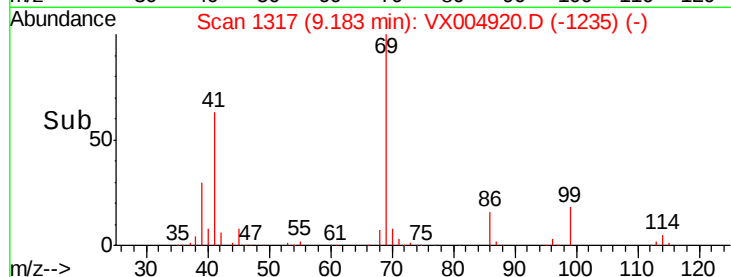
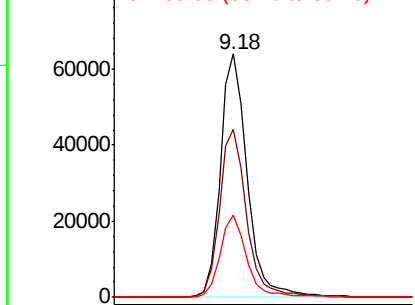
#51
Ethyl methacrylate
Concen: 19.576 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 69 Resp: 97258
Ion Ratio Lower Upper
69 100
41 68.6 34.6 103.9
39 33.4 17.0 51.0

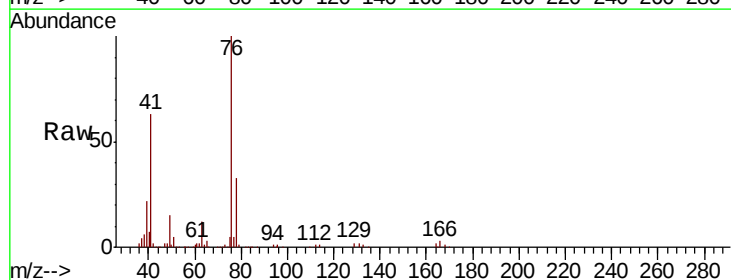


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

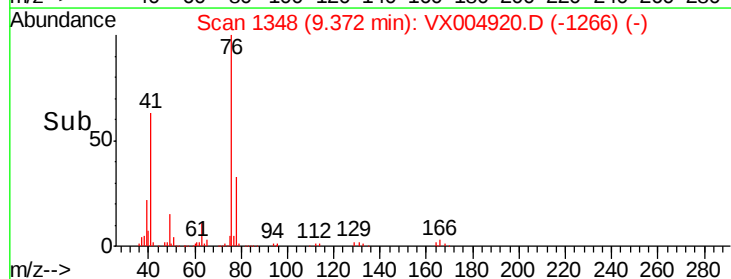
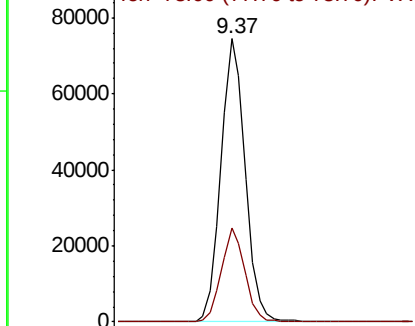


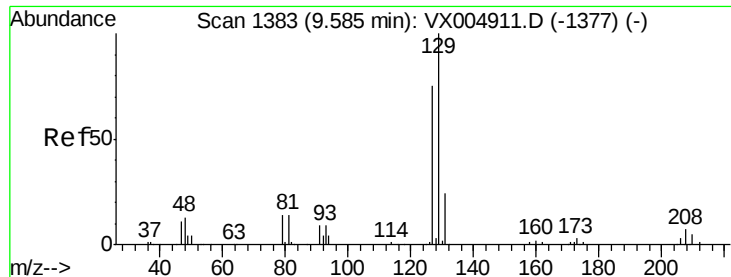
#52
1,3-Dichloropropane
Concen: 20.296 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 76 Resp: 107190
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.566 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

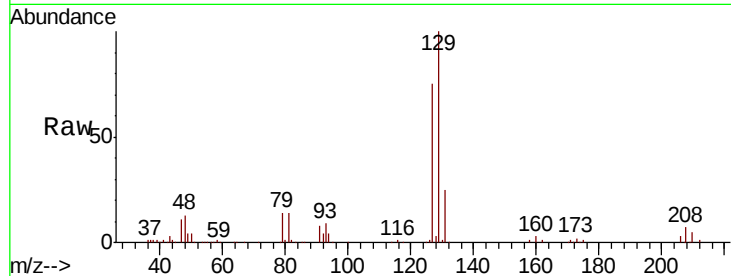
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 63548

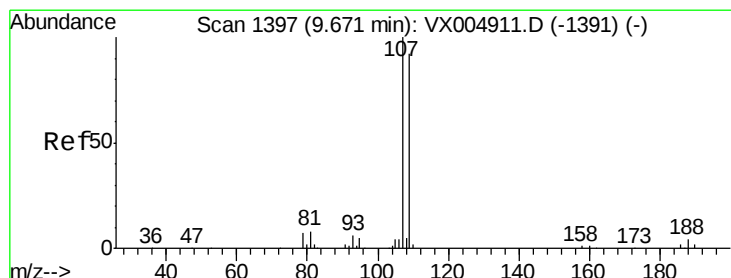
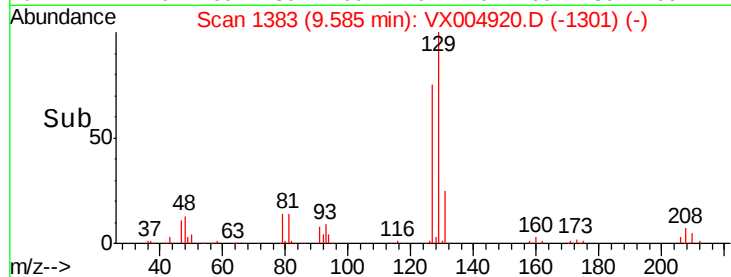
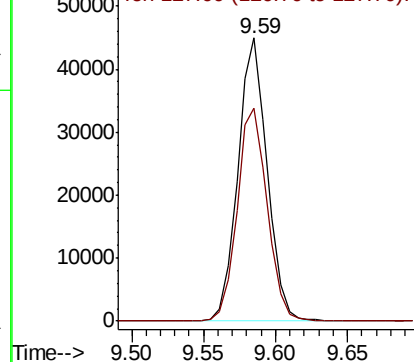
Ion Ratio Lower Upper

129 100

127 77.2 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.305 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004920.D

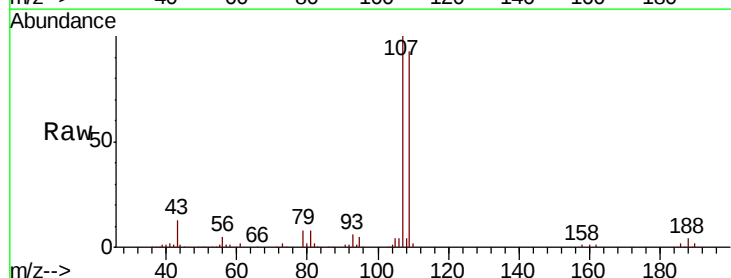
Acq: 02 Oct 2018 15:39

Tgt Ion:107 Resp: 66245

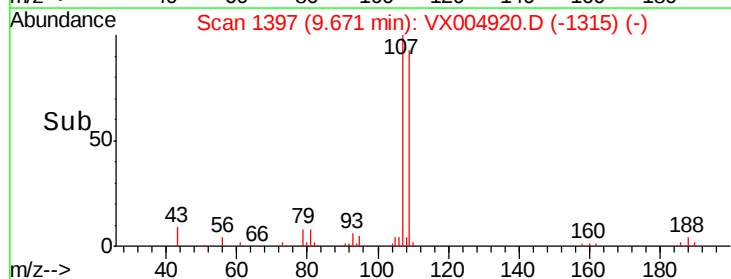
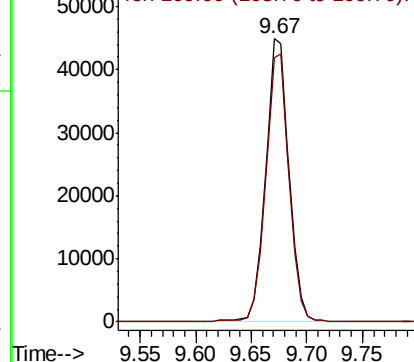
Ion Ratio Lower Upper

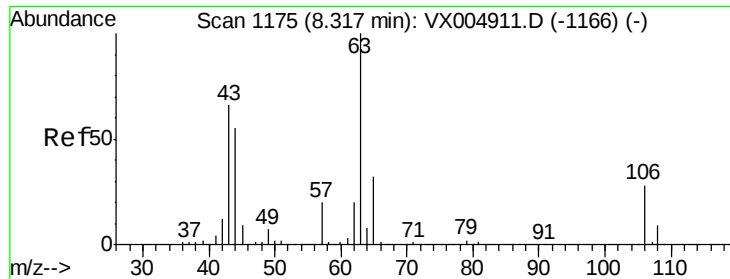
107 100

109 94.0 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

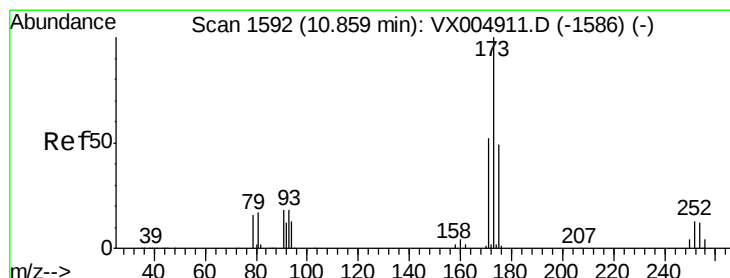
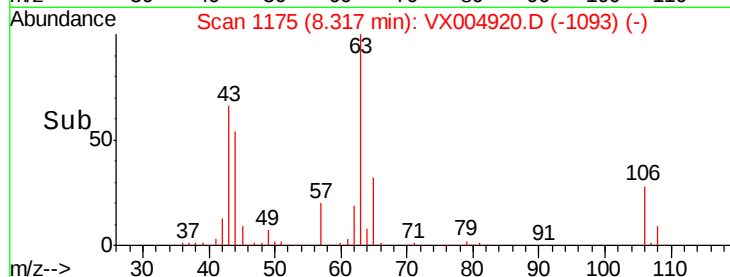
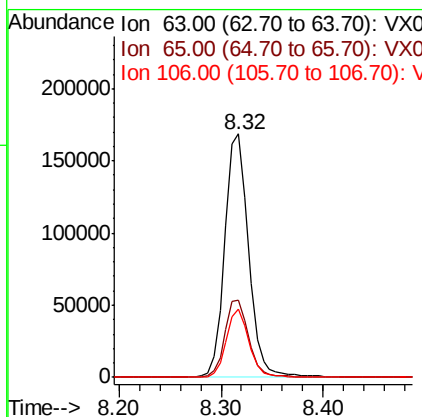
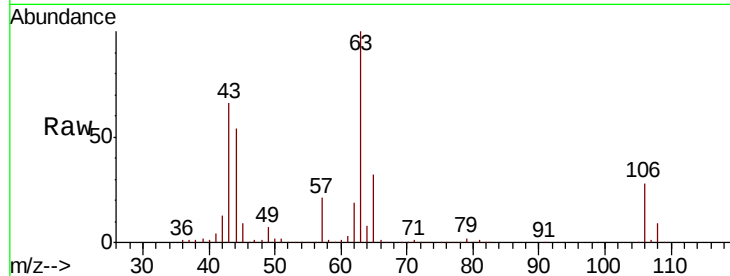




#55
2-Chloroethyl vinyl ether
Concen: 104.465 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

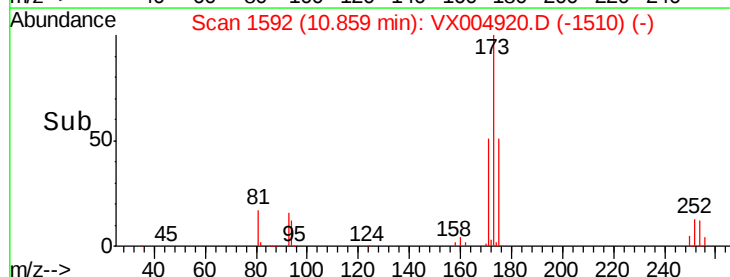
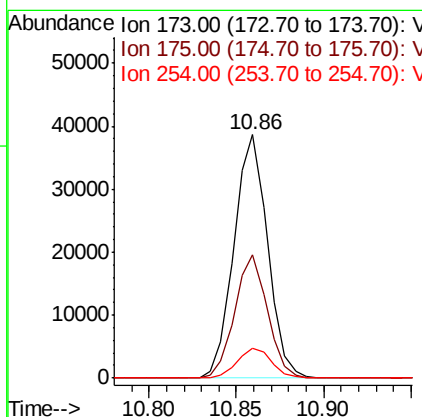
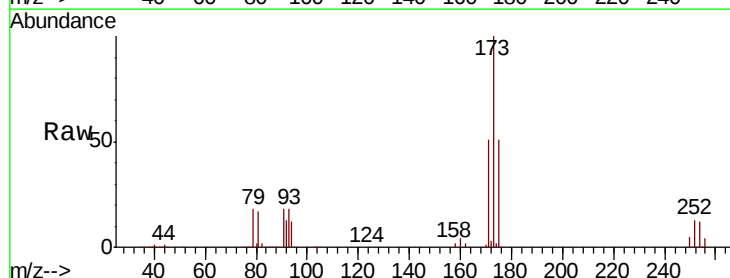
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

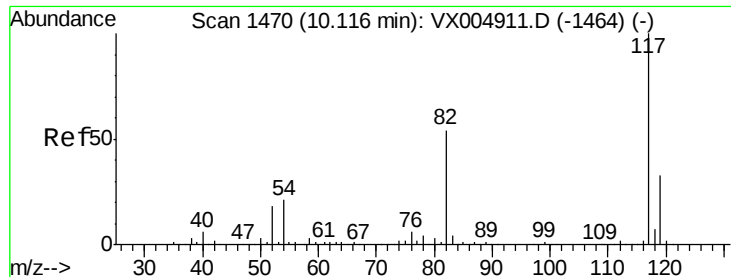
Tot Ion: 63 Resp: 273862
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.7 21.8 32.6



#56
Bromoform
Concen: 19.025 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 173 Resp: 51604
Ion Ratio Lower Upper
173 100
175 49.4 39.7 59.5
254 12.5 9.6 14.4

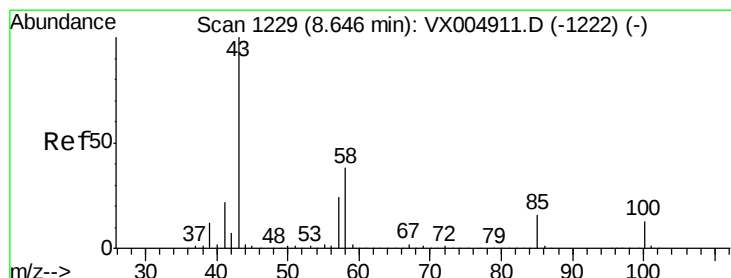
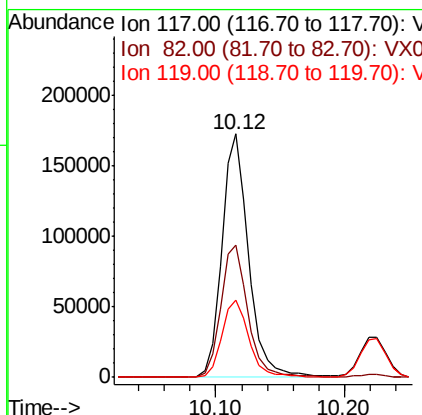
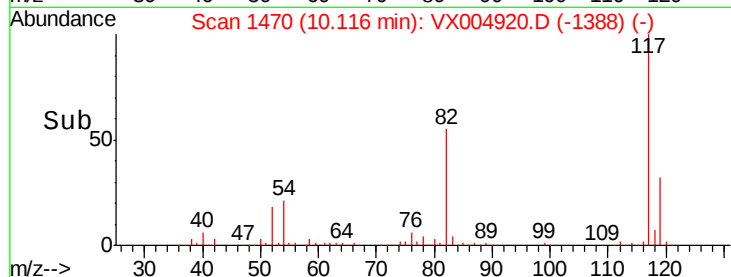
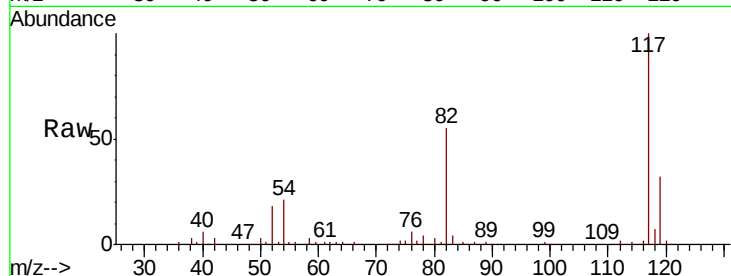




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

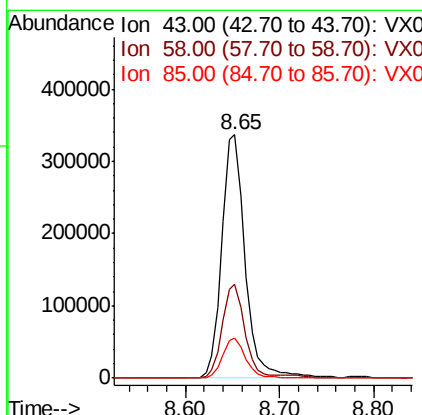
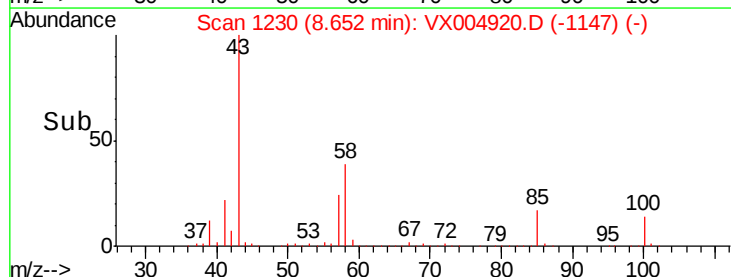
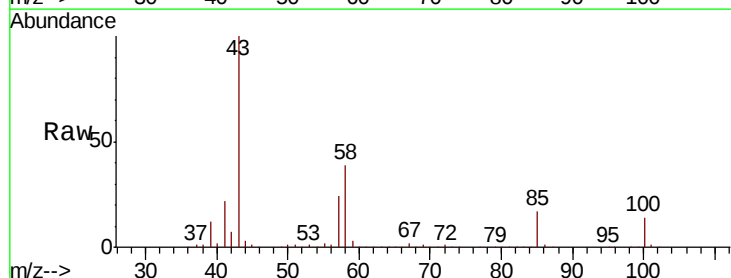
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

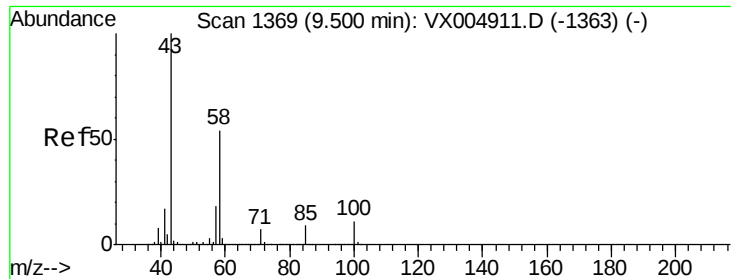
Tot Ion:117 Resp: 250177
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.5 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 103.304 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 43 Resp: 580279
Ion Ratio Lower Upper
43 100
58 37.7 30.8 46.2
85 16.5 13.1 19.7

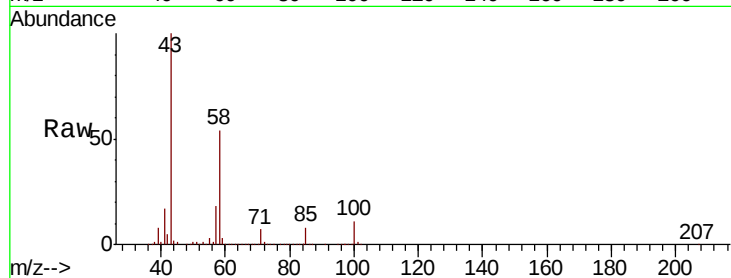




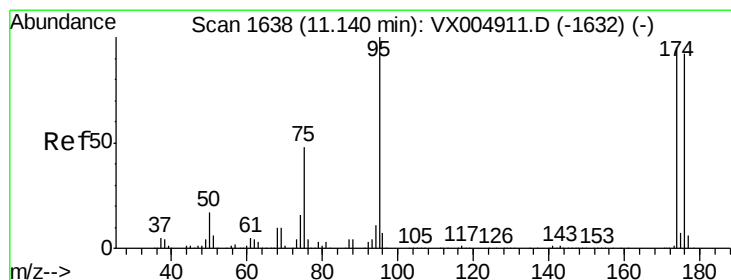
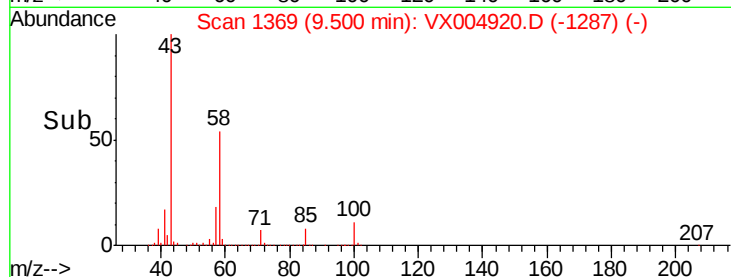
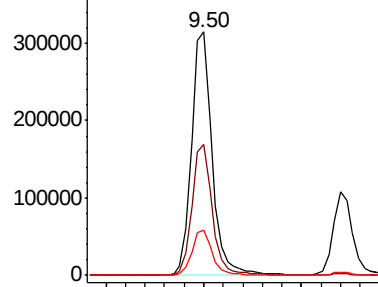
#59
2-Hexanone
Concen: 99.532 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 460631
Ion Ratio Lower Upper
43 100
58 53.0 42.7 64.1
57 18.3 14.6 22.0

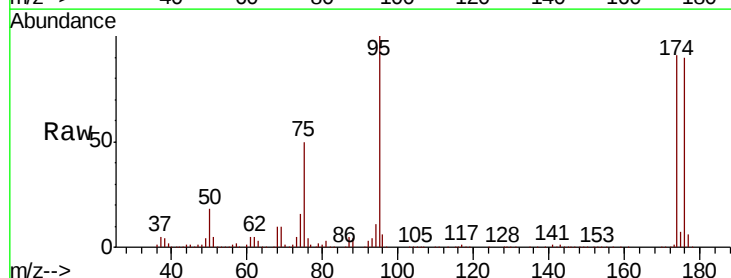


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

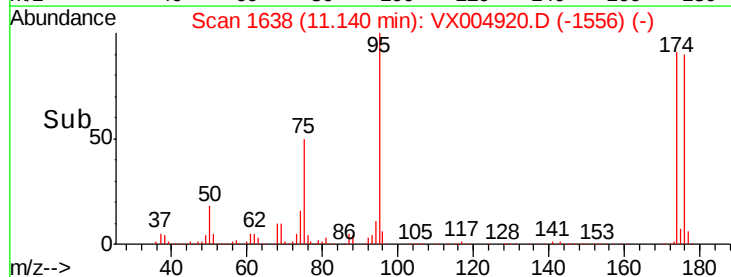
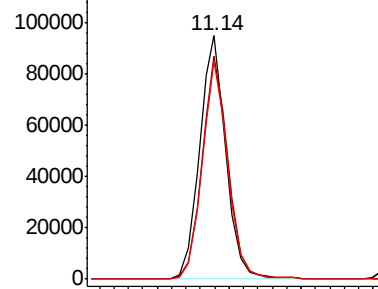


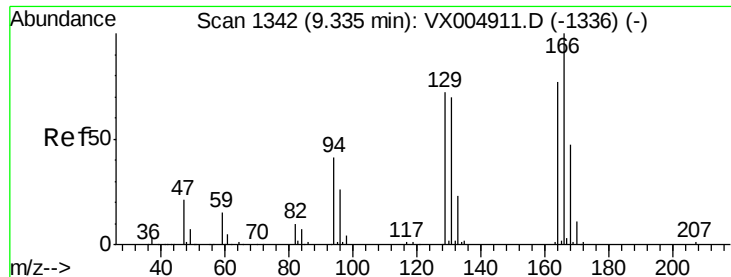
#60
4-Bromofluorobenzene
Concen: 29.254 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 95 Resp: 121651
Ion Ratio Lower Upper
95 100
174 90.2 73.1 109.7
176 87.3 71.0 106.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.228 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 61584

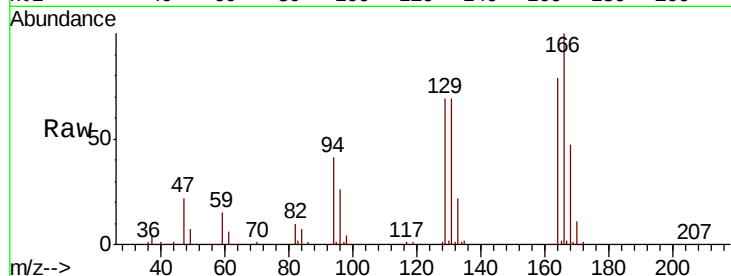
Ion Ratio Lower Upper

164 100

166 127.3 104.0 156.0

129 88.2 75.1 112.7

131 87.2 72.5 108.7

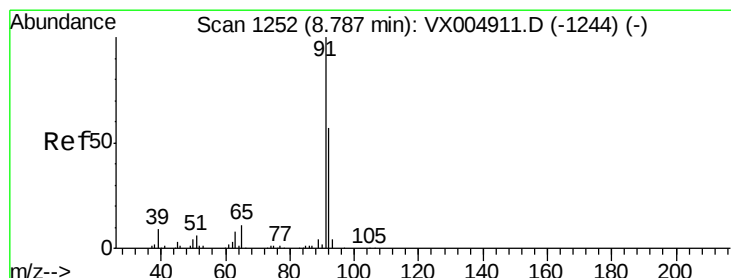
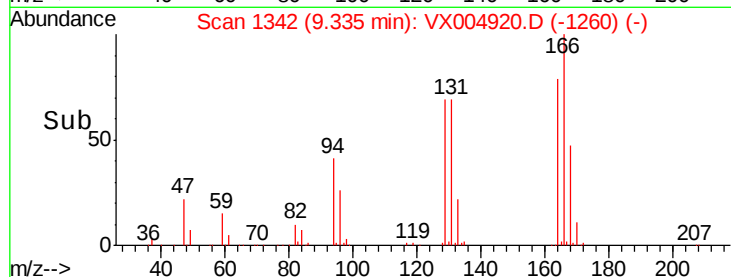
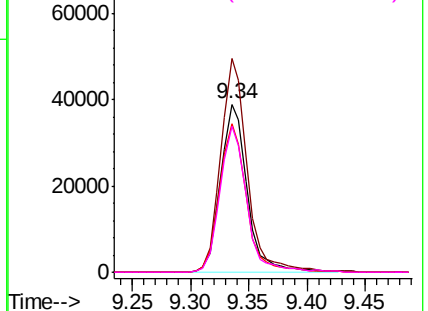


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.014 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004920.D

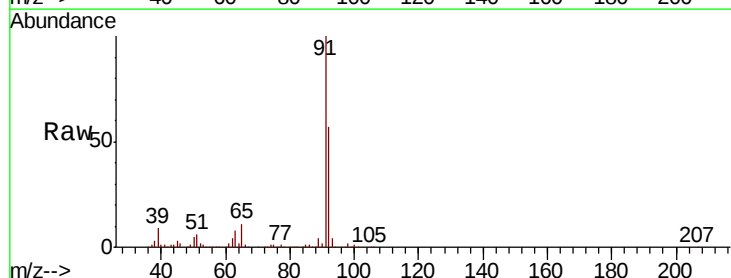
Acq: 02 Oct 2018 15:39

Tgt Ion: 91 Resp: 263146

Ion Ratio Lower Upper

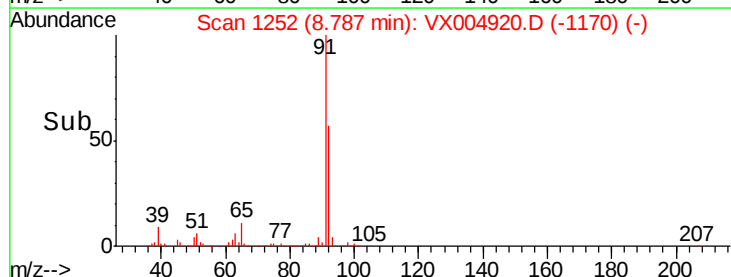
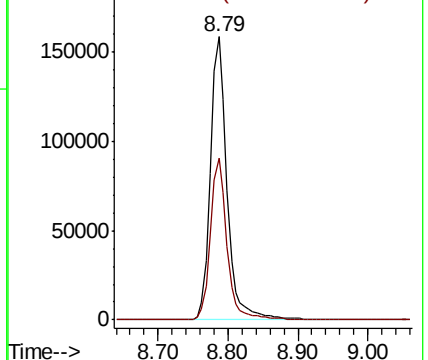
91 100

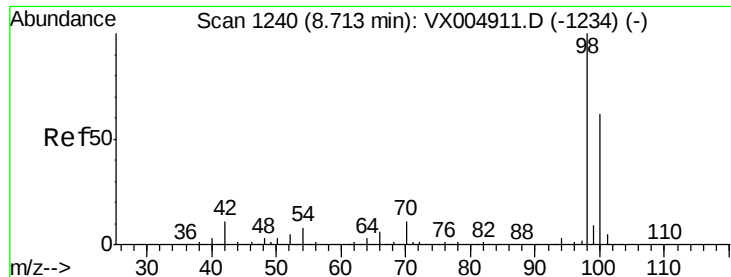
92 56.9 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.508 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

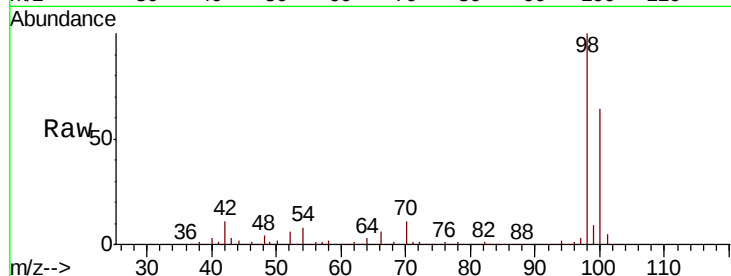
VSTDCCC020EC

Tot Ion: 98 Resp: 340689

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

200000

150000

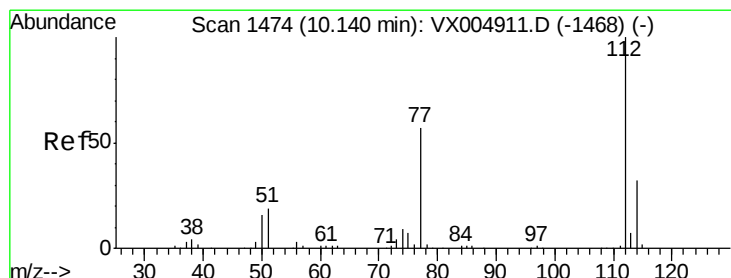
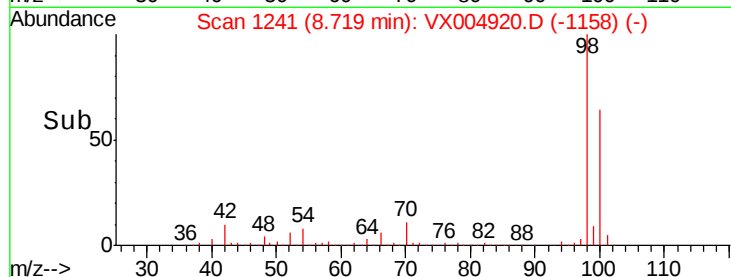
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#64

Chlorobenzene

Concen: 19.683 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004920.D

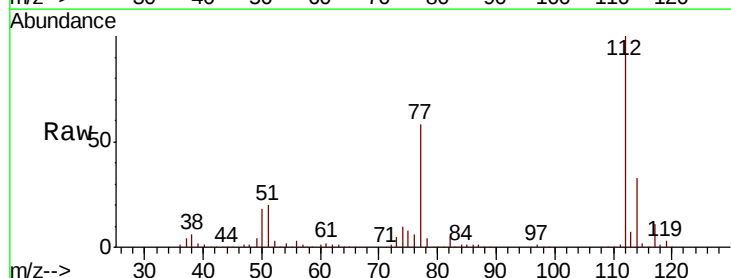
Acq: 02 Oct 2018 15:39

Tgt Ion: 112 Resp: 167132

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.14

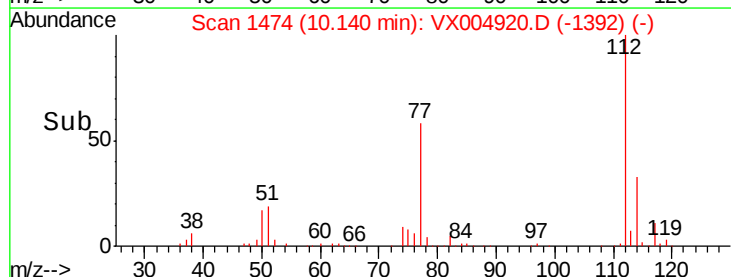
100000

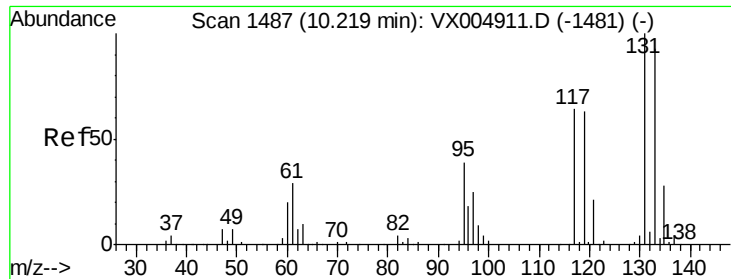
50000

0

Time-->

10.10 10.20 10.30





#65

1,1,1,2-Tetrachloroethane

Concen: 19.761 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

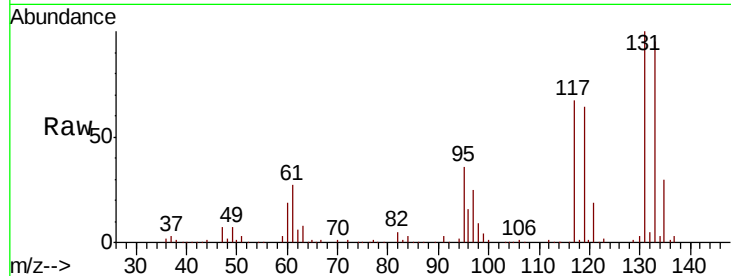
Tot Ion:131 Resp: 60995

Ion Ratio Lower Upper

131 100

133 94.7 0.0 190.4

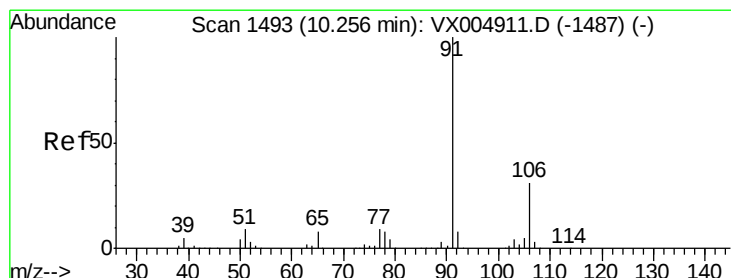
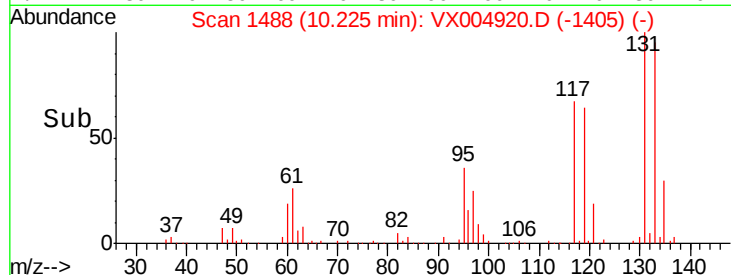
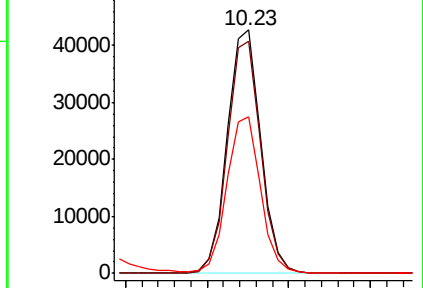
119 64.5 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.309 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004920.D

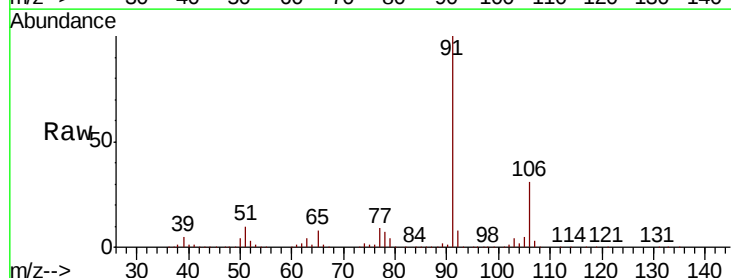
Acq: 02 Oct 2018 15:39

Tgt Ion: 91 Resp: 277155

Ion Ratio Lower Upper

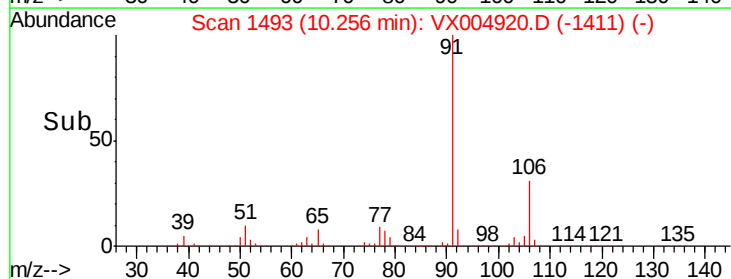
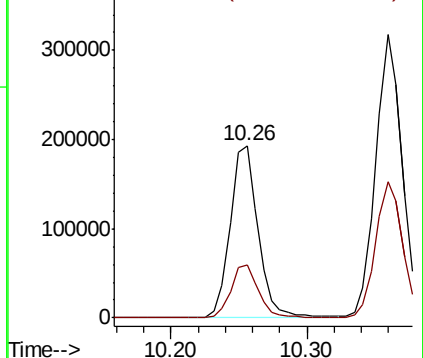
91 100

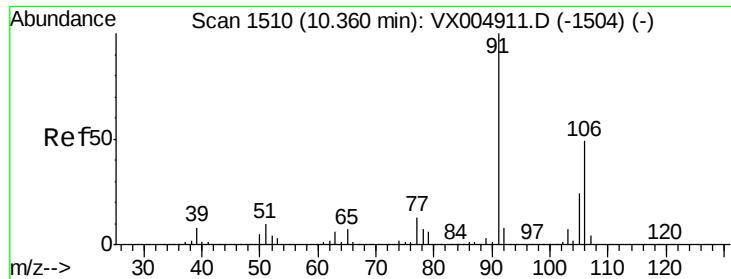
106 30.8 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

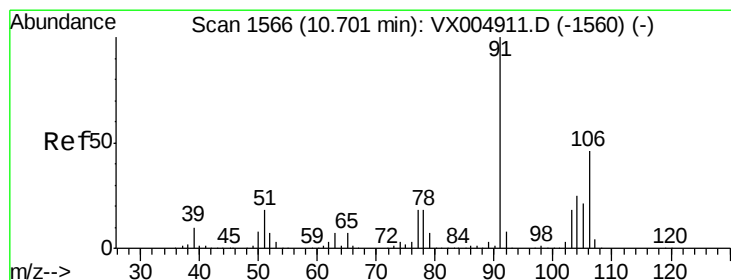
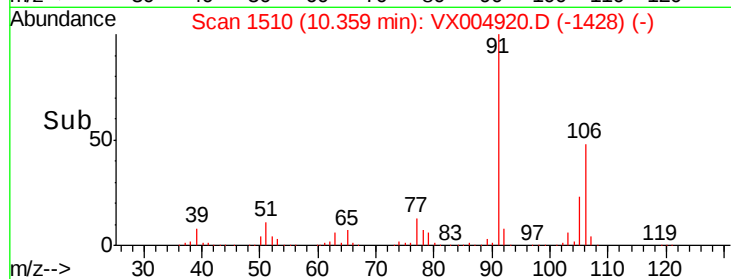
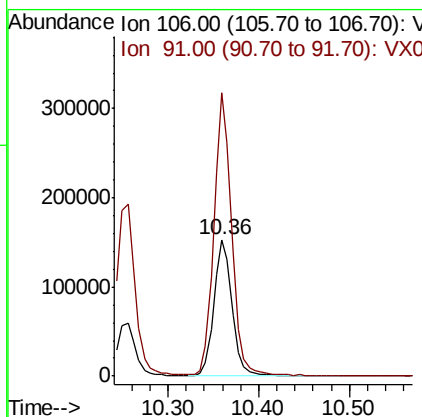
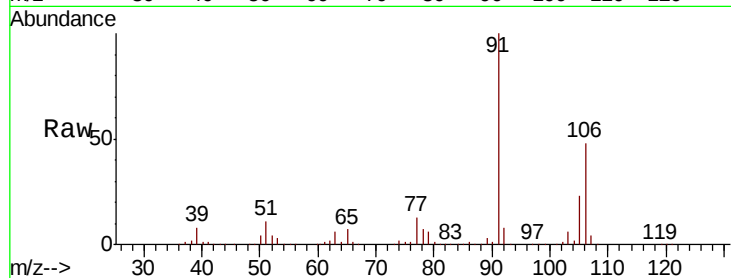




#67
m/p-Xvlenes
Concen: 38.785 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

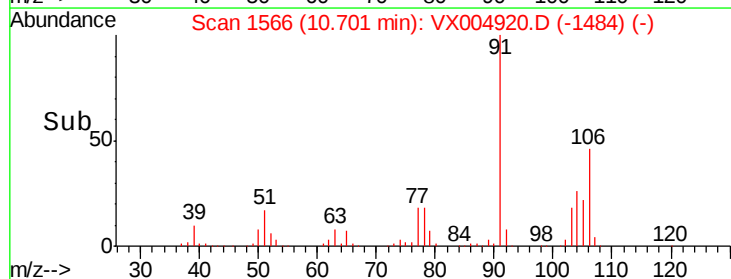
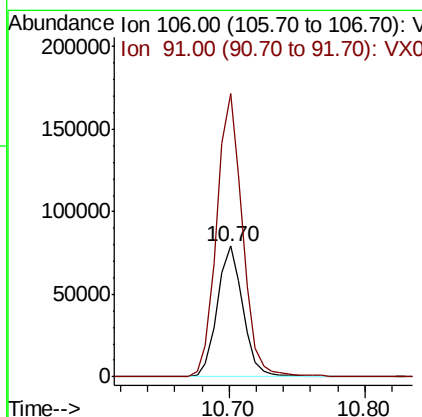
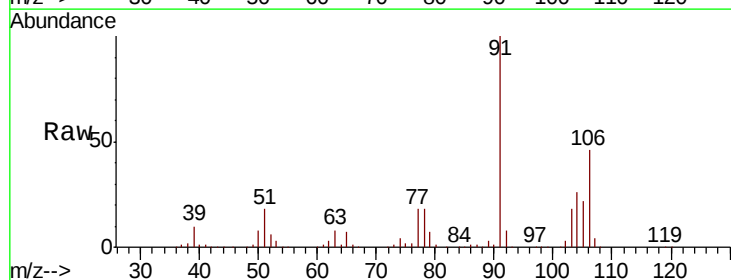
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

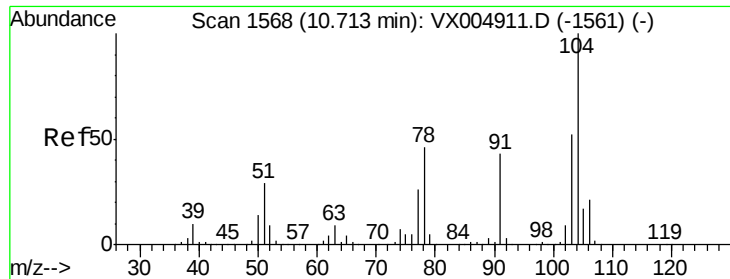
Tot Ion:106 Resp: 216769
Ion Ratio Lower Upper
106 100
91 199.6 165.5 248.3



#68
o-Xylene
Concen: 19.264 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion:106 Resp: 103783
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.2

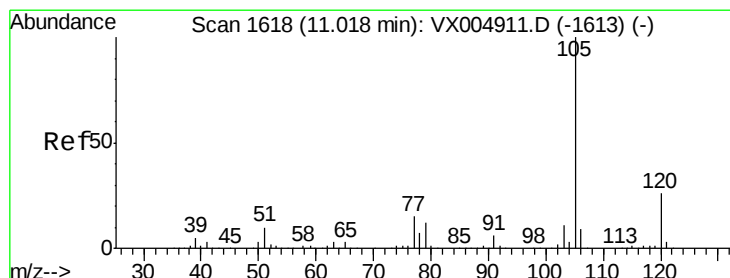
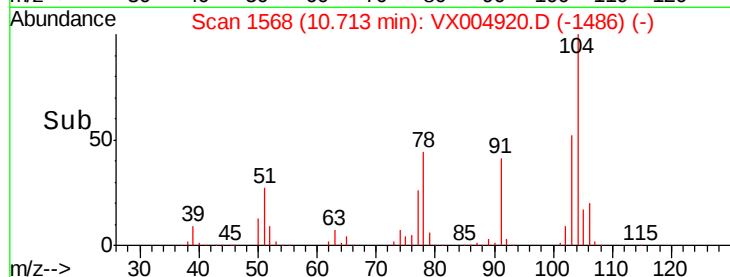
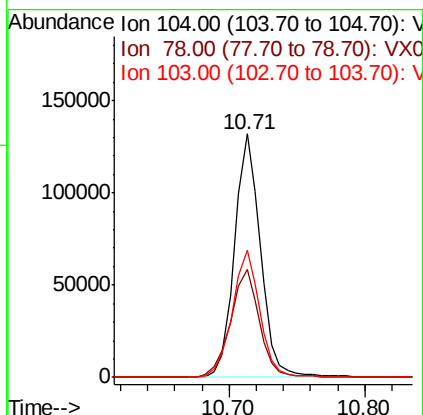
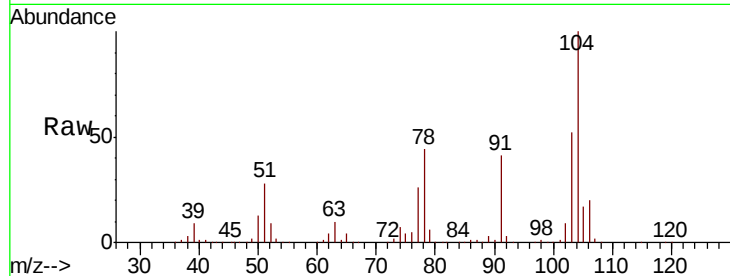




#69
Stvrene
Concen: 19.331 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

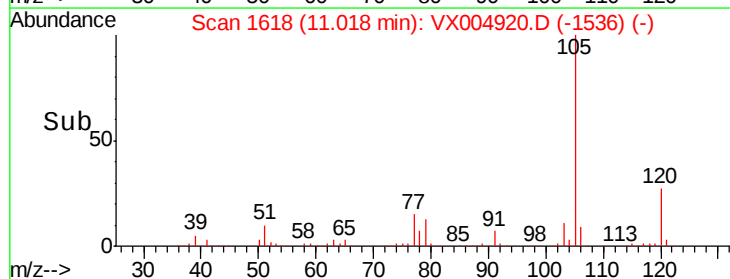
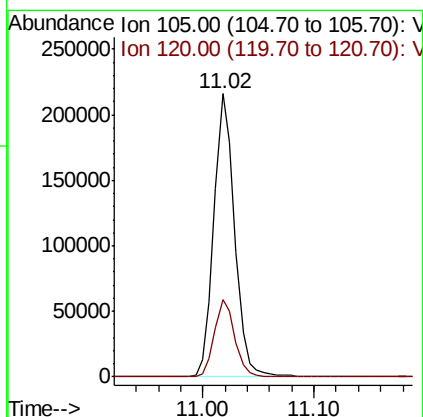
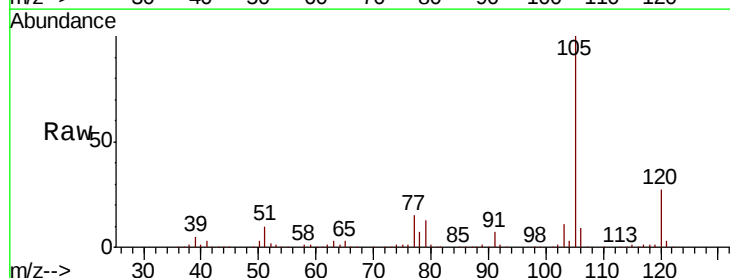
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

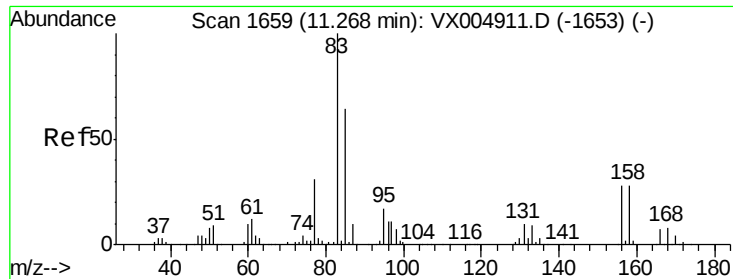
Tot Ion:104 Resp: 175118
Ion Ratio Lower Upper
104 100
78 49.6 40.3 60.5
103 55.6 44.6 66.8



#70
Isopropylbenzene
Concen: 19.401 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion:105 Resp: 279887
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1

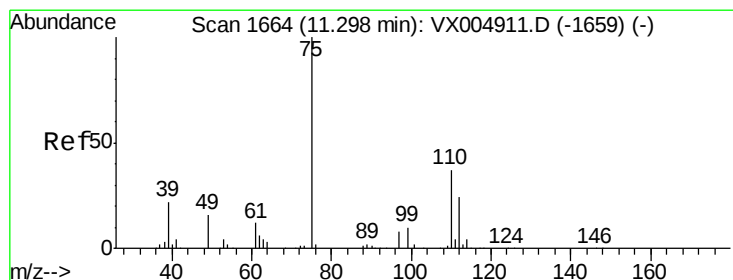
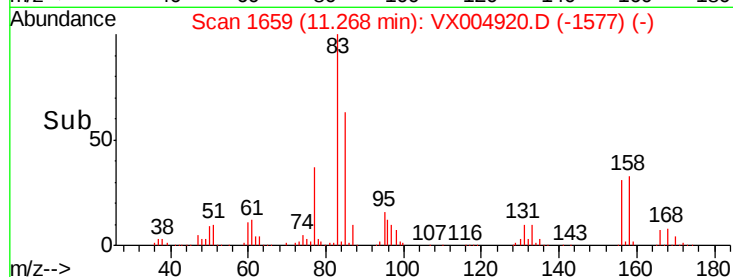
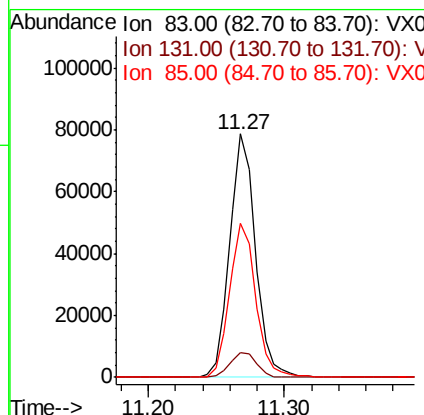
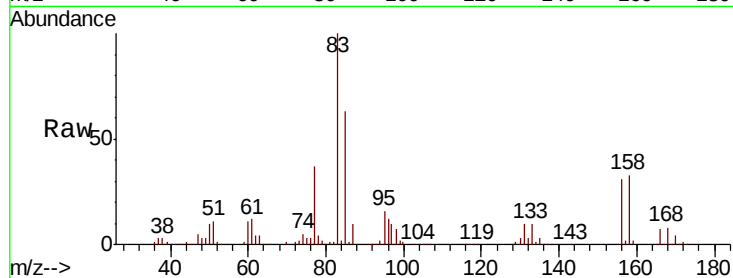




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.347 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

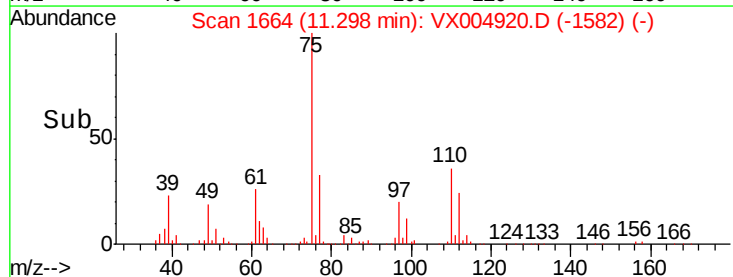
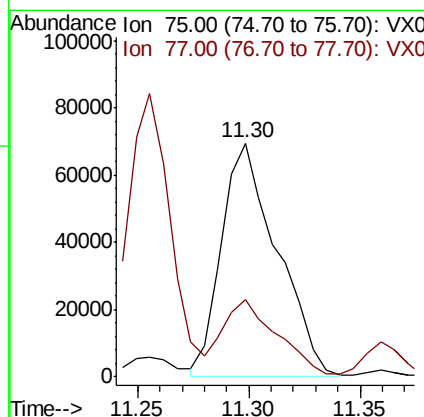
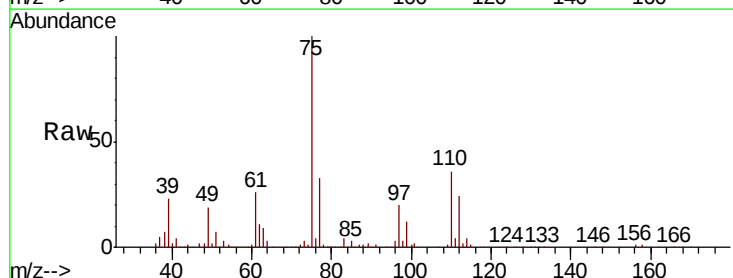
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

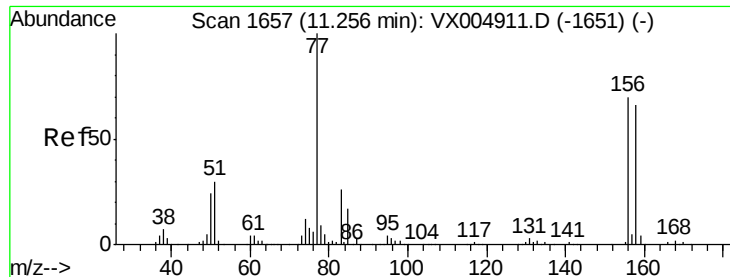
Tot Ion: 83 Resp: 103664
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.2
 85 64.3 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 24.786 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion: 75 Resp: 120992
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 81.2





#73

Bromobenzene

Concen: 19.188 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

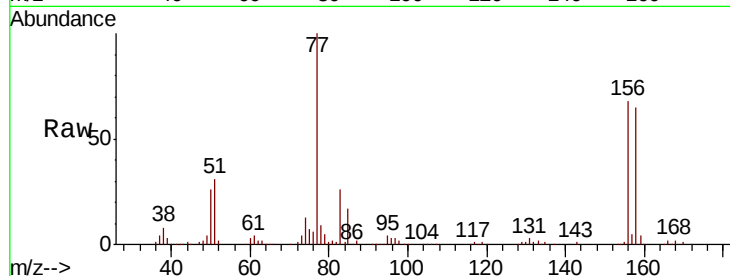
Tot Ion:156 Resp: 76091

Ion Ratio Lower Upper

156 100

77 149.2 0.0 292.4

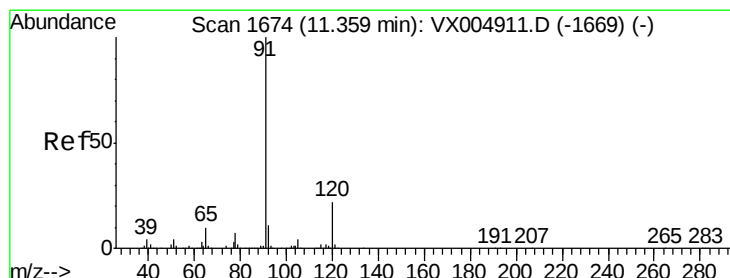
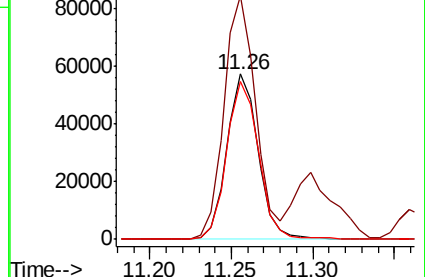
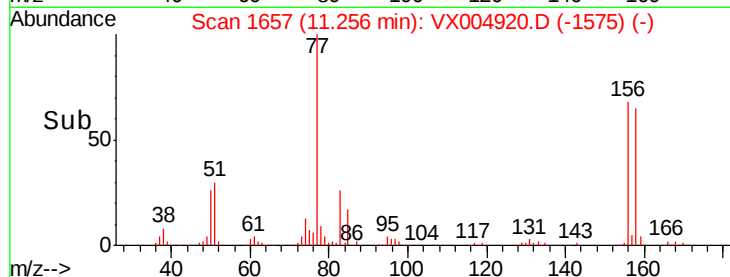
158 98.4 0.0 194.2



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: 19.122 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004920.D

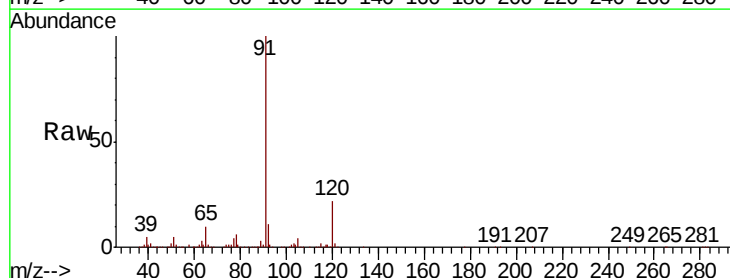
Acq: 02 Oct 2018 15:39

Tgt Ion: 91 Resp: 324567

Ion Ratio Lower Upper

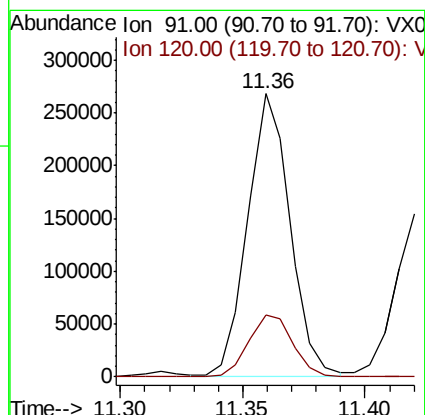
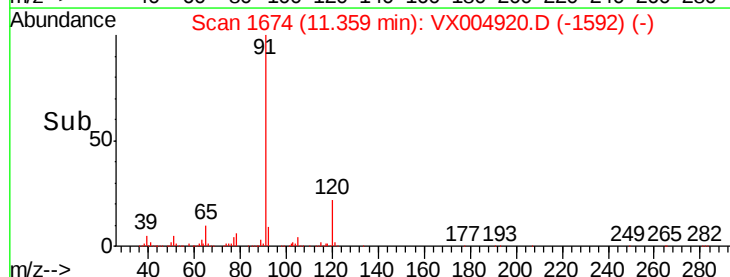
91 100

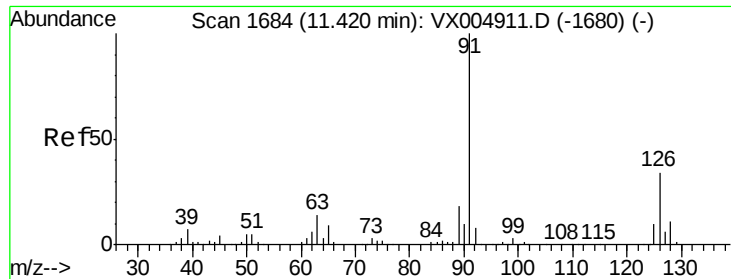
120 23.0 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.453 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

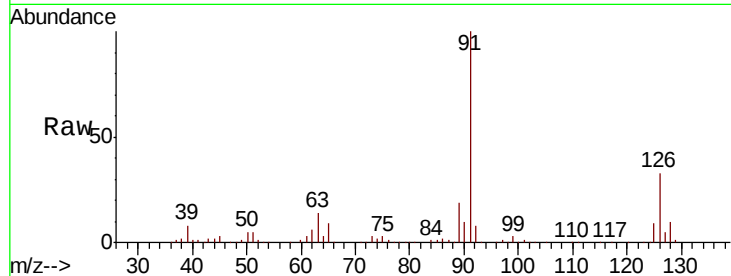
VSTDCCC020EC

Tot Ion: 91 Resp: 201378

Ion Ratio Lower Upper

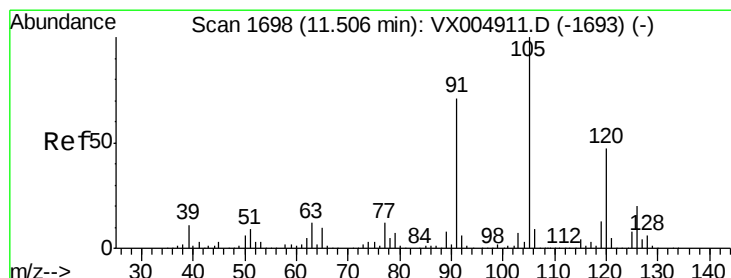
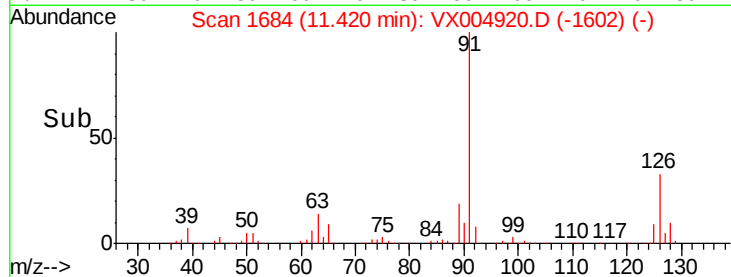
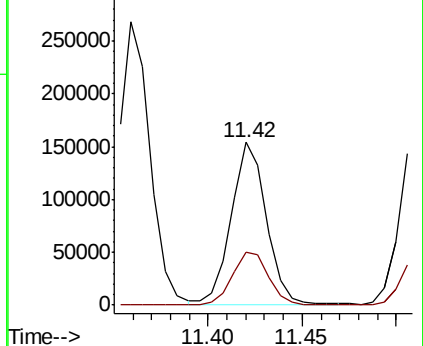
91 100

126 33.7 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX004911.D (-1680) (-)

Ion 126.00 (125.70 to 126.70): VX004911.D (-1680) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.088 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004920.D

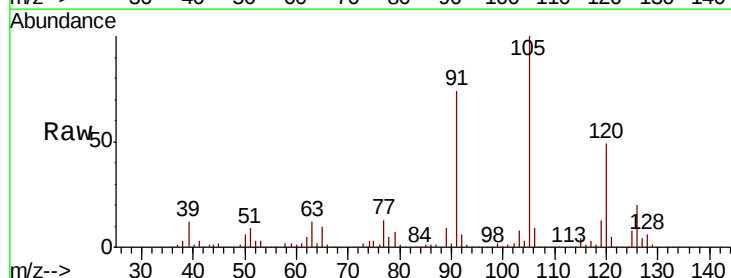
Acq: 02 Oct 2018 15:39

Tgt Ion: 105 Resp: 237594

Ion Ratio Lower Upper

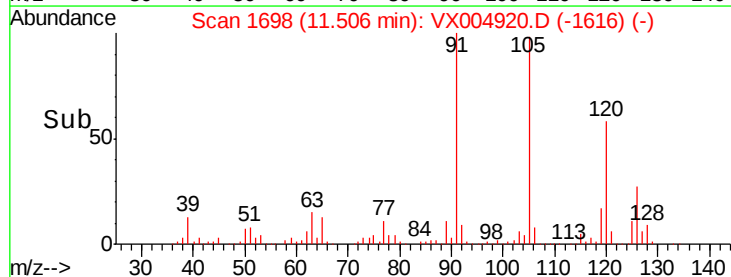
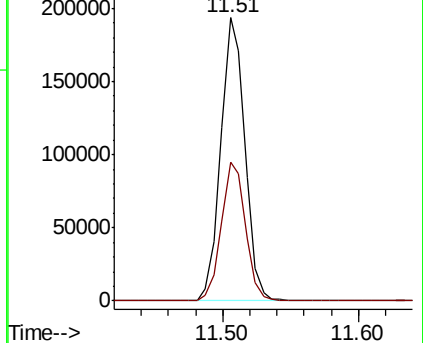
105 100

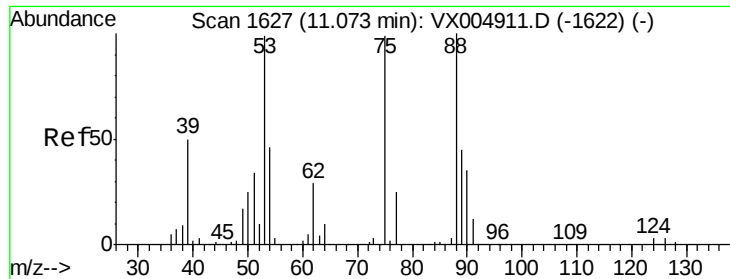
120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX004911.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX004911.D (-1693) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.037 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

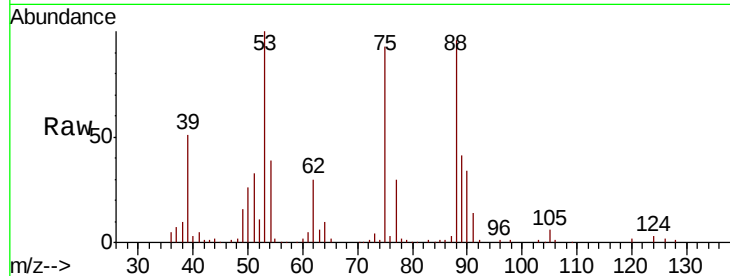
Tot Ion: 75 Resp: 28949

Ion Ratio Lower Upper

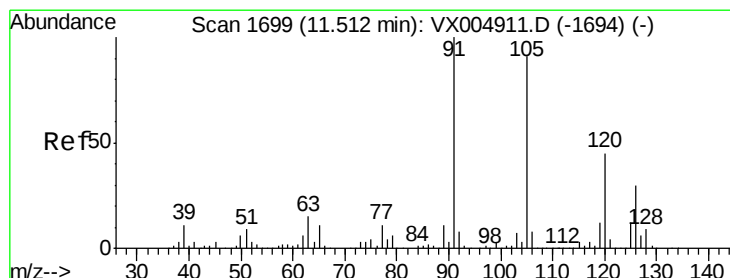
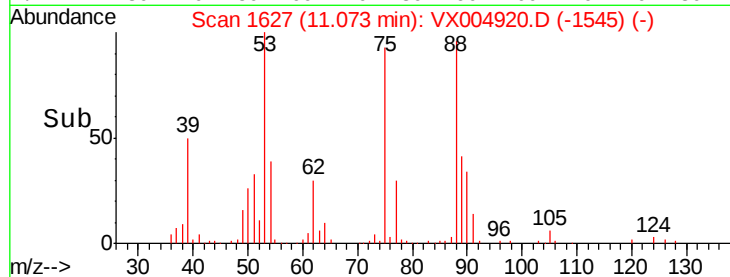
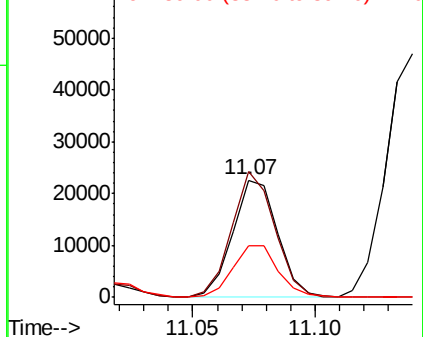
75 100

53 107.0 50.3 150.9

89 43.2 22.6 67.8



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: 19.066 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004920.D

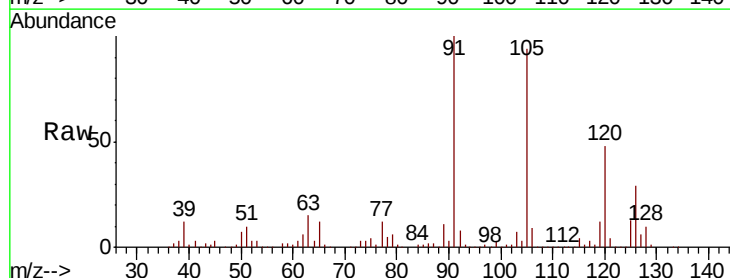
Acq: 02 Oct 2018 15:39

Tgt Ion: 91 Resp: 229416

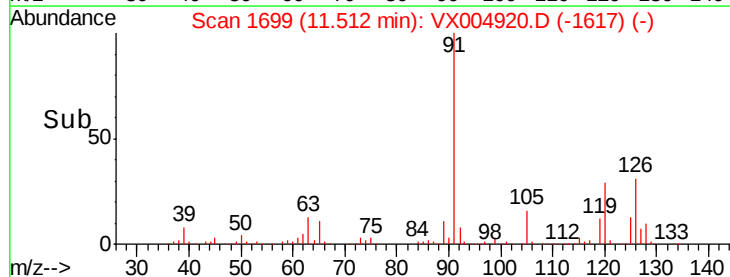
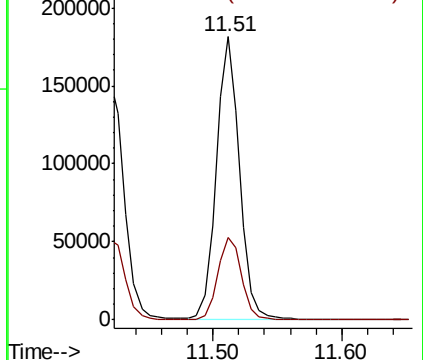
Ion Ratio Lower Upper

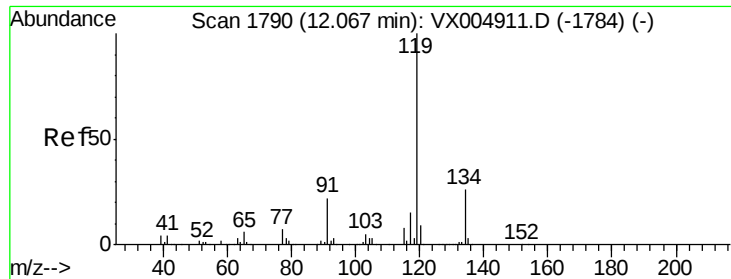
91 100

126 30.1 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

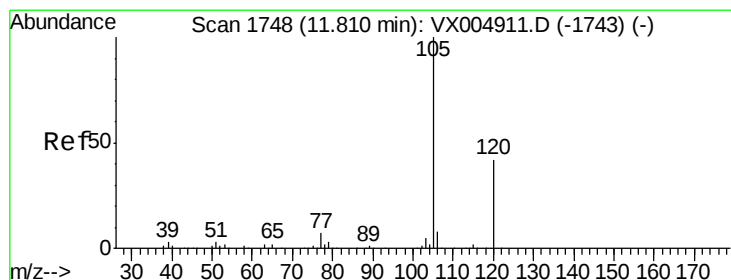
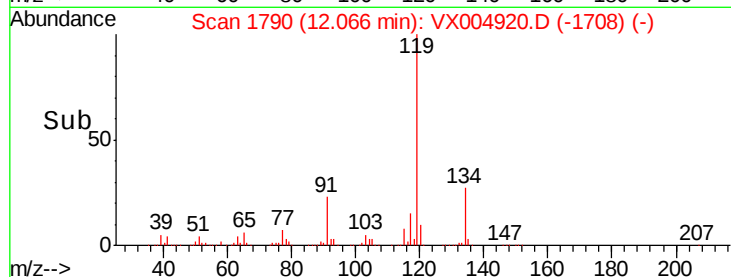
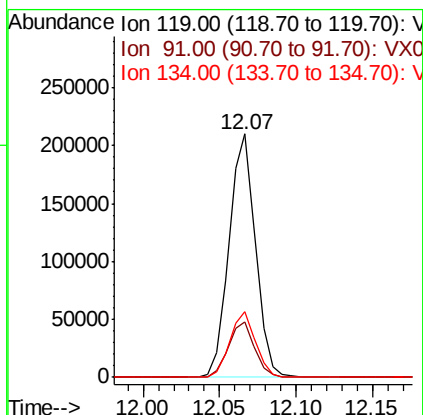
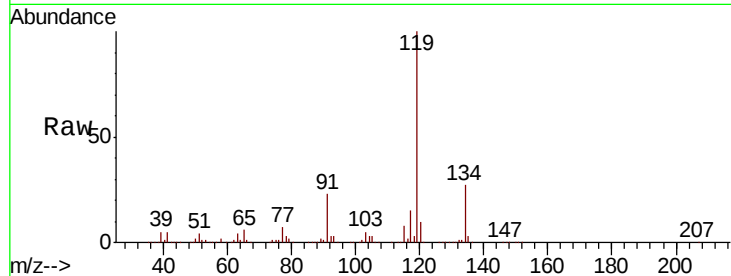




#79
tert-butylbenzene
Concen: 18.925 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

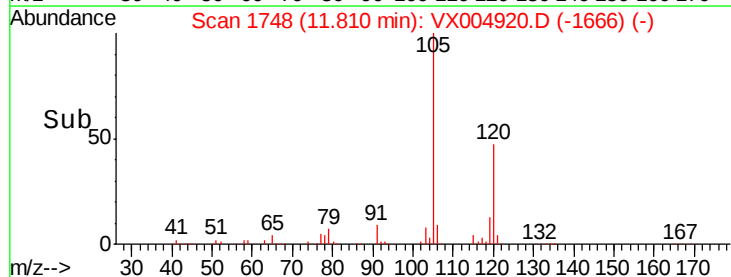
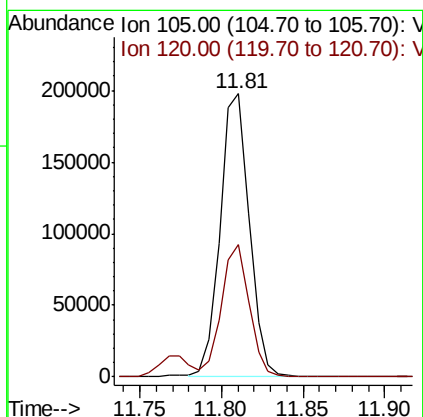
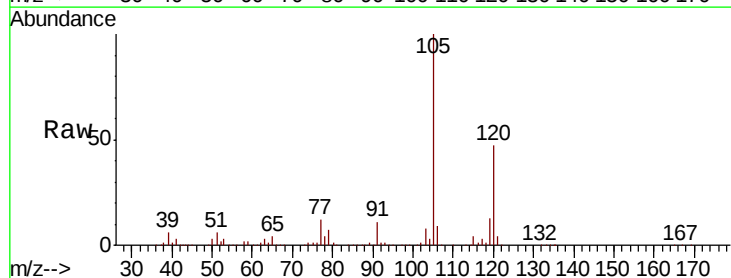
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

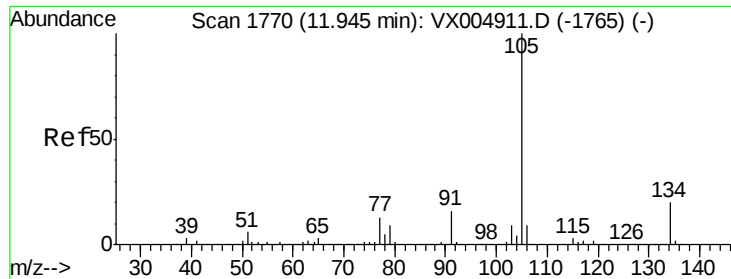
Tot Ion	Ratio	Lower	Upper
119	100		
91	22.7	0.0	45.8
134	26.4	0.0	52.8



#80
1,2,4-Trimethylbenzene
Concen: 19.391 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	90.6

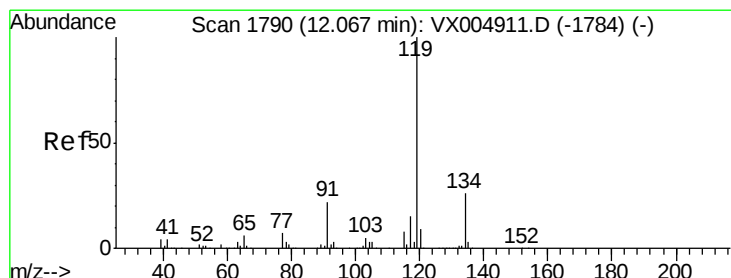
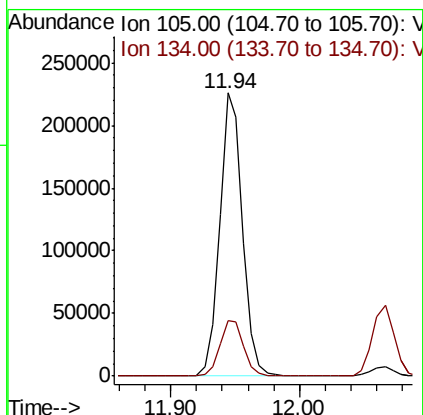
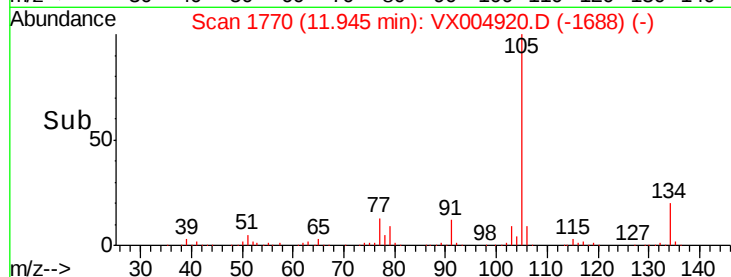
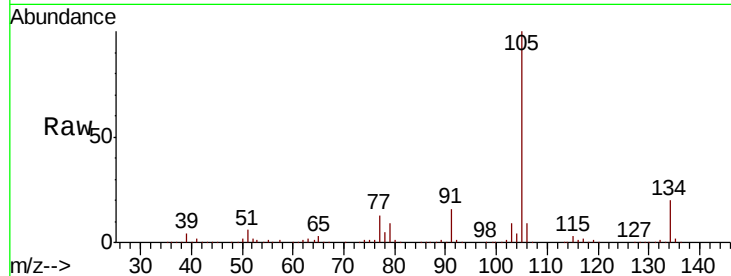




#81
 sec-Butylbenzene
 Concen: 19.051 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

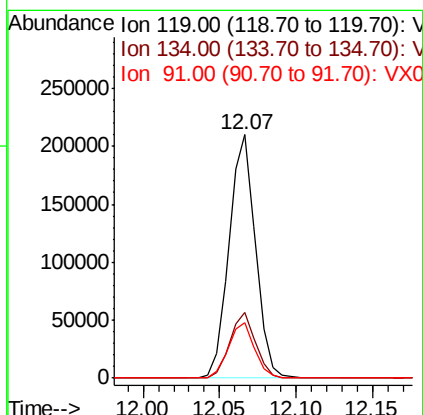
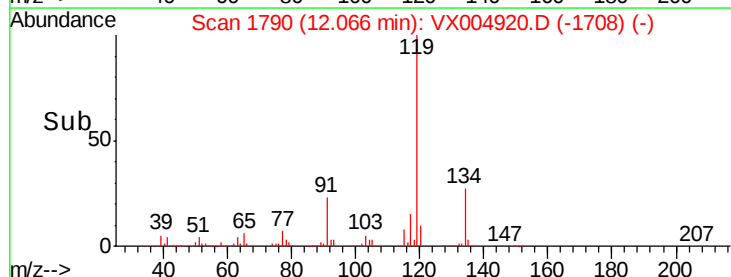
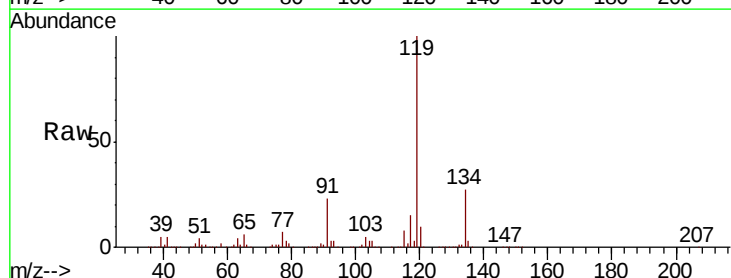
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

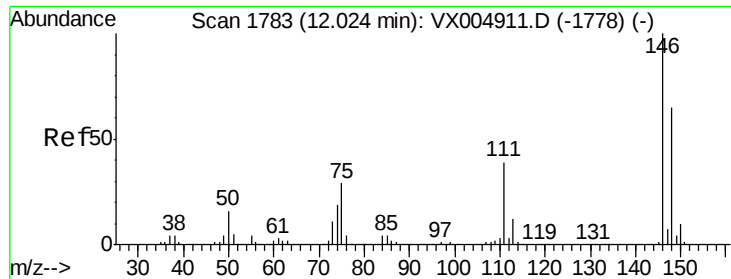
Tot Ion:105 Resp: 279925
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 18.925 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion:119 Resp: 249997
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.8
 91 22.7 0.0 45.8

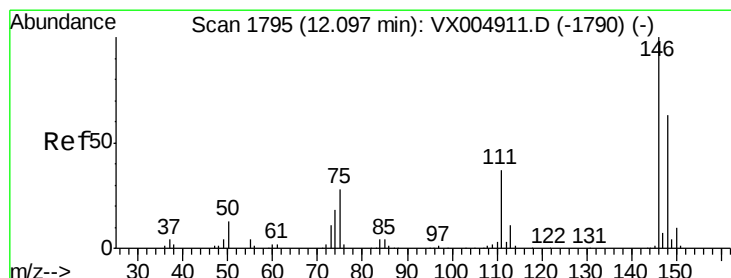
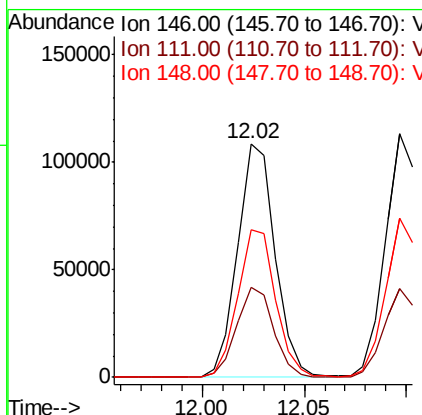
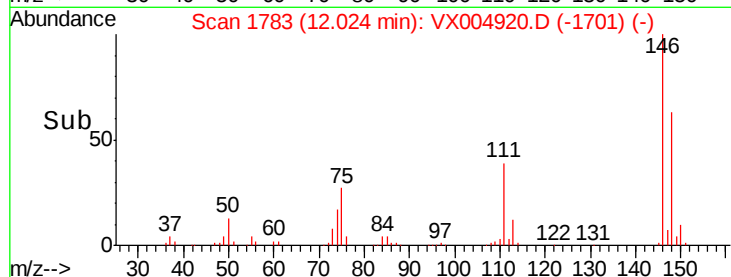
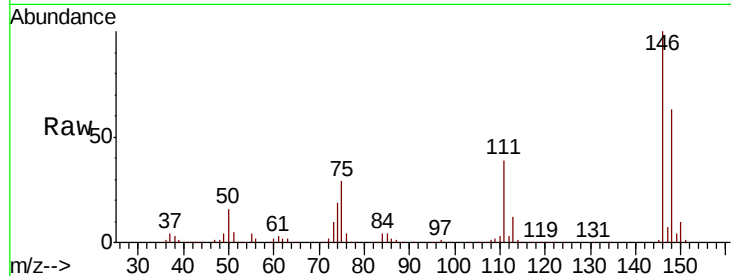




#83
 1,3-Dichlorobenzene
 Concen: 18.957 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

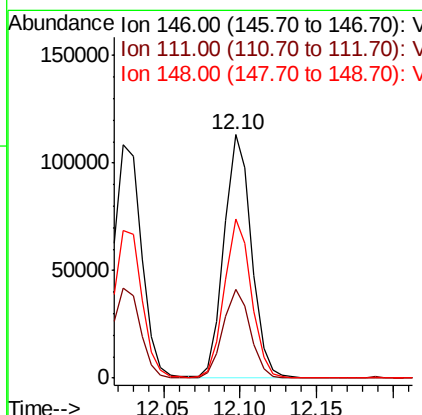
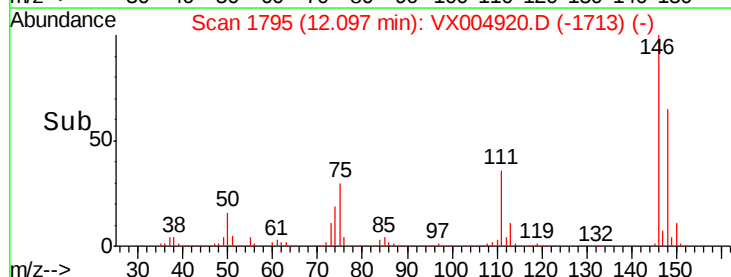
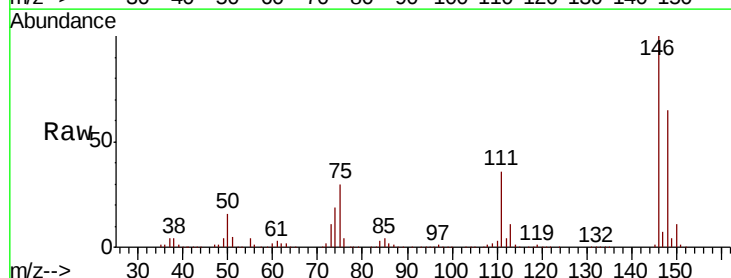
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

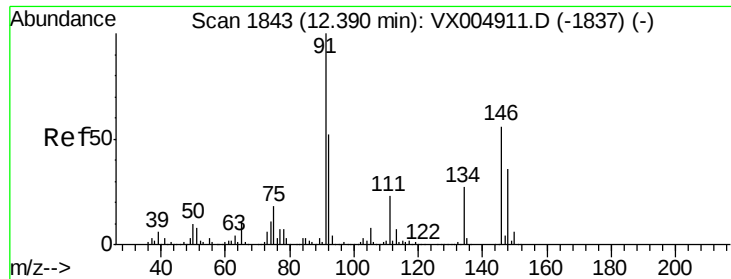
Tot Ion:146 Resp: 139012
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 64.1 32.4 97.2



#84
 1,4-Dichlorobenzene
 Concen: 18.870 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion:146 Resp: 140426
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.4
 148 64.4 31.9 95.7

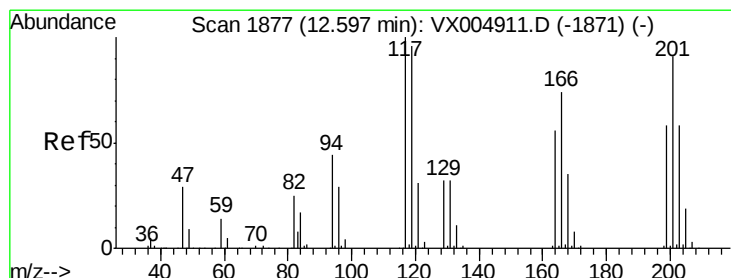
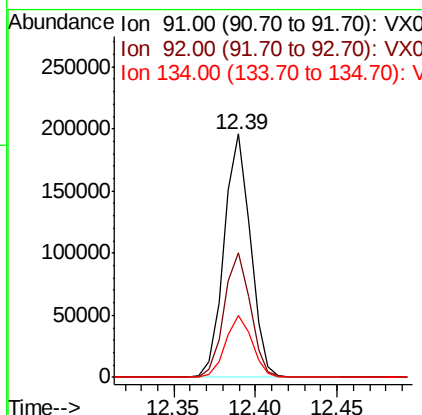
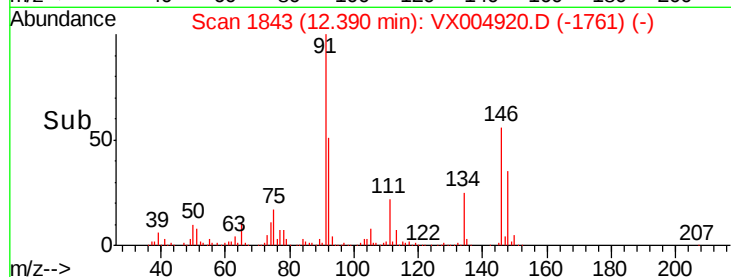
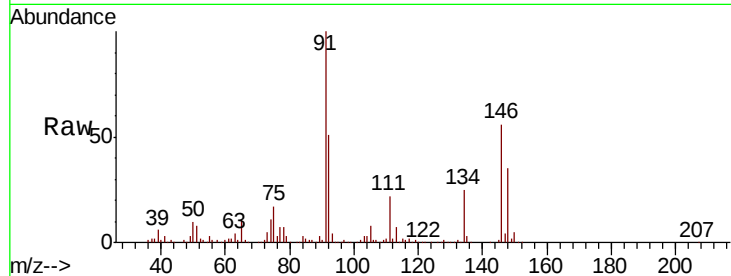




#85
n-Butylbenzene
Concen: 18.303 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

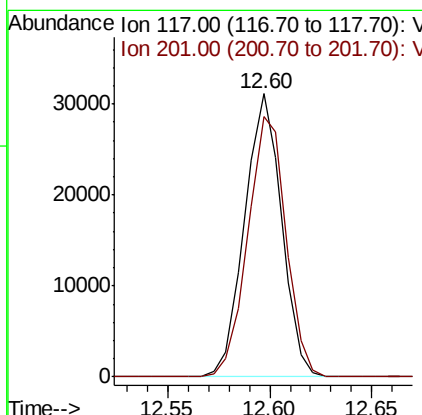
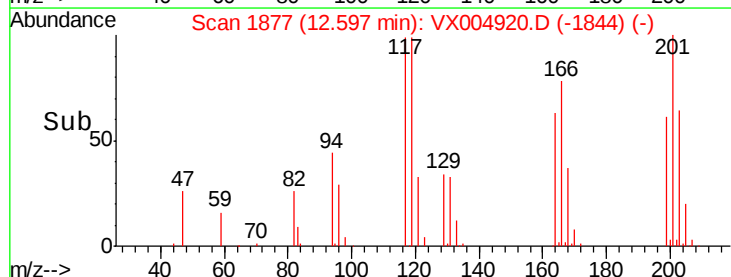
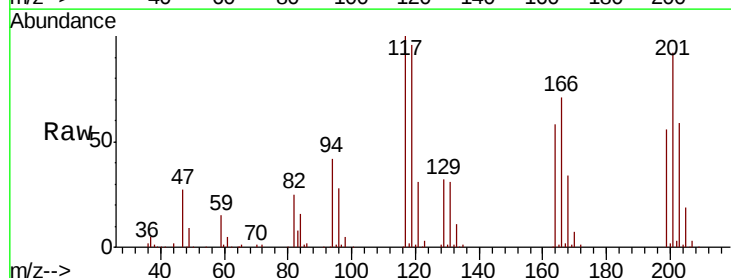
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

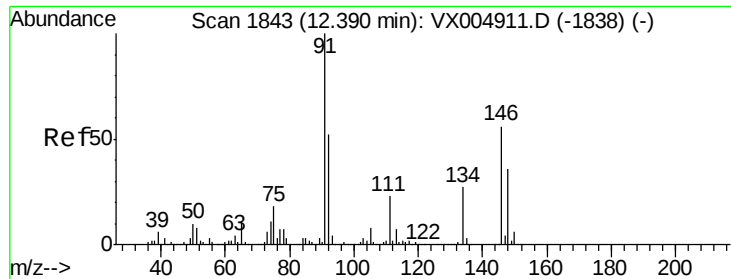
Tot Ion: 91 Resp: 219604
Ion Ratio Lower Upper
91 100
92 51.3 0.0 103.6
134 25.5 0.0 52.2



#86
Hexachloroethane
Concen: 18.028 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion: 117 Resp: 39228
Ion Ratio Lower Upper
117 100
201 95.1 47.1 141.4





#87

1,2-Dichlorobenzene

Concen: 19.039 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

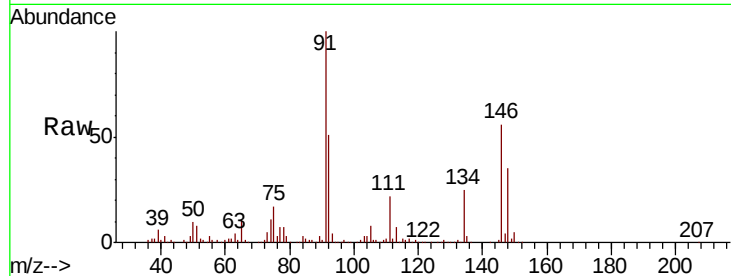
Tot Ion:146 Resp: 141922

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

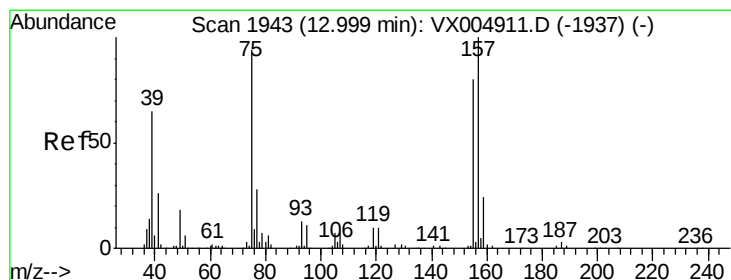
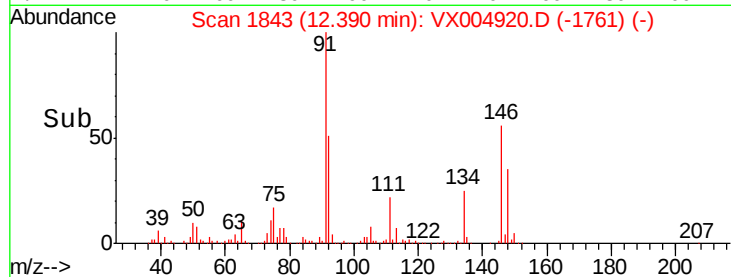
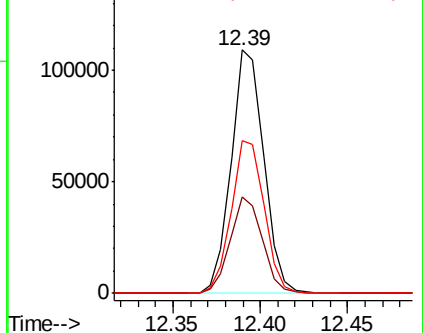
148 63.6 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.363 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004920.D

Acq: 02 Oct 2018 15:39

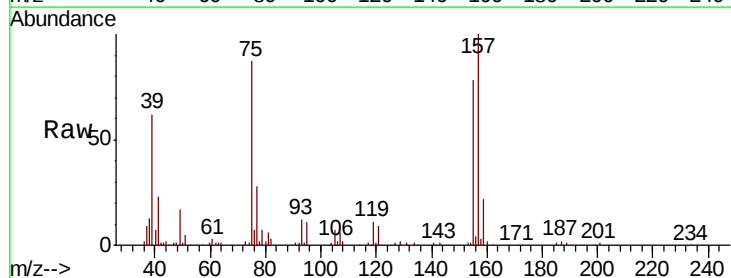
Tgt Ion: 75 Resp: 23975

Ion Ratio Lower Upper

75 100

155 93.2 71.6 107.4

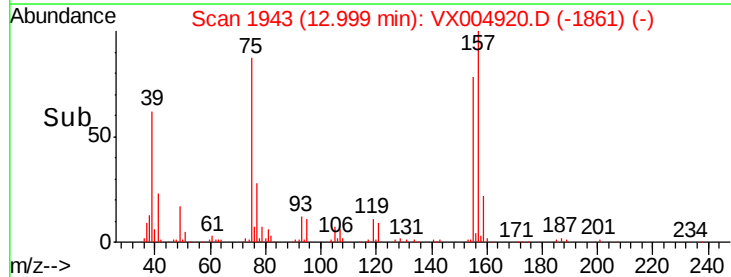
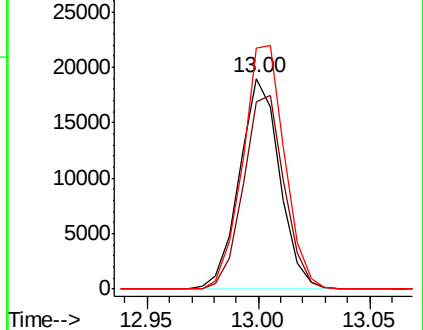
157 120.5 91.3 136.9

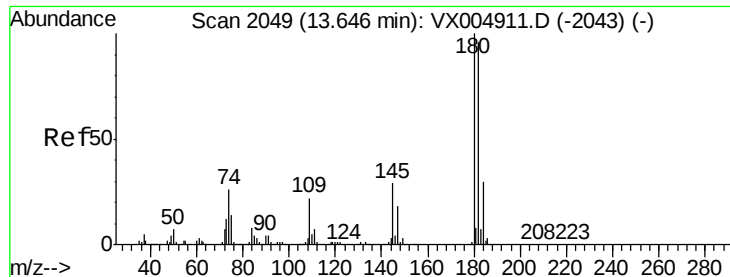


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

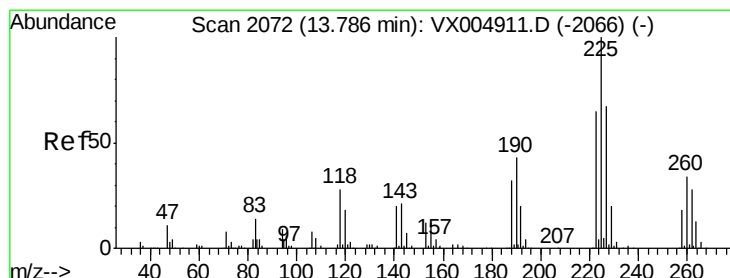
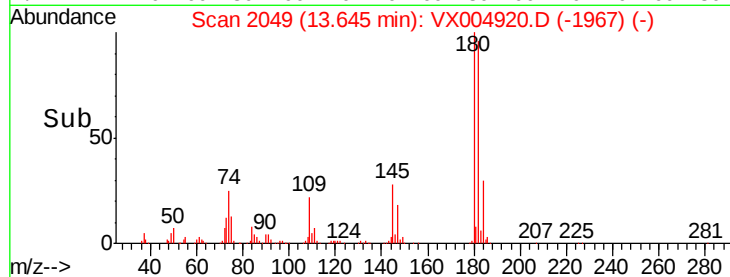
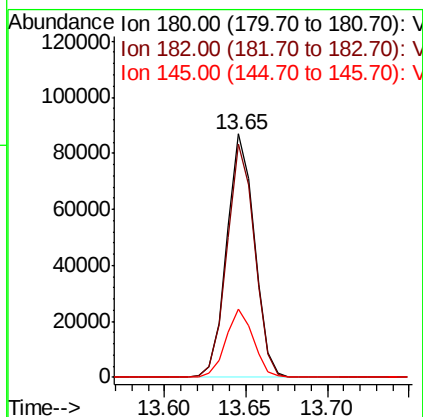
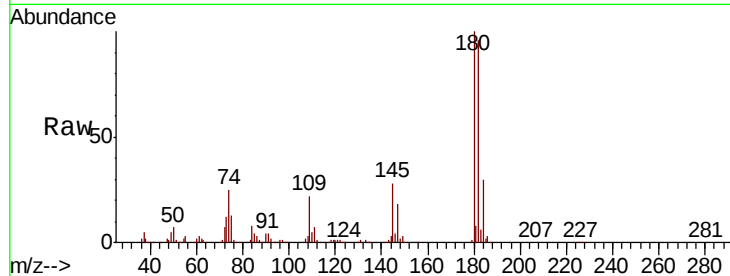




#89
 1,2,4-Trichlorobenzene
 Concen: 18.424 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

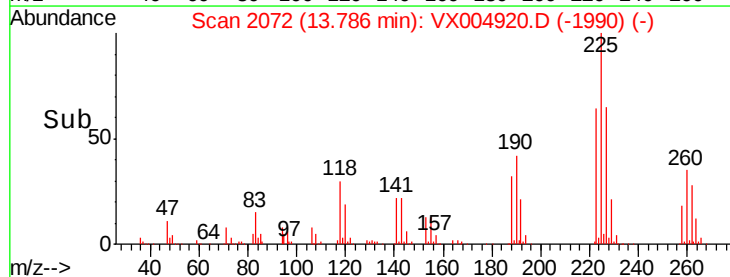
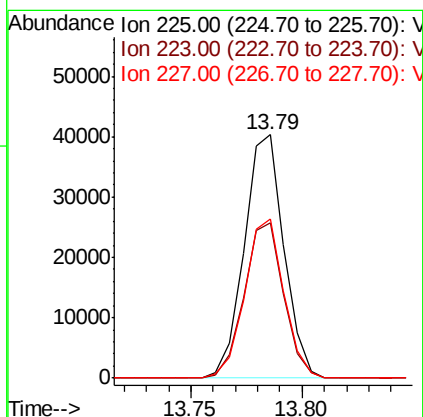
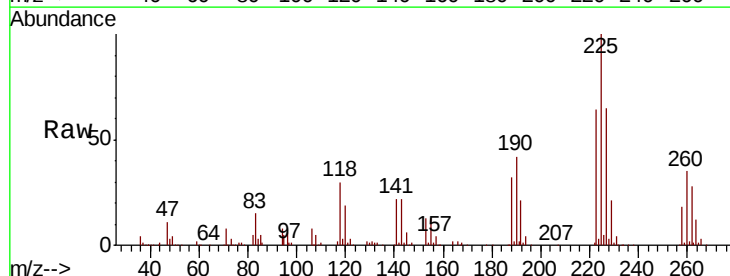
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

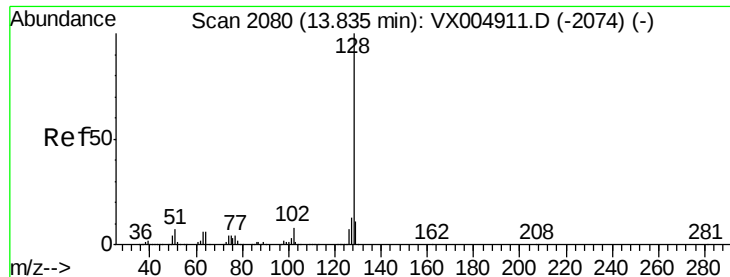
Tot Ion:180 Resp: 102448
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 27.5 22.6 33.8



#90
 Hexachlorobutadiene
 Concen: 18.295 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004920.D
 Acq: 02 Oct 2018 15:39

Tgt Ion:225 Resp: 50225
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 126.6
 227 64.2 0.0 129.6

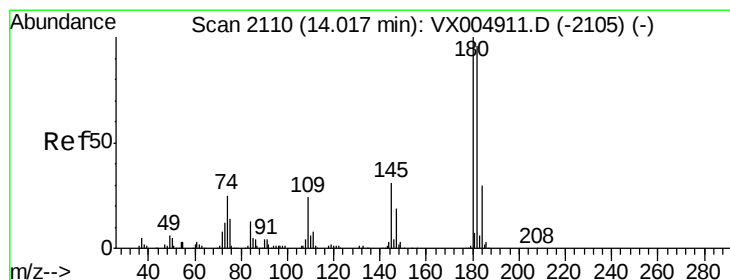
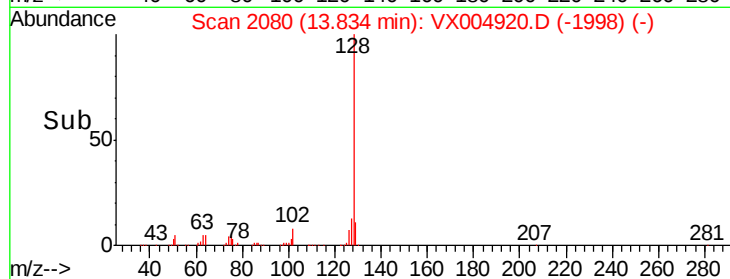
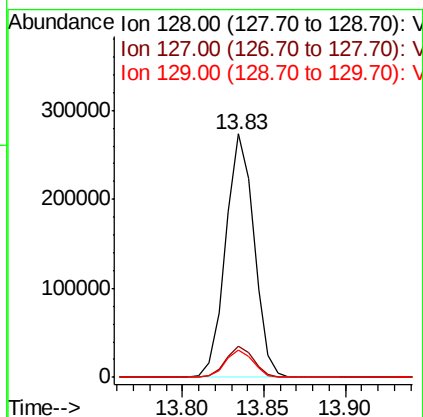
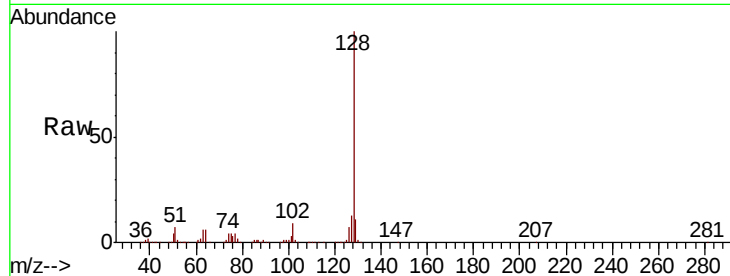




#91
Naphthalene
Concen: 19.023 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 328919
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.485 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004920.D
Acq: 02 Oct 2018 15:39

Tgt Ion:180 Resp: 105401
Ion Ratio Lower Upper
180 100
182 95.9 0.0 192.2
145 29.4 0.0 60.4

