

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016949.D
 Acq On : 25 Jun 2020 13:01
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Jun 26 08:52:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	39098	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	212896	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	197672	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91814	30.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.12	95	96426	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.70	98	262246	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	32818	17.261	ug/l 100
3) Chloromethane	1.32	50	50959	19.765	ug/l 100
4) Vinyl Chloride	1.39	62	50882	19.352	ug/l 100
5) Bromomethane	1.64	94	39316	20.767	ug/l 100
6) Chloroethane	1.72	64	32765	19.322	ug/l 100
7) Trichlorofluoromethane	1.92	101	81438	19.045	ug/l 100
8) Diethyl Ether	2.17	74	29861	19.192	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43217	19.043	ug/l 100
10) 1,1-Dichloroethene	2.36	96	43188	19.295	ug/l 100
11) Methyl Iodide	2.50	142	49957	16.716	ug/l 100
12) Methyl Acetate	2.75	43	54314	19.238	ug/l 100
13) Acrolein	2.27	56	41633	93.452	ug/l 100
14) Acrylonitrile	3.12	53	131386	98.254	ug/l 100
15) Acetone	2.42	58	33493	96.785	ug/l 100
16) Carbon Disulfide	2.55	76	134717	19.146	ug/l 100
17) Allyl chloride	2.71	41	82912	19.788	ug/l 100
18) Methylene Chloride	2.84	84	51699	19.177	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	48427	19.096	ug/l 100
20) Diisopropyl ether	3.82	45	160969	19.223	ug/l 100
21) 1,1-Dichloroethane	3.67	63	89632	19.412	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	54415	19.272	ug/l 100
23) tert-Butyl Alcohol	3.01	59	57674	367.950	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	154293	19.306	ug/l 100
25) Chloroform	5.18	83	90398	19.310	ug/l 100
26) Cyclohexane	5.55	56	78005	19.366	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	66462	19.163	ug/l 100
30) 2-Butanone	4.64	43	178477	98.729	ug/l 100
31) 2,2-Dichloropropane	4.55	77	77768	19.552	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	80947	19.289	ug/l 100
33) Carbon Tetrachloride	5.76	117	71830	19.301	ug/l 100
34) Benzene	6.11	78	196786	19.487	ug/l 100
35) Methacrylonitrile	5.01	41	39060	19.578	ug/l 100
36) 1,2-Dichloroethane	6.17	62	74884	19.362	ug/l 100
37) Trichloroethene	7.19	130	54033	19.609	ug/l 100
38) Methylcyclohexane	7.44	83	74054	18.750	ug/l 100
39) 1,2-Dichloropropane	7.49	63	50387	19.152	ug/l 100
40) Dibromomethane	7.63	93	35130	19.374	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	73255	19.510	ug/l	100
42) Vinyl Acetate	3.79	43	706512	96.983	ug/l	100
43) Ethyl Acetate	4.79	43	73220	19.604	ug/l	100
44) Isopropyl Acetate	6.42	43	118348	19.175	ug/l	100
45) 1,4-Dioxane	7.71	88	24797	398.234	ug/l	100
46) Methyl methacrylate	7.74	41	55122	19.298	ug/l	100
47) n-amyl Acetate	10.88	43	100394	18.402	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	77060	18.562	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	84306	19.323	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	48263	19.072	ug/l	100
51) Ethyl methacrylate	9.16	69	73573	18.944	ug/l	100
52) 1,3-Dichloropropane	9.35	76	86605	19.934	ug/l	100
53) Dibromochloromethane	9.56	129	54809	18.844	ug/l	100
54) 1,2-Dibromoethane	9.65	107	51082	19.023	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	196361	96.081	ug/l	100
56) Bromoform	10.84	173	37732	18.275	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	355529	97.641	ug/l	100
59) 2-Hexanone	9.47	43	264628	97.381	ug/l	100
61) Tetrachloroethene	9.32	164	48006	19.043	ug/l	100
62) Toluene	8.76	91	209706	19.396	ug/l	100
64) Chlorobenzene	10.12	112	128402	18.957	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	49140	19.271	ug/l	100
66) Ethyl Benzene	10.24	91	228759	19.080	ug/l	100
67) m/p-Xylenes	10.34	106	171008	37.809	ug/l	100
68) o-Xylene	10.68	106	82901	19.081	ug/l	100
69) Styrene	10.70	104	137608	18.498	ug/l	100
70) Isopropylbenzene	11.00	105	220499	18.712	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	68128	18.825	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	86603	24.919	ug/l	86
73) Bromobenzene	11.24	156	56940	19.146	ug/l	100
74) n-propylbenzene	11.34	91	261011	18.655	ug/l	100
75) 2-Chlorotoluene	11.40	91	150662	18.466	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	184437	18.647	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	25794	18.314	ug/l	100
78) 4-Chlorotoluene	11.49	91	179139	18.544	ug/l	100
79) tert-butylbenzene	11.76	119	177301	18.712	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	186817	18.813	ug/l	100
81) sec-Butylbenzene	11.93	105	213174	18.582	ug/l	100
82) p-Isopropyltoluene	12.05	119	192863	18.619	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	100295	18.819	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	100551	18.778	ug/l	100
85) n-Butylbenzene	12.37	91	176667	18.426	ug/l	100
86) Hexachloroethane	12.58	117	38042	18.766	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	94467	18.937	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15759	19.139	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	60952	18.111	ug/l	100
90) Hexachlorobutadiene	13.76	225	23083	18.030	ug/l	100
91) Naphthalene	13.82	128	207301	18.792	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	60708	18.484	ug/l	100

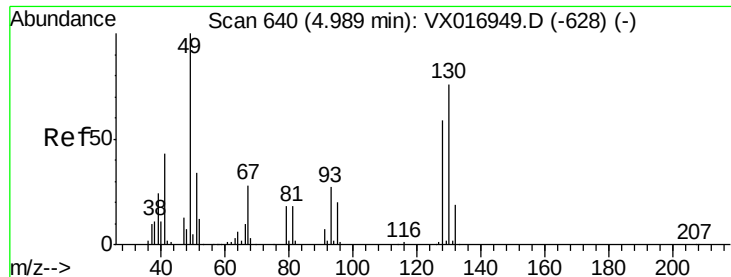
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

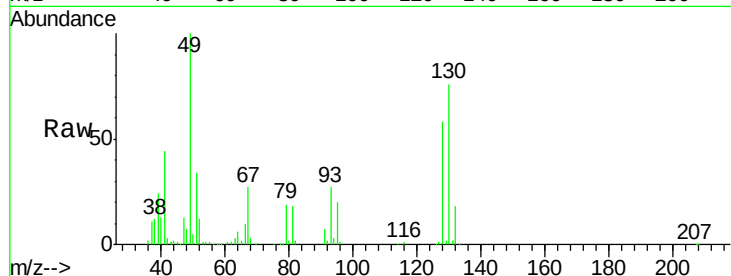
Tgt Ion:128 Resp: 39098

Ion Ratio Lower Upper

128 100

49 171.2 0.0 428.0

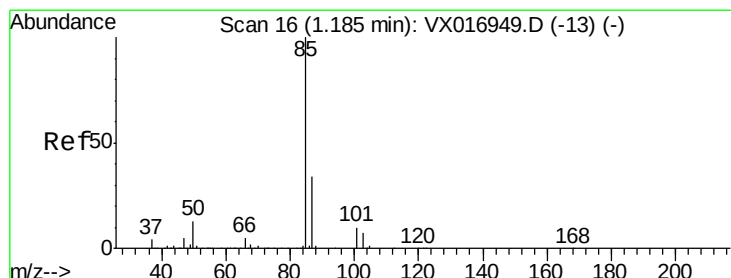
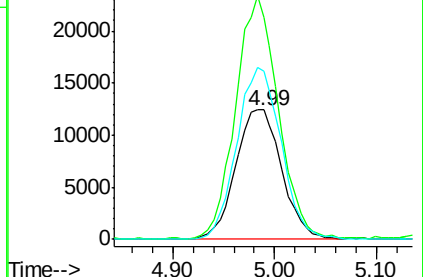
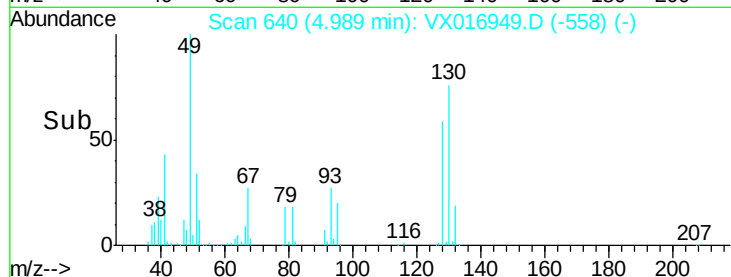
130 127.2 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.261 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016949.D

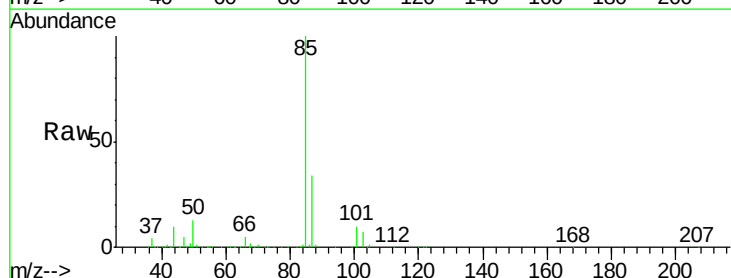
Acq: 25 Jun 2020 13:01

Tgt Ion: 85 Resp: 32818

Ion Ratio Lower Upper

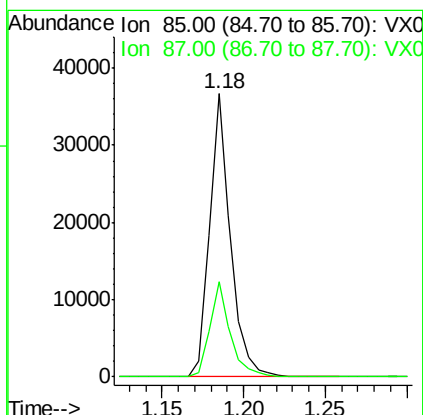
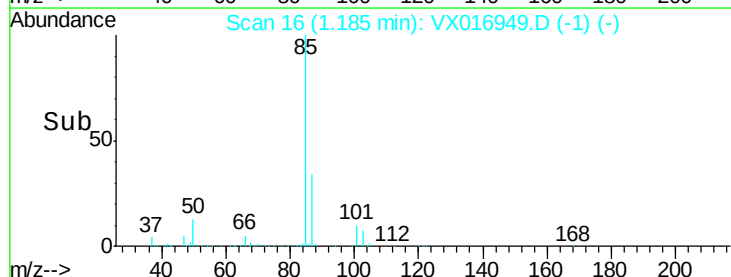
85 100

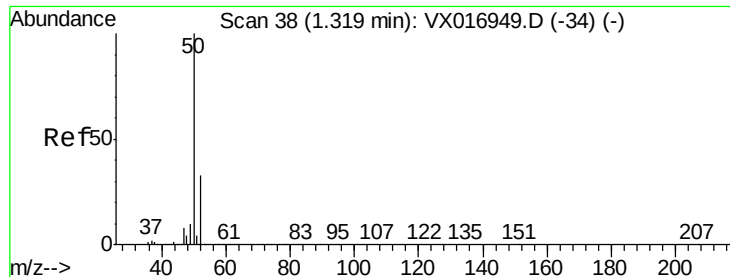
87 33.8 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

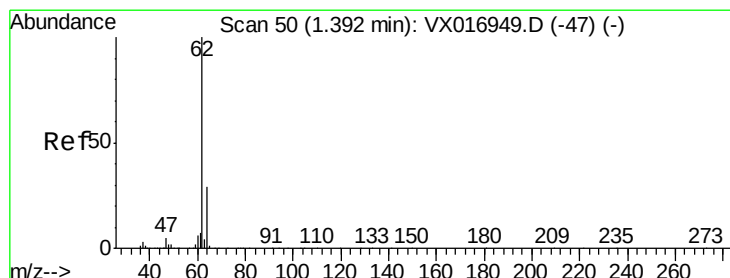
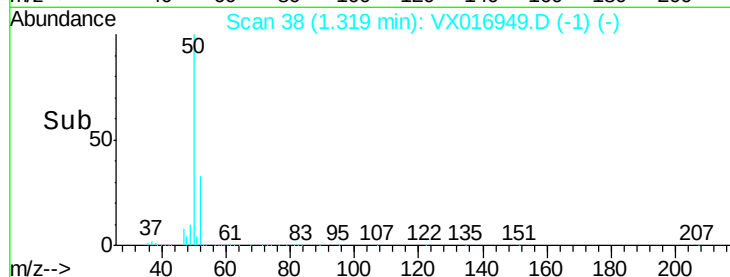
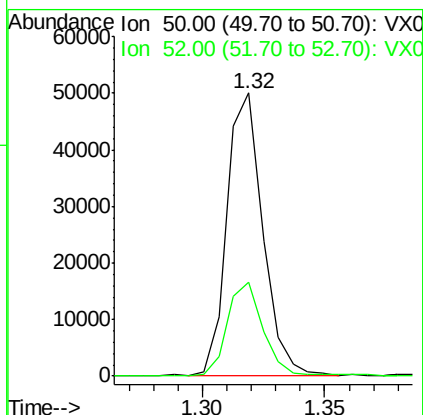
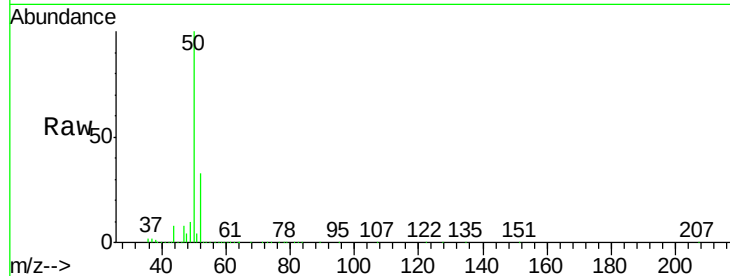




#3
Chloromethane
Concen: 19.765 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

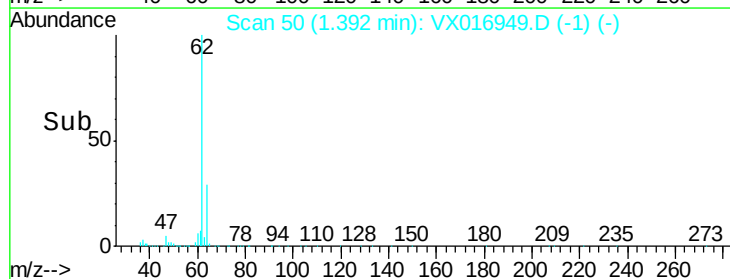
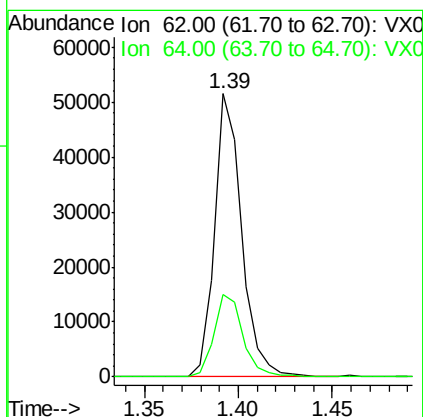
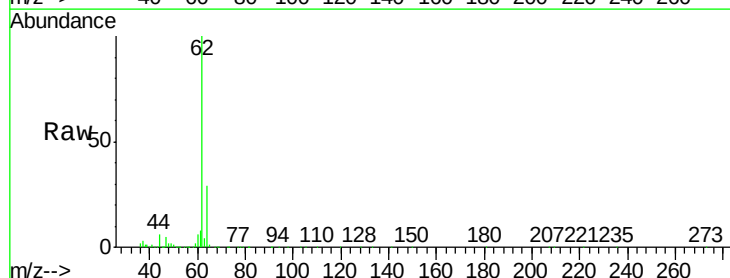
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

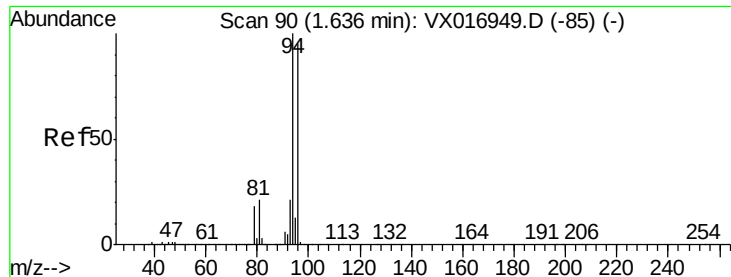
Tgt Ion: 50 Resp: 50959
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 19.352 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 62 Resp: 50882
Ion Ratio Lower Upper
62 100
64 29.2 23.4 35.0





#5

Bromomethane

Concen: 20.767 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

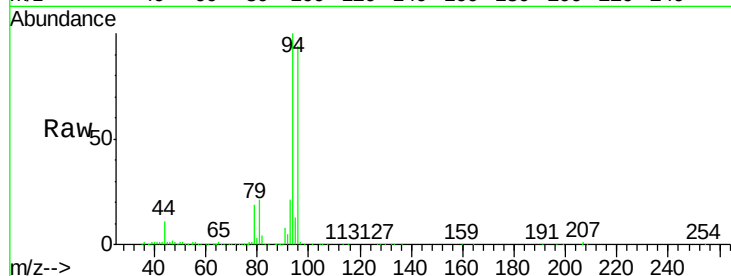
VSTDICCC020

Tgt Ion: 94 Resp: 39316

Ion Ratio Lower Upper

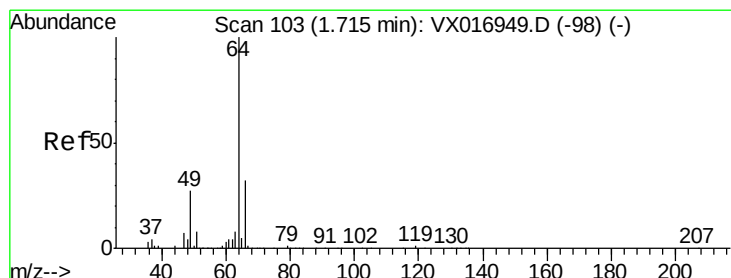
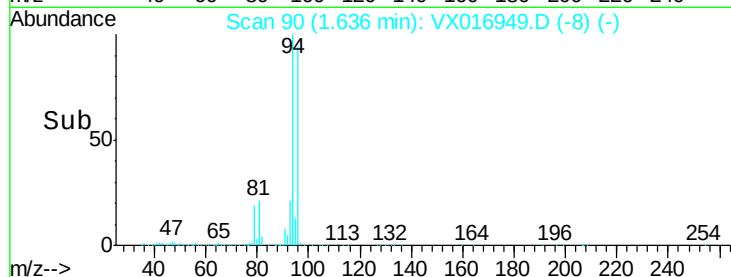
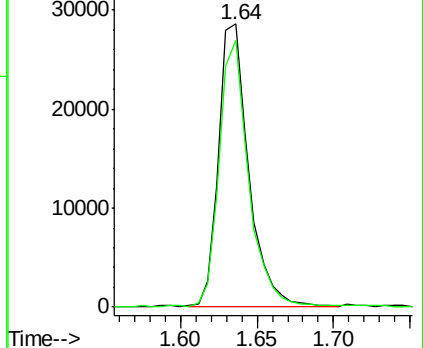
94 100

96 94.4 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.322 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016949.D

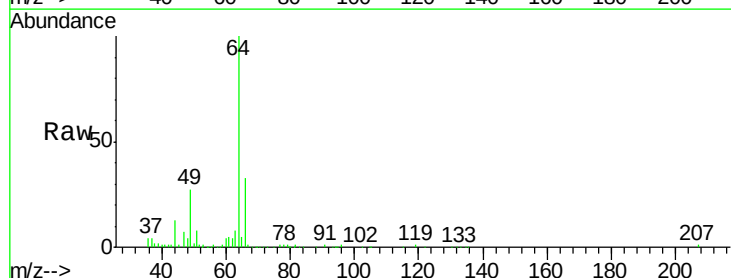
Acq: 25 Jun 2020 13:01

Tgt Ion: 64 Resp: 32765

Ion Ratio Lower Upper

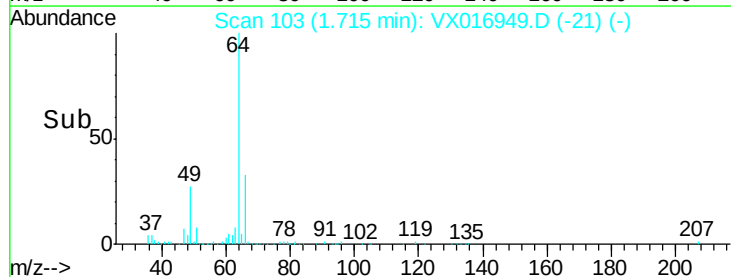
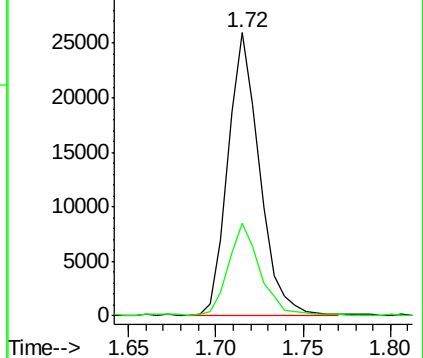
64 100

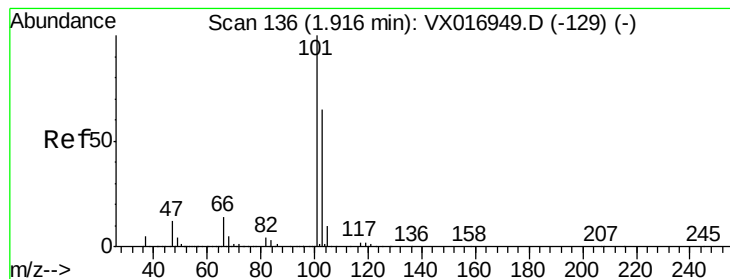
66 32.6 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



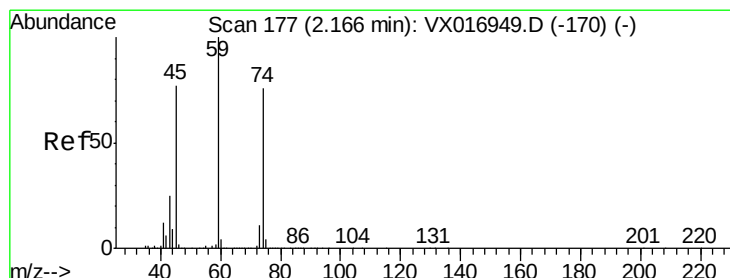
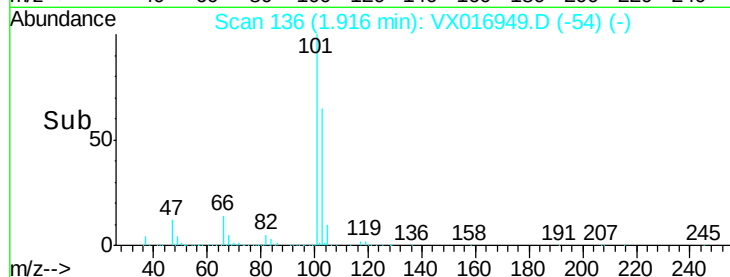
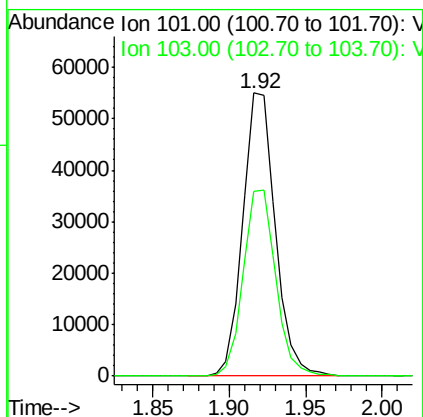
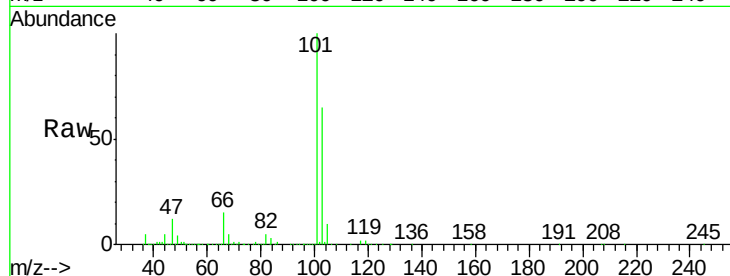


#7

Trichlorofluoromethane
Concen: 19.045 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

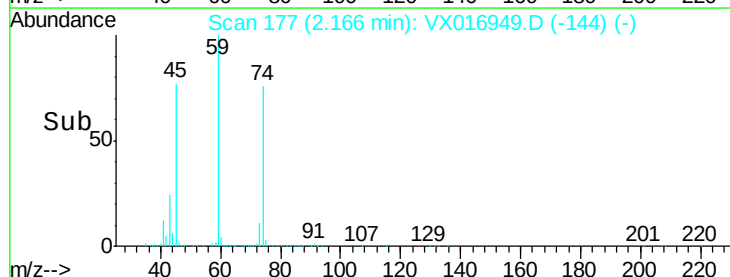
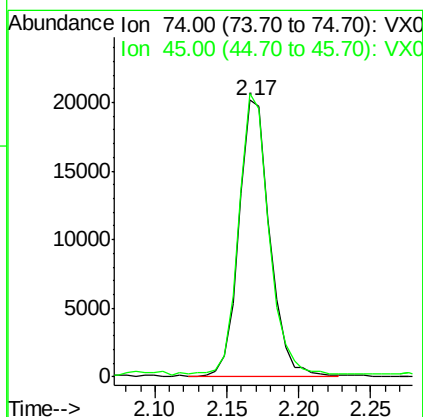
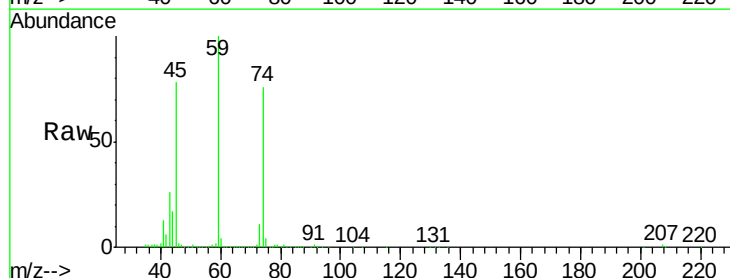
Tgt Ion: 101 Resp: 81438
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

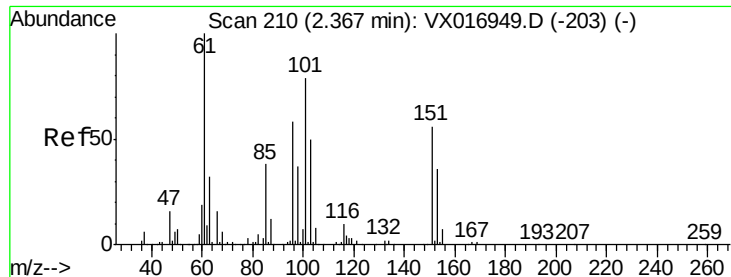


#8

Diethyl Ether
Concen: 19.192 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 74 Resp: 29861
Ion Ratio Lower Upper
74 100
45 99.0 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.043 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

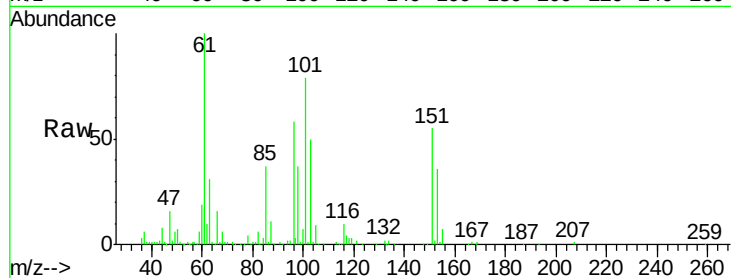
Tgt Ion: 101 Resp: 43217

Ion Ratio Lower Upper

101 100

85 47.3 0.0 94.6

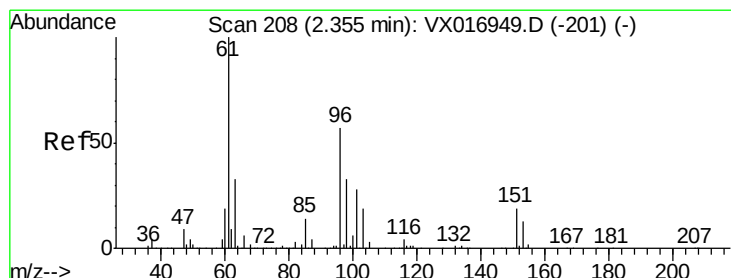
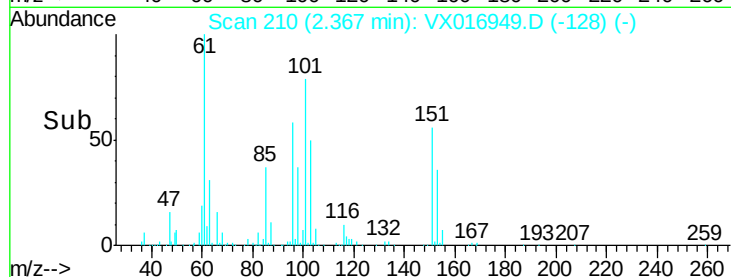
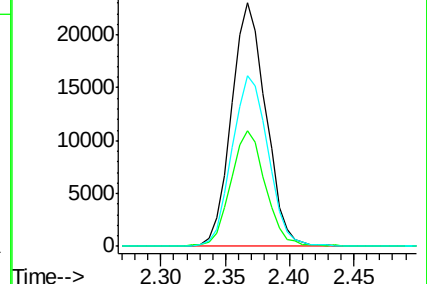
151 72.9 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.295 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

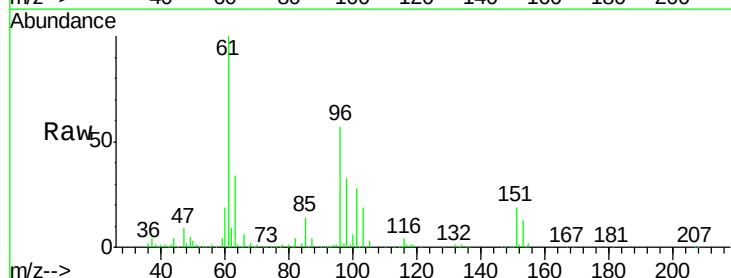
Tgt Ion: 96 Resp: 43188

Ion Ratio Lower Upper

96 100

61 176.6 141.3 211.9

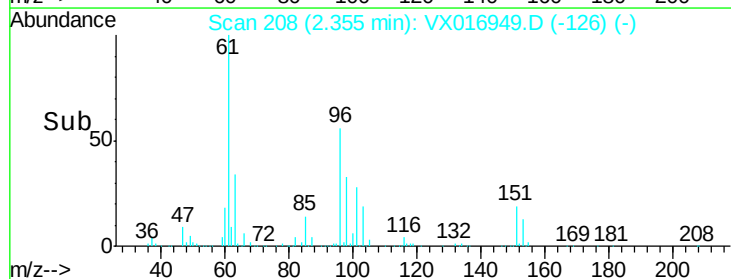
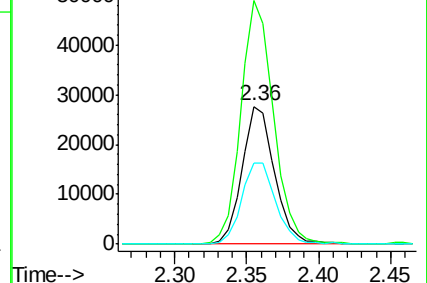
98 58.7 47.0 70.4

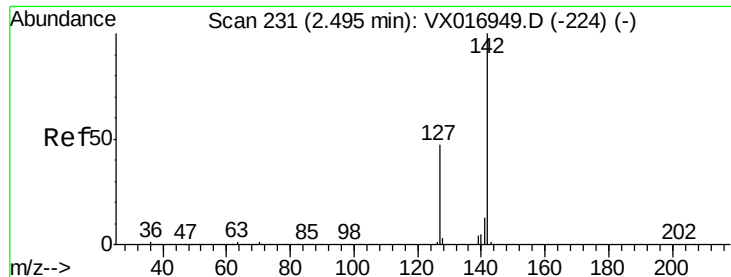


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

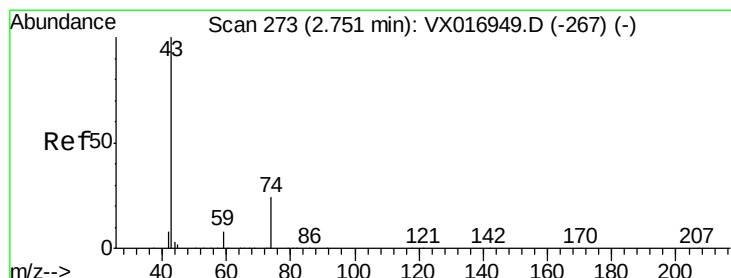
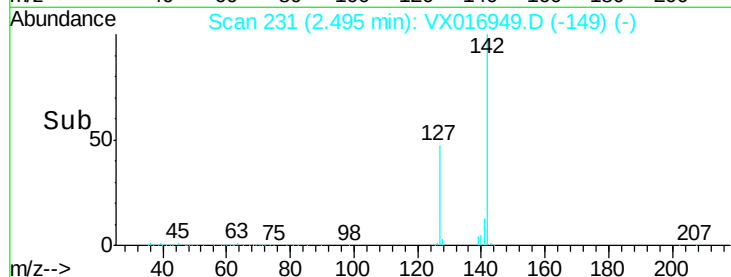
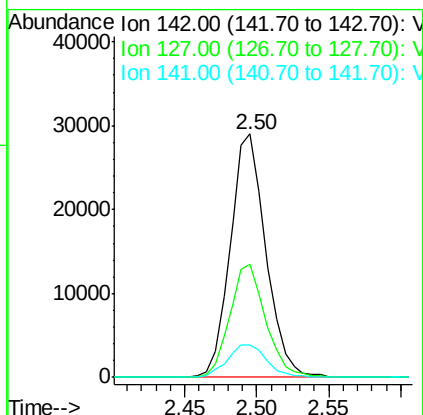
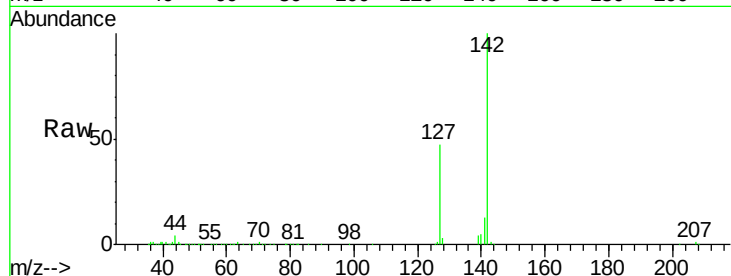




#11
Methyl Iodide
Concen: 16.716 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

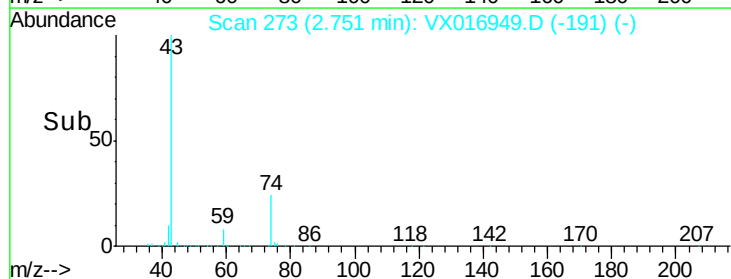
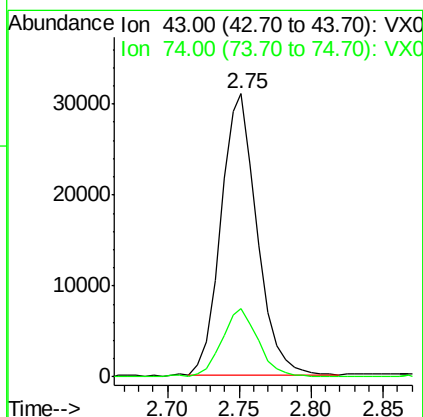
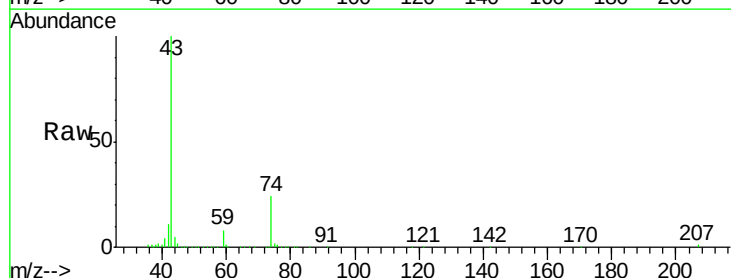
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

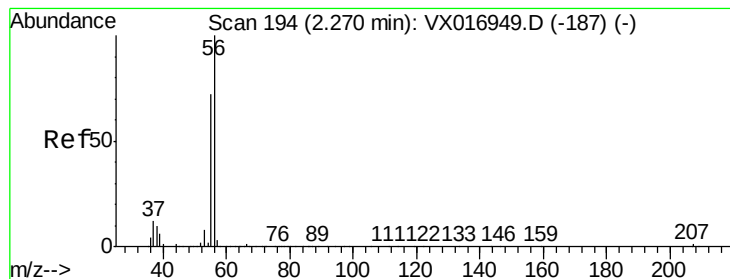
Tgt Ion:142 Resp: 49957
Ion Ratio Lower Upper
142 100
127 46.6 23.3 69.9
141 13.4 6.7 20.1



#12
Methyl Acetate
Concen: 19.238 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 43 Resp: 54314
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#13

Acrolein

Concen: 93.452 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

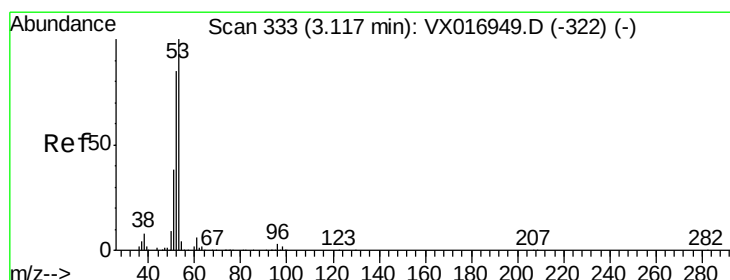
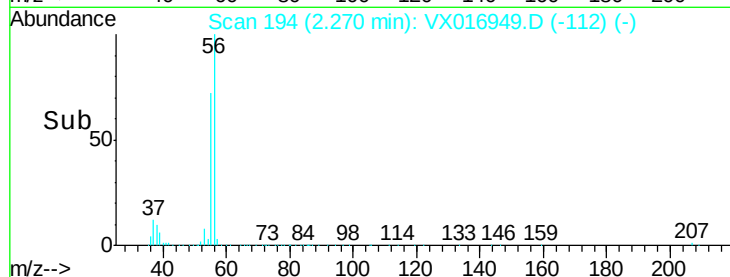
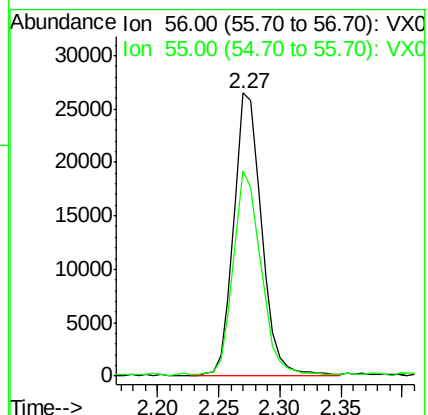
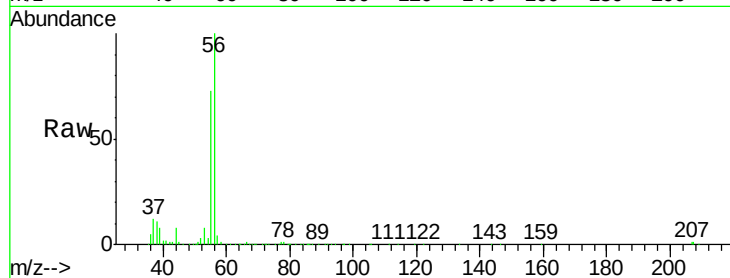
VSTDICCC020

Tgt Ion: 56 Resp: 41633

Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.4



#14

Acrylonitrile

Concen: 98.254 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

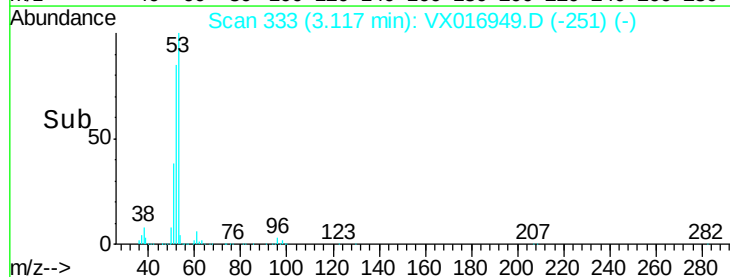
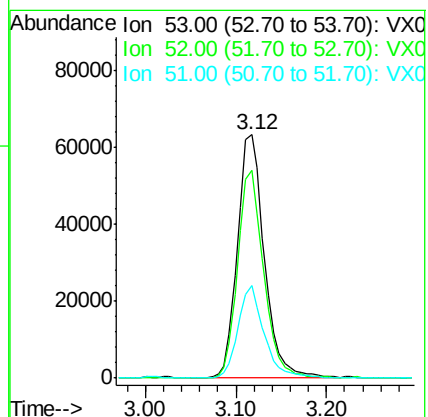
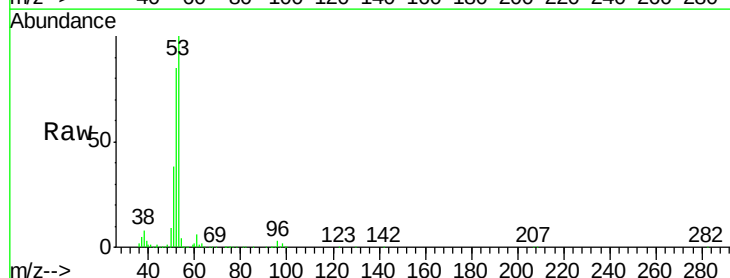
Tgt Ion: 53 Resp: 131386

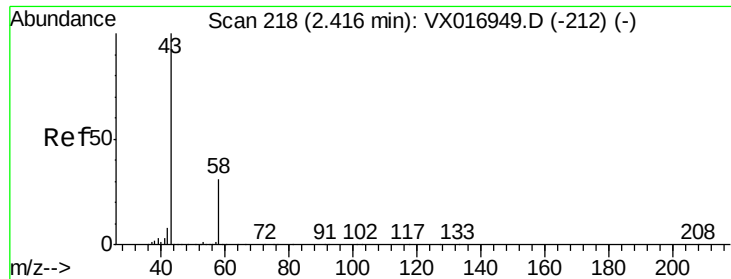
Ion Ratio Lower Upper

53 100

52 81.2 40.6 121.8

51 36.9 18.4 55.4





#15

Acetone

Concen: 96.785 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

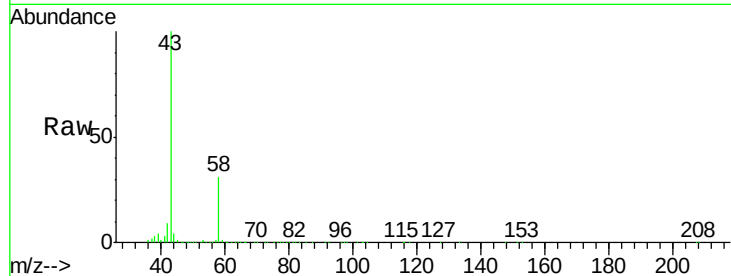
VSTDICCC020

Tgt Ion: 58 Resp: 33493

Ion Ratio Lower Upper

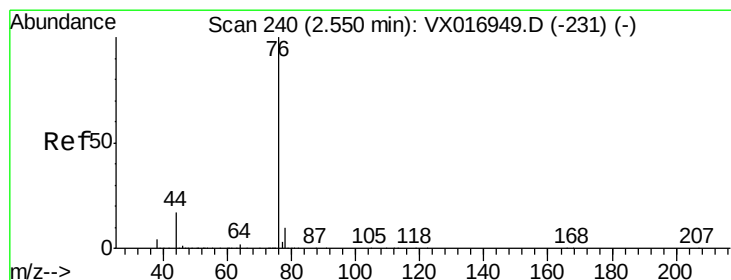
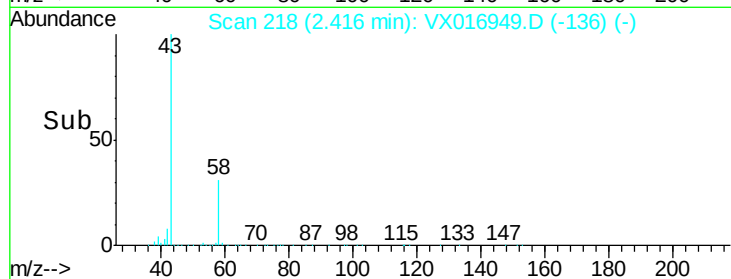
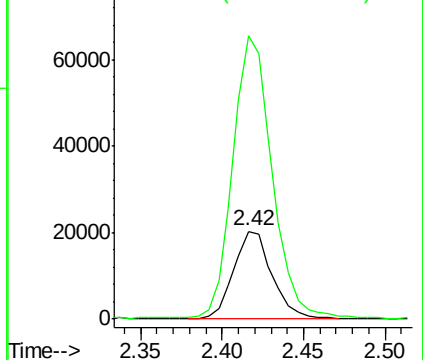
58 100

43 322.0 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.146 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016949.D

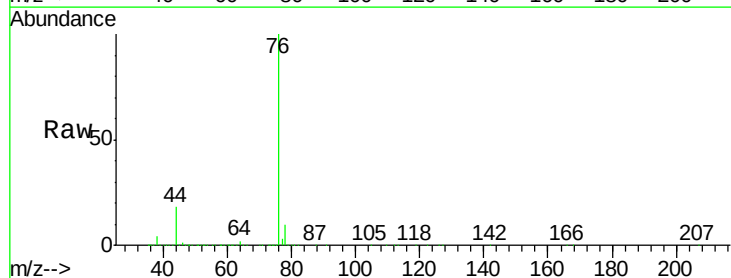
Acq: 25 Jun 2020 13:01

Tgt Ion: 76 Resp: 134717

Ion Ratio Lower Upper

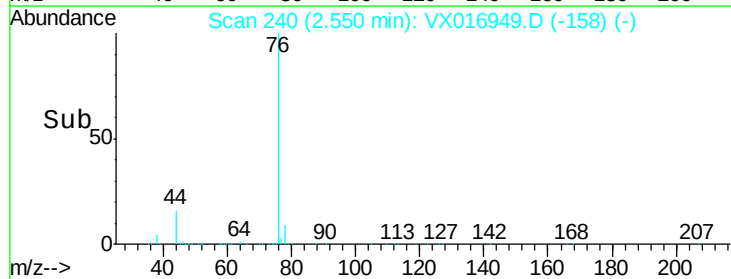
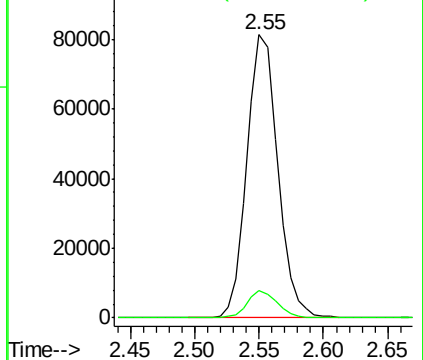
76 100

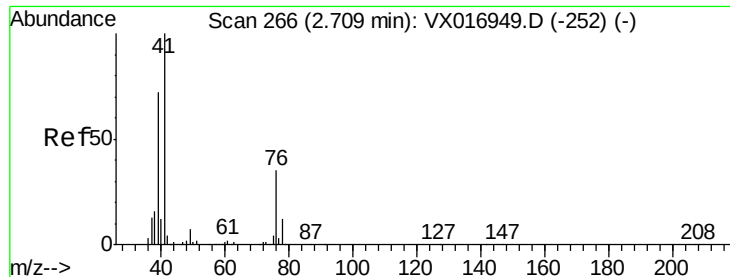
78 9.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 19.788 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

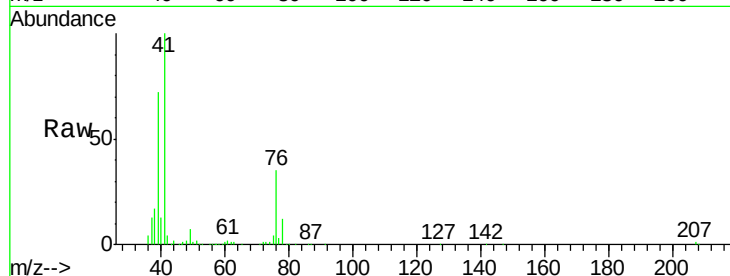
Tgt Ion: 41 Resp: 82912

Ion Ratio Lower Upper

41 100

39 71.9 35.9 107.8

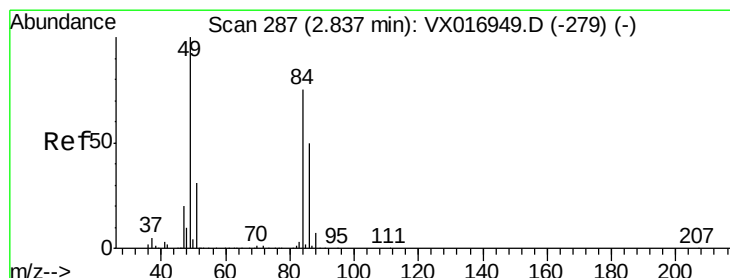
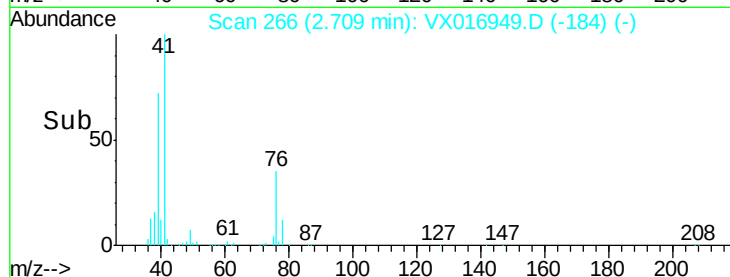
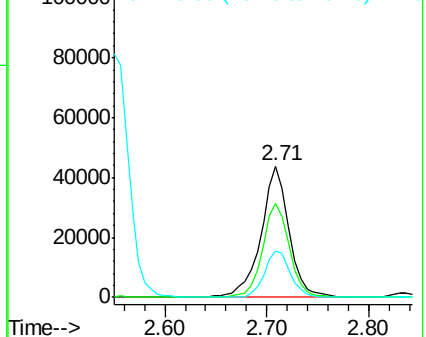
76 35.2 17.6 52.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.177 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion: 84 Resp: 51699

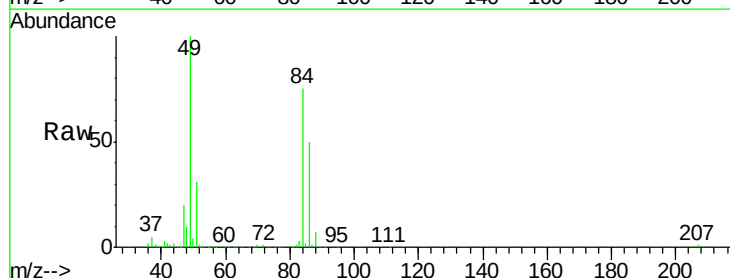
Ion Ratio Lower Upper

84 100

49 133.2 106.6 159.8

51 40.9 32.7 49.1

86 66.3 53.0 79.6

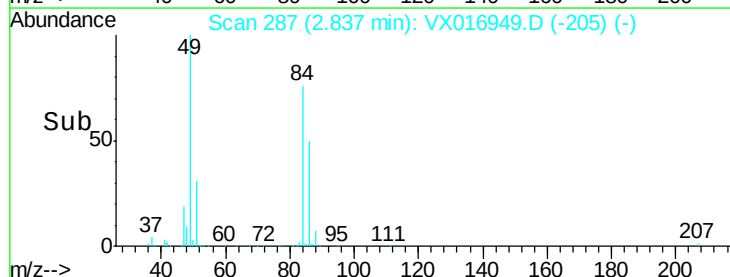
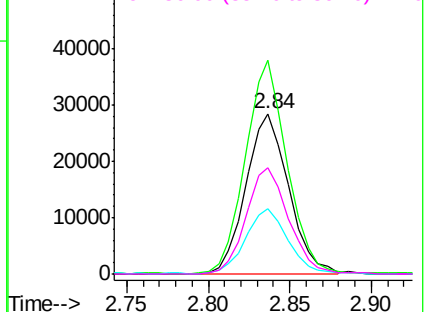


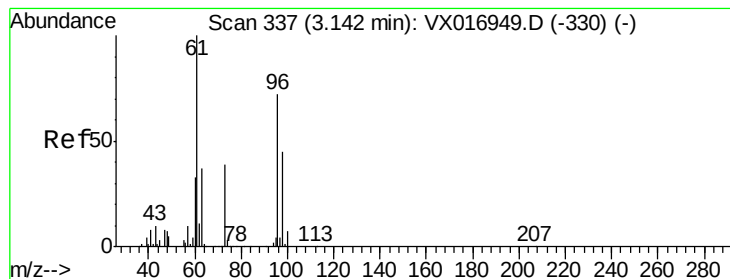
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.096 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

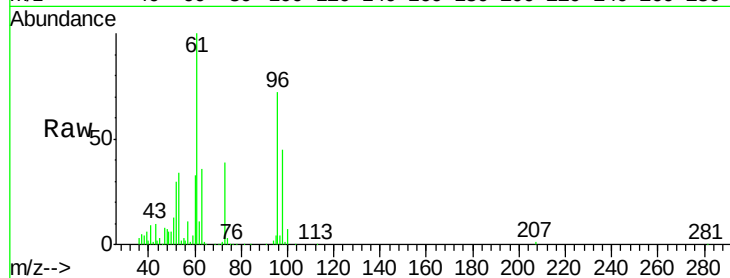
Tgt Ion: 96 Resp: 48427

Ion Ratio Lower Upper

96 100

61 138.2 110.6 165.8

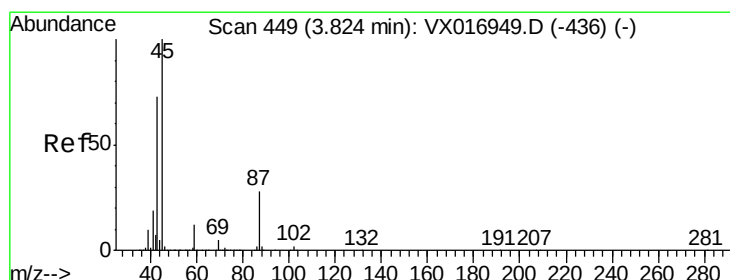
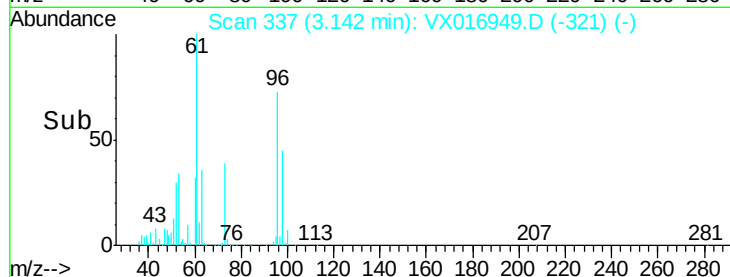
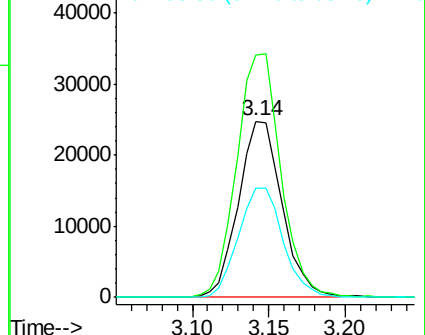
98 62.2 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.223 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion: 45 Resp: 160969

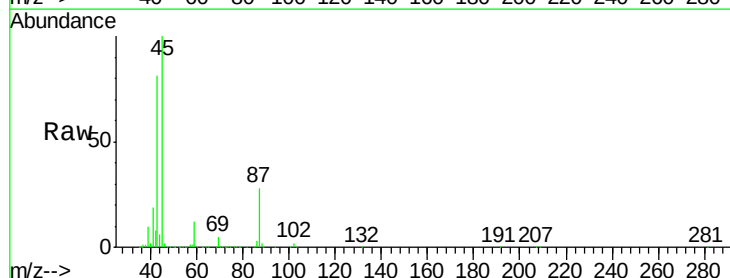
Ion Ratio Lower Upper

45 100

43 79.9 63.9 95.9

87 27.8 22.2 33.4

59 12.2 9.8 14.6

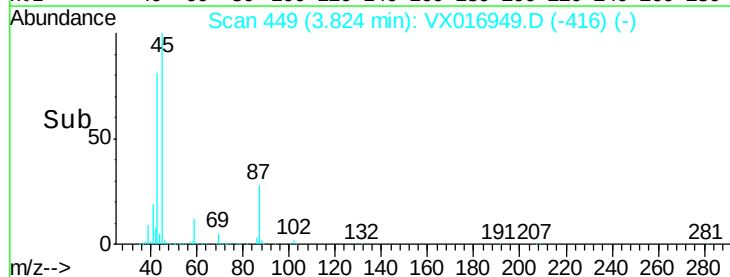
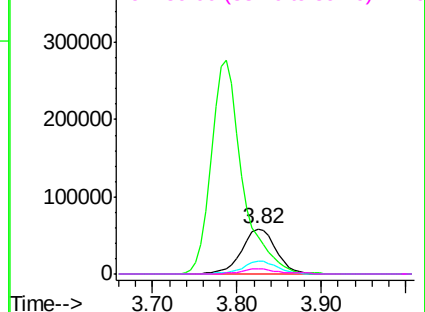


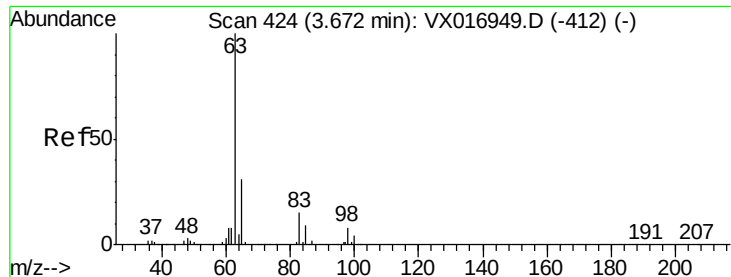
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.412 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

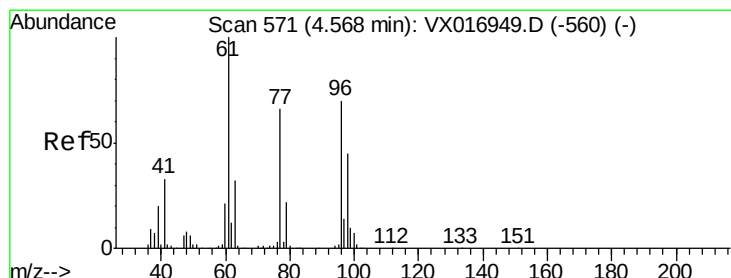
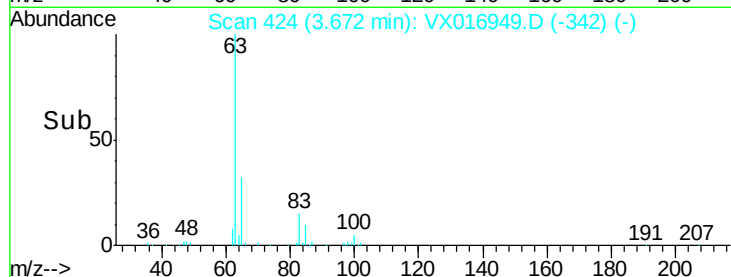
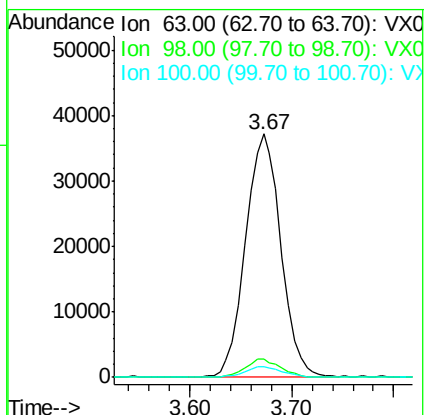
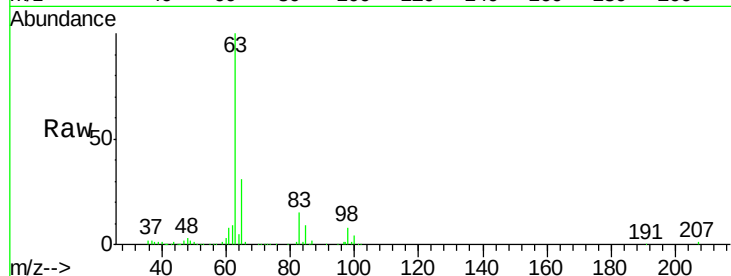
Tgt Ion: 63 Resp: 89632

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.4 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

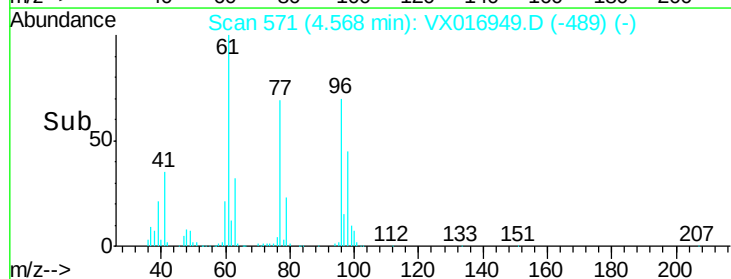
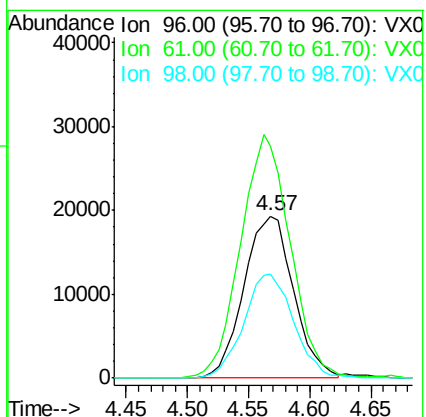
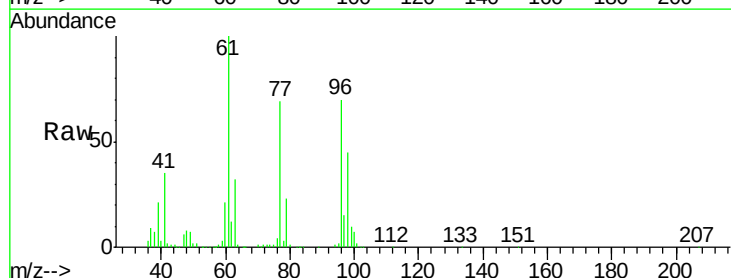
Tgt Ion: 96 Resp: 54415

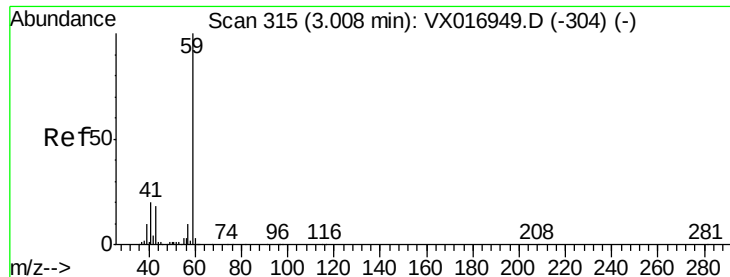
Ion Ratio Lower Upper

96 100

61 151.0 120.8 181.2

98 64.6 51.7 77.5



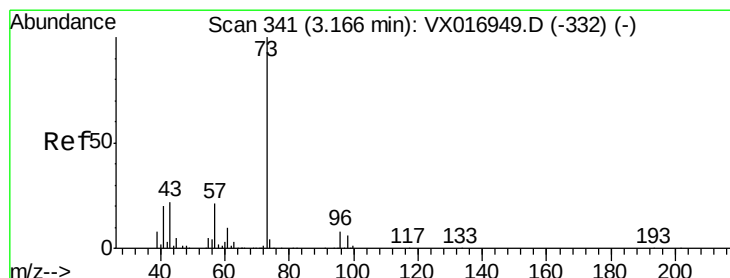
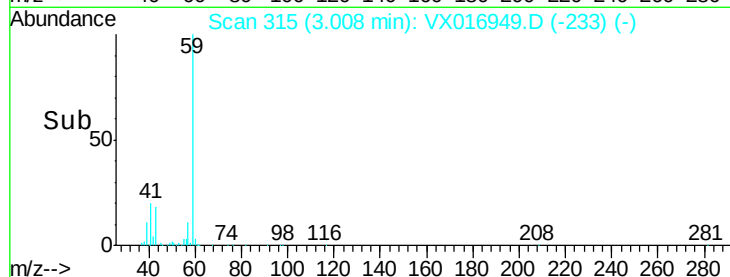
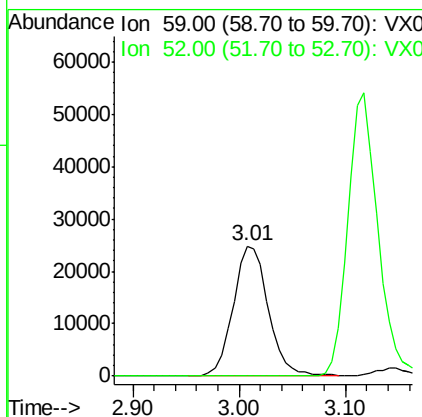
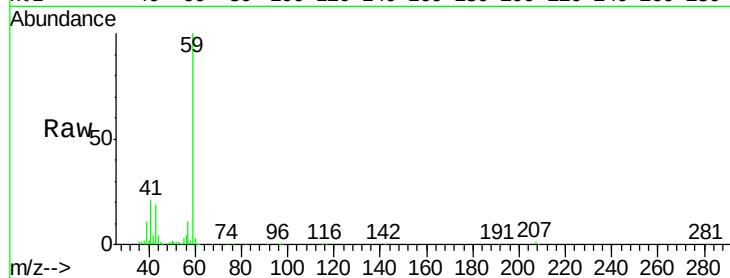


#23

tert-Butyl Alcohol
Concen: 367.950 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

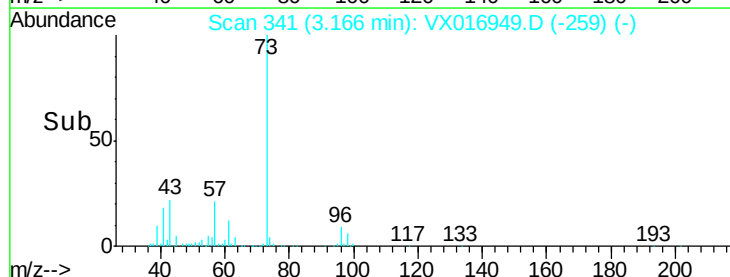
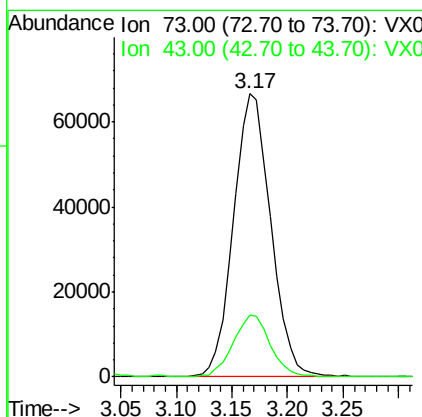
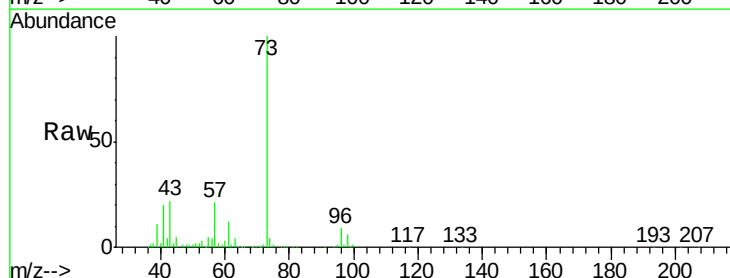
Tgt Ion: 59 Resp: 57674
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#

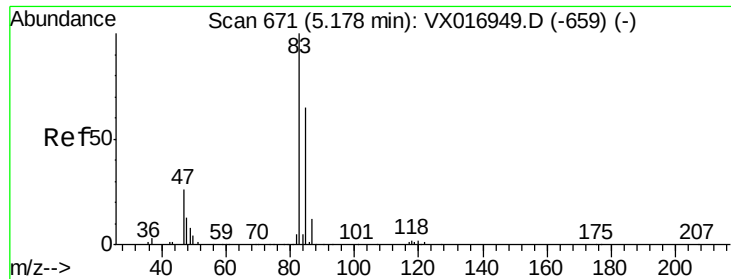


#24

Methyl tert-Butyl Ether
Concen: 19.306 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 73 Resp: 154293
Ion Ratio Lower Upper
73 100
43 21.5 17.2 25.8

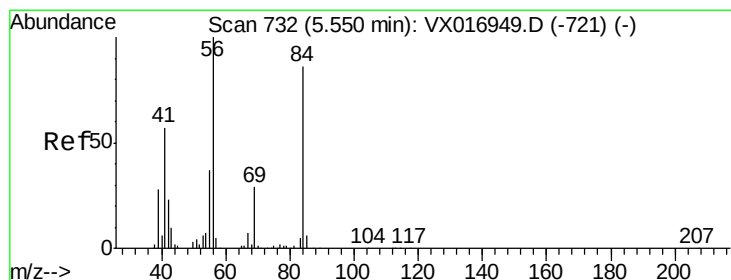
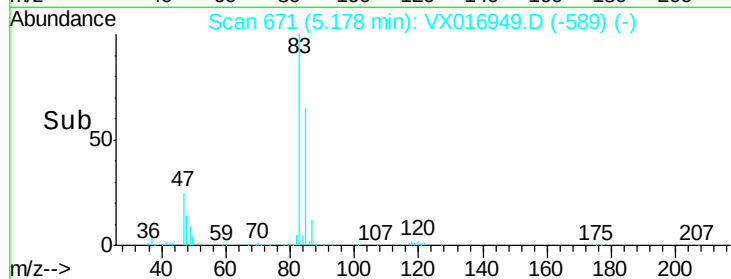
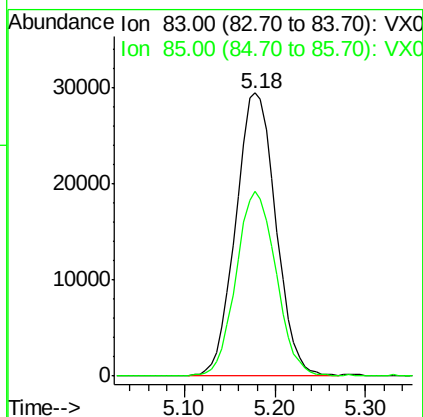
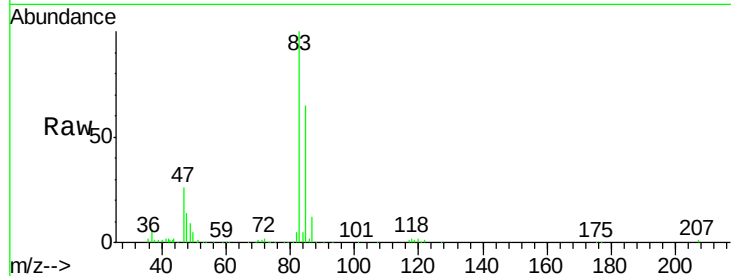




#25
Chloroform
Concen: 19.310 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

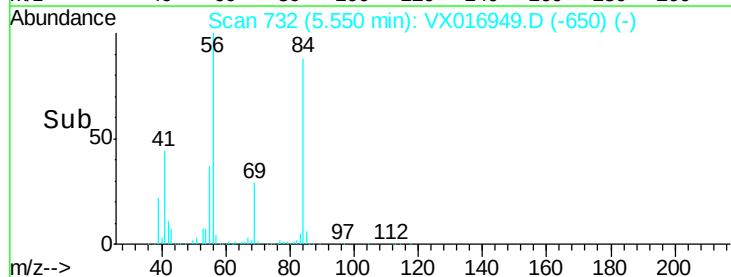
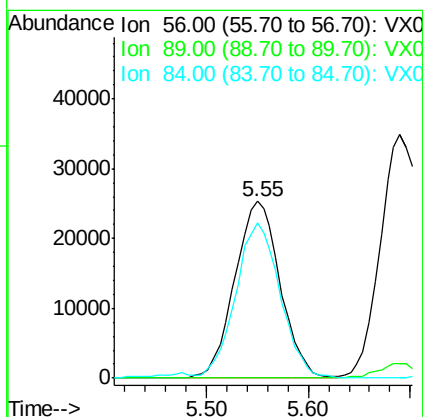
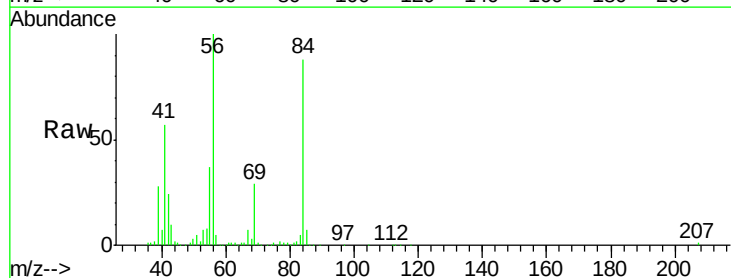
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

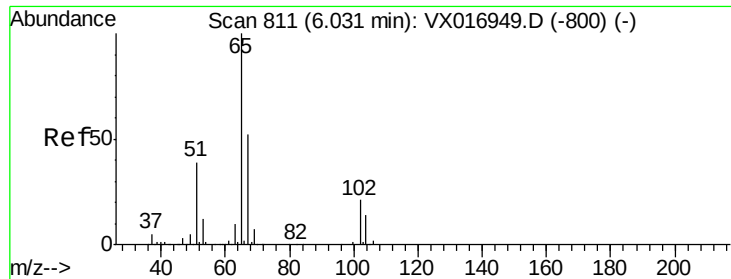
Tgt Ion: 83 Resp: 90398
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1



#26
Cyclohexane
Concen: 19.366 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 56 Resp: 78005
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 86.3 69.0 103.6

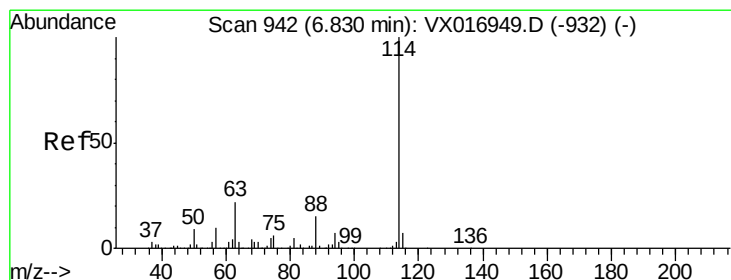
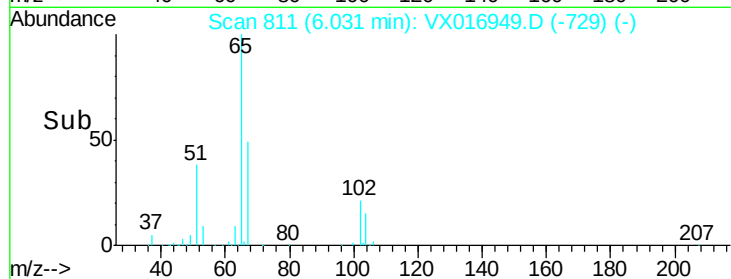
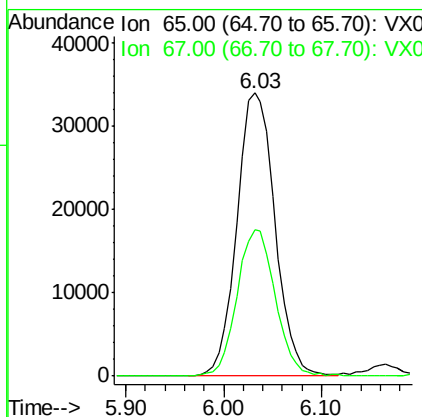
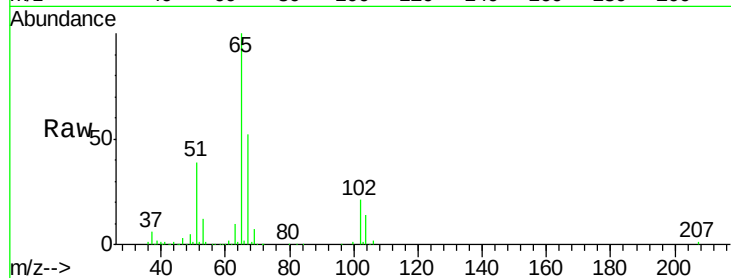




#27
 1,2-Dichloroethane-d4
 Concen: 30.171 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

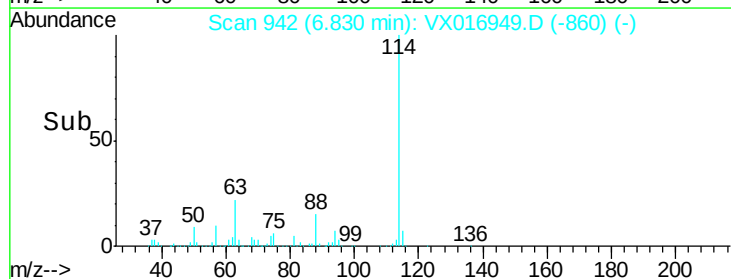
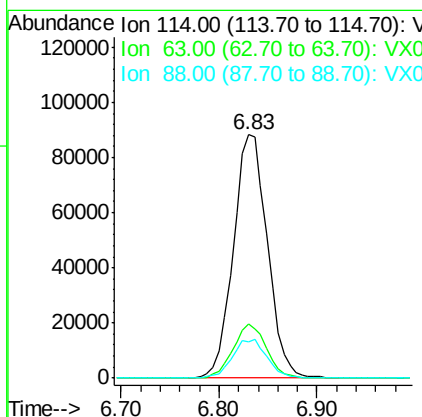
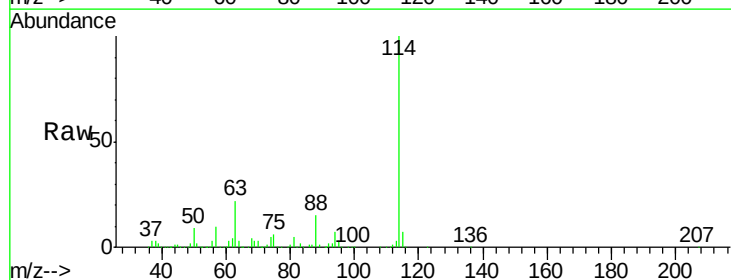
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

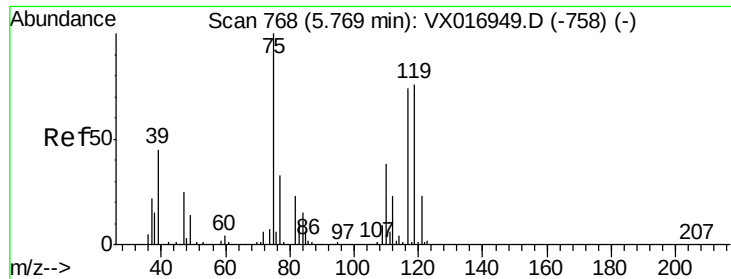
Tgt Ion: 65 Resp: 91814
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion: 114 Resp: 212896
 Ion Ratio Lower Upper
 114 100
 63 21.8 17.4 26.2
 88 16.3 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.163 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

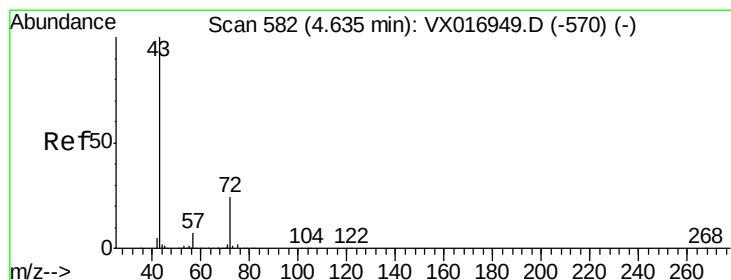
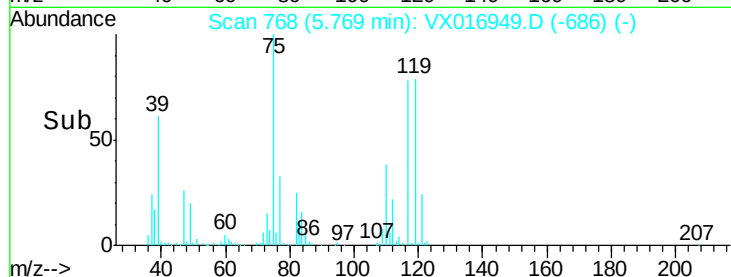
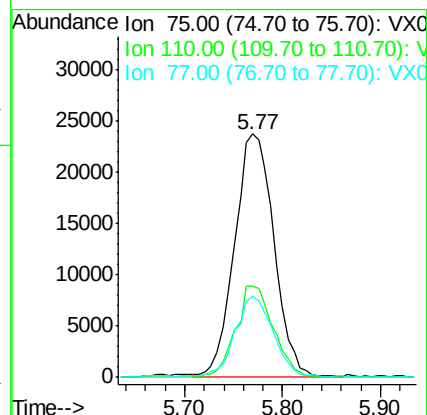
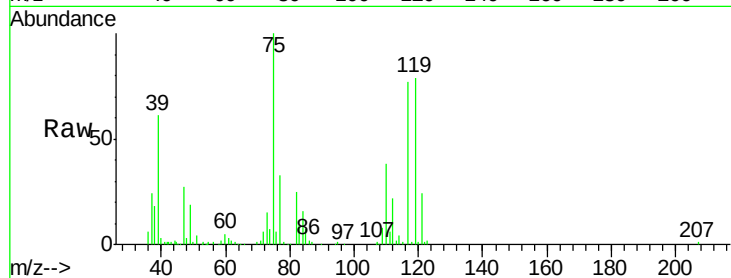
Tgt Ion: 75 Resp: 66462

Ion Ratio Lower Upper

75 100

110 35.8 0.0 71.6

77 32.0 0.0 64.0



#30

2-Butanone

Concen: 98.729 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

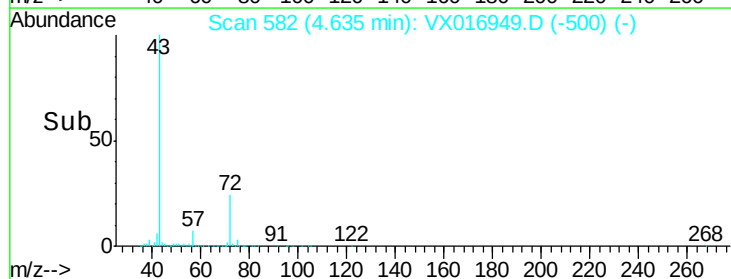
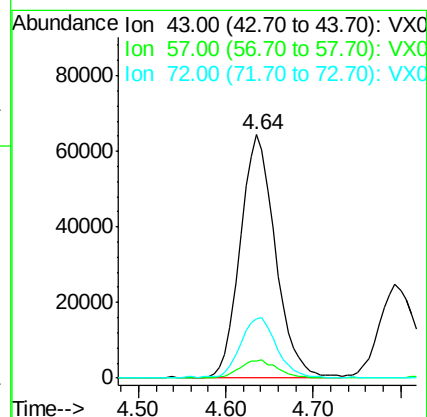
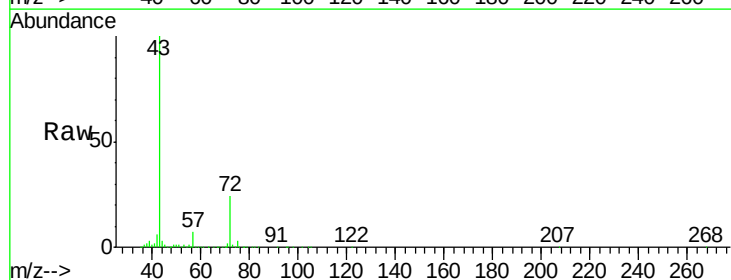
Tgt Ion: 43 Resp: 178477

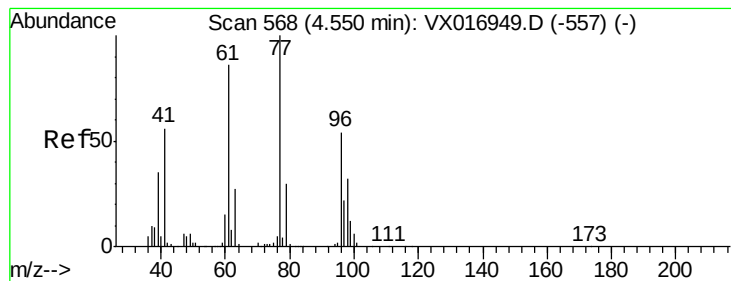
Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.4

72 25.8 20.6 31.0





#31

2,2-Dichloropropane

Concen: 19.552 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampled :

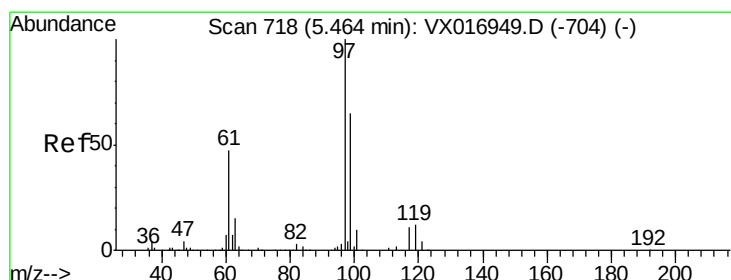
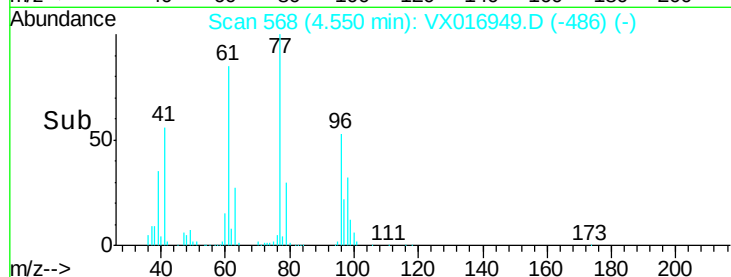
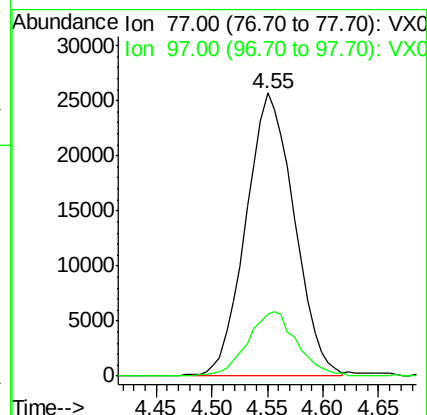
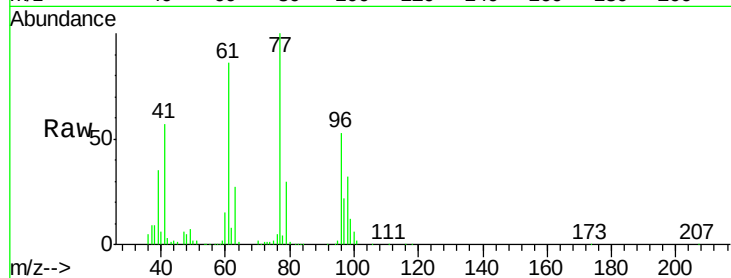
VSTDICCC020

Tgt Ion: 77 Resp: 77768

Ion Ratio Lower Upper

77 100

97 23.1 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 19.289 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

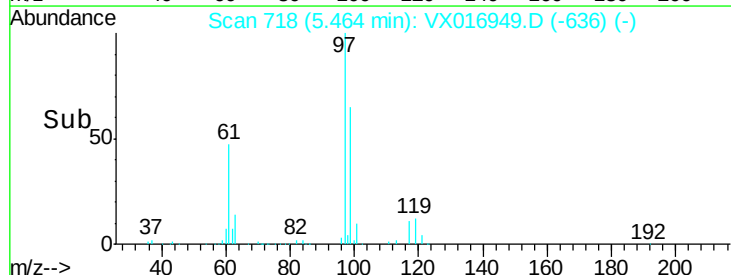
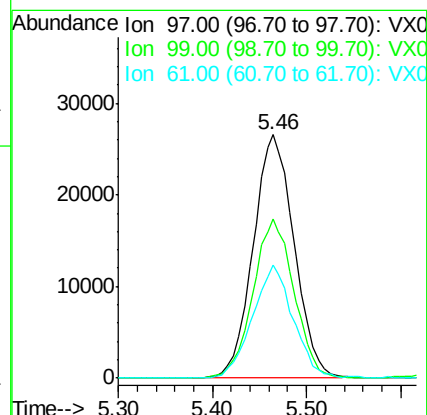
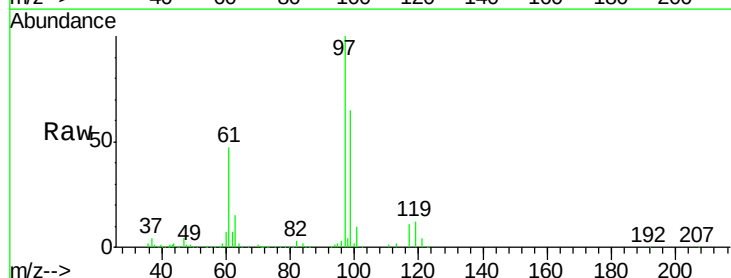
Tgt Ion: 97 Resp: 80947

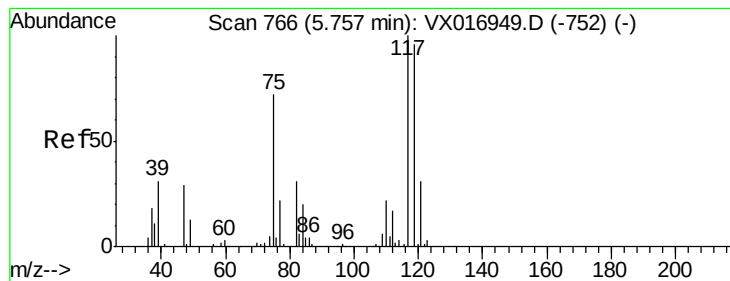
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 46.1 36.9 55.3





#33

Carbon Tetrachloride

Concen: 19.301 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

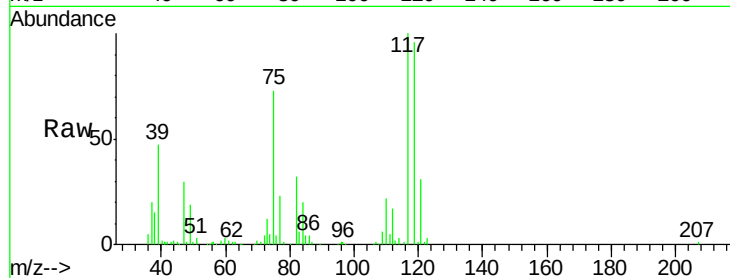
Tgt Ion:117 Resp: 71830

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

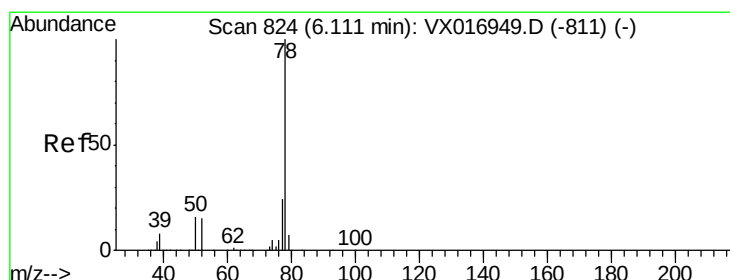
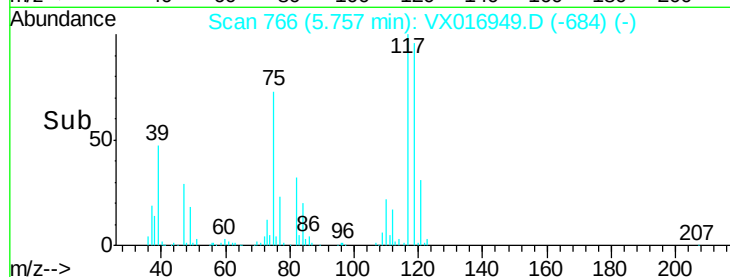
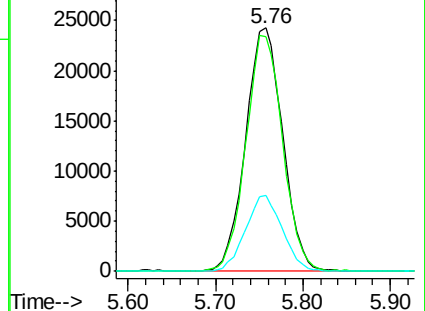
121 31.2 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.487 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

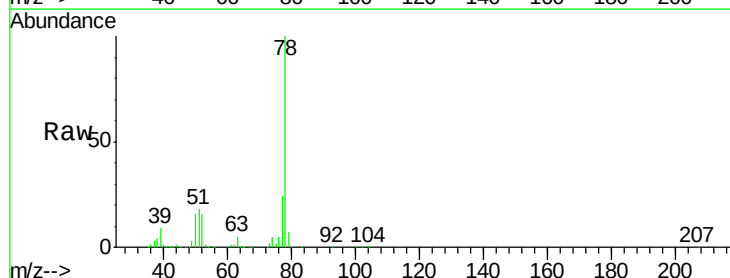
Tgt Ion: 78 Resp: 196786

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

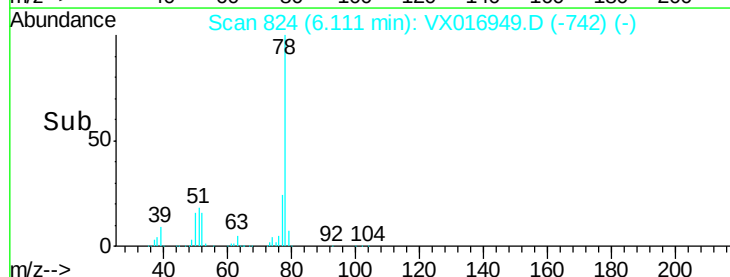
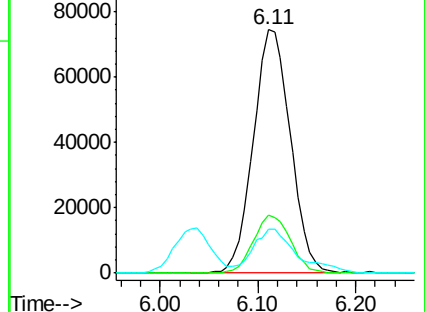
51 16.0 12.8 19.2

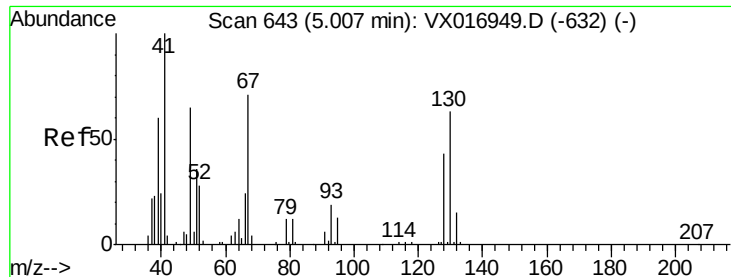


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

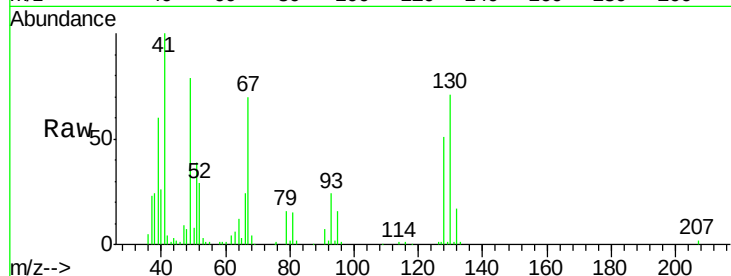




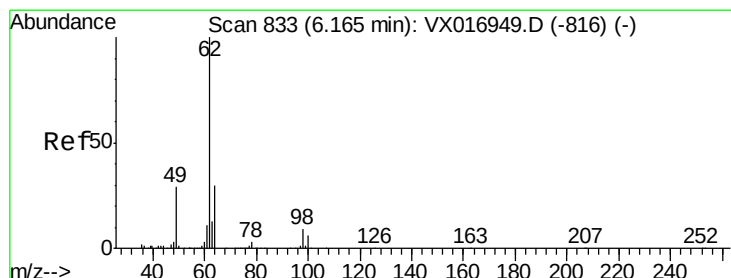
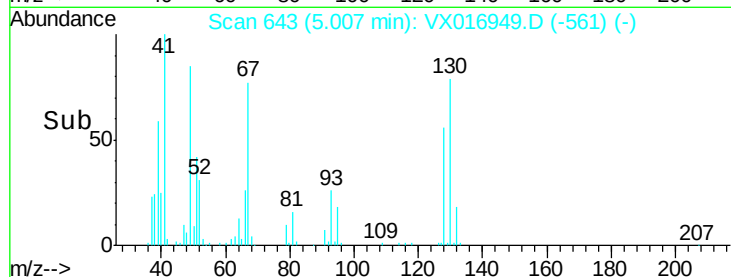
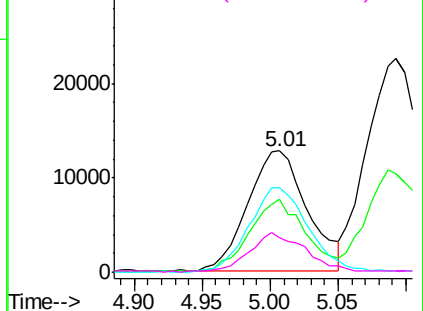
#35
Methacrylonitrile
Concen: 19.578 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	39060
Ion	Ratio	Lower	Upper
41	100		
39	59.7	29.8	89.5
67	70.6	35.3	105.9
52	28.2	14.1	42.3

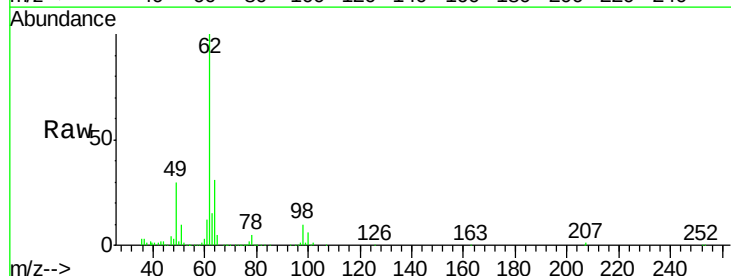


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

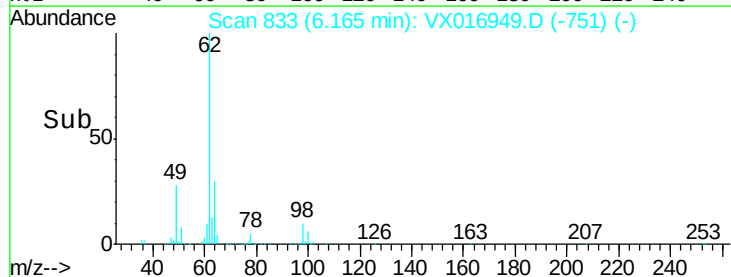
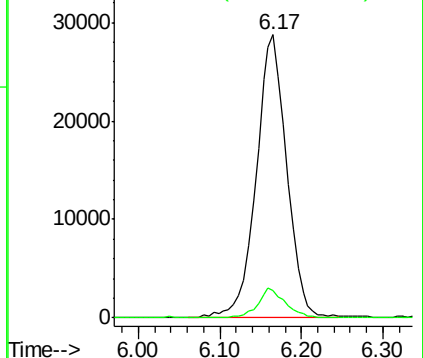


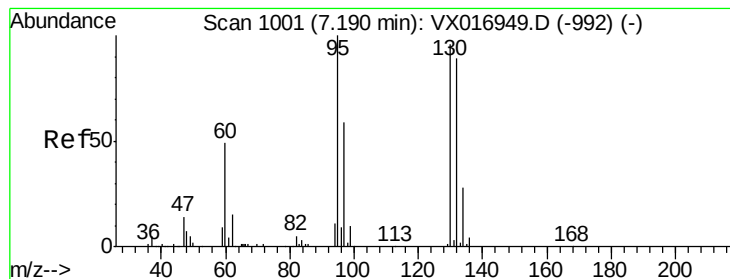
#36
1,2-Dichloroethane
Concen: 19.362 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion:	62	Resp:	74884
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.609 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

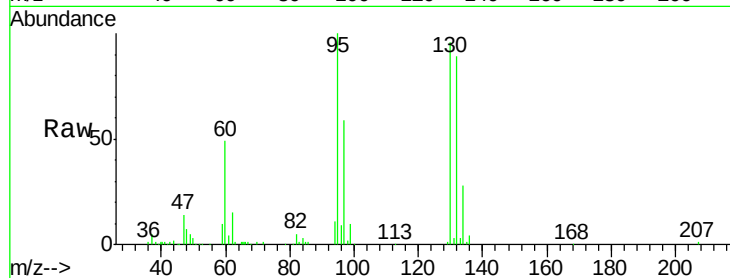
VSTDICCC020

Tgt Ion:130 Resp: 54033

Ion Ratio Lower Upper

130 100

95 103.9 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

30000

25000

20000

15000

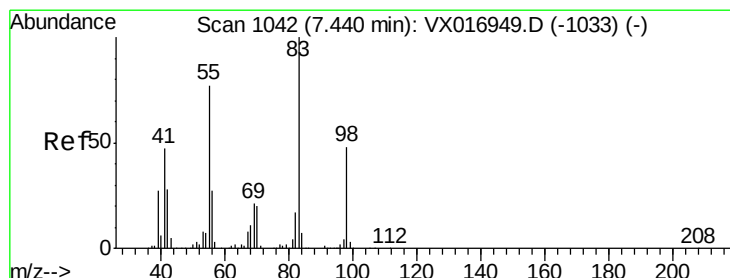
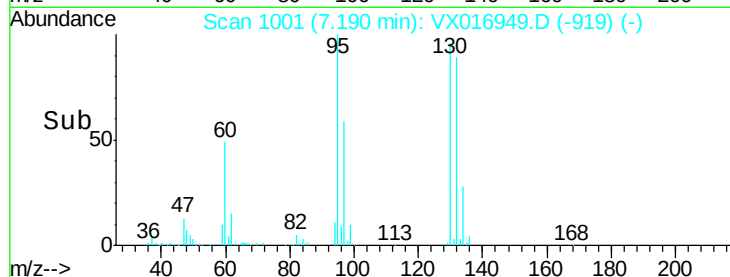
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 18.750 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

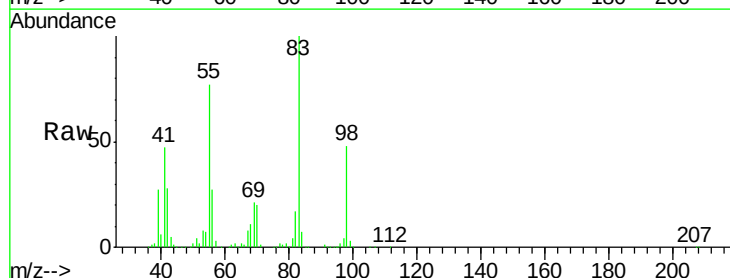
Tgt Ion: 83 Resp: 74054

Ion Ratio Lower Upper

83 100

55 76.3 38.1 114.5

98 49.1 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

40000

30000

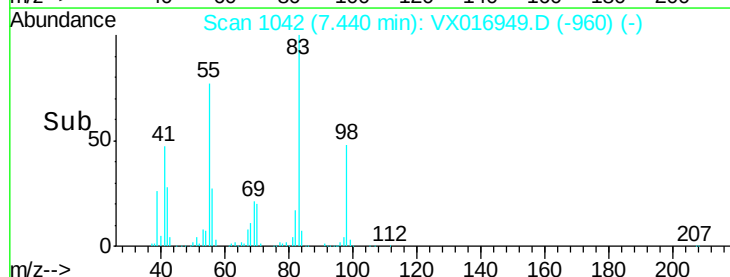
20000

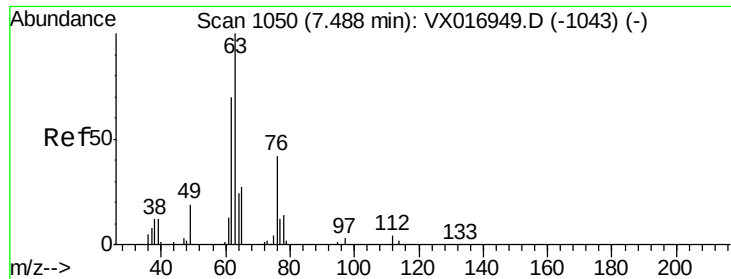
10000

0

Time-->

7.35 7.40 7.45 7.50 7.55





#39

1,2-Dichloropropane

Concen: 19.152 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

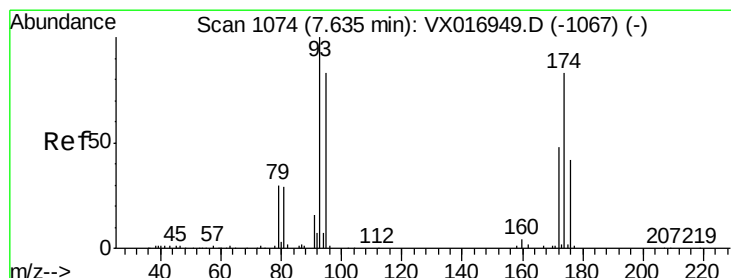
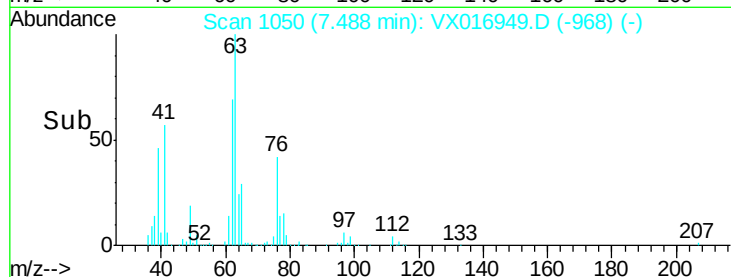
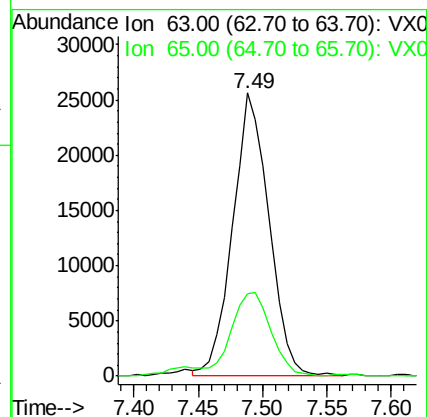
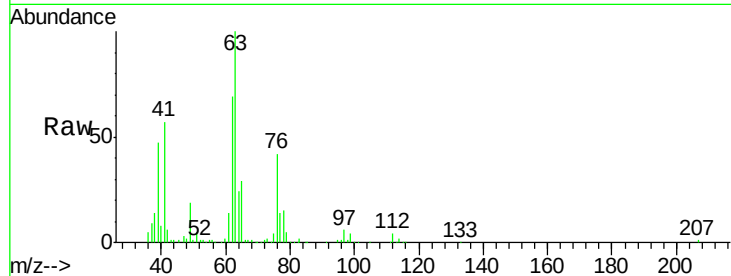
VSTDICCC020

Tgt Ion: 63 Resp: 50387

Ion Ratio Lower Upper

63 100

65 28.5 22.8 34.2



#40

Dibromomethane

Concen: 19.374 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

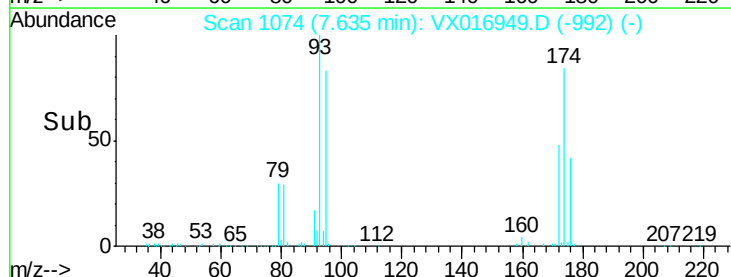
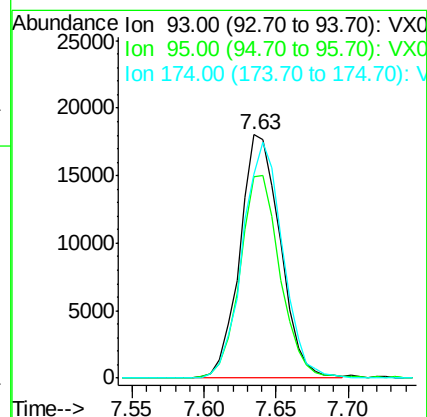
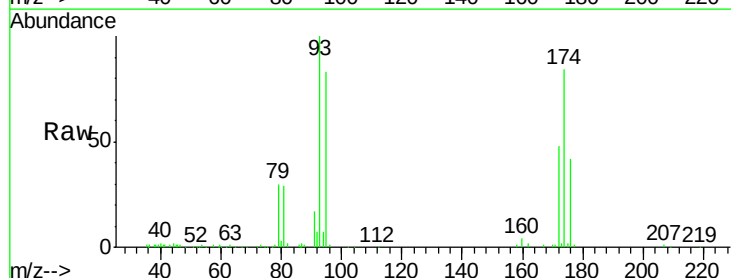
Tgt Ion: 93 Resp: 35130

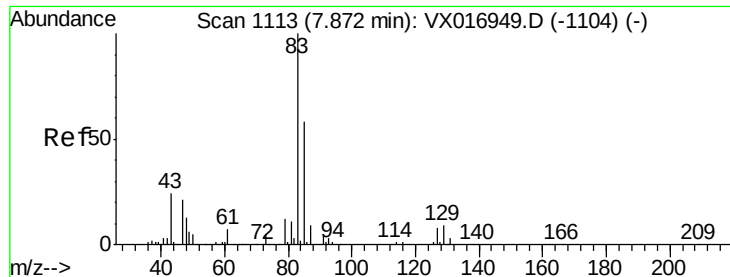
Ion Ratio Lower Upper

93 100

95 82.7 0.0 165.4

174 96.0 0.0 192.0





#41

Bromodichloromethane

Concen: 19.510 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

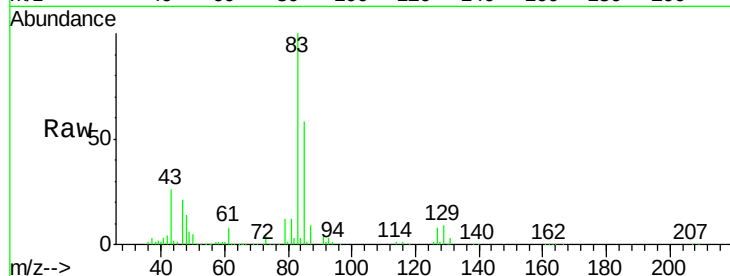
Tgt Ion: 83 Resp: 73255

Ion Ratio Lower Upper

83 100

85 58.4 46.7 70.1

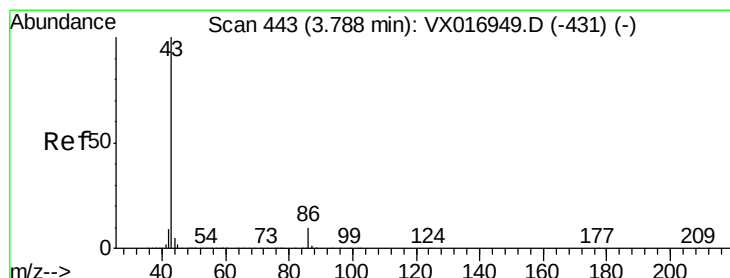
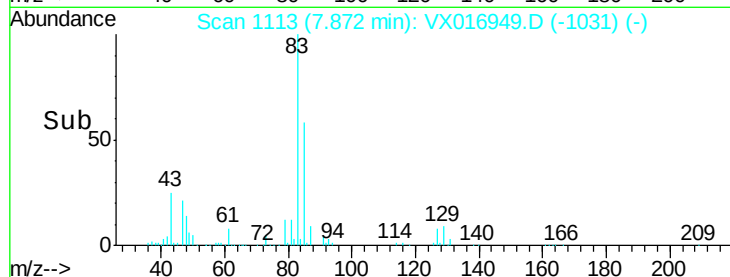
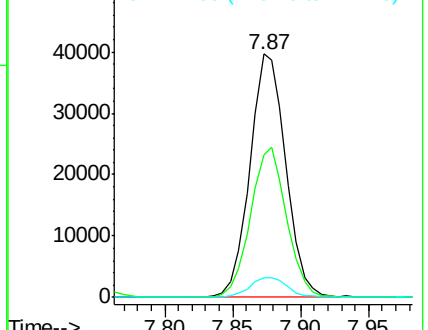
127 8.1 6.5 9.7



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: 96.983 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016949.D

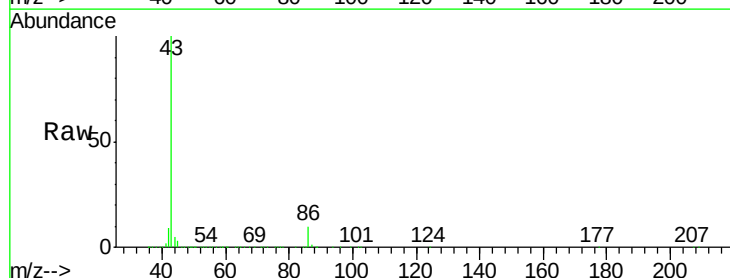
Acq: 25 Jun 2020 13:01

Tgt Ion: 43 Resp: 706512

Ion Ratio Lower Upper

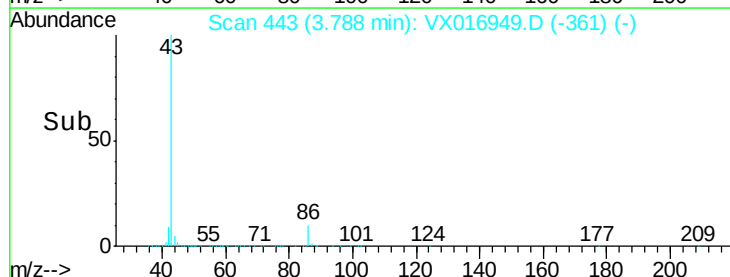
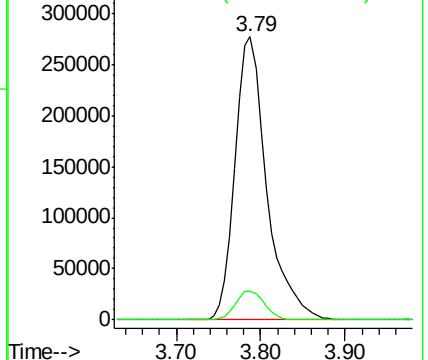
43 100

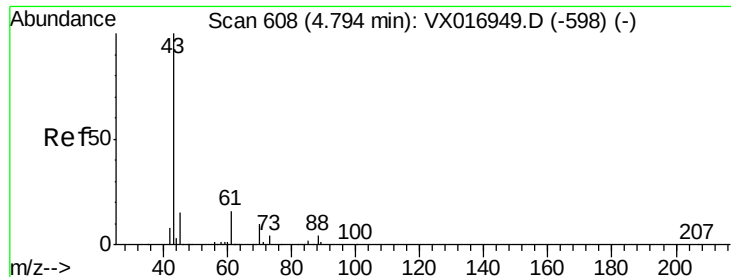
86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

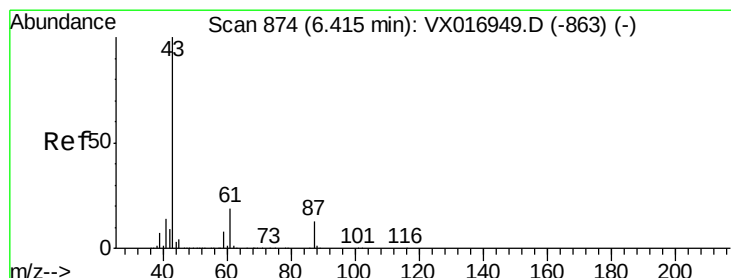
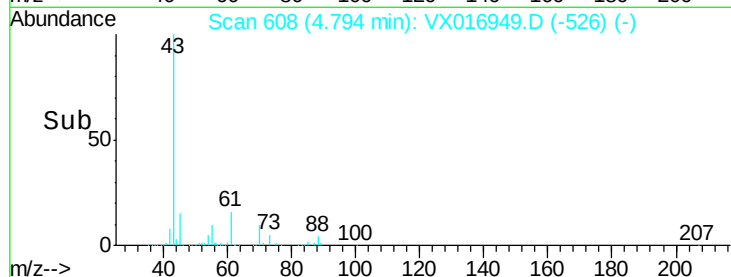
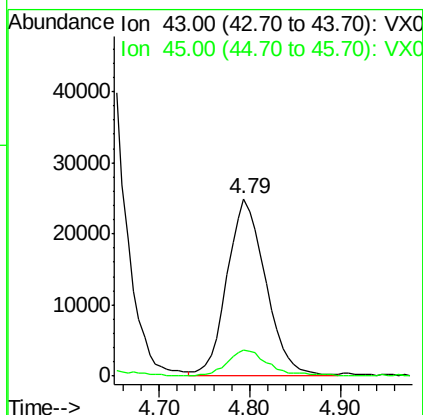
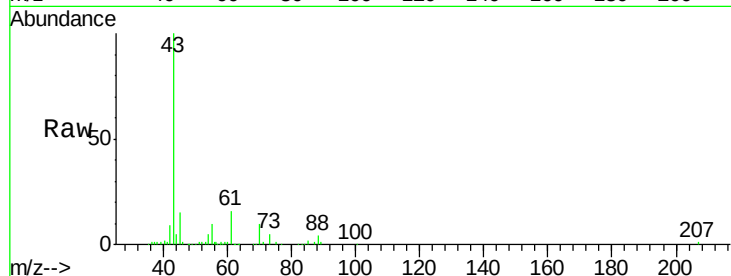




#43
Ethyl Acetate
Concen: 19.604 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

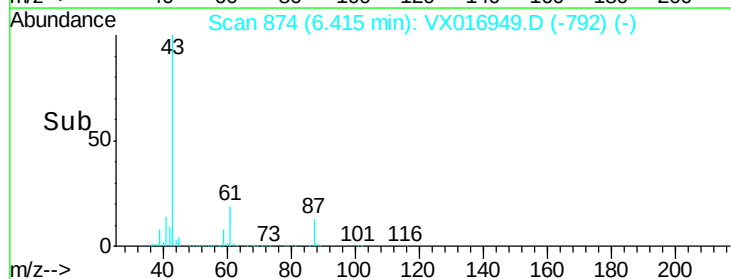
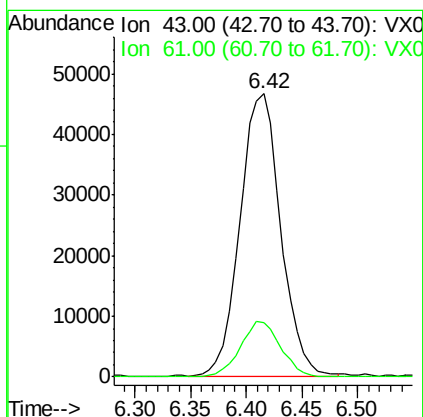
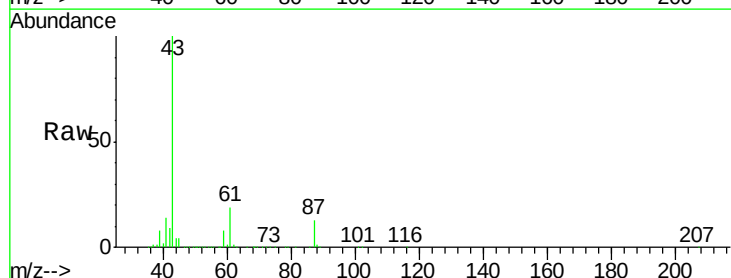
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

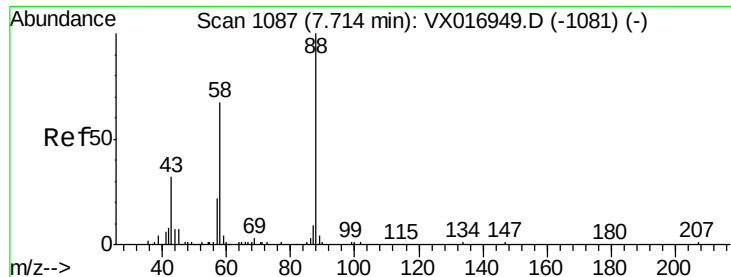
Tgt Ion: 43 Resp: 73220
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.6



#44
Isopropyl Acetate
Concen: 19.175 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 43 Resp: 118348
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2





#45

1,4-Dioxane

Concen: 398.234 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

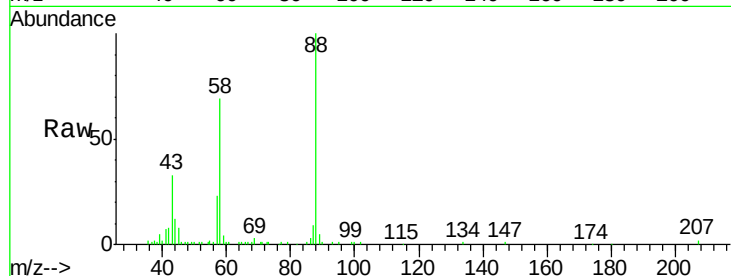
Tgt Ion: 88 Resp: 24797

Ion Ratio Lower Upper

88 100

43 36.1 28.9 43.3

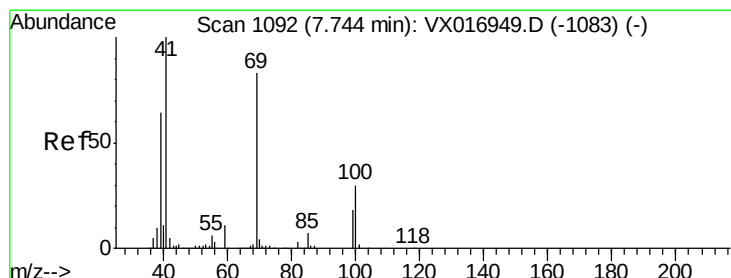
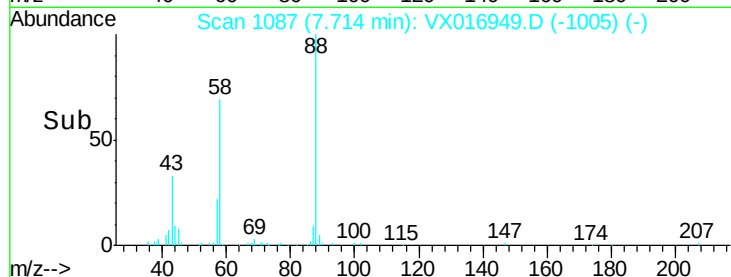
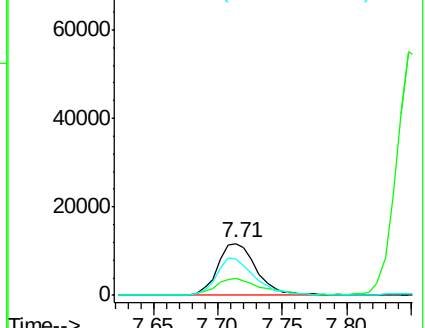
58 70.9 56.7 85.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.298 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

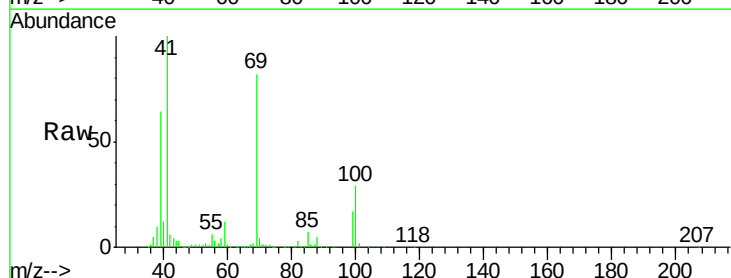
Tgt Ion: 41 Resp: 55122

Ion Ratio Lower Upper

41 100

69 82.6 41.3 123.9

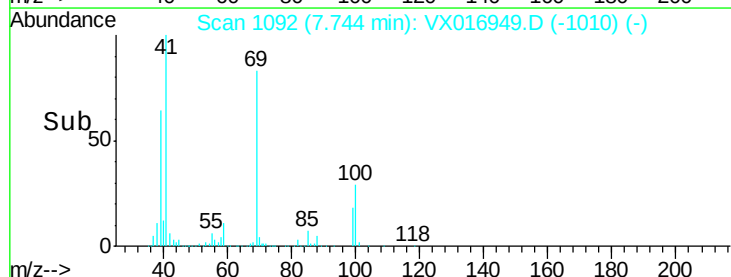
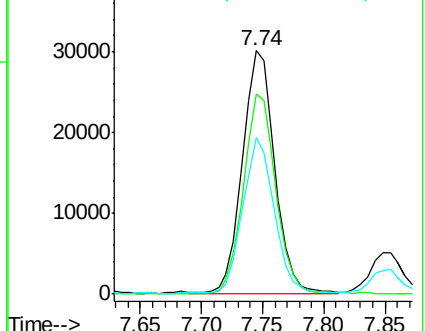
39 64.1 32.0 96.2

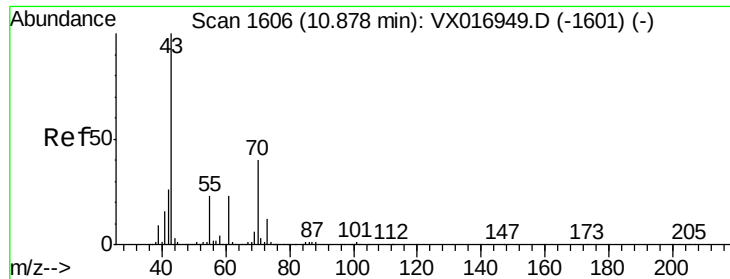


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

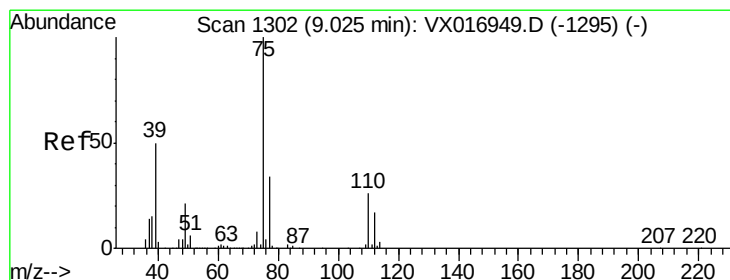
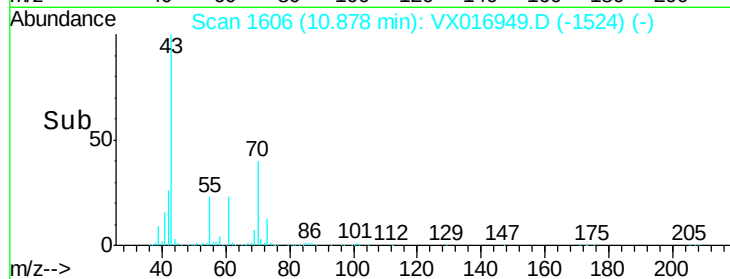
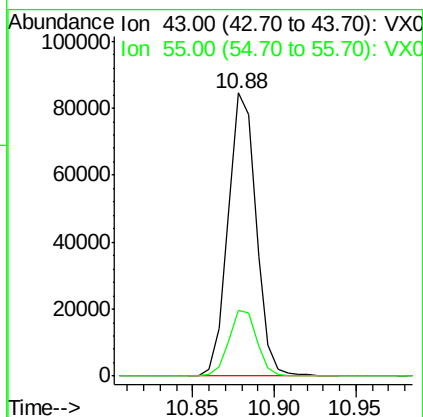
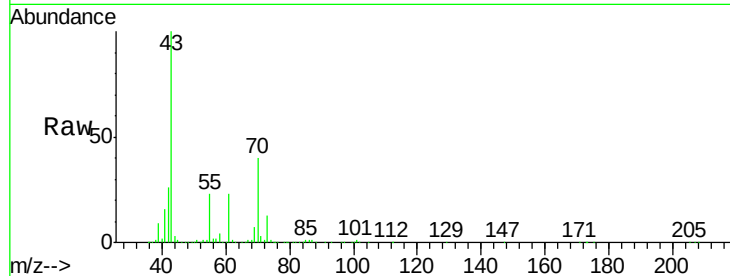




#47
n-amyI Acetate
Concen: 18.402 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

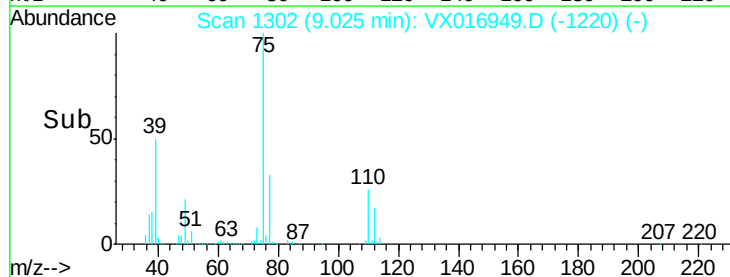
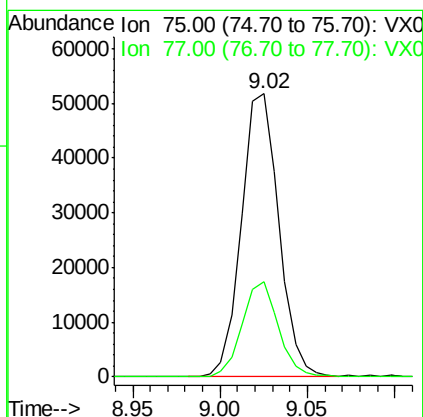
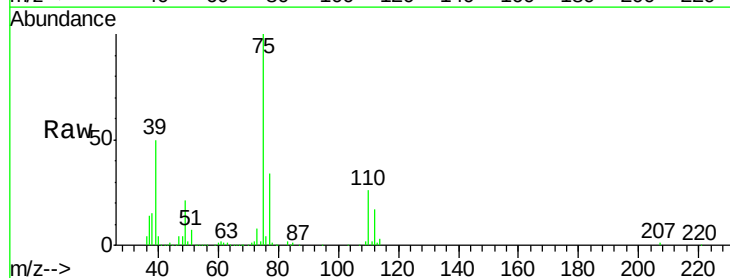
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

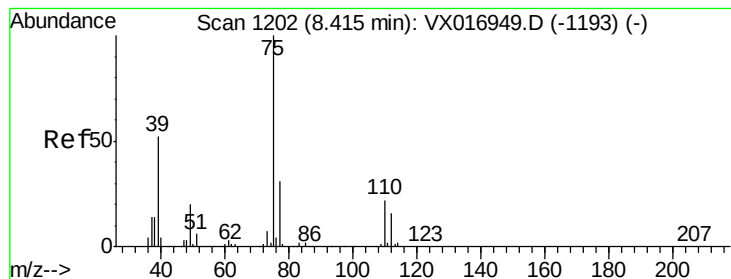
Tgt Ion: 43 Resp: 100394
Ion Ratio Lower Upper
43 100
55 23.2 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 18.562 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 75 Resp: 77060
Ion Ratio Lower Upper
75 100
77 33.7 27.0 40.4





#49

cis-1,3-Dichloropropene

Concen: 19.323 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

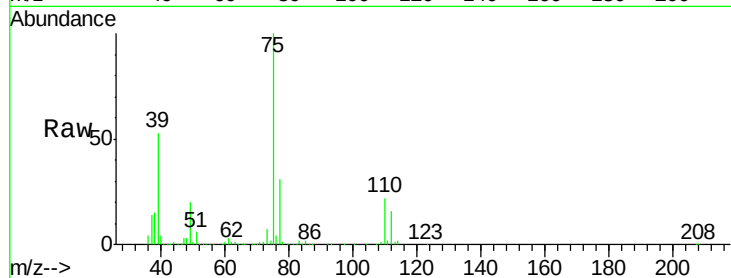
Tgt Ion: 75 Resp: 84306

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

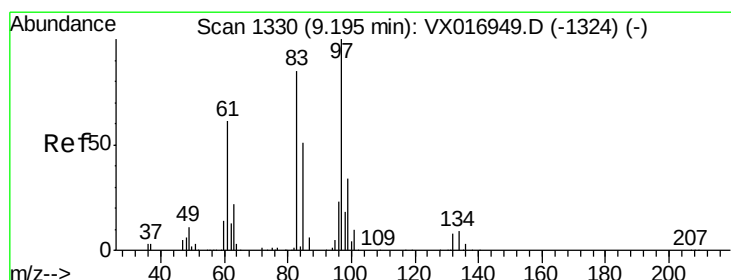
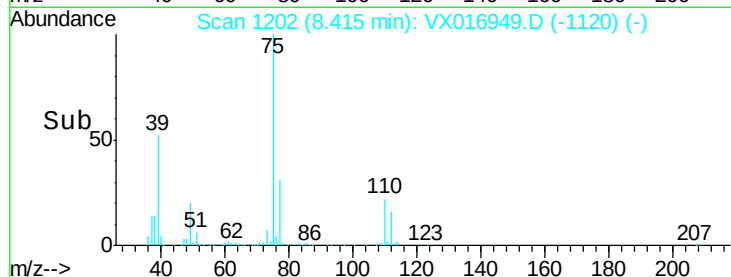
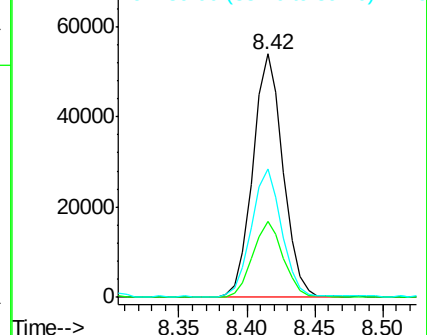
39 52.2 41.8 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 19.072 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion: 97 Resp: 48263

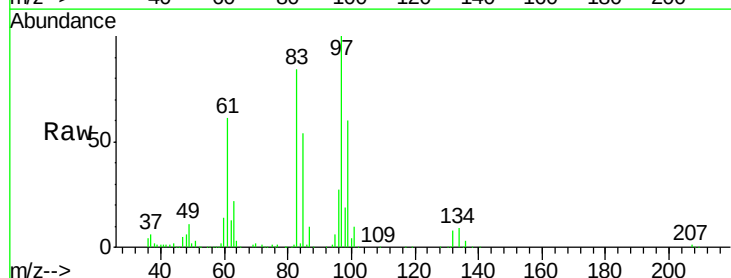
Ion Ratio Lower Upper

97 100

83 84.2 67.4 101.0

85 53.6 42.9 64.3

99 59.7 47.8 71.6

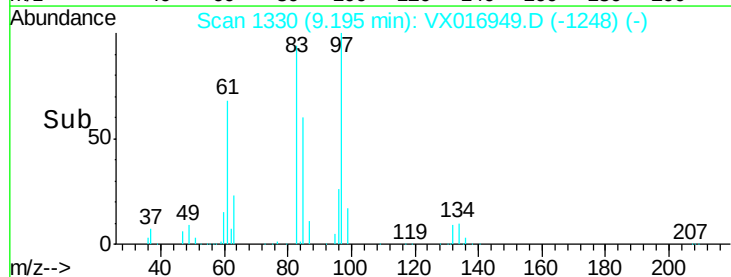
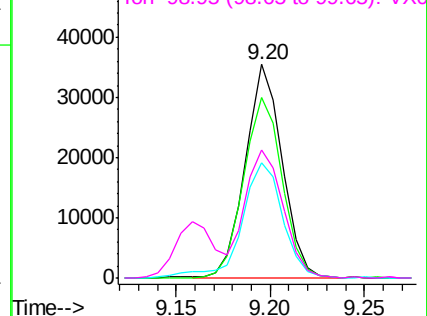


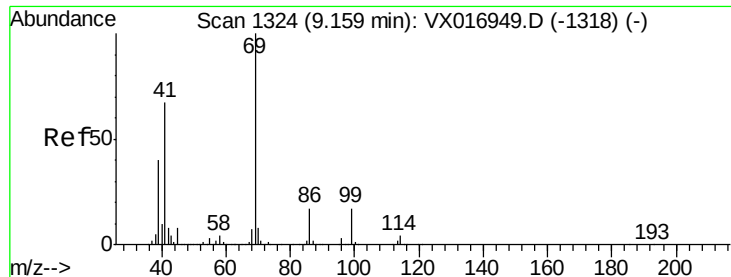
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.944 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

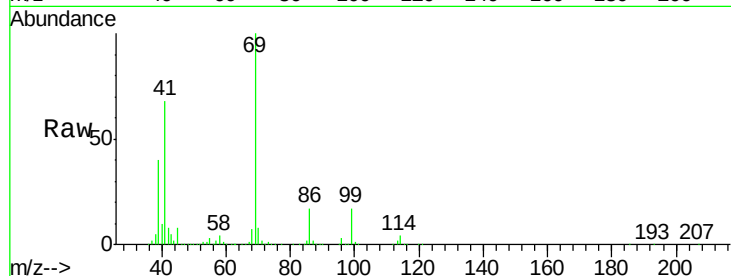
Tgt Ion: 69 Resp: 73573

Ion Ratio Lower Upper

69 100

41 67.4 33.7 101.1

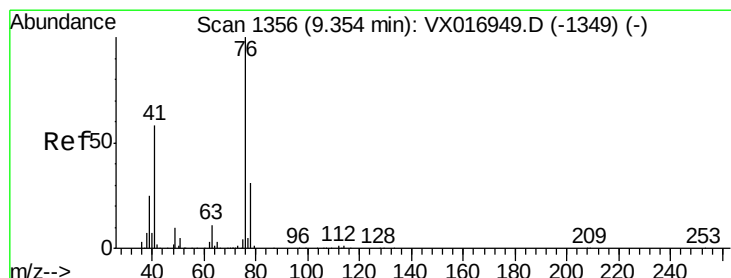
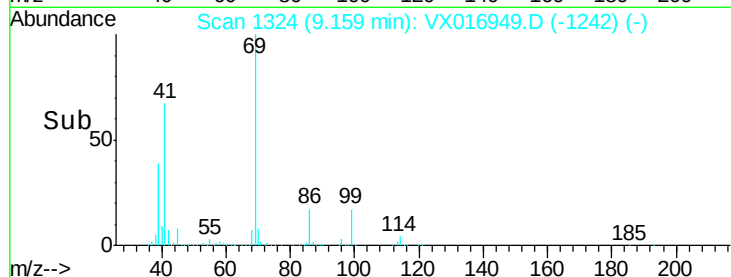
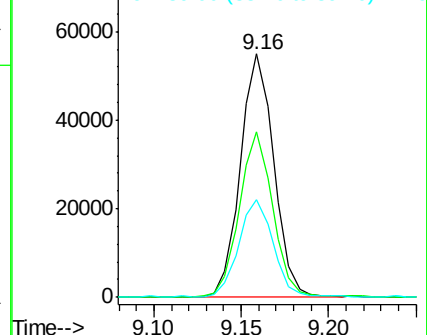
39 39.8 19.9 59.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.934 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016949.D

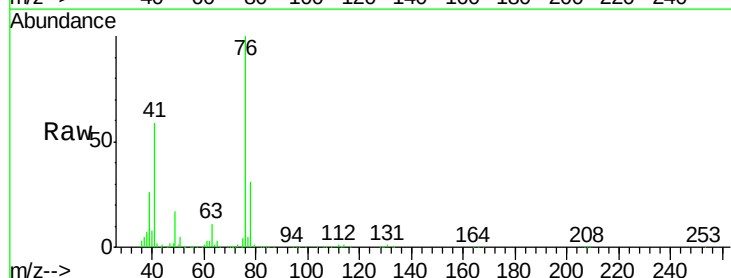
Acq: 25 Jun 2020 13:01

Tgt Ion: 76 Resp: 86605

Ion Ratio Lower Upper

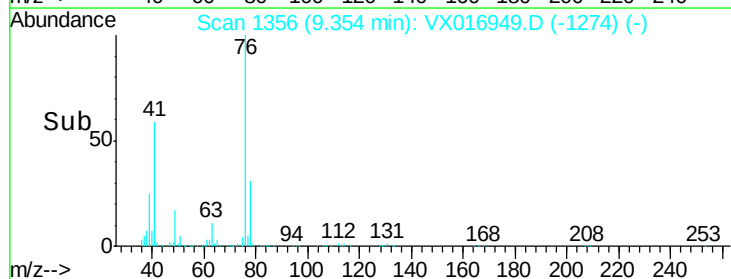
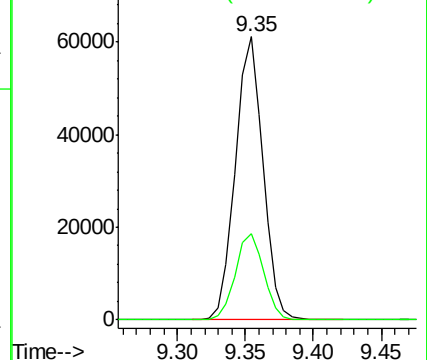
76 100

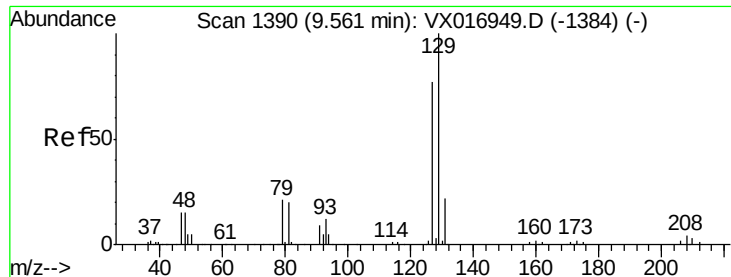
78 31.2 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.844 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

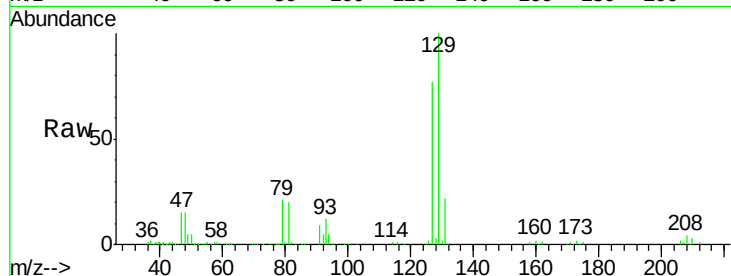
VSTDICCC020

Tgt Ion:129 Resp: 54809

Ion Ratio Lower Upper

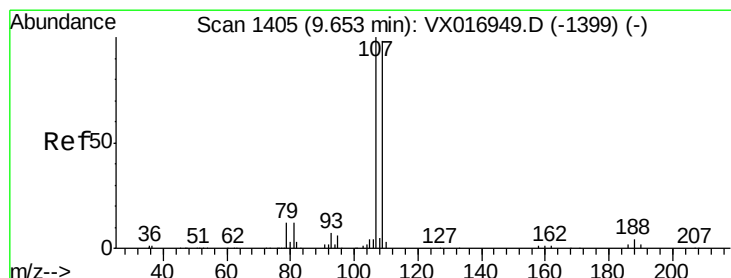
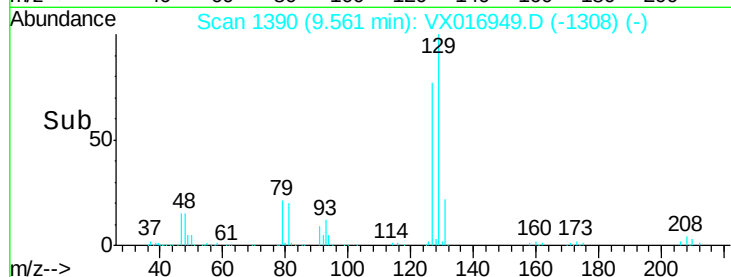
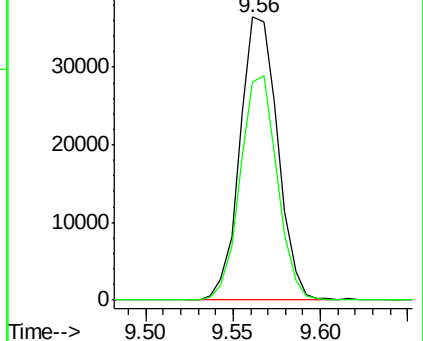
129 100

127 77.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.023 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016949.D

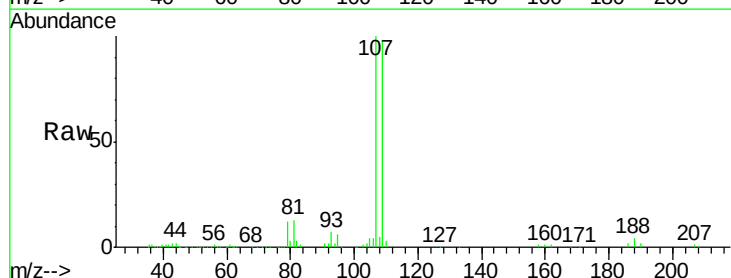
Acq: 25 Jun 2020 13:01

Tgt Ion:107 Resp: 51082

Ion Ratio Lower Upper

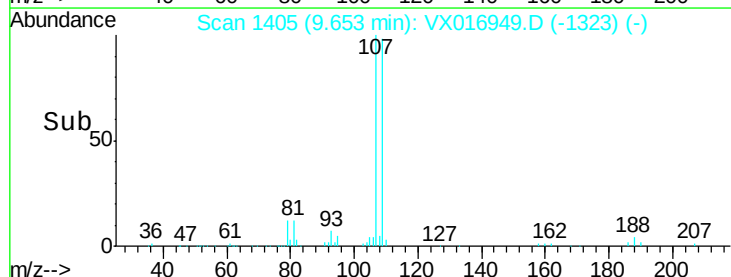
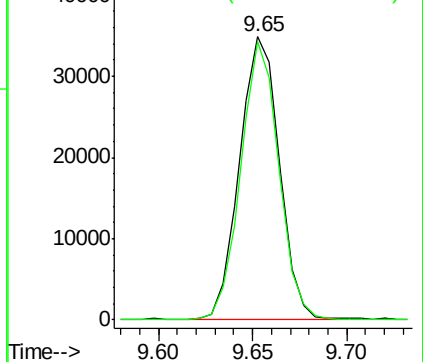
107 100

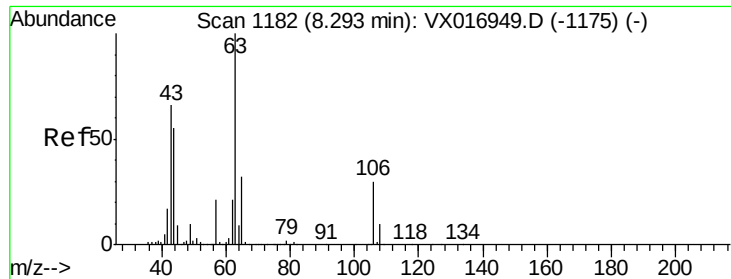
109 93.8 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

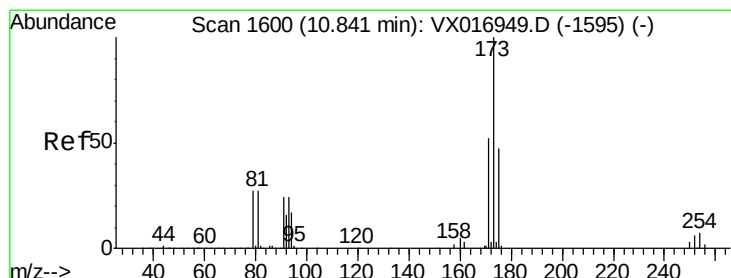
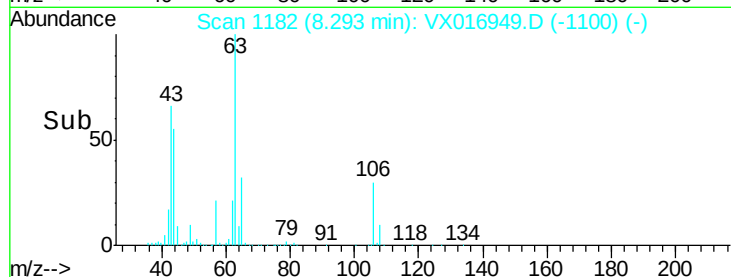
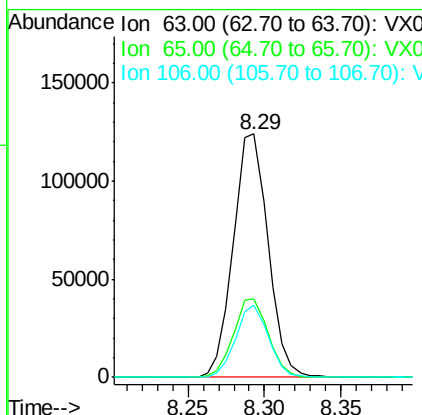
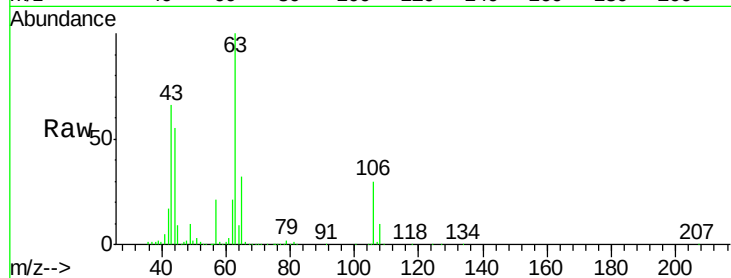




#55
 2-Chloroethyl vinyl ether
 Concen: 96.081 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

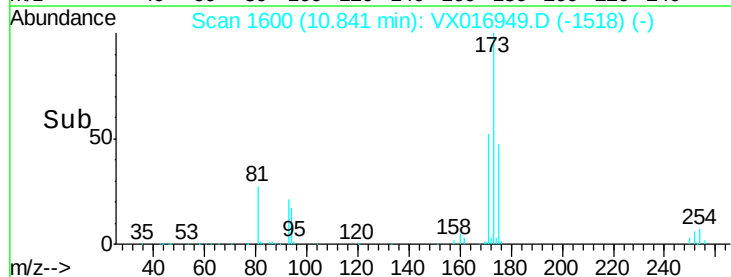
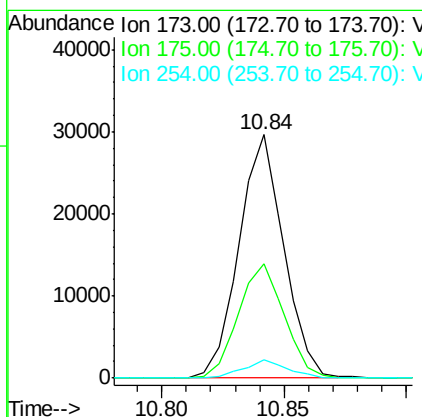
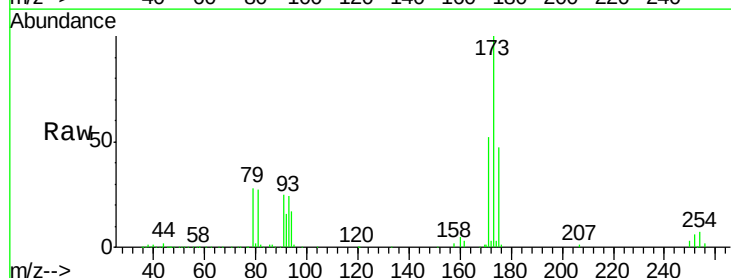
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

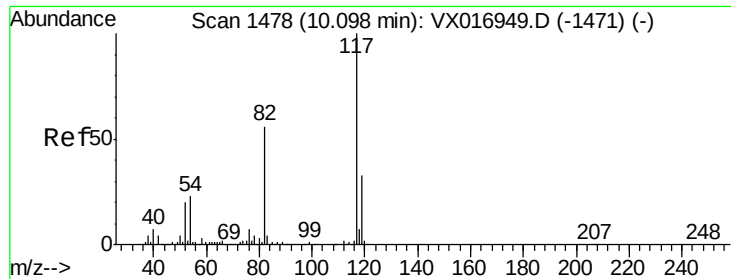
Tgt Ion: 63 Resp: 196361
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.9 38.9
 106 28.2 22.6 33.8



#56
 Bromoform
 Concen: 18.275 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion: 173 Resp: 37732
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.7 58.1
 254 7.2 5.8 8.6

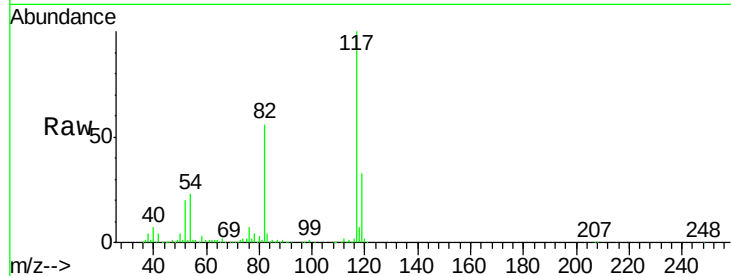




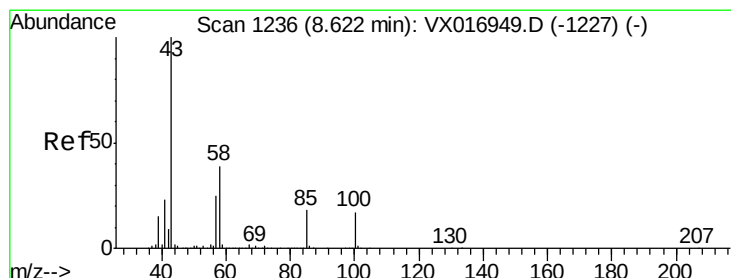
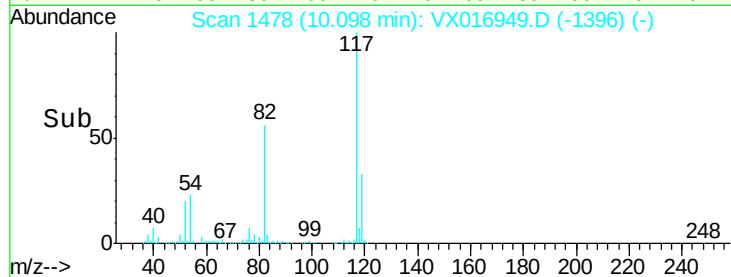
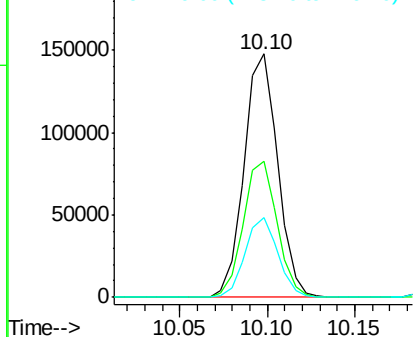
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 197672
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.3 25.8 38.8

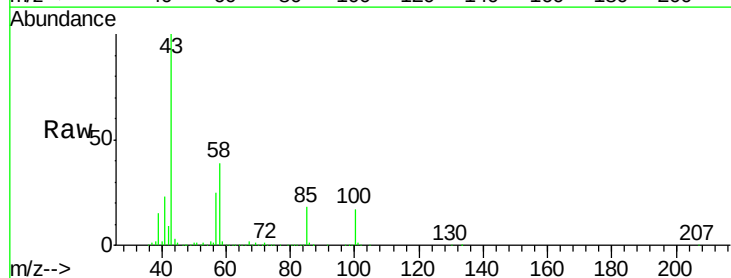


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

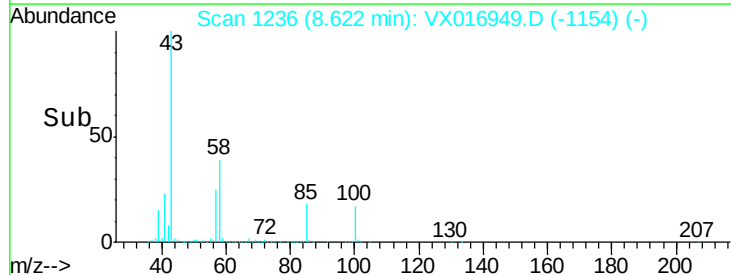
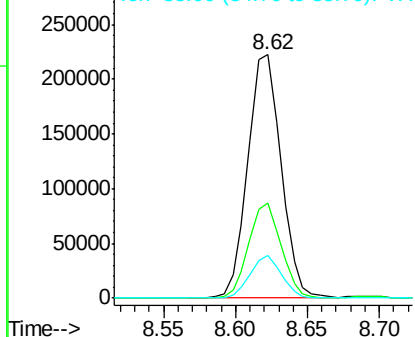


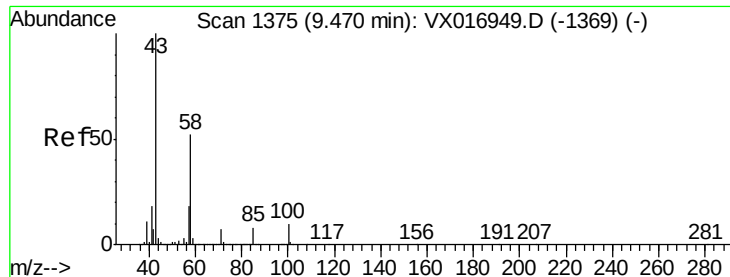
#58
4-Methyl-2-Pentanone
Concen: 97.641 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 43 Resp: 355529
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
85 16.9 13.5 20.3



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

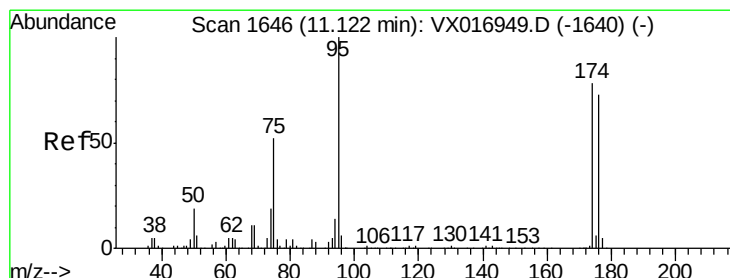
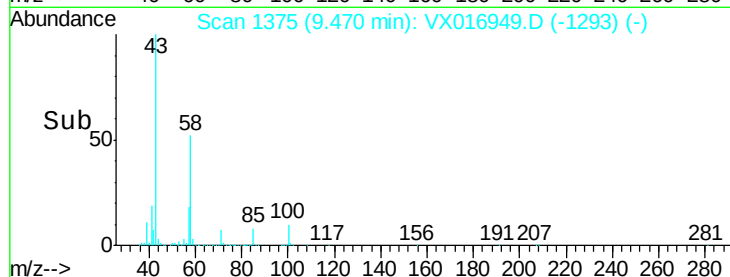
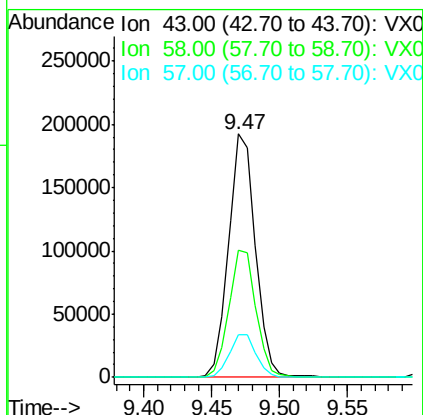
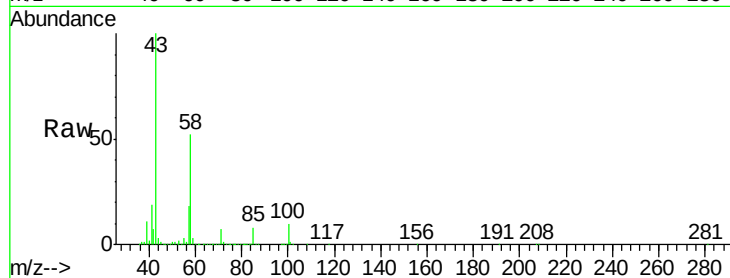




#59
2-Hexanone
Concen: 97.381 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

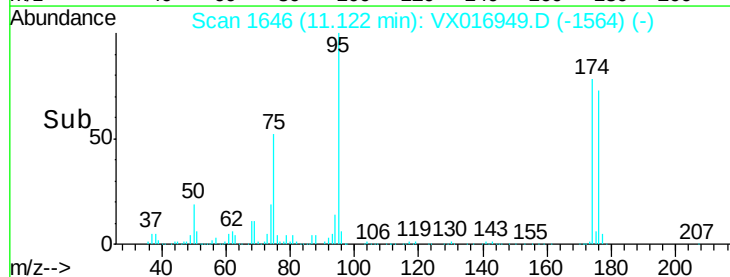
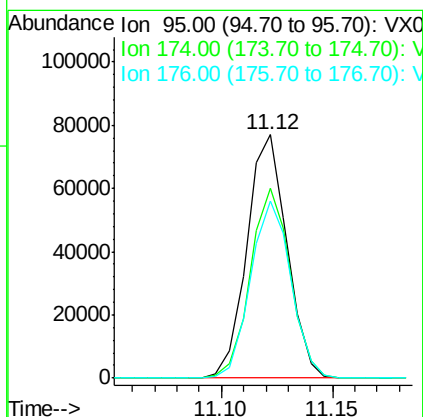
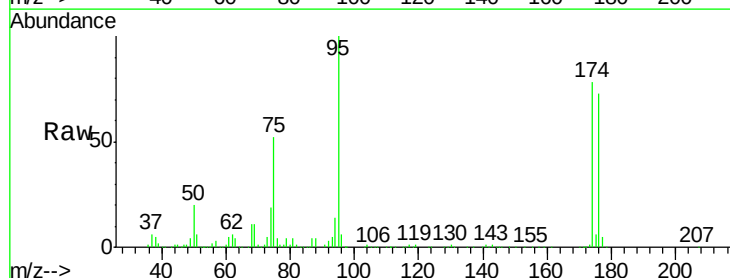
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

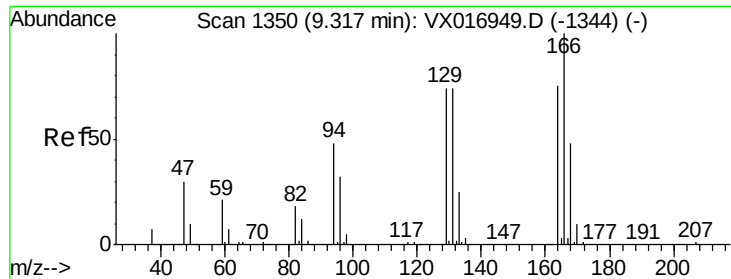
Tgt Ion: 43 Resp: 264628
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 17.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.250 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 95 Resp: 96426
Ion Ratio Lower Upper
95 100
174 77.8 62.2 93.4
176 73.6 58.9 88.3





#61

Tetrachloroethene

Concen: 19.043 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 48006

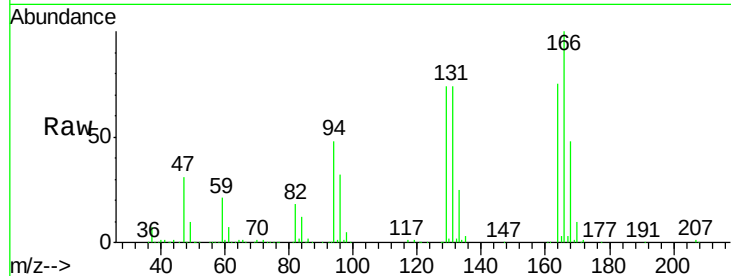
Ion Ratio Lower Upper

164 100

166 132.9 106.3 159.5

129 98.6 78.9 118.3

131 97.8 78.2 117.4

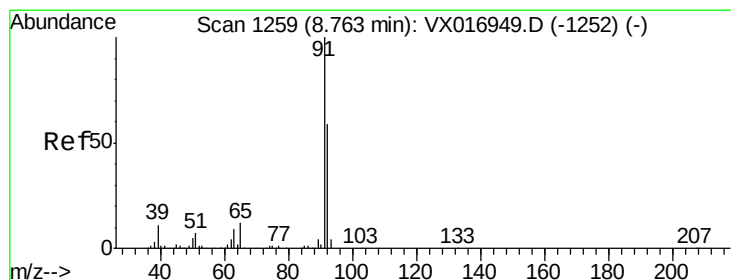
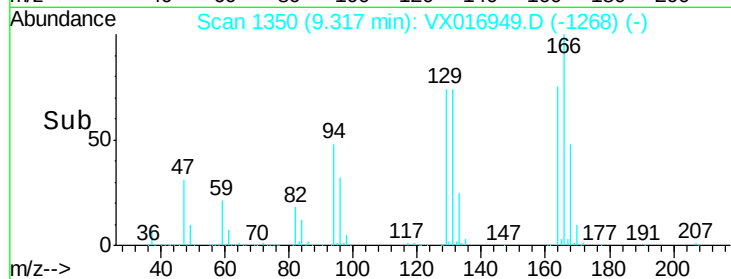
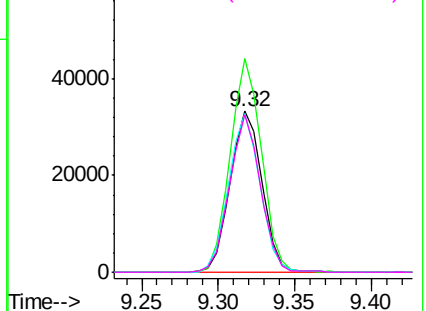


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.396 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016949.D

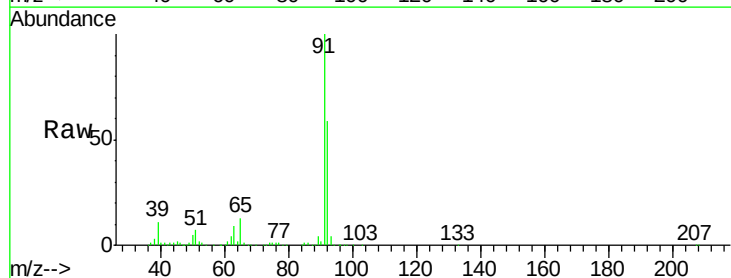
Acq: 25 Jun 2020 13:01

Tgt Ion: 91 Resp: 209706

Ion Ratio Lower Upper

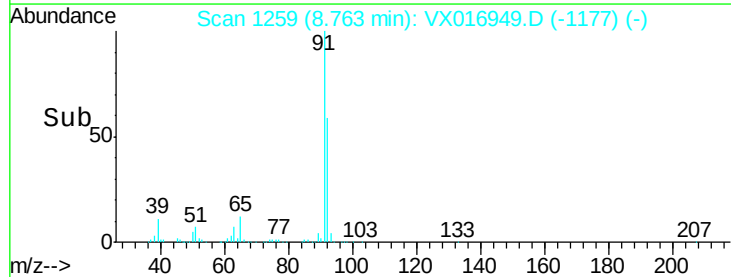
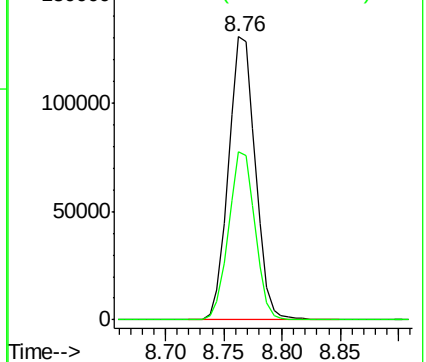
91 100

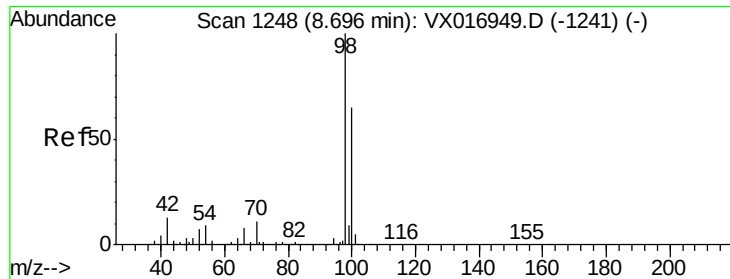
92 58.5 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.097 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

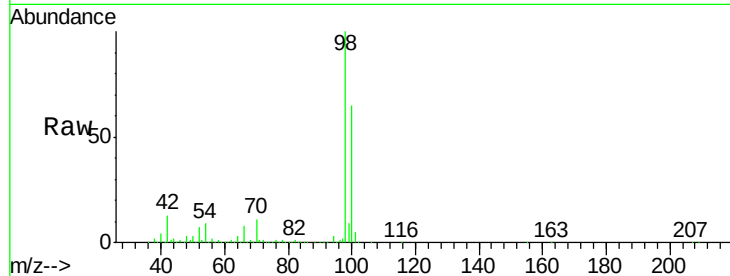
VSTDICCC020

Tgt Ion: 98 Resp: 262246

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX016949.D (-1241) (-)

200000

150000

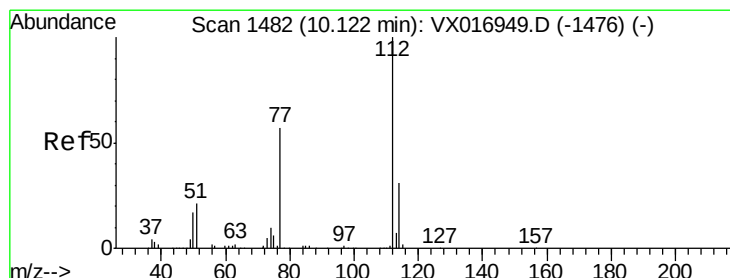
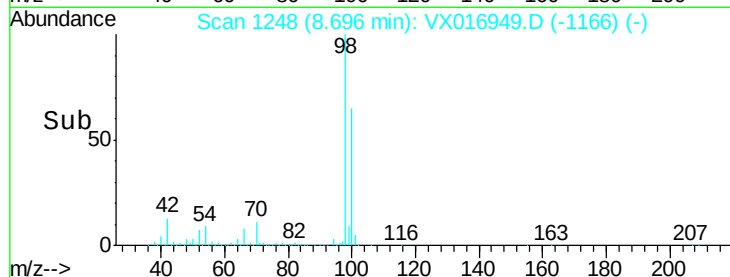
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 18.957 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016949.D

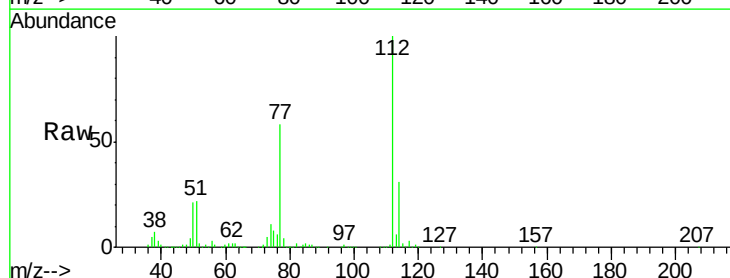
Acq: 25 Jun 2020 13:01

Tgt Ion: 112 Resp: 128402

Ion Ratio Lower Upper

112 100

114 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX016949.D (-1476) (-)

100000

80000

60000

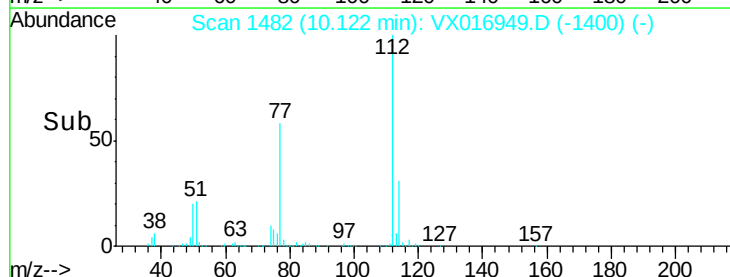
40000

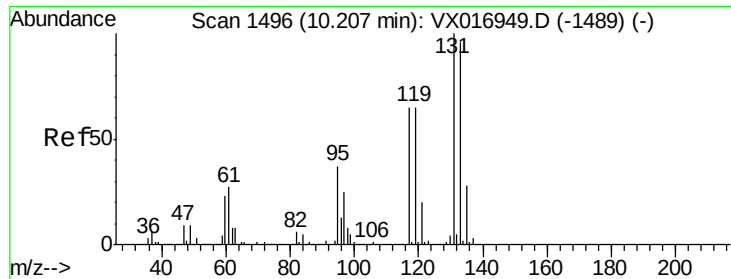
20000

0

10.10 10.12 10.14 10.16 10.18 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.271 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

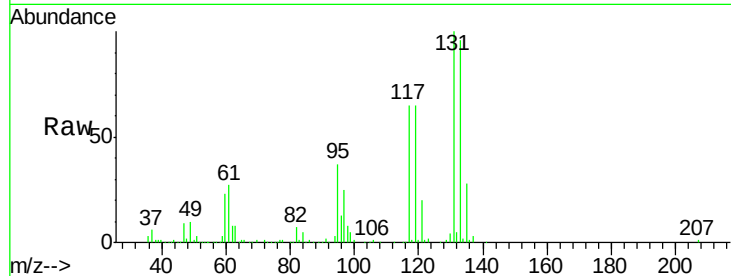
Tgt Ion:131 Resp: 49140

Ion Ratio Lower Upper

131 100

133 95.1 0.0 190.2

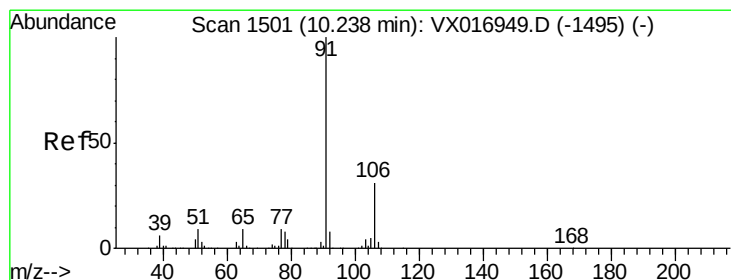
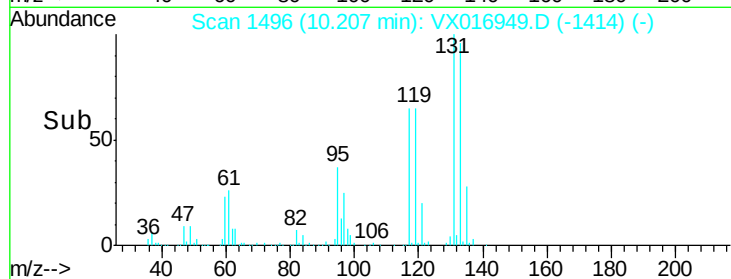
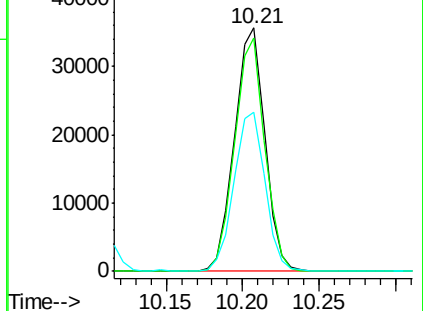
119 66.6 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.080 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016949.D

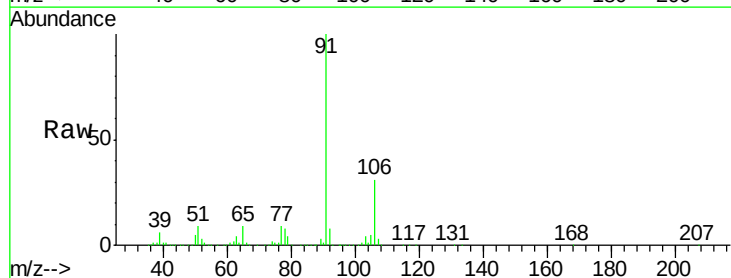
Acq: 25 Jun 2020 13:01

Tgt Ion: 91 Resp: 228759

Ion Ratio Lower Upper

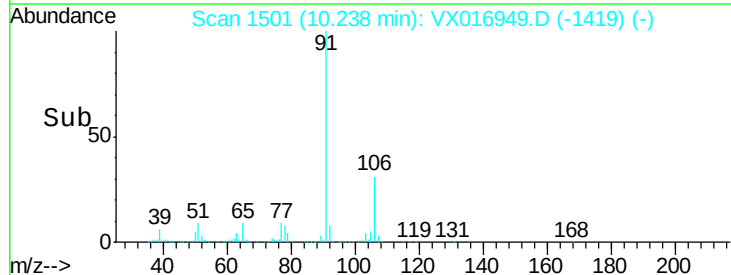
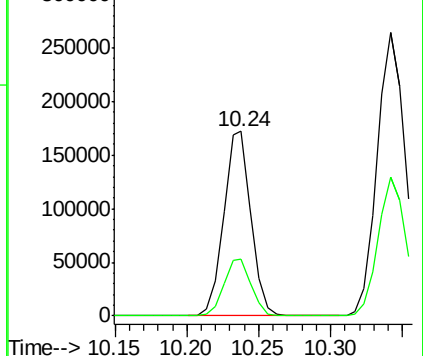
91 100

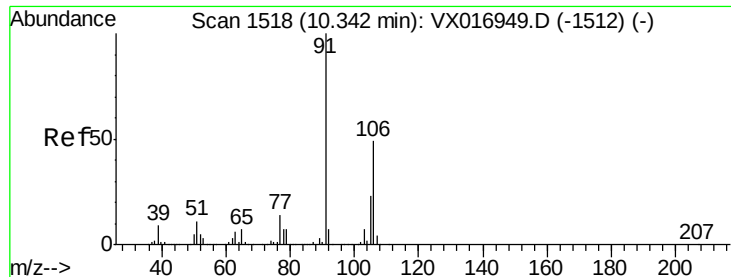
106 31.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

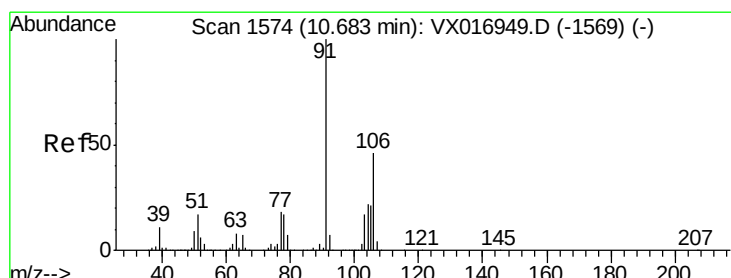
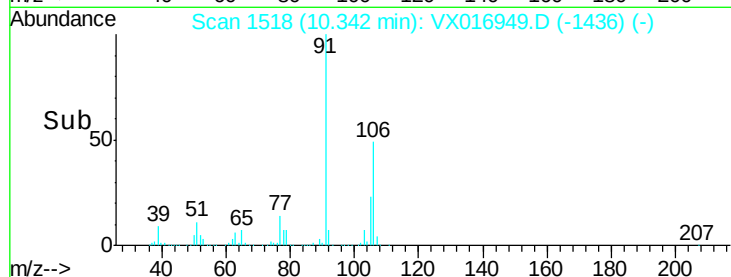
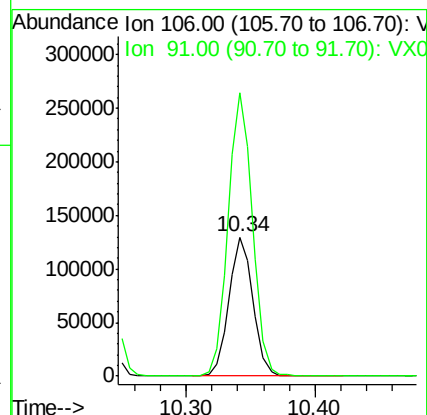
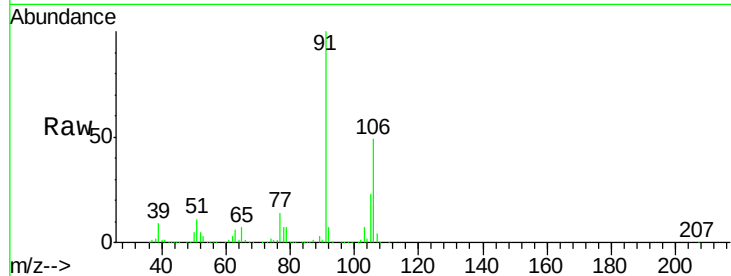




#67
m/p-Xylenes
Concen: 37.809 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

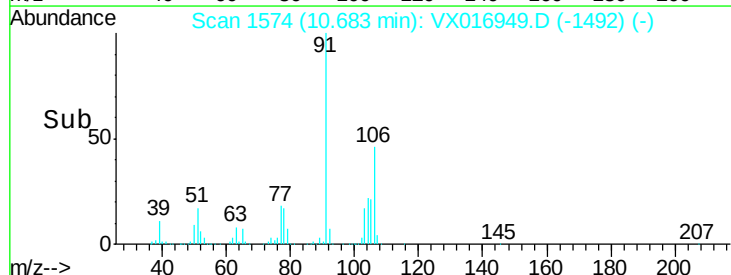
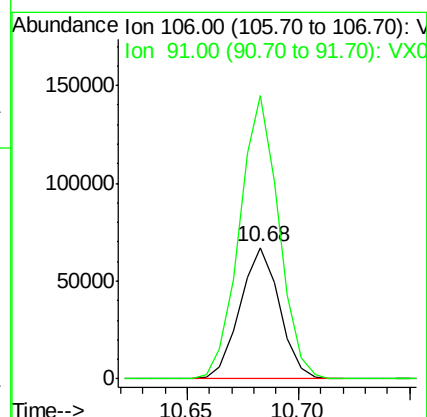
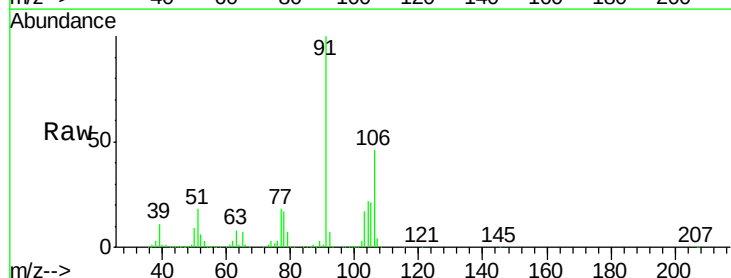
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

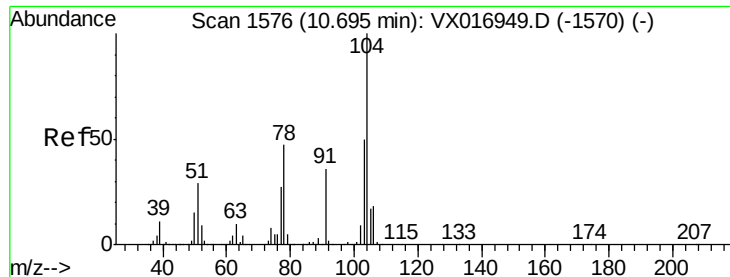
Tgt Ion:106 Resp: 171008
Ion Ratio Lower Upper
106 100
91 205.6 164.5 246.7



#68
o-Xylene
Concen: 19.081 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion:106 Resp: 82901
Ion Ratio Lower Upper
106 100
91 214.6 107.3 321.9





#69

Styrene

Concen: 18.498 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

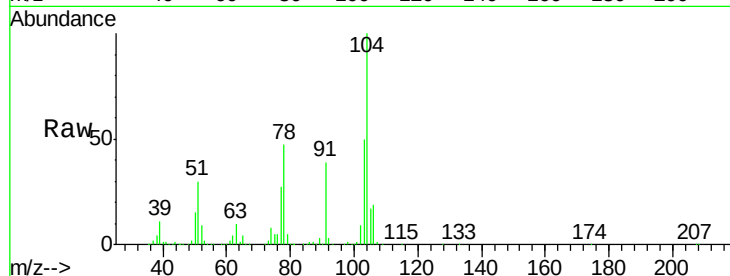
Tgt Ion:104 Resp: 137608

Ion Ratio Lower Upper

104 100

78 53.3 42.6 64.0

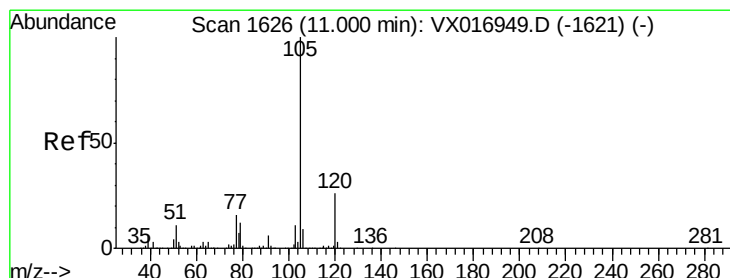
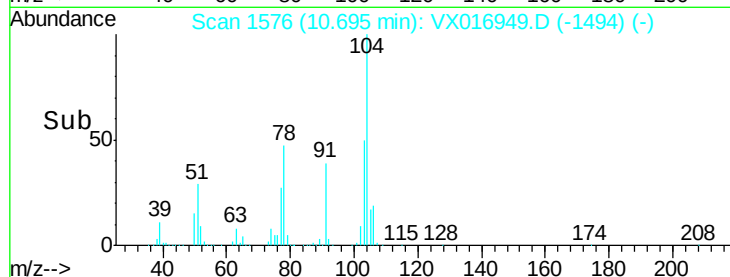
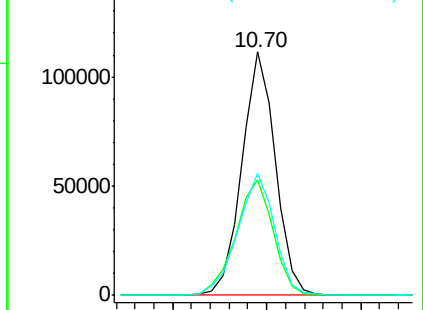
103 55.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.712 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016949.D

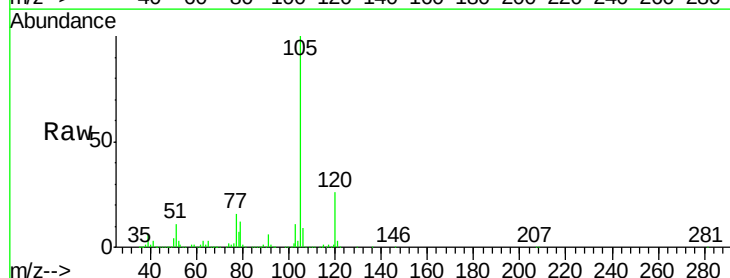
Acq: 25 Jun 2020 13:01

Tgt Ion:105 Resp: 220499

Ion Ratio Lower Upper

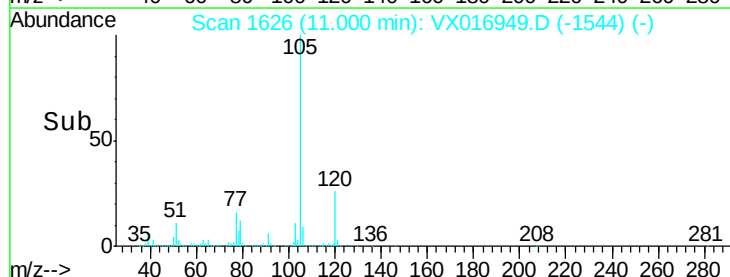
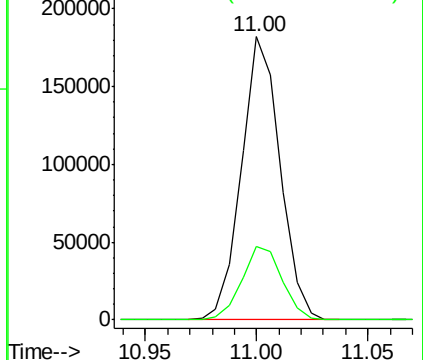
105 100

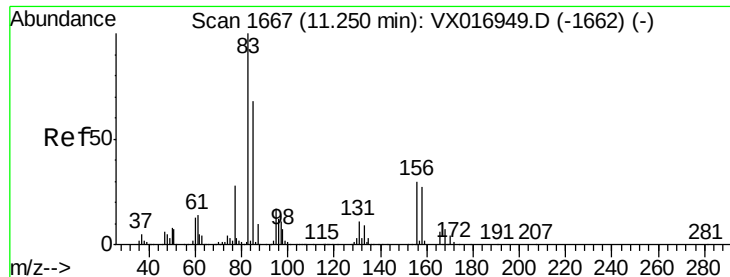
120 27.2 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.825 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

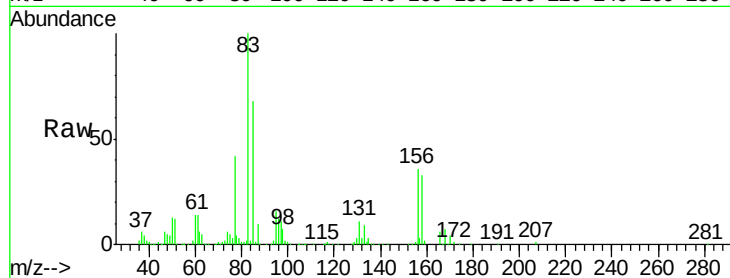
Tgt Ion: 83 Resp: 68128

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

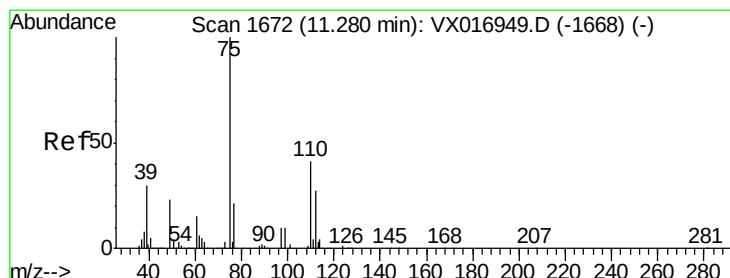
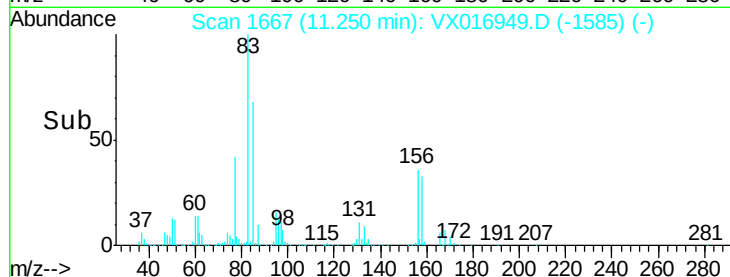
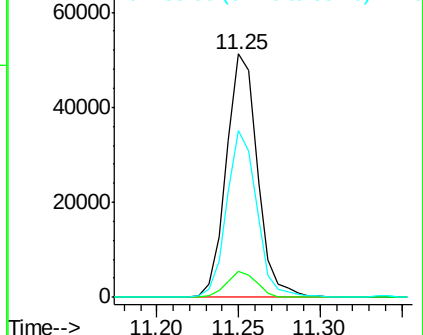
85 66.2 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.919 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016949.D

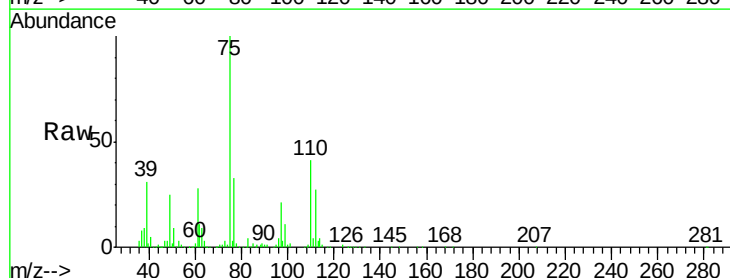
Acq: 25 Jun 2020 13:01

Tgt Ion: 75 Resp: 86603

Ion Ratio Lower Upper

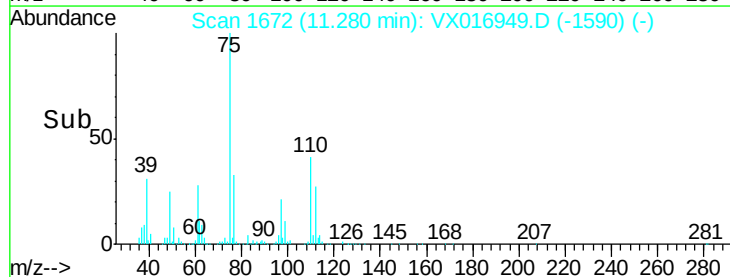
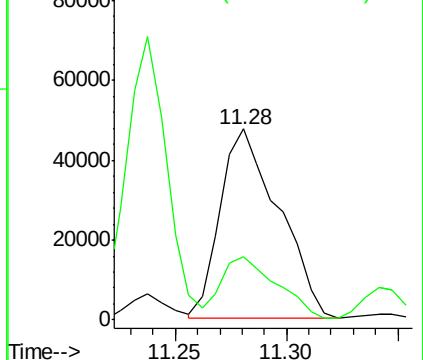
75 100

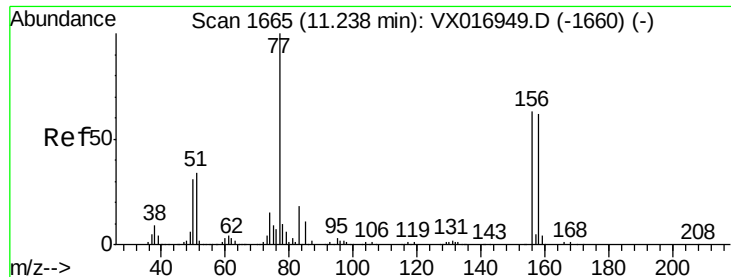
77 30.3 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.146 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

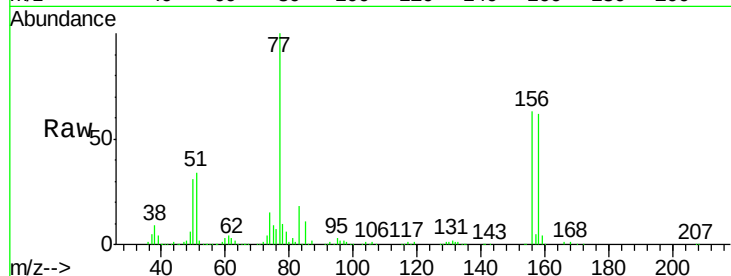
Tgt Ion:156 Resp: 56940

Ion Ratio Lower Upper

156 100

77 158.6 0.0 317.2

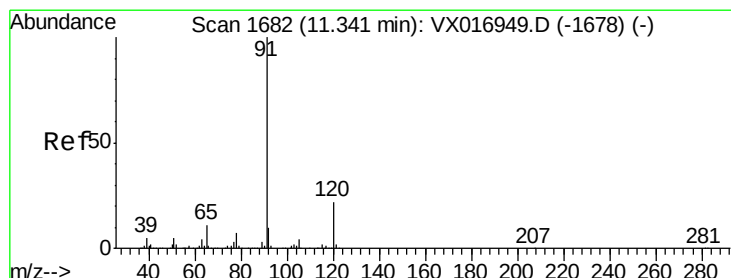
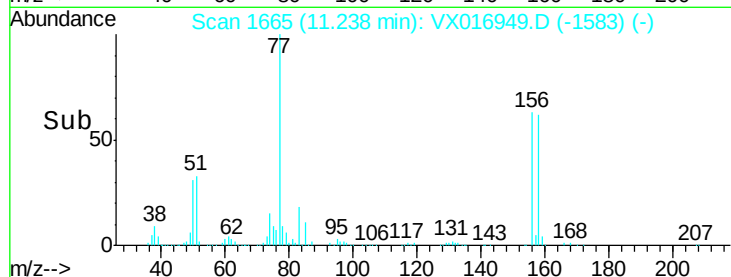
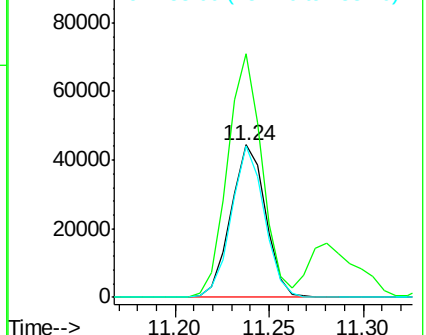
158 94.2 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.655 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016949.D

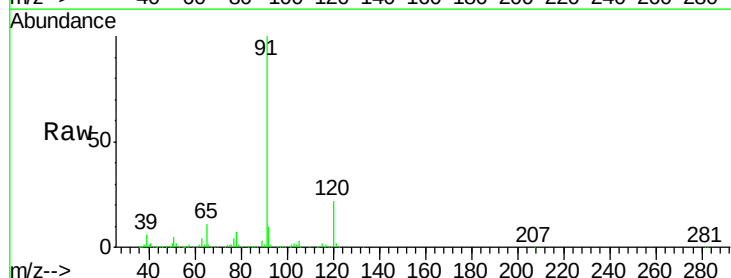
Acq: 25 Jun 2020 13:01

Tgt Ion: 91 Resp: 261011

Ion Ratio Lower Upper

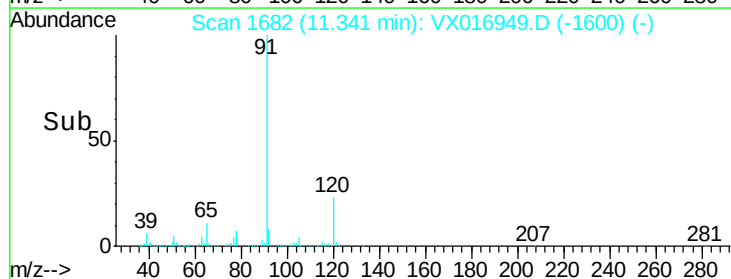
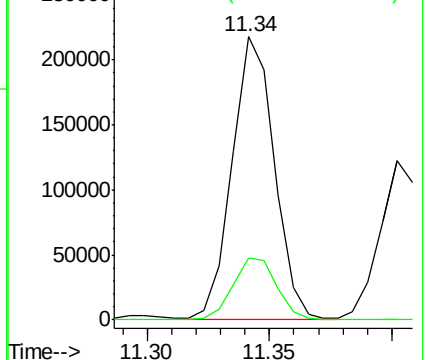
91 100

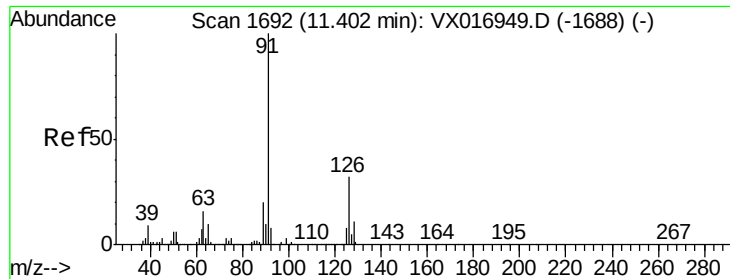
120 22.8 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

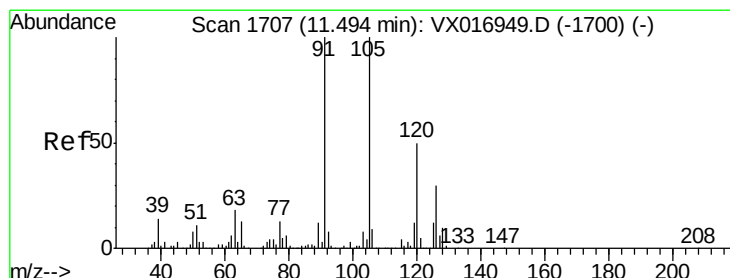
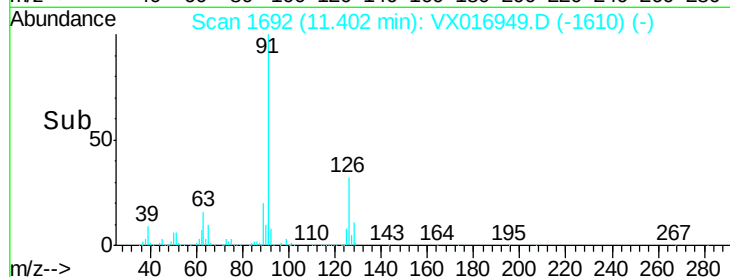
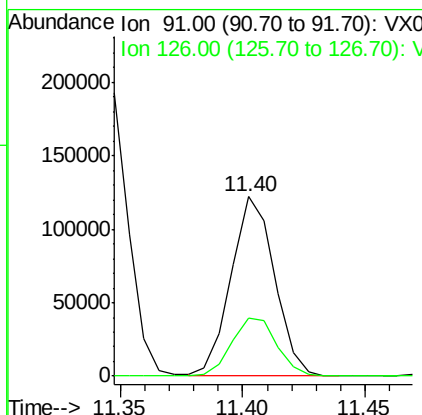
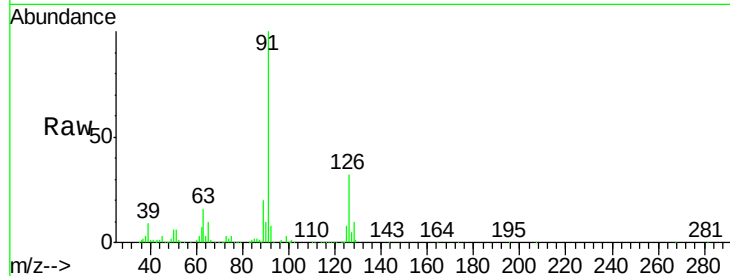




#75
 2-Chlorotoluene
 Concen: 18.466 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

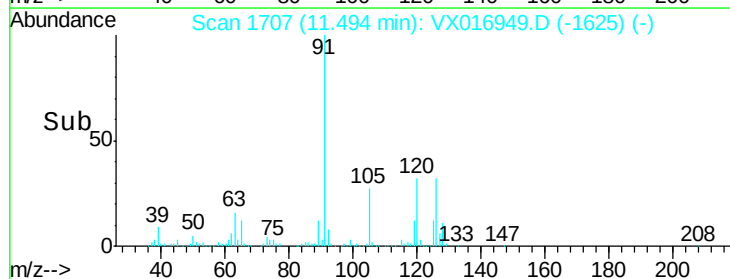
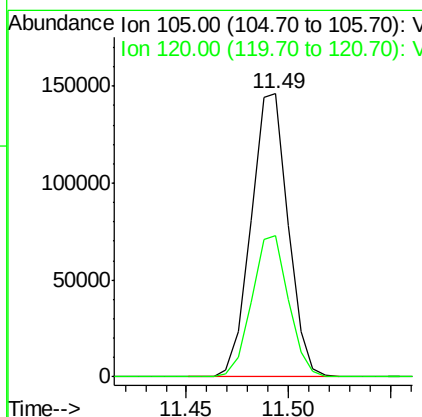
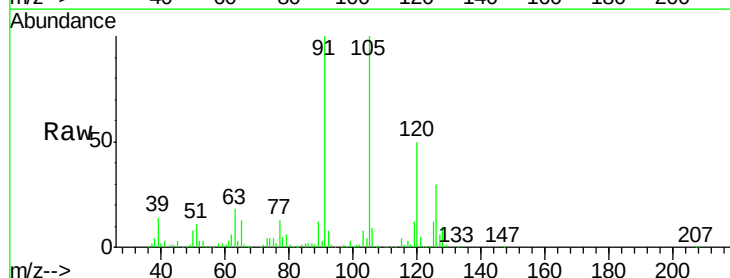
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

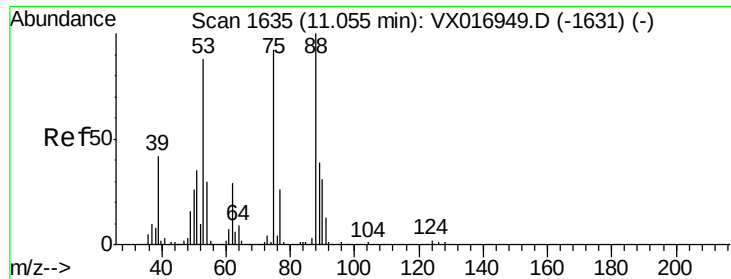
Tgt Ion: 91 Resp: 150662
 Ion Ratio Lower Upper
 91 100
 126 34.0 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 18.647 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion: 105 Resp: 184437
 Ion Ratio Lower Upper
 105 100
 120 49.7 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.314 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

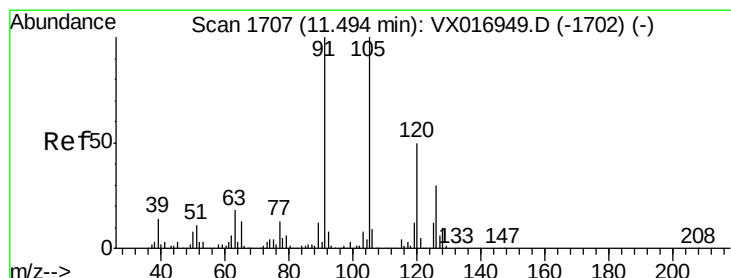
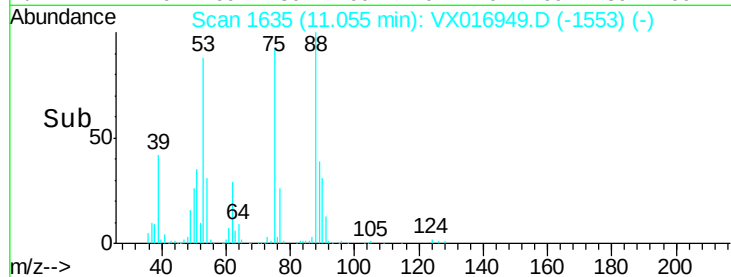
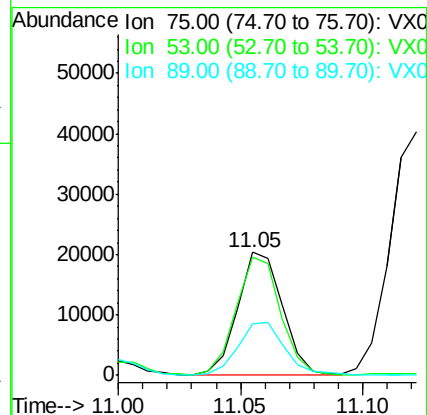
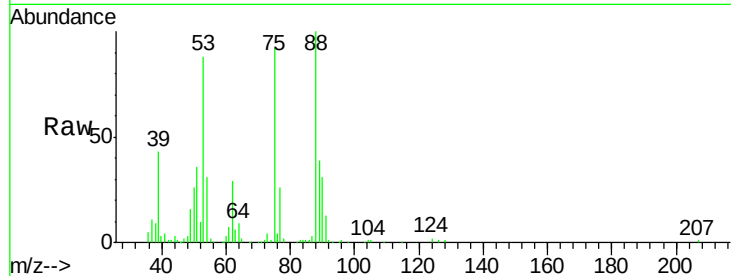
Tgt Ion: 75 Resp: 25794

Ion Ratio Lower Upper

75 100

53 95.3 47.6 142.9

89 42.3 21.1 63.4



#78

4-Chlorotoluene

Concen: 18.544 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016949.D

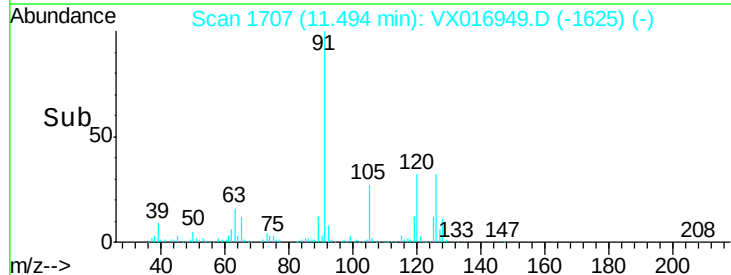
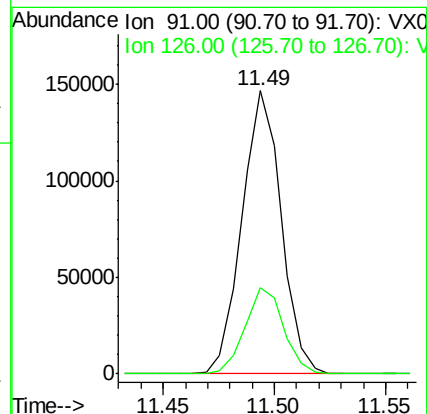
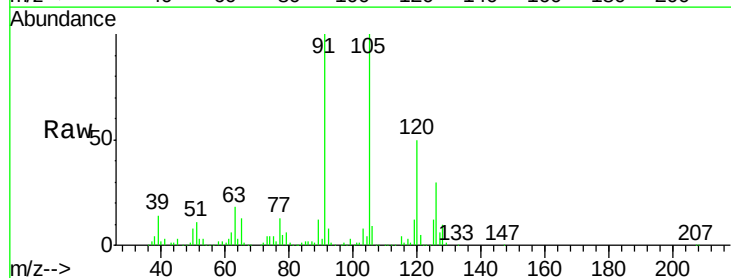
Acq: 25 Jun 2020 13:01

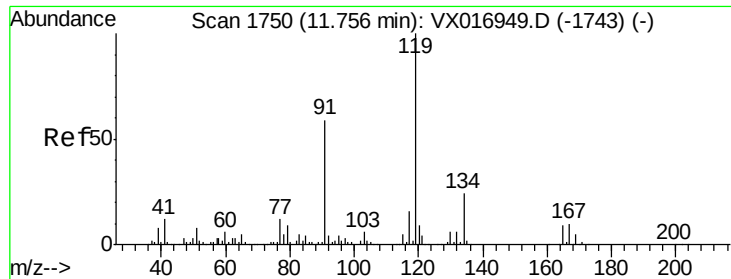
Tgt Ion: 91 Resp: 179139

Ion Ratio Lower Upper

91 100

126 30.3 0.0 60.6

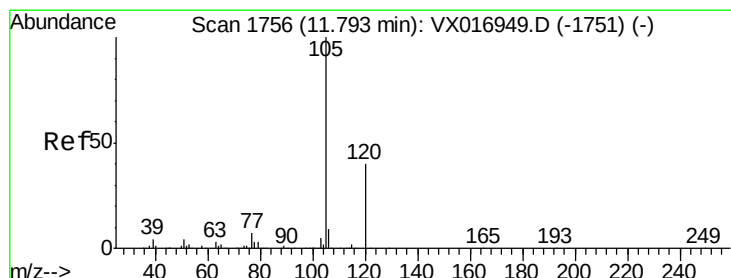
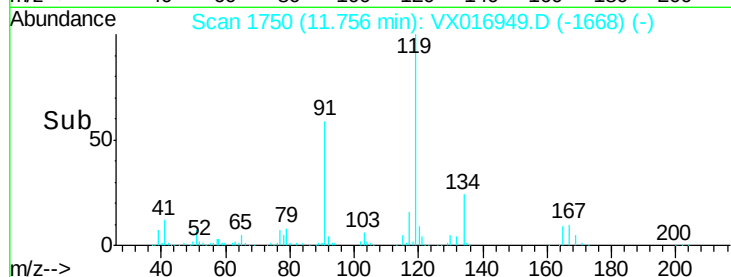
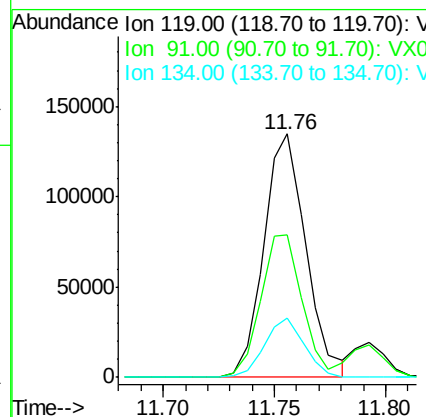
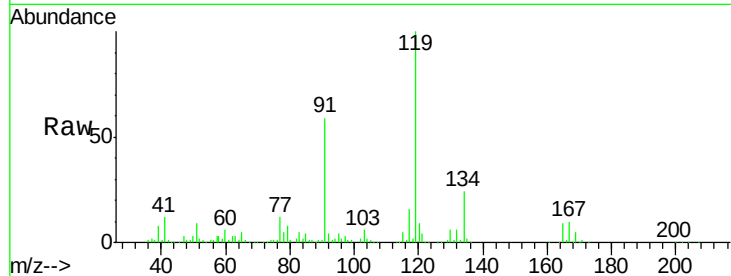




#79
 tert-butylbenzene
 Concen: 18.712 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

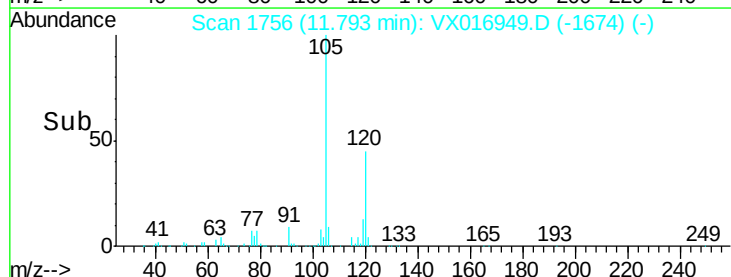
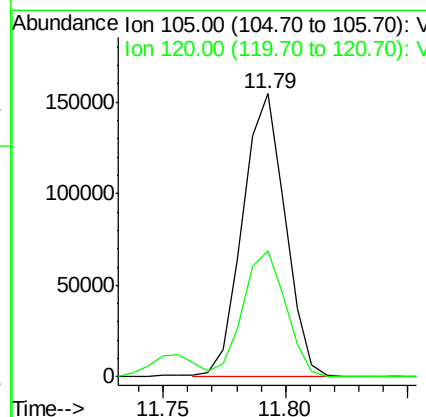
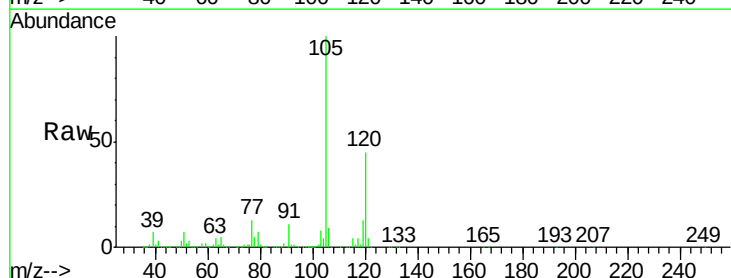
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

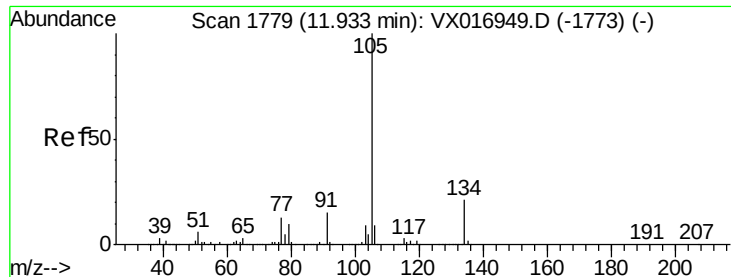
Tgt Ion:119 Resp: 177301
 Ion Ratio Lower Upper
 119 100
 91 57.6 0.0 115.2
 134 22.9 0.0 45.8



#80
 1,2,4-Trimethylbenzene
 Concen: 18.813 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion:105 Resp: 186817
 Ion Ratio Lower Upper
 105 100
 120 44.9 0.0 89.8





#81

sec-Butylbenzene

Concen: 18.582 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

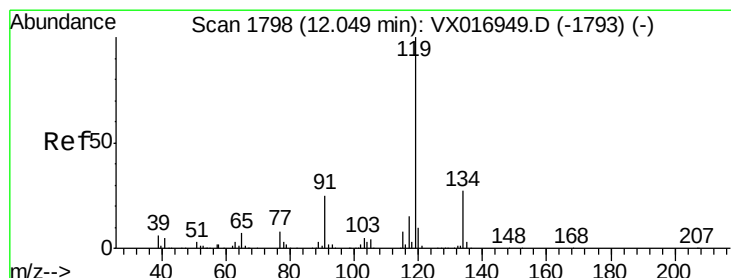
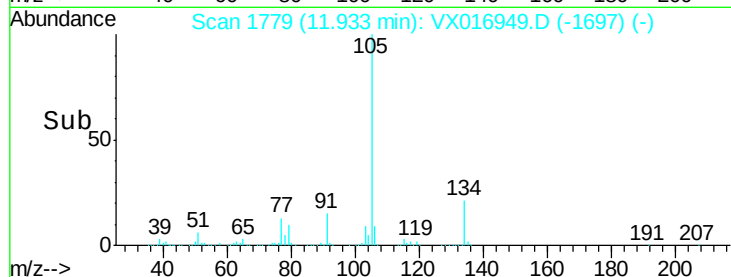
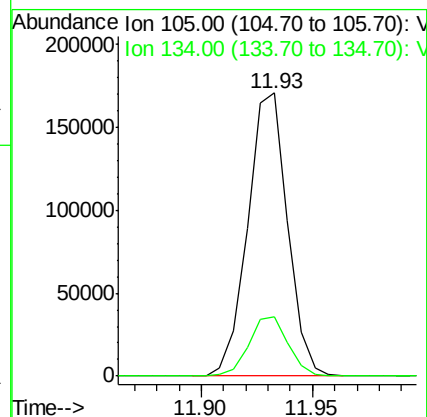
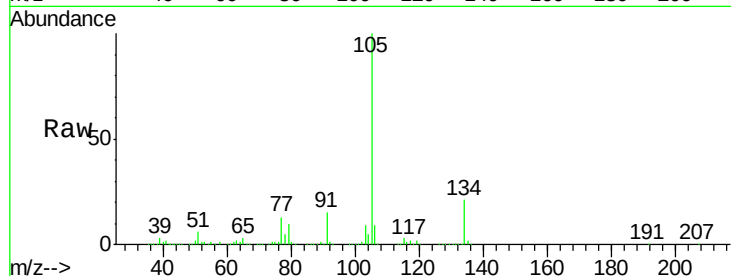
VSTDICCC020

Tgt Ion:105 Resp: 213174

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.2



#82

p-Isopropyltoluene

Concen: 18.619 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

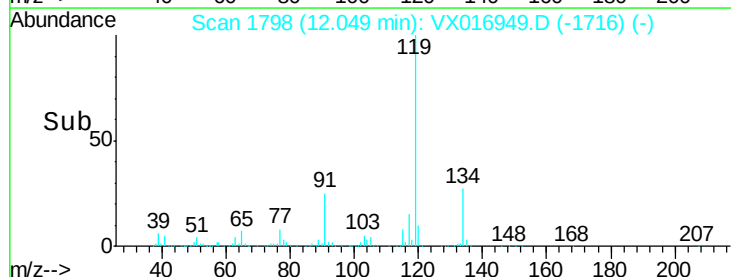
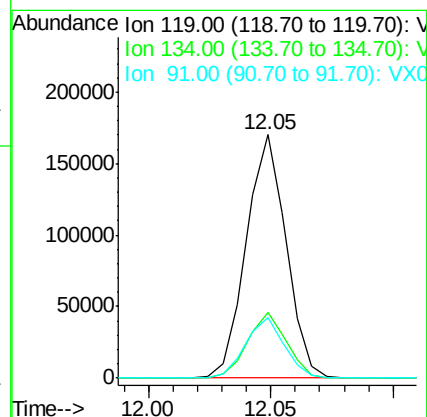
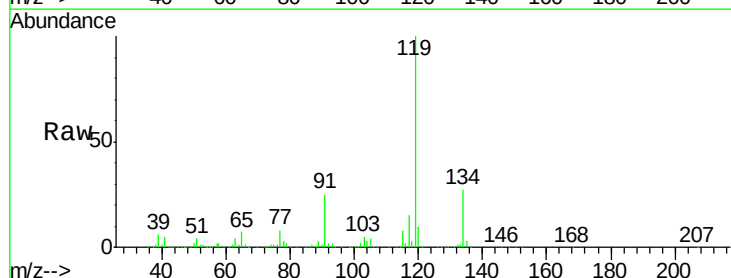
Tgt Ion:119 Resp: 192863

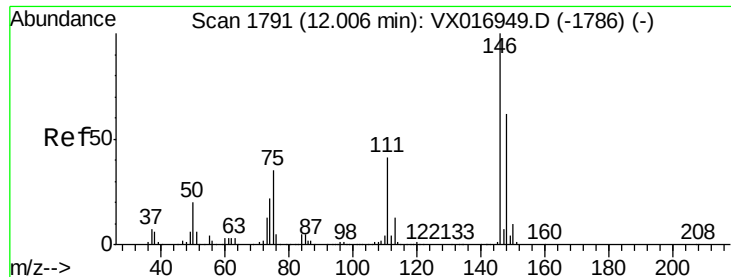
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.0

91 24.5 0.0 49.0

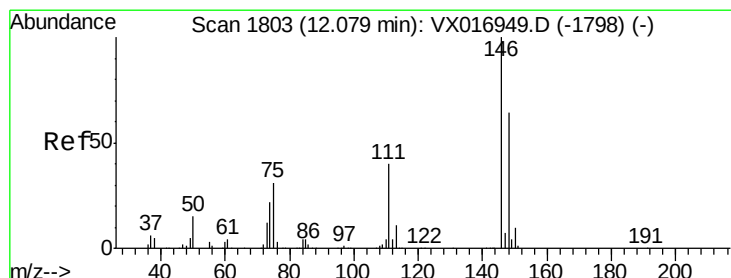
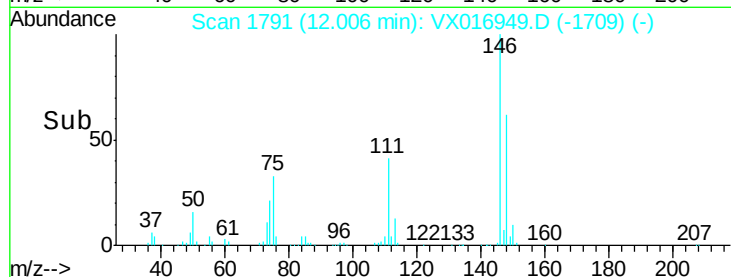
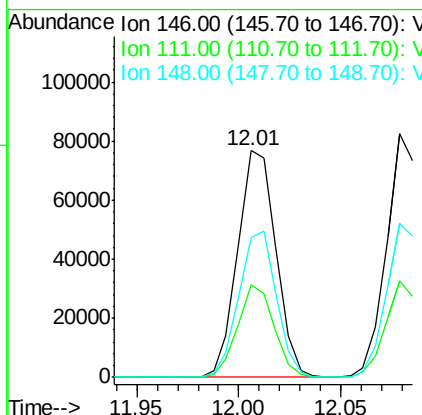
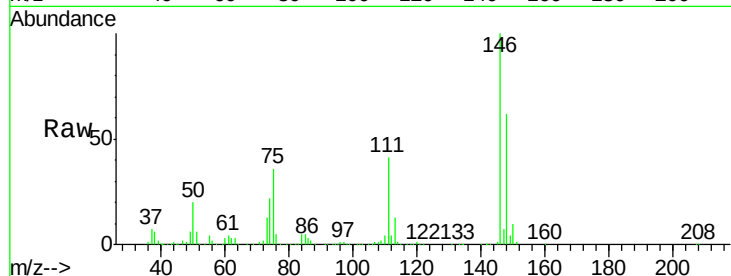




#83
 1,3-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

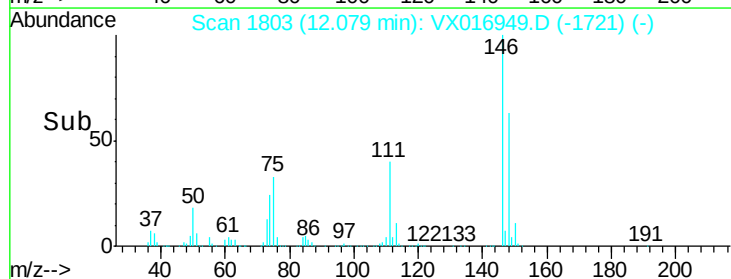
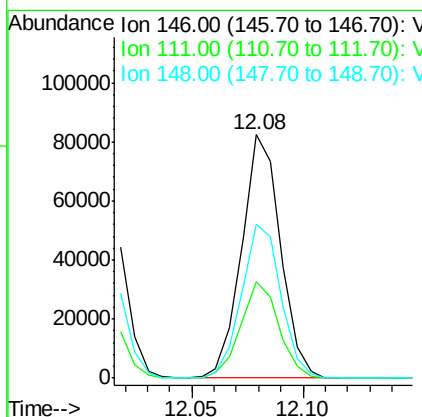
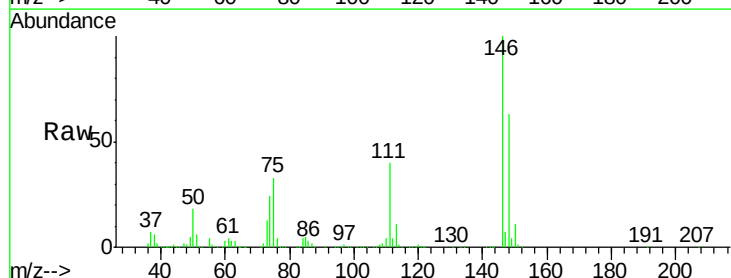
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

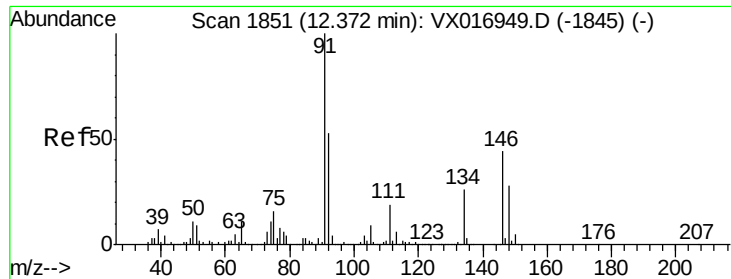
Tgt Ion:146 Resp: 100295
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.6 31.8 95.4



#84
 1,4-Dichlorobenzene
 Concen: 18.778 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion:146 Resp: 100551
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.2 32.1 96.3

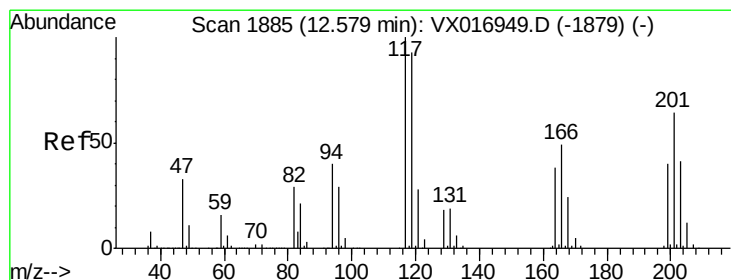
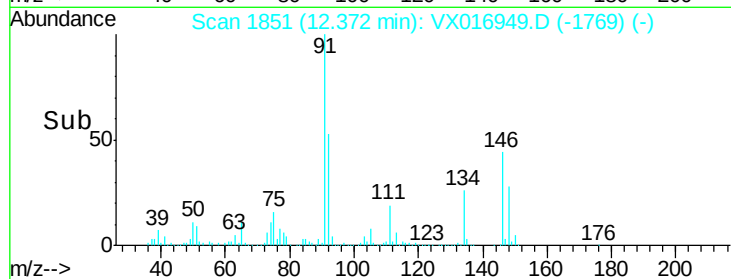
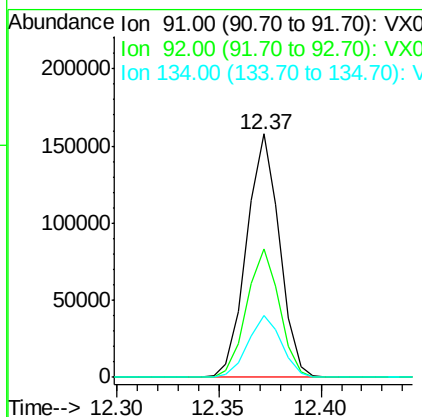
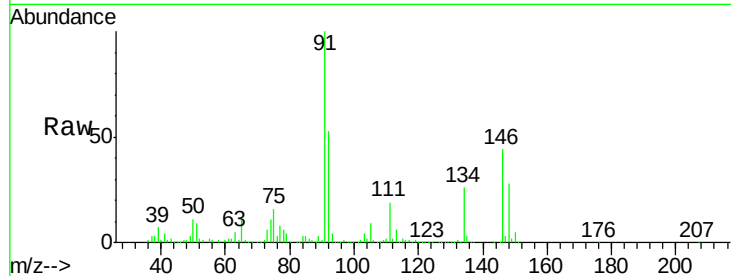




#85
n-Butylbenzene
Concen: 18.426 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

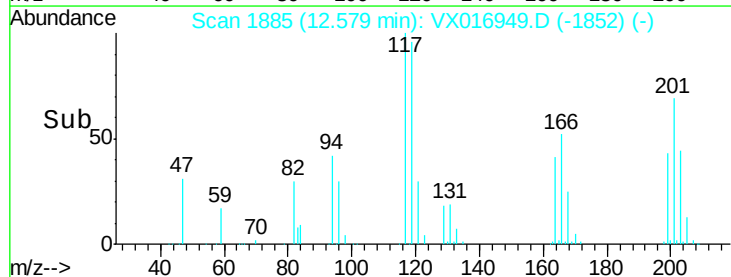
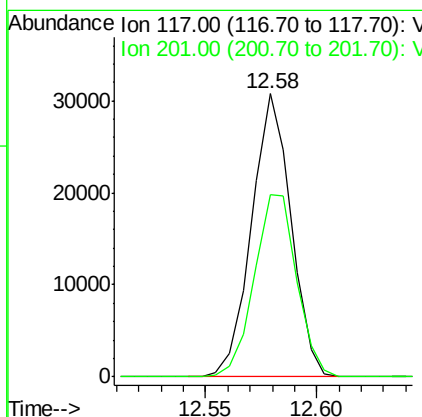
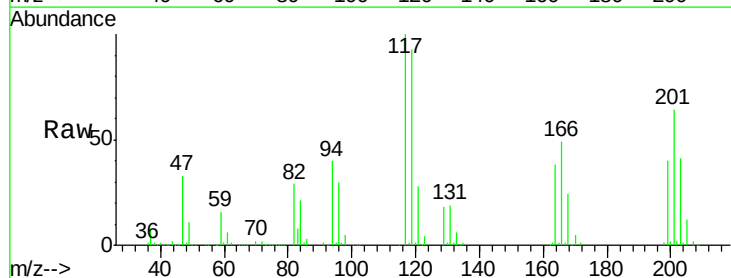
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

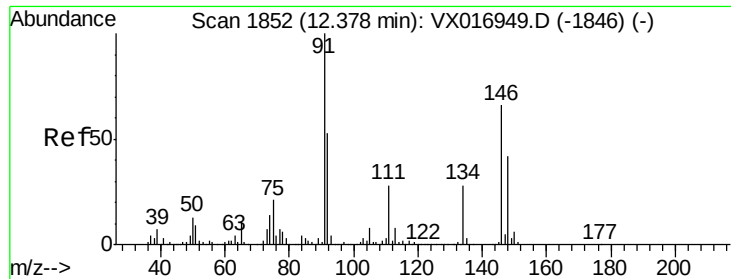
Tgt Ion: 91 Resp: 176667
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.8
134 26.1 0.0 52.2



#86
Hexachloroethane
Concen: 18.766 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 117 Resp: 38042
Ion Ratio Lower Upper
117 100
201 69.3 34.6 103.9

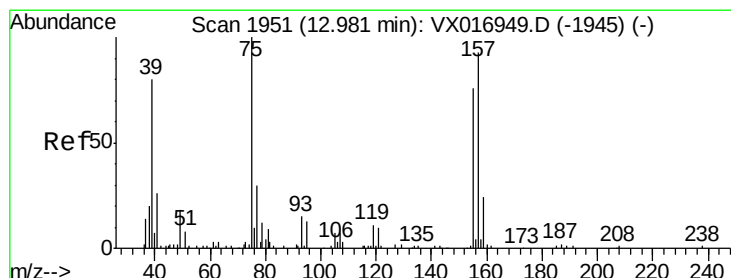
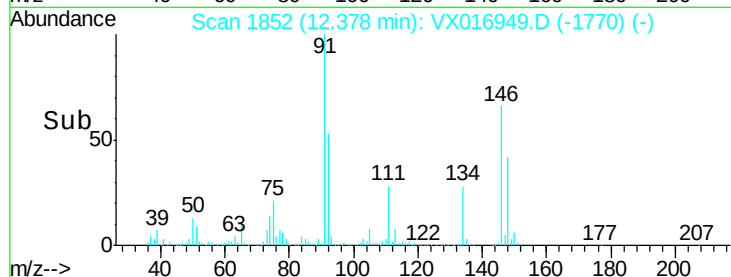
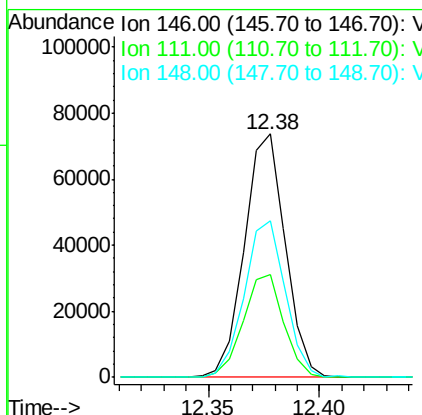
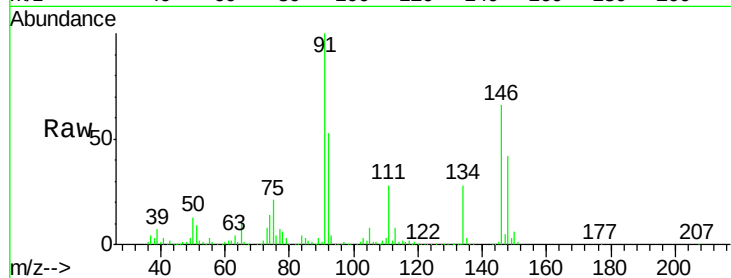




#87
 1,2-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

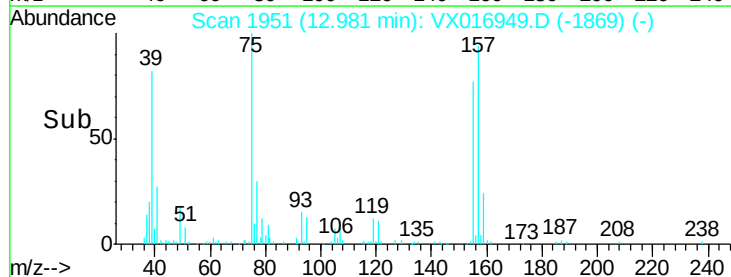
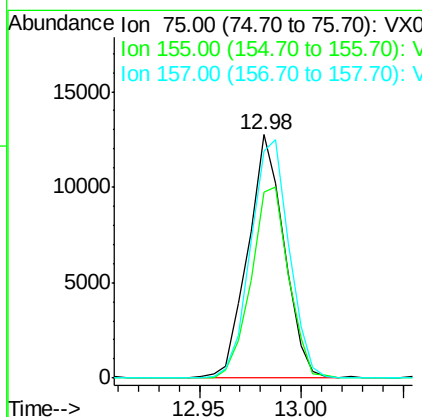
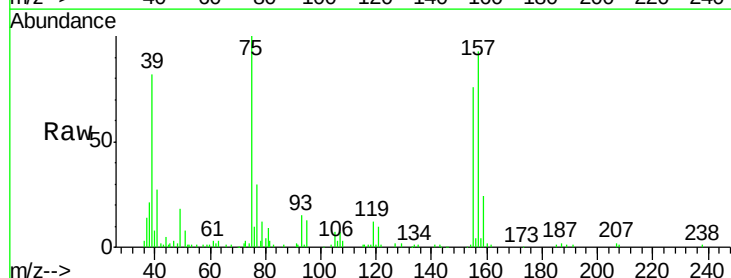
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

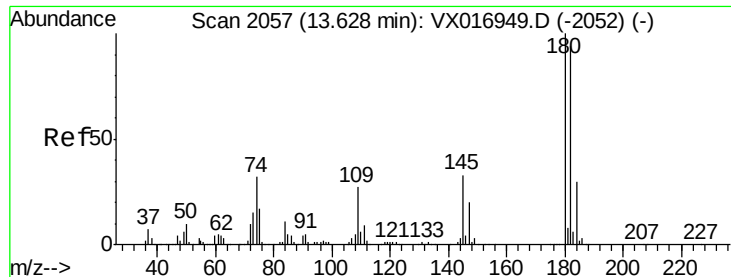
Tgt Ion:146 Resp: 94467
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 64.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.139 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion: 75 Resp: 15759
 Ion Ratio Lower Upper
 75 100
 155 81.3 65.0 97.6
 157 103.7 83.0 124.4

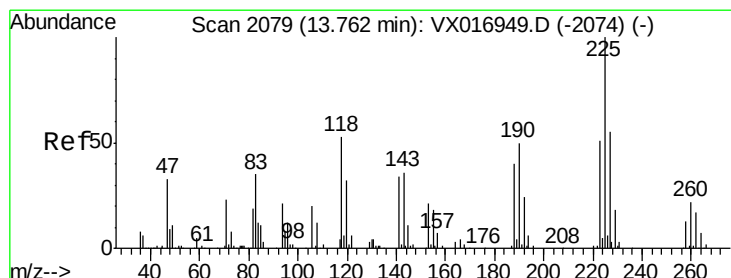
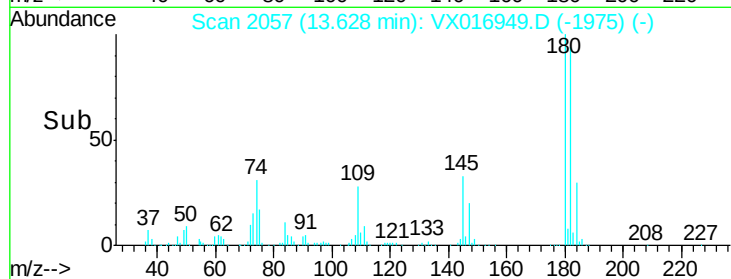
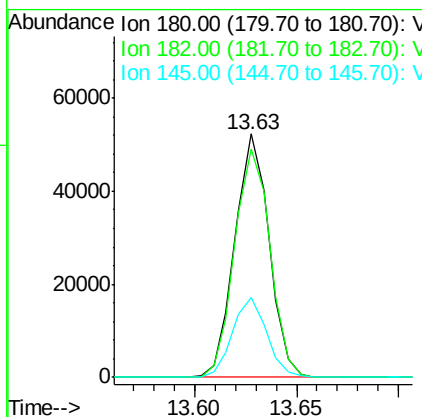
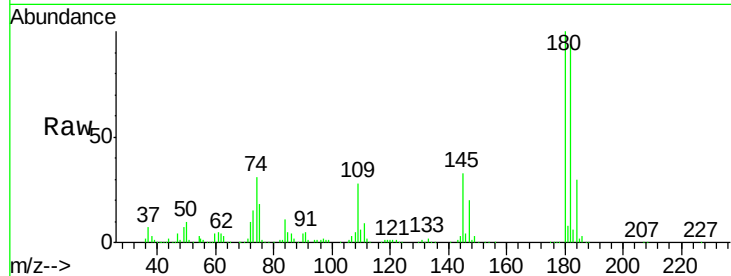




#89
 1,2,4-Trichlorobenzene
 Concen: 18.111 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

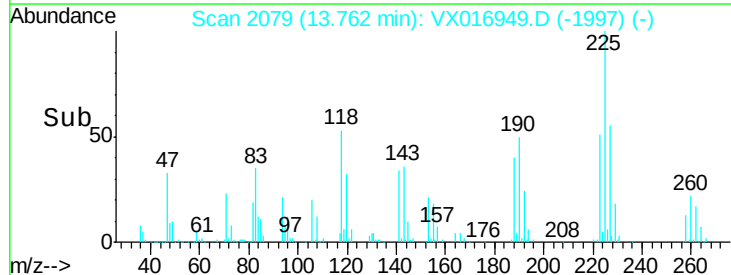
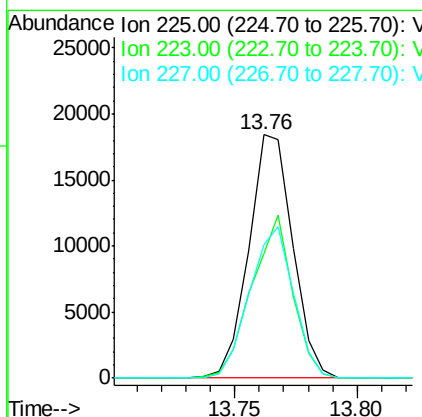
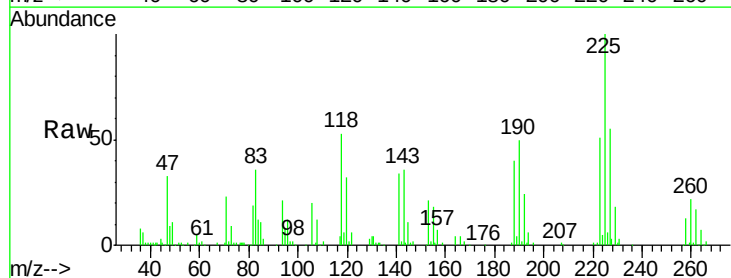
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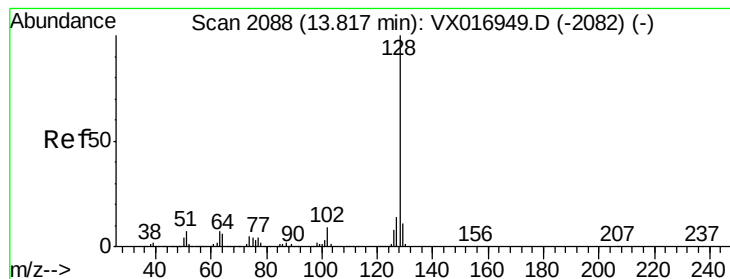
Tgt Ion:180 Resp: 60952
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.7 116.5
 145 32.7 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 18.030 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion:225 Resp: 23083
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 125.0
 227 62.0 0.0 124.0

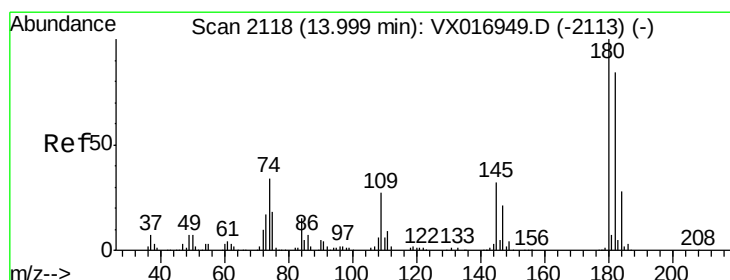
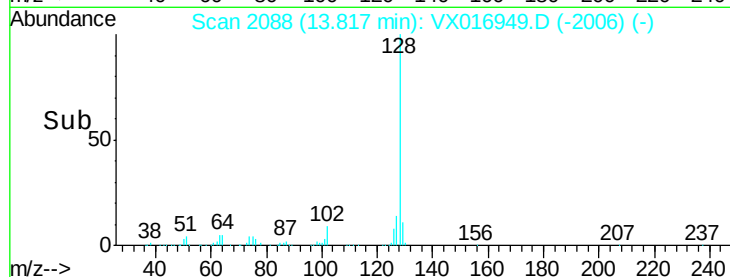
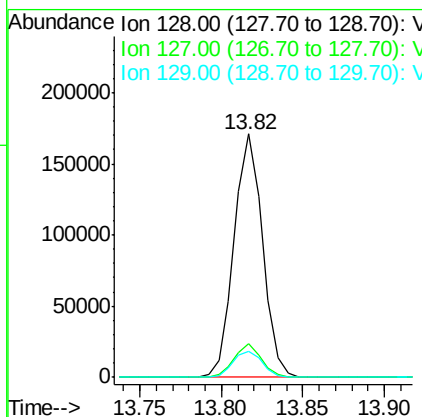
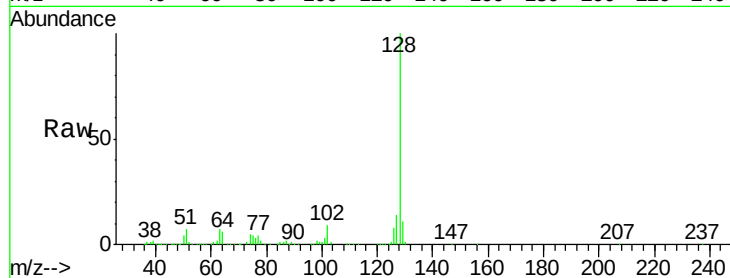




#91
Naphthalene
Concen: 18.792 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 207301
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 18.484 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion:180 Resp: 60708
Ion Ratio Lower Upper
180 100
182 92.4 0.0 184.8
145 34.0 0.0 68.0

