

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016959.D
 Acq On : 25 Jun 2020 17:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jun 26 09:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	38720	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	212591	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	190179	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87315	28.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.57%
60) 4-Bromofluorobenzene	11.12	95	93098	29.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.83%
63) Toluene-d8	8.70	98	258102	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	32994	17.523	ug/l 98
3) Chloromethane	1.32	50	46108	18.058	ug/l 97
4) Vinyl Chloride	1.39	62	49050	18.837	ug/l 95
5) Bromomethane	1.64	94	41289	22.022	ug/l 98
6) Chloroethane	1.71	64	30130	17.941	ug/l 99
7) Trichlorofluoromethane	1.92	101	79396	18.749	ug/l 93
8) Diethyl Ether	2.17	74	28303	18.368	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42109	18.736	ug/l 97
10) 1,1-Dichloroethene	2.35	96	42318	19.091	ug/l 92
11) Methyl Iodide	2.50	142	39418	13.318	ug/l 99
12) Methyl Acetate	2.75	43	53121	18.999	ug/l 98
13) Acrolein	2.28	56	16187	36.689	ug/l 96
14) Acrylonitrile	3.12	53	121353	91.637	ug/l 99
15) Acetone	2.42	58	32433	94.637	ug/l 97
16) Carbon Disulfide	2.55	76	128433	18.431	ug/l 100
17) Allyl chloride	2.71	41	77422	18.658	ug/l 96
18) Methylene Chloride	2.84	84	48897	18.315	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	45107	17.960	ug/l 97
20) Diisopropyl ether	3.82	45	153983	18.568	ug/l 96
21) 1,1-Dichloroethane	3.67	63	84991	18.587	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	52075	18.623	ug/l 97
23) tert-Butyl Alcohol	3.01	59	49034	83.588	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	147540	18.641	ug/l 100
25) Chloroform	5.18	83	85703	18.486	ug/l 98
26) Cyclohexane	5.55	56	72525	18.182	ug/l # 100
29) 1,1-Dichloropropene	5.78	75	63389	18.304	ug/l 99
30) 2-Butanone	4.64	43	166296	92.123	ug/l 100
31) 2,2-Dichloropropane	4.56	77	71722	18.058	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	77357	18.460	ug/l 99
33) Carbon Tetrachloride	5.75	117	67450	18.150	ug/l 92
34) Benzene	6.12	78	188208	18.664	ug/l 98
35) Methacrylonitrile	5.01	41	36542	18.342	ug/l 95
36) 1,2-Dichloroethane	6.17	62	69075	17.886	ug/l 100
37) Trichloroethene	7.19	130	49858	18.120	ug/l 94
38) Methylcyclohexane	7.44	83	72603	18.409	ug/l 99
39) 1,2-Dichloropropane	7.49	63	49285	18.760	ug/l 99
40) Dibromomethane	7.64	93	34717	19.174	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	69650	18.577	ug/l	99
42) Vinyl Acetate	3.79	43	680783	93.586	ug/l	100
43) Ethyl Acetate	4.80	43	70073	18.740	ug/l	99
44) Isopropyl Acetate	6.42	43	113685	18.445	ug/l	99
45) 1,4-Dioxane	7.71	88	18323	294.685	ug/l	94
46) Methyl methacrylate	7.74	41	54314	19.043	ug/l	92
47) n-amyl Acetate	10.88	43	98070	18.002	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	75395	18.187	ug/l	95
49) cis-1,3-Dichloropropene	8.41	75	81190	18.635	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	46317	18.329	ug/l	96
51) Ethyl methacrylate	9.16	69	71083	18.330	ug/l	99
52) 1,3-Dichloropropane	9.35	76	81866	18.870	ug/l	98
53) Dibromochloromethane	9.57	129	53239	18.330	ug/l	99
54) 1,2-Dibromoethane	9.65	107	49686	18.530	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	205479	100.687	ug/l	100
56) Bromoform	10.84	173	35776	17.352	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	339068	96.790	ug/l	99
59) 2-Hexanone	9.47	43	249424	95.402	ug/l	99
61) Tetrachloroethene	9.32	164	40891	16.860	ug/l	92
62) Toluene	8.76	91	201097	19.333	ug/l	100
64) Chlorobenzene	10.12	112	122705	18.829	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	46555	18.977	ug/l	97
66) Ethyl Benzene	10.24	91	219470	19.026	ug/l	99
67) m/p-Xylenes	10.34	106	164782	37.868	ug/l	99
68) o-Xylene	10.68	106	79807	19.093	ug/l	97
69) Styrene	10.69	104	132599	18.527	ug/l	98
70) Isopropylbenzene	11.00	105	210306	18.550	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	70303	20.192	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	83941	25.105	ug/l	85
73) Bromobenzene	11.24	156	51739	18.083	ug/l	96
74) n-propylbenzene	11.34	91	247546	18.390	ug/l	99
75) 2-Chlorotoluene	11.40	91	147745	18.822	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	176872	18.586	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	24482	18.067	ug/l	98
78) 4-Chlorotoluene	11.49	91	171898	18.496	ug/l	99
79) tert-butylbenzene	11.76	119	170795	18.735	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	178510	18.685	ug/l	99
81) sec-Butylbenzene	11.93	105	200731	18.186	ug/l	98
82) p-Isopropyltoluene	12.05	119	180331	18.095	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	95599	18.645	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	97209	18.869	ug/l	100
85) n-Butylbenzene	12.37	91	161857	17.546	ug/l	98
86) Hexachloroethane	12.58	117	36318	18.622	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	92708	19.317	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15754	19.887	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	58092	17.941	ug/l	100
90) Hexachlorobutadiene	13.76	225	20253	16.443	ug/l	97
91) Naphthalene	13.82	128	199013	18.751	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	57994	18.353	ug/l	98

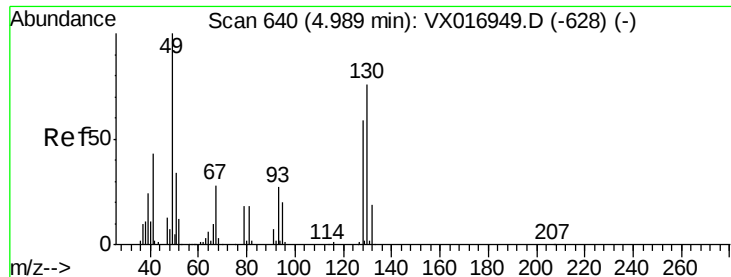
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

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Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

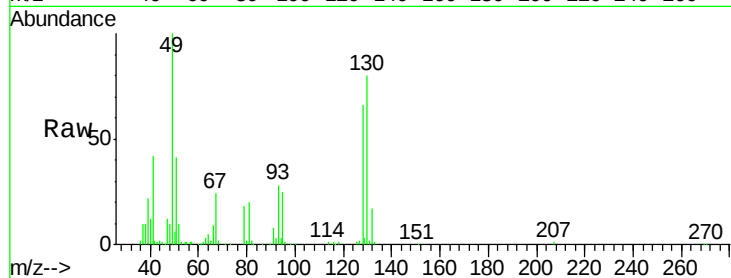
Tgt Ion:128 Resp: 38720

Ion Ratio Lower Upper

128 100

49 168.9 0.0 428.0

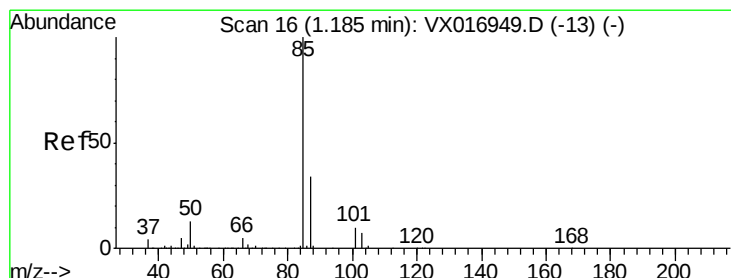
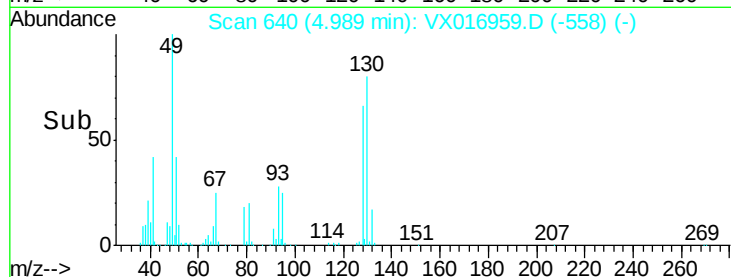
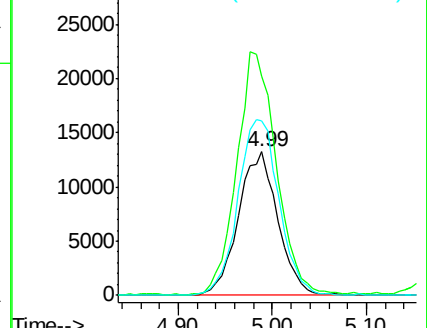
130 127.5 0.0 318.0



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: 17.523 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016959.D

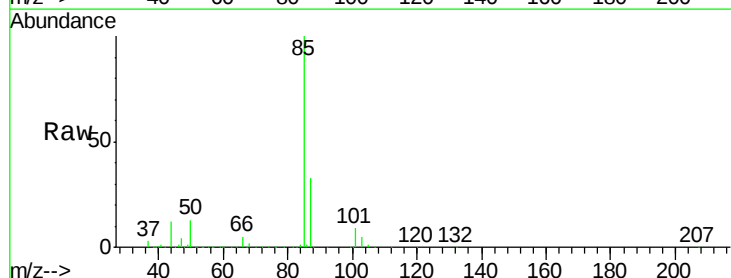
Acq: 25 Jun 2020 17:21

Tgt Ion: 85 Resp: 32994

Ion Ratio Lower Upper

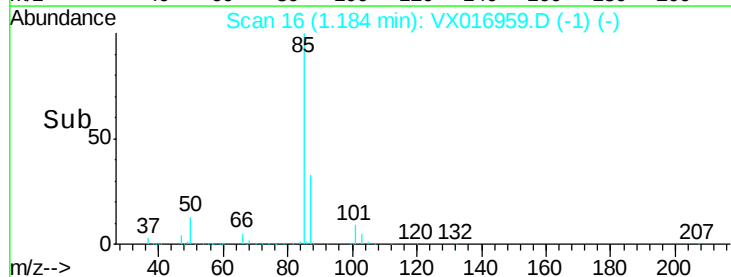
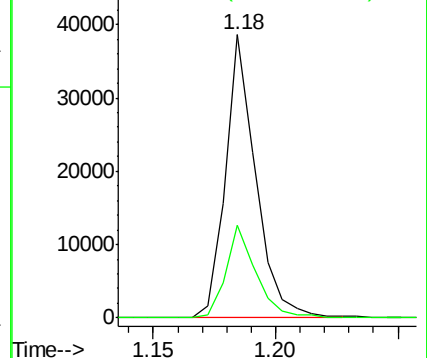
85 100

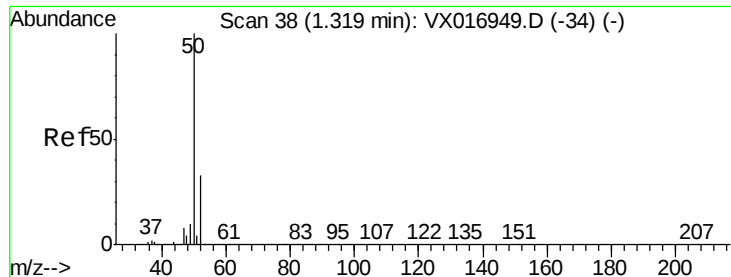
87 32.9 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.058 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

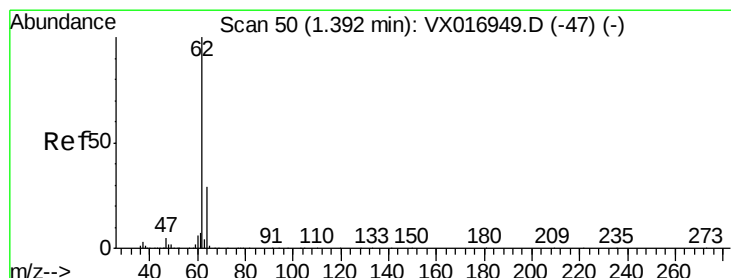
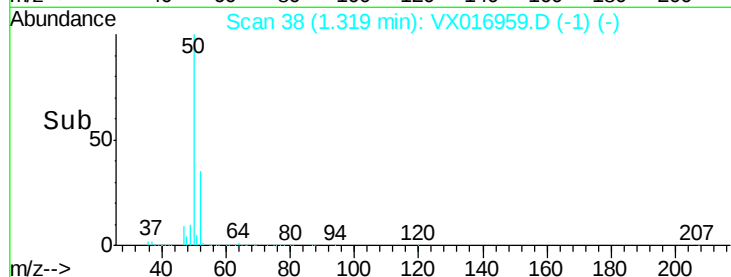
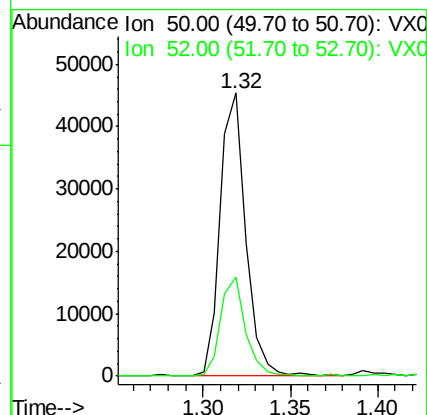
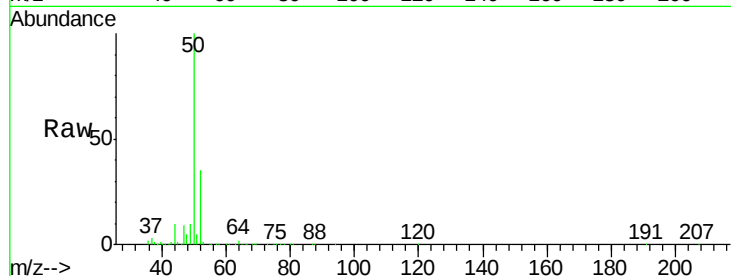
VSTDCCC020EC

Tgt Ion: 50 Resp: 46108

Ion Ratio Lower Upper

50 100

52 34.9 26.5 39.7



#4

Vinyl Chloride

Concen: 18.837 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016959.D

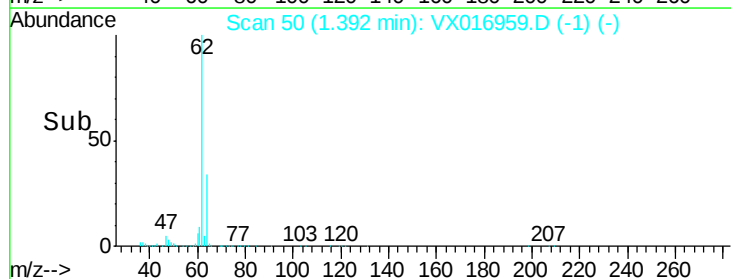
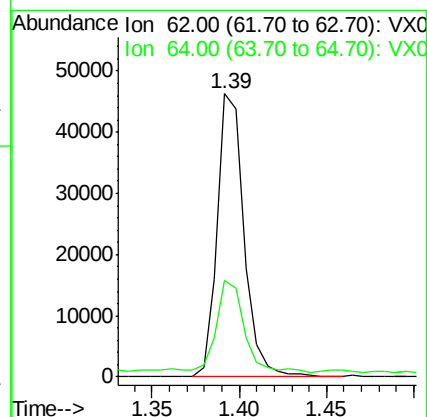
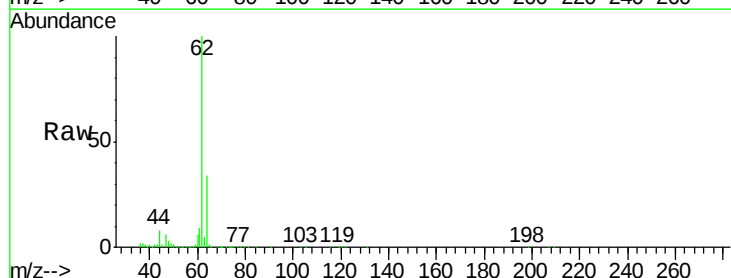
Acq: 25 Jun 2020 17:21

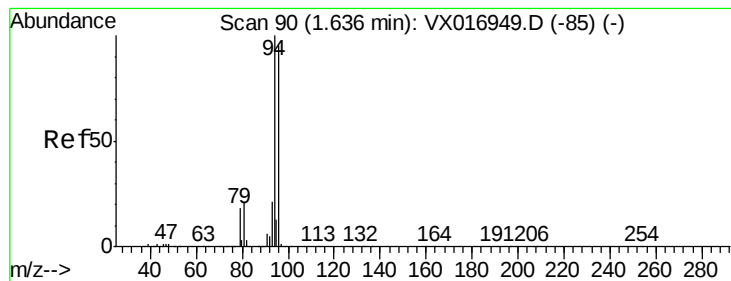
Tgt Ion: 62 Resp: 49050

Ion Ratio Lower Upper

62 100

64 32.0 23.4 35.0





#5

Bromomethane

Concen: 22.022 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

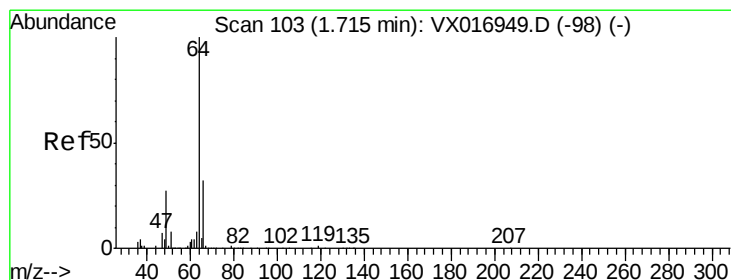
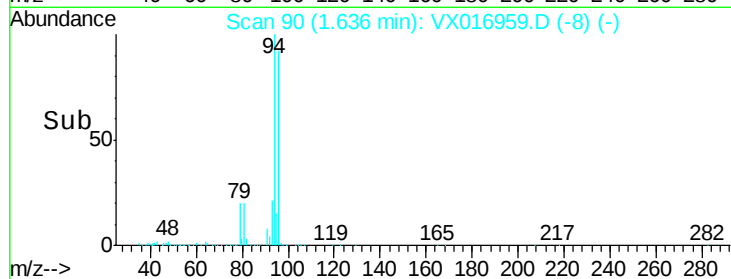
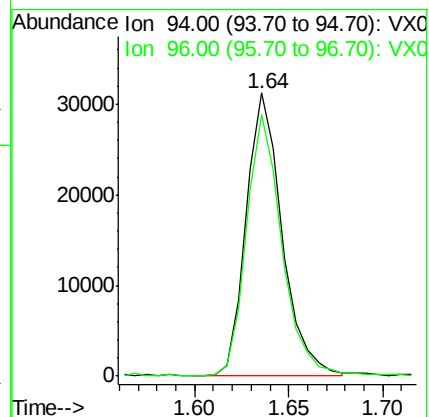
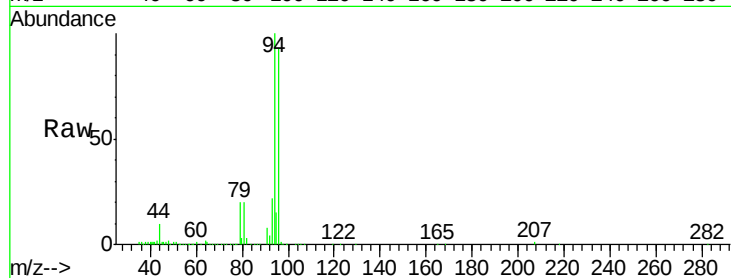
VSTDCCC020EC

Tgt Ion: 94 Resp: 41289

Ion Ratio Lower Upper

94 100

96 92.1 75.5 113.3



#6

Chloroethane

Concen: 17.941 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX016959.D

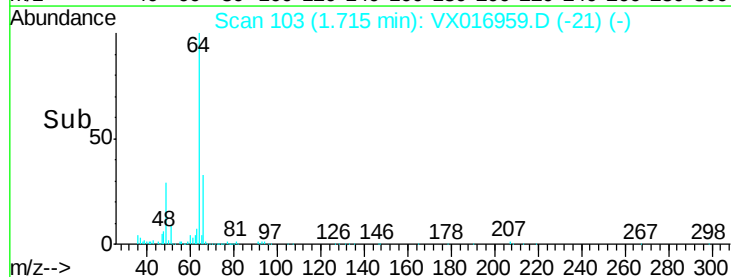
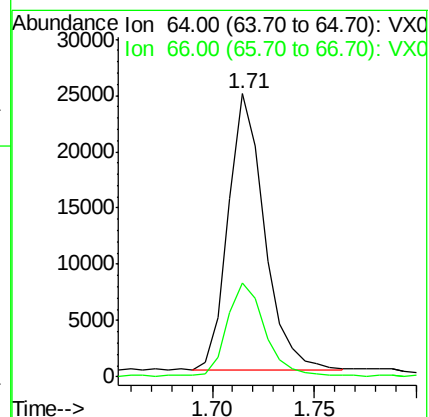
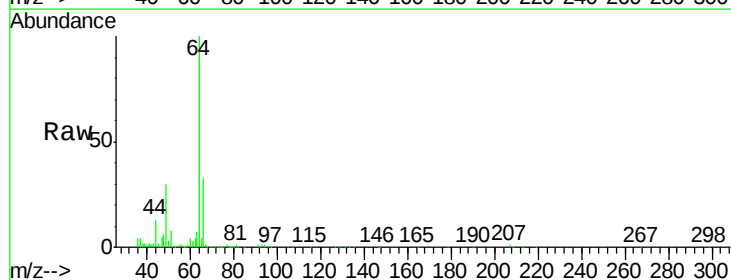
Acq: 25 Jun 2020 17:21

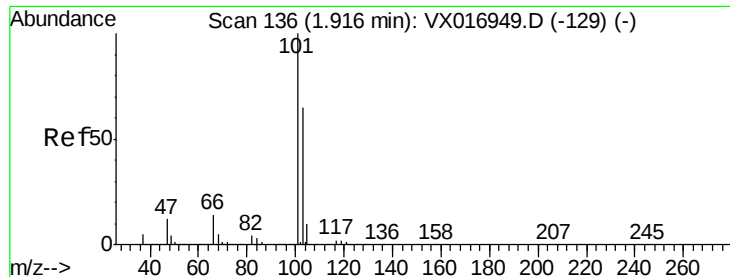
Tgt Ion: 64 Resp: 30130

Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1



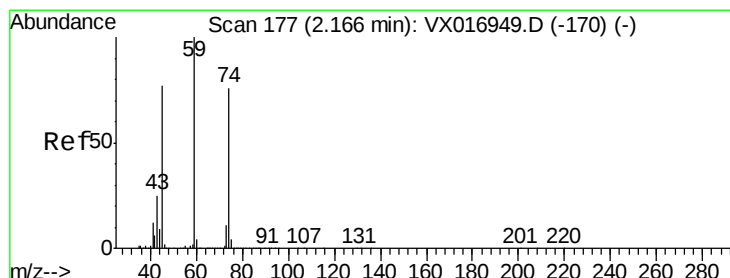
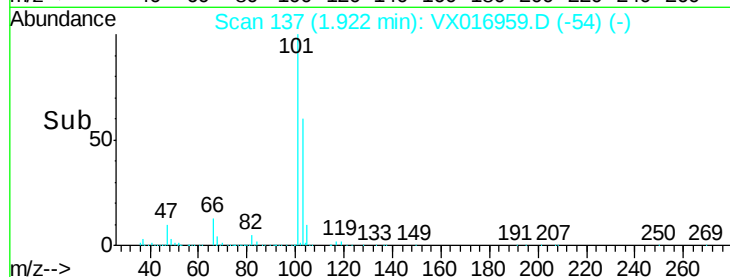
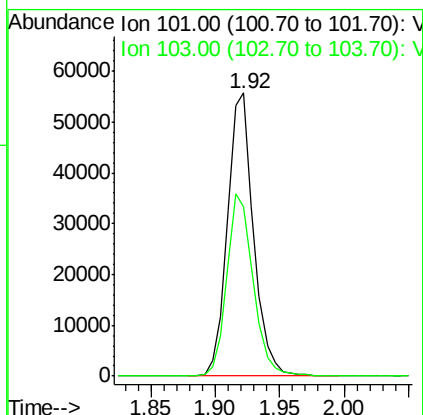
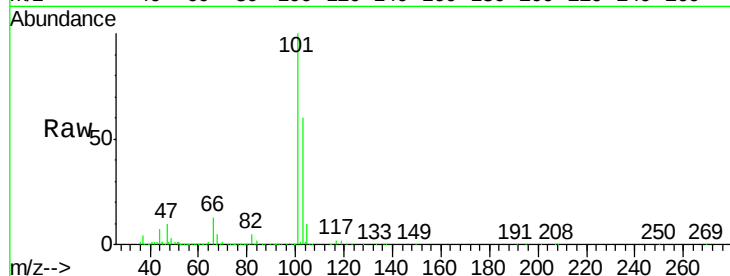


#7

Trichlorofluoromethane
Concen: 18.749 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016959.D
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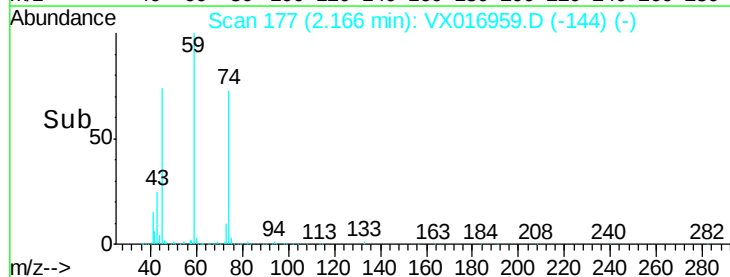
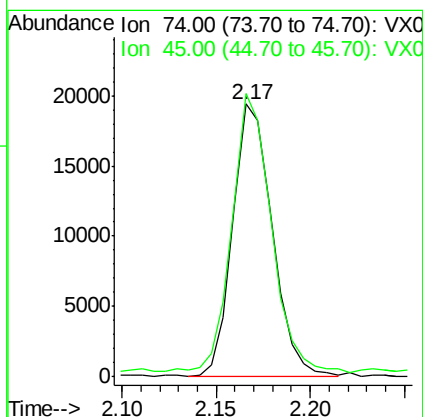
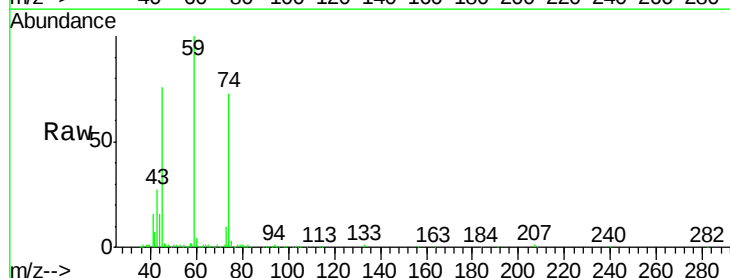
Tgt Ion:101 Resp: 79396
Ion Ratio Lower Upper
101 100
103 60.0 52.1 78.1

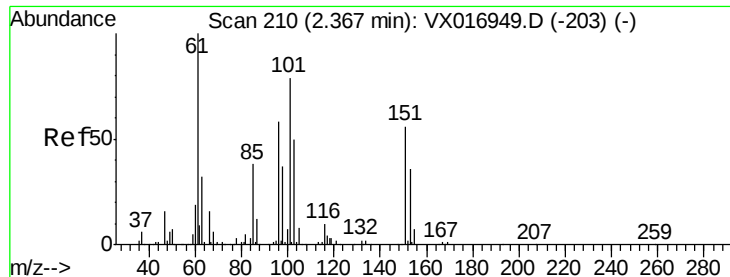


#8

Diethyl Ether
Concen: 18.368 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 74 Resp: 28303
Ion Ratio Lower Upper
74 100
45 100.8 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.736 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

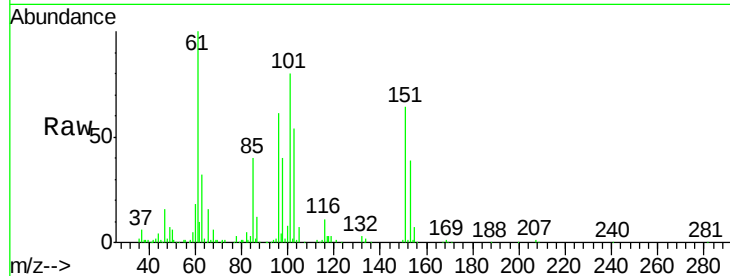
Tgt Ion:101 Resp: 42109

Ion Ratio Lower Upper

101 100

85 45.6 0.0 94.6

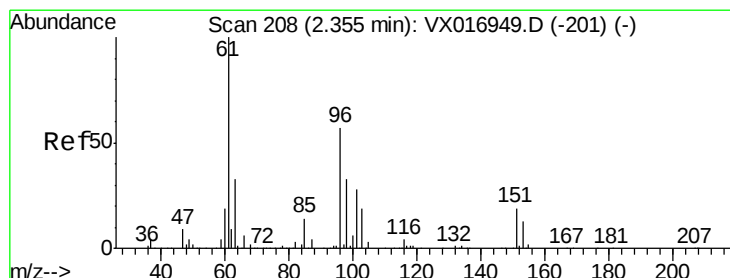
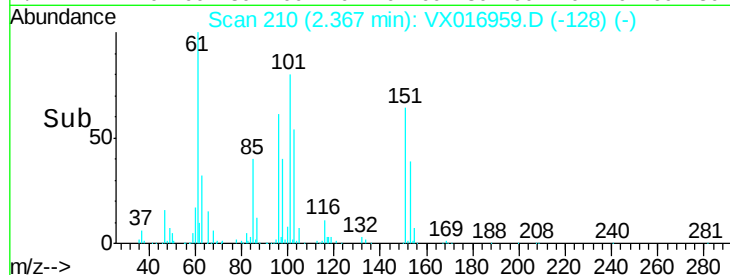
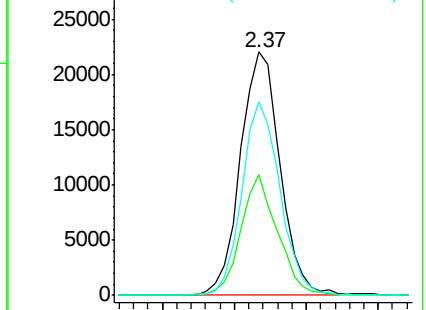
151 76.2 0.0 145.8



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: 19.091 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

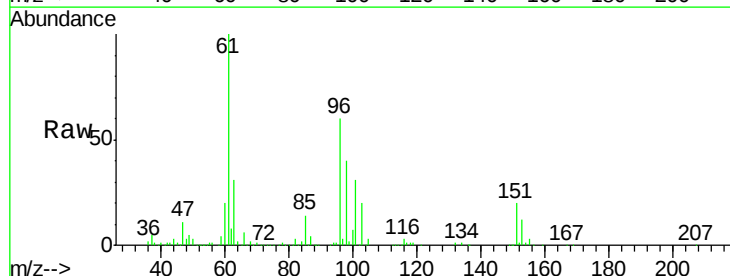
Tgt Ion: 96 Resp: 42318

Ion Ratio Lower Upper

96 100

61 166.3 141.3 211.9

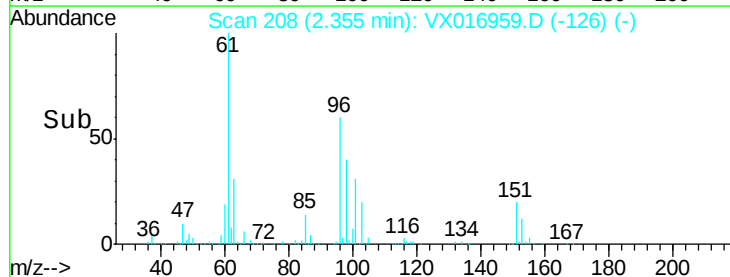
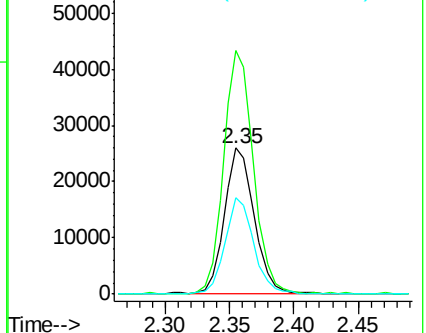
98 65.6 47.0 70.4

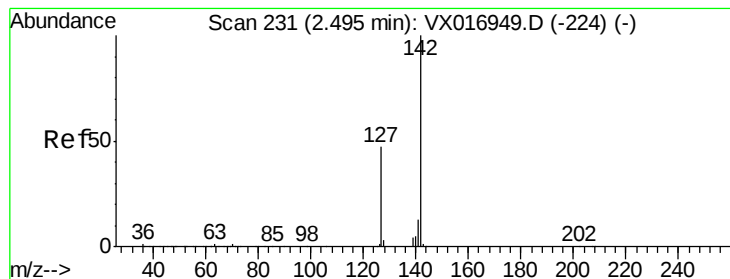


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 13.318 ug/l

RT: 2.50 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

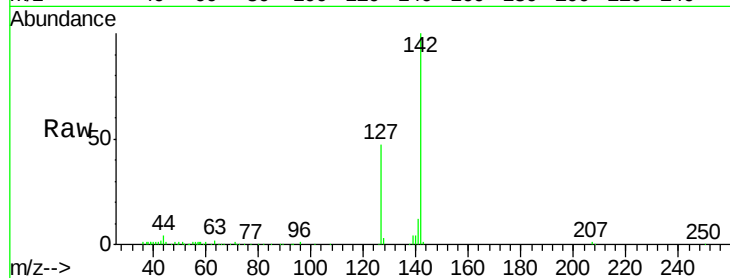
Tgt Ion:142 Resp: 39418

Ion Ratio Lower Upper

142 100

127 46.6 23.3 69.9

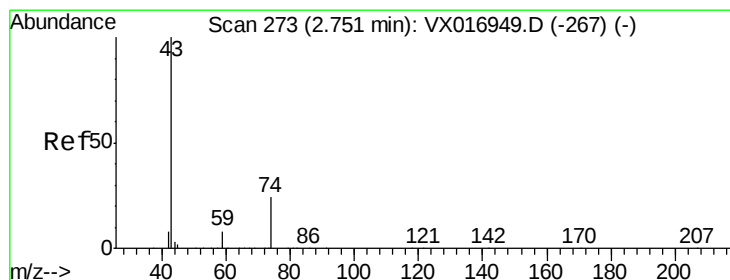
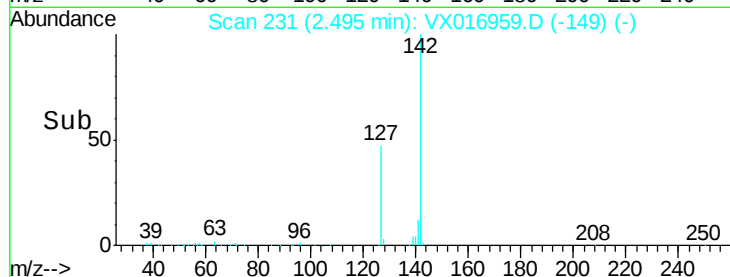
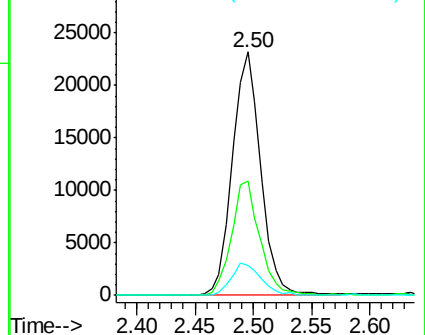
141 12.3 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 18.999 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016959.D

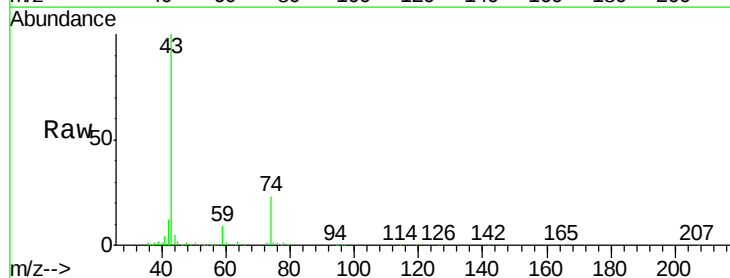
Acq: 25 Jun 2020 17:21

Tgt Ion: 43 Resp: 53121

Ion Ratio Lower Upper

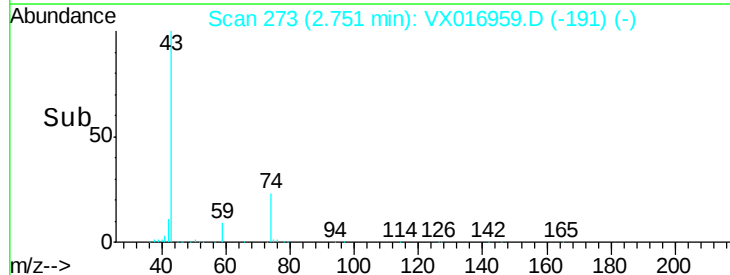
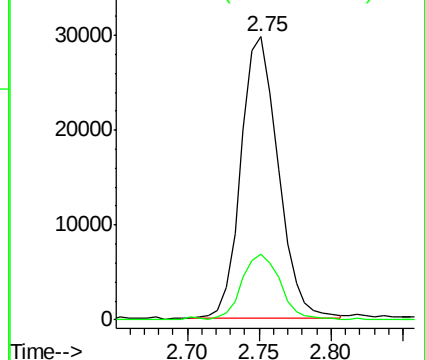
43 100

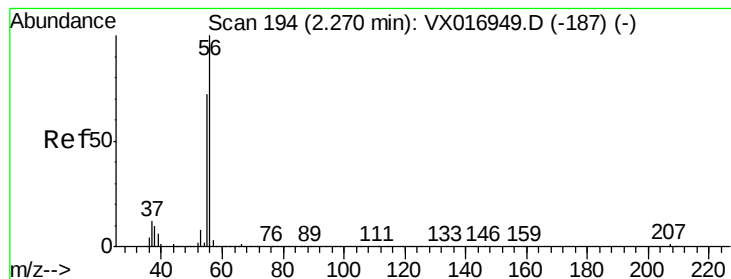
74 22.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 36.689 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

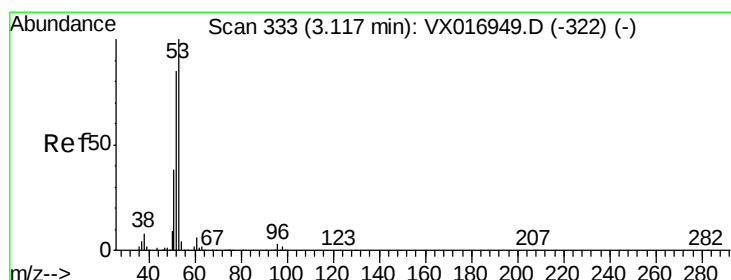
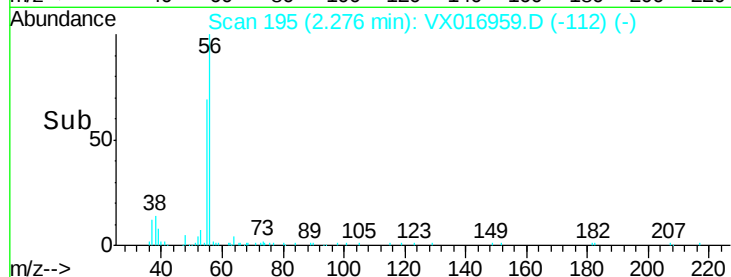
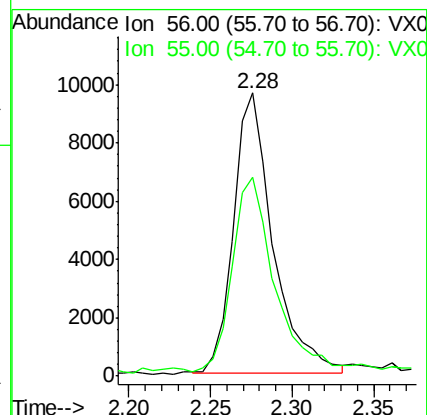
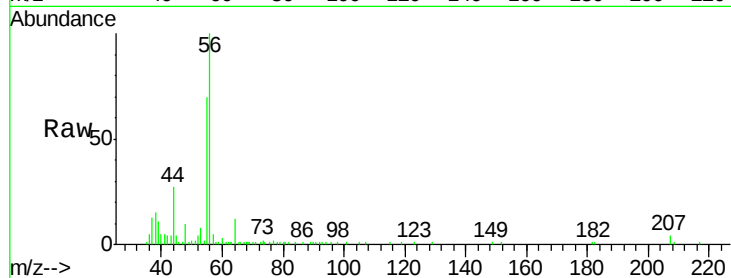
VSTDCCC020EC

Tgt Ion: 56 Resp: 16187

Ion Ratio Lower Upper

56 100

55 73.6 56.2 84.4



#14

Acrylonitrile

Concen: 91.637 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

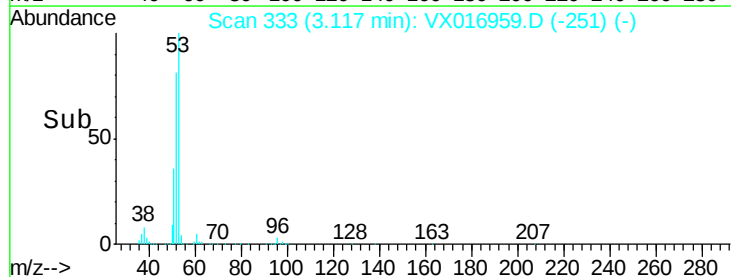
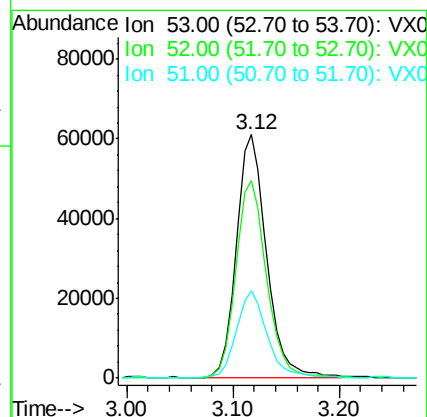
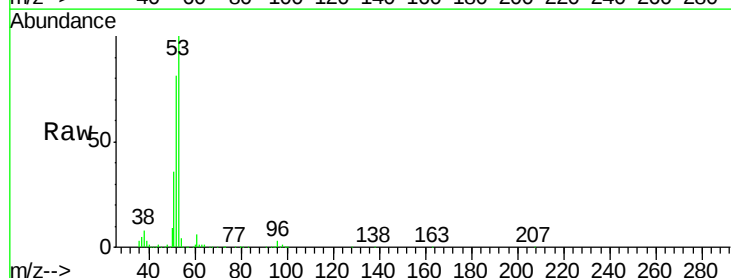
Tgt Ion: 53 Resp: 121353

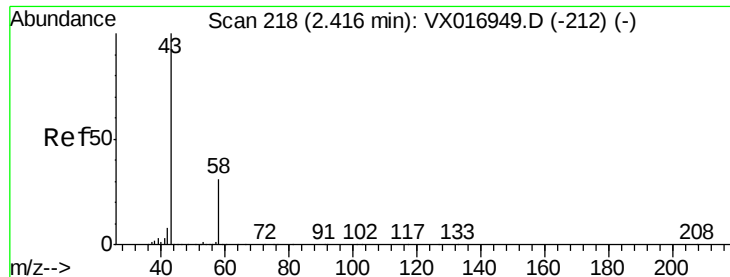
Ion Ratio Lower Upper

53 100

52 82.4 40.6 121.8

51 36.4 18.4 55.4





#15

Acetone

Concen: 94.637 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

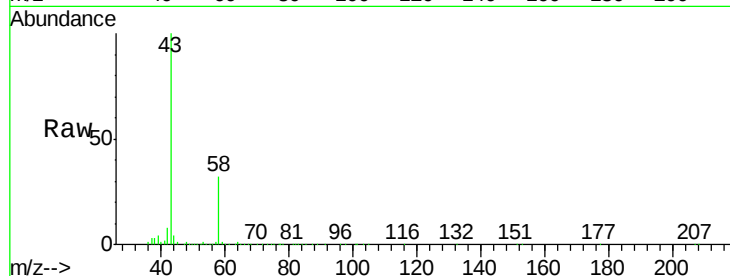
VSTDCCC020EC

Tgt Ion: 58 Resp: 32433

Ion Ratio Lower Upper

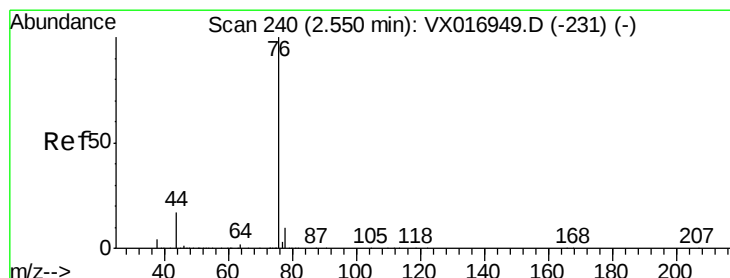
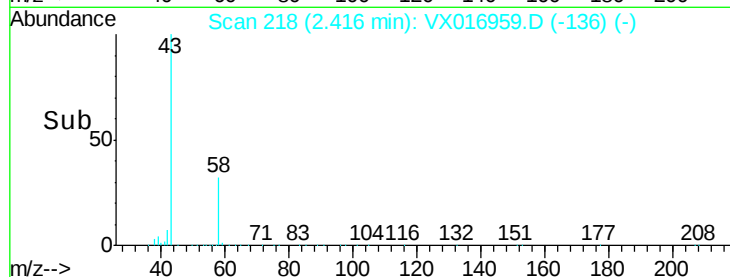
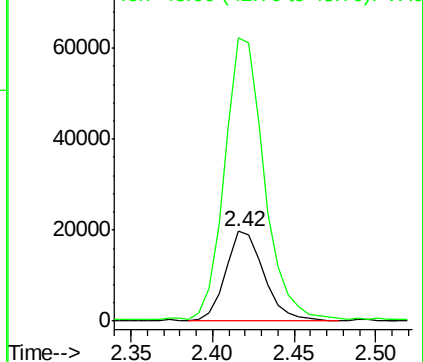
58 100

43 315.3 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.431 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016959.D

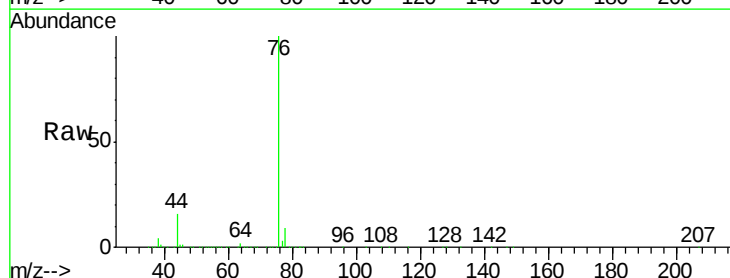
Acq: 25 Jun 2020 17:21

Tgt Ion: 76 Resp: 128433

Ion Ratio Lower Upper

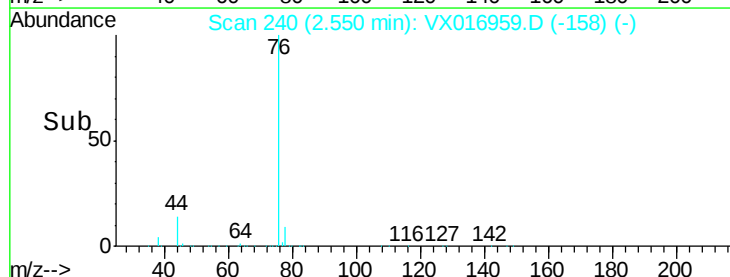
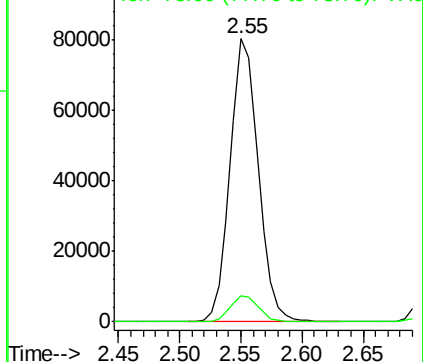
76 100

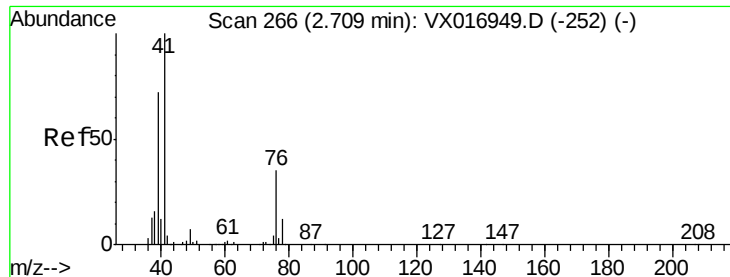
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 18.658 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

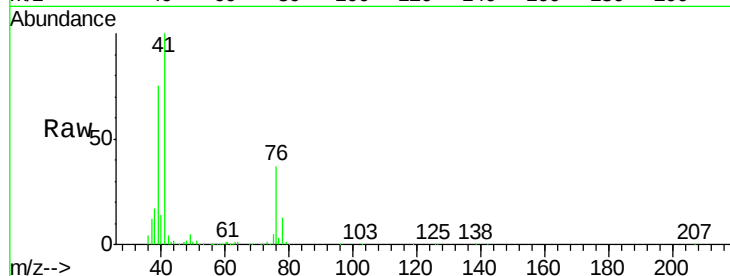
Tgt Ion: 41 Resp: 77422

Ion Ratio Lower Upper

41 100

39 75.4 35.9 107.8

76 36.6 17.6 52.8

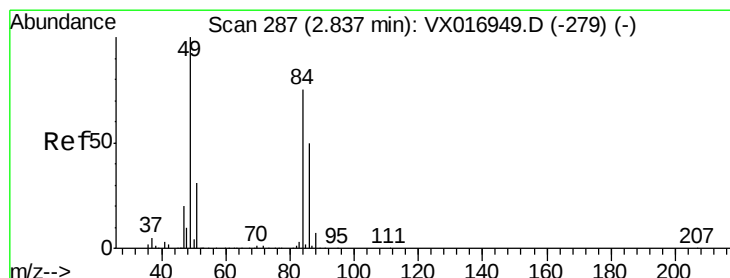
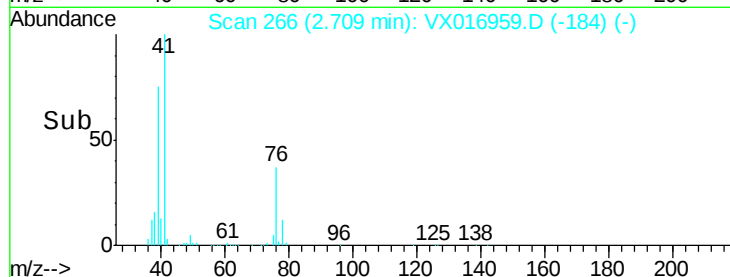
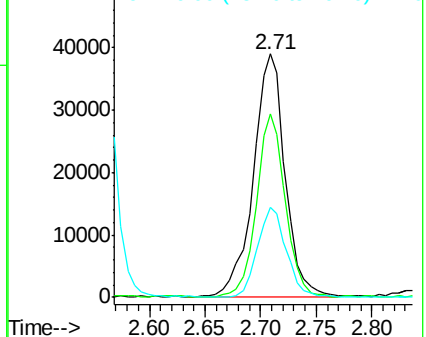


Abundance

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: 18.315 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion: 84 Resp: 48897

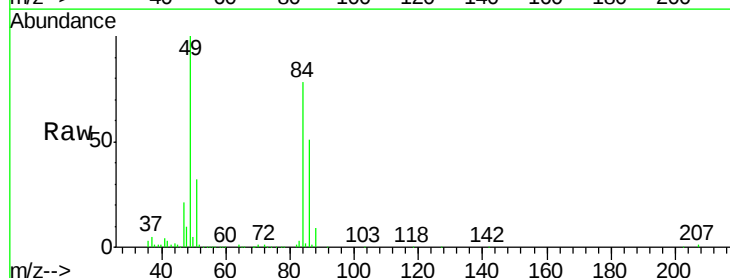
Ion Ratio Lower Upper

84 100

49 127.3 106.6 159.8

51 40.3 32.7 49.1

86 65.2 53.0 79.6



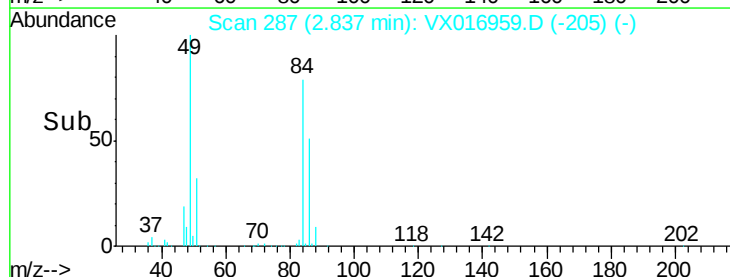
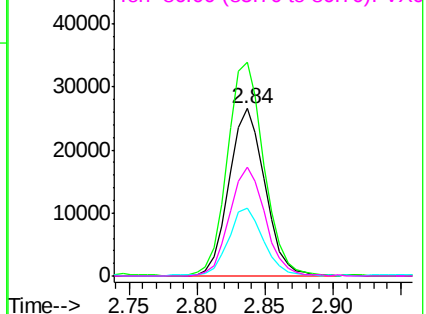
Abundance

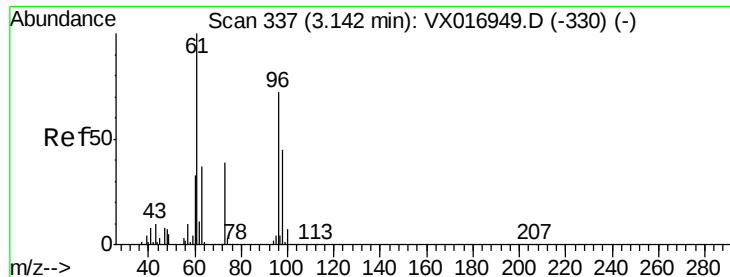
Ion 84.00 (83.70 to 84.70): VX0

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: 17.960 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

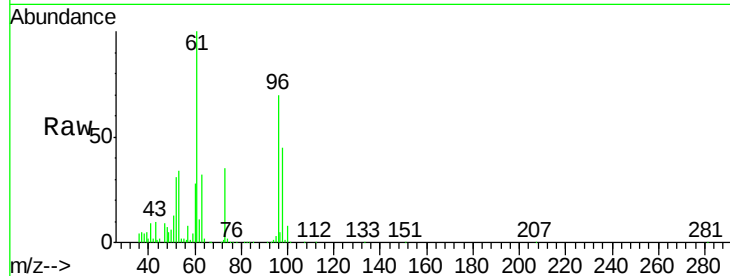
Tgt Ion: 96 Resp: 45107

Ion Ratio Lower Upper

96 100

61 142.4 110.6 165.8

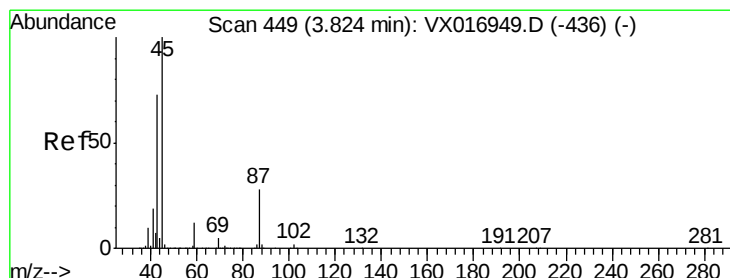
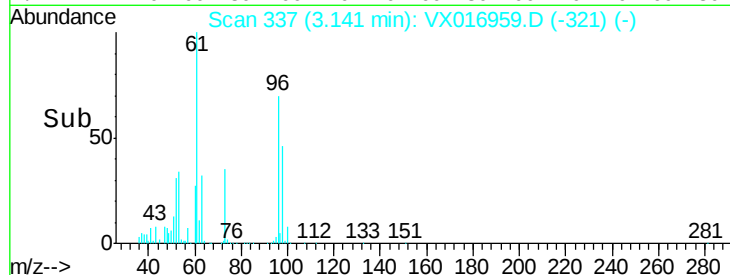
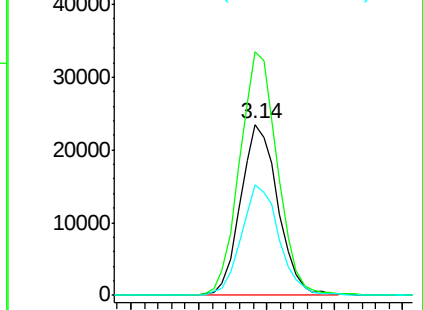
98 64.8 49.8 74.6



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: 18.568 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion: 45 Resp: 153983

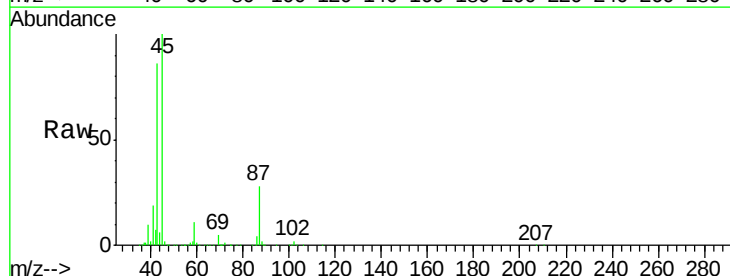
Ion Ratio Lower Upper

45 100

43 84.8 63.9 95.9

87 27.8 22.2 33.4

59 10.9 9.8 14.6

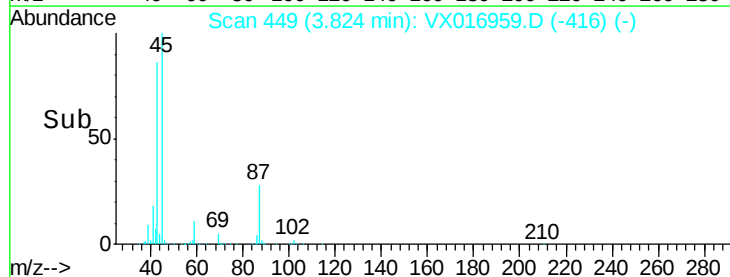
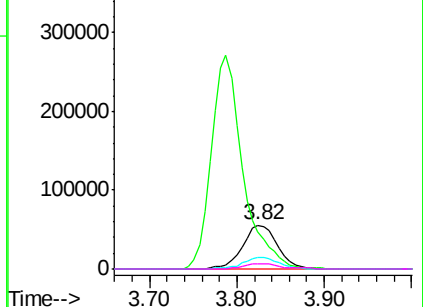


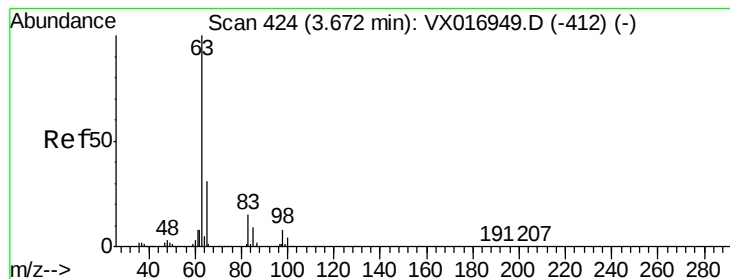
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 18.587 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

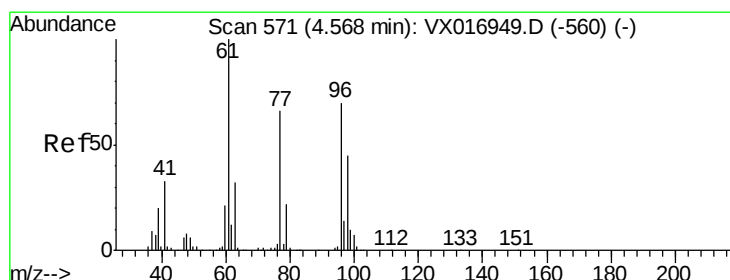
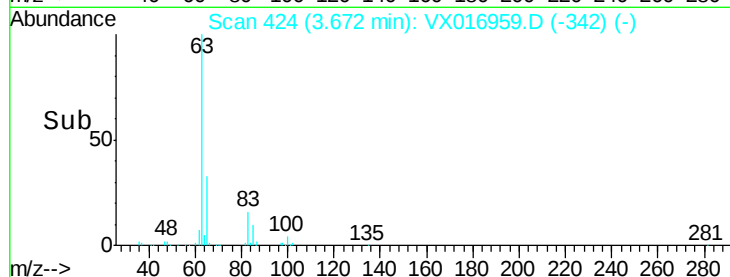
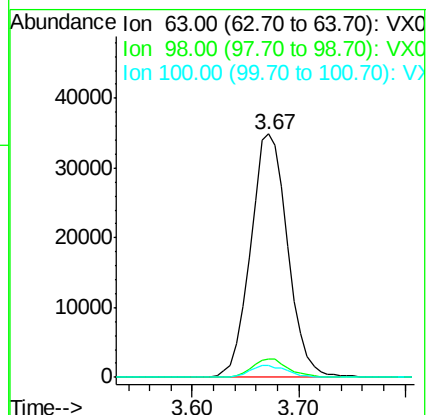
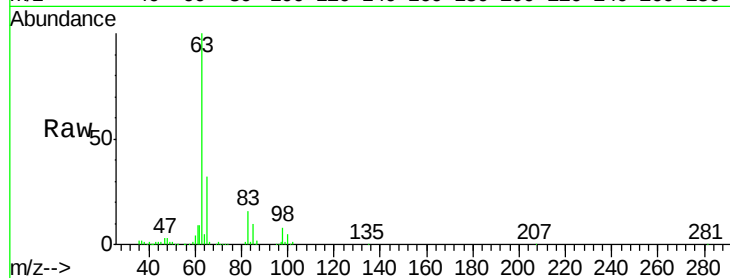
Tgt Ion: 63 Resp: 84991

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.8 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 18.623 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

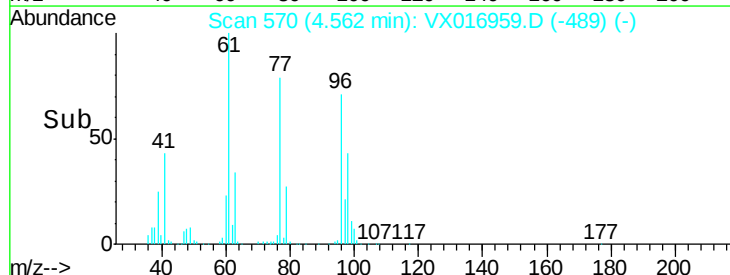
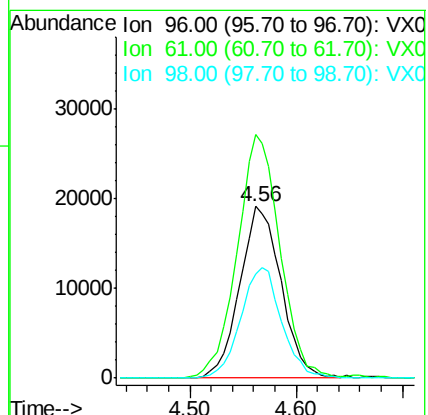
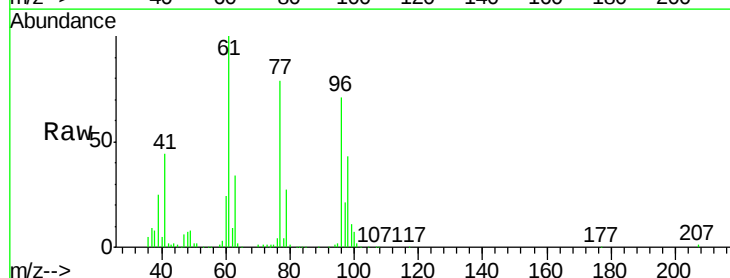
Tgt Ion: 96 Resp: 52075

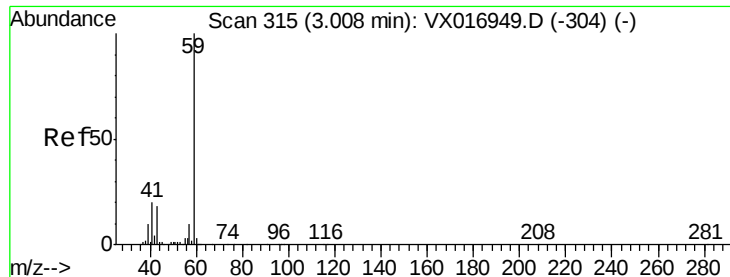
Ion Ratio Lower Upper

96 100

61 146.5 120.8 181.2

98 63.9 51.7 77.5

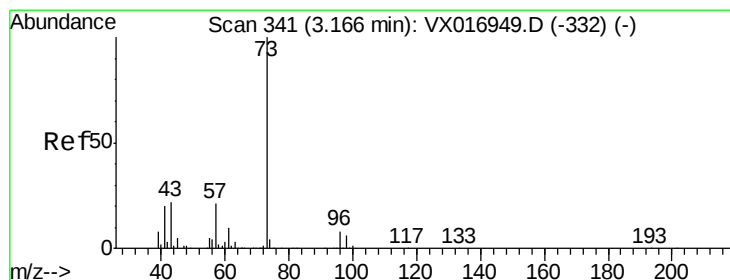
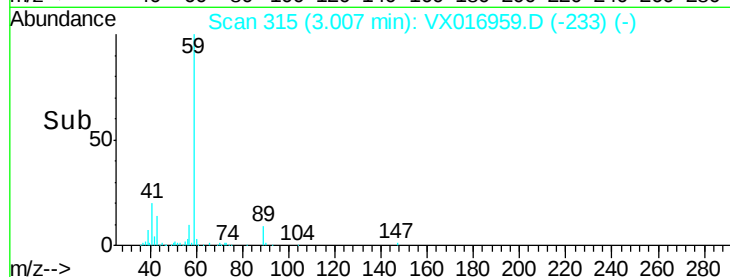
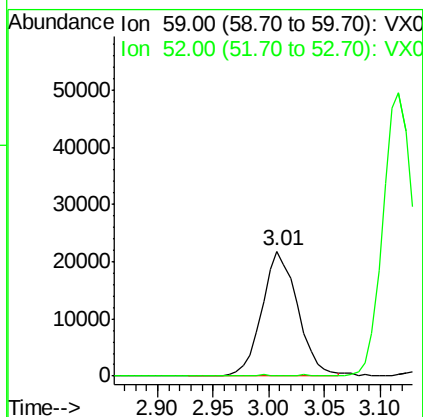
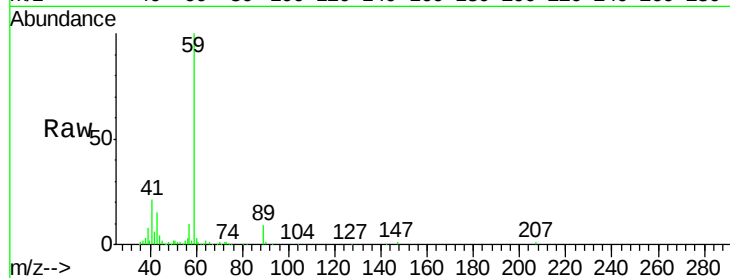




#23
 tert-Butyl Alcohol
 Concen: 83.588 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

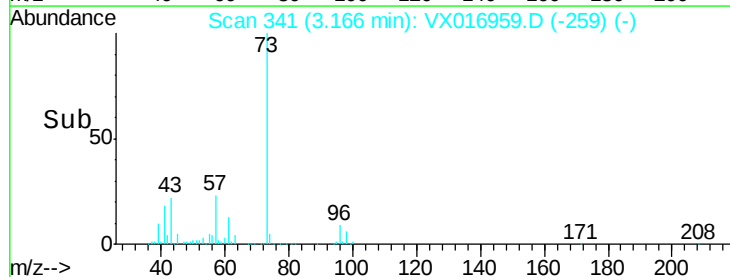
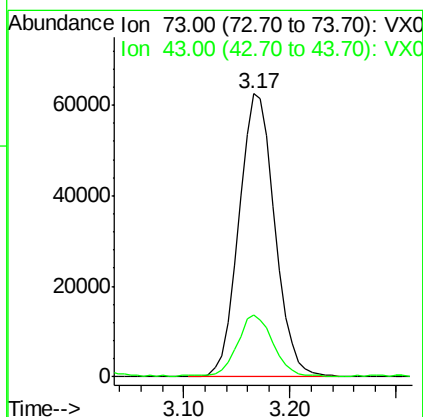
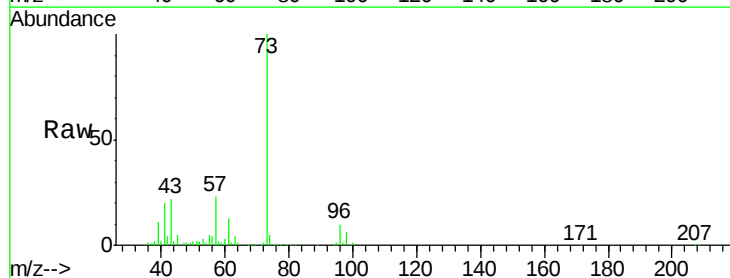
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

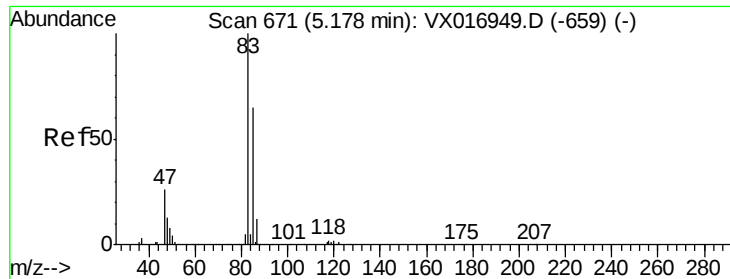
Tgt Ion: 59 Resp: 49034
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1



#24
 Methyl tert-Butyl Ether
 Concen: 18.641 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 73 Resp: 147540
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.2 25.8





#25

Chloroform

Concen: 18.486 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

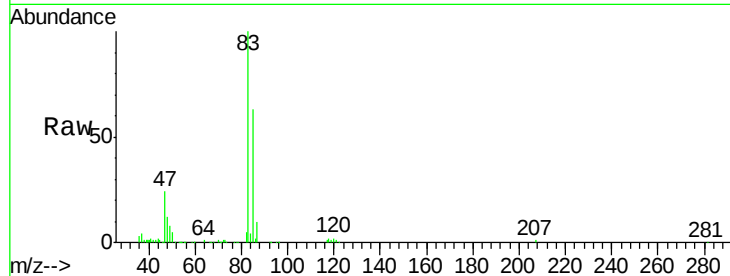
VSTDCCC020EC

Tgt Ion: 83 Resp: 85703

Ion Ratio Lower Upper

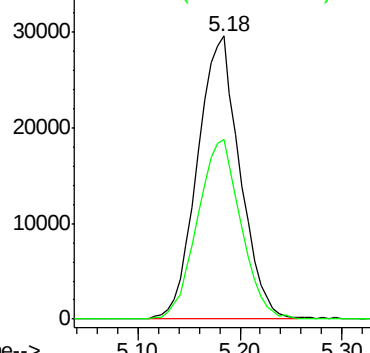
83 100

85 63.2 52.1 78.1

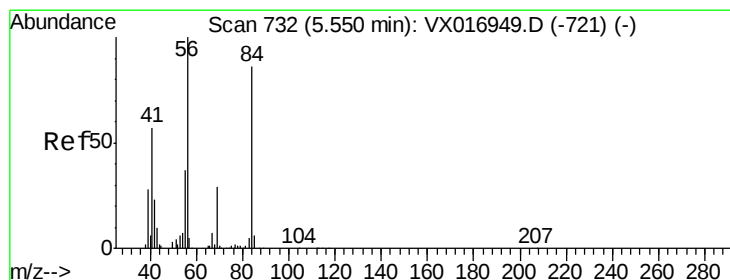
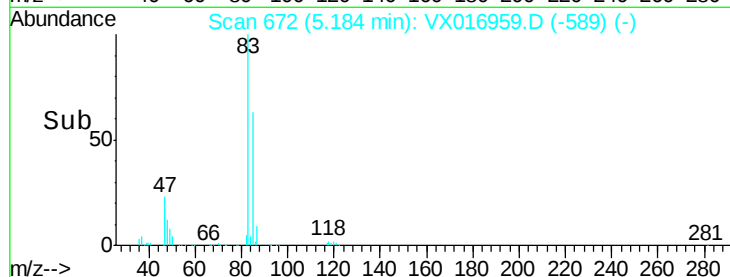


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#26

Cyclohexane

Concen: 18.182 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

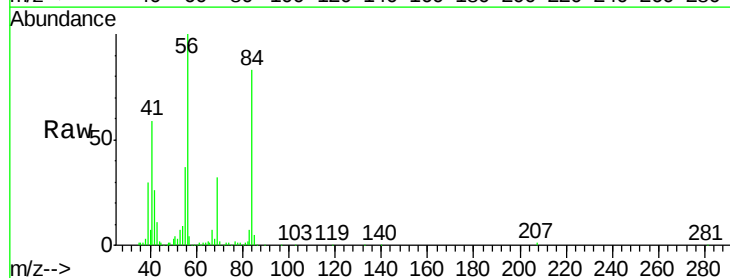
Tgt Ion: 56 Resp: 72525

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

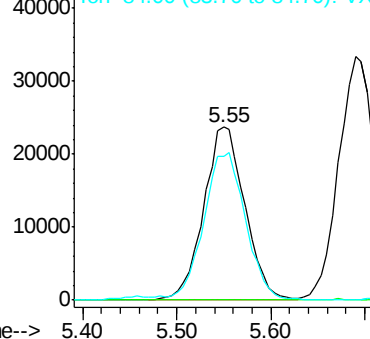
84 86.6 69.0 103.6



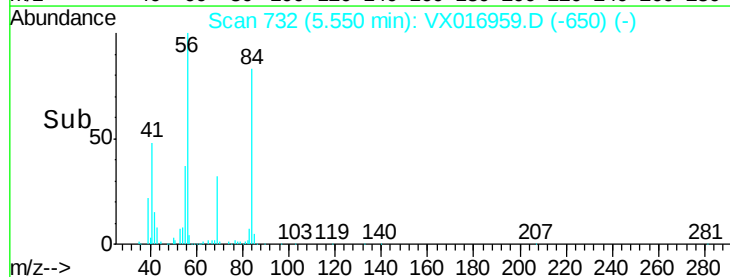
Abundance Ion 56.00 (55.70 to 56.70): VX0

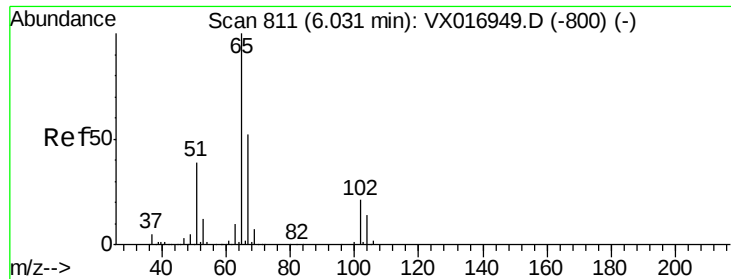
Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->





#27

1,2-Dichloroethane-d4

Concen: 28.972 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

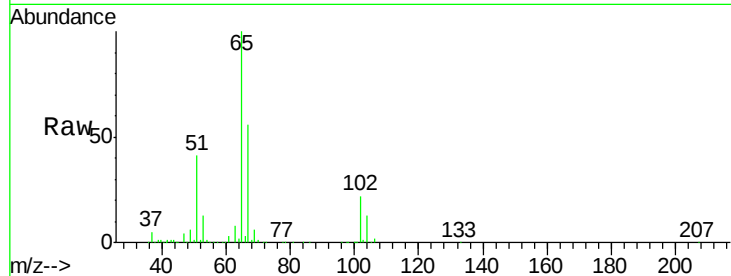
VSTDCCC020EC

Tgt Ion: 65 Resp: 87315

Ion Ratio Lower Upper

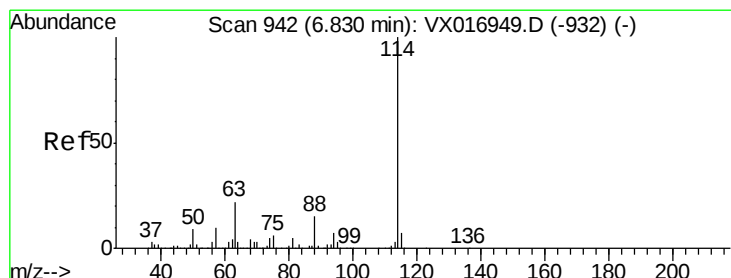
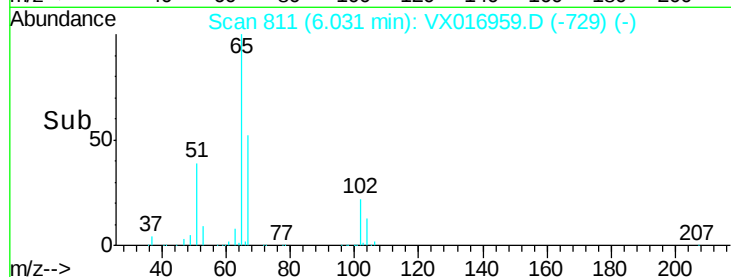
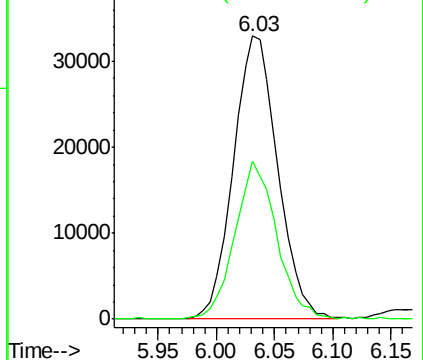
65 100

67 52.5 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

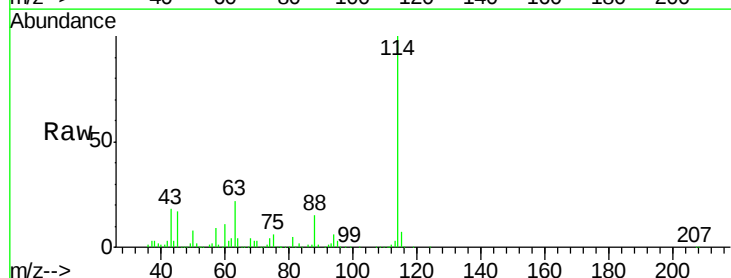
Tgt Ion: 114 Resp: 212591

Ion Ratio Lower Upper

114 100

63 21.5 17.4 26.2

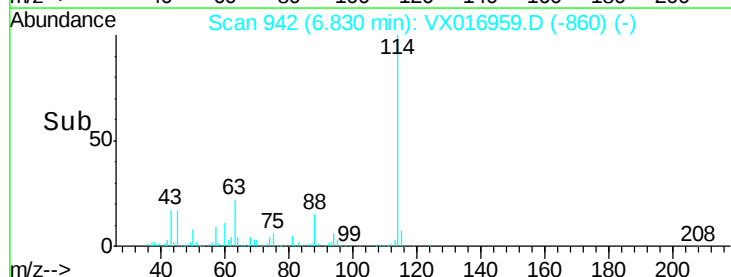
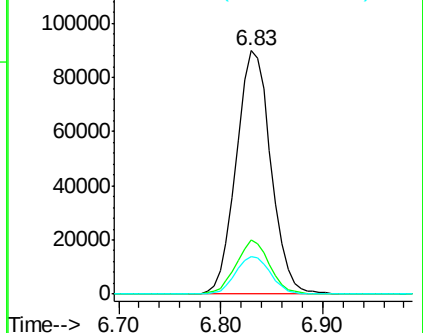
88 15.5 13.0 19.6

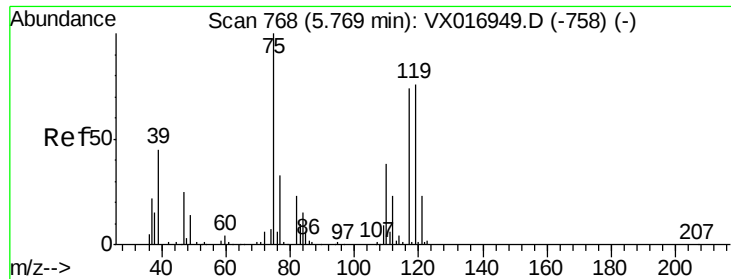


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

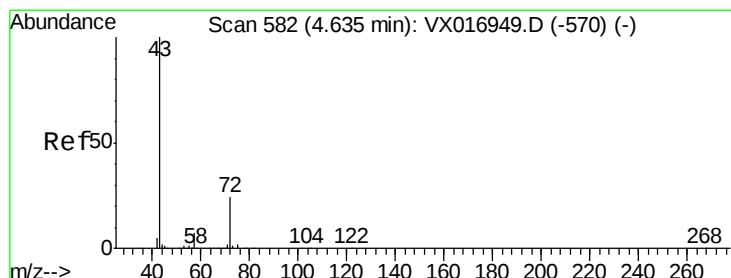
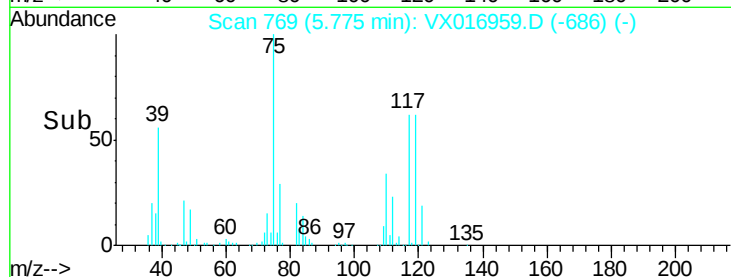
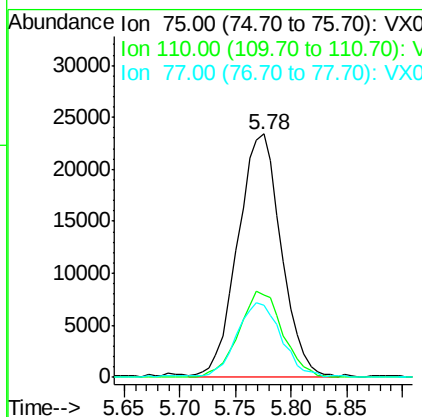
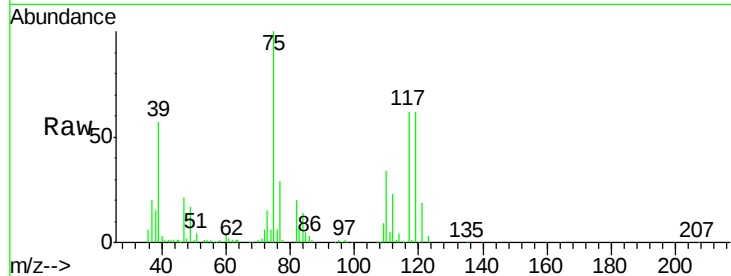




#29
 1,1-Dichloropropene
 Concen: 18.304 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

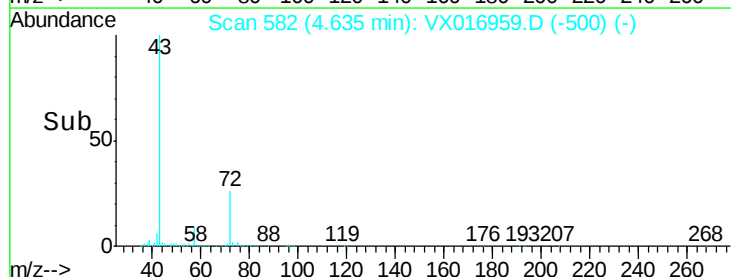
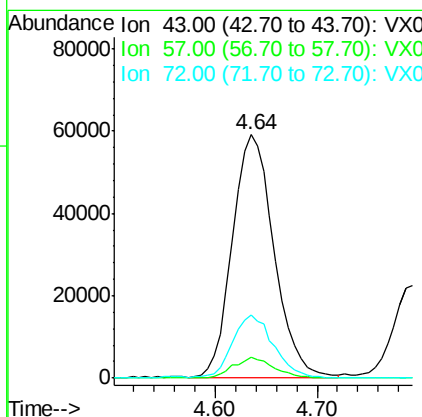
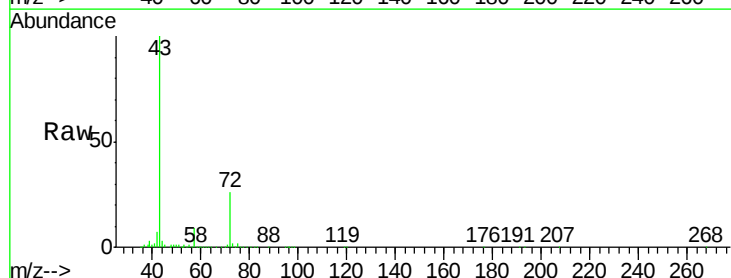
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

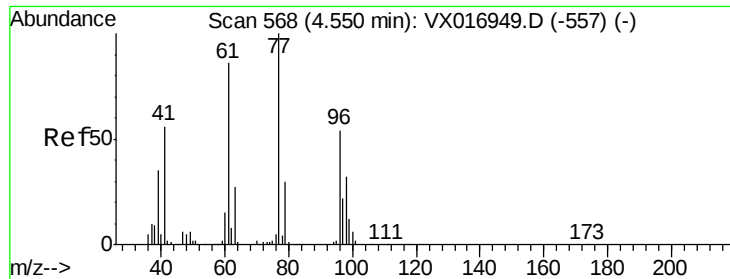
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.6
77	31.4	0.0	64.0



#30
 2-Butanone
 Concen: 92.123 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.4
72	25.7	20.6	31.0





#31

2,2-Dichloropropane

Concen: 18.058 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

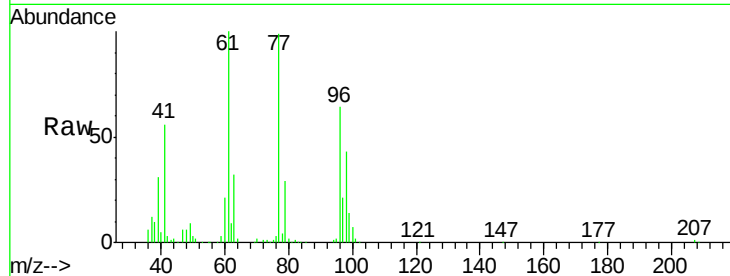
VSTDCCC020EC

Tgt Ion: 77 Resp: 71722

Ion Ratio Lower Upper

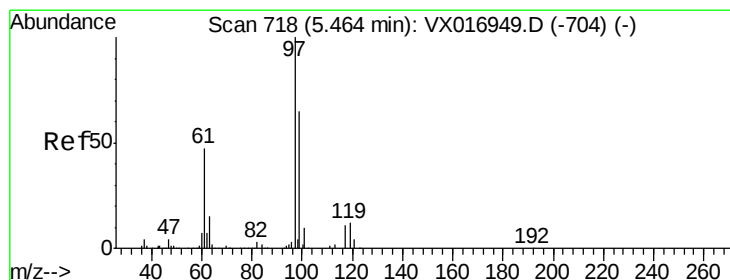
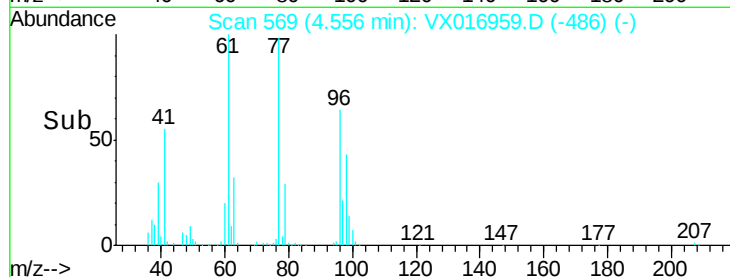
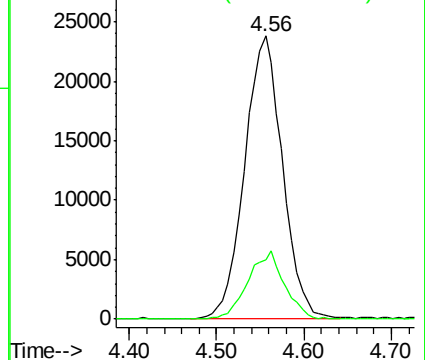
77 100

97 23.3 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.460 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

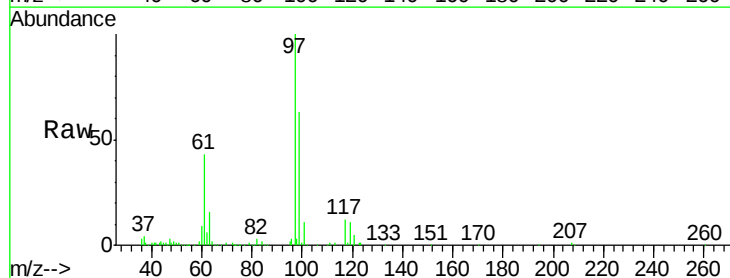
Tgt Ion: 97 Resp: 77357

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

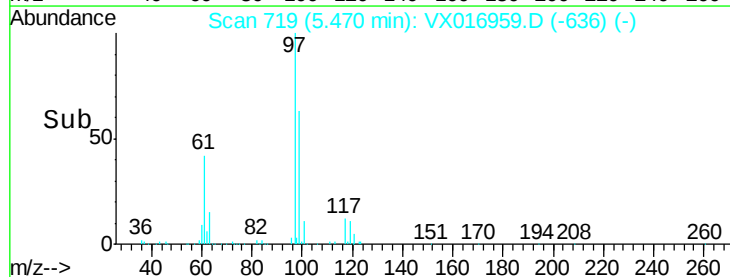
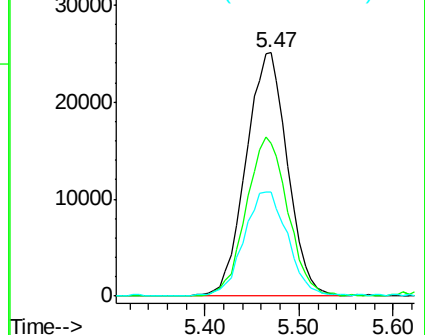
61 44.0 36.9 55.3

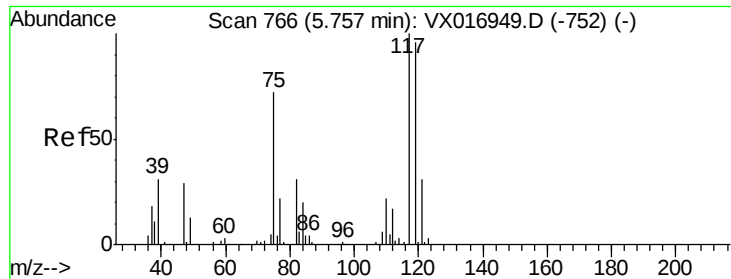


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.150 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

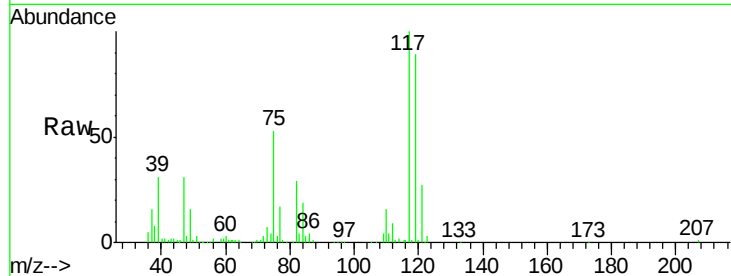
Tgt Ion:117 Resp: 67450

Ion Ratio Lower Upper

117 100

119 88.7 77.0 115.4

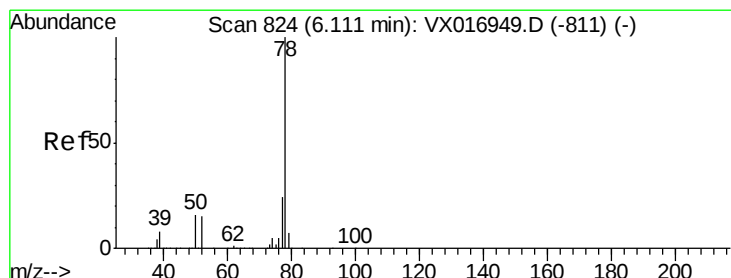
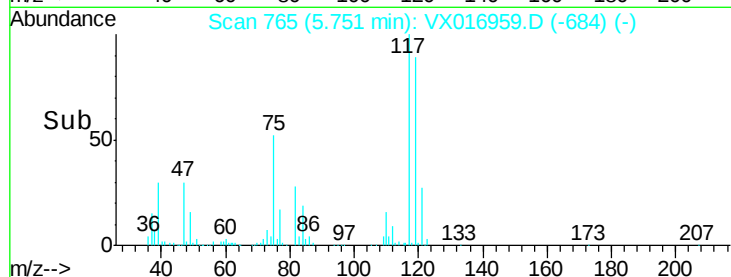
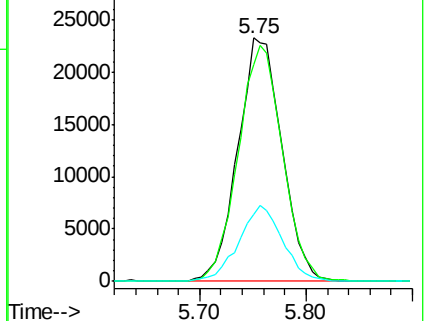
121 27.4 25.0 37.4



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: 18.664 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

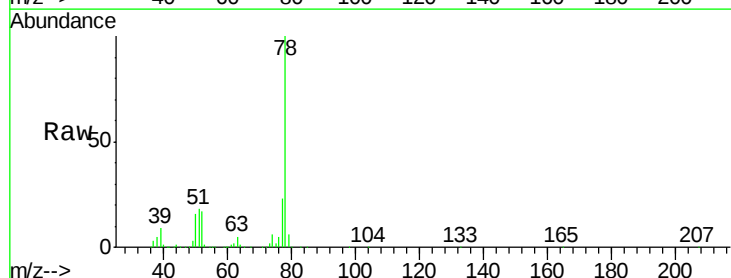
Tgt Ion: 78 Resp: 188208

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

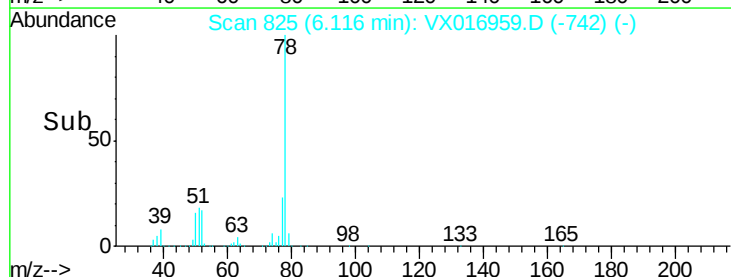
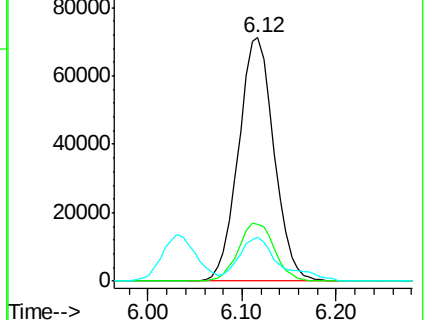
51 17.5 12.8 19.2

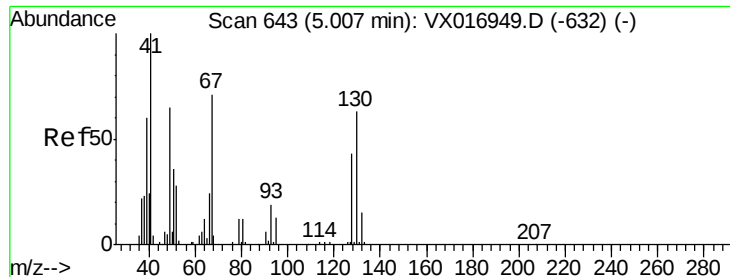


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

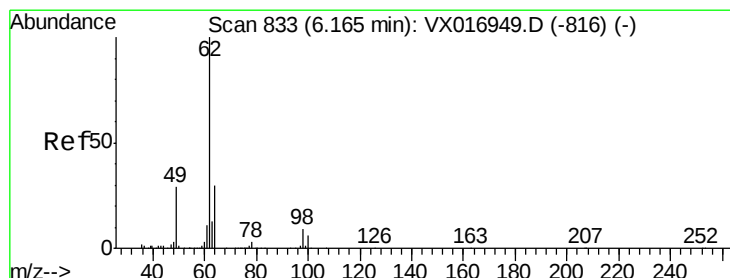
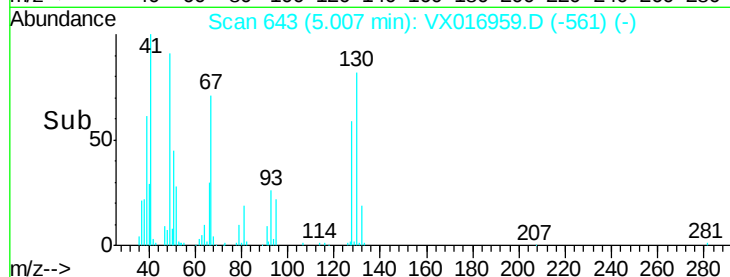
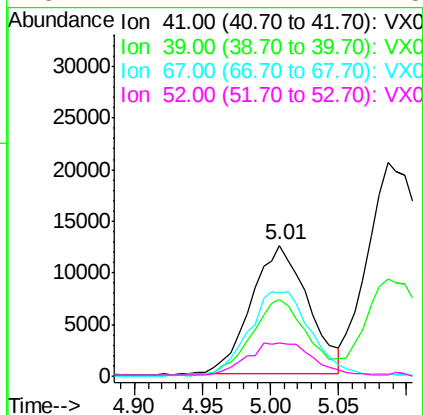
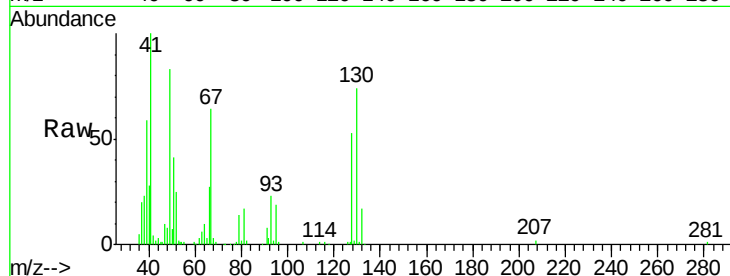




#35
Methacrylonitrile
Concen: 18.342 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

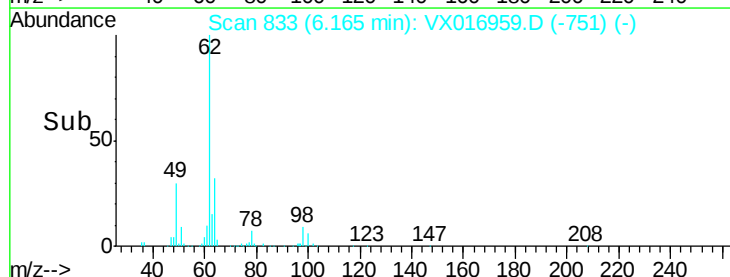
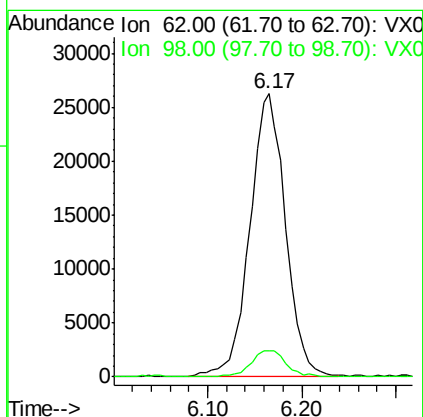
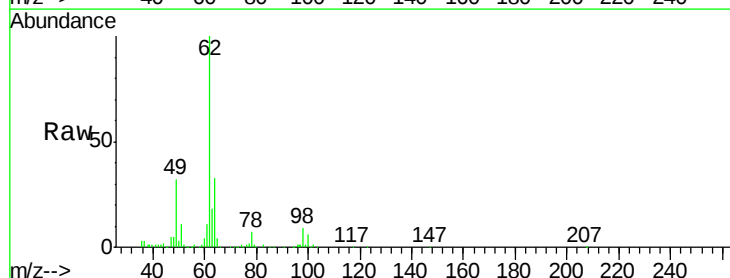
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

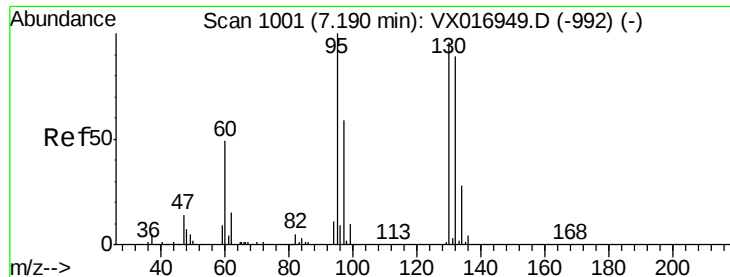
Tgt Ion:	41	Resp:	36542
Ion	Ratio	Lower	Upper
41	100		
39	58.1	29.8	89.5
67	64.3	35.3	105.9
52	24.7	14.1	42.3



#36
1,2-Dichloroethane
Concen: 17.886 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion:	62	Resp:	69075
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.6	11.4

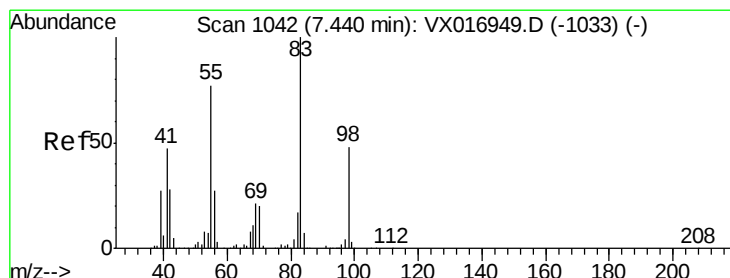
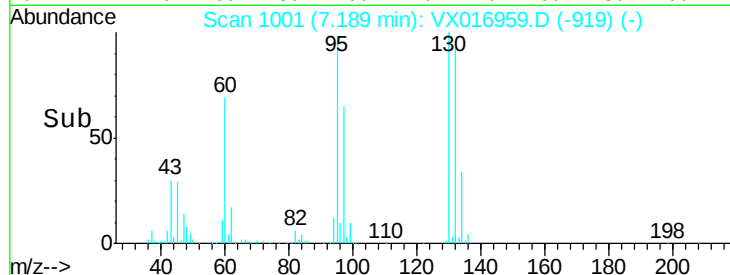
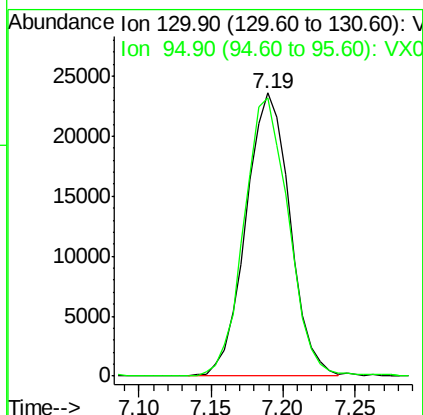
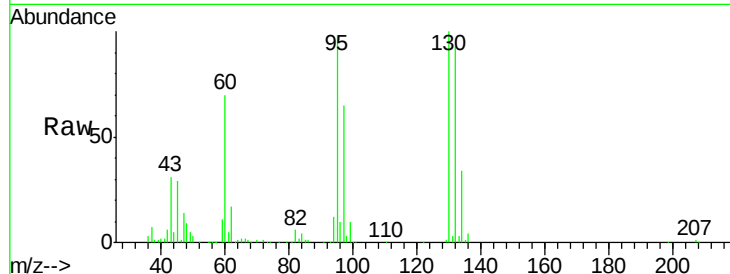




#37
 Trichloroethene
 Concen: 18.120 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

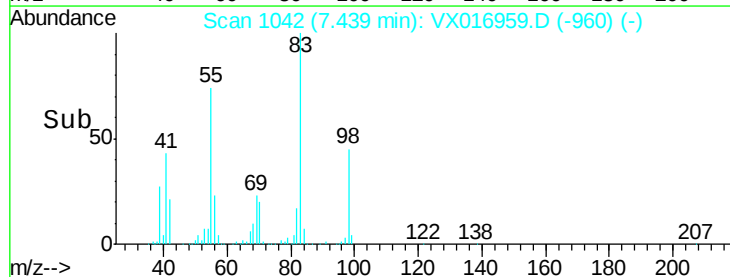
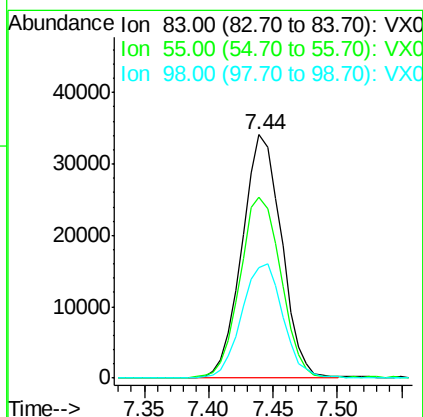
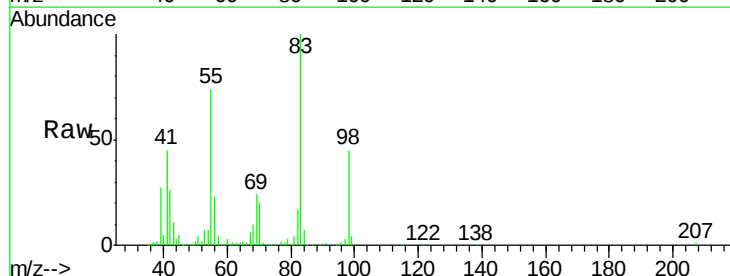
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

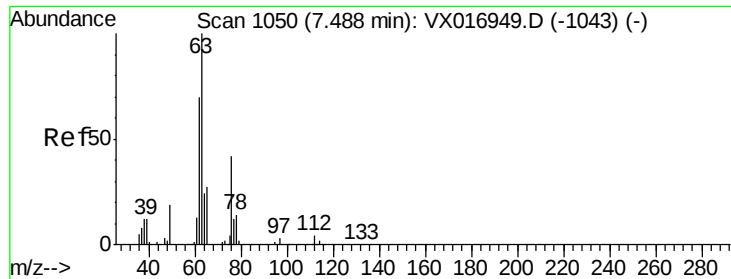
Tgt Ion:130 Resp: 49858
 Ion Ratio Lower Upper
 130 100
 95 97.9 83.1 124.7



#38
 Methylcyclohexane
 Concen: 18.409 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 83 Resp: 72603
 Ion Ratio Lower Upper
 83 100
 55 77.6 38.1 114.5
 98 48.7 24.6 73.6

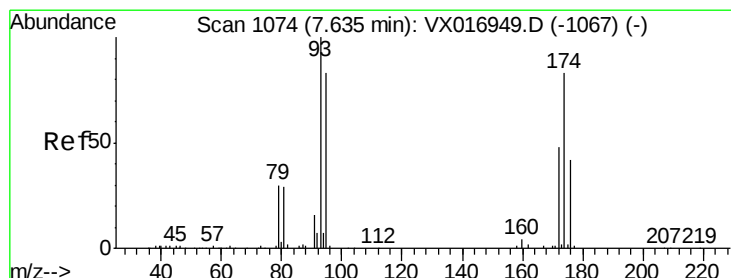
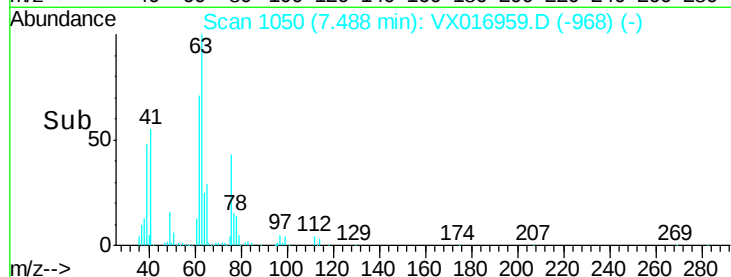
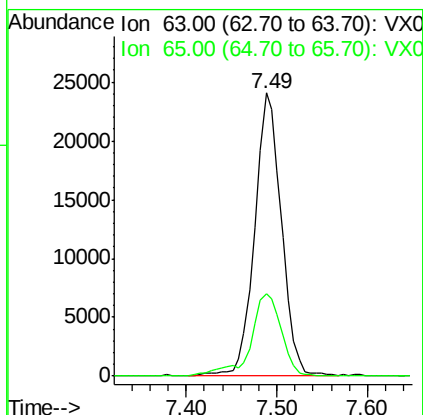
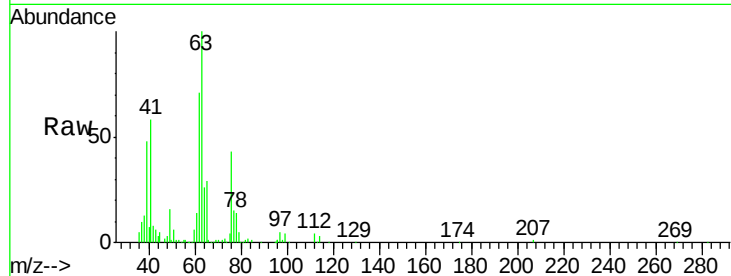




#39
 1,2-Dichloropropane
 Concen: 18.760 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

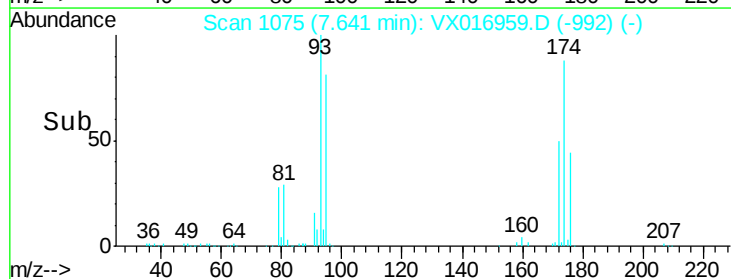
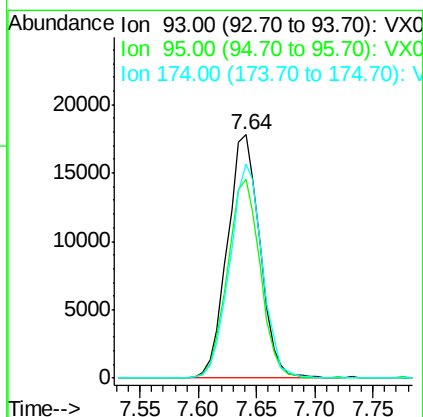
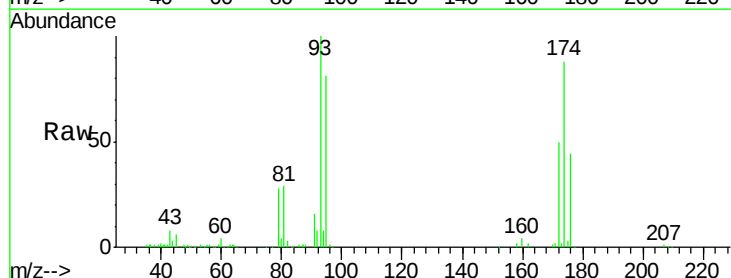
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

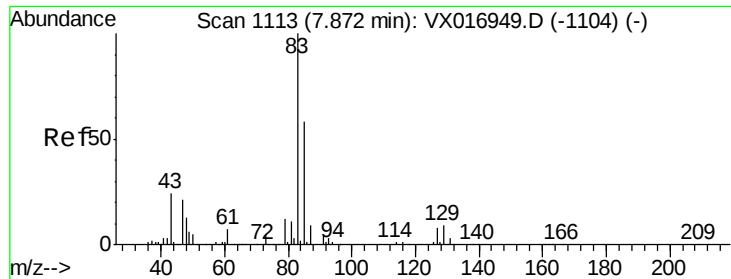
Tgt Ion: 63 Resp: 49285
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.8 34.2



#40
 Dibromomethane
 Concen: 19.174 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 93 Resp: 34717
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 165.4
 174 87.4 0.0 192.0





#41

Bromodichloromethane

Concen: 18.577 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

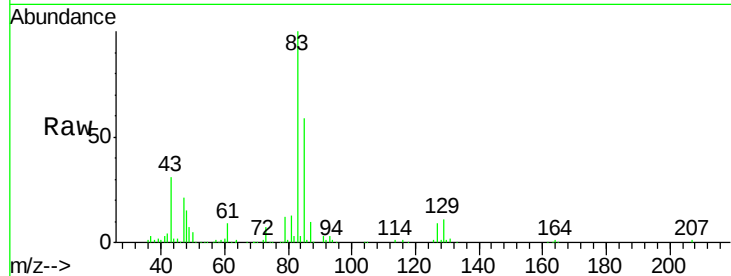
Tgt Ion: 83 Resp: 69650

Ion Ratio Lower Upper

83 100

85 58.8 46.7 70.1

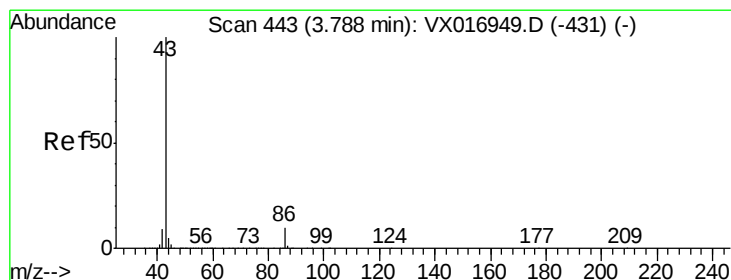
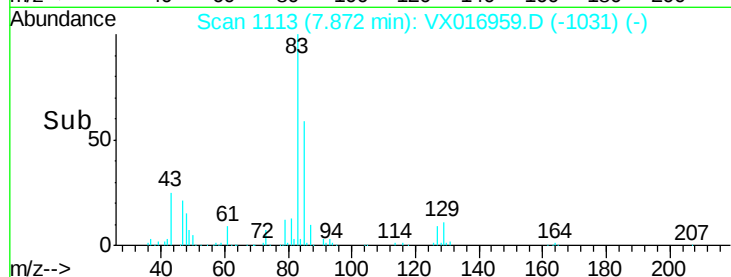
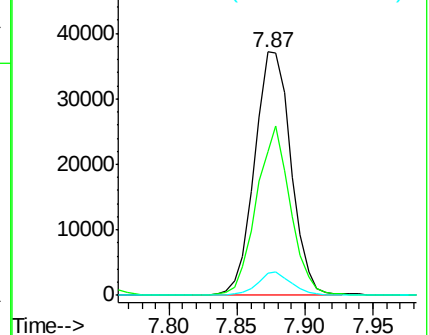
127 8.9 6.5 9.7



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: 93.586 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016959.D

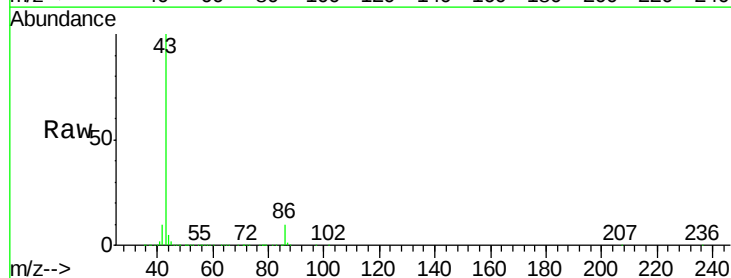
Acq: 25 Jun 2020 17:21

Tgt Ion: 43 Resp: 680783

Ion Ratio Lower Upper

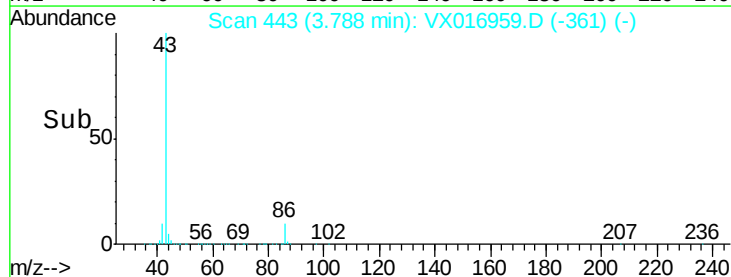
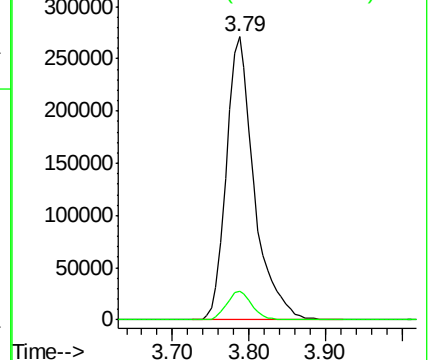
43 100

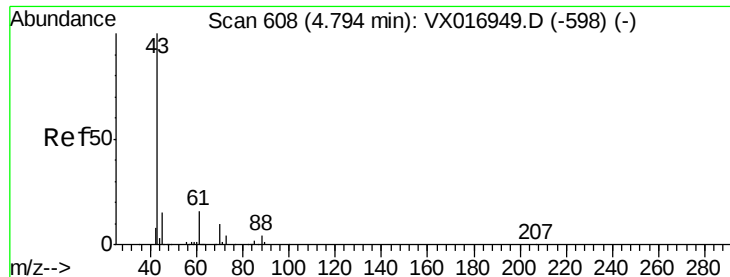
86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.740 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

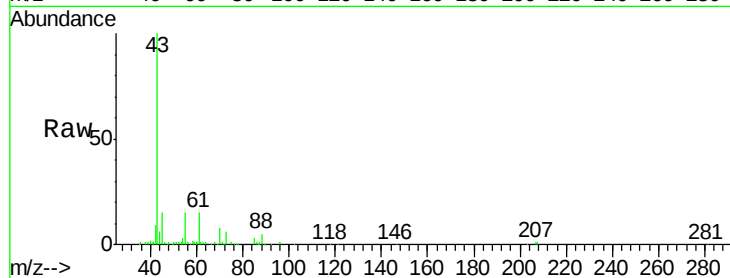
VSTDCCC020EC

Tgt Ion: 43 Resp: 70073

Ion Ratio Lower Upper

43 100

45 14.4 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

25000

20000

15000

10000

5000

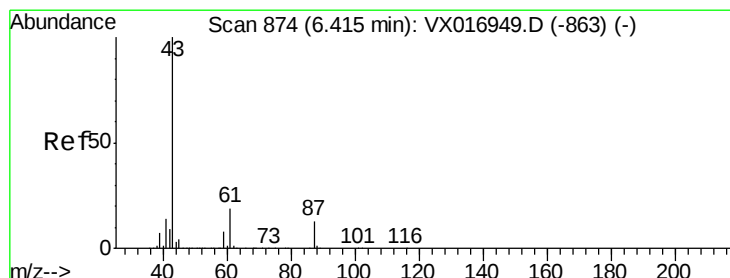
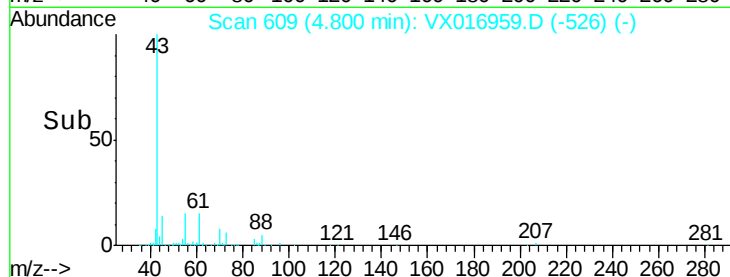
0

4.70

4.80

4.90

Time-->



#44

Isopropyl Acetate

Concen: 18.445 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016959.D

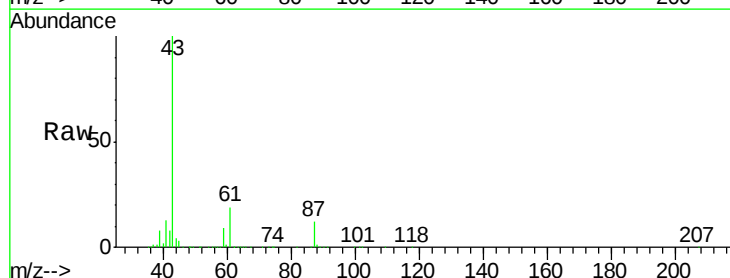
Acq: 25 Jun 2020 17:21

Tgt Ion: 43 Resp: 113685

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

20000

10000

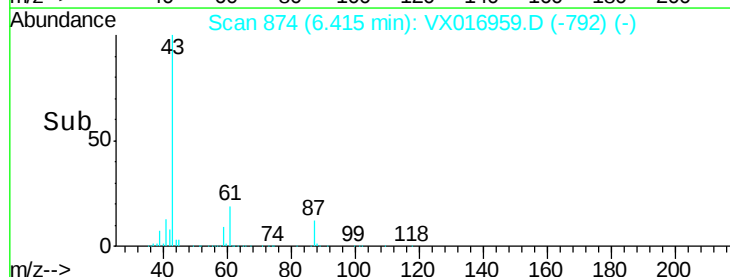
0

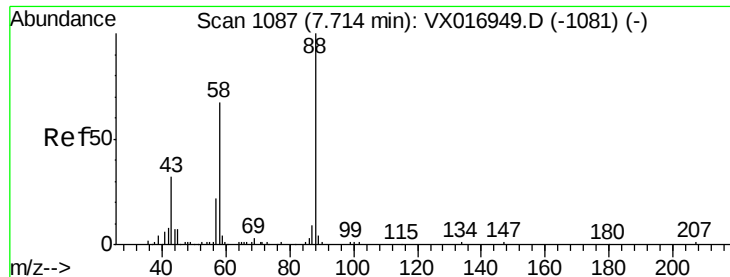
6.30

6.40

6.50

Time-->





#45

1,4-Dioxane

Concen: 294.685 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

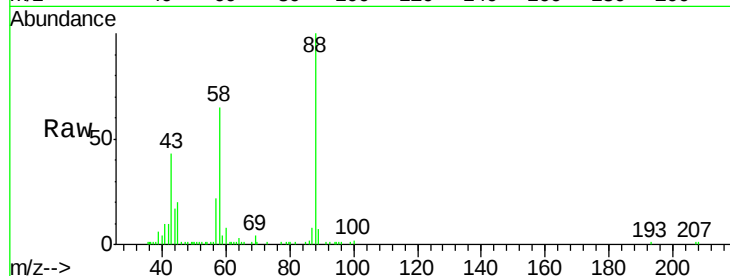
Tgt Ion: 88 Resp: 18323

Ion Ratio Lower Upper

88 100

43 39.9 28.9 43.3

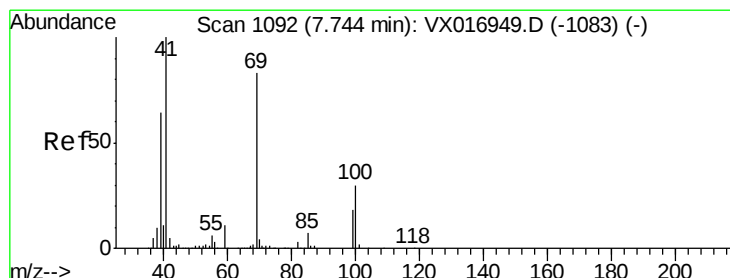
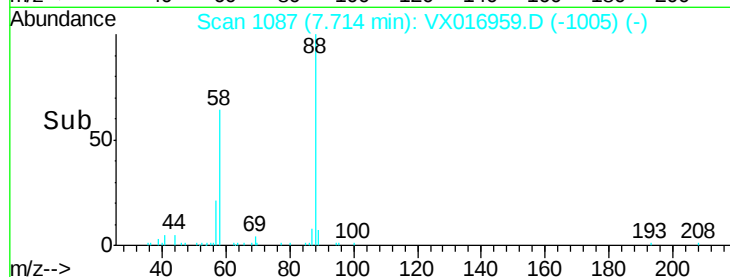
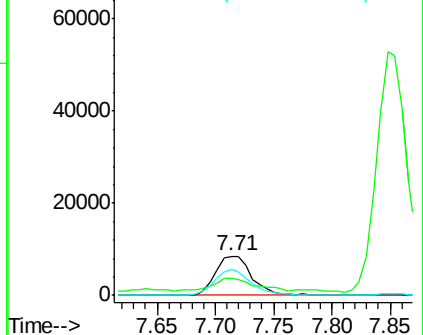
58 65.9 56.7 85.1



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: 19.043 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

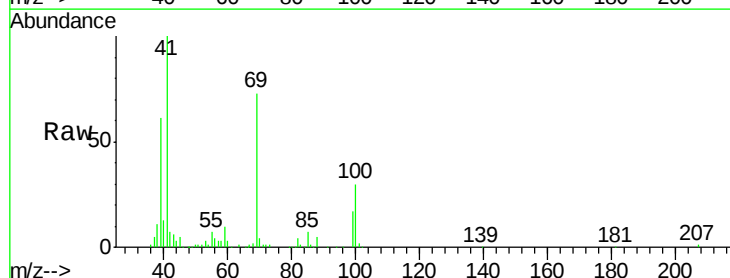
Tgt Ion: 41 Resp: 54314

Ion Ratio Lower Upper

41 100

69 72.9 41.3 123.9

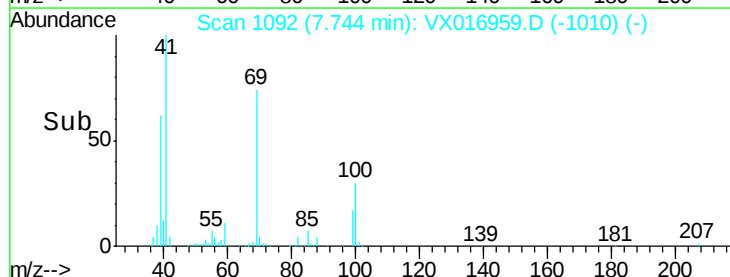
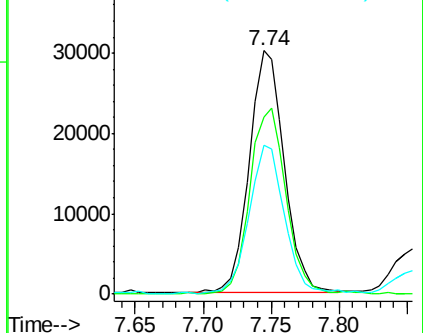
39 61.2 32.0 96.2

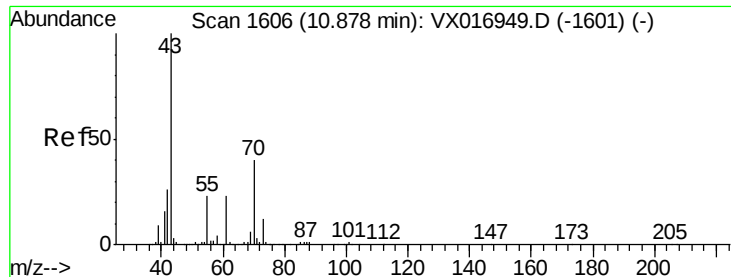


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

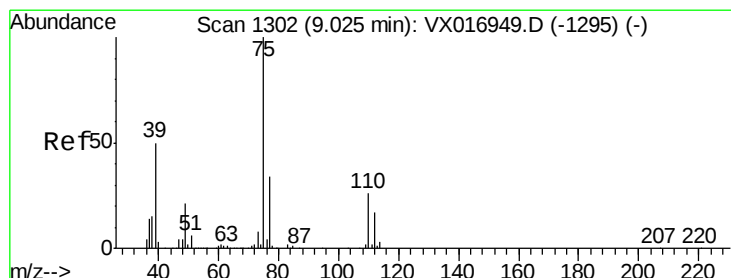
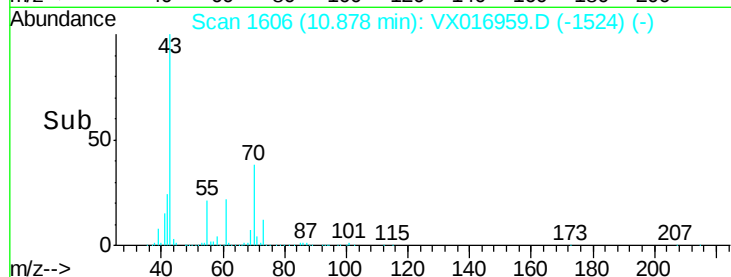
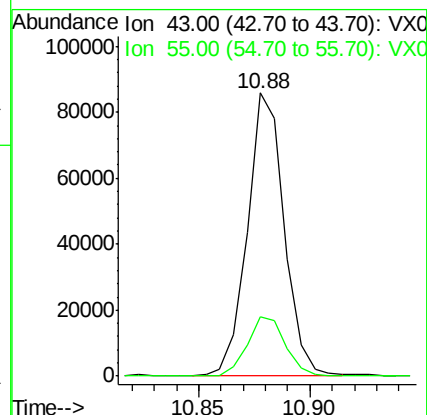
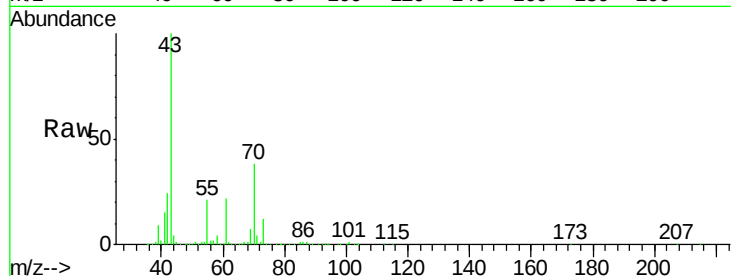




#47
n-amy1 Acetate
Concen: 18.002 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

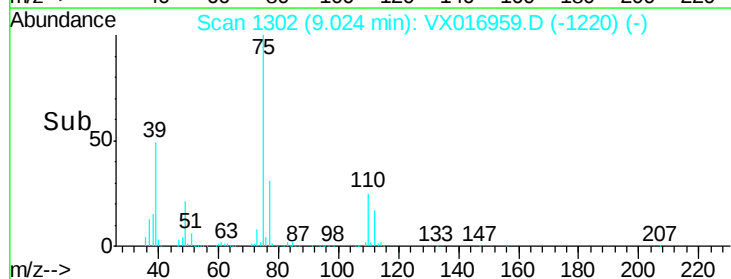
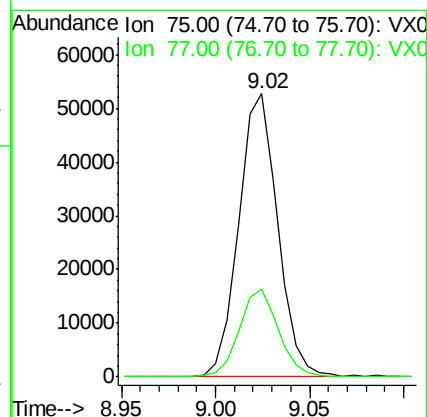
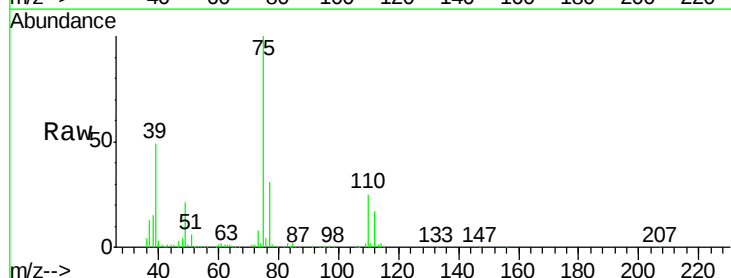
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

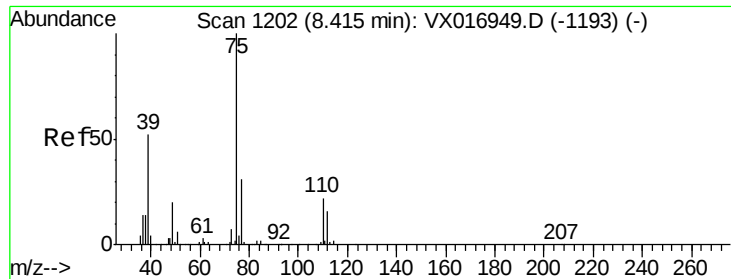
Tgt Ion: 43 Resp: 98070
Ion Ratio Lower Upper
43 100
55 21.9 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 18.187 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 75 Resp: 75395
Ion Ratio Lower Upper
75 100
77 30.9 27.0 40.4

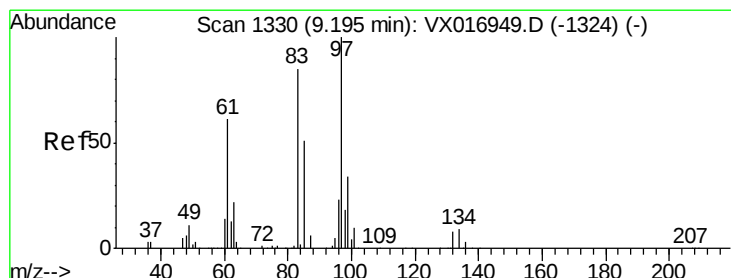
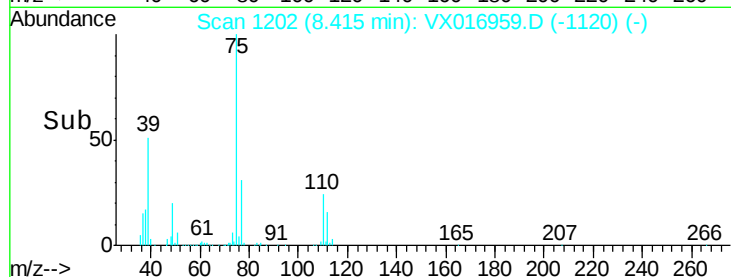
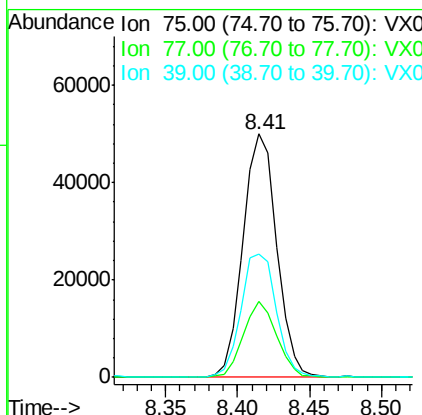
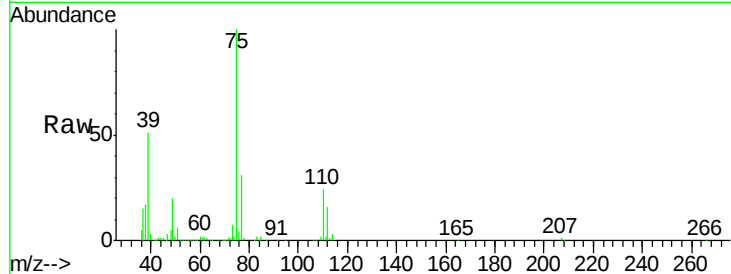




#49
 cis-1,3-Dichloropropene
 Concen: 18.635 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

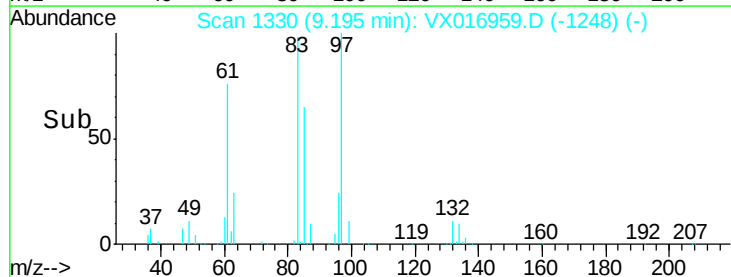
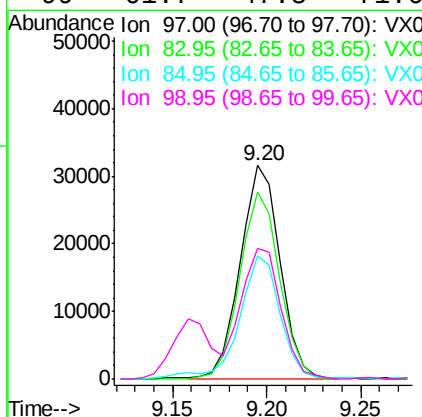
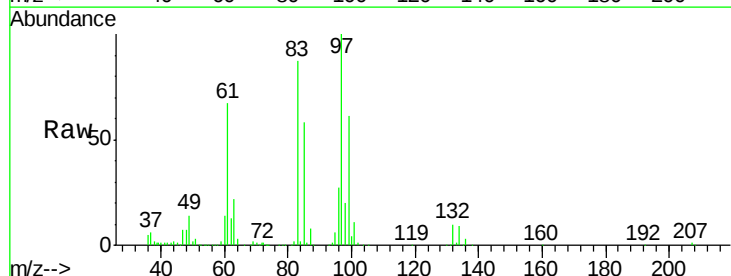
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

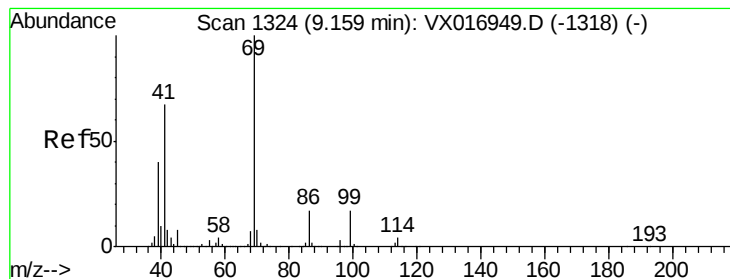
Tgt Ion: 75 Resp: 81190
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 50.7 41.8 62.6



#50
 1,1,2-Trichloroethane
 Concen: 18.329 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 97 Resp: 46317
 Ion Ratio Lower Upper
 97 100
 83 87.5 67.4 101.0
 85 57.3 42.9 64.3
 99 61.7 47.8 71.6





#51

Ethyl methacrylate

Concen: 18.330 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

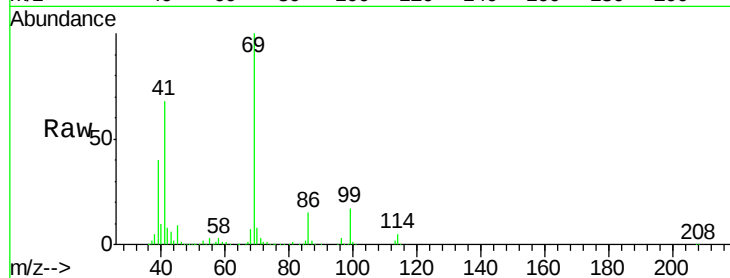
Tgt Ion: 69 Resp: 71083

Ion Ratio Lower Upper

69 100

41 68.0 33.7 101.1

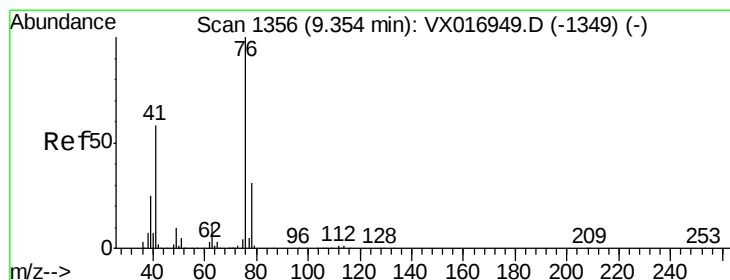
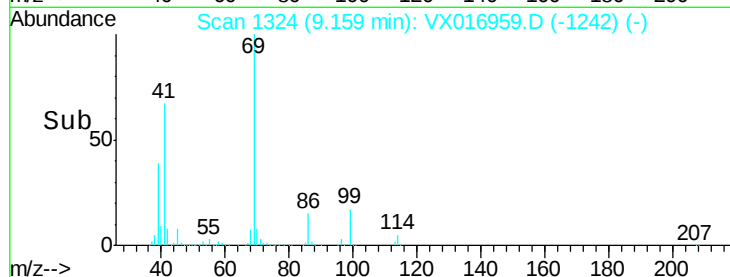
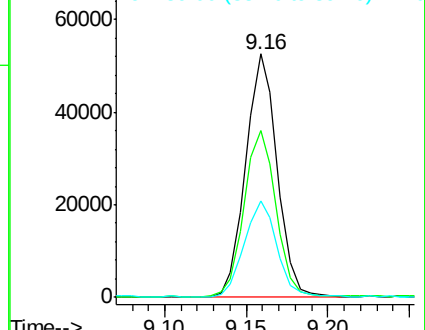
39 39.3 19.9 59.7



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: 18.870 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016959.D

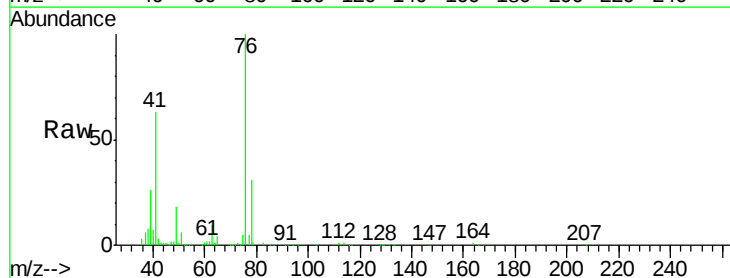
Acq: 25 Jun 2020 17:21

Tgt Ion: 76 Resp: 81866

Ion Ratio Lower Upper

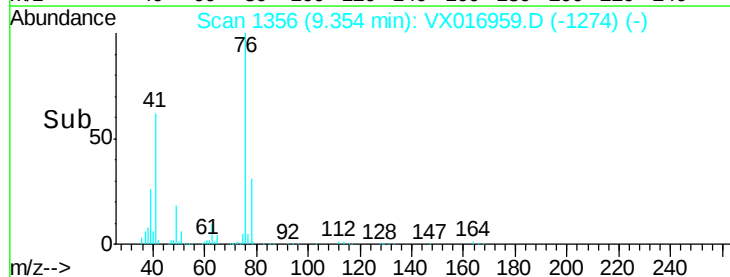
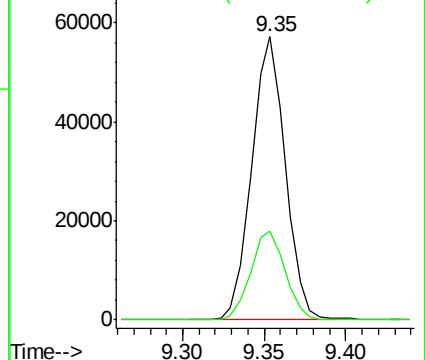
76 100

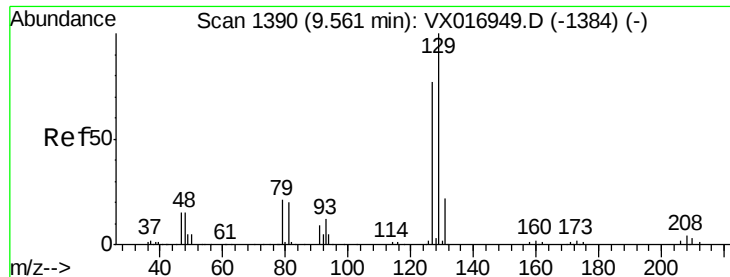
78 32.2 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.330 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

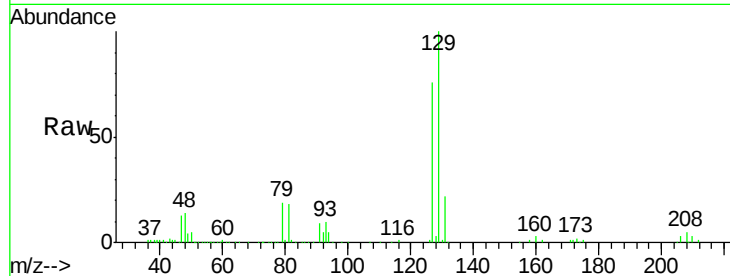
VSTDCCC020EC

Tgt Ion:129 Resp: 53239

Ion Ratio Lower Upper

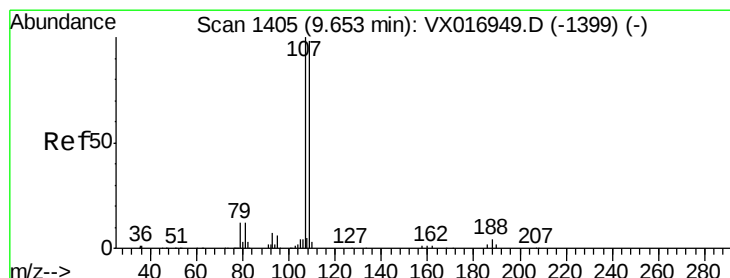
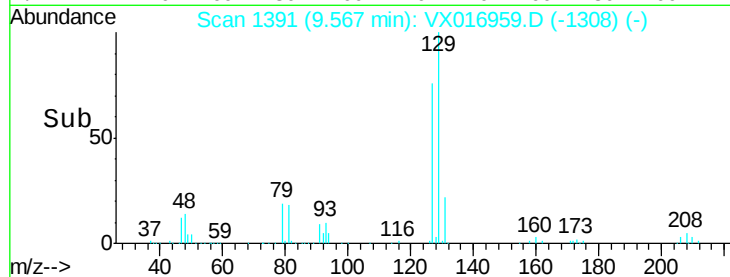
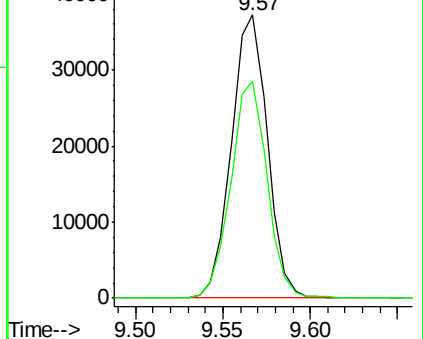
129 100

127 76.8 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: 18.530 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016959.D

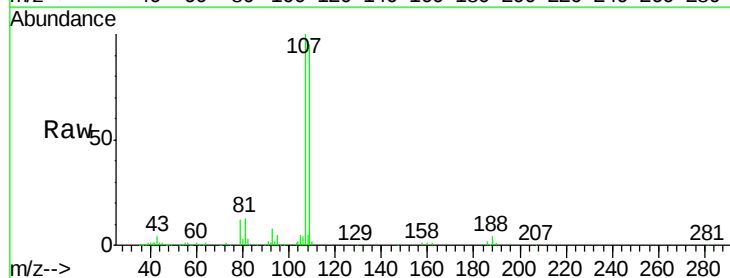
Acq: 25 Jun 2020 17:21

Tgt Ion:107 Resp: 49686

Ion Ratio Lower Upper

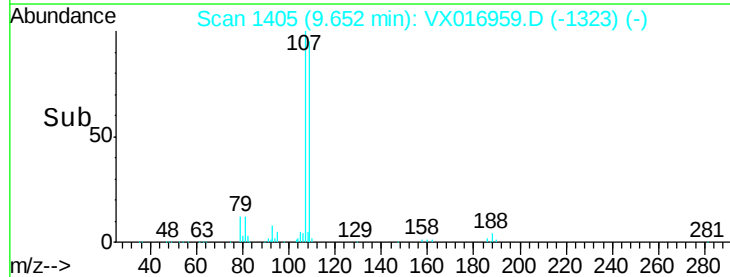
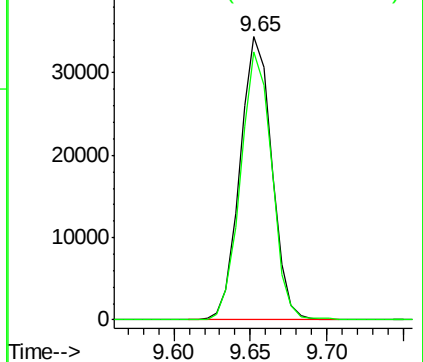
107 100

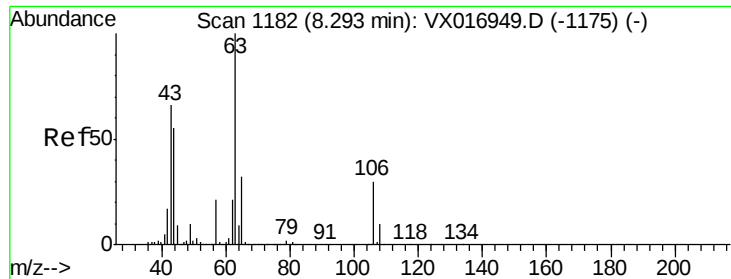
109 92.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

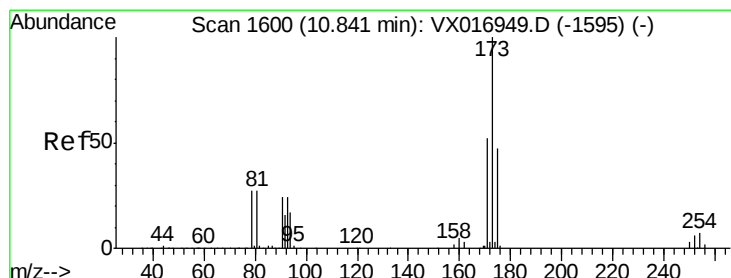
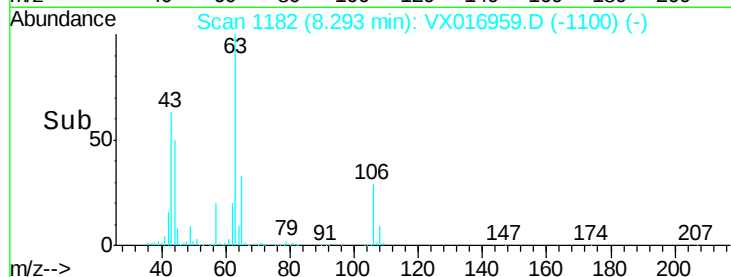
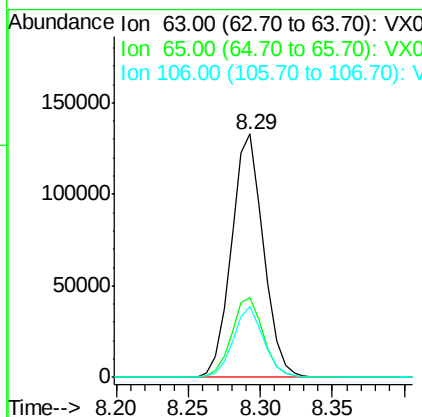
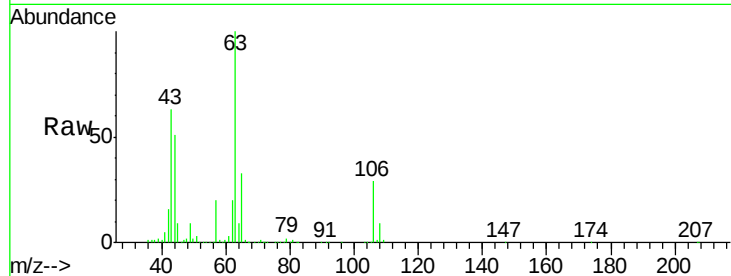




#55
2-Chloroethyl vinyl ether
Concen: 100.687 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

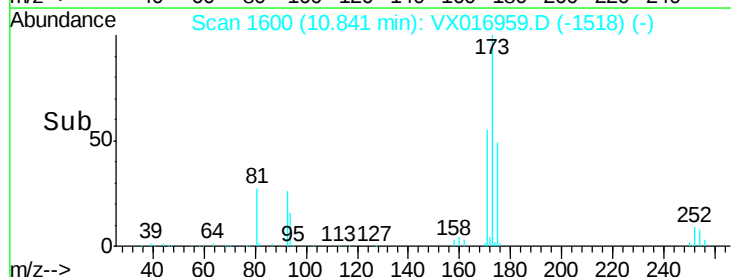
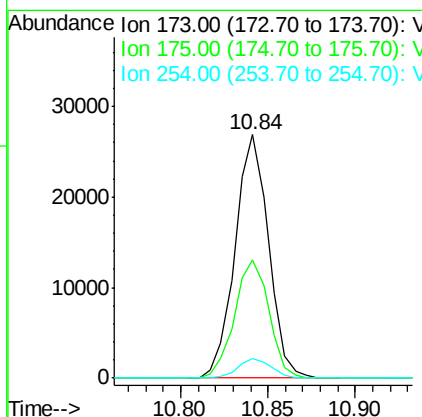
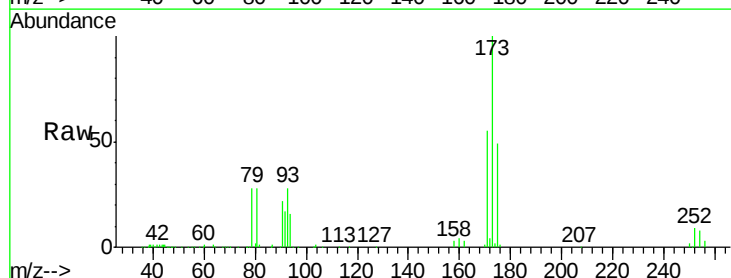
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

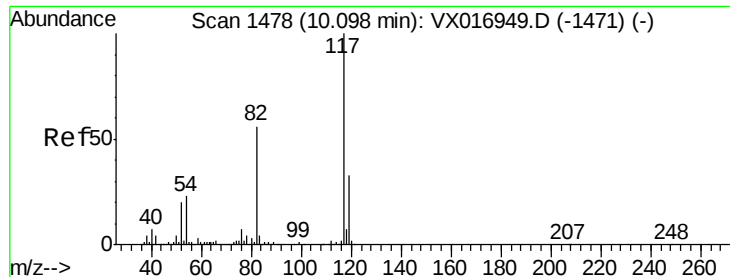
Tgt Ion: 63 Resp: 205479
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 27.9 22.6 33.8



#56
Bromoform
Concen: 17.352 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 173 Resp: 35776
Ion Ratio Lower Upper
173 100
175 49.7 38.7 58.1
254 7.9 5.8 8.6

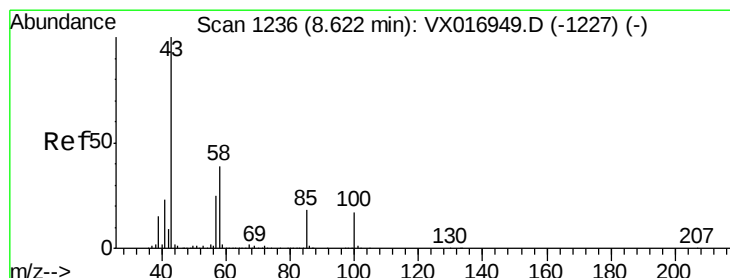
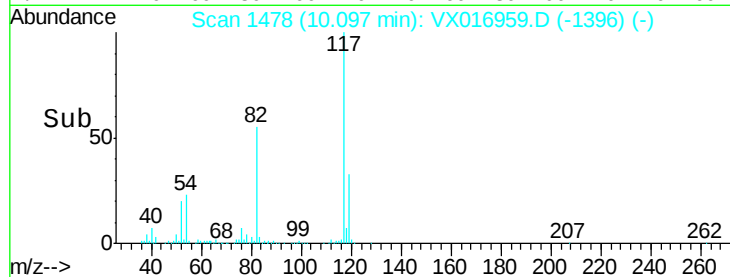
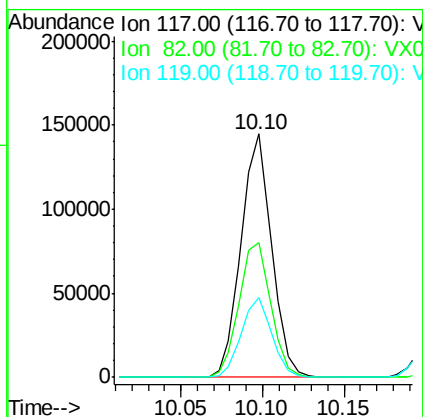
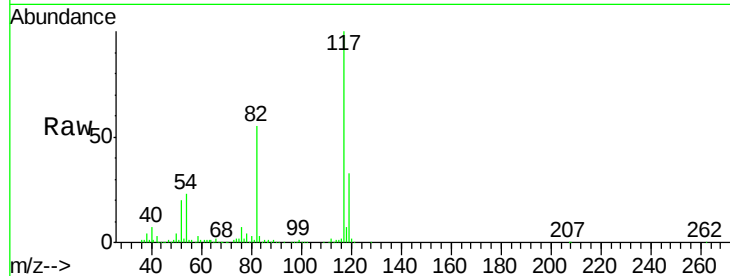




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

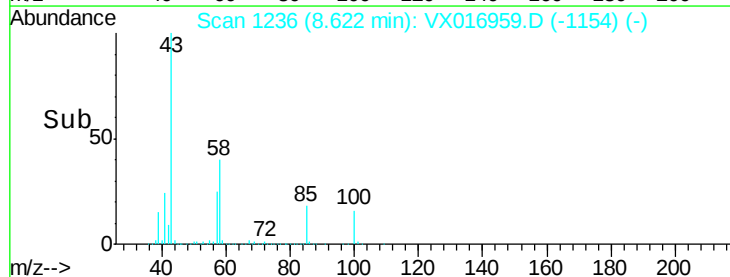
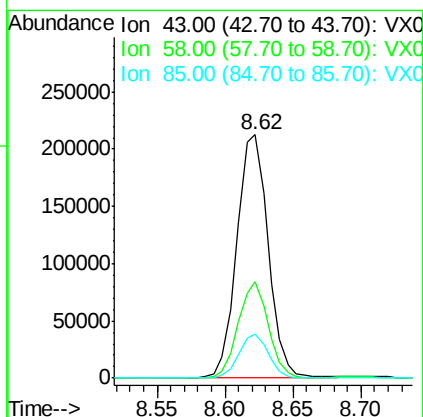
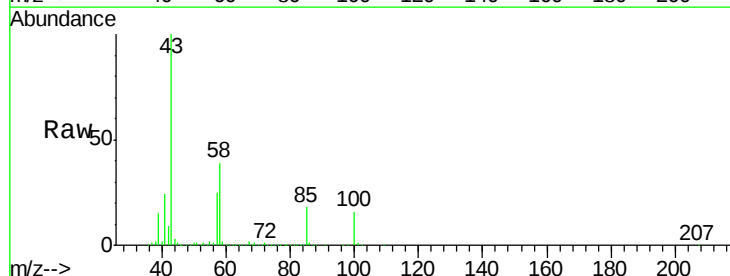
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

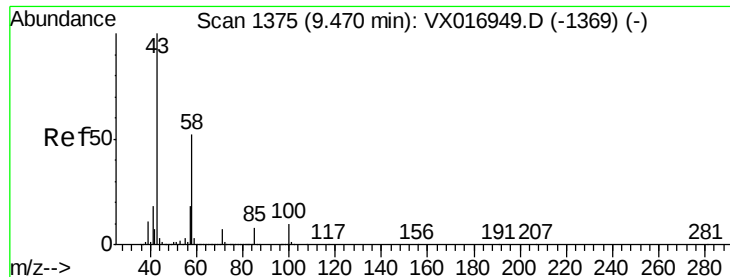
Tgt Ion: 117 Resp: 190179
Ion Ratio Lower Upper
117 100
82 57.3 44.9 67.3
119 32.7 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 96.790 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 43 Resp: 339068
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 17.3 13.5 20.3

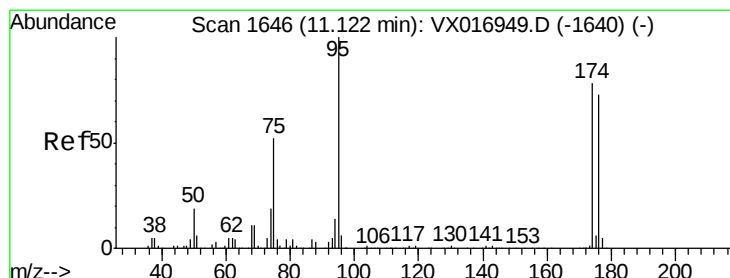
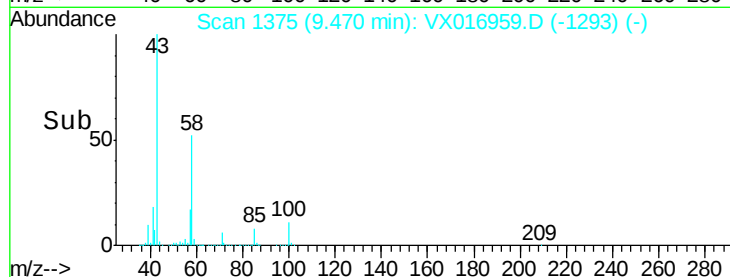
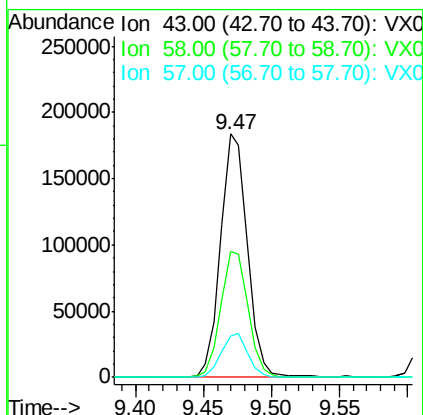
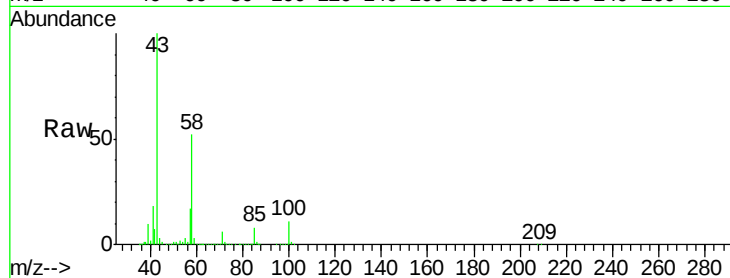




#59
2-Hexanone
Concen: 95.402 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

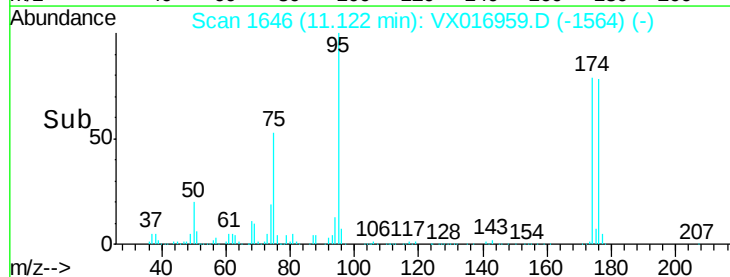
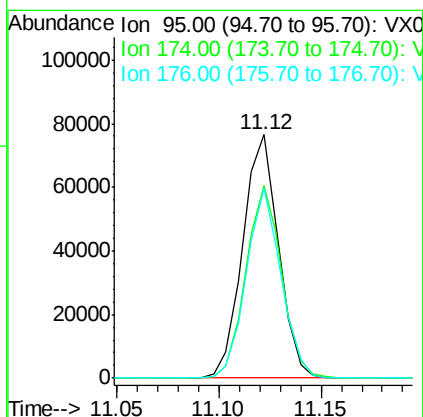
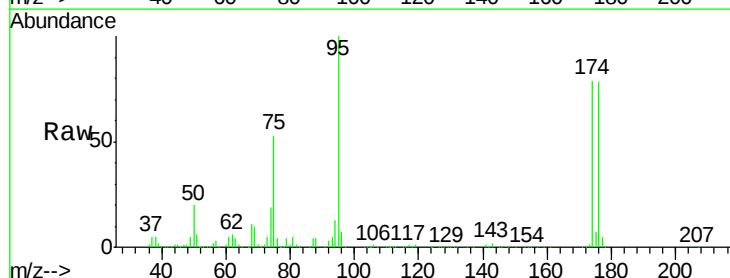
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

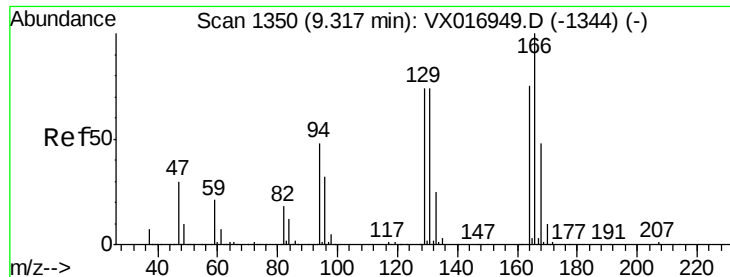
Tgt Ion: 43 Resp: 249424
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 18.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.353 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 95 Resp: 93098
Ion Ratio Lower Upper
95 100
174 79.1 62.2 93.4
176 75.8 58.9 88.3





#61

Tetrachloroethene

Concen: 16.860 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 40891

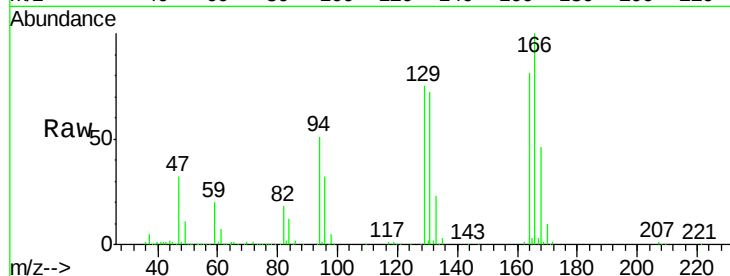
Ion Ratio Lower Upper

164 100

166 123.5 106.3 159.5

129 92.8 78.9 118.3

131 89.2 78.2 117.4

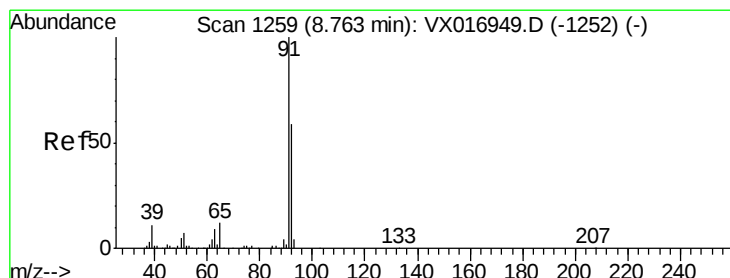
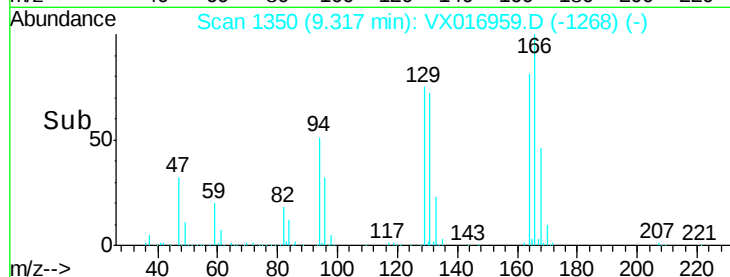
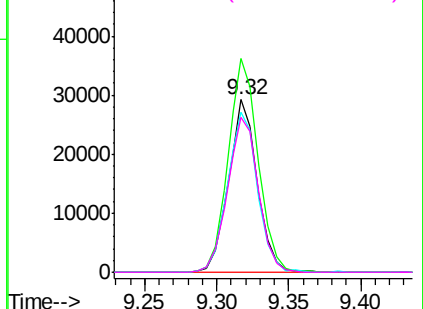


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.333 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016959.D

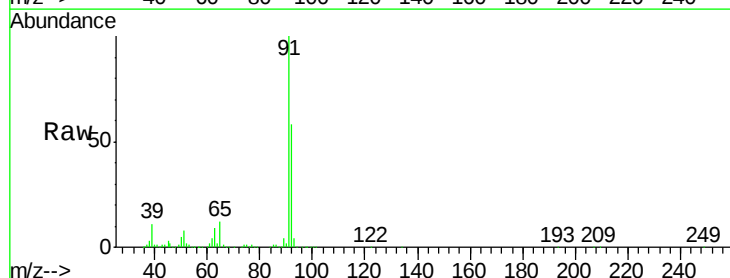
Acq: 25 Jun 2020 17:21

Tgt Ion: 91 Resp: 201097

Ion Ratio Lower Upper

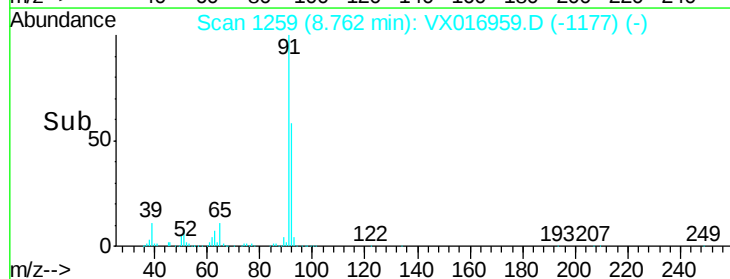
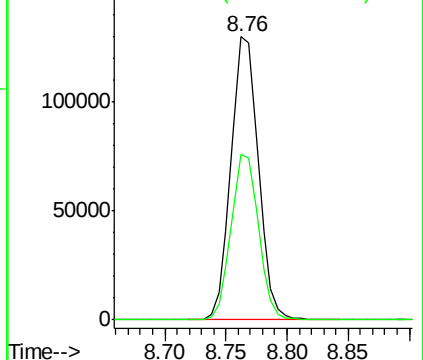
91 100

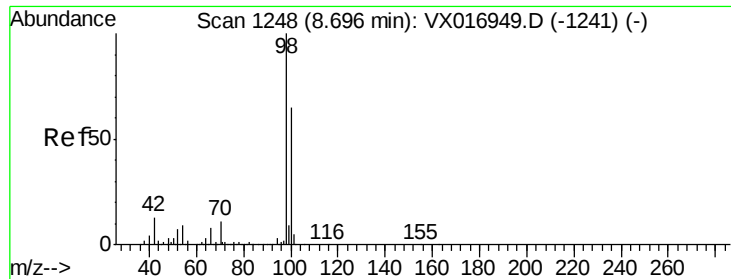
92 58.7 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.788 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

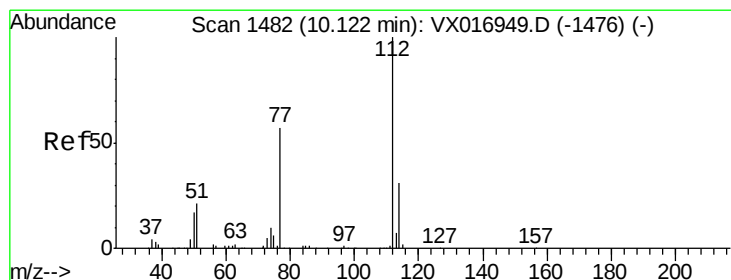
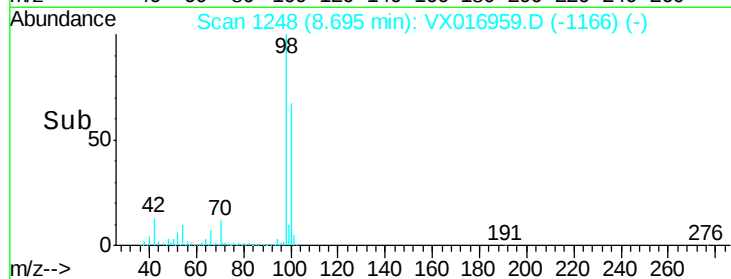
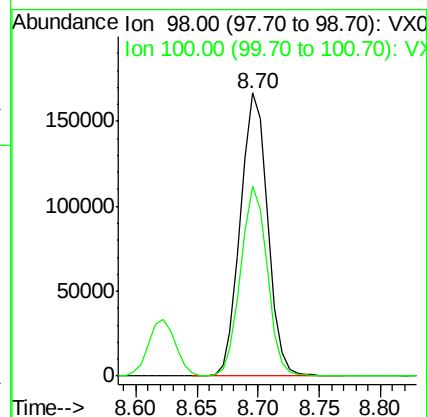
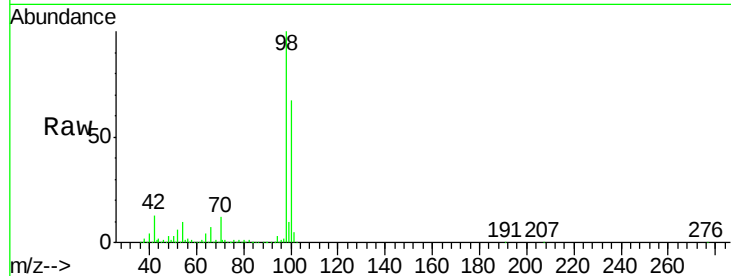
VSTDCCC020EC

Tgt Ion: 98 Resp: 258102

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#64

Chlorobenzene

Concen: 18.829 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016959.D

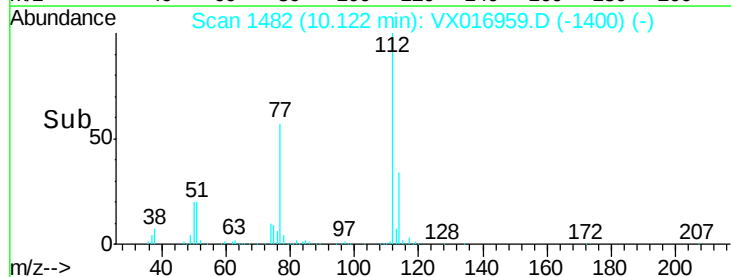
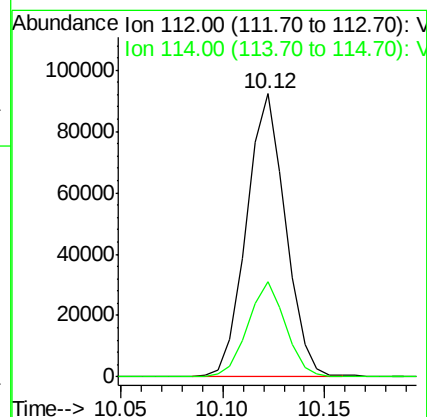
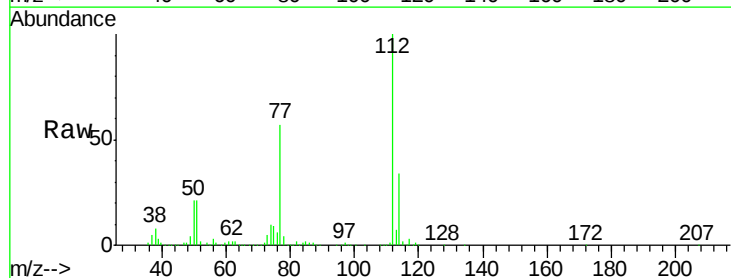
Acq: 25 Jun 2020 17:21

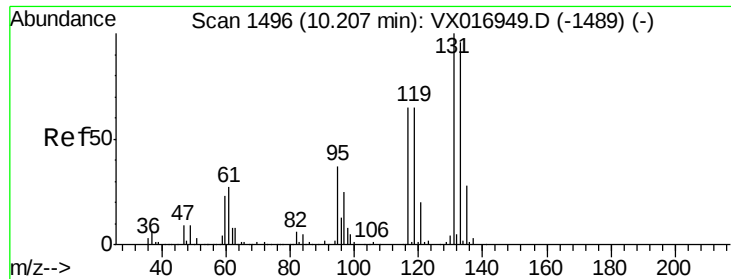
Tgt Ion: 112 Resp: 122705

Ion Ratio Lower Upper

112 100

114 33.5 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.977 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

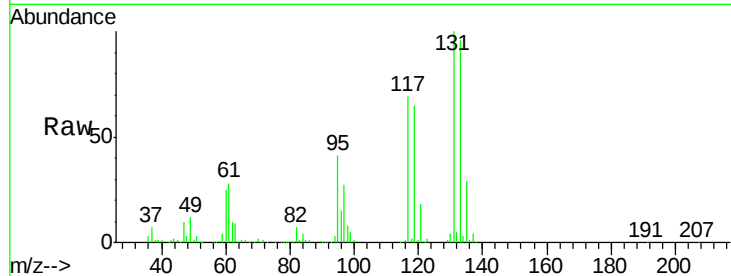
Tgt Ion: 131 Resp: 46555

Ion Ratio Lower Upper

131 100

133 98.4 0.0 190.2

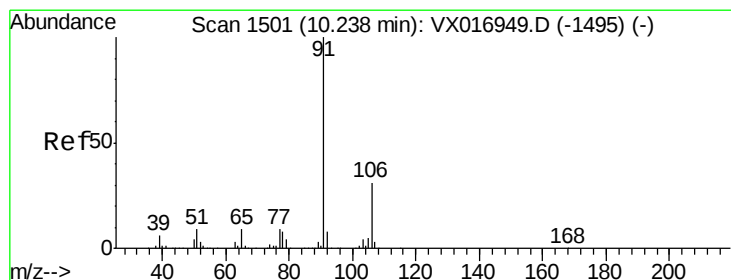
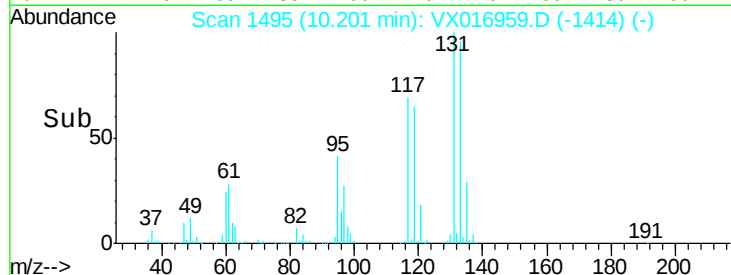
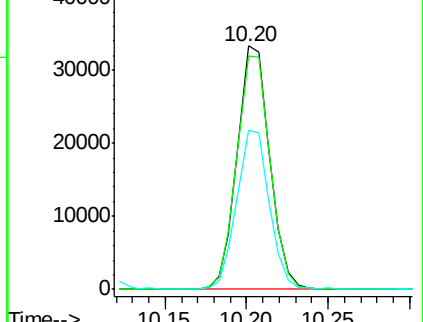
119 64.7 0.0 133.2



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: 19.026 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016959.D

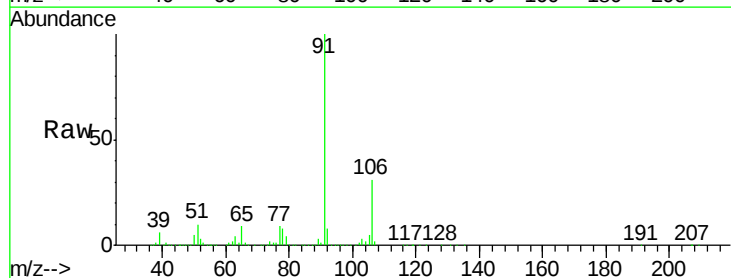
Acq: 25 Jun 2020 17:21

Tgt Ion: 91 Resp: 219470

Ion Ratio Lower Upper

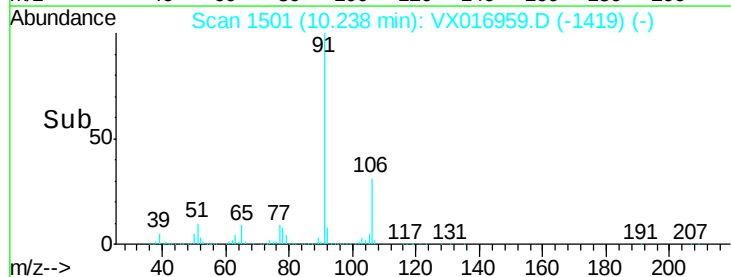
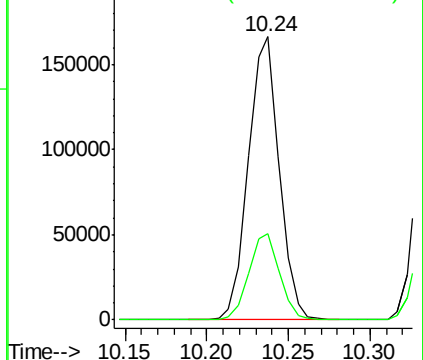
91 100

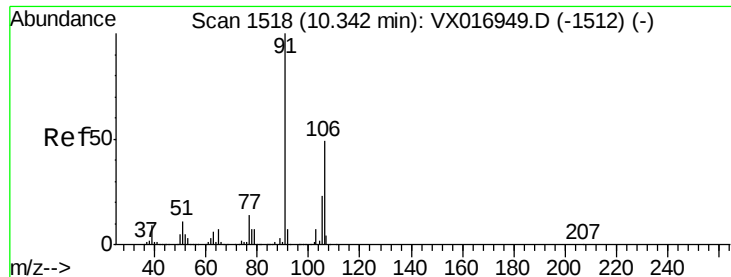
106 30.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

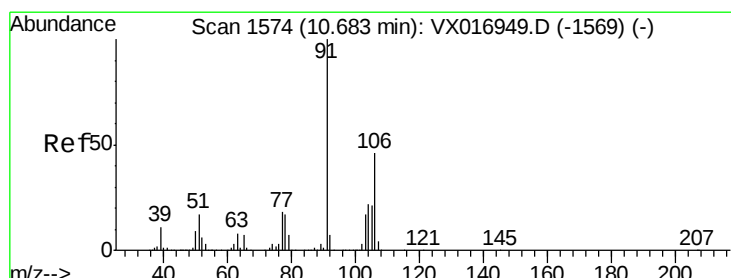
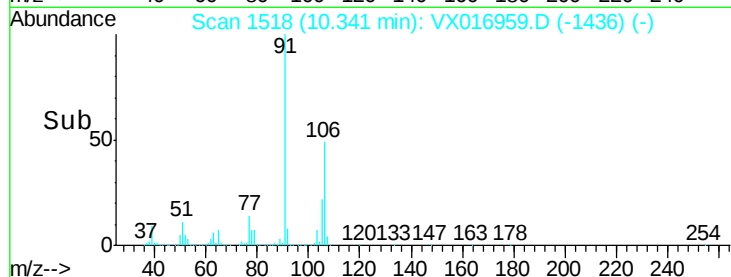
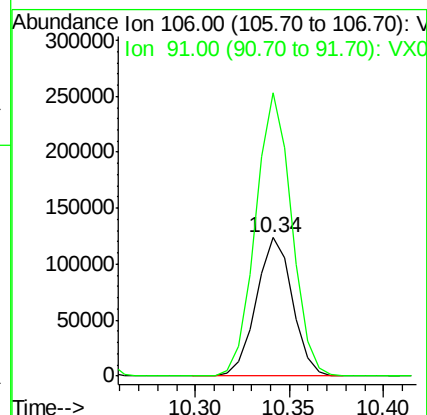
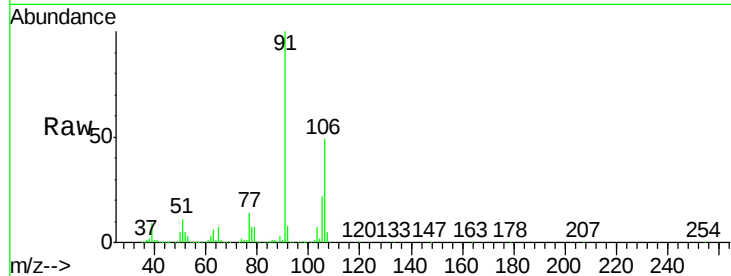




#67
m/p-Xylenes
Concen: 37.868 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

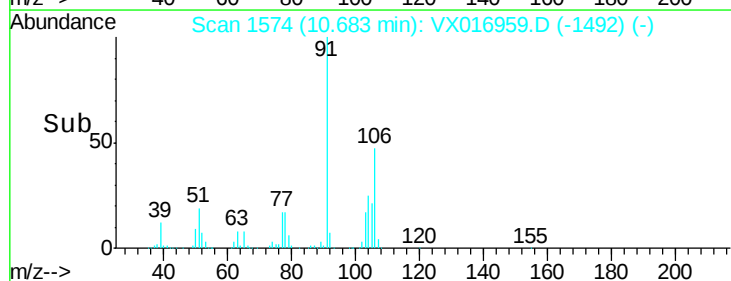
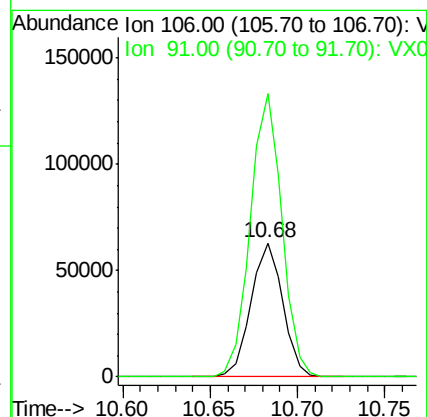
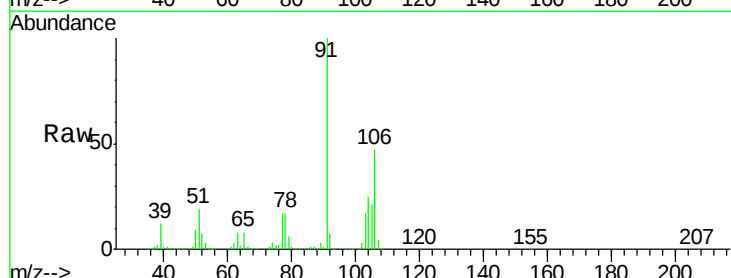
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

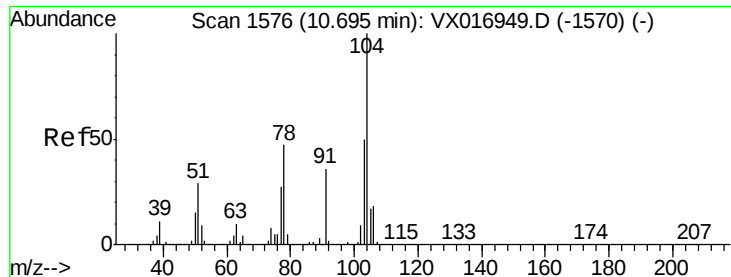
Tgt Ion:106 Resp: 164782
Ion Ratio Lower Upper
106 100
91 203.4 164.5 246.7



#68
o-Xylene
Concen: 19.093 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion:106 Resp: 79807
Ion Ratio Lower Upper
106 100
91 209.8 107.3 321.9





#69

Styrene

Concen: 18.527 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

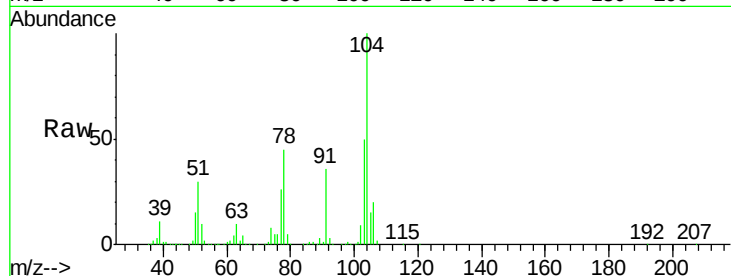
Tgt Ion:104 Resp: 132599

Ion Ratio Lower Upper

104 100

78 50.7 42.6 64.0

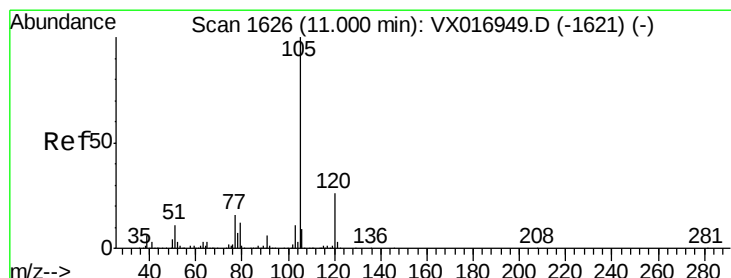
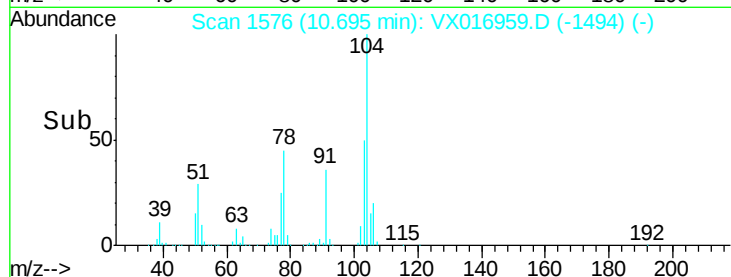
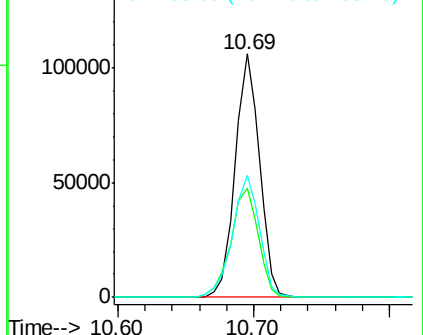
103 55.4 44.1 66.1



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: 18.550 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016959.D

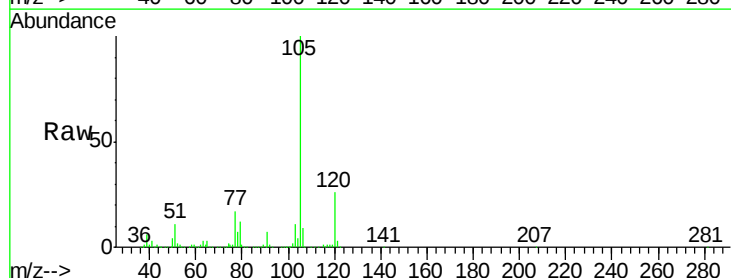
Acq: 25 Jun 2020 17:21

Tgt Ion:105 Resp: 210306

Ion Ratio Lower Upper

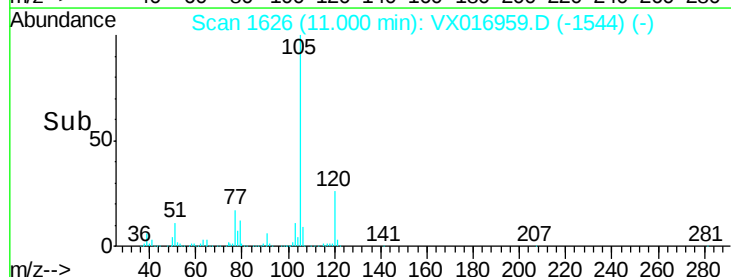
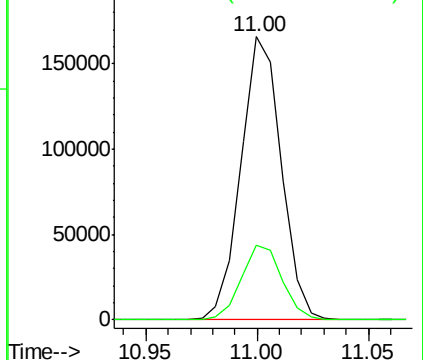
105 100

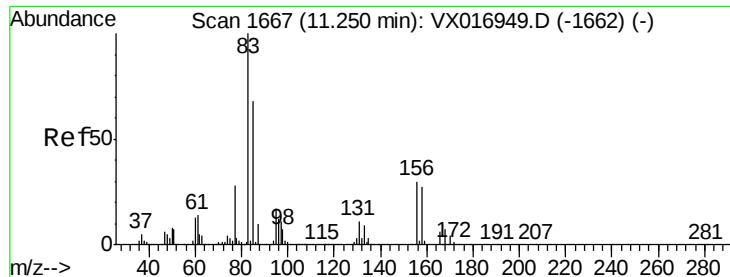
120 26.7 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

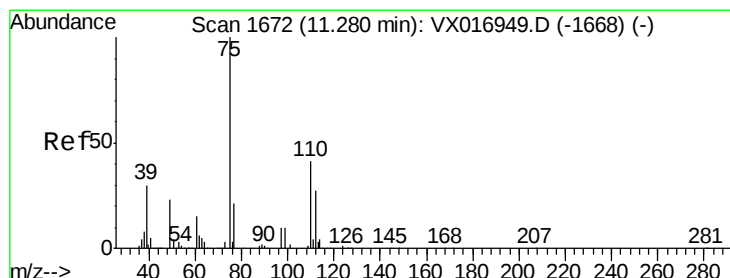
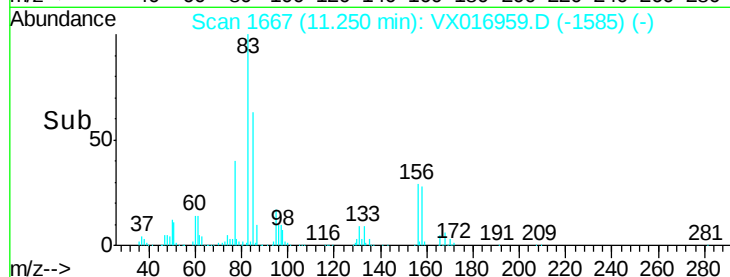
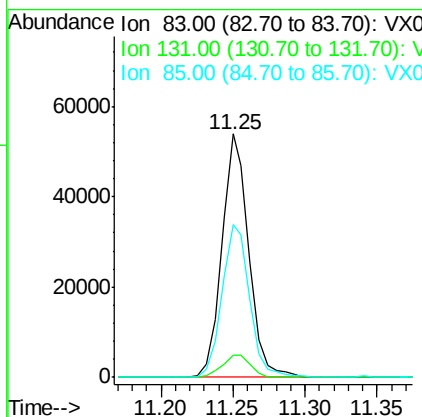
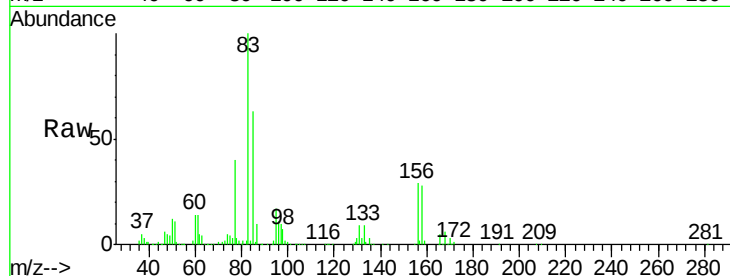




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.192 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

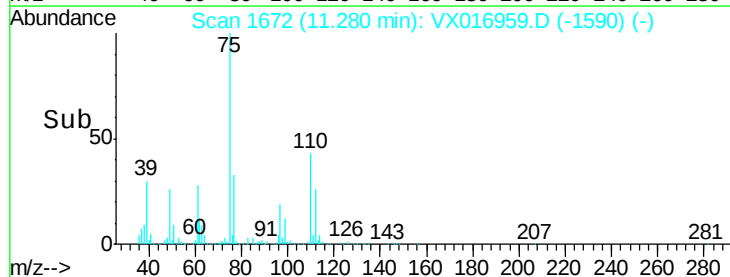
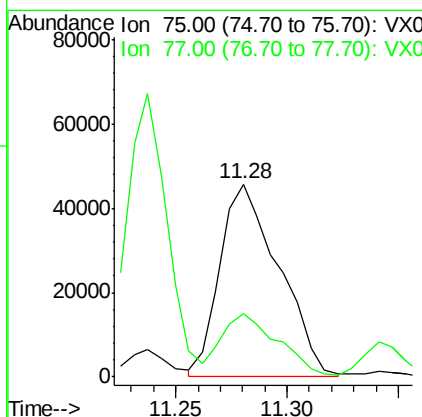
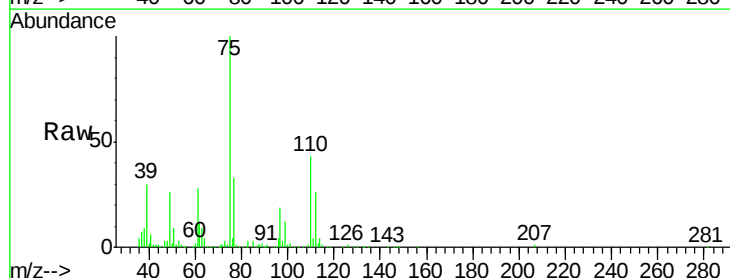
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

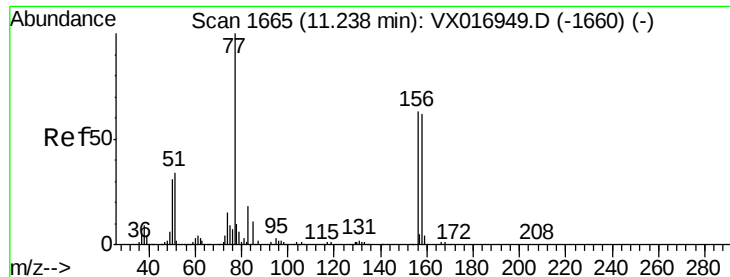
Tgt Ion: 83 Resp: 70303
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.2 15.6
 85 65.0 33.1 99.3



#72
 1,2,3-Trichloropropane
 Concen: 25.105 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 75 Resp: 83941
 Ion Ratio Lower Upper
 75 100
 77 29.5 0.0 77.2





#73

Bromobenzene

Concen: 18.083 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

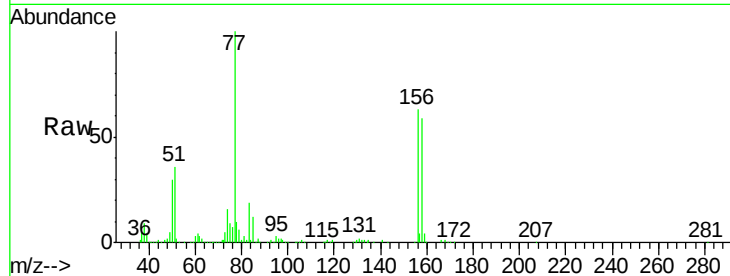
Tgt Ion:156 Resp: 51739

Ion Ratio Lower Upper

156 100

77 164.3 0.0 317.2

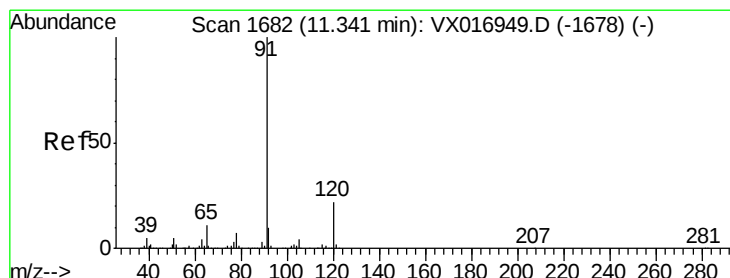
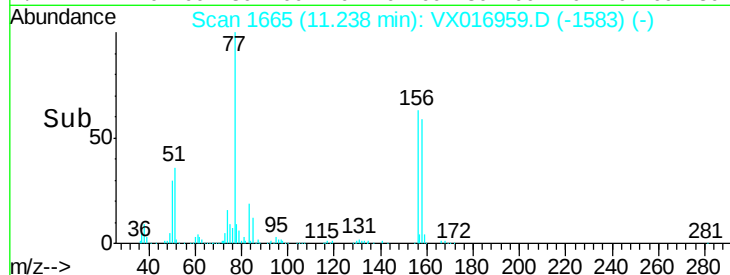
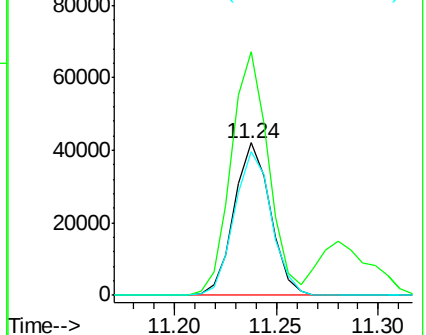
158 96.9 0.0 188.4



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: 18.390 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016959.D

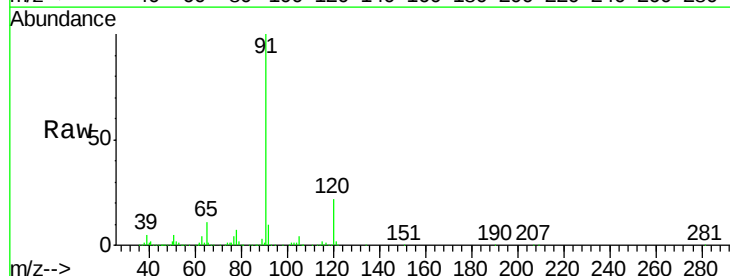
Acq: 25 Jun 2020 17:21

Tgt Ion: 91 Resp: 247546

Ion Ratio Lower Upper

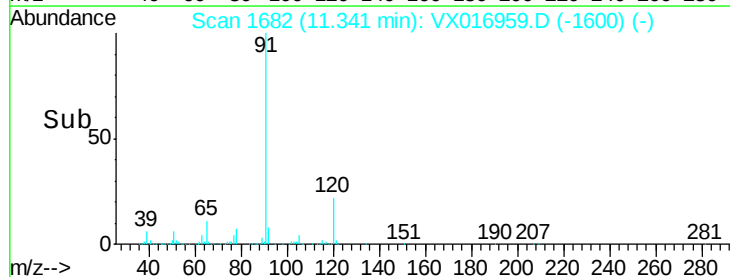
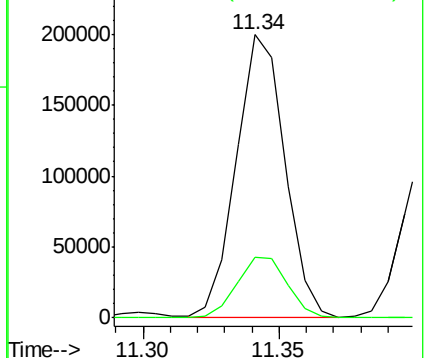
91 100

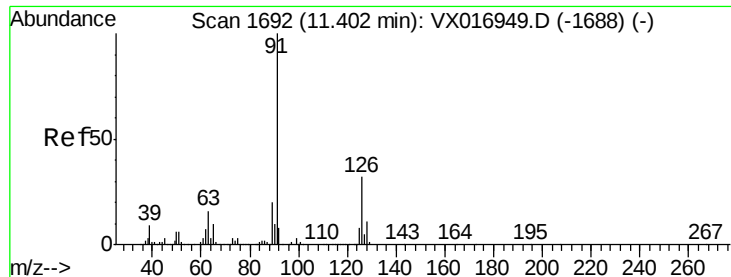
120 22.3 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

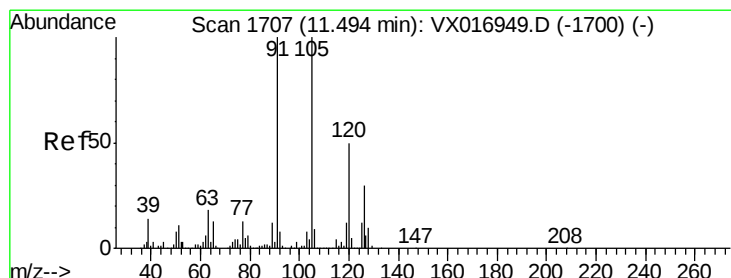
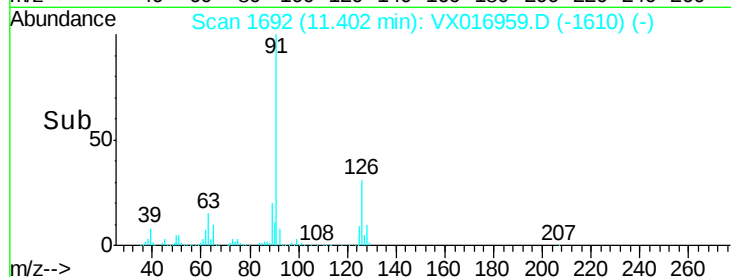
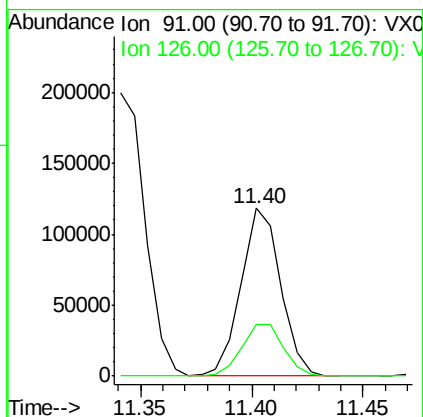
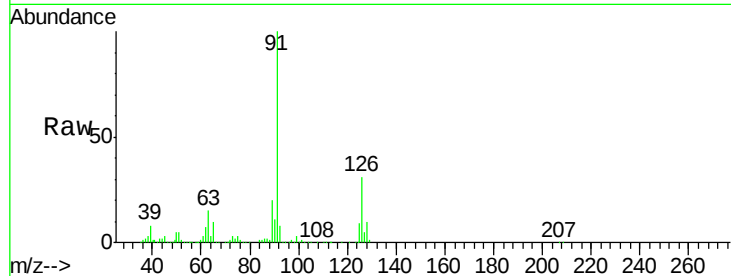




#75
2-Chlorotoluene
Concen: 18.822 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

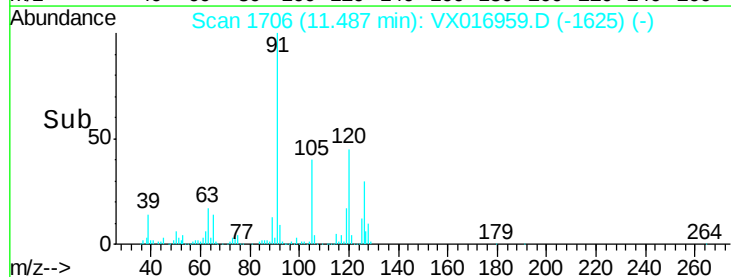
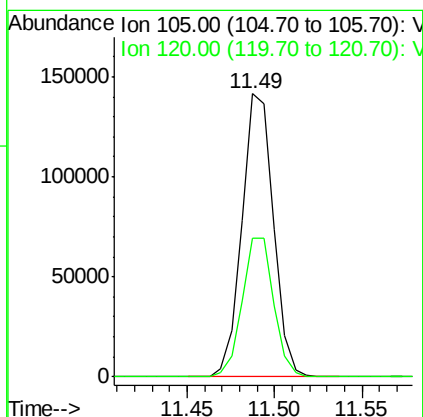
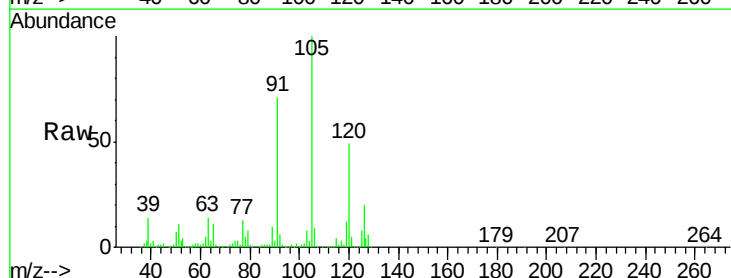
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

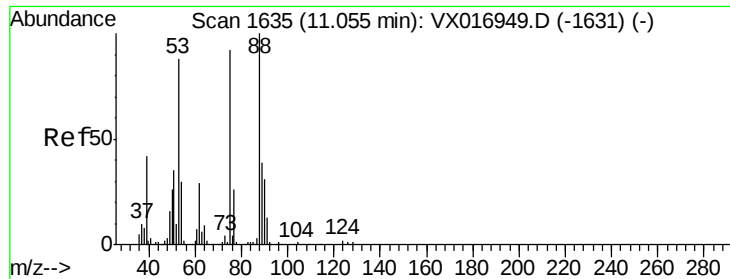
Tgt Ion: 91 Resp: 147745
Ion Ratio Lower Upper
91 100
126 32.6 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 18.586 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 105 Resp: 176872
Ion Ratio Lower Upper
105 100
120 49.0 0.0 99.4

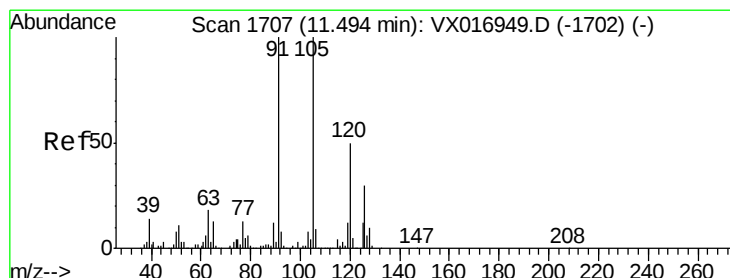
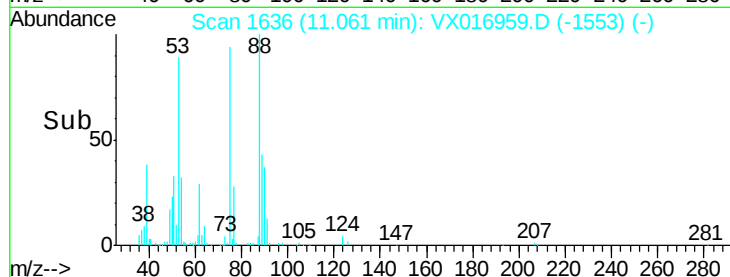
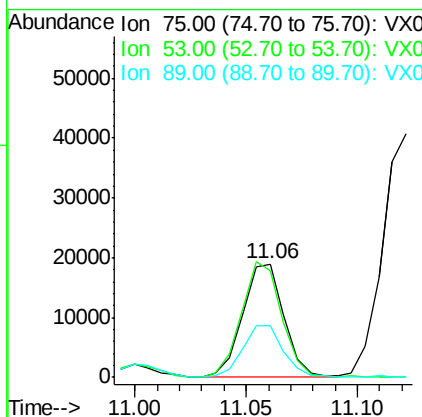
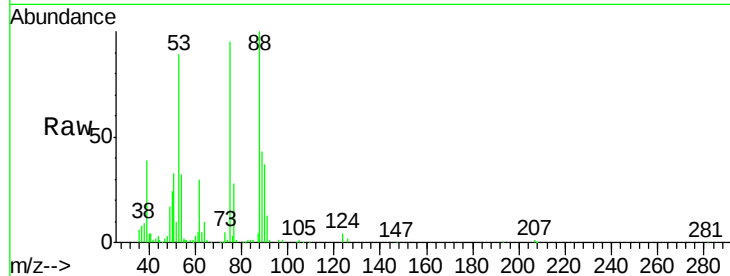




#77
t-1,4-Dichloro-2-butene
Concen: 18.067 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

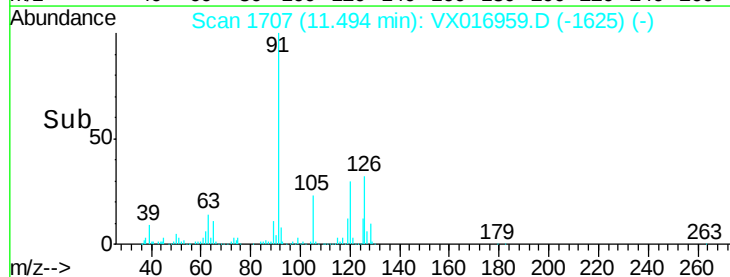
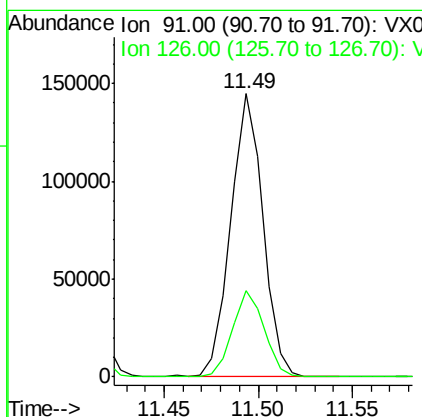
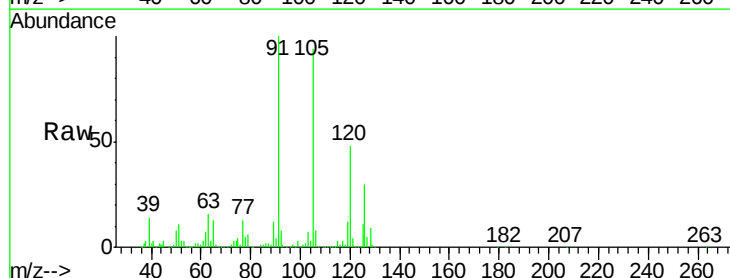
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

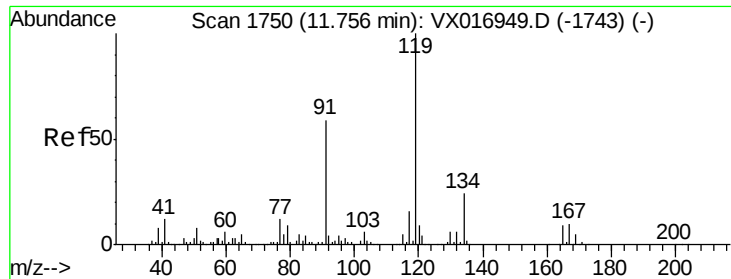
Tgt Ion: 75 Resp: 24482
Ion Ratio Lower Upper
75 100
53 94.4 47.6 142.9
89 45.9 21.1 63.4



#78
4-Chlorotoluene
Concen: 18.496 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 91 Resp: 171898
Ion Ratio Lower Upper
91 100
126 30.0 0.0 60.6

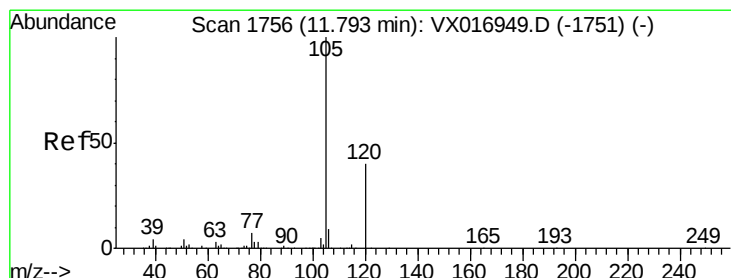
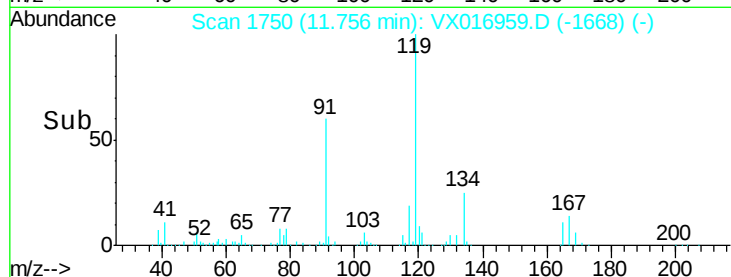
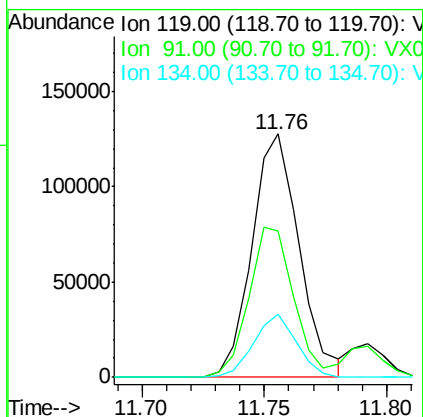
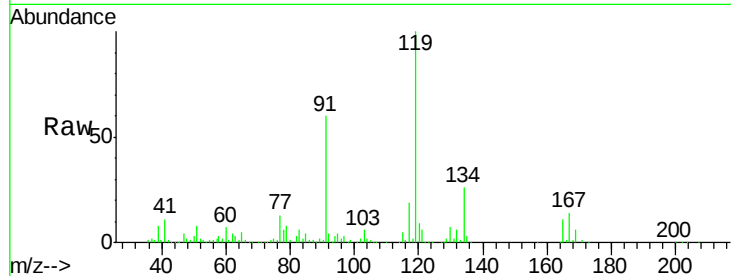




#79
tert-butylbenzene
Concen: 18.735 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

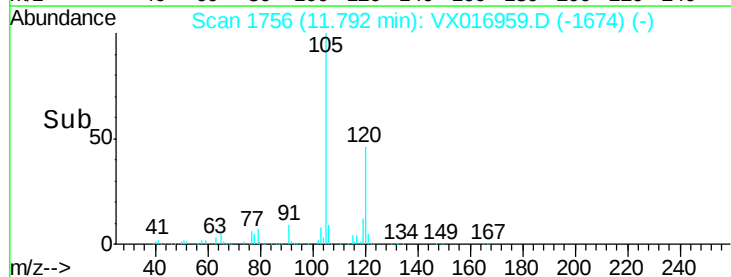
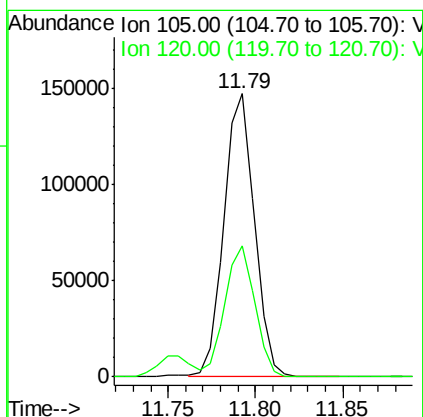
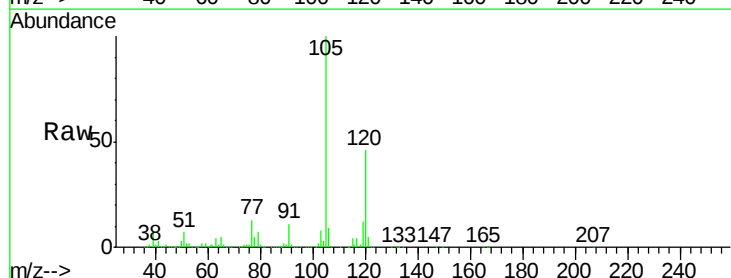
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

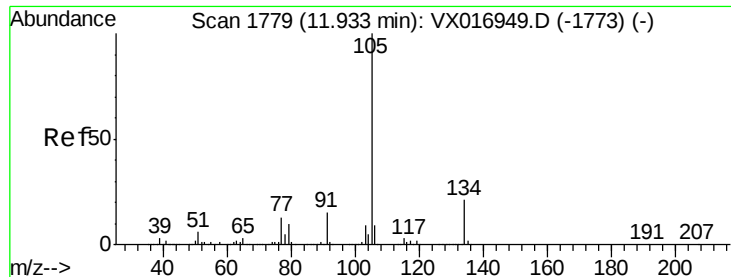
Tgt Ion:119 Resp: 170795
Ion Ratio Lower Upper
119 100
91 58.3 0.0 115.2
134 23.6 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 18.685 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion:105 Resp: 178510
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.8

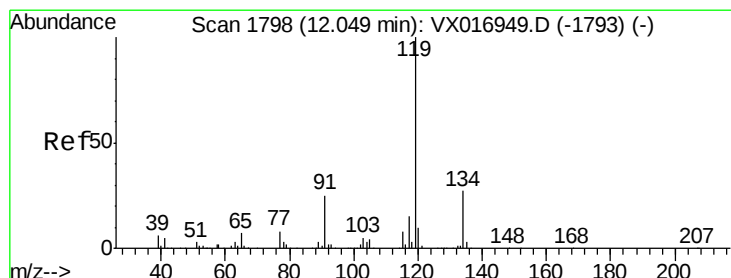
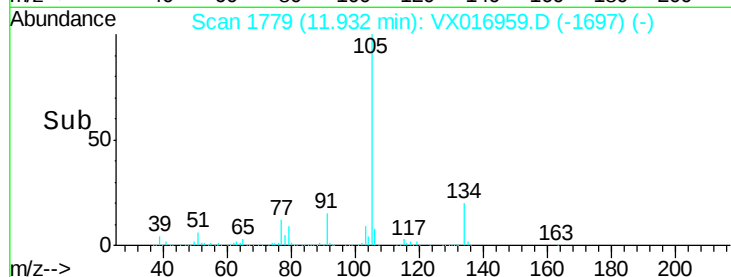
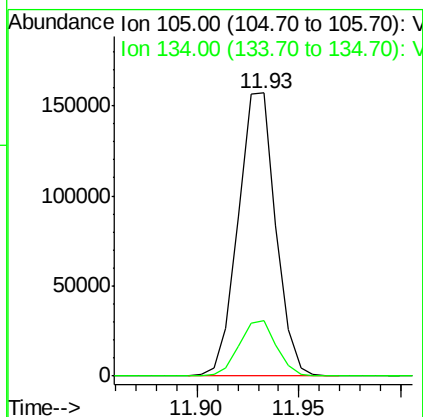
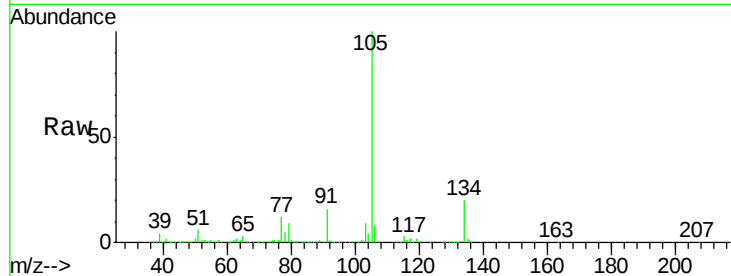




#81
 sec-Butylbenzene
 Concen: 18.186 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

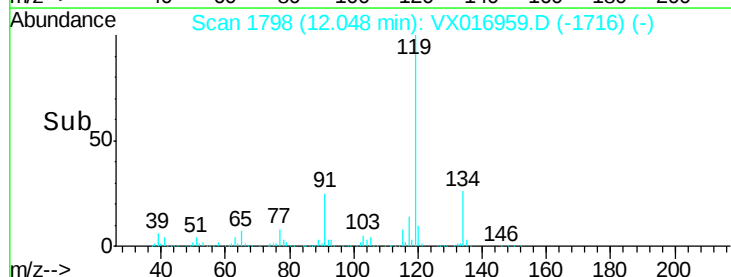
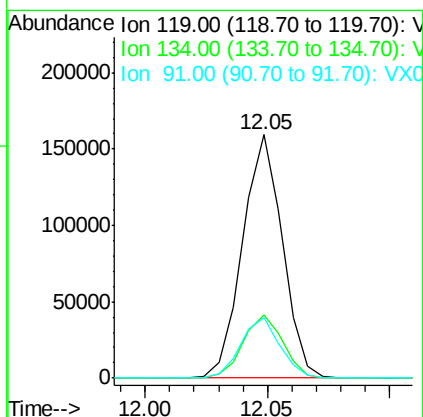
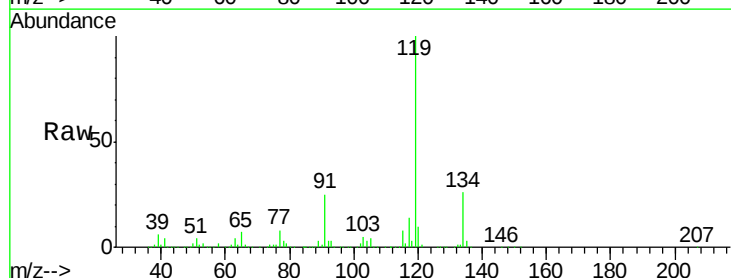
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

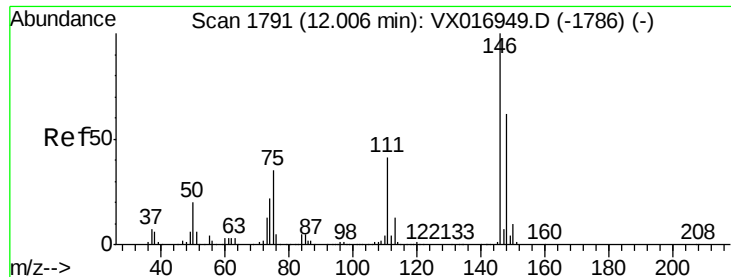
Tgt Ion:105 Resp: 200731
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.095 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion:119 Resp: 180331
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.0
 91 25.1 0.0 49.0

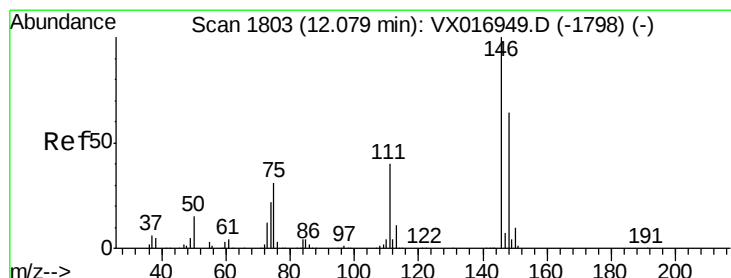
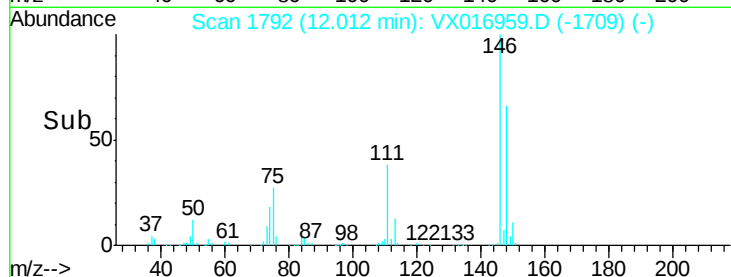
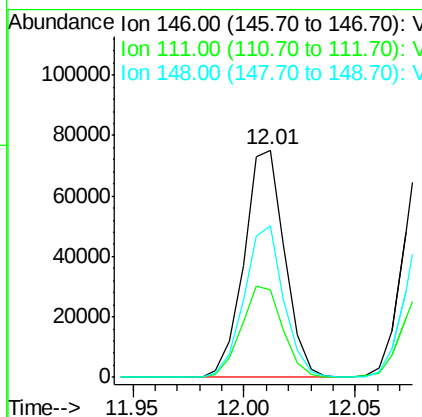
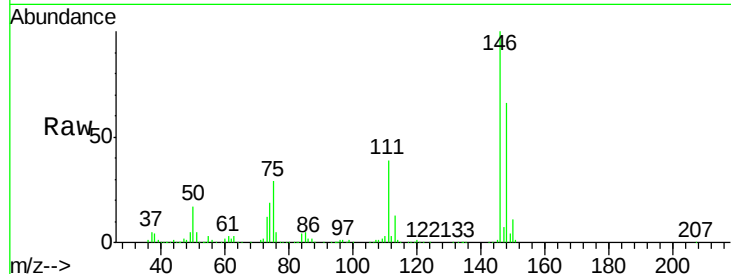




#83
 1,3-Dichlorobenzene
 Concen: 18.645 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

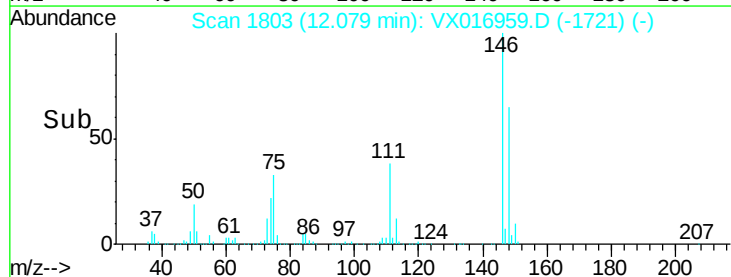
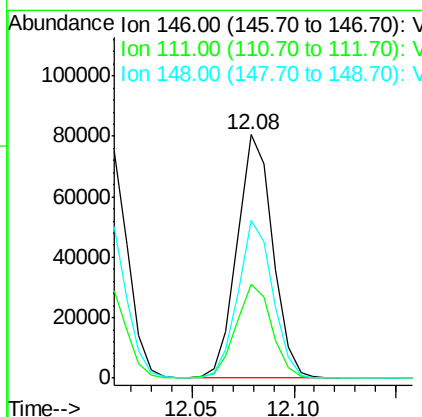
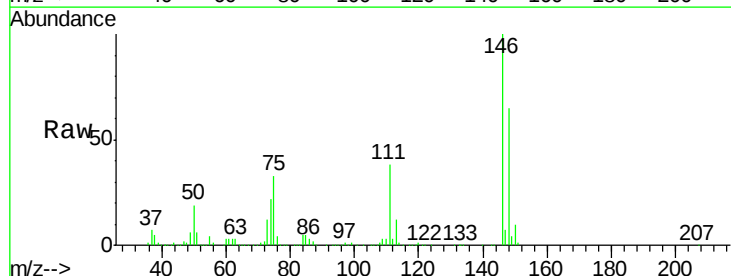
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

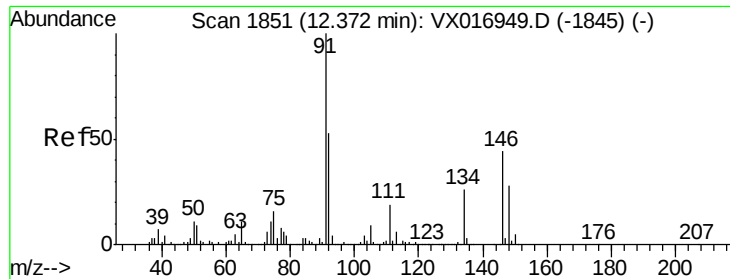
Tgt Ion:146 Resp: 95599
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 64.6 31.8 95.4



#84
 1,4-Dichlorobenzene
 Concen: 18.869 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion:146 Resp: 97209
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 63.9 32.1 96.3

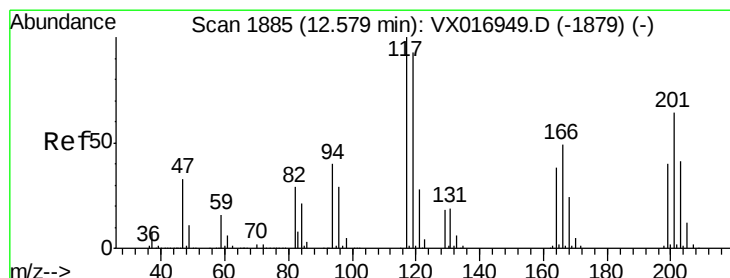
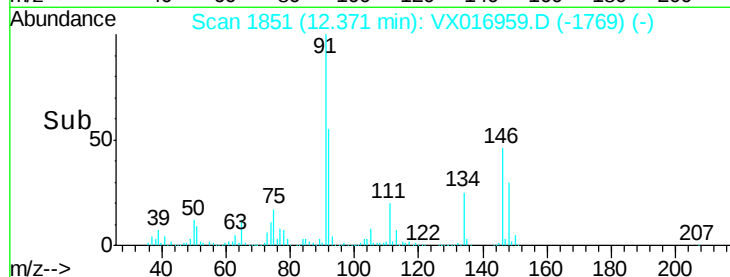
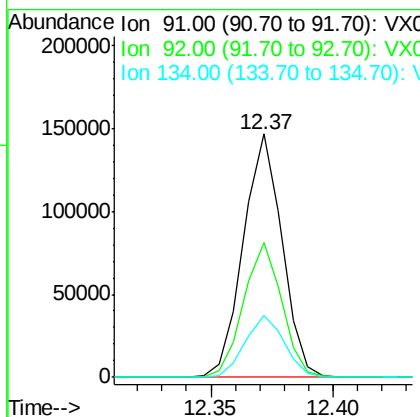
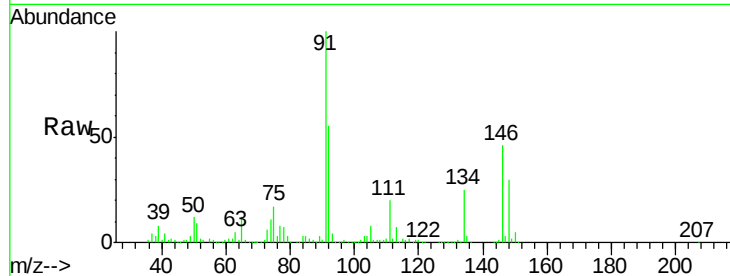




#85
n-Butylbenzene
Concen: 17.546 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

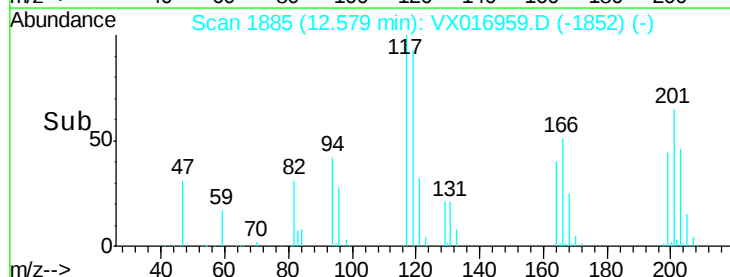
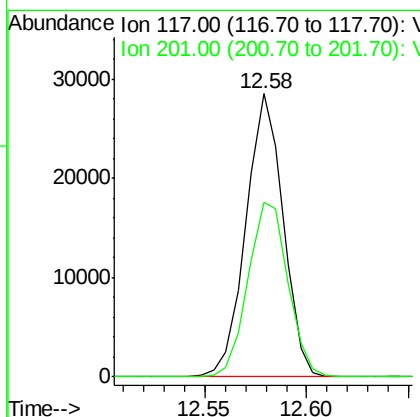
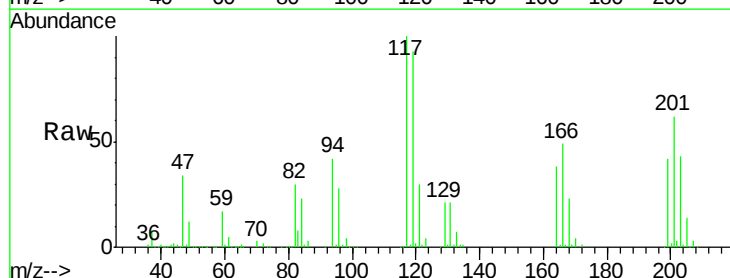
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

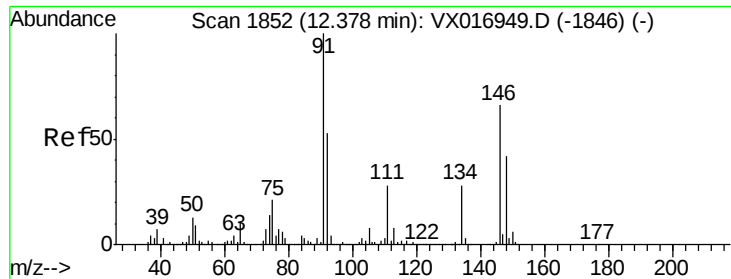
Tgt Ion: 91 Resp: 161857
Ion Ratio Lower Upper
91 100
92 54.6 0.0 105.8
134 25.9 0.0 52.2



#86
Hexachloroethane
Concen: 18.622 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 117 Resp: 36318
Ion Ratio Lower Upper
117 100
201 66.1 34.6 103.9





#87

1,2-Dichlorobenzene

Concen: 19.317 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

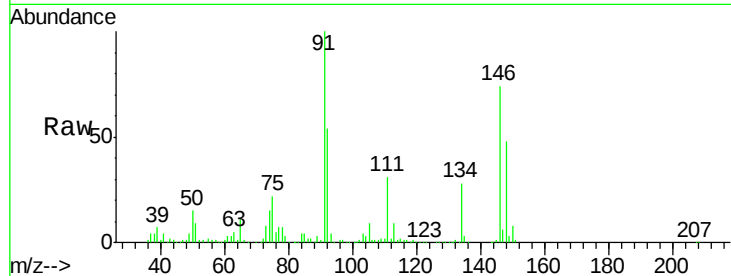
Tgt Ion:146 Resp: 92708

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

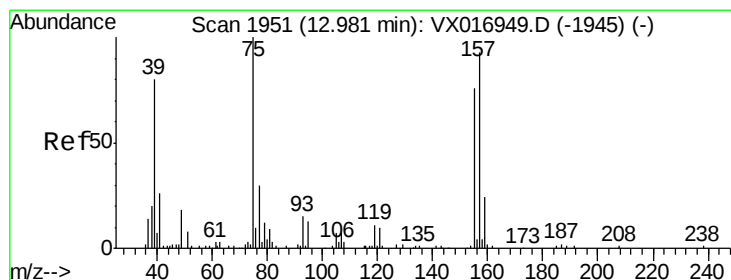
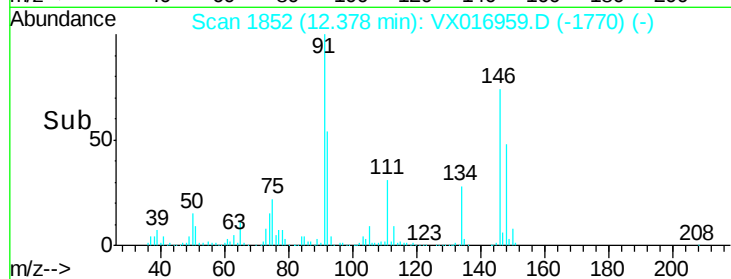
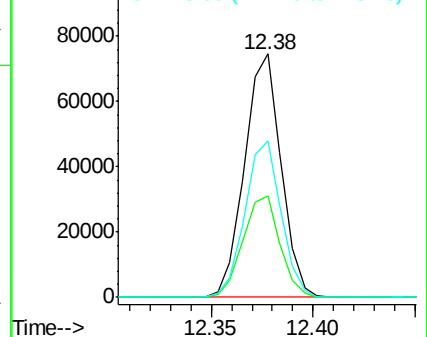
148 63.5 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.887 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

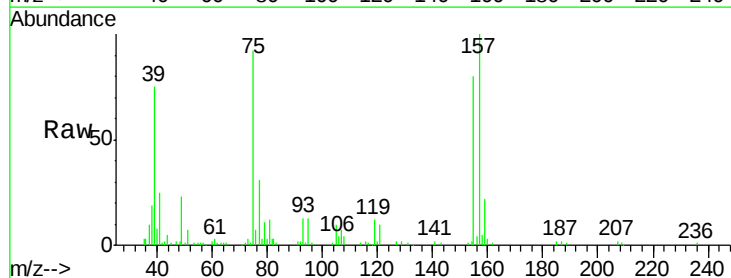
Tgt Ion: 75 Resp: 15754

Ion Ratio Lower Upper

75 100

155 81.3 65.0 97.6

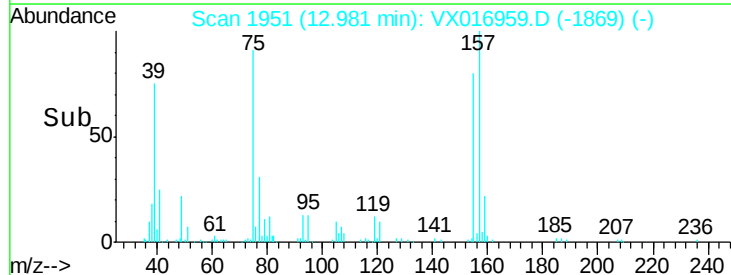
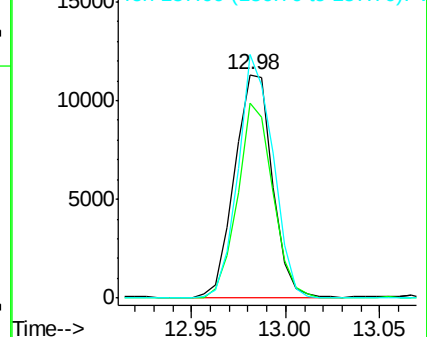
157 99.9 83.0 124.4

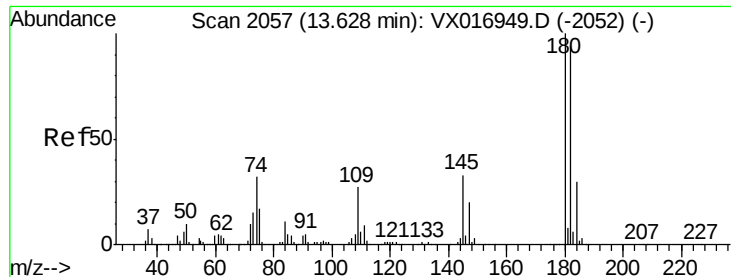


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

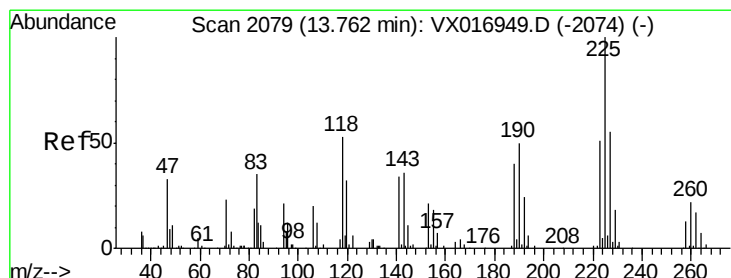
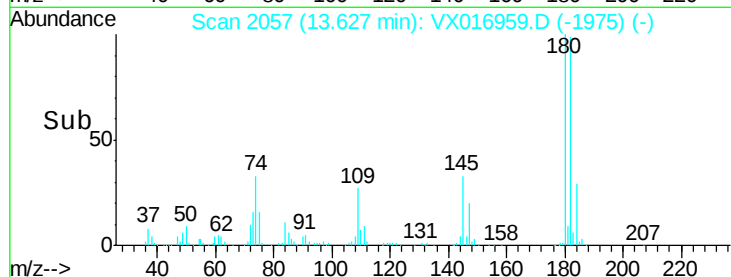
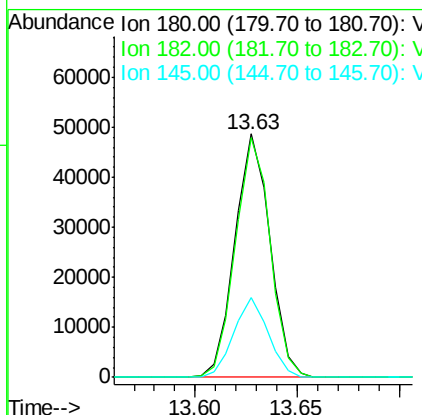
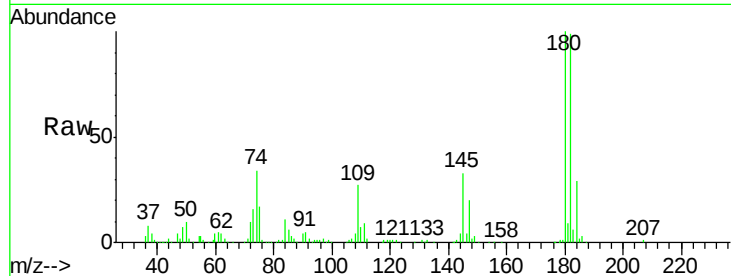




#89
1,2,4-Trichlorobenzene
Concen: 17.941 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

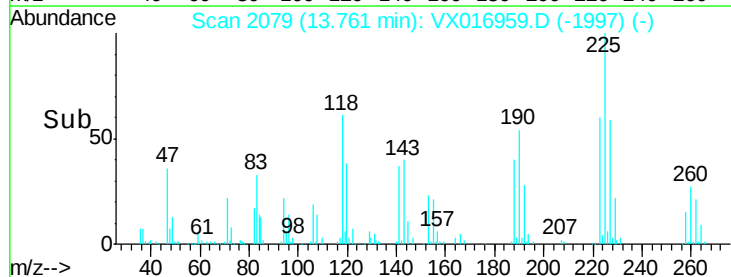
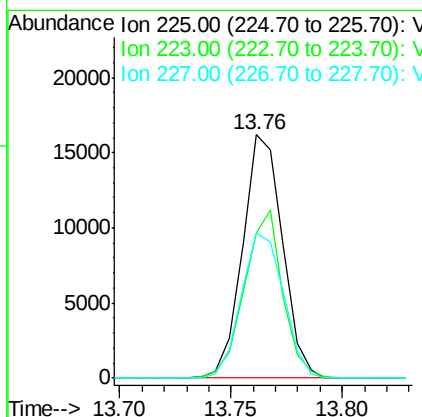
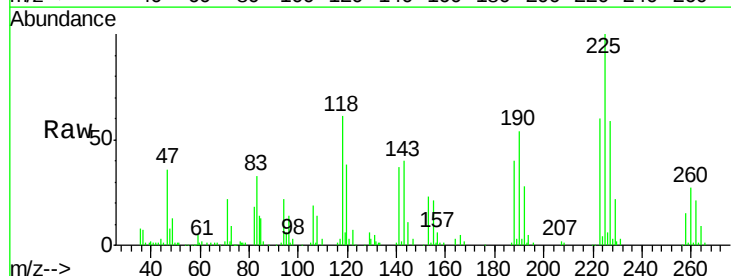
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

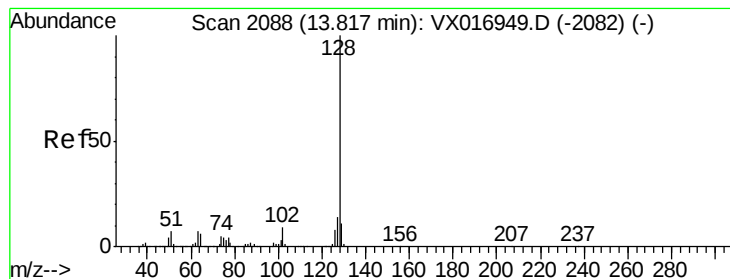
Tgt Ion:180 Resp: 58092
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 32.2 26.2 39.2



#90
Hexachlorobutadiene
Concen: 16.443 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion:225 Resp: 20253
Ion Ratio Lower Upper
225 100
223 65.5 0.0 125.0
227 63.0 0.0 124.0





#91

Naphthalene

Concen: 18.751 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

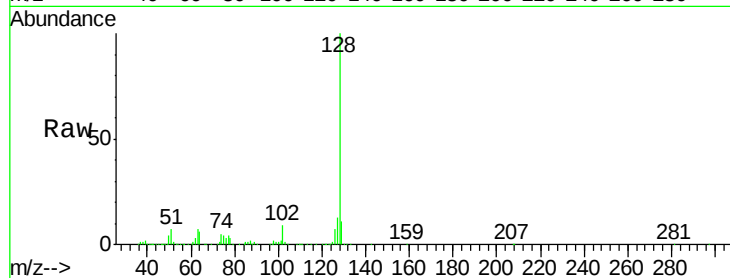
Tgt Ion:128 Resp: 199013

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

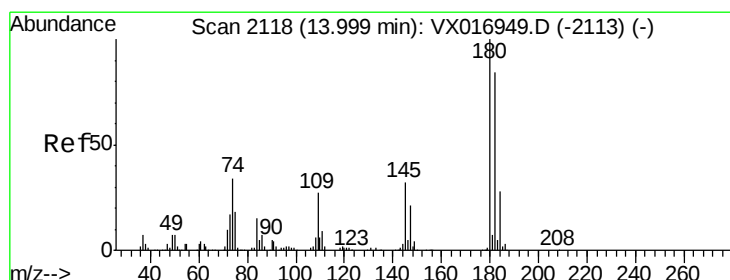
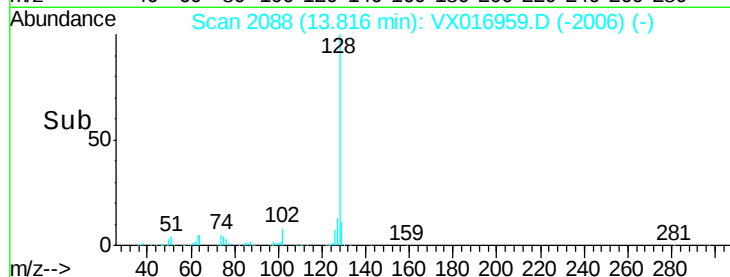
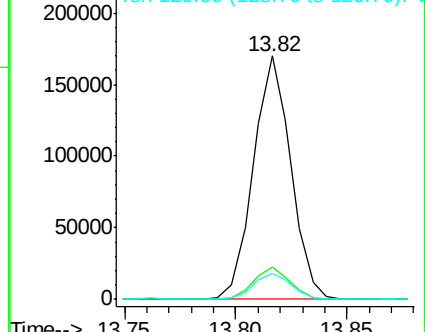
129 10.9 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.353 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

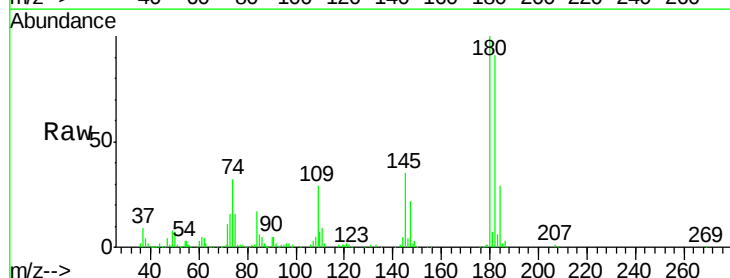
Tgt Ion:180 Resp: 57994

Ion Ratio Lower Upper

180 100

182 95.1 0.0 184.8

145 33.4 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

