

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007933.D
 Acq On : 08 Mar 2019 16:02
 Operator : JC/SP
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 09 03:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	45073	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	241727	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	212880	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	89293	30.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.47%
60) 4-Bromofluorobenzene	11.13	95	102058	30.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.13%
63) Toluene-d8	8.71	98	297688	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	52277	19.537	ug/l 100
3) Chloromethane	1.33	50	58089	19.522	ug/l 96
4) Vinyl Chloride	1.41	62	56848	19.288	ug/l 98
5) Bromomethane	1.64	94	29692	20.207	ug/l 99
6) Chloroethane	1.73	64	32610	18.945	ug/l 96
7) Trichlorofluoromethane	1.93	101	69462	18.926	ug/l 96
8) Diethyl Ether	2.19	74	39102	20.688	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54364	19.702	ug/l 97
10) 1,1-Dichloroethene	2.38	96	53542	20.472	ug/l 97
11) Methyl Iodide	2.51	142	80909	19.762	ug/l 94
12) Methyl Acetate	2.78	43	81977	19.818	ug/l 95
13) Acrolein	2.30	56	44779	92.274	ug/l 97
14) Acrylonitrile	3.15	53	182633	104.011	ug/l 100
15) Acetone	2.45	58	51348	80.997	ug/l 95
16) Carbon Disulfide	2.57	76	165928	20.221	ug/l 99
17) Allyl chloride	2.73	41	108047	20.150	ug/l 89
18) Methylene Chloride	2.86	84	60208	20.207	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	56671	20.479	ug/l 97
20) Diisopropyl ether	3.87	45	204908	20.889	ug/l 92
21) 1,1-Dichloroethane	3.70	63	107984	20.240	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	64978	20.355	ug/l 92
23) tert-Butyl Alcohol	3.07	59	75072	105.976	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	184742	20.544	ug/l 96
25) Chloroform	5.22	83	103029	20.460	ug/l 97
26) Cyclohexane	5.58	56	99948	20.274	ug/l # 91
29) 1,1-Dichloropropene	5.80	75	78220	20.408	ug/l 97
30) 2-Butanone	4.70	43	255354	98.780	ug/l 97
31) 2,2-Dichloropropane	4.59	77	66759	18.858	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	85055	20.522	ug/l 98
33) Carbon Tetrachloride	5.79	117	74031	20.138	ug/l 97
34) Benzene	6.15	78	244278	20.797	ug/l 98
35) Methacrylonitrile	5.06	41	53133	21.093	ug/l 96
36) 1,2-Dichloroethane	6.20	62	79171	20.718	ug/l 99
37) Trichloroethene	7.21	130	65425	20.559	ug/l 96
38) Methylcyclohexane	7.46	83	96594	19.822	ug/l 94
39) 1,2-Dichloropropane	7.52	63	64129	20.935	ug/l 97
40) Dibromomethane	7.66	93	40451	20.819	ug/l 93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007933.D
 Acq On : 08 Mar 2019 16:02
 Operator : JC/SP
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 09 03:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	74364	20.248	ug/l	100
42) Vinyl Acetate	3.82	43	889141	106.256	ug/l	97
43) Ethyl Acetate	4.85	43	95330	21.171	ug/l #	81
44) Isopropyl Acetate	6.46	43	143308	20.859	ug/l	100
45) 1,4-Dioxane	7.75	88	30750	427.794	ug/l	90
46) Methyl methacrylate	7.77	41	74750	20.687	ug/l	90
47) n-amyl Acetate	10.90	43	119647	20.211	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	77397	19.458	ug/l	96
49) cis-1,3-Dichloropropene	8.44	75	89897	19.959	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	61419	20.738	ug/l	97
51) Ethyl methacrylate	9.18	69	92510	20.596	ug/l	92
52) 1,3-Dichloropropane	9.37	76	102091	20.862	ug/l	99
53) Dibromochloromethane	9.58	129	61669	20.243	ug/l	99
54) 1,2-Dibromoethane	9.67	107	64342	20.780	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	207007	99.092	ug/l	98
56) Bromoform	10.86	173	47188	19.419	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	474969	108.369	ug/l	99
59) 2-Hexanone	9.49	43	359486	103.905	ug/l	100
61) Tetrachloroethene	9.33	164	64884	20.894	ug/l	97
62) Toluene	8.79	91	256162	20.607	ug/l	100
64) Chlorobenzene	10.14	112	160530	20.262	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	58913	20.769	ug/l	98
66) Ethyl Benzene	10.25	91	268733	20.127	ug/l	98
67) m/p-Xylenes	10.36	106	208449	40.715	ug/l	96
68) o-Xylene	10.70	106	101422	20.401	ug/l	99
69) Styrene	10.71	104	164940	20.136	ug/l	99
70) Isopropylbenzene	11.02	105	270320	20.349	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	91788	20.921	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	103114	24.934	ug/l	91
73) Bromobenzene	11.26	156	71203	20.161	ug/l	95
74) n-propylbenzene	11.36	91	299157	19.964	ug/l	98
75) 2-Chlorotoluene	11.42	91	181276	20.183	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	223516	20.302	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	23440	18.345	ug/l	92
78) 4-Chlorotoluene	11.51	91	205399	20.227	ug/l	96
79) tert-butylbenzene	12.06	119	235711	19.951	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	226001	20.226	ug/l	98
81) sec-Butylbenzene	11.94	105	263431	19.907	ug/l	99
82) p-Isopropyltoluene	12.06	119	235711	19.951	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	124429	19.789	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	124054	19.719	ug/l	98
85) n-Butylbenzene	12.38	91	192108	19.013	ug/l	99
86) Hexachloroethane	12.60	117	37396	19.427	ug/l	83
87) 1,2-Dichlorobenzene	12.39	146	126091	20.291	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18048	20.139	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	85230	19.084	ug/l	98
90) Hexachlorobutadiene	13.78	225	46925	19.051	ug/l	97
91) Naphthalene	13.83	128	257926	20.148	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	86910	19.578	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
Data File : VX007933.D
Acq On : 08 Mar 2019 16:02
Operator : JC/SP
Sample : VSTDCCC020EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Mar 09 03:30:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration

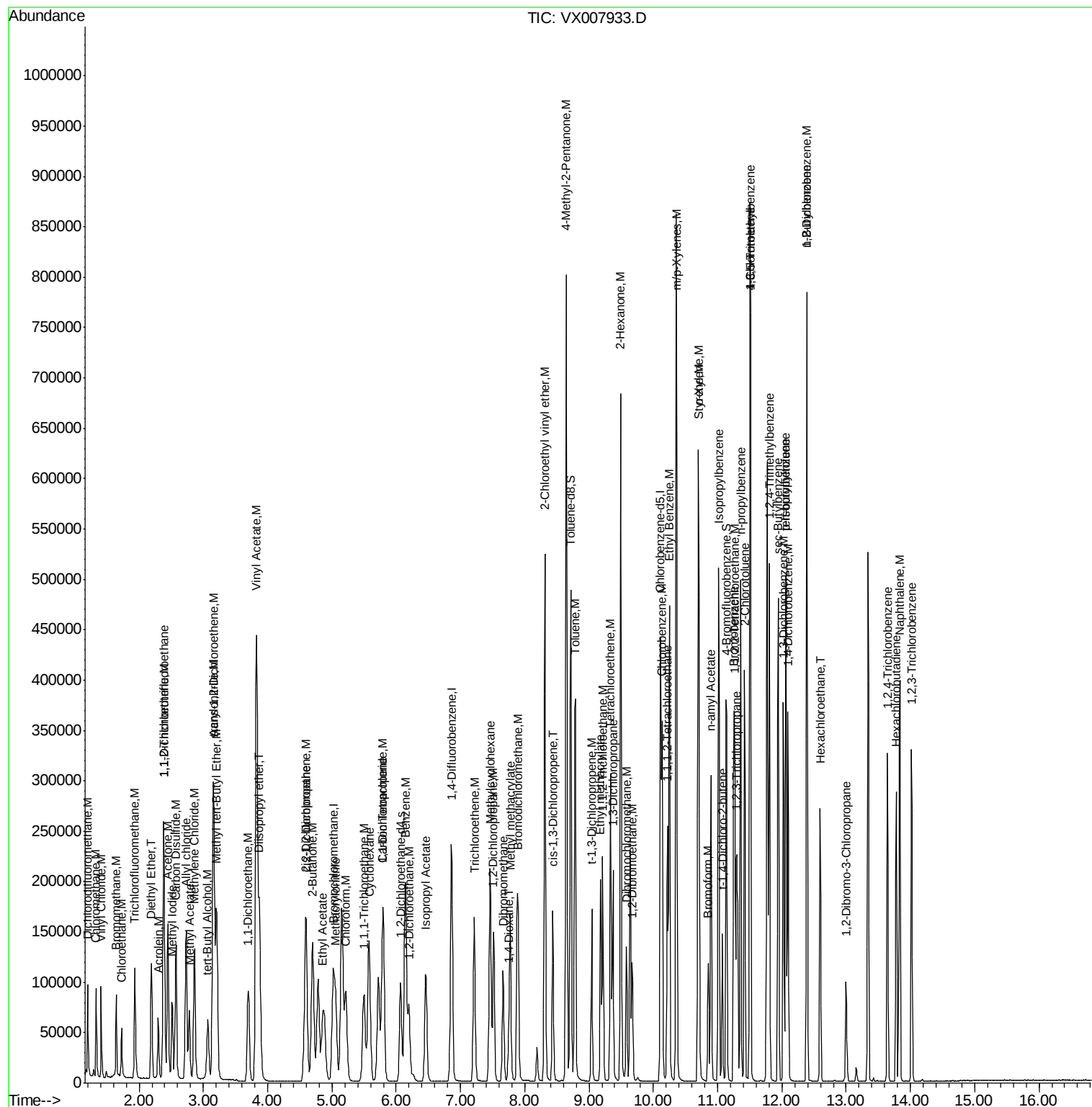
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

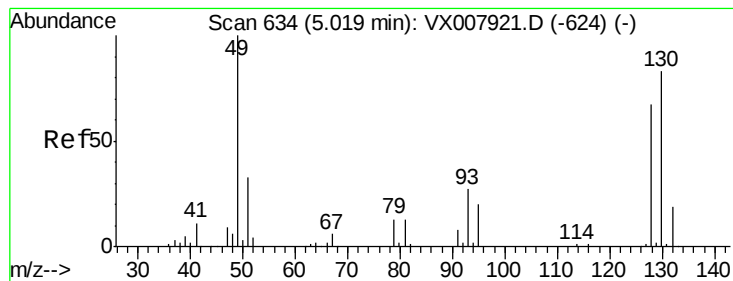
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007933.D
 Acq On : 08 Mar 2019 16:02
 Operator : JC/SP
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 09 03:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

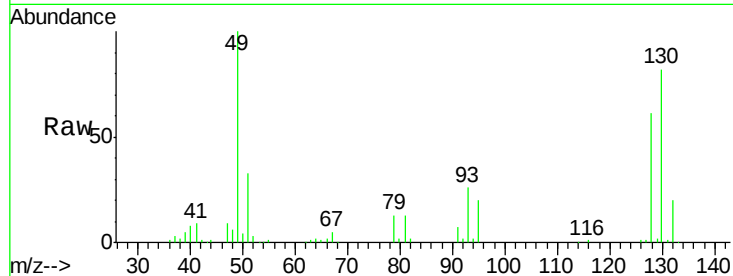
Tot Ion:128 Resp: 45073

Ion Ratio Lower Upper

128 100

49 159.7 0.0 350.8

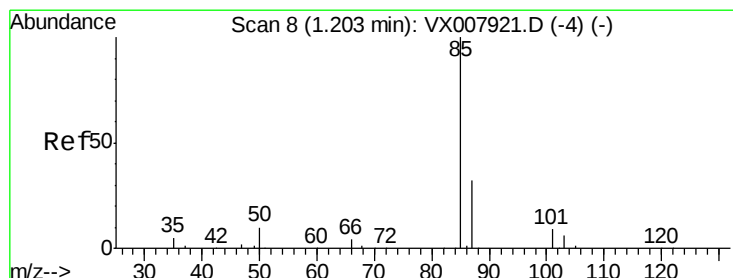
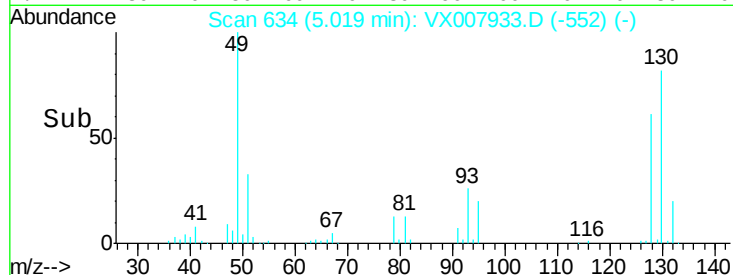
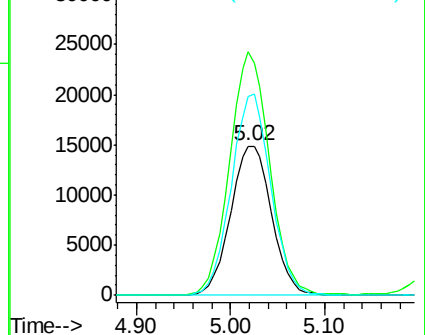
130 130.6 0.0 325.8



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: 19.537 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007933.D

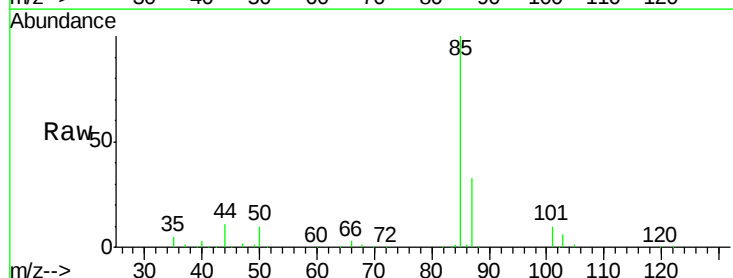
Acq: 08 Mar 2019 16:02

Tgt Ion: 85 Resp: 52277

Ion Ratio Lower Upper

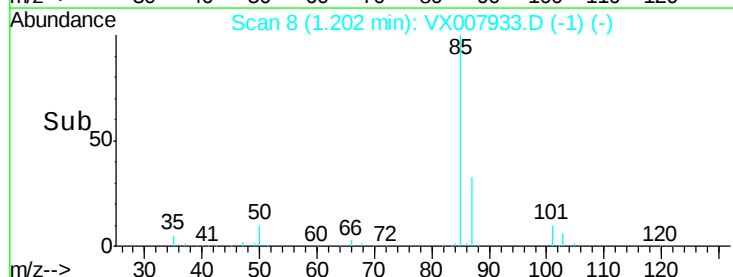
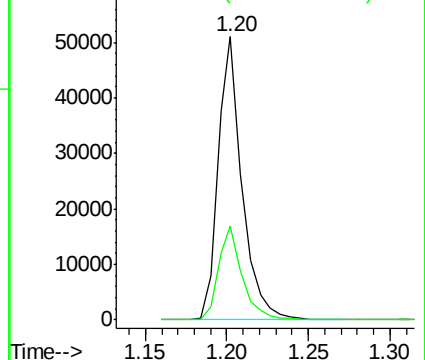
85 100

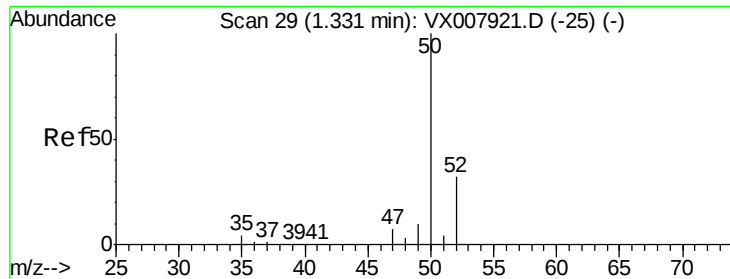
87 33.1 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.522 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

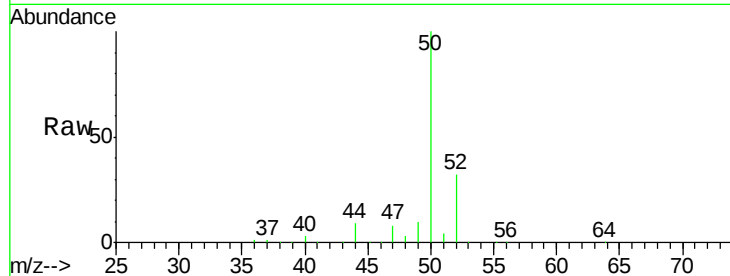
VSTDCCC020EC

Tot Ion: 50 Resp: 58089

Ion Ratio Lower Upper

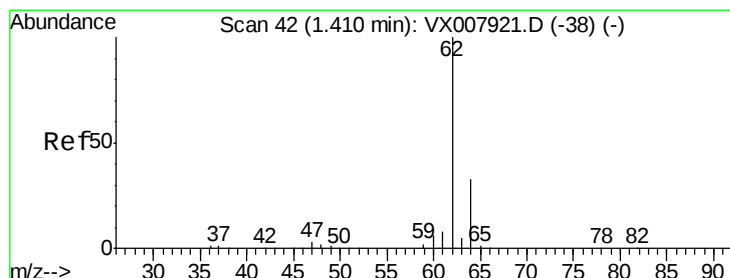
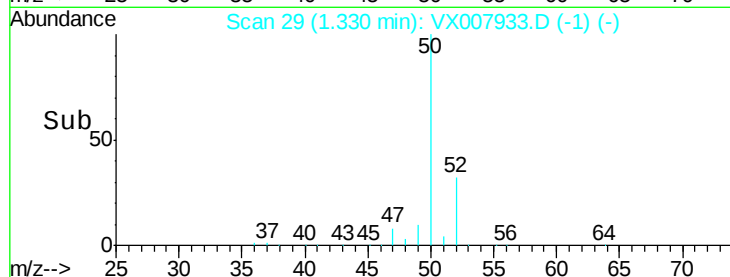
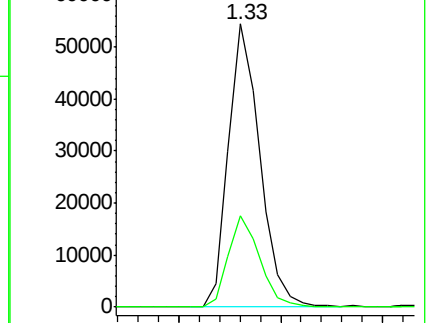
50 100

52 32.2 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.288 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007933.D

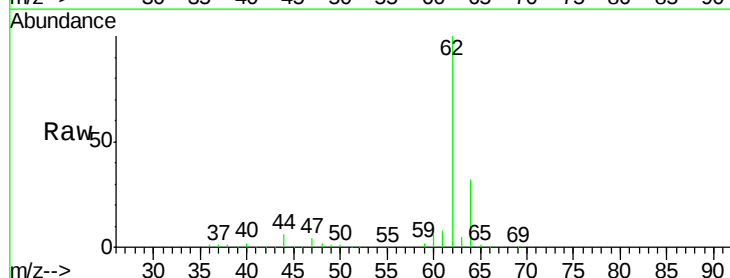
Acq: 08 Mar 2019 16:02

Tgt Ion: 62 Resp: 56848

Ion Ratio Lower Upper

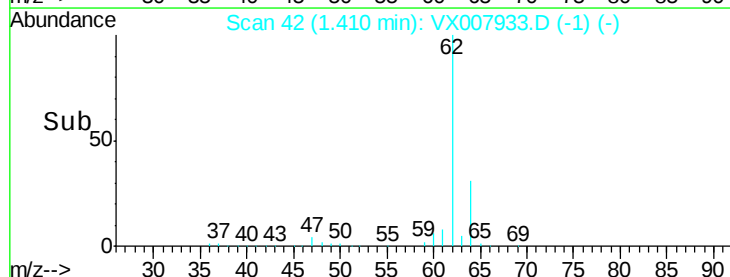
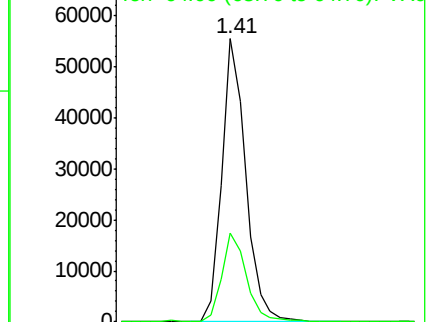
62 100

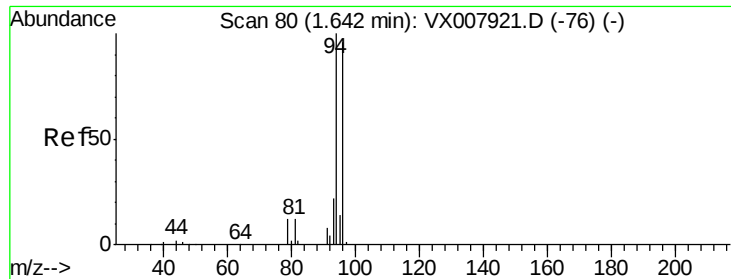
64 31.3 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.207 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

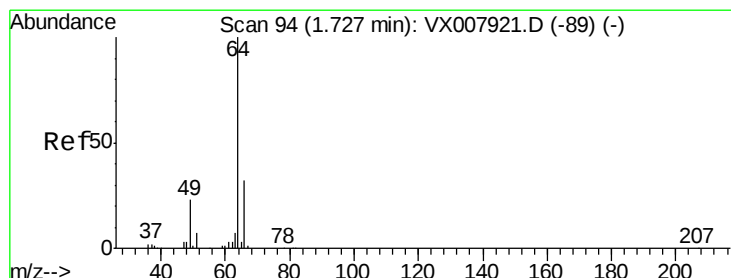
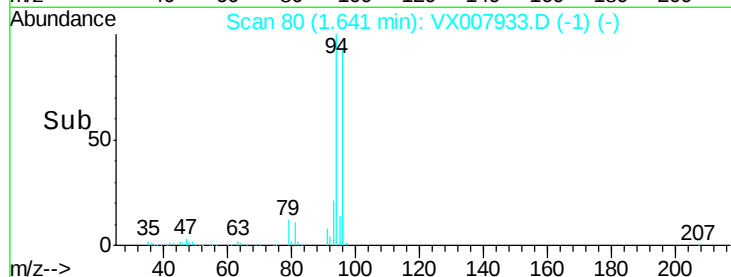
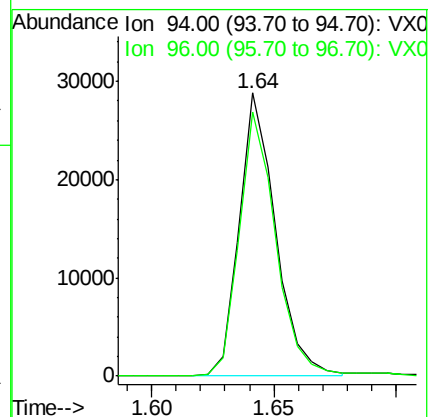
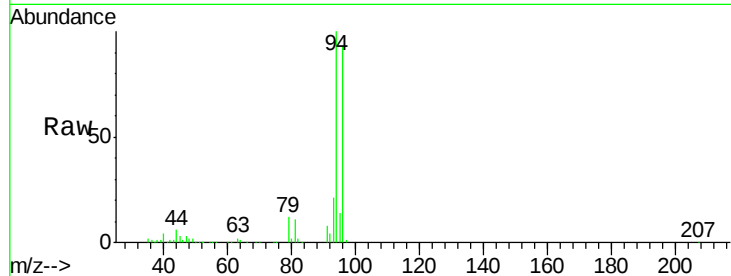
VSTDCCC020EC

Tot Ion: 94 Resp: 29692

Ion Ratio Lower Upper

94 100

96 93.1 75.6 113.4



#6

Chloroethane

Concen: 18.945 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007933.D

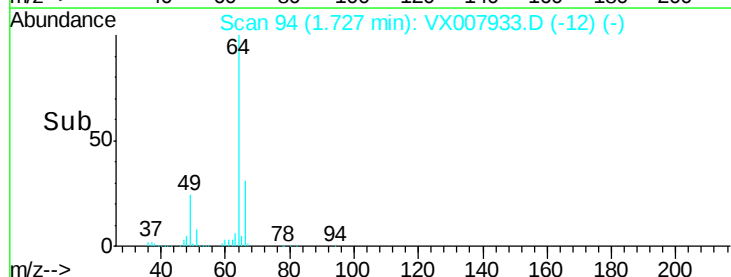
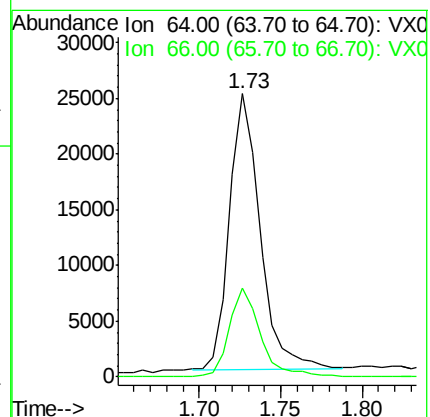
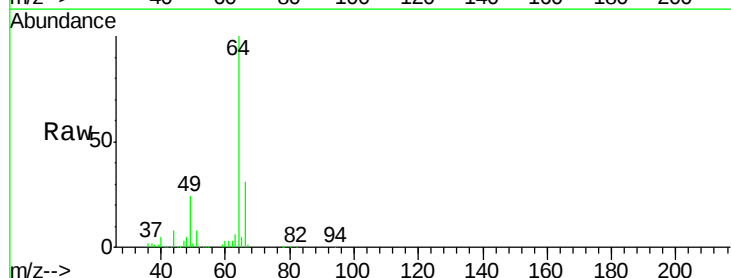
Acq: 08 Mar 2019 16:02

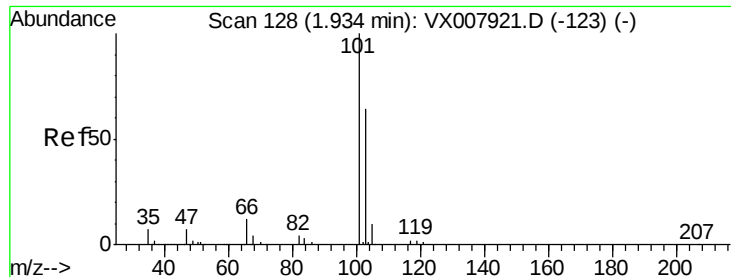
Tgt Ion: 64 Resp: 32610

Ion Ratio Lower Upper

64 100

66 32.3 23.9 35.9





#7

Trichlorofluoromethane

Concen: 18.926 ug/l

RT: 1.93 min Scan# 128

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

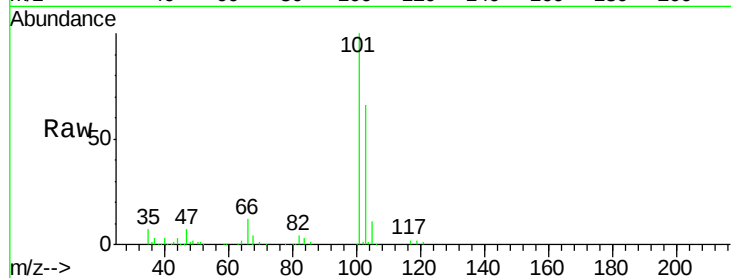
VSTDCCC020EC

Tot Ion:101 Resp: 69462

Ion Ratio Lower Upper

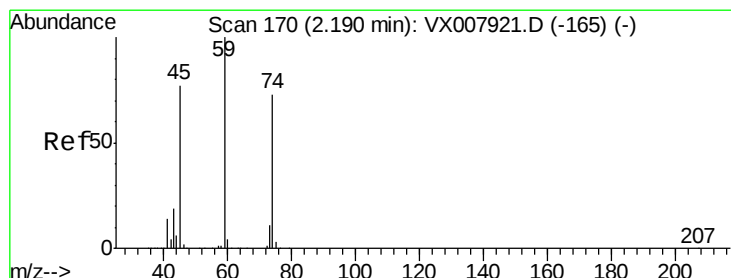
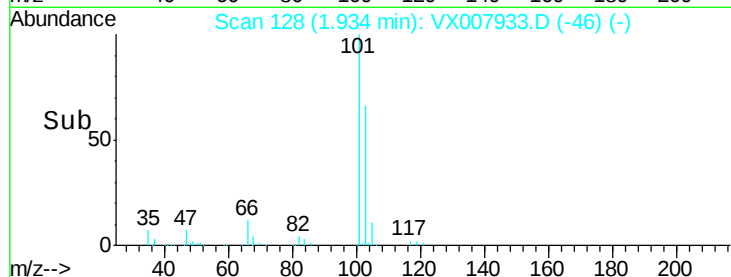
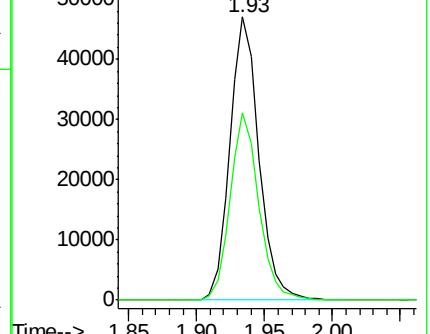
101 100

103 66.1 50.4 75.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.688 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX007933.D

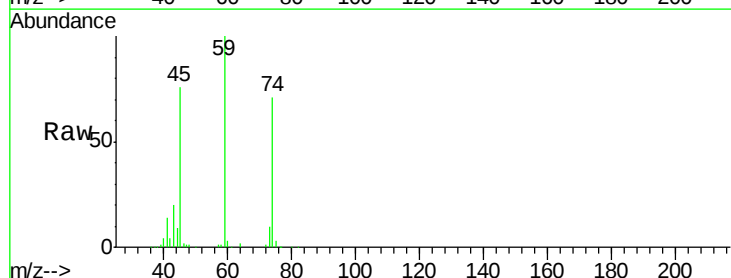
Acq: 08 Mar 2019 16:02

Tgt Ion: 74 Resp: 39102

Ion Ratio Lower Upper

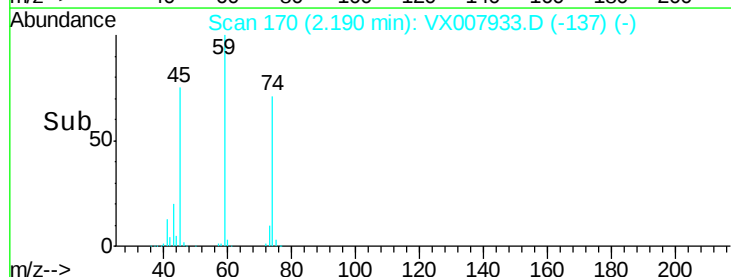
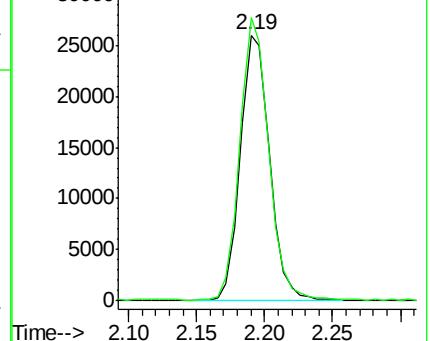
74 100

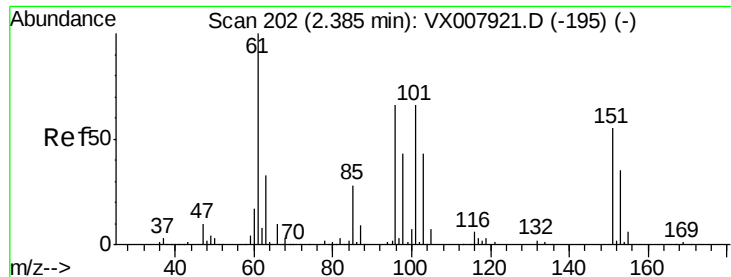
45 103.8 18.6 167.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.702 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

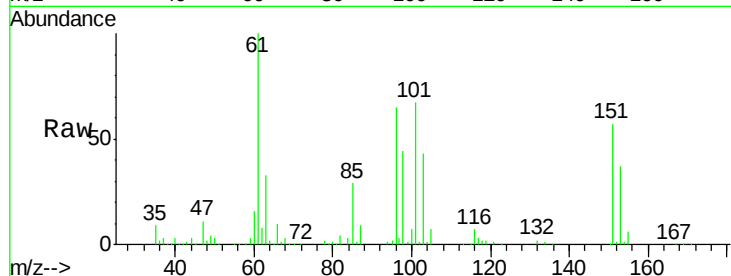
Tot Ion:101 Resp: 54364

Ion Ratio Lower Upper

101 100

85 42.2 0.0 86.8

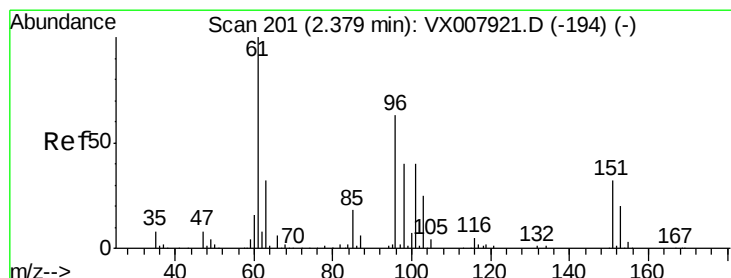
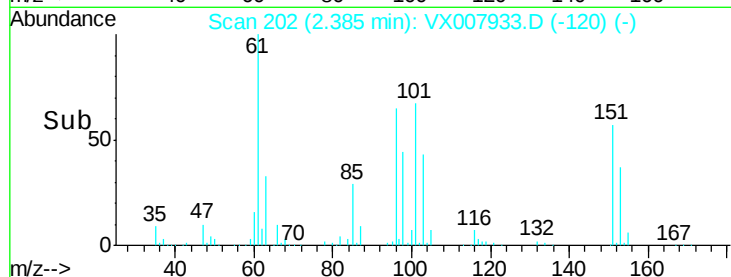
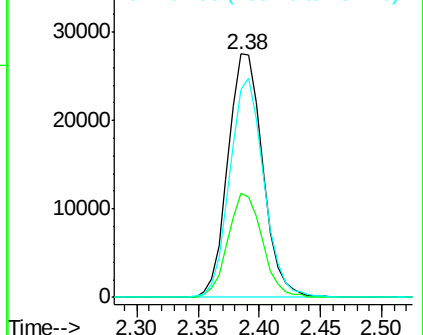
151 88.0 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.472 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

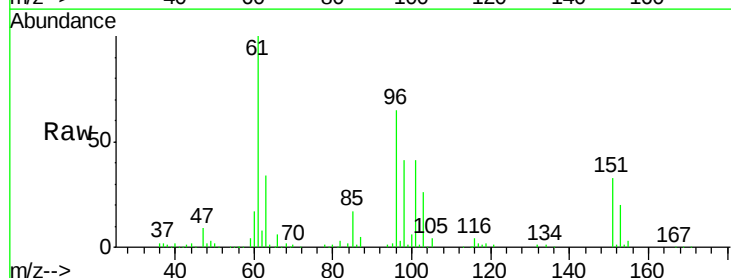
Tgt Ion: 96 Resp: 53542

Ion Ratio Lower Upper

96 100

61 154.5 120.2 180.2

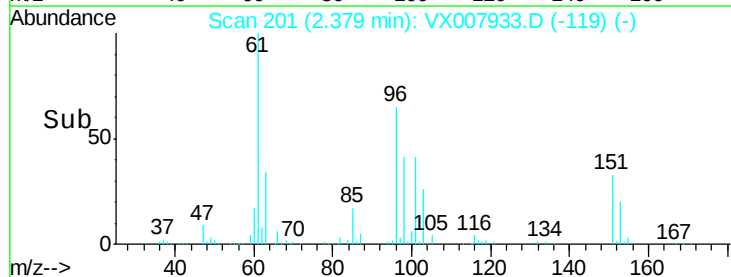
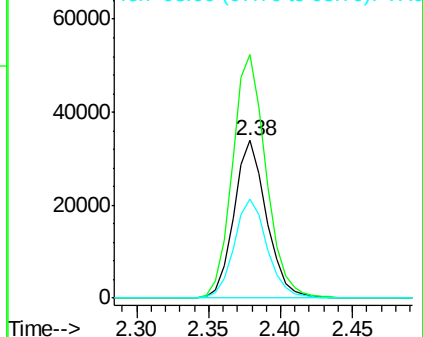
98 63.0 49.0 73.4

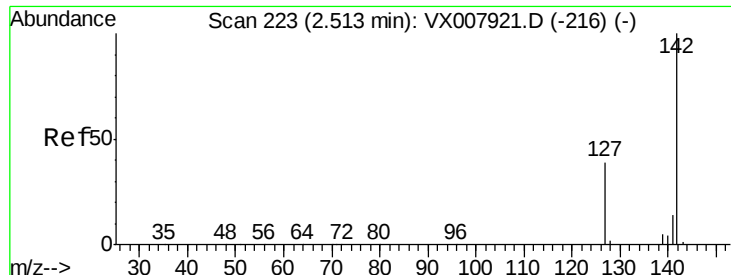


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

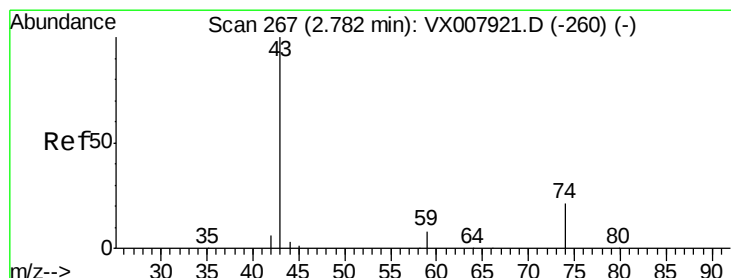
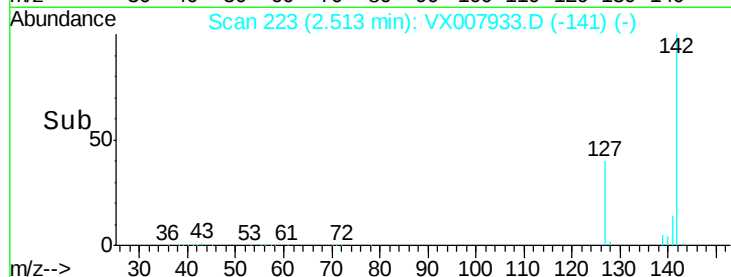
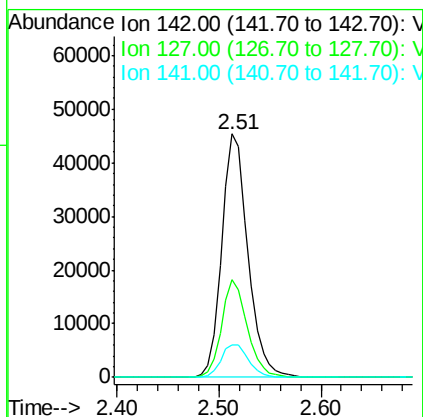
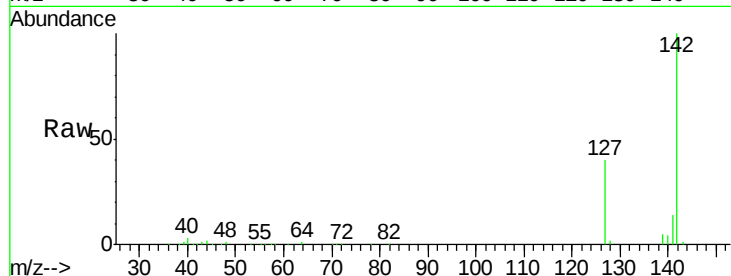




#11
Methvl Iodide
Concen: 19.762 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

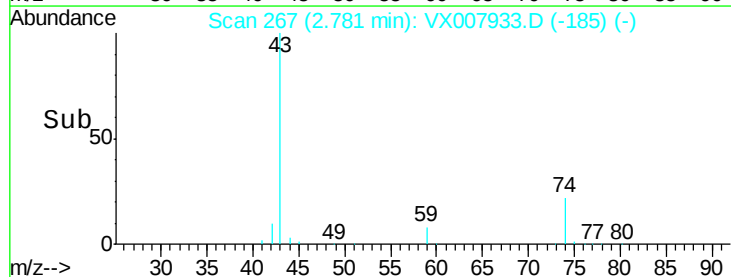
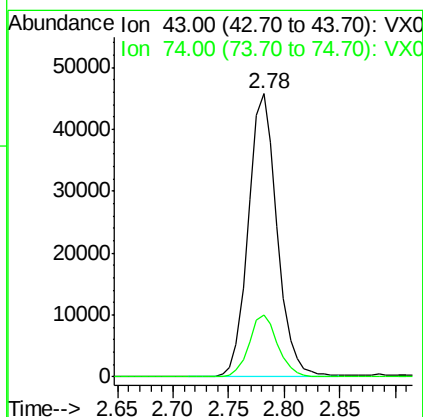
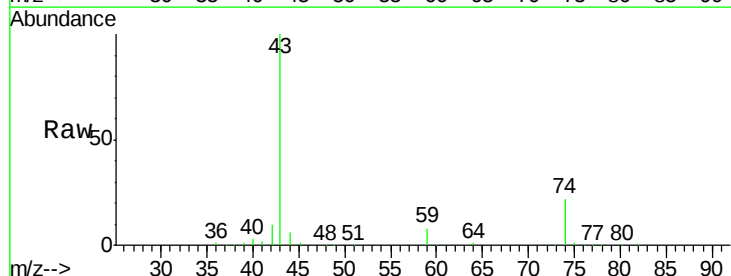
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

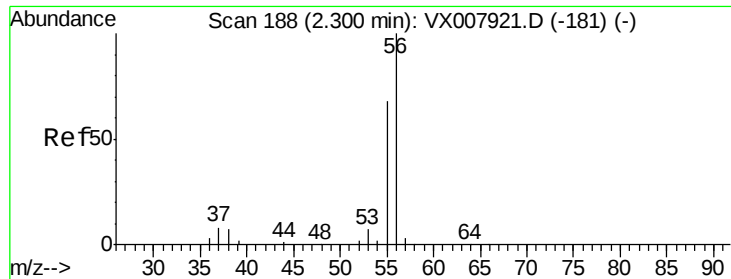
Tot Ion:142 Resp: 80909
Ion Ratio Lower Upper
142 100
127 39.9 22.1 66.5
141 13.6 7.4 22.3



#12
Methyl Acetate
Concen: 19.818 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 81977
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.0

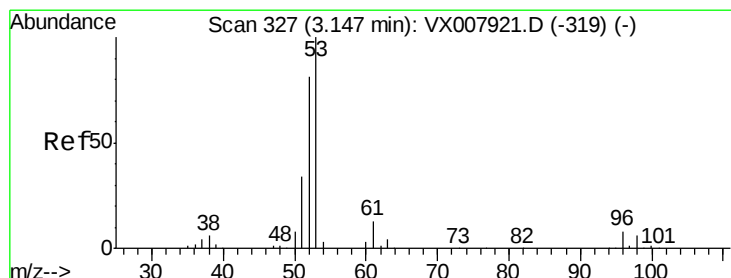
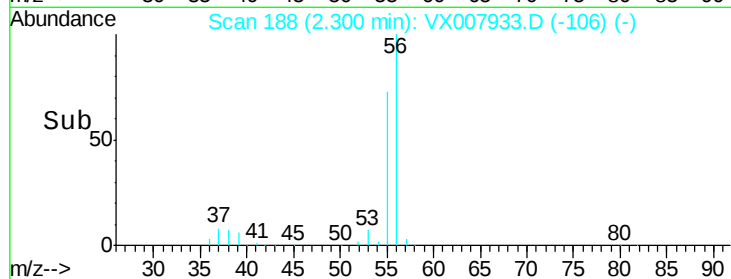
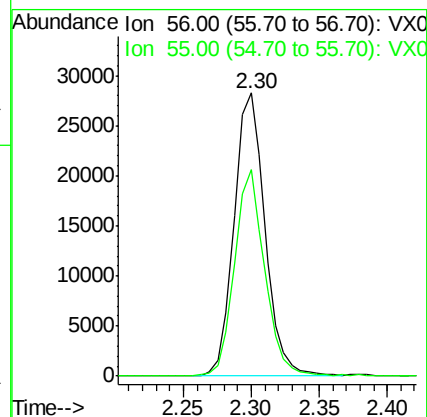
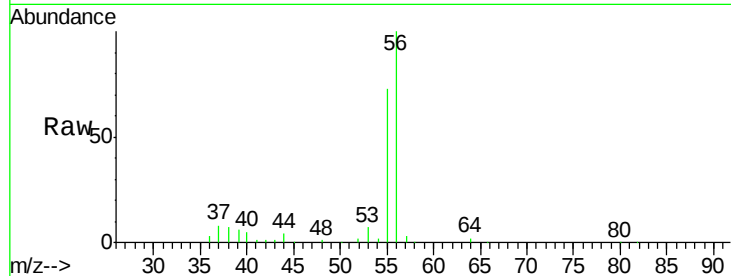




#13
Acrolein
Concen: 92.274 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

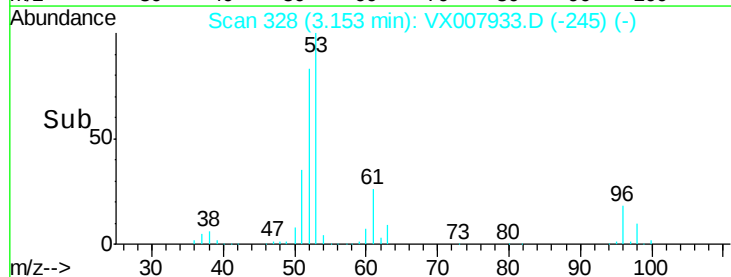
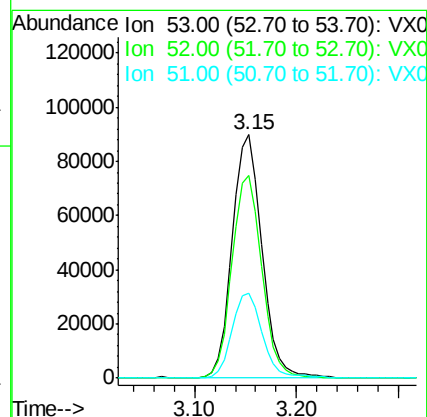
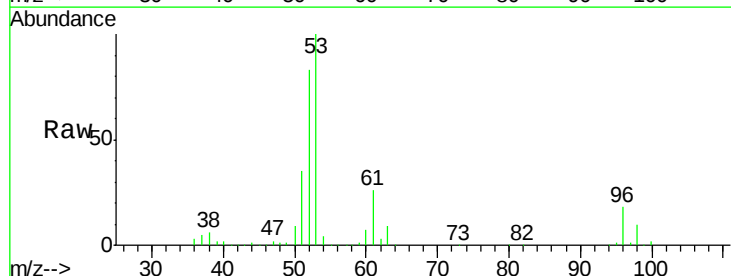
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

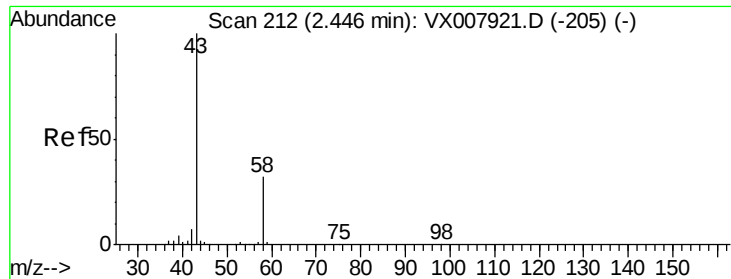
Tot Ion: 56 Resp: 44779
Ion Ratio Lower Upper
56 100
55 70.9 58.6 87.8



#14
Acrylonitrile
Concen: 104.011 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 53 Resp: 182633
Ion Ratio Lower Upper
53 100
52 82.9 41.3 124.1
51 34.7 17.5 52.6





#15

Acetone

Concen: 80.997 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

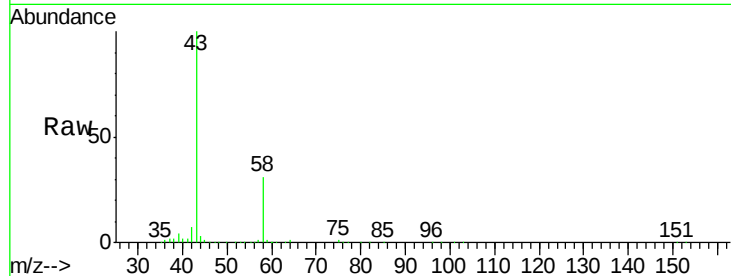
VSTDCCC020EC

Tot Ion: 58 Resp: 51348

Ion Ratio Lower Upper

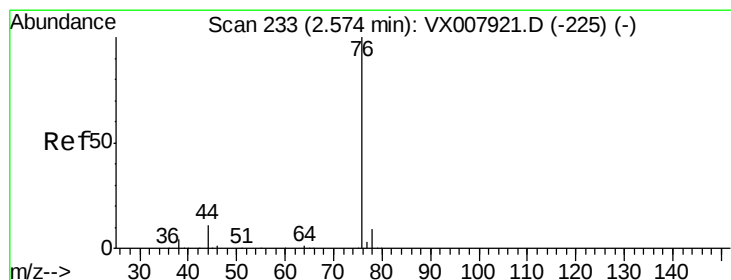
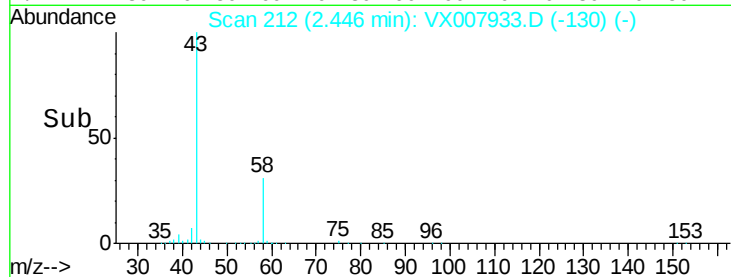
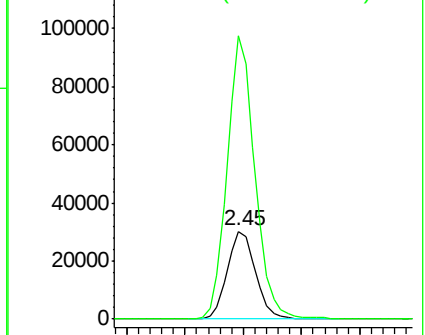
58 100

43 321.5 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.221 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007933.D

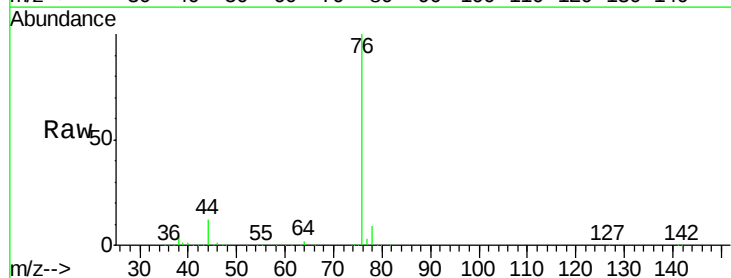
Acq: 08 Mar 2019 16:02

Tgt Ion: 76 Resp: 165928

Ion Ratio Lower Upper

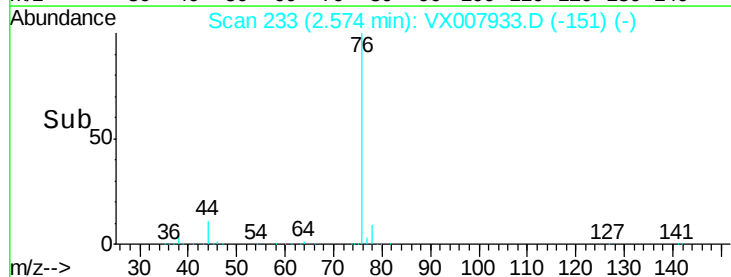
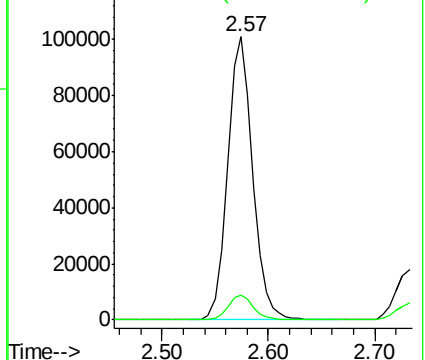
76 100

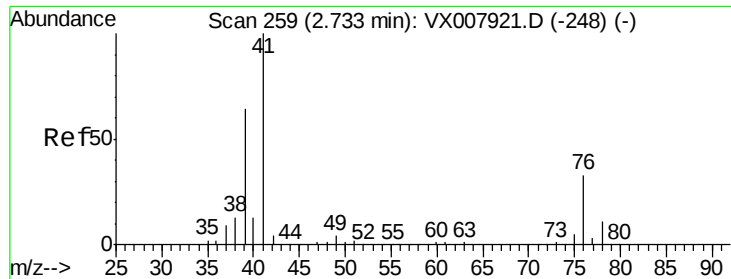
78 9.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

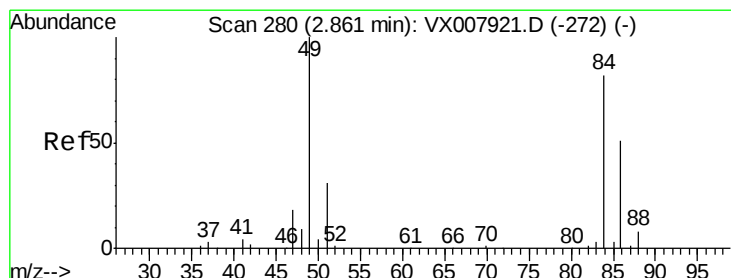
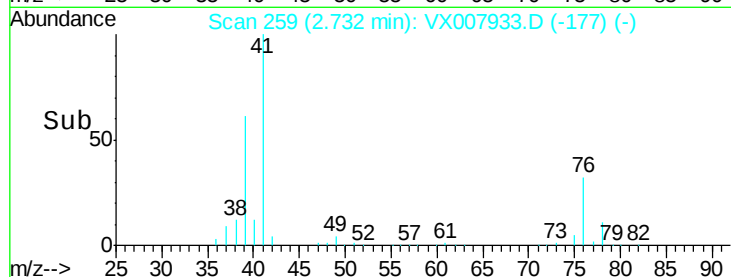
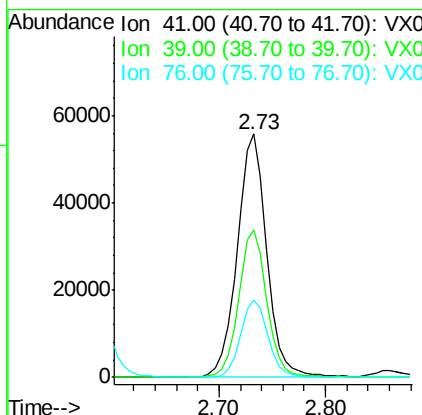
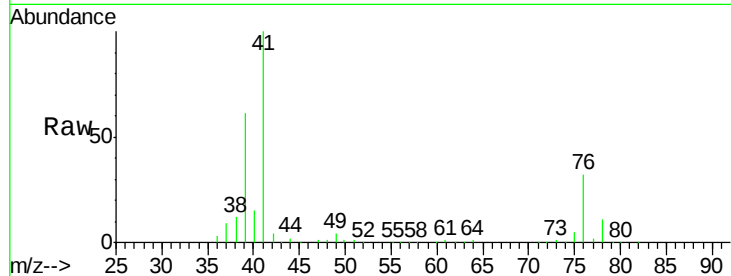




#17
Allvl chloride
Concen: 20.150 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

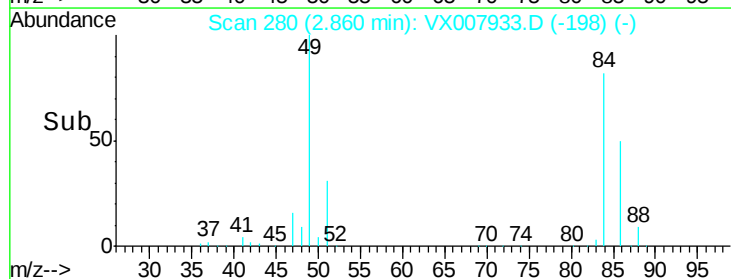
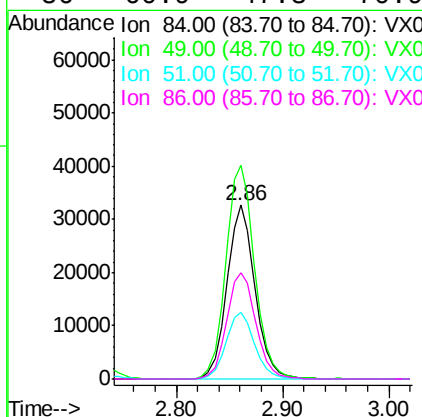
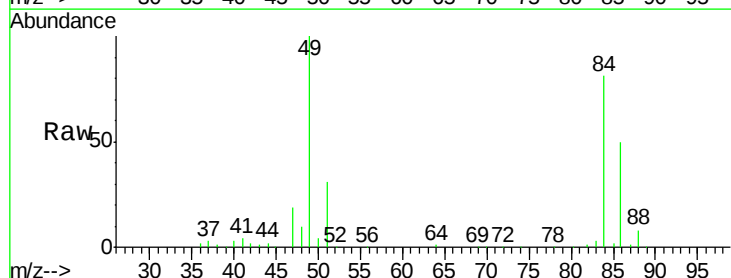
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

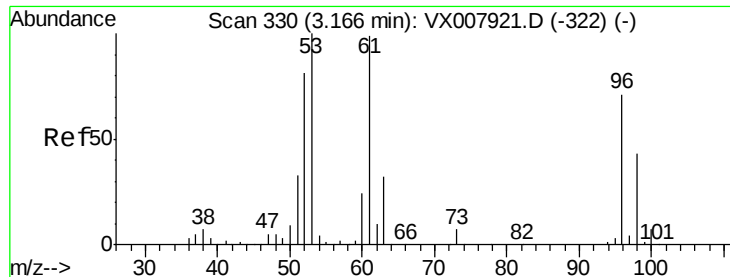
Tot Ion: 41 Resp: 108047
Ion Ratio Lower Upper
41 100
39 60.8 35.8 107.4
76 32.0 18.3 54.9



#18
Methylene Chloride
Concen: 20.207 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 84 Resp: 60208
Ion Ratio Lower Upper
84 100
49 122.9 96.1 144.1
51 38.5 29.1 43.7
86 60.9 47.3 70.9

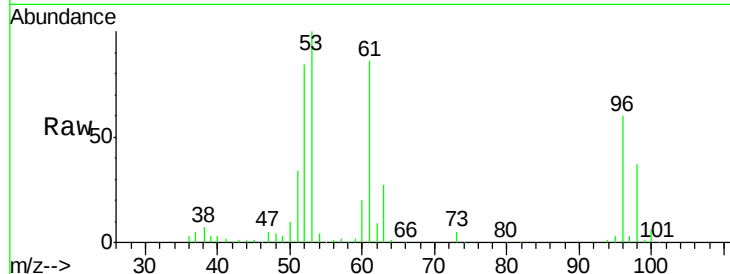




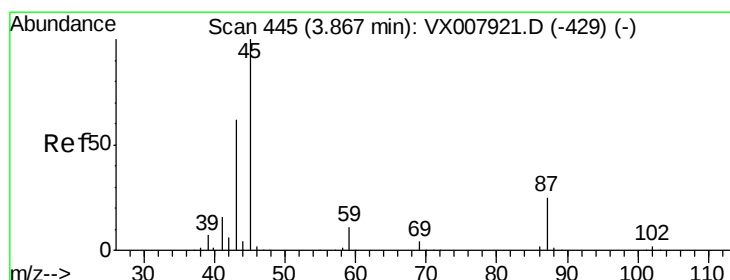
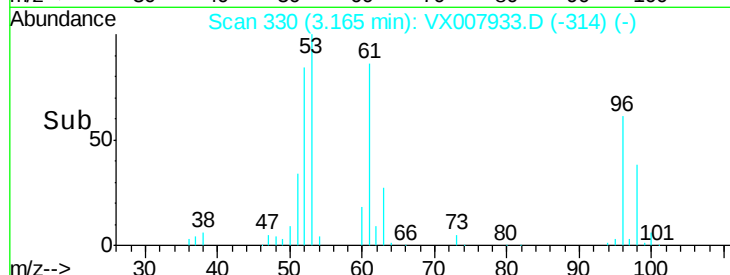
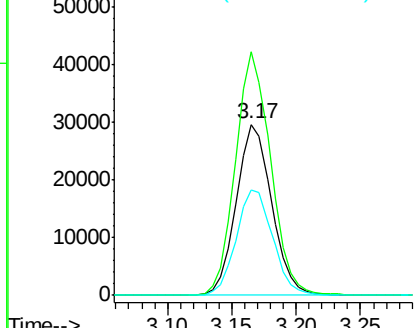
#19
trans-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 56671
Ion Ratio Lower Upper
96 100
61 142.4 109.9 164.9
98 61.8 50.4 75.6

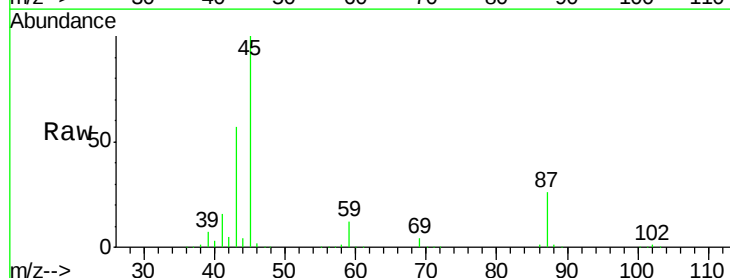


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

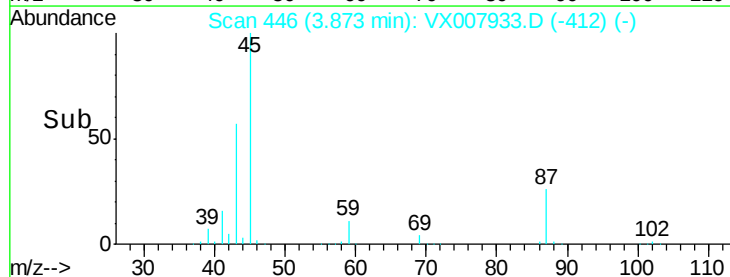
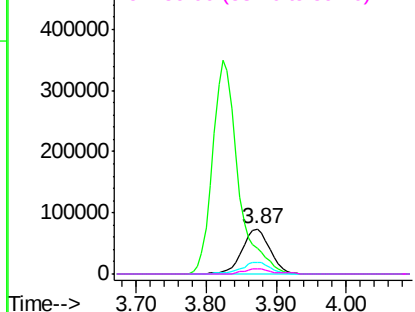


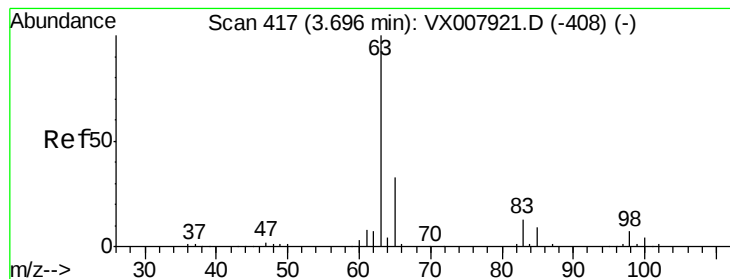
#20
Diisopropyl ether
Concen: 20.889 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 45 Resp: 204908
Ion Ratio Lower Upper
45 100
43 56.5 50.6 76.0
87 25.8 24.5 36.7
59 11.6 10.2 15.2



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





#21

1,1-Dichloroethane

Concen: 20.240 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

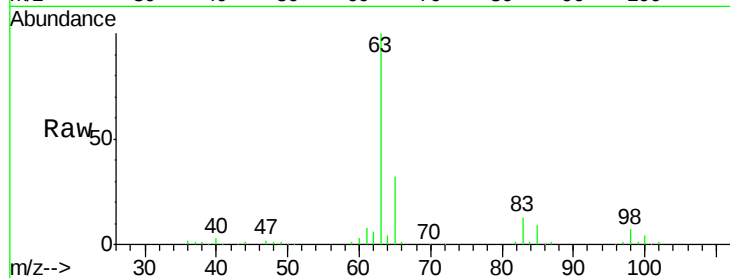
Tot Ion: 63 Resp: 107984

Ion Ratio Lower Upper

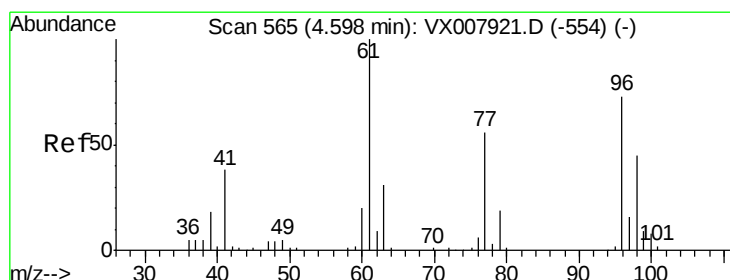
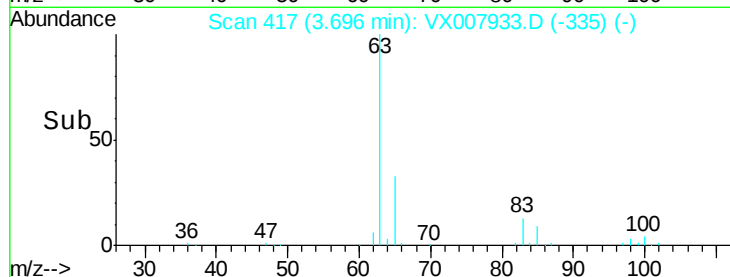
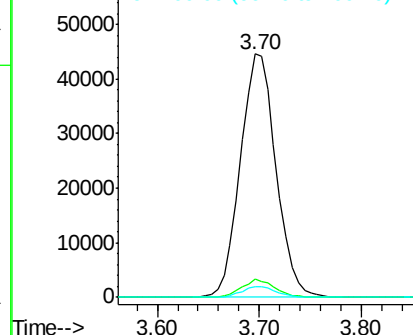
63 100

98 7.3 3.8 11.4

100 4.3 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 20.355 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

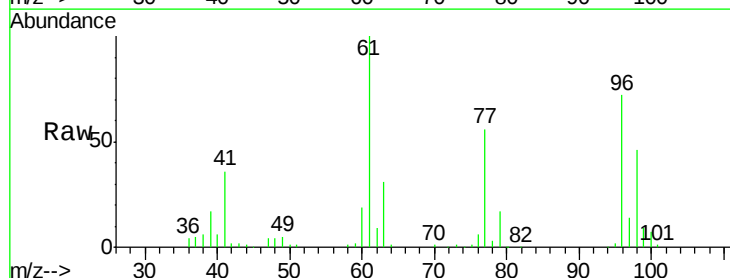
Tgt Ion: 96 Resp: 64978

Ion Ratio Lower Upper

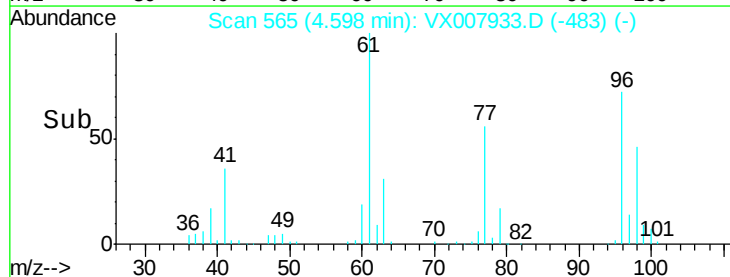
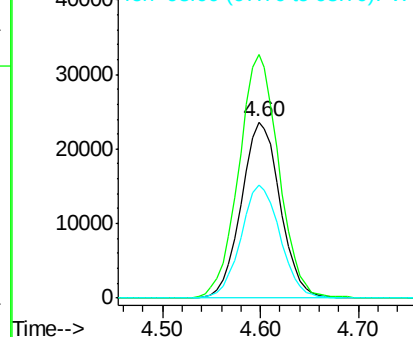
96 100

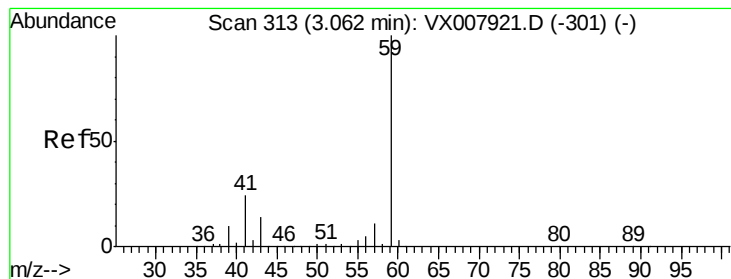
61 142.6 103.5 155.3

98 64.7 52.1 78.1



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



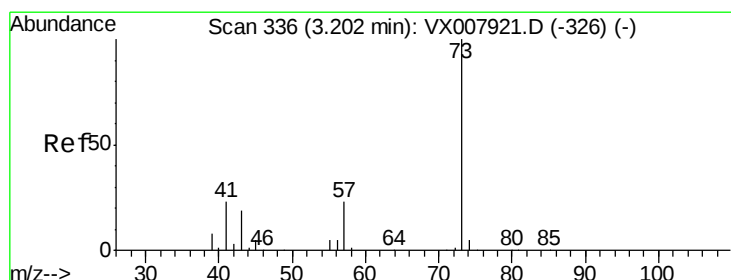
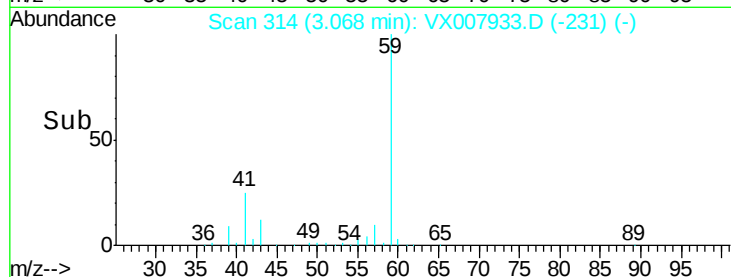
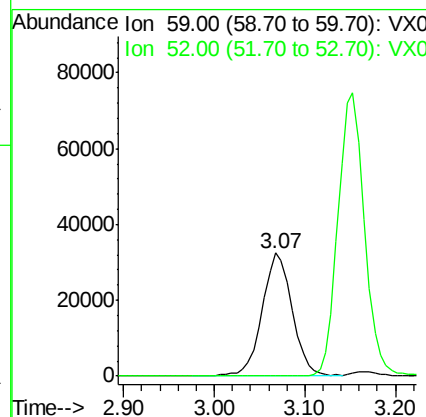
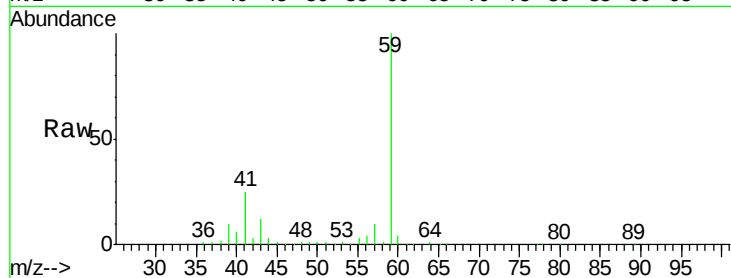


#23

tert-Butyl Alcohol
 Concen: 105.976 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

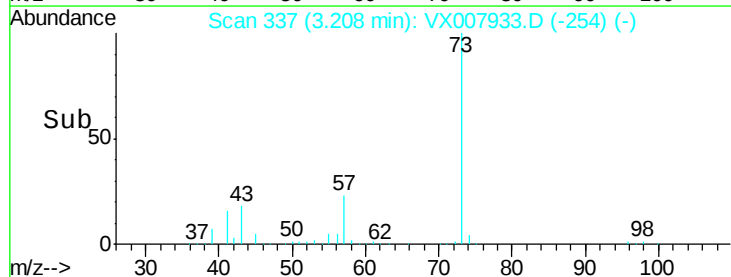
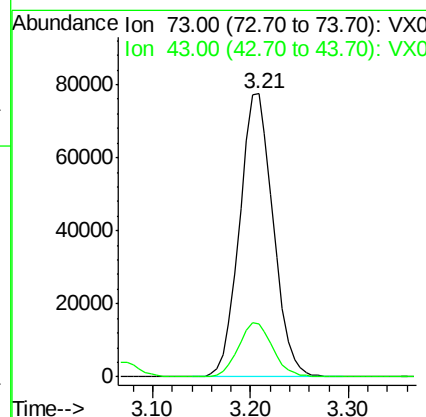
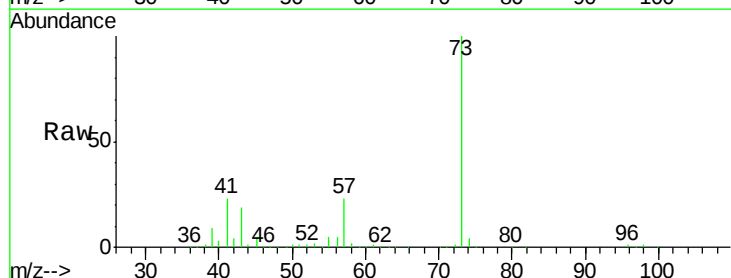
Tot Ion: 59 Resp: 75072
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

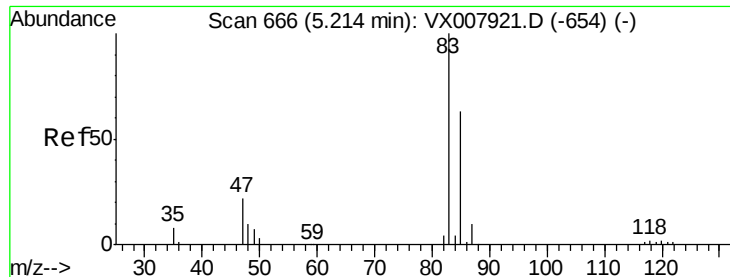


#24

Methyl tert-Butyl Ether
 Concen: 20.544 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 73 Resp: 184742
 Ion Ratio Lower Upper
 73 100
 43 19.3 17.1 25.7





#25

Chloroform

Concen: 20.460 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

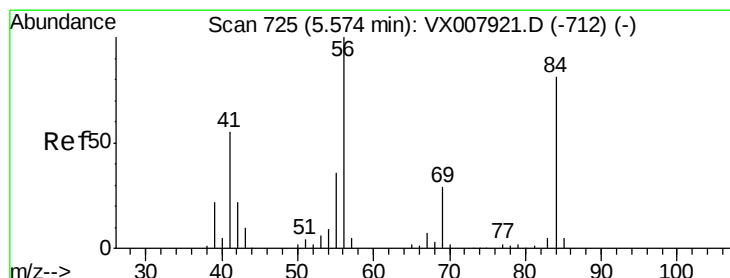
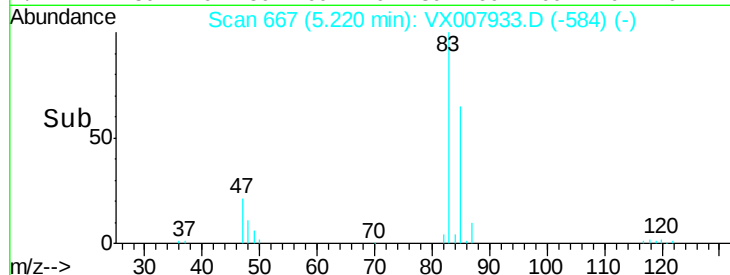
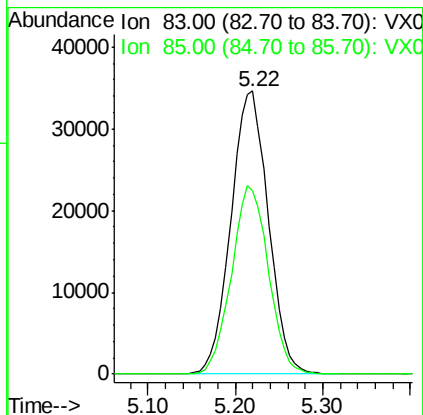
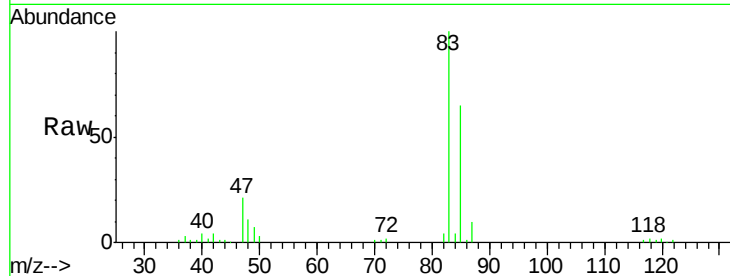
VSTDCCC020EC

Tot Ion: 83 Resp: 103029

Ion Ratio Lower Upper

83 100

85 64.8 53.8 80.6



#26

Cyclohexane

Concen: 20.274 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

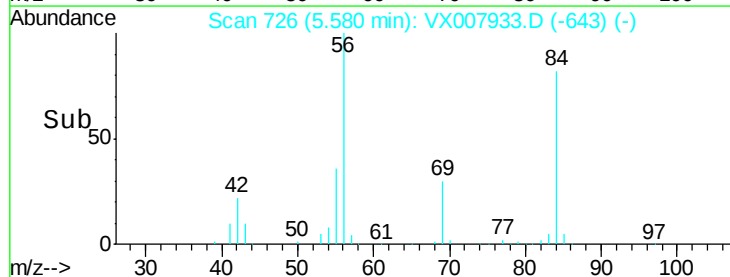
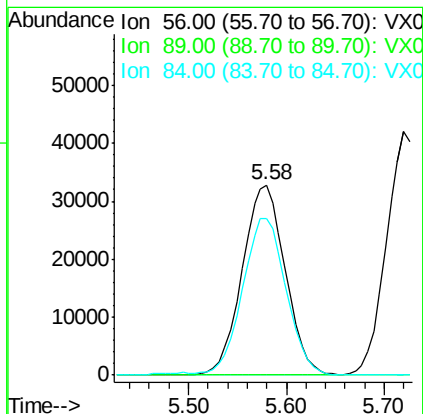
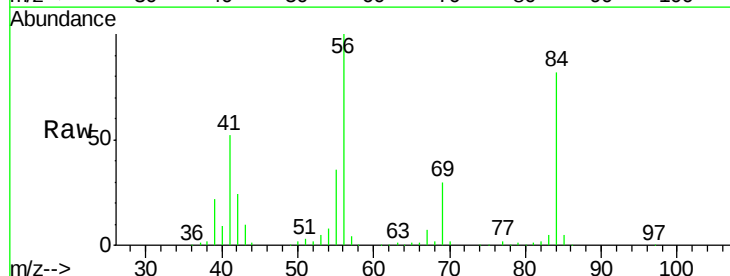
Tgt Ion: 56 Resp: 99948

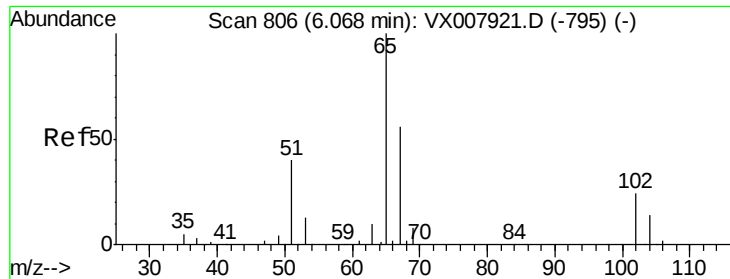
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.6 73.9 110.9

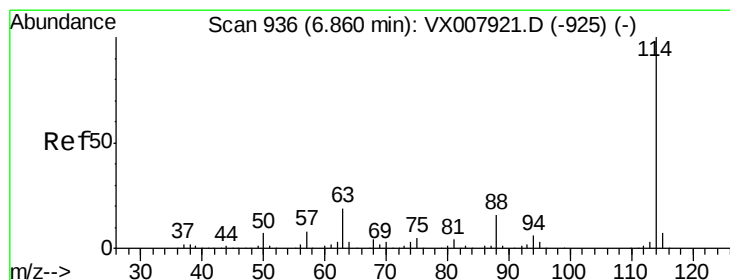
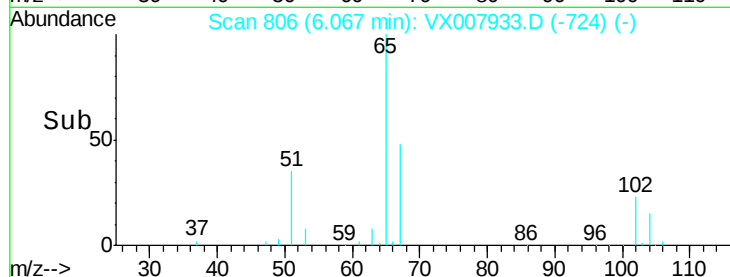
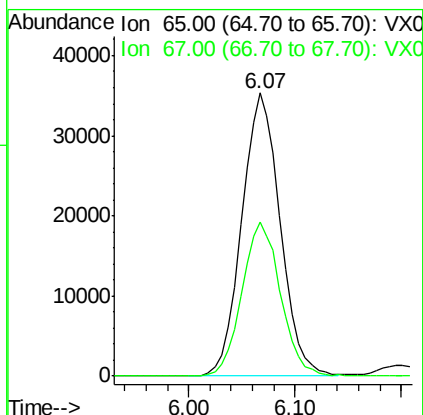
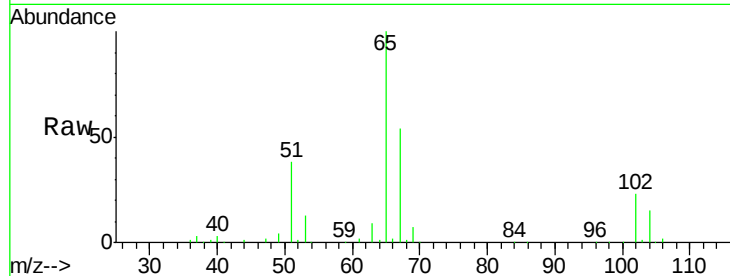




#27
 1,2-Dichloroethane-d4
 Concen: 30.140 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

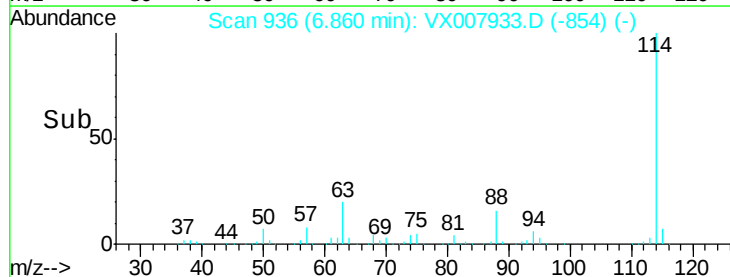
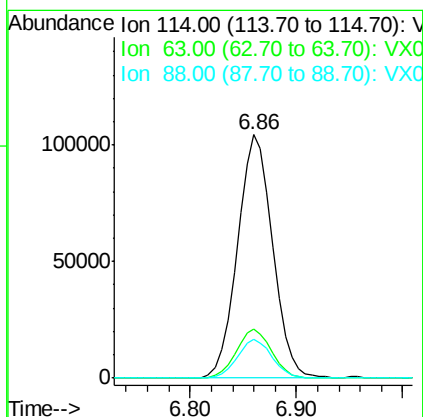
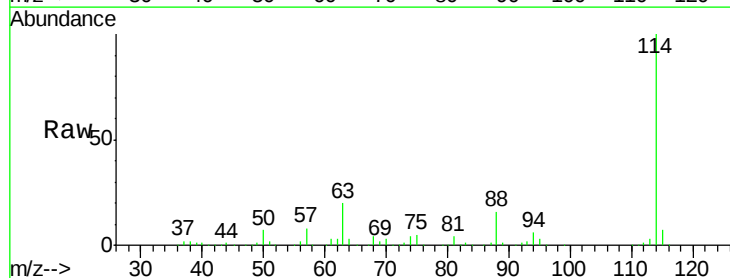
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

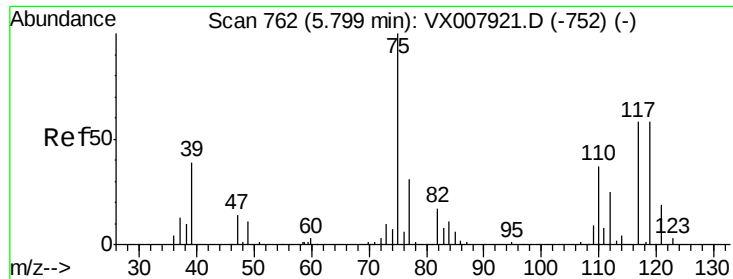
Tot Ion: 65 Resp: 89293
 Ion Ratio Lower Upper
 65 100
 67 54.7 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 114 Resp: 241727
 Ion Ratio Lower Upper
 114 100
 63 20.2 14.2 21.4
 88 15.8 11.9 17.9

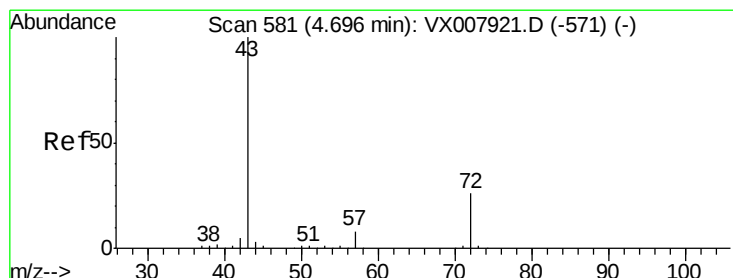
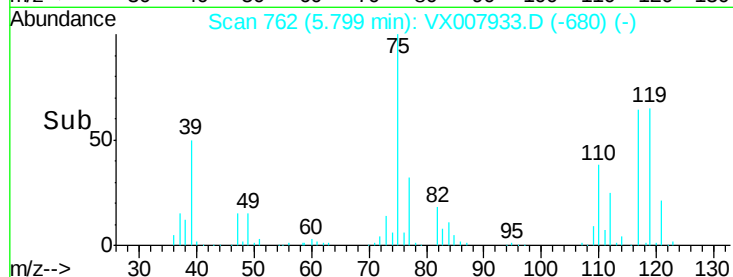
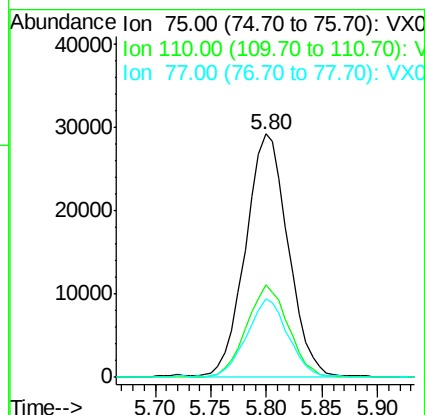
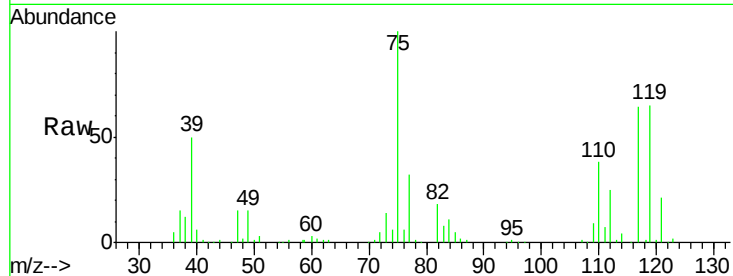




#29
 1,1-Dichloropropene
 Concen: 20.408 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

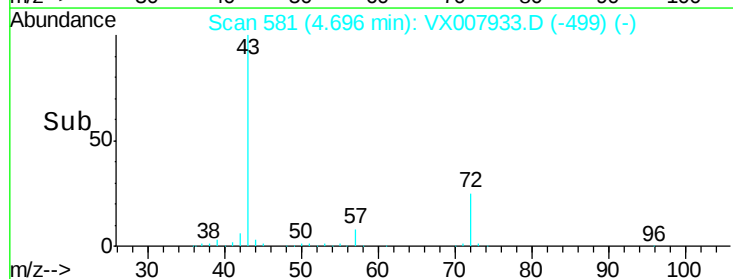
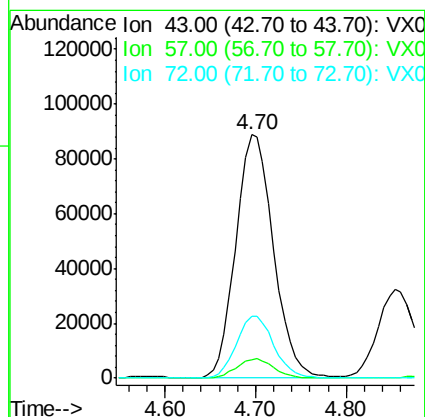
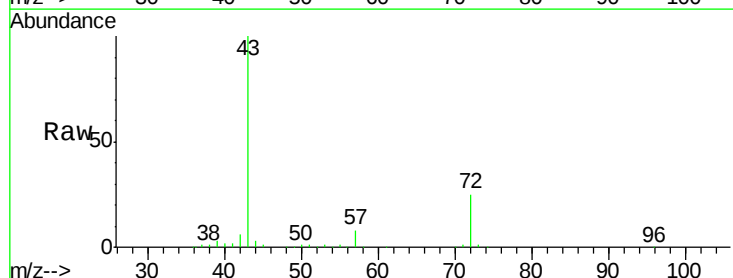
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

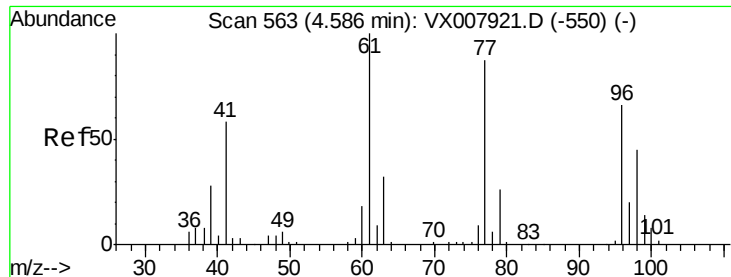
Tot Ion: 75 Resp: 78220
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 80.8
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 98.780 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 255354
 Ion Ratio Lower Upper
 43 100
 57 8.0 7.0 10.6
 72 25.5 21.5 32.3

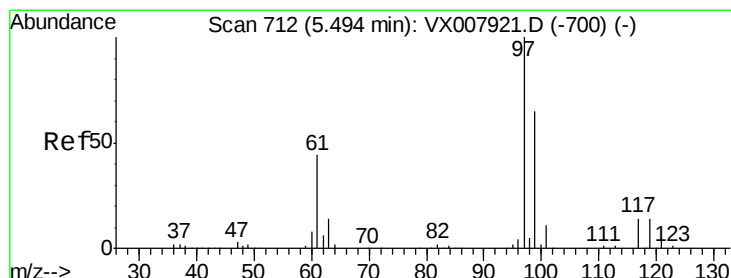
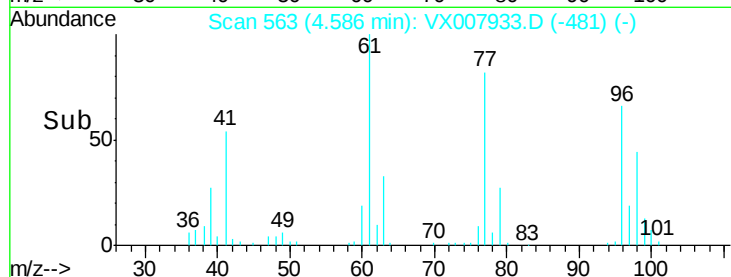
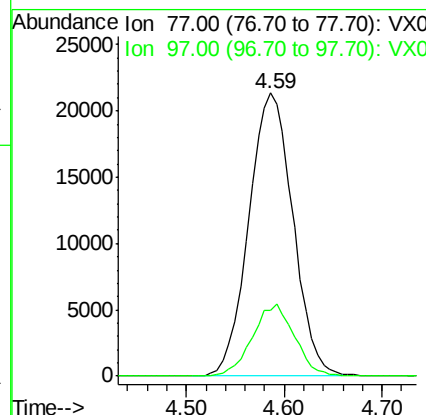
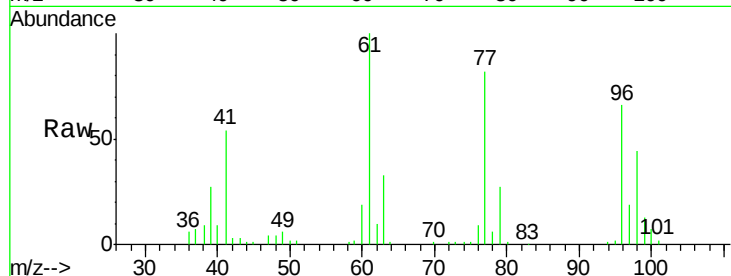




#31
 2,2-Dichloropropane
 Concen: 18.858 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

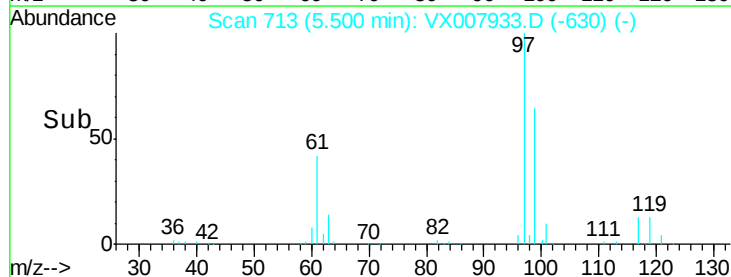
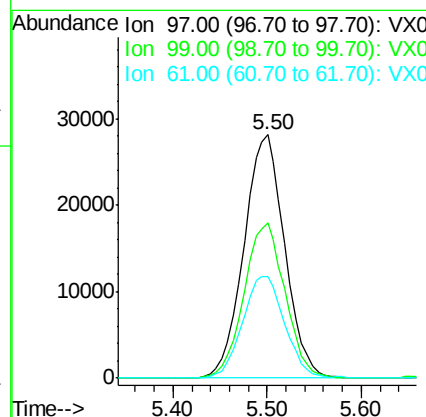
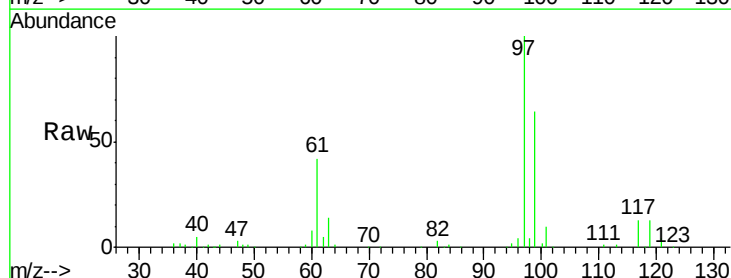
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

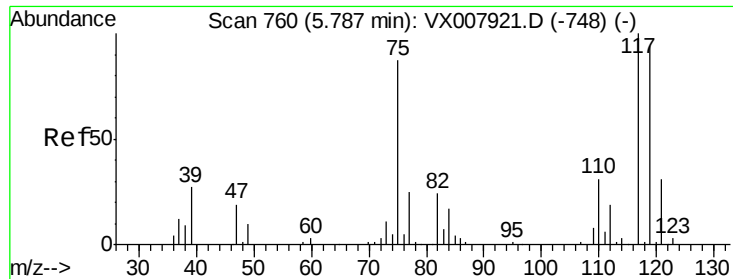
Tot Ion: 77 Resp: 66759
 Ion Ratio Lower Upper
 77 100
 97 24.4 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 20.522 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 97 Resp: 85055
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.7 77.5
 61 43.1 32.8 49.2

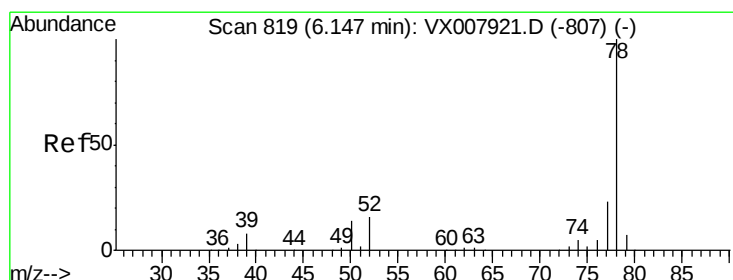
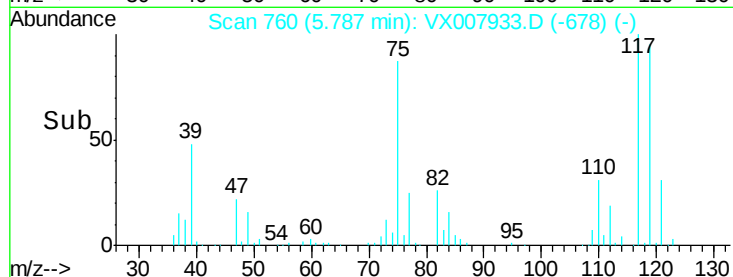
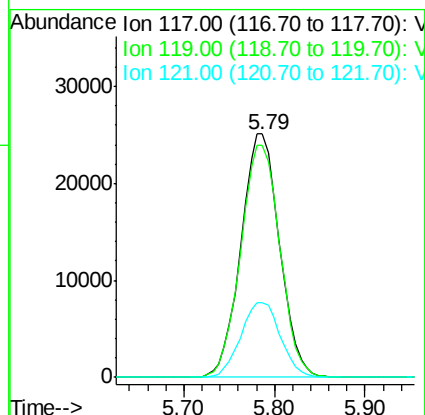
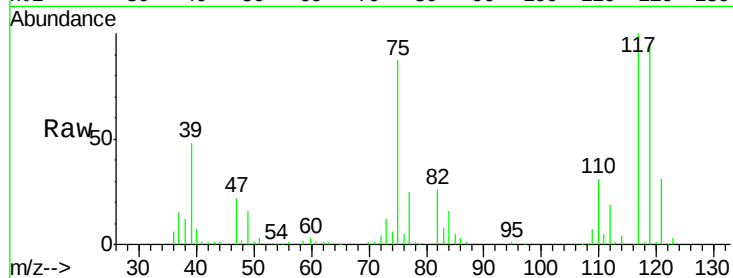




#33
Carbon Tetrachloride
Concen: 20.138 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

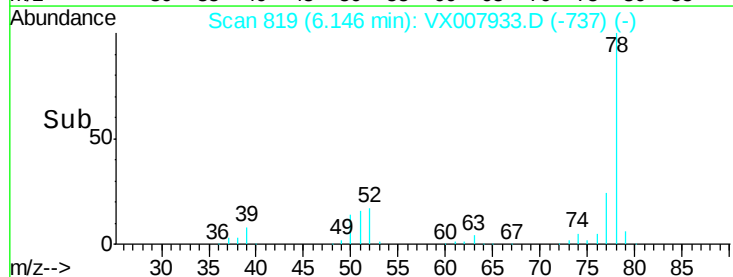
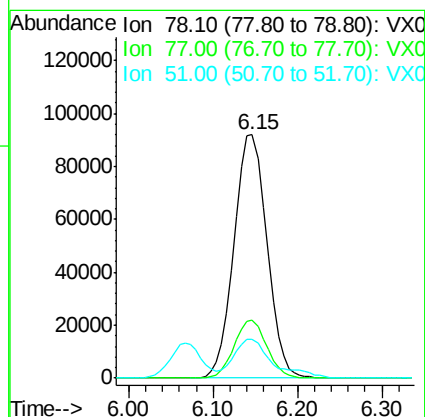
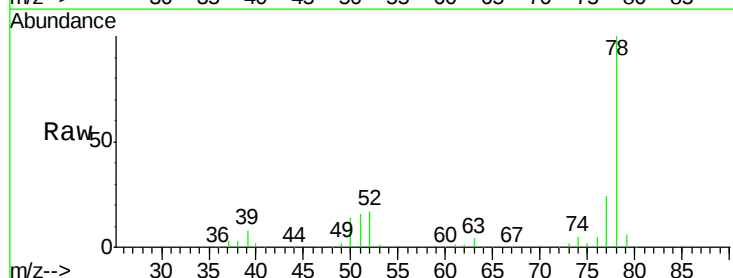
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

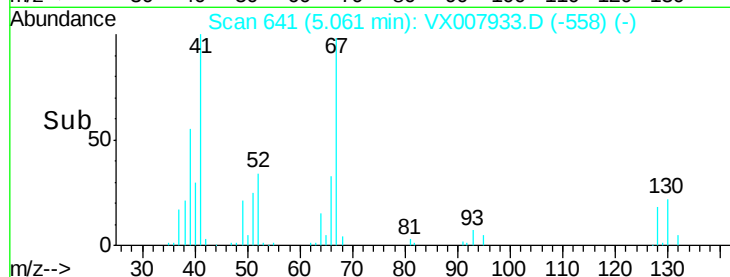
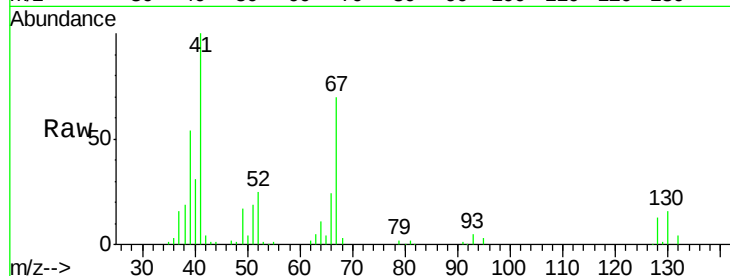
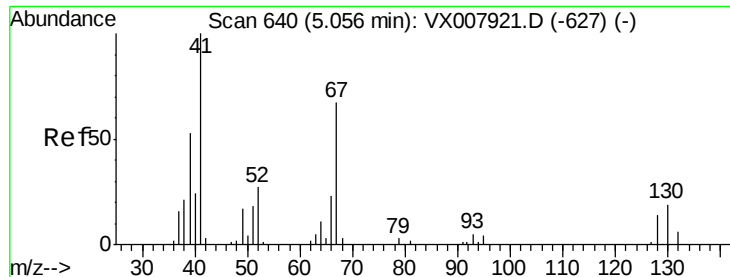
Tot Ion:117 Resp: 74031
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
121 30.7 27.0 40.6



#34
Benzene
Concen: 20.797 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 78 Resp: 244278
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7
51 16.0 10.8 16.2

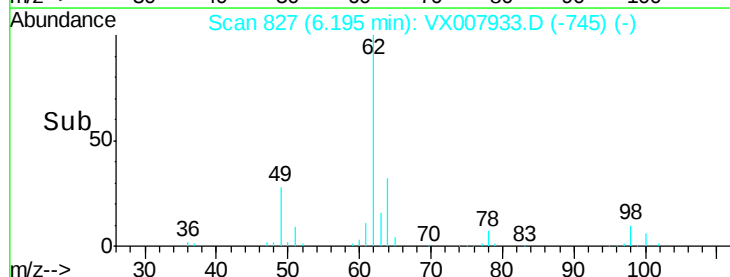
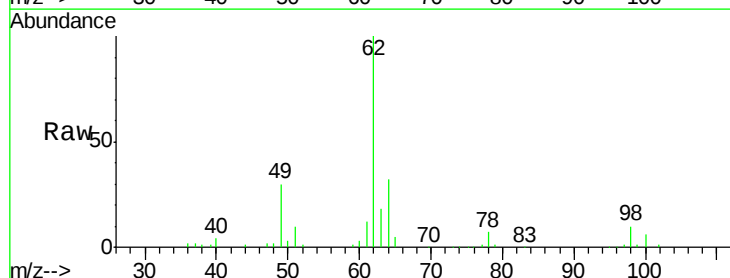
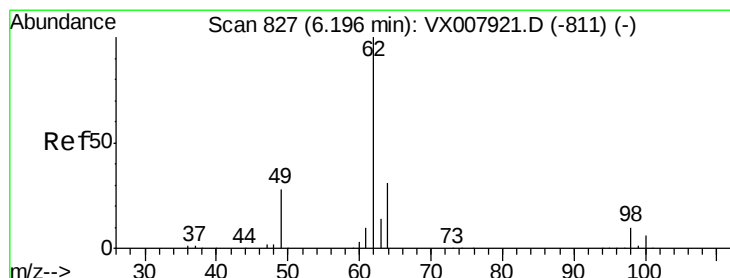
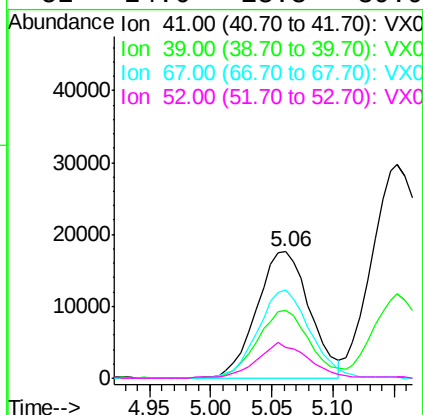




#35
Methacrylonitrile
Concen: 21.093 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

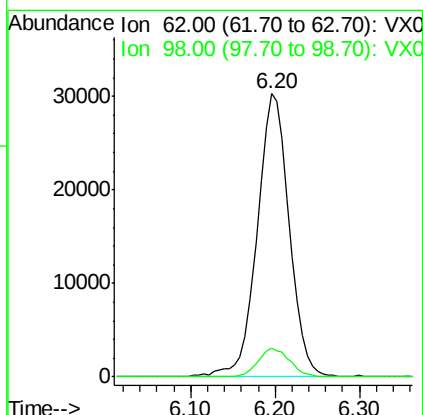
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

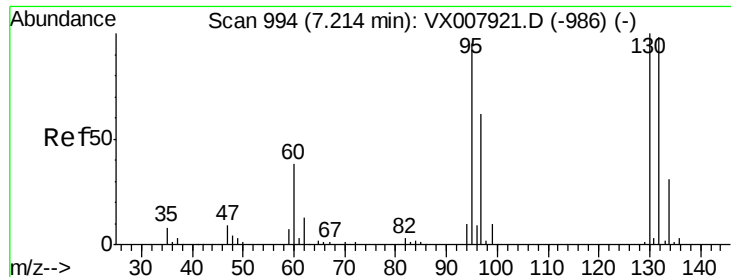
Tot Ion: 41 Resp: 53133
Ion Ratio Lower Upper
41 100
39 54.2 27.4 82.0
67 70.1 37.9 113.6
52 24.6 13.3 39.9



#36
1,2-Dichloroethane
Concen: 20.718 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 62 Resp: 79171
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8

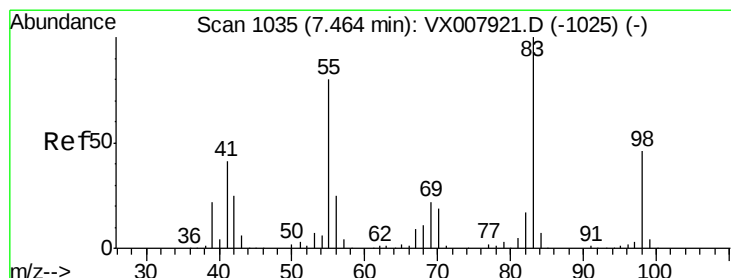
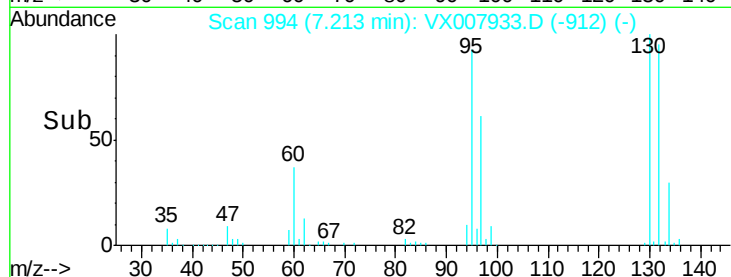
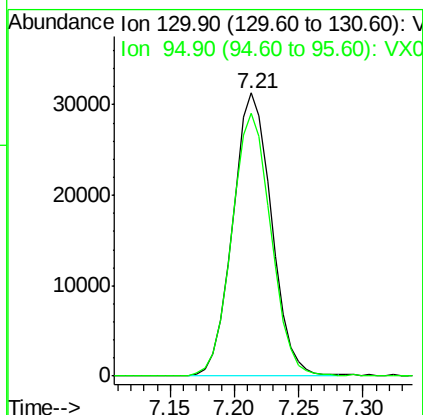
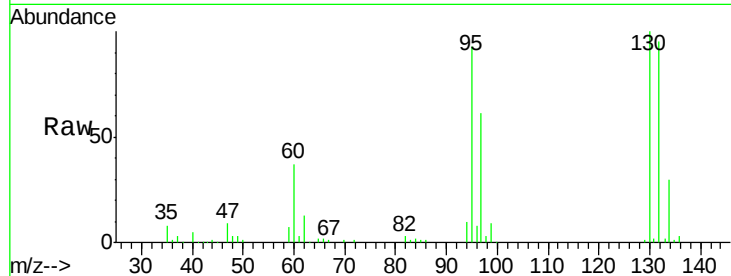




#37
 Trichloroethene
 Concen: 20.559 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

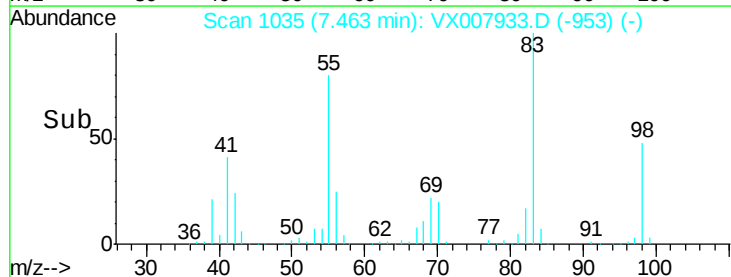
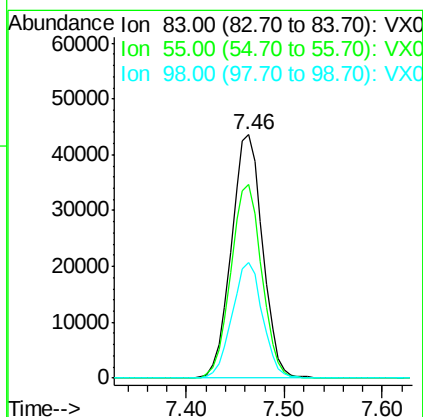
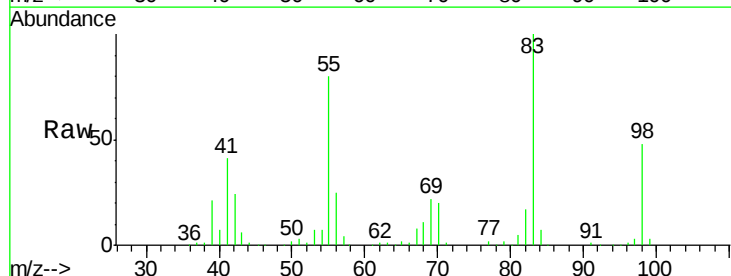
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

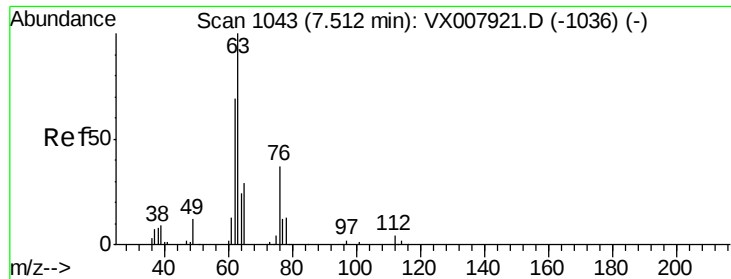
Tot Ion:130 Resp: 65425
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.3 106.9



#38
 Methylcyclohexane
 Concen: 19.822 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 83 Resp: 96594
 Ion Ratio Lower Upper
 83 100
 55 78.5 36.0 108.0
 98 46.2 23.8 71.4

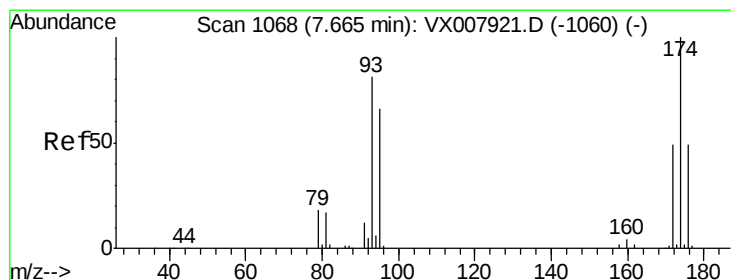
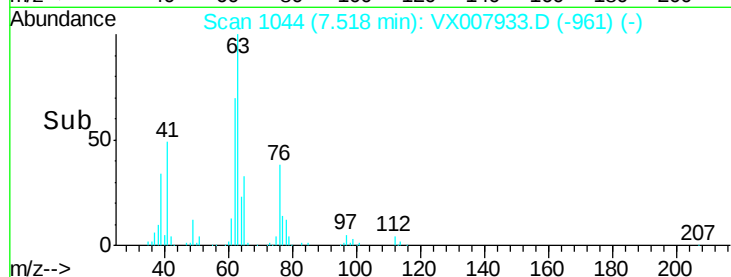
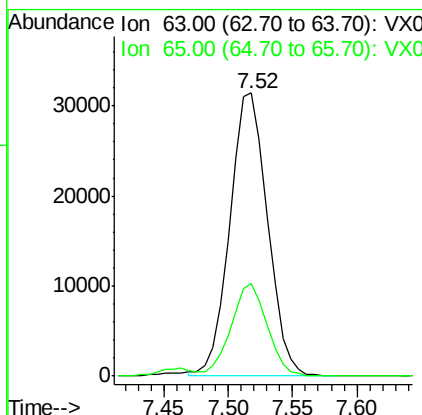
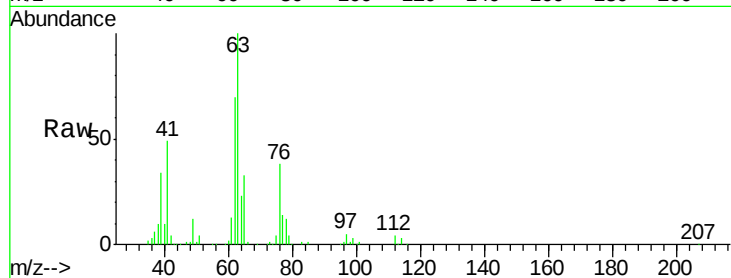




#39
 1,2-Dichloropropane
 Concen: 20.935 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

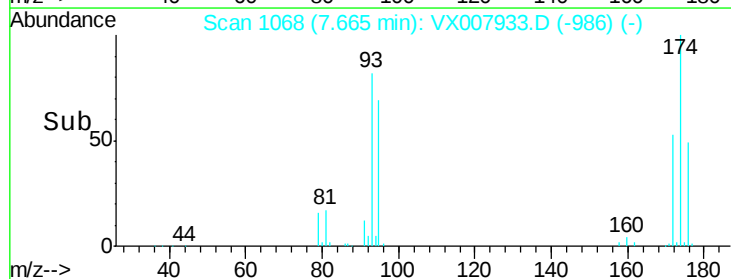
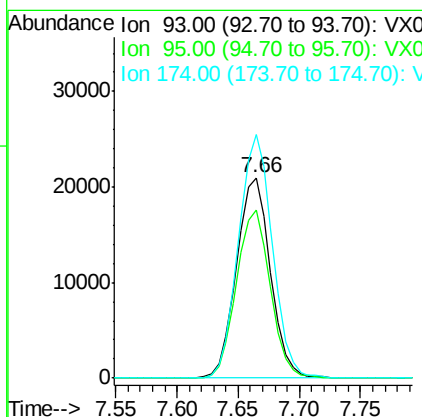
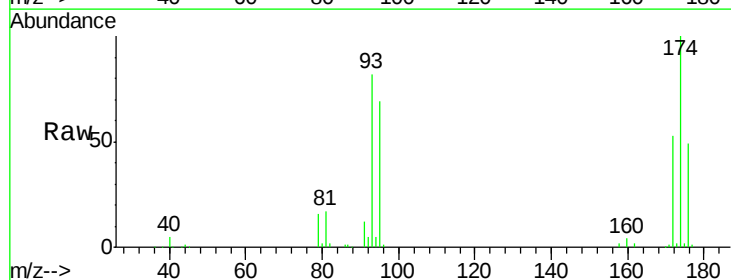
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

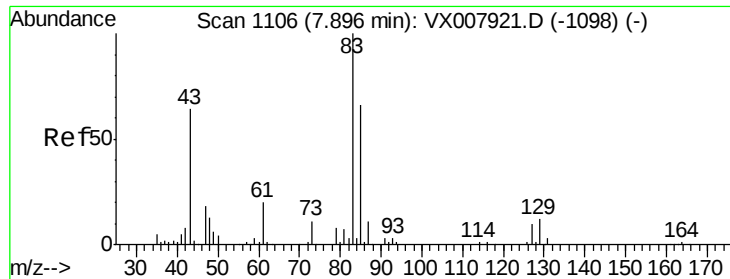
Tot Ion: 63 Resp: 64129
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 37.0



#40
 Dibromomethane
 Concen: 20.819 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 93 Resp: 40451
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 121.2 0.0 224.2





#41

Bromodichloromethane

Concen: 20.248 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

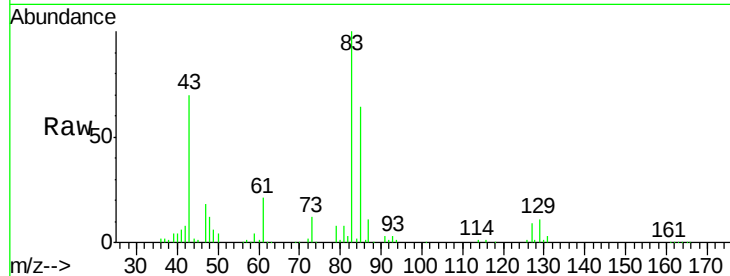
Tot Ion: 83 Resp: 74364

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

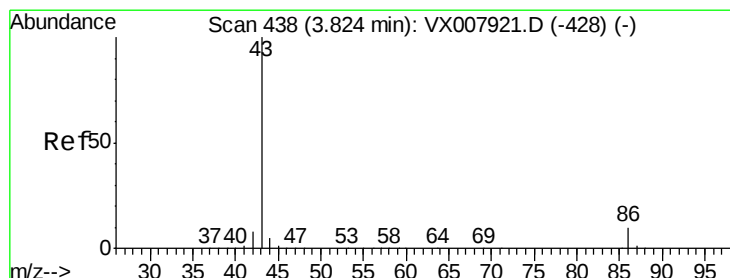
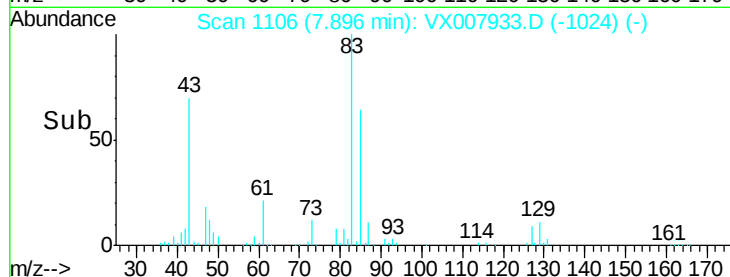
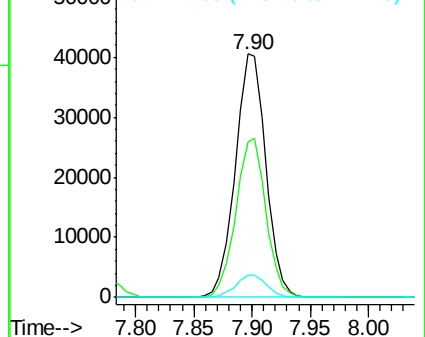
127 8.8 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 106.256 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007933.D

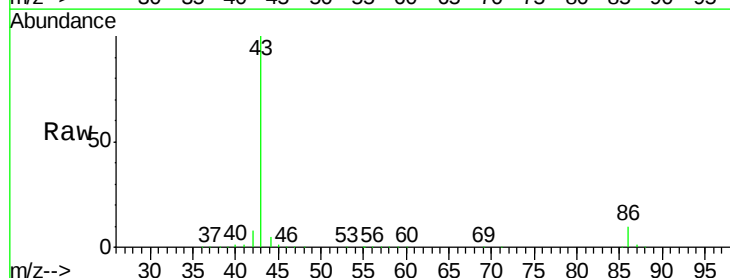
Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 889141

Ion Ratio Lower Upper

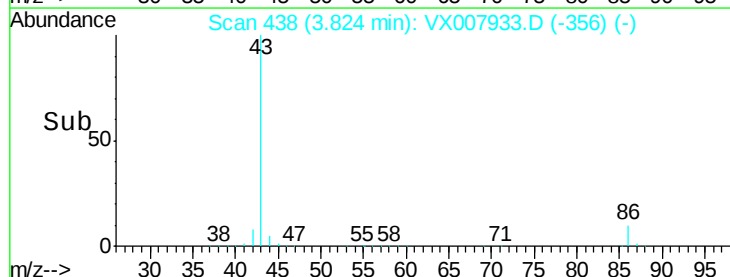
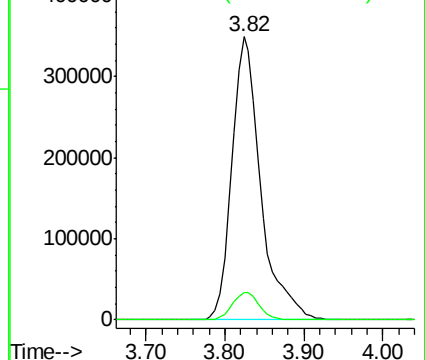
43 100

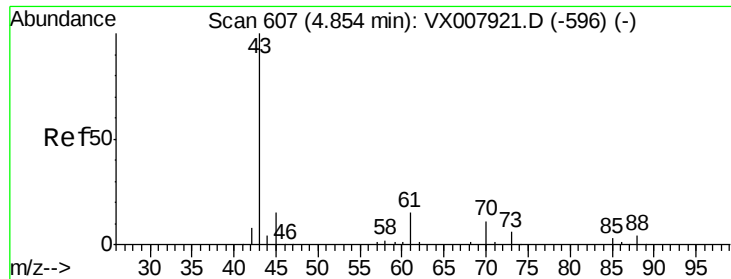
86 9.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

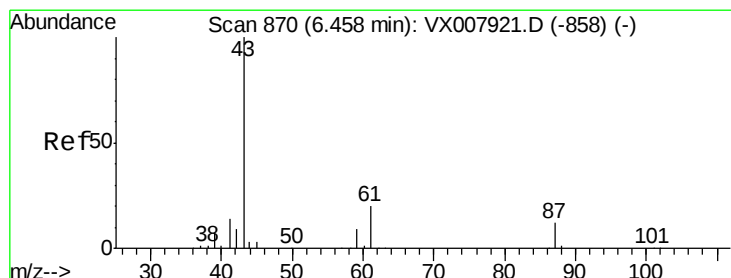
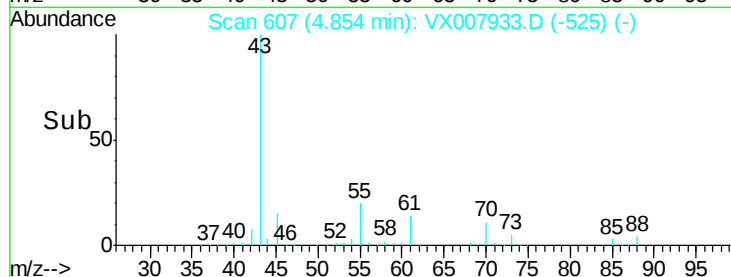
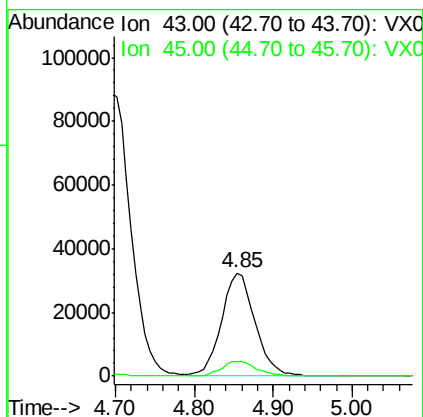
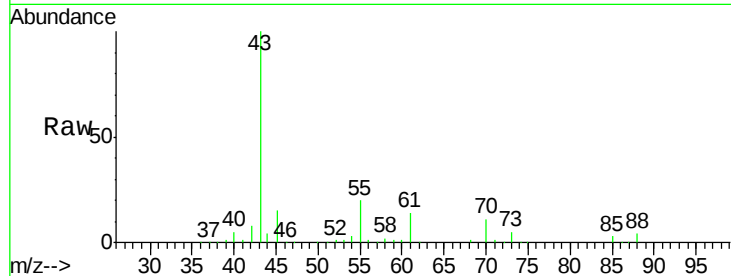




#43
Ethyl Acetate
Concen: 21.171 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

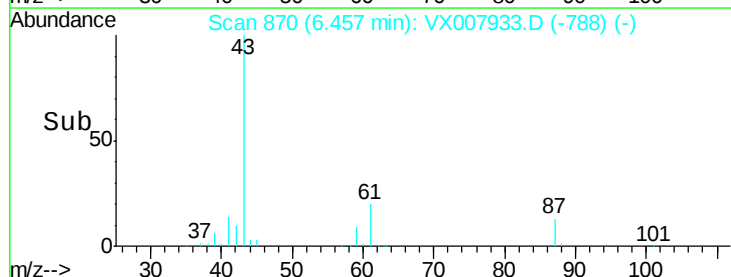
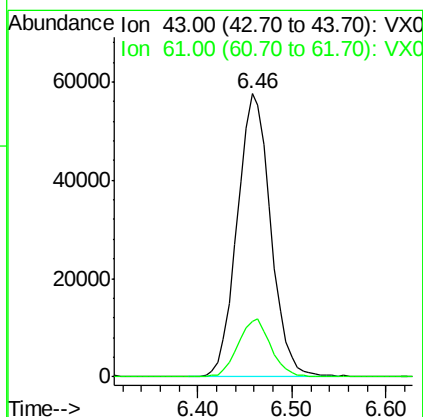
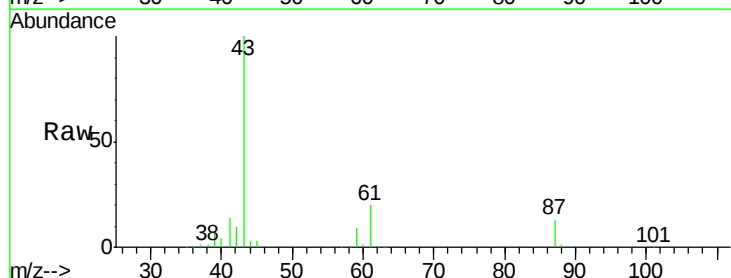
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

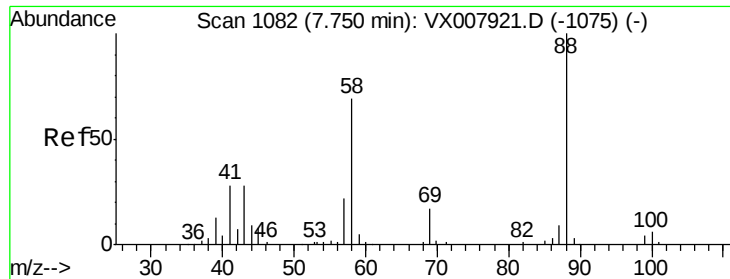
Tot Ion: 43 Resp: 95330
Ion Ratio Lower Upper
43 100
45 15.6 6.9 10.3#



#44
Isopropyl Acetate
Concen: 20.859 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 143308
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1

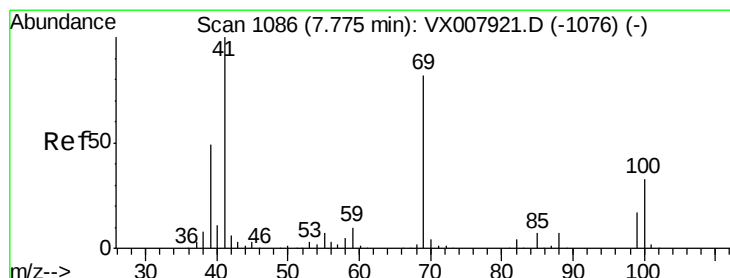
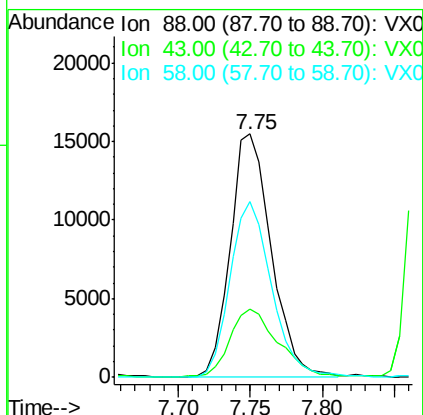
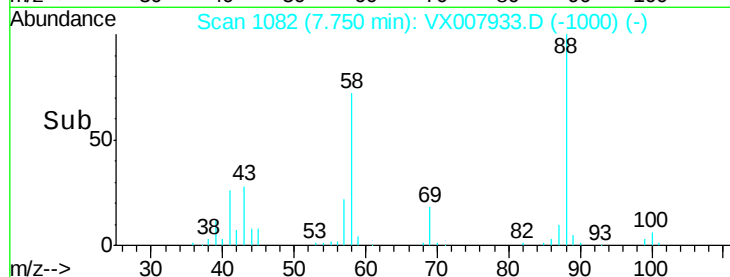
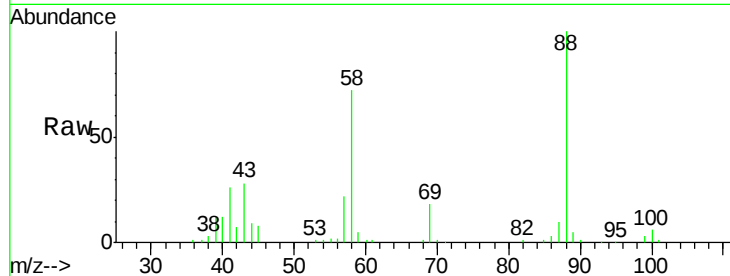




#45
1,4-Dioxane
Concen: 427.794 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

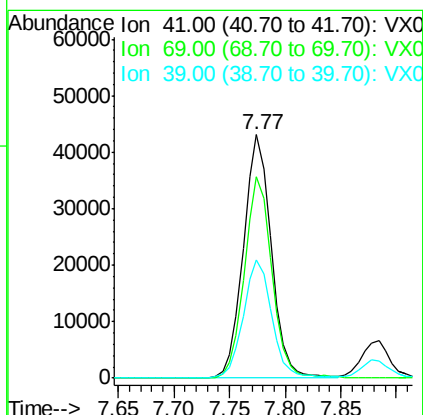
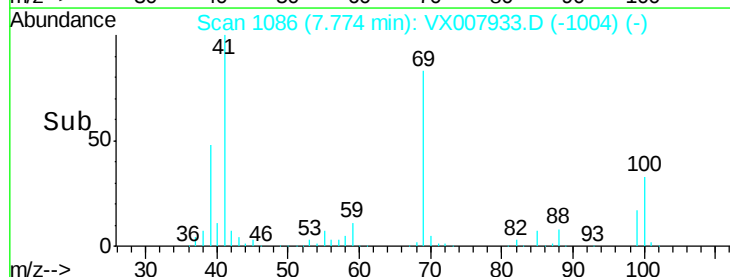
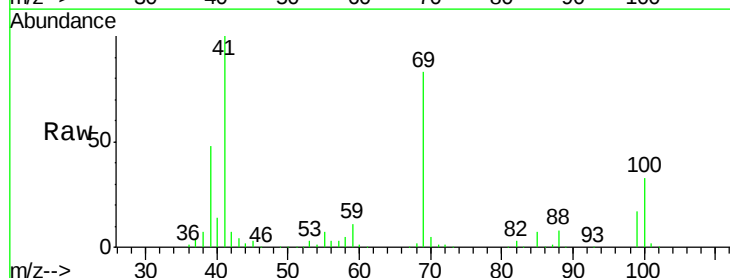
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

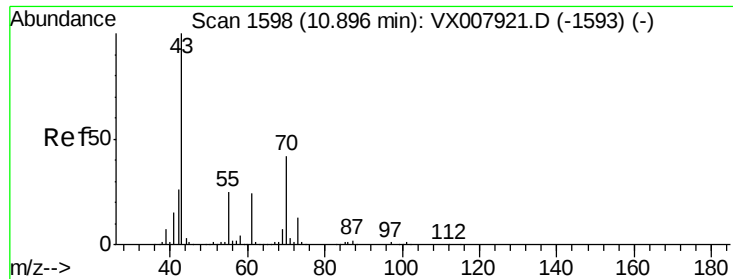
Tot Ion: 88 Resp: 30750
Ion Ratio Lower Upper
88 100
43 33.4 23.6 35.4
58 73.1 51.6 77.4



#46
Methyl methacrylate
Concen: 20.687 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 41 Resp: 74750
Ion Ratio Lower Upper
41 100
69 83.0 44.2 132.6
39 48.4 29.9 89.8





#47

n-amvl Acetate

Concen: 20.211 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

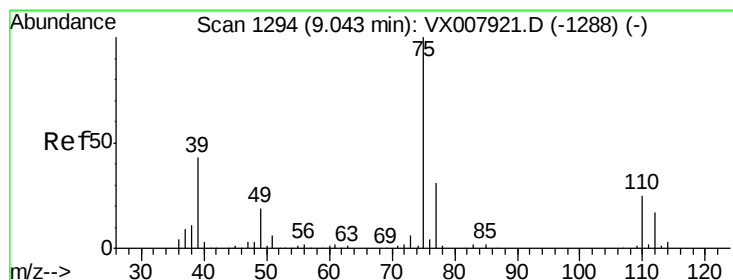
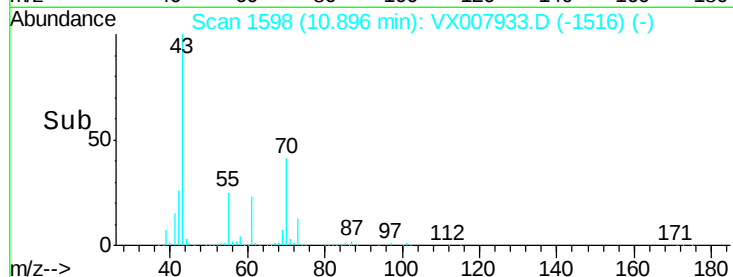
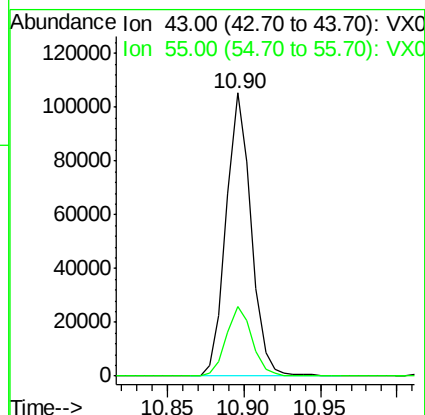
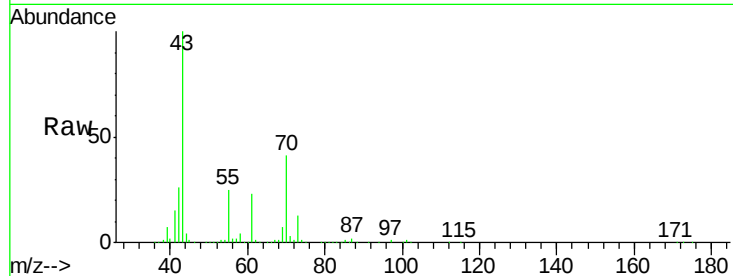
VSTDCCC020EC

Tot Ion: 43 Resp: 119647

Ion Ratio Lower Upper

43 100

55 25.4 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.458 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007933.D

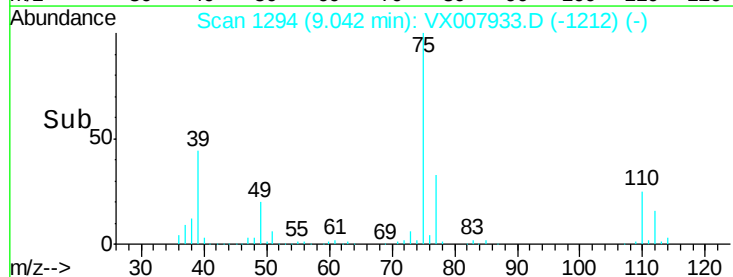
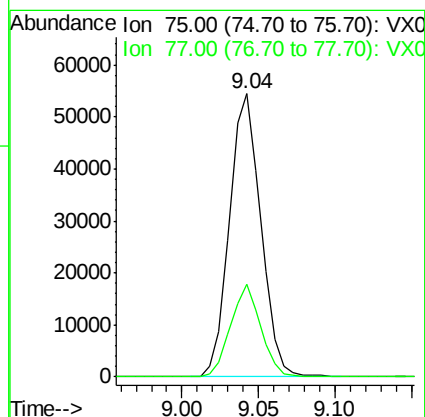
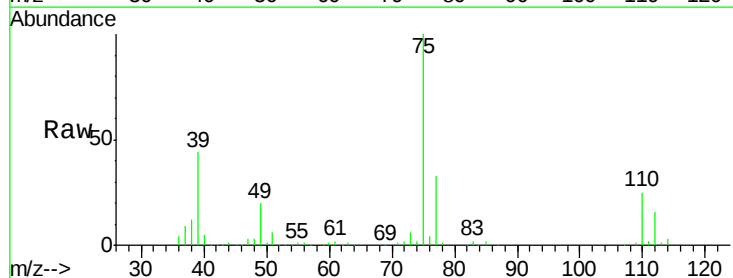
Acq: 08 Mar 2019 16:02

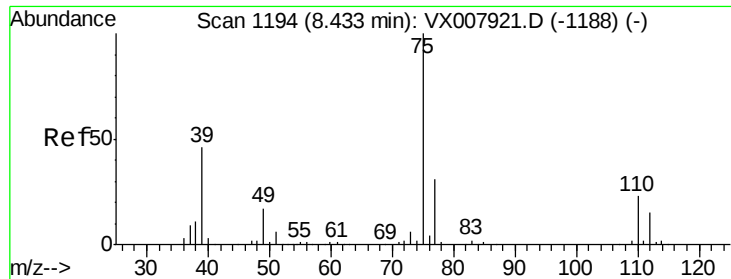
Tgt Ion: 75 Resp: 77397

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7

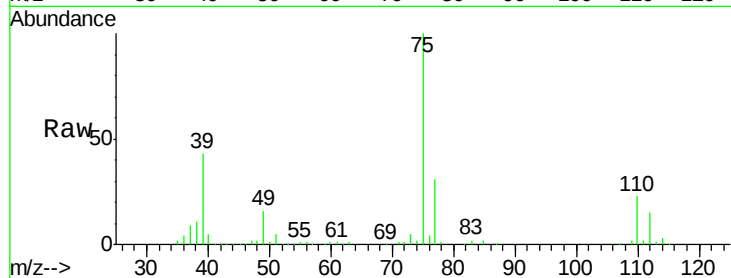




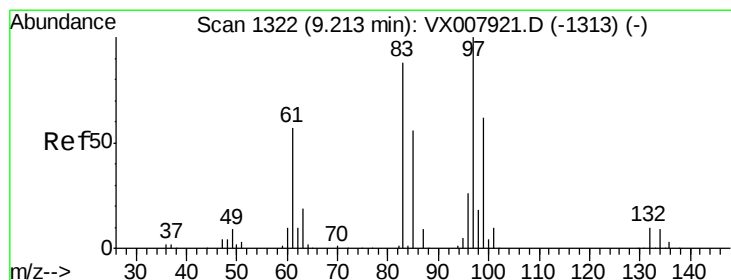
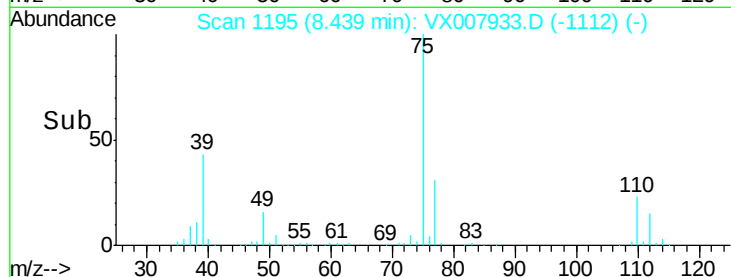
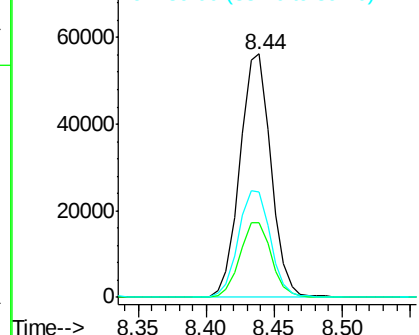
#49
 cis-1,3-Dichloropropene
 Concen: 19.959 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 75 Resp: 89897
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 43.2 38.5 57.7

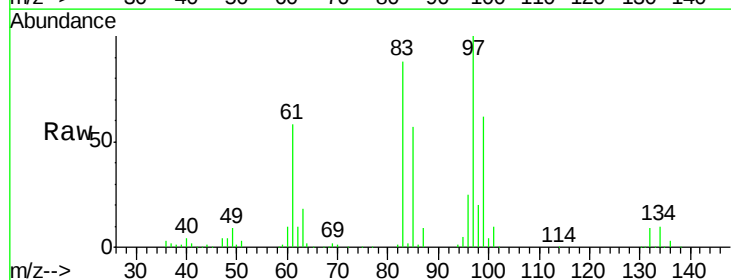


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

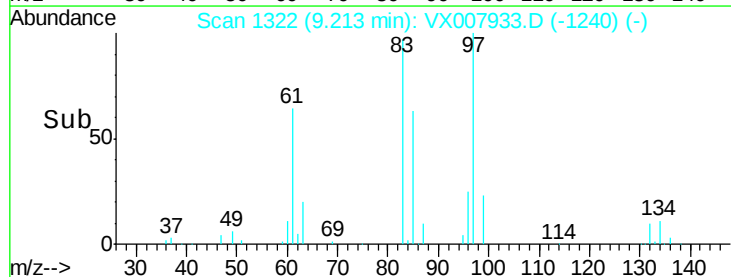
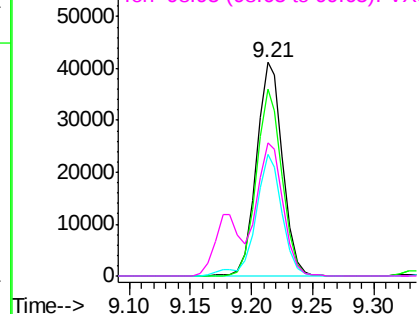


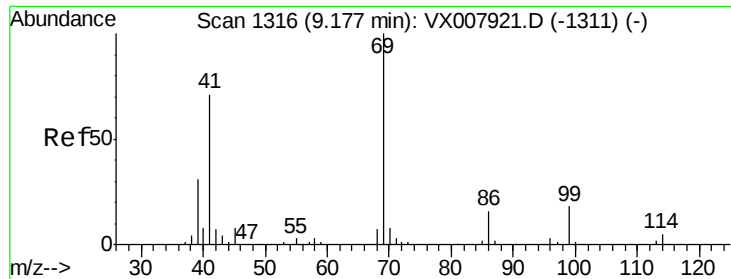
#50
 1,1,2-Trichloroethane
 Concen: 20.738 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 97 Resp: 61419
 Ion Ratio Lower Upper
 97 100
 83 87.8 72.0 108.0
 85 56.9 45.0 67.6
 99 62.0 54.2 81.4



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





#51

Ethyl methacrylate

Concen: 20.596 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

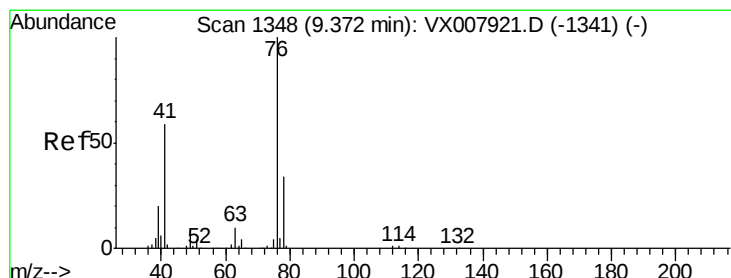
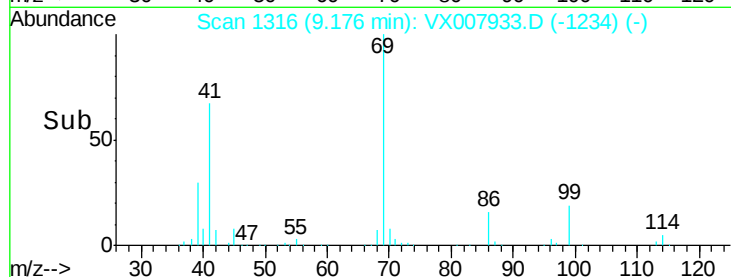
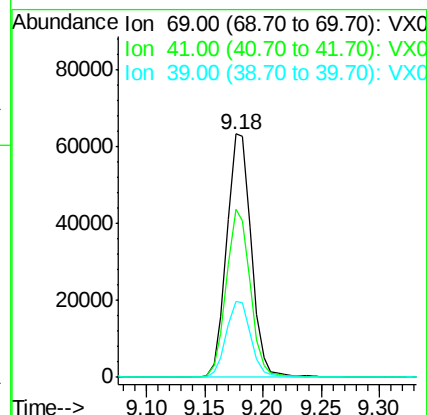
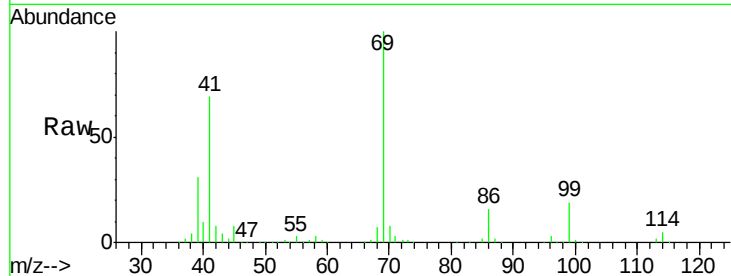
Tot Ion: 69 Resp: 92510

Ion Ratio Lower Upper

69 100

41 69.1 32.1 96.5

39 31.0 18.8 56.3



#52

1,3-Dichloropropane

Concen: 20.862 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007933.D

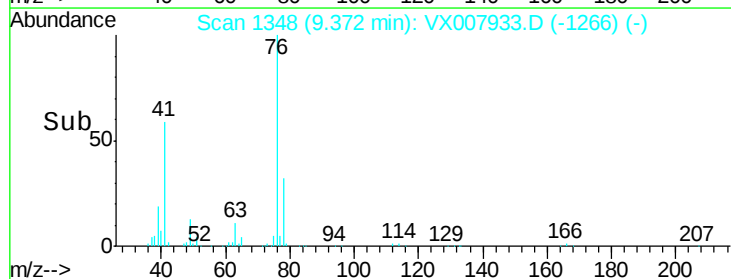
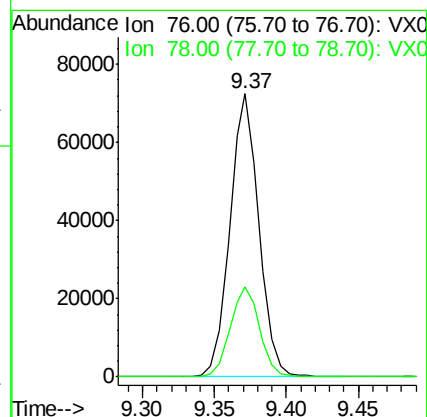
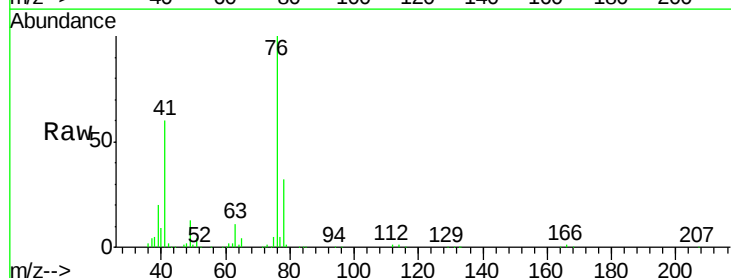
Acq: 08 Mar 2019 16:02

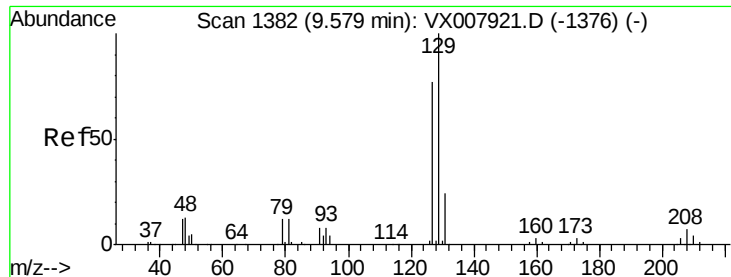
Tgt Ion: 76 Resp: 102091

Ion Ratio Lower Upper

76 100

78 32.3 0.0 65.2





#53

Dibromochloromethane

Concen: 20.243 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

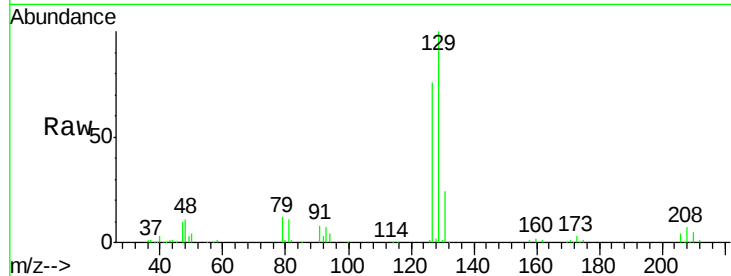
VSTDCCC020EC

Tot Ion:129 Resp: 61669

Ion Ratio Lower Upper

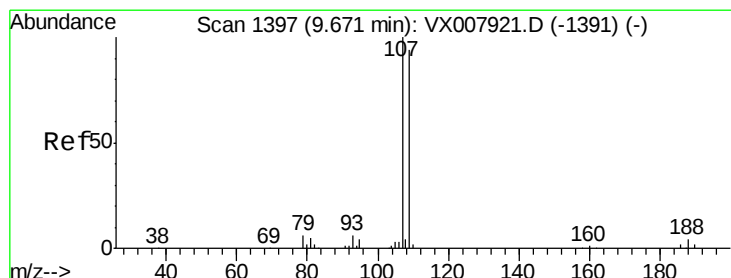
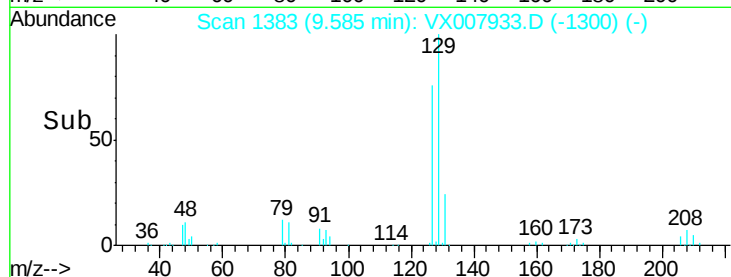
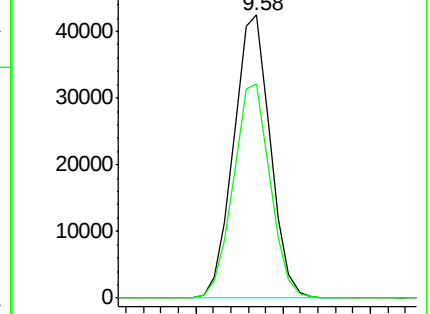
129 100

127 75.9 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.780 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007933.D

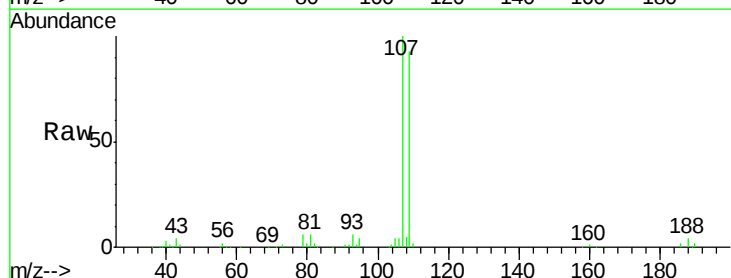
Acq: 08 Mar 2019 16:02

Tgt Ion:107 Resp: 64342

Ion Ratio Lower Upper

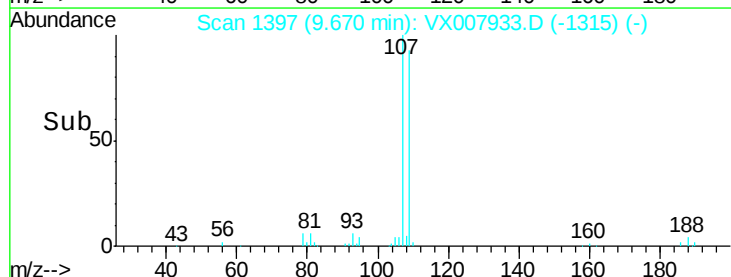
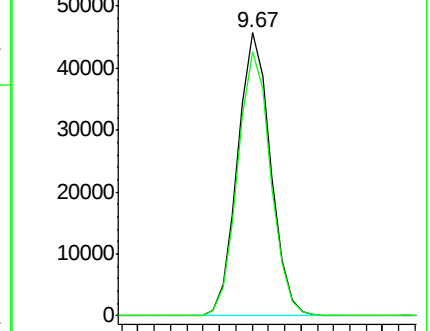
107 100

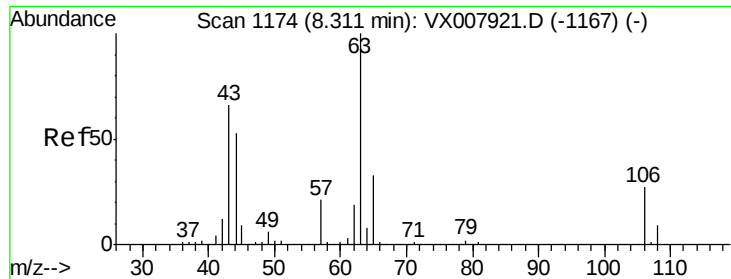
109 93.9 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

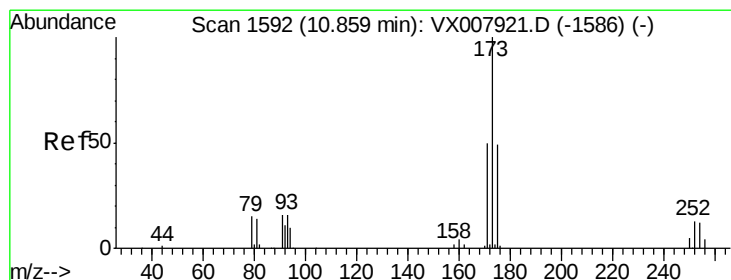
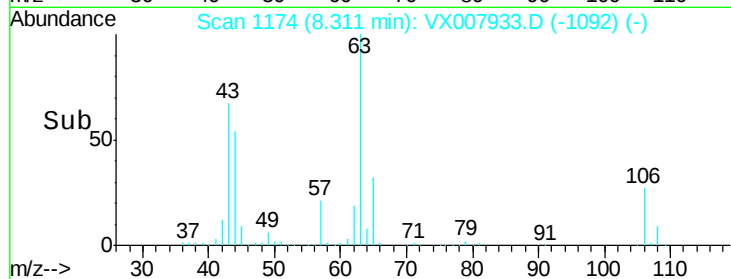
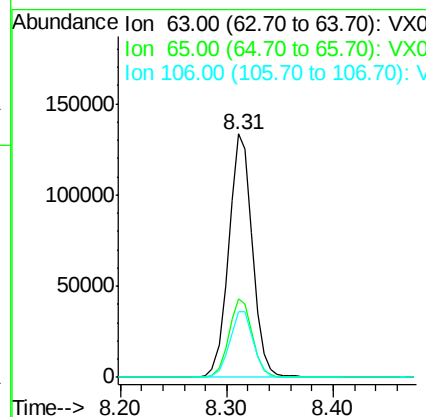
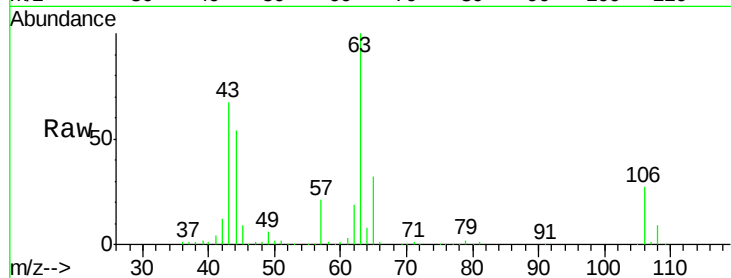




#55
2-Chloroethyl vinyl ether
Concen: 99.092 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

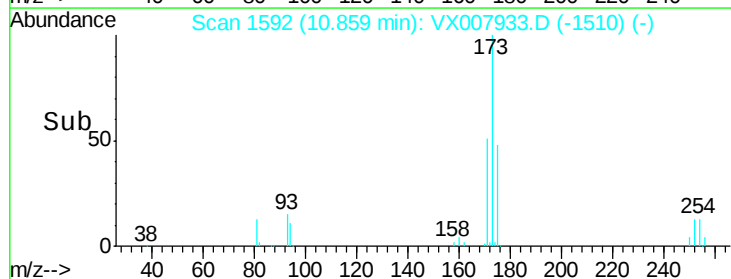
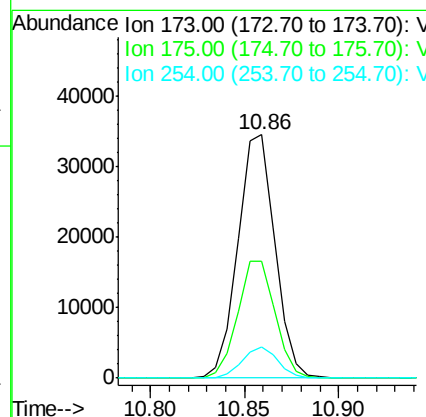
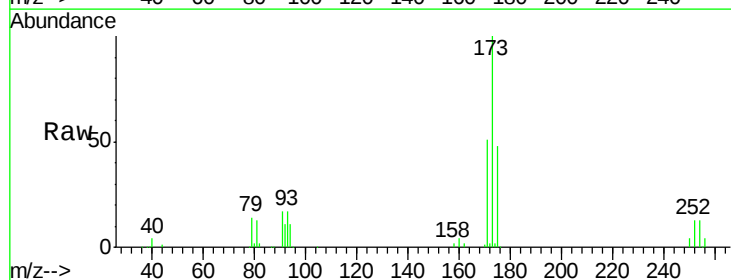
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

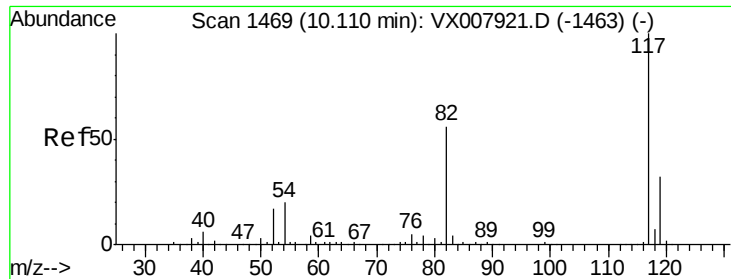
Tot Ion: 63 Resp: 207007
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.4 23.7 35.5



#56
Bromoform
Concen: 19.419 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 173 Resp: 47188
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 12.3 7.4 11.2#

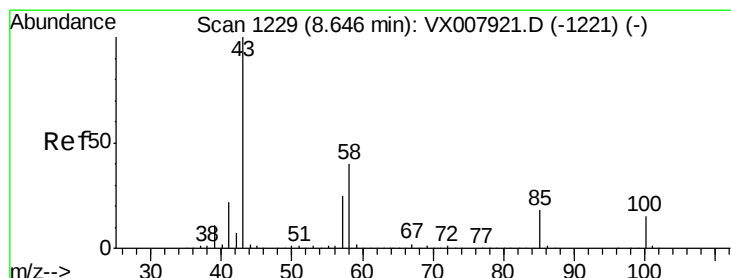
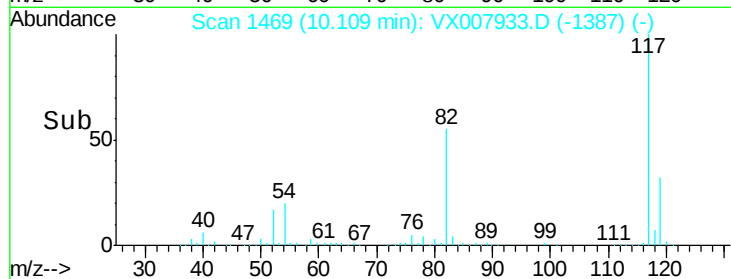
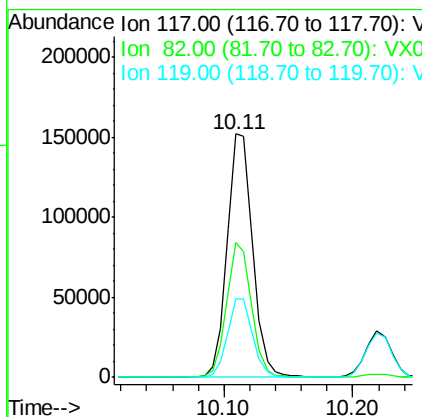
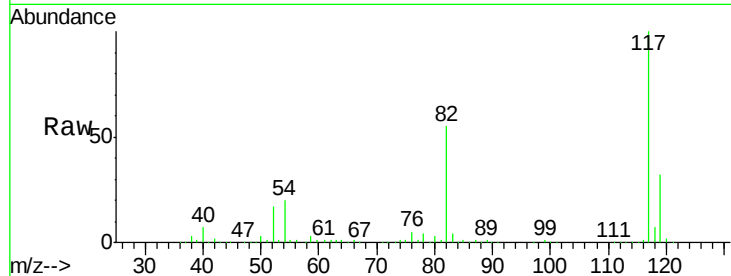




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

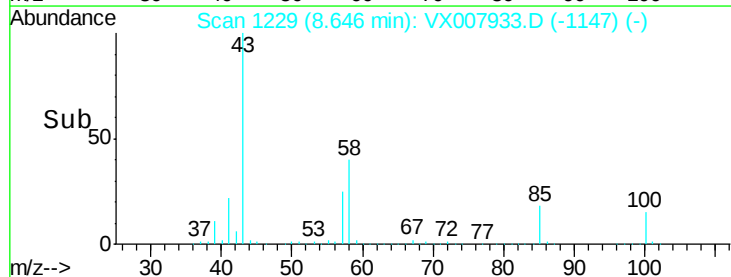
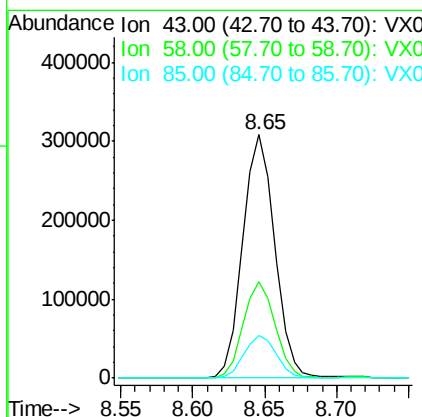
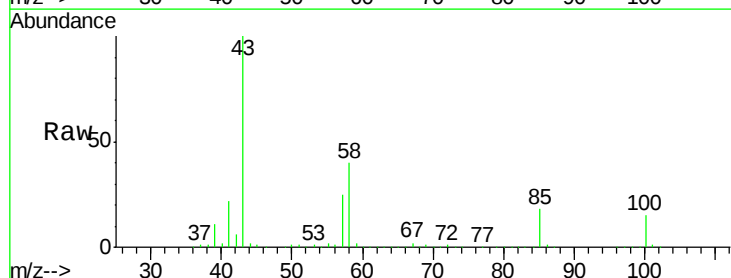
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

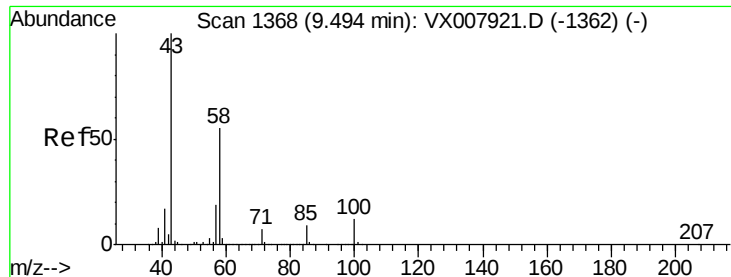
Tot Ion:117 Resp: 212880
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 108.369 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 474969
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.0
85 17.7 15.0 22.6

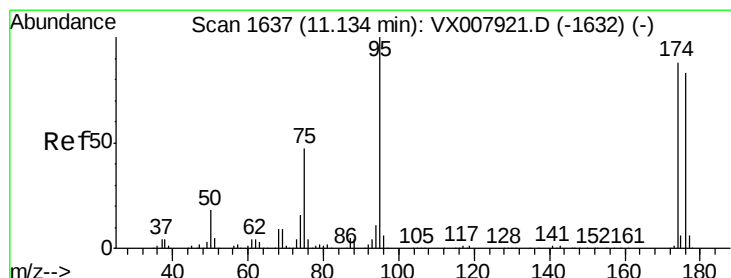
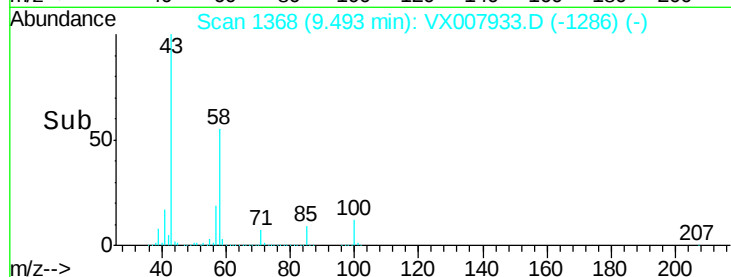
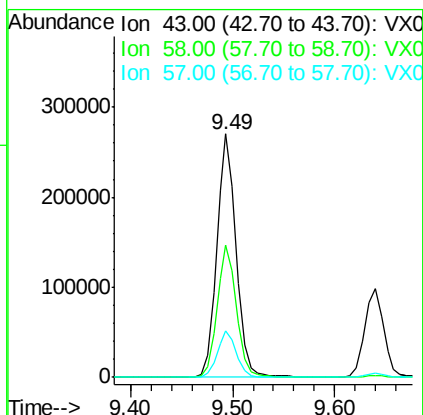
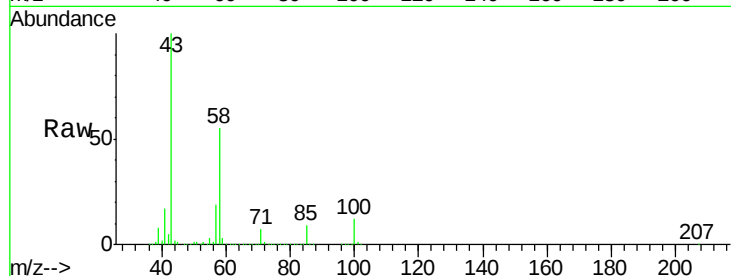




#59
2-Hexanone
Concen: 103.905 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

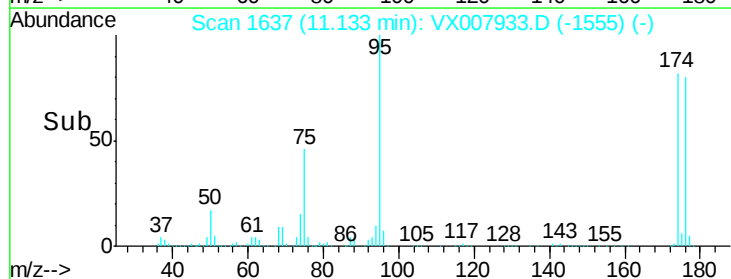
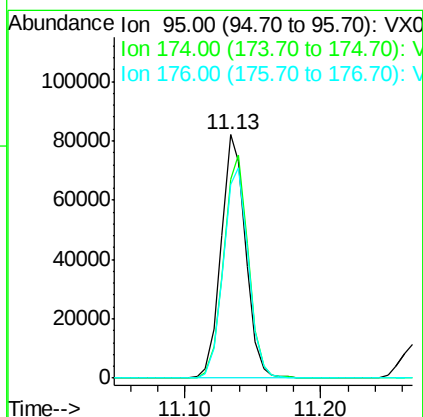
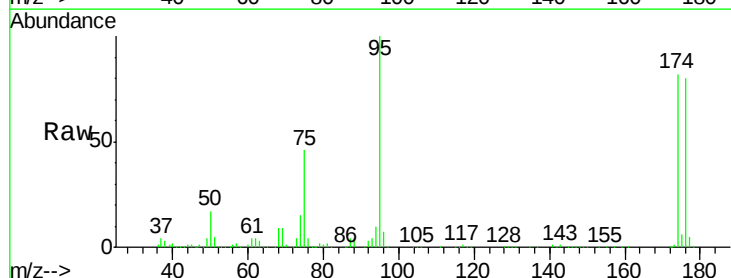
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

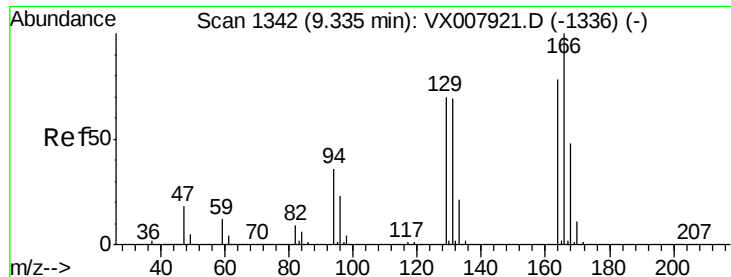
Tot Ion: 43 Resp: 359486
Ion Ratio Lower Upper
43 100
58 54.7 43.9 65.9
57 18.7 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.036 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 95 Resp: 102058
Ion Ratio Lower Upper
95 100
174 92.1 74.9 112.3
176 88.7 70.7 106.1





#61

Tetrachloroethene

Concen: 20.894 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 64884

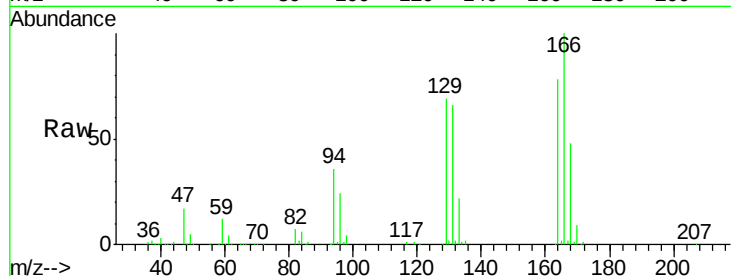
Ion Ratio Lower Upper

164 100

166 128.7 103.9 155.9

129 88.9 74.7 112.1

131 84.9 71.7 107.5

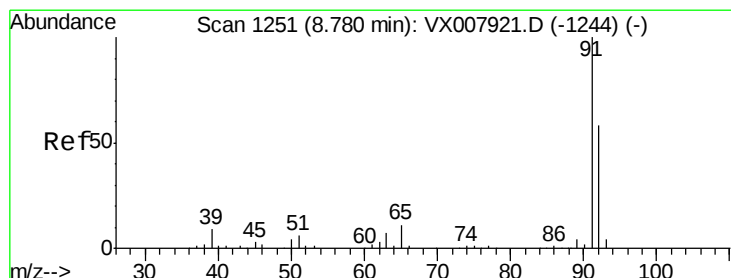
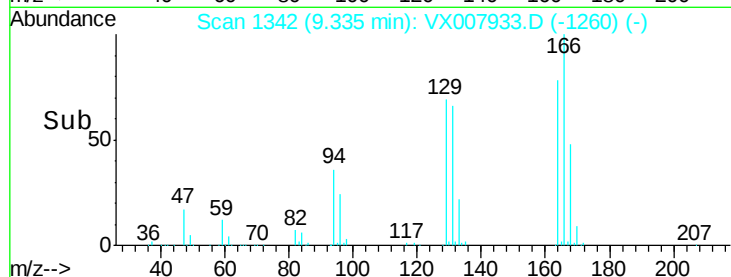
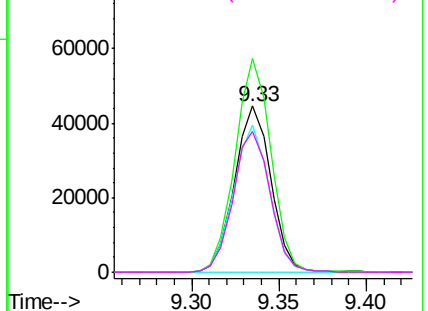


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.607 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007933.D

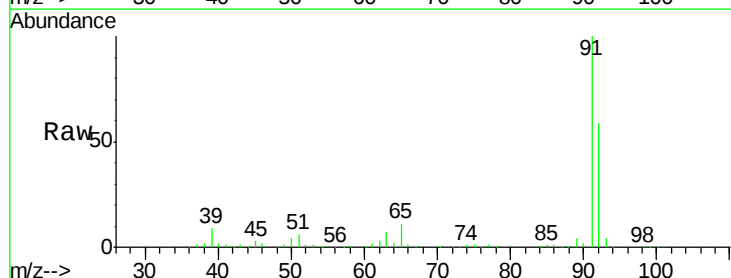
Acq: 08 Mar 2019 16:02

Tgt Ion: 91 Resp: 256162

Ion Ratio Lower Upper

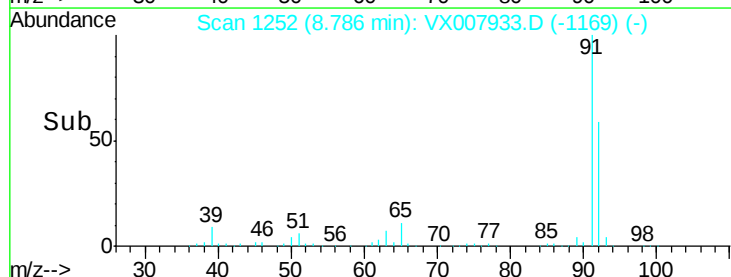
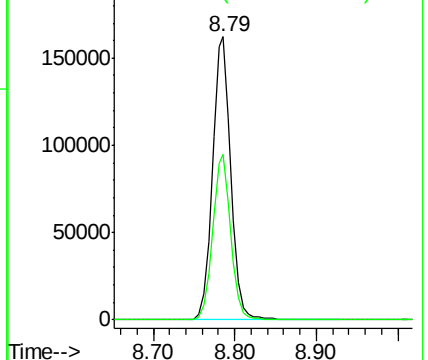
91 100

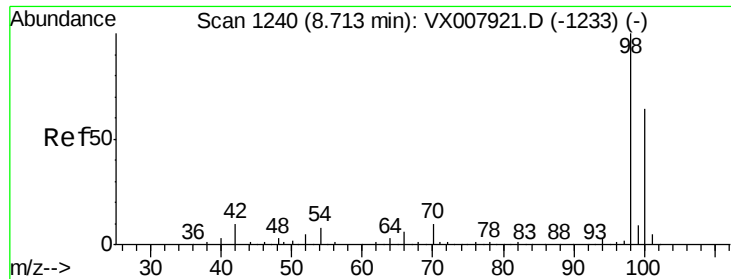
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.556 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

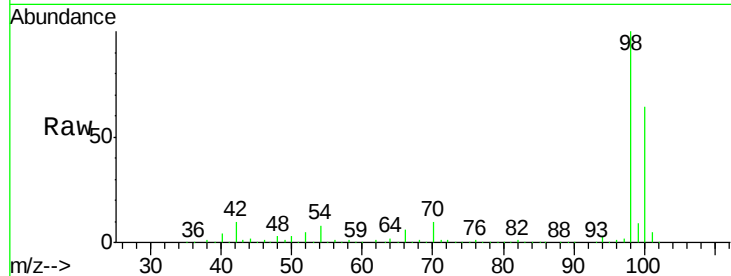
VSTDCCC020EC

Tot Ion: 98 Resp: 297688

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX007921.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX007921.D (-1233) (-)

8.71

200000

150000

100000

50000

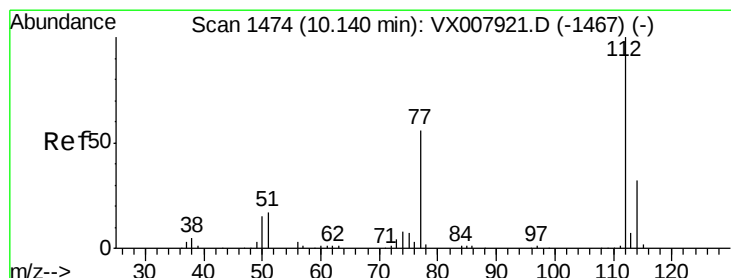
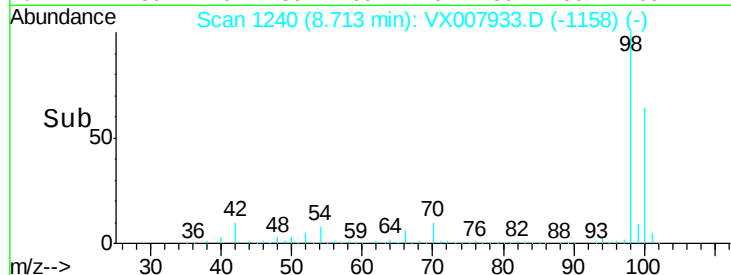
0

8.60

8.70

8.80

Time-->



#64

Chlorobenzene

Concen: 20.262 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007933.D

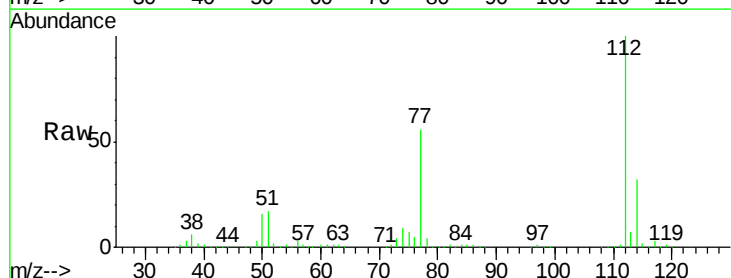
Acq: 08 Mar 2019 16:02

Tgt Ion: 112 Resp: 160530

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX007921.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX007921.D (-1467) (-)

10.14

120000

100000

80000

60000

40000

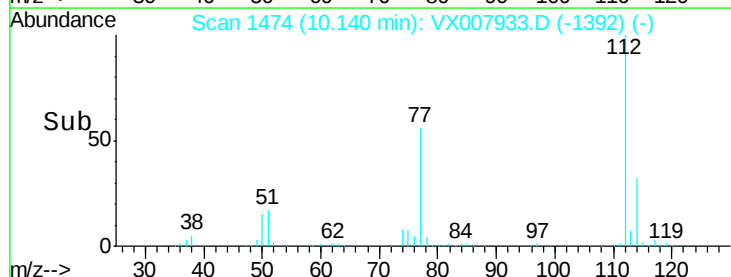
20000

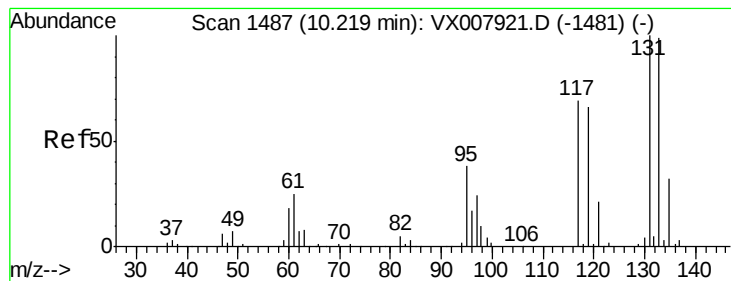
0

10.10

10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.769 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

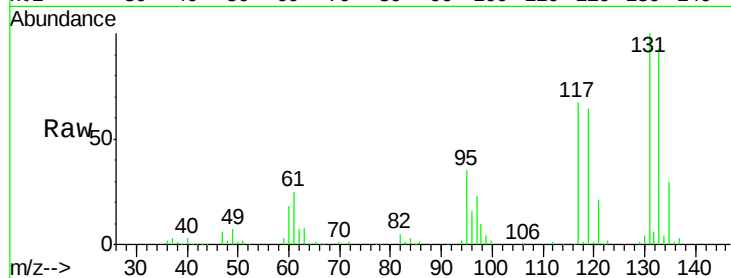
Tot Ion:131 Resp: 58913

Ion Ratio Lower Upper

131 100

133 94.1 0.0 191.6

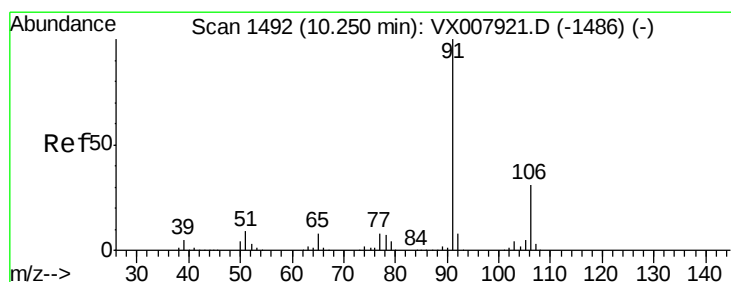
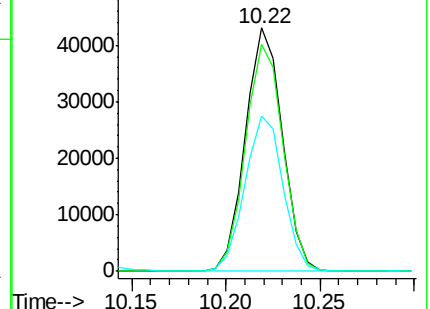
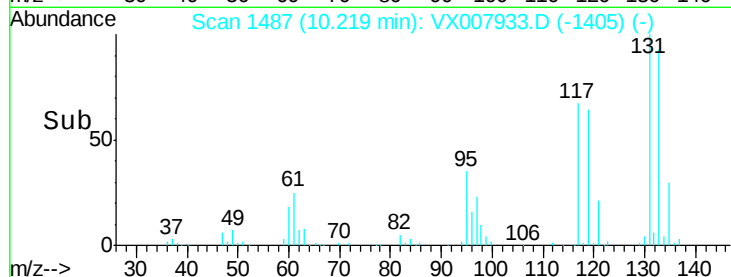
119 65.4 0.0 127.4



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: 20.127 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007933.D

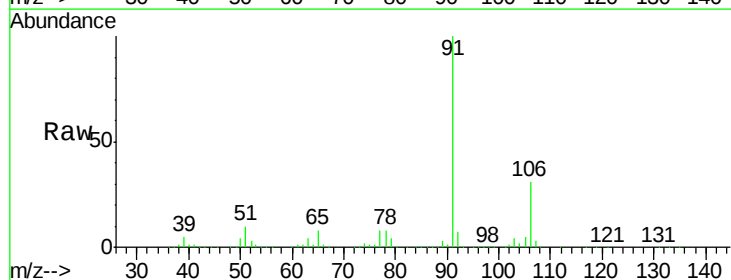
Acq: 08 Mar 2019 16:02

Tgt Ion: 91 Resp: 268733

Ion Ratio Lower Upper

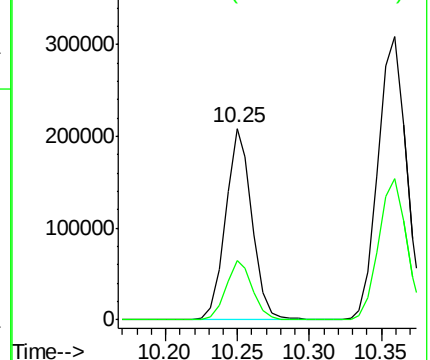
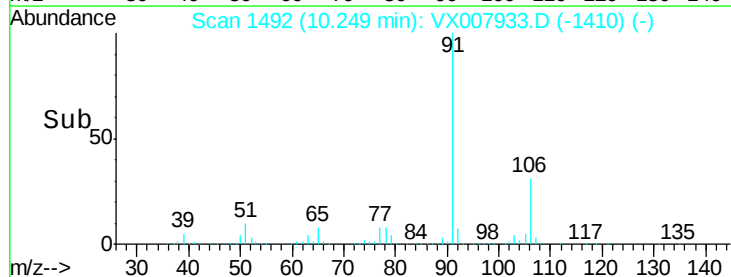
91 100

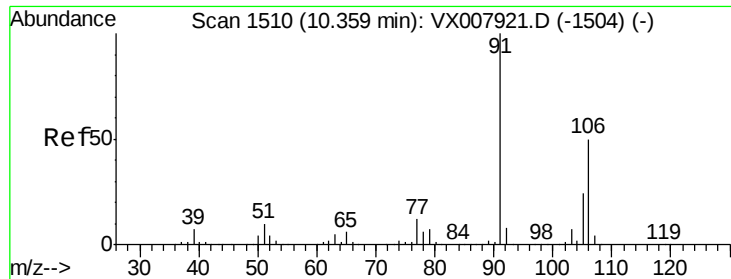
106 31.2 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

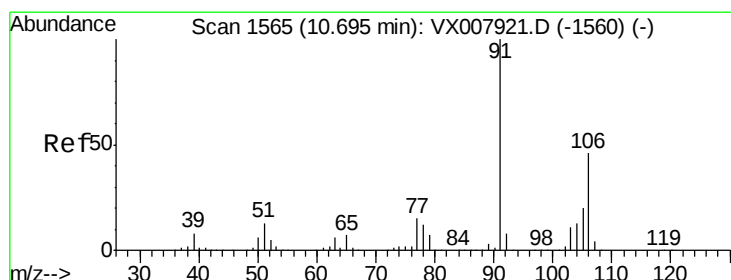
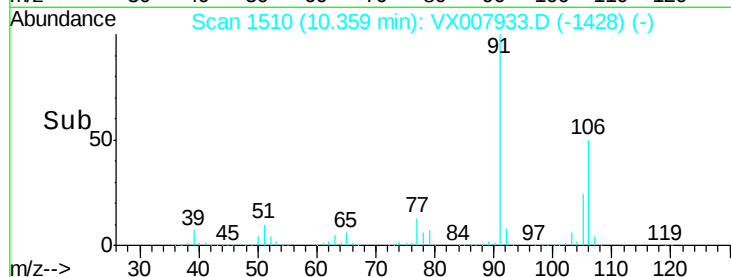
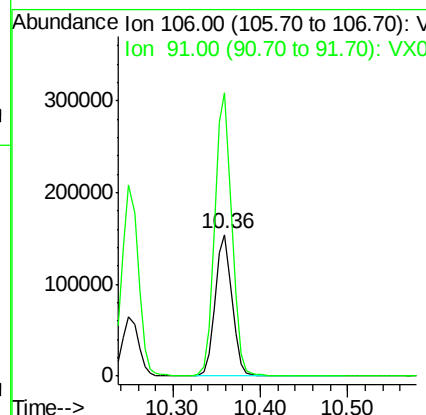
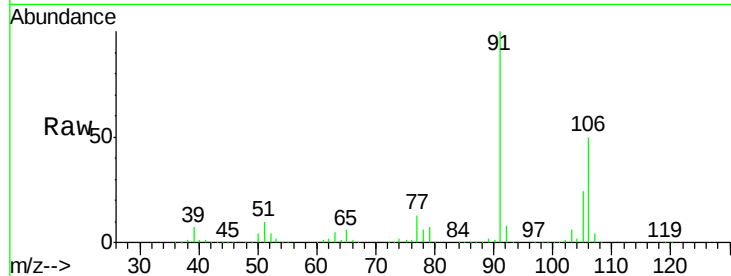




#67
m/p-Xylenes
Concen: 40.715 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

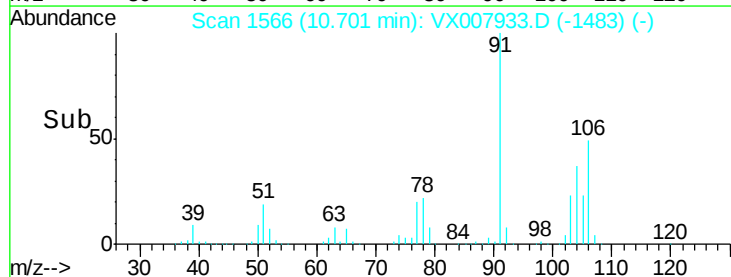
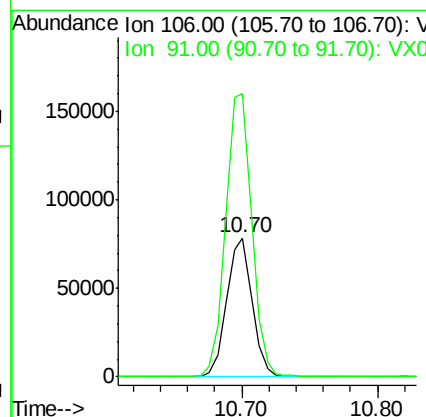
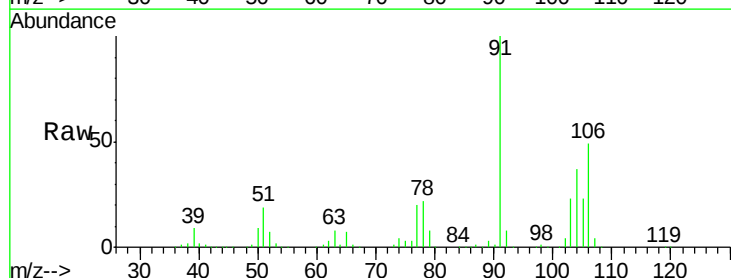
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

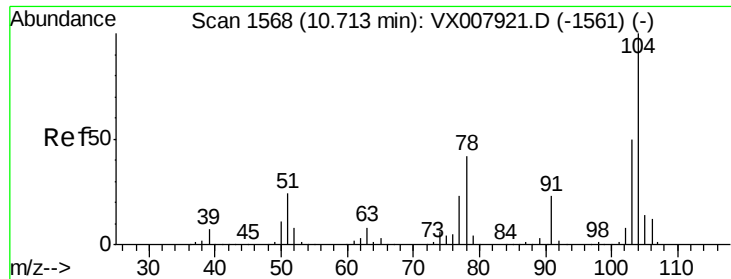
Tot Ion:106 Resp: 208449
Ion Ratio Lower Upper
106 100
91 202.0 157.0 235.4



#68
o-Xylene
Concen: 20.401 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion:106 Resp: 101422
Ion Ratio Lower Upper
106 100
91 210.6 104.4 313.2

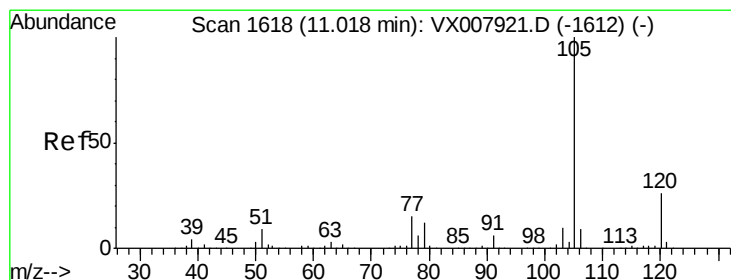
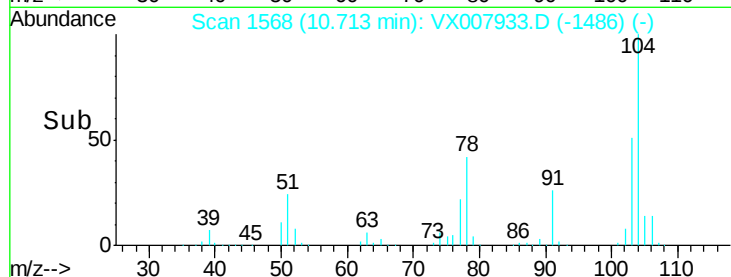
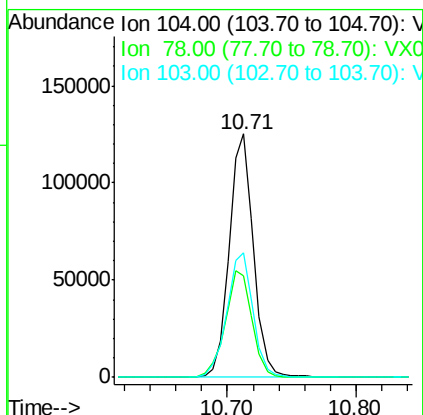
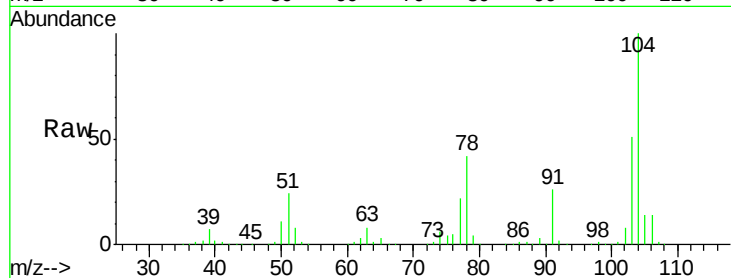




#69
Stvrene
Concen: 20.136 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

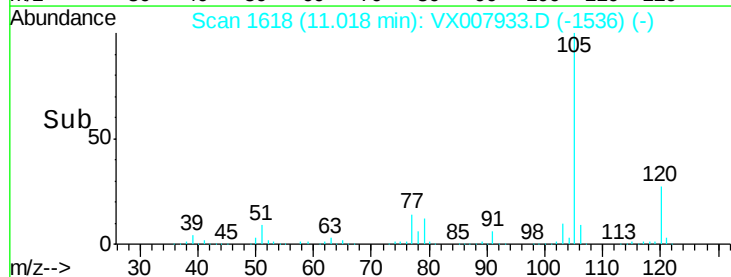
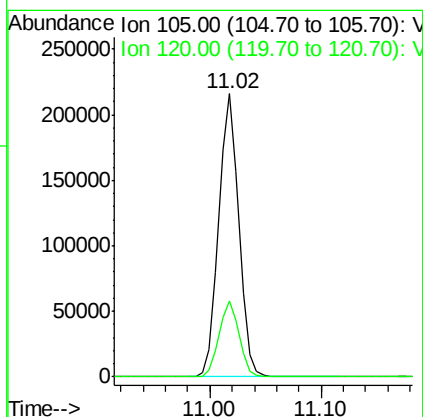
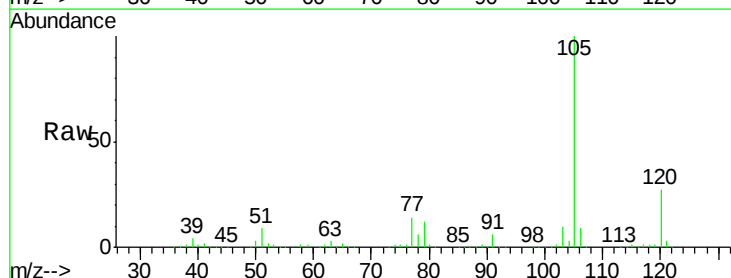
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

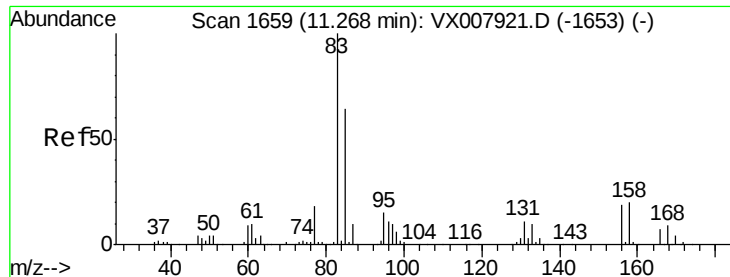
Tot Ion:104 Resp: 164940
Ion Ratio Lower Upper
104 100
78 48.6 38.2 57.2
103 55.8 45.0 67.4



#70
Isopropylbenzene
Concen: 20.349 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion:105 Resp: 270320
Ion Ratio Lower Upper
105 100
120 26.6 19.8 36.8

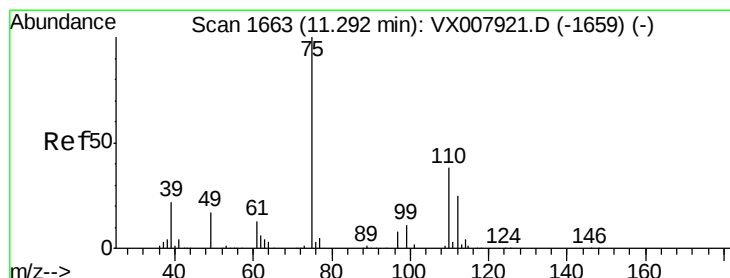
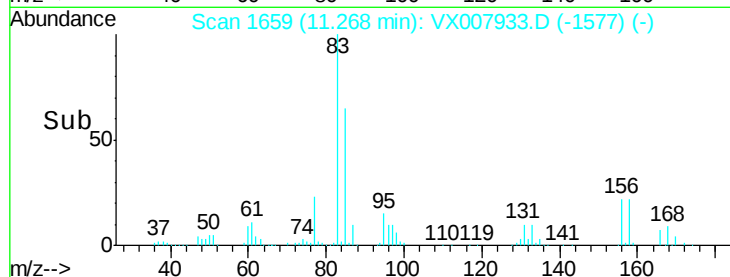
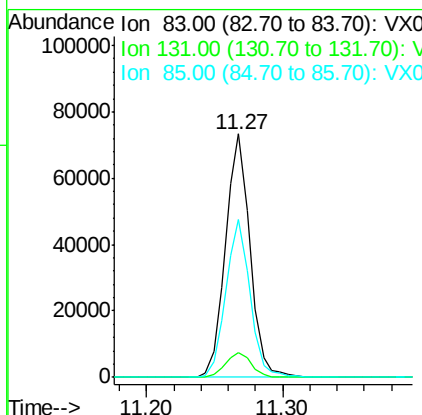
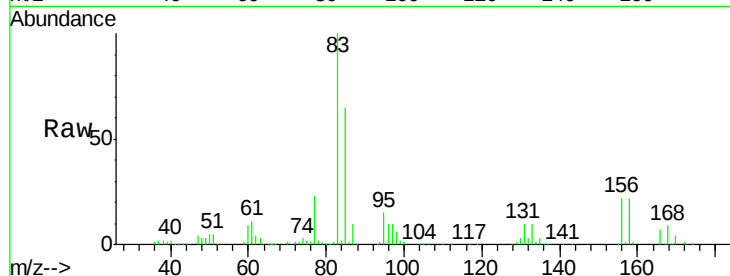




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.921 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

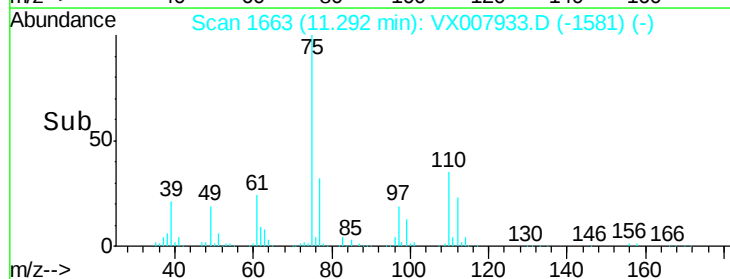
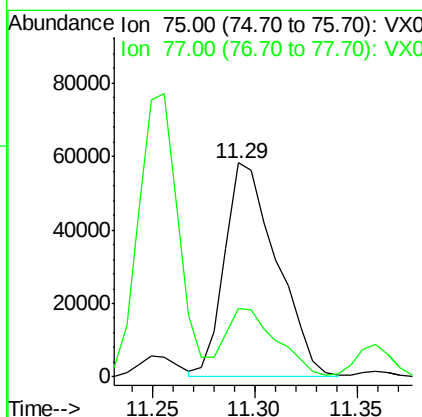
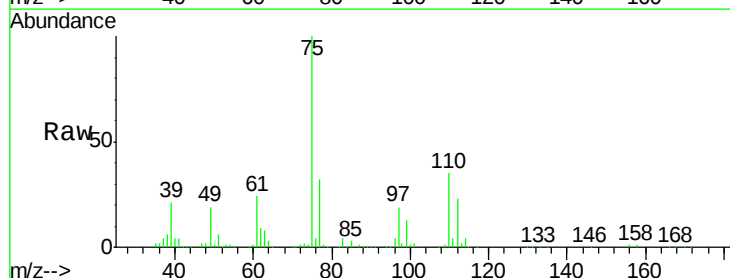
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

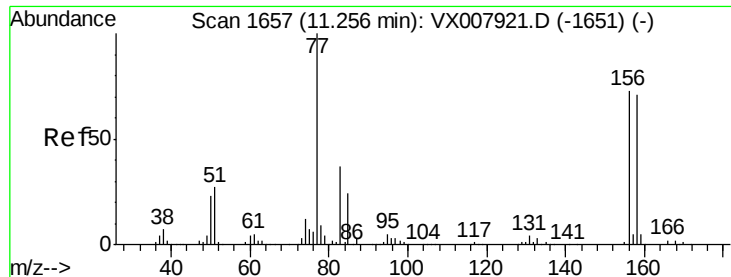
Tot Ion: 83 Resp: 91788
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.1 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 24.934 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 75 Resp: 103114
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 76.4





#73

Bromobenzene

Concen: 20.161 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

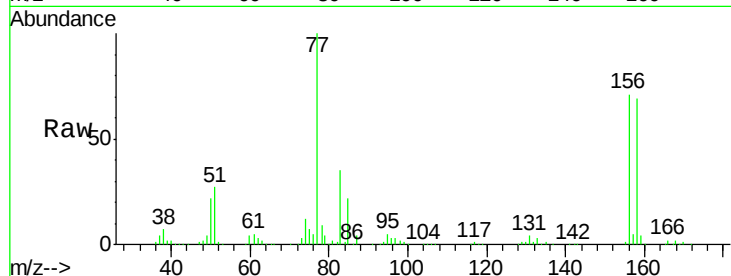
Tot Ion:156 Resp: 71203

Ion Ratio Lower Upper

156 100

77 144.9 0.0 271.4

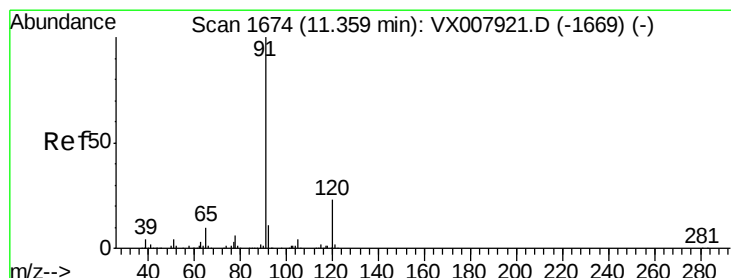
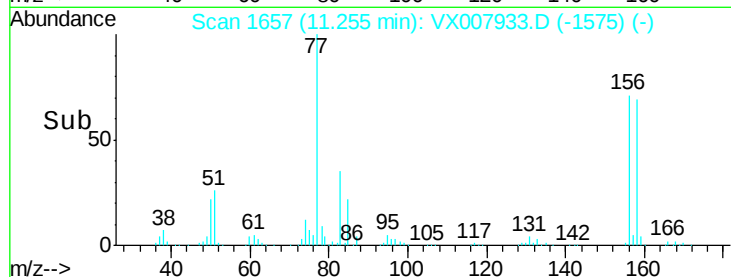
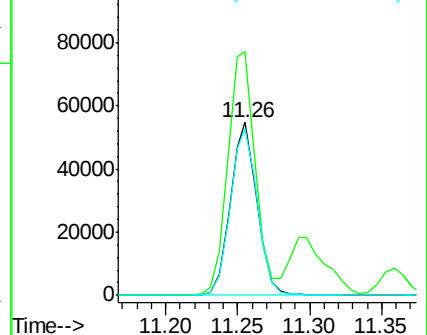
158 98.4 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.964 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007933.D

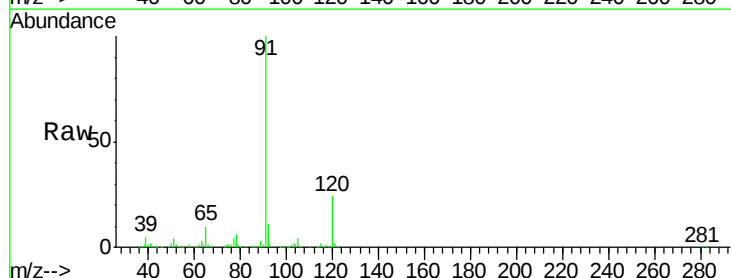
Acq: 08 Mar 2019 16:02

Tgt Ion: 91 Resp: 299157

Ion Ratio Lower Upper

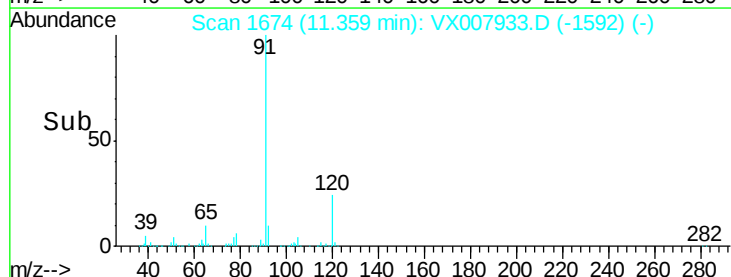
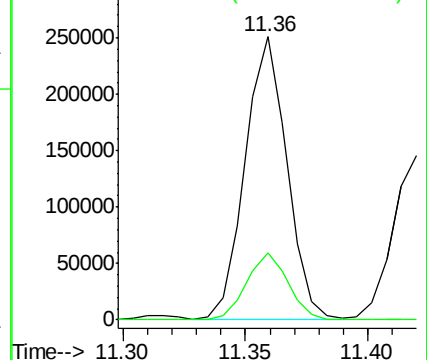
91 100

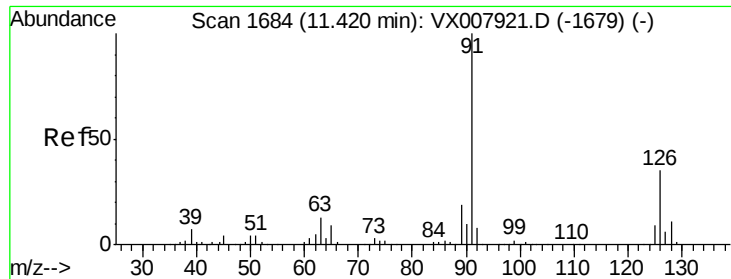
120 23.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.183 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

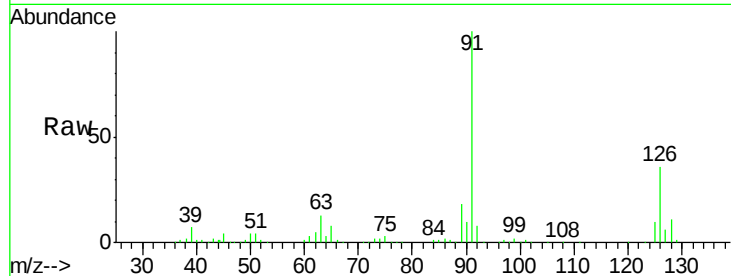
VSTDCCC020EC

Tot Ion: 91 Resp: 181276

Ion Ratio Lower Upper

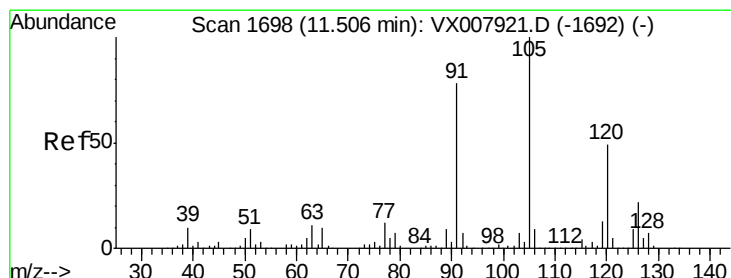
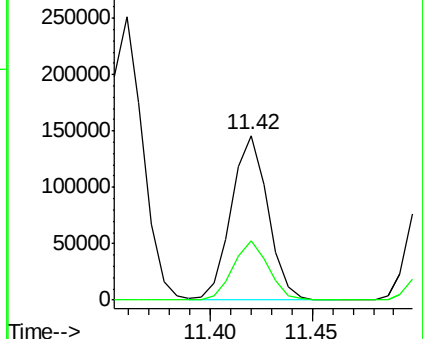
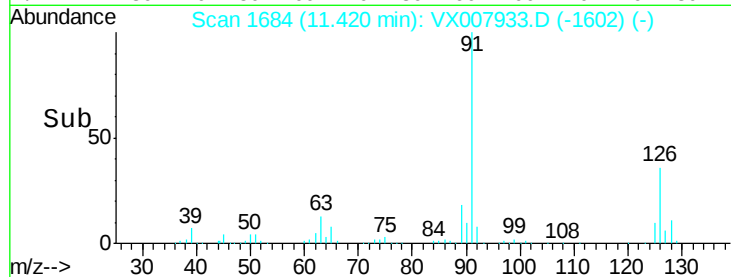
91 100

126 34.6 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.302 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007933.D

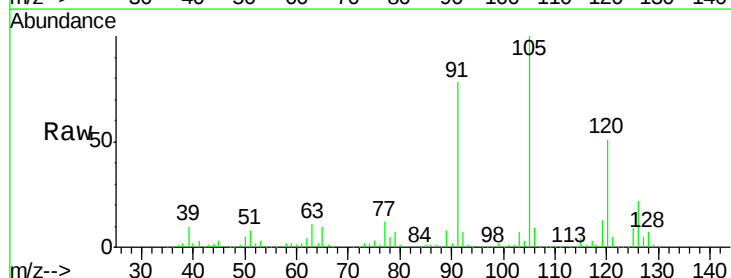
Acq: 08 Mar 2019 16:02

Tgt Ion:105 Resp: 223516

Ion Ratio Lower Upper

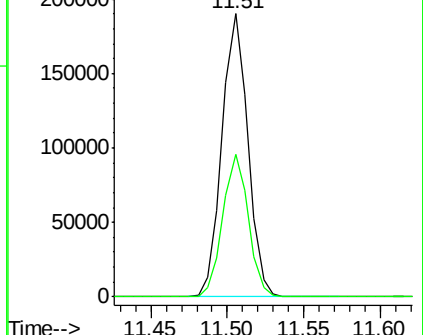
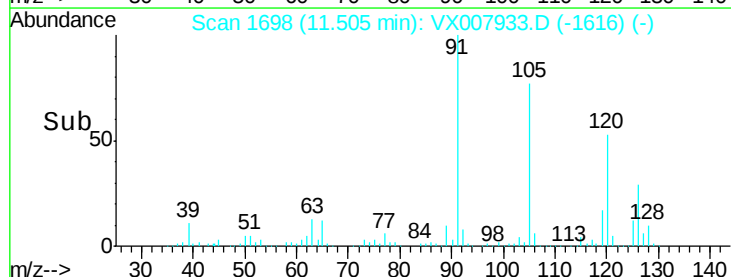
105 100

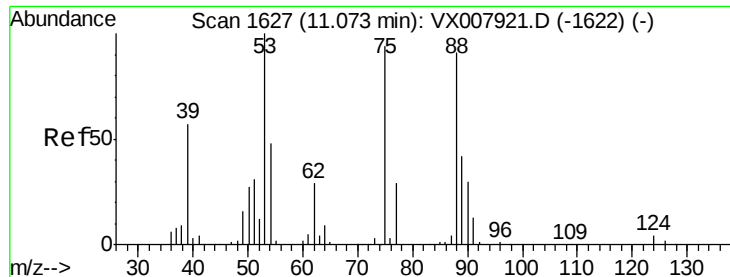
120 49.7 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.345 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

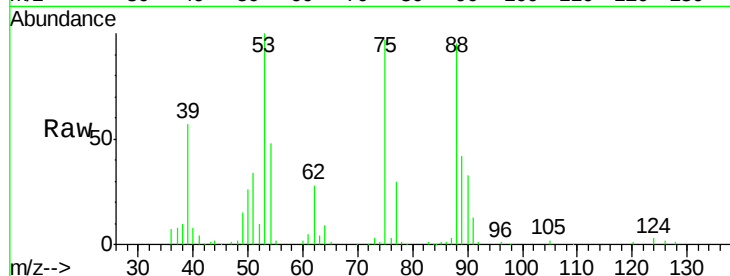
Tot Ion: 75 Resp: 23440

Ion Ratio Lower Upper

75 100

53 102.3 55.5 166.7

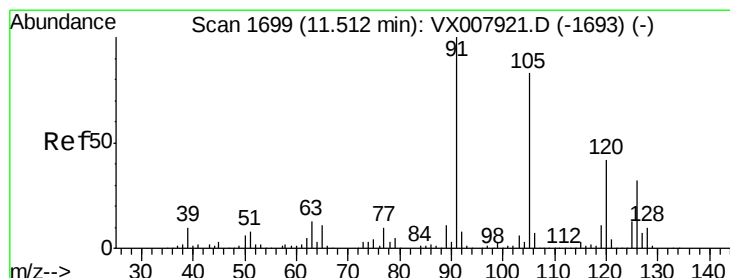
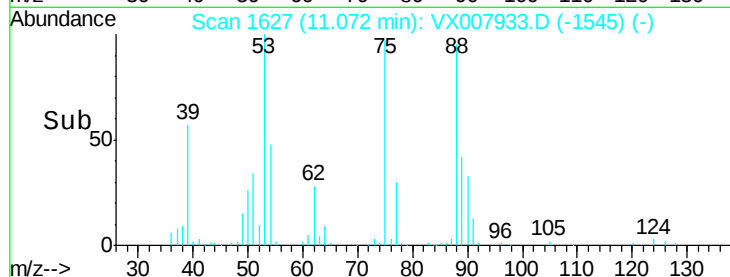
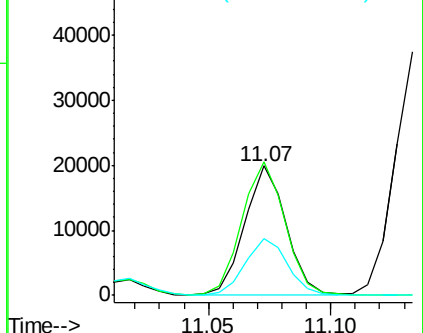
89 43.3 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.227 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007933.D

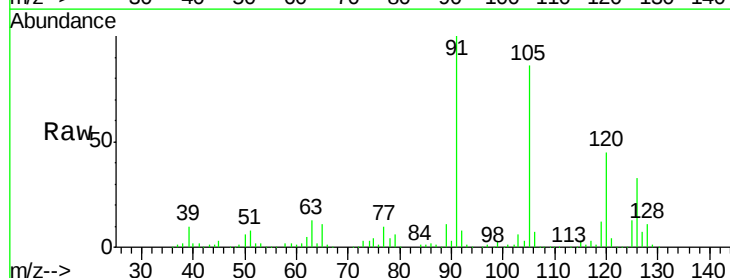
Acq: 08 Mar 2019 16:02

Tgt Ion: 91 Resp: 205399

Ion Ratio Lower Upper

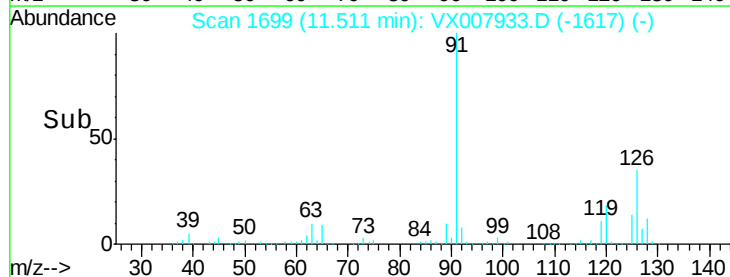
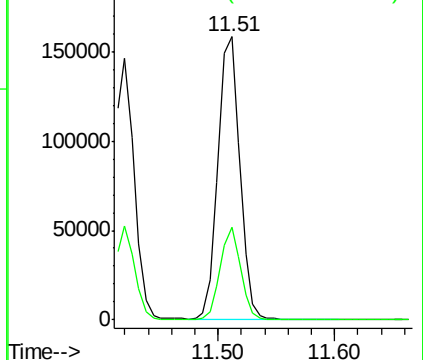
91 100

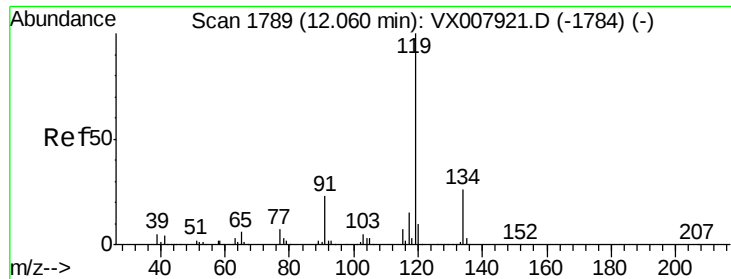
126 30.8 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

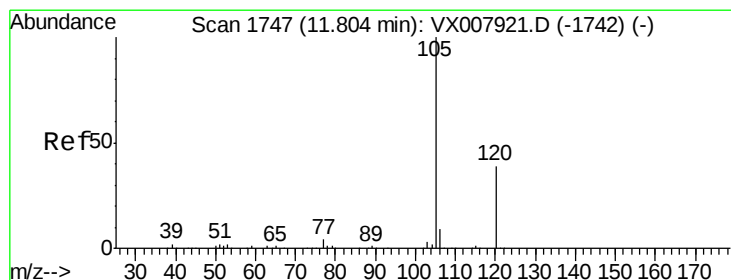
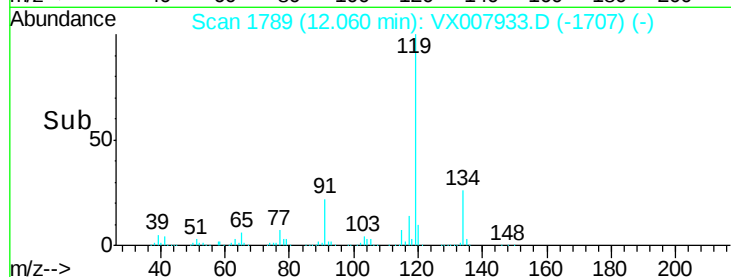
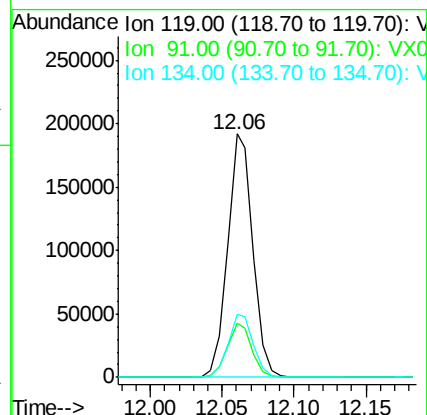
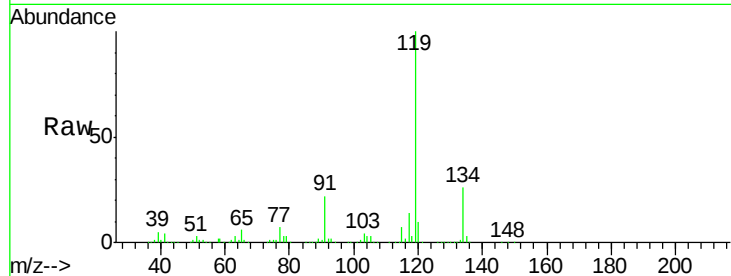




#79
tert-butylbenzene
Concen: 19.951 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

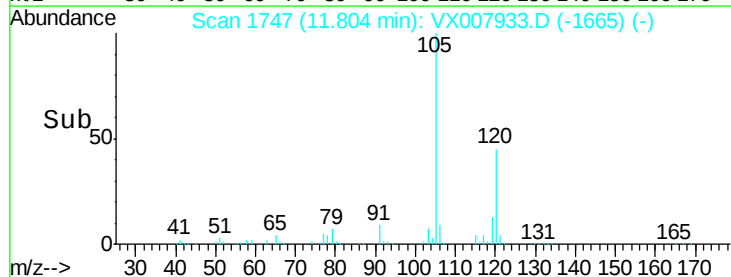
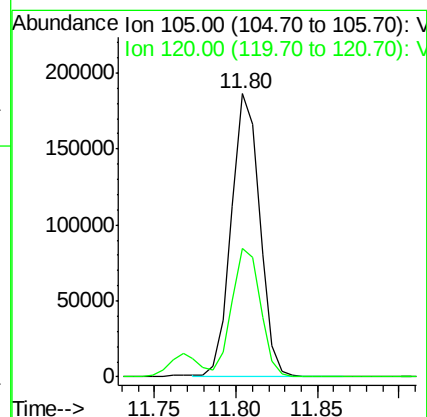
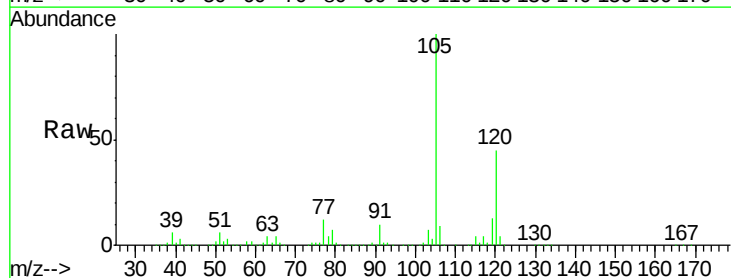
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

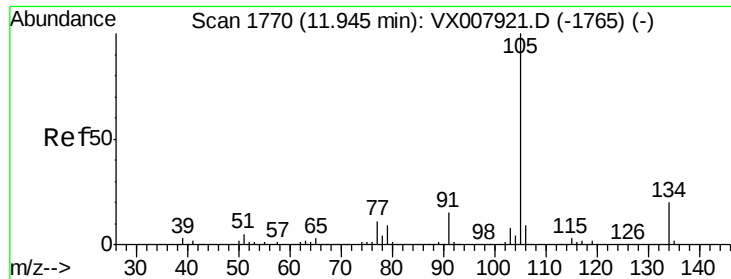
Tot Ion:119 Resp: 235711
Ion Ratio Lower Upper
119 100
91 22.0 0.0 45.0
134 26.1 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.226 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion:105 Resp: 226001
Ion Ratio Lower Upper
105 100
120 45.4 0.0 94.0

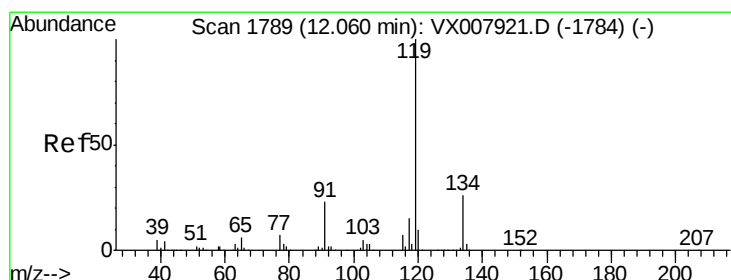
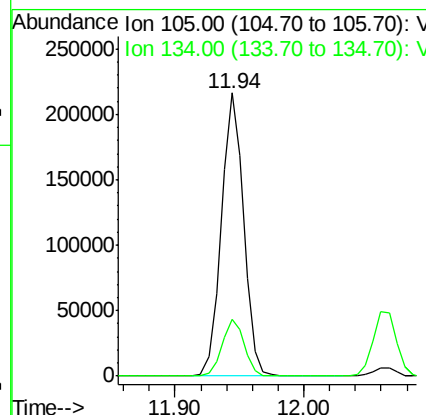
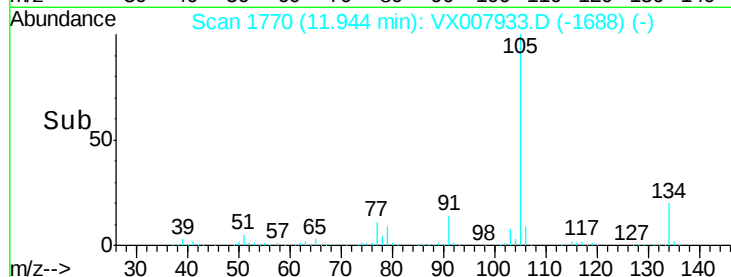
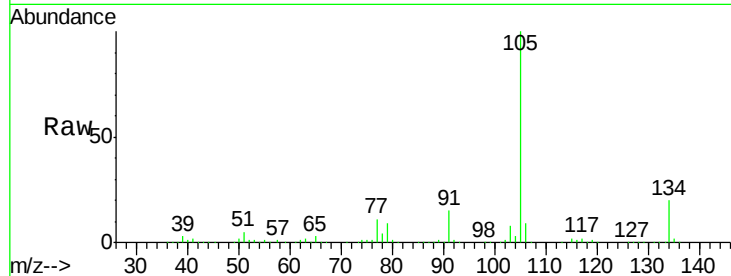




#81
 sec-Butylbenzene
 Concen: 19.907 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

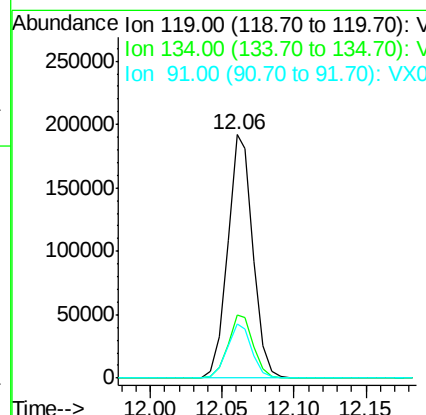
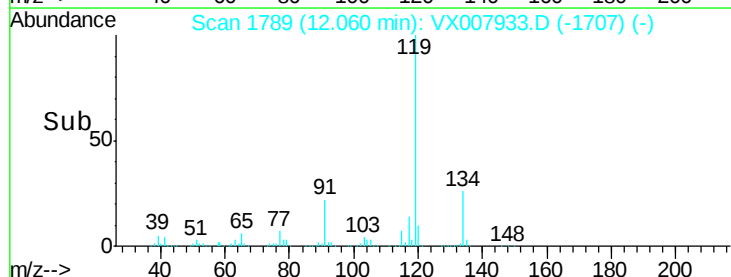
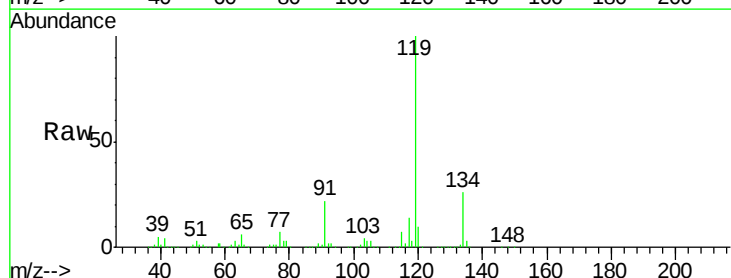
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

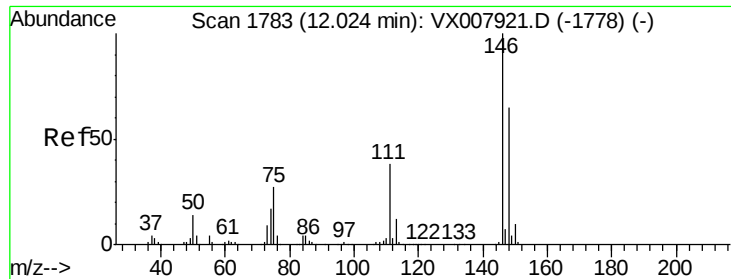
Tot Ion:105 Resp: 263431
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.951 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion:119 Resp: 235711
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 55.4
 91 22.0 0.0 45.0

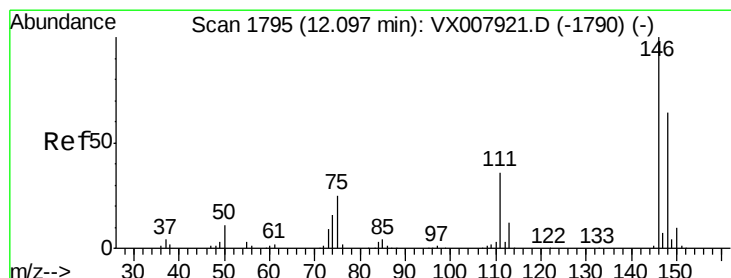
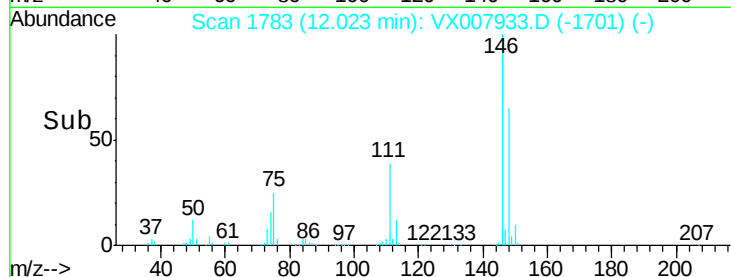
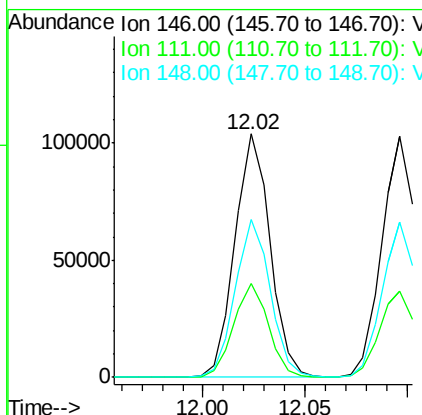
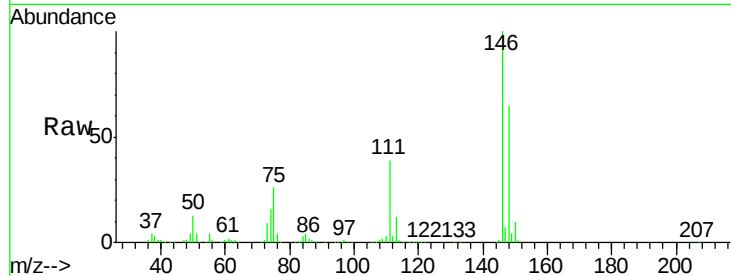




#83
 1,3-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

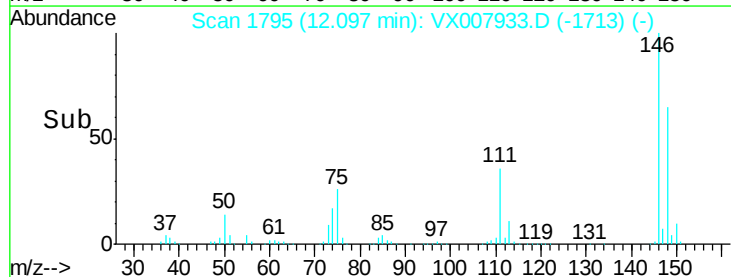
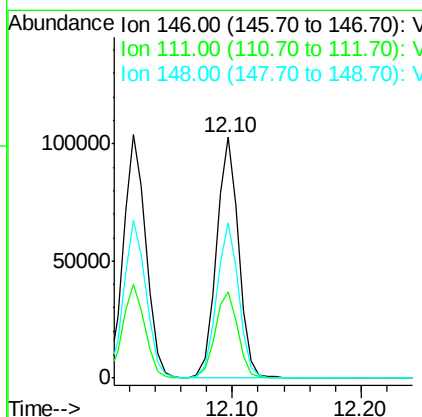
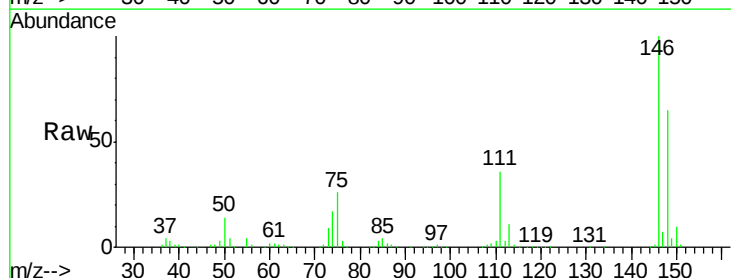
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

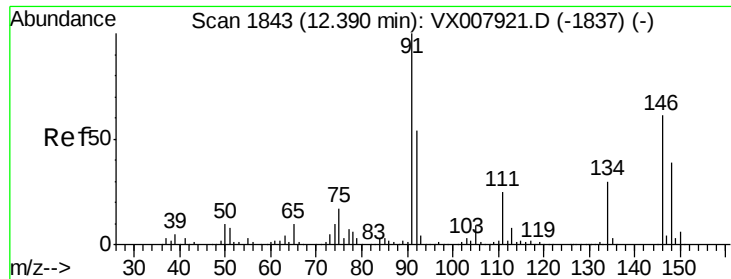
Tot Ion:146 Resp: 124429
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.3
 148 64.5 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.719 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion:146 Resp: 124054
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.6 52.8
 148 64.1 31.4 94.2

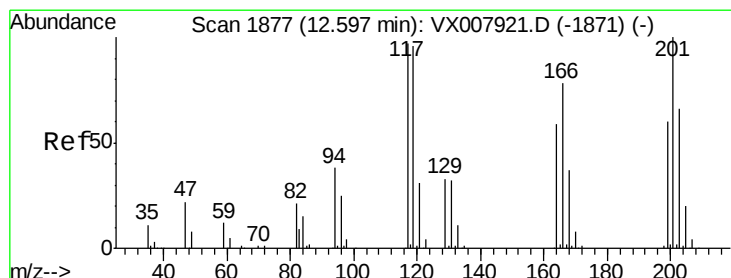
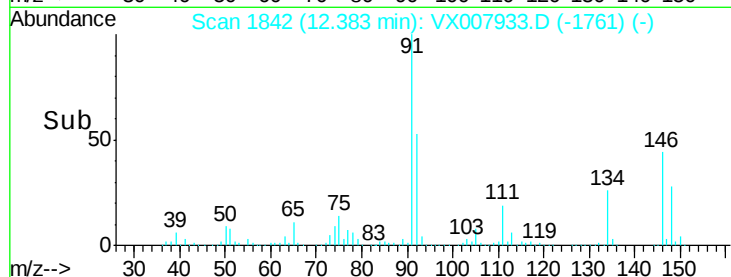
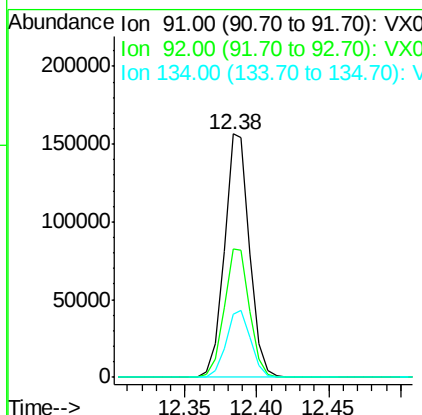
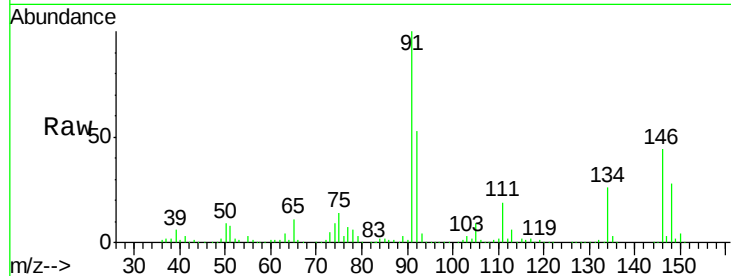




#85
n-Butylbenzene
Concen: 19.013 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

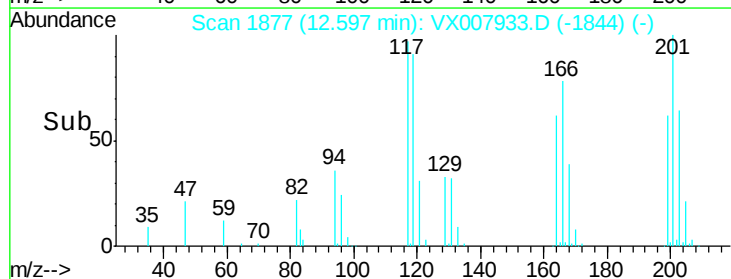
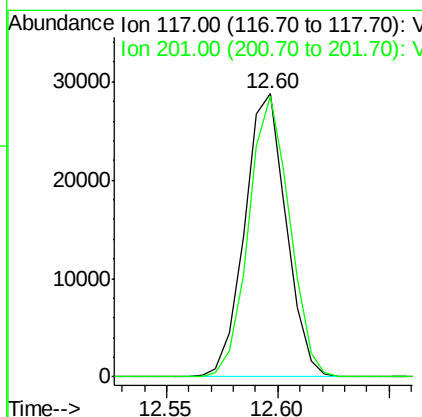
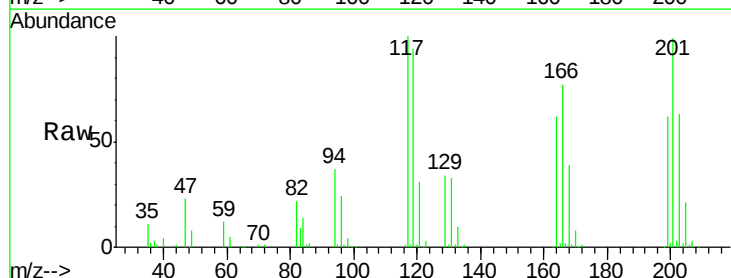
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

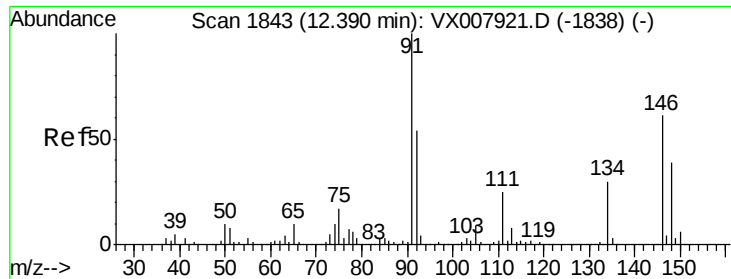
Tot Ion: 91 Resp: 192108
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.2
134 27.1 0.0 56.4



#86
Hexachloroethane
Concen: 19.427 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 117 Resp: 37396
Ion Ratio Lower Upper
117 100
201 97.5 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 20.291 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

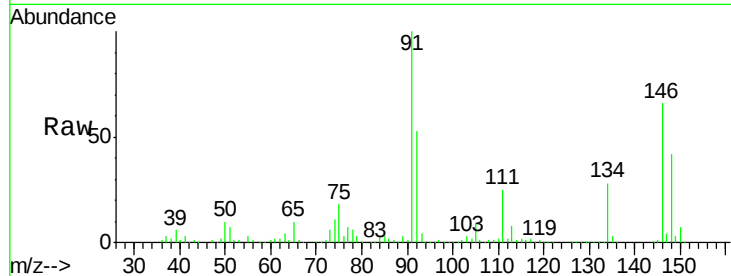
Tot Ion:146 Resp: 126091

Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

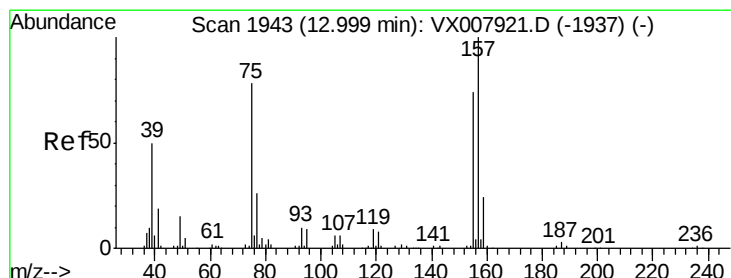
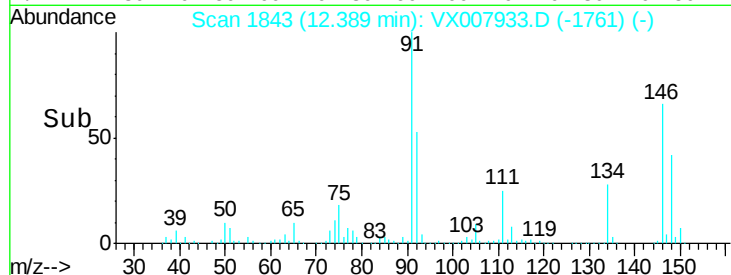
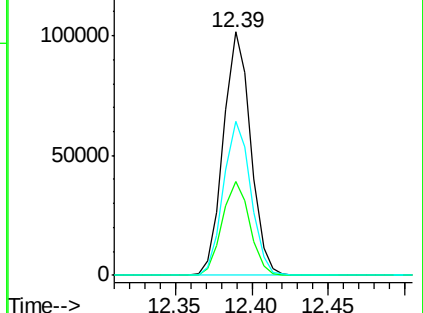
148 63.6 32.1 96.3



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: 20.139 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

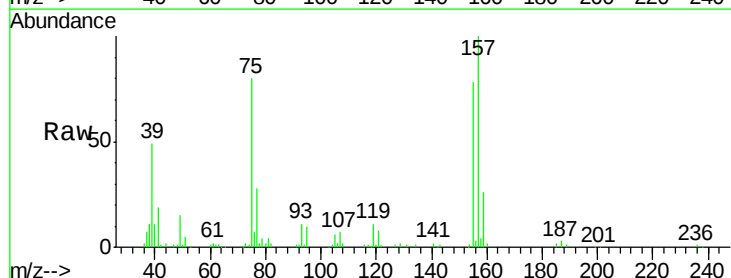
Tgt Ion: 75 Resp: 18048

Ion Ratio Lower Upper

75 100

155 97.0 81.0 121.6

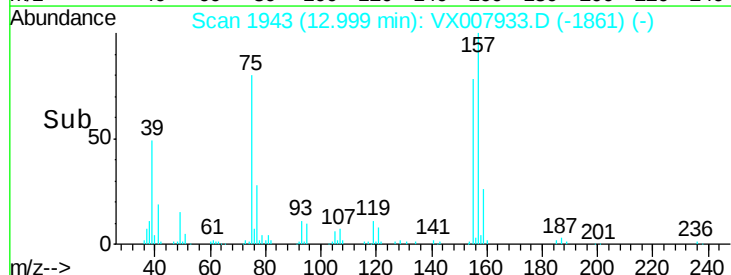
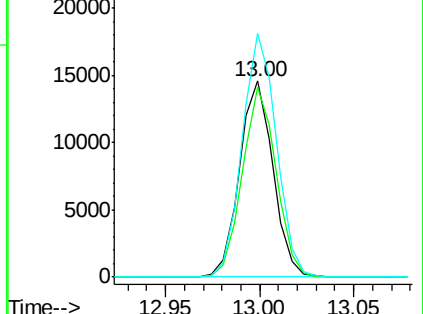
157 126.1 103.2 154.8

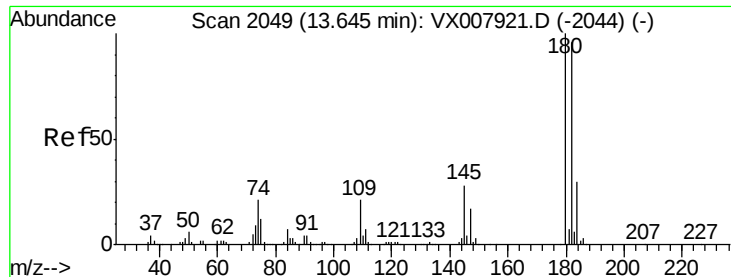


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

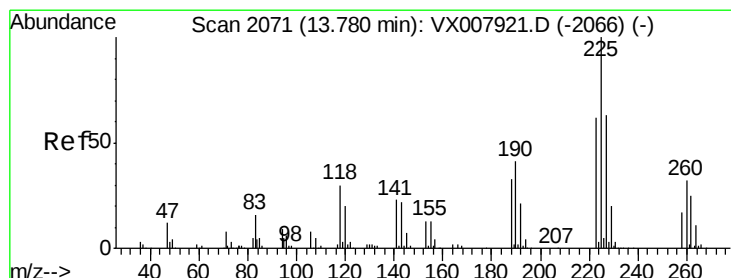
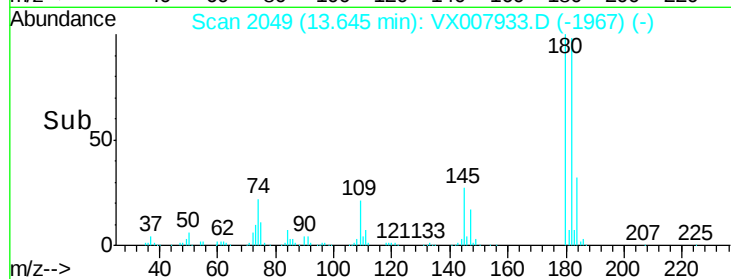
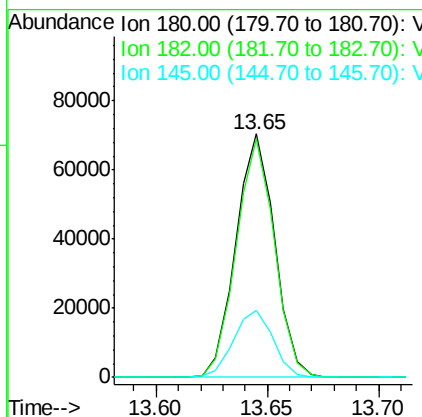
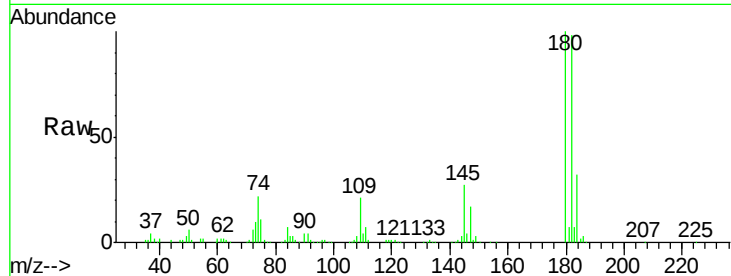




#89
 1,2,4-Trichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

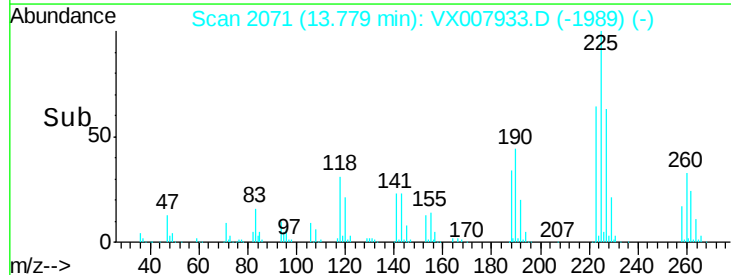
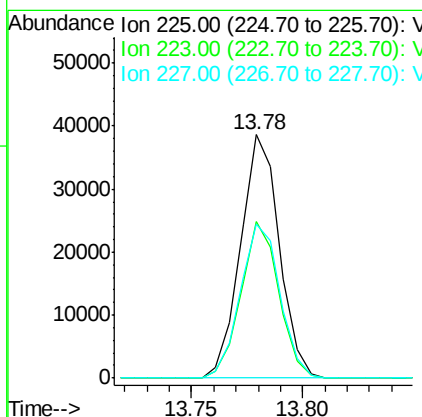
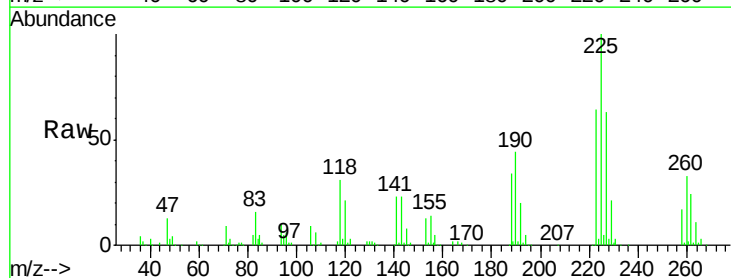
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

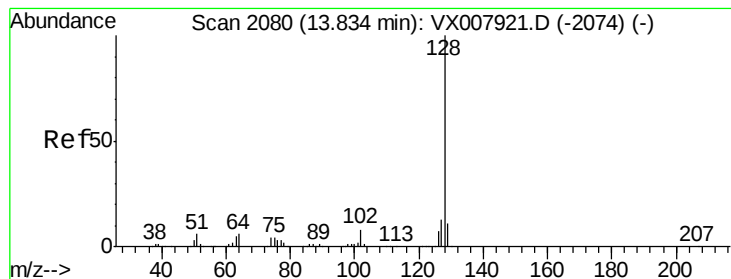
Tot Ion:180 Resp: 85230
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.6 113.4
 145 28.0 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.051 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion:225 Resp: 46925
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 123.8
 227 65.0 0.0 124.4





#91

Naphthalene

Concen: 20.148 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

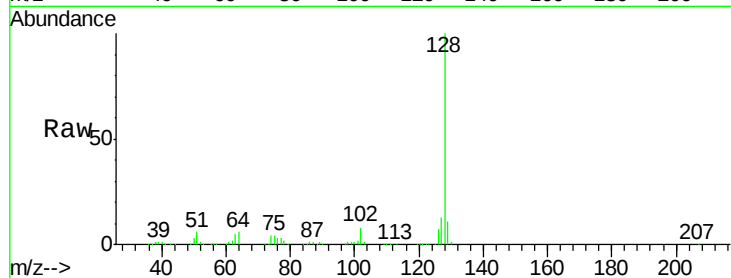
Tot Ion:128 Resp: 257926

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

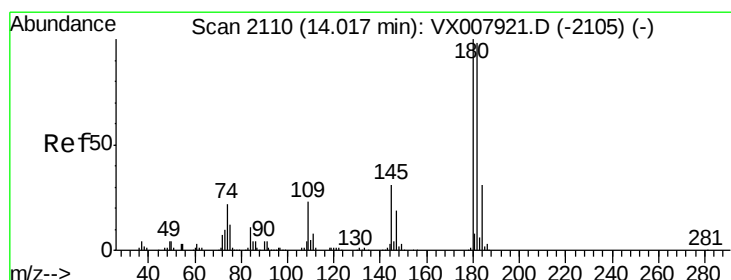
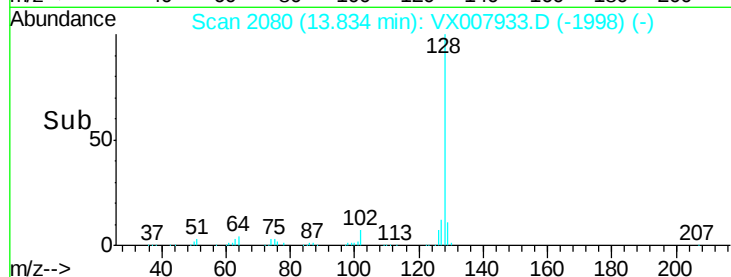
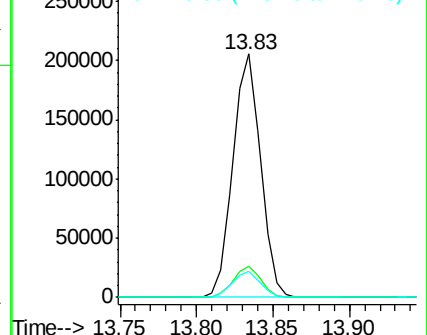
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.578 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

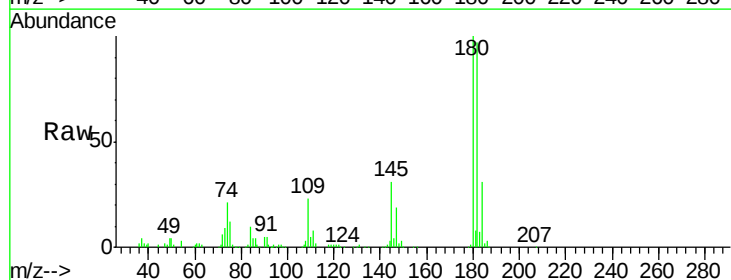
Tgt Ion:180 Resp: 86910

Ion Ratio Lower Upper

180 100

182 96.4 0.0 193.0

145 29.4 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

