

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026465.D
 Acq On : 14 Jan 2022 20:13
 Operator : JC/MD
 Sample : PB142010ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:41:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

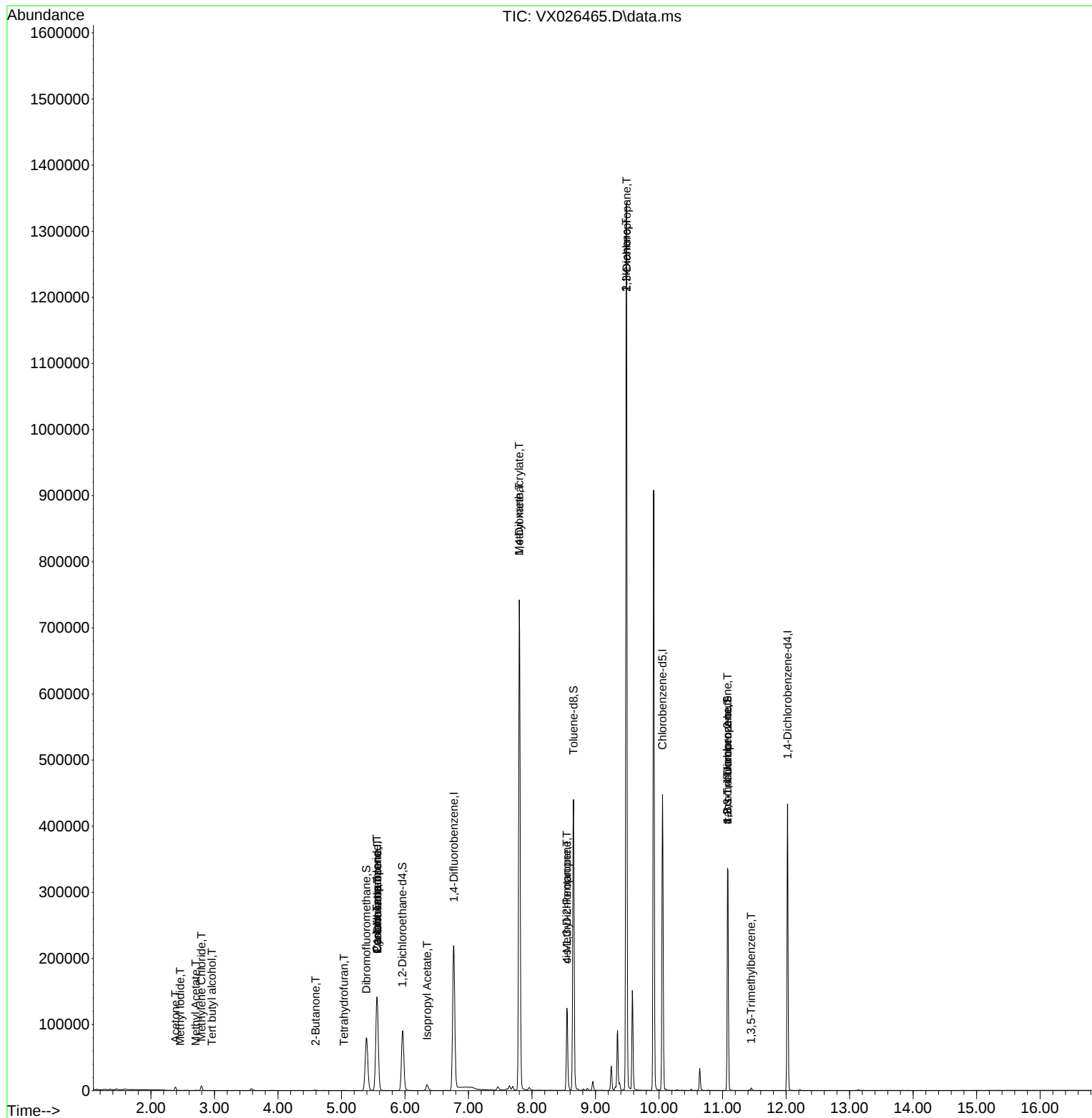
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	131178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90405	49.335	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.391	113	69866	49.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.653	98	254147	50.379	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.760%
62) 4-Bromofluorobenzene	11.079	95	94468	52.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.440%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	150	4.534	ug/l #	37
11) Tert butyl alcohol	2.959	59	59	0.231	ug/l #	75
16) Acetone	2.386	43	5934	6.350	ug/l	95
18) Methyl Acetate	2.703	43	910	0.490	ug/l #	74
20) Methylene Chloride	2.794	84	2944	1.907	ug/l	95
25) 2-Butanone	4.593	43	1300	1.070	ug/l	99
29) Tetrahydrofuran	5.038	42	204	0.283	ug/l #	34
31) Cyclohexane	5.562	56	2809	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10505	4.753	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14103	6.204	ug/l #	17
43) Isopropyl Acetate	6.348	43	12174	3.371	ug/l	99
48) Methyl methacrylate	7.799	41	64475	36.027	ug/l #	45
49) 1,4-Dioxane	7.799	88	29	0.987	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44206	20.639	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19466	8.345	ug/l #	59
57) 1,3-Dichloropropane	9.488	76	11774	4.646	ug/l #	43
59) 2-Hexanone	9.482	43	169760	103.553	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48468	26.832	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1728	0.312	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	48468	81.194	ug/l #	3

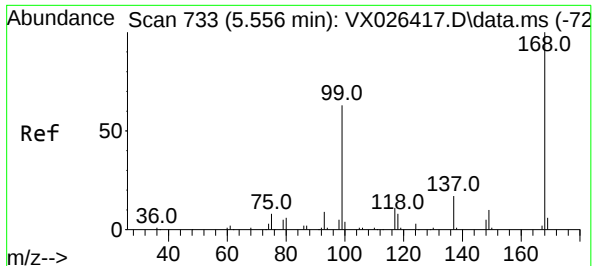
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
Data File : VX026465.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

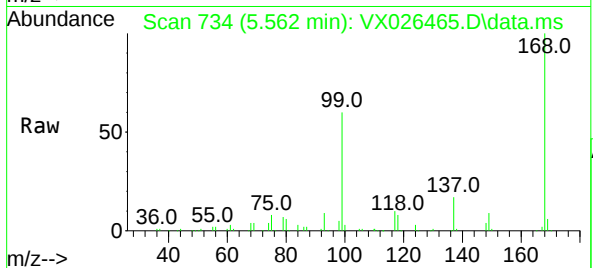
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



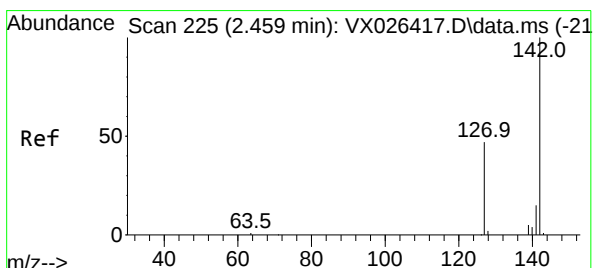
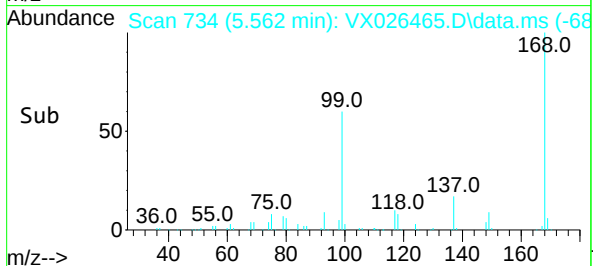
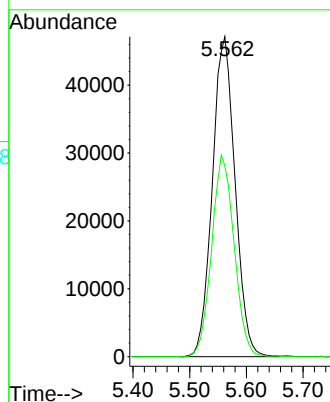


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :

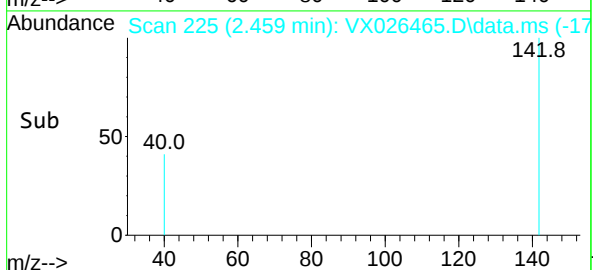
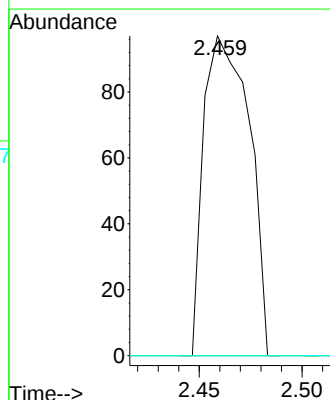
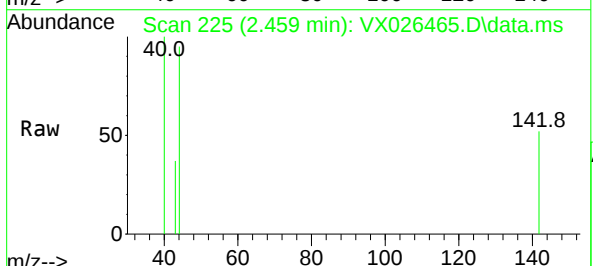


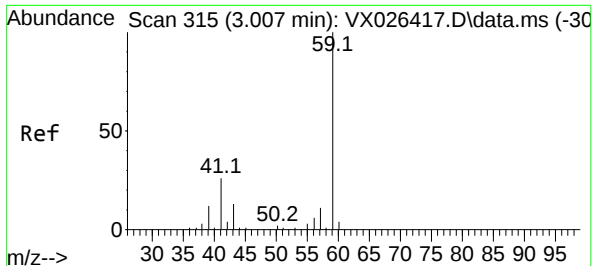
Tgt Ion:168 Resp: 131178
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.534 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion:142 Resp: 150
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.231 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.048 min

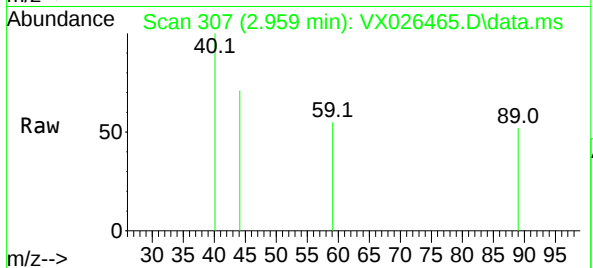
Lab File: VX026465.D

Acq: 14 Jan 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :

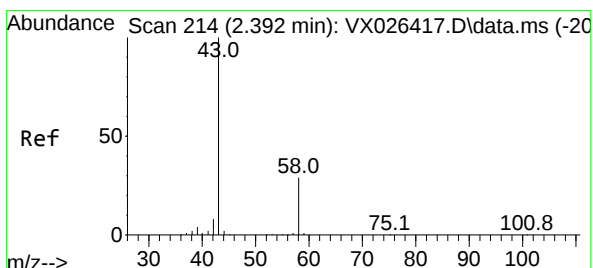
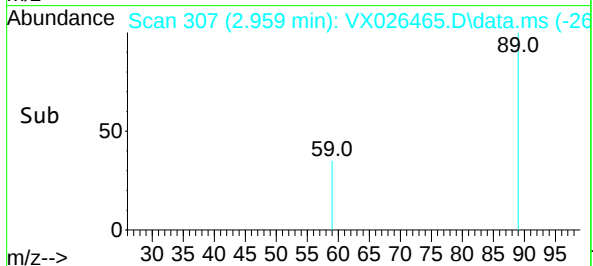
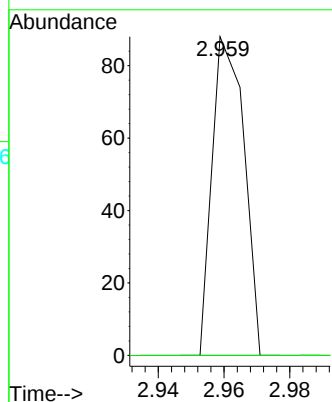


Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.350 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026465.D

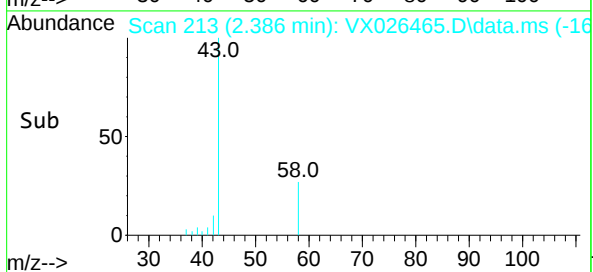
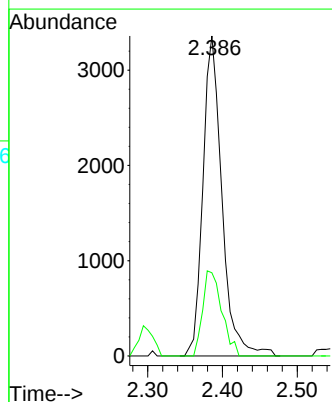
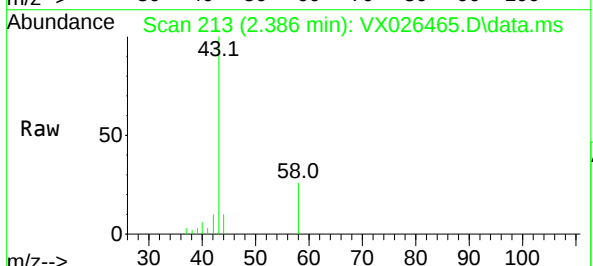
Acq: 14 Jan 2022 20:13

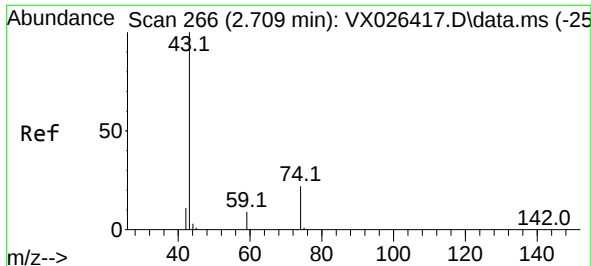
Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

43 100

58 26.0 23.0 34.6





#18

Methyl Acetate

Concen: 0.490 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX026465.D

Acq: 14 Jan 2022 20:13

Instrument :

MSVOA_X

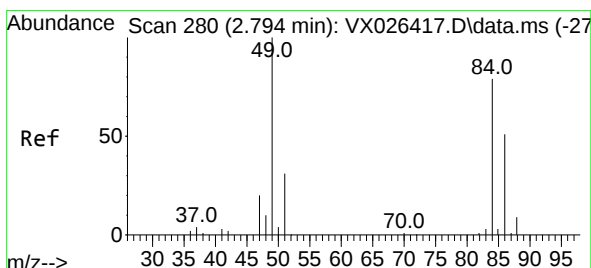
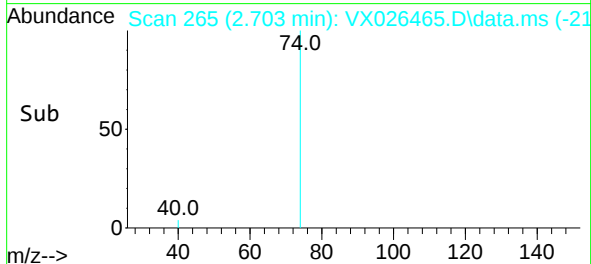
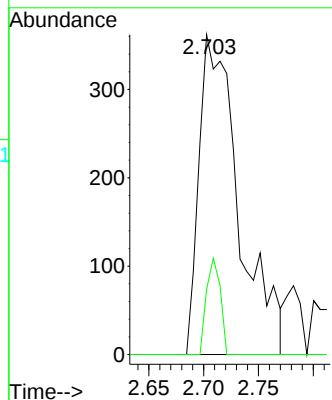
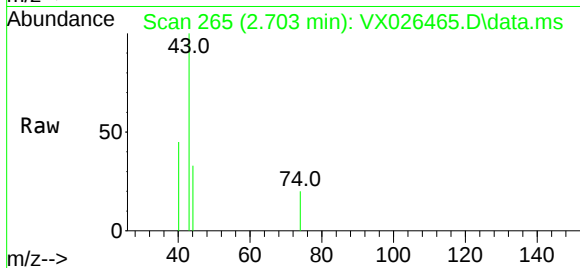
ClientSampleId :

Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

74 10.4 18.3 27.5#



#20

Methylene Chloride

Concen: 1.907 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026465.D

Acq: 14 Jan 2022 20:13

Tgt Ion: 84 Resp: 2944

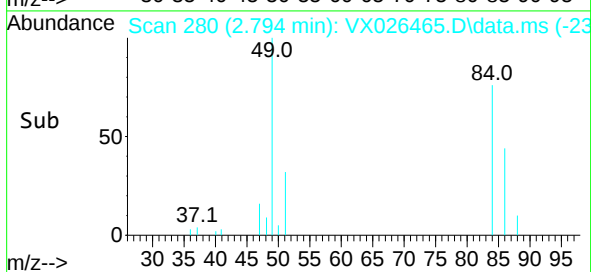
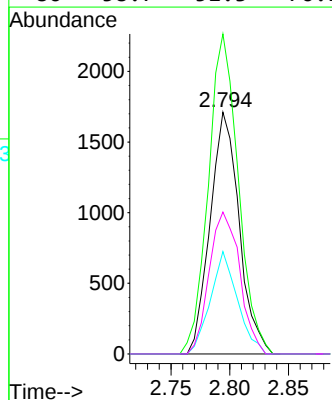
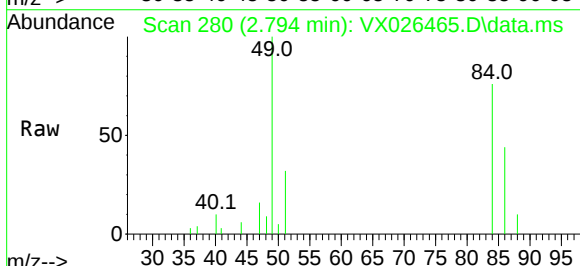
Ion Ratio Lower Upper

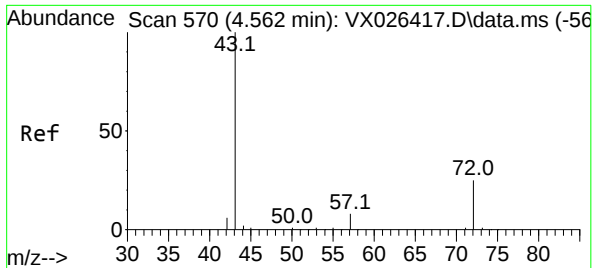
84 100

49 132.4 101.5 152.3

51 42.4 31.2 46.8

86 58.7 51.3 76.9

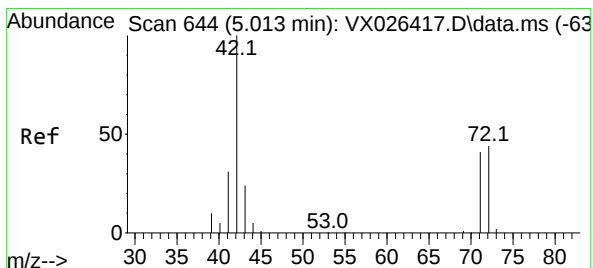
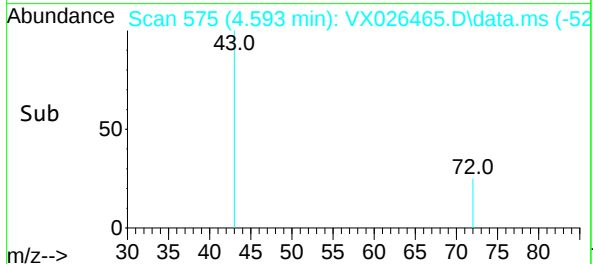
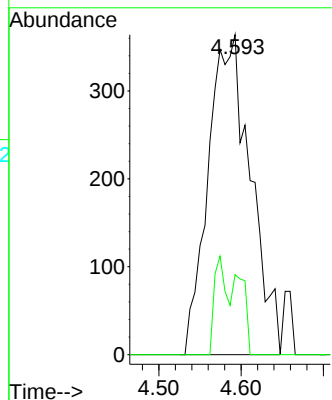
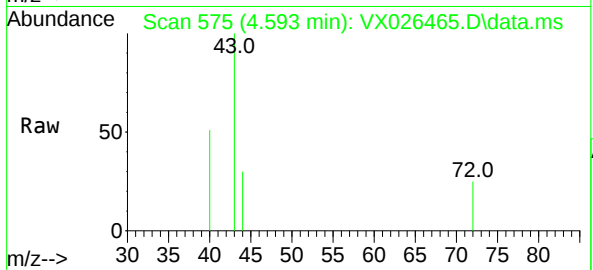




#25
2-Butanone
Concen: 1.070 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

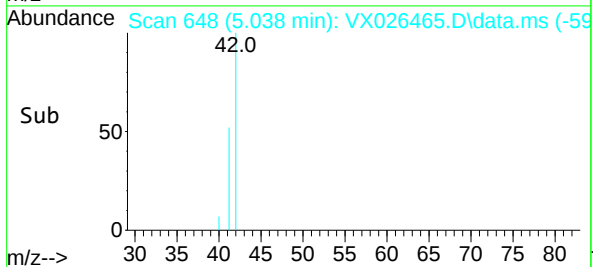
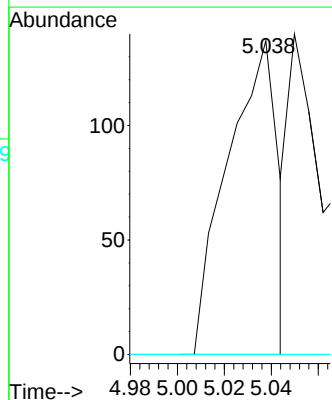
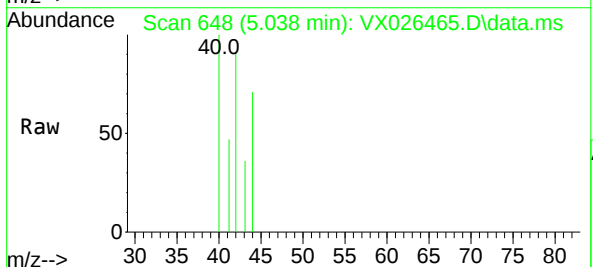
Instrument :
MSVOA_X
ClientSampleId :

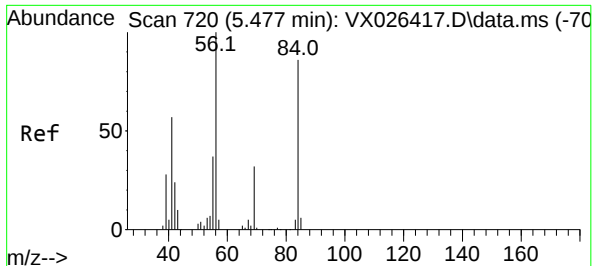
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
72 25.0 20.4 30.6



#29
Tetrahydrofuran
Concen: 0.283 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

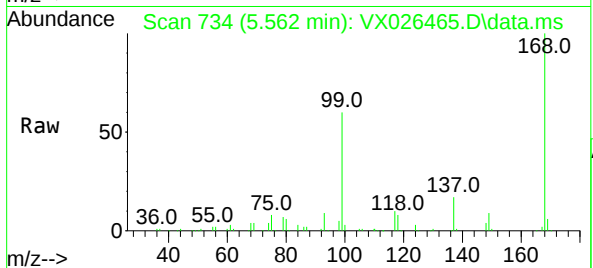
Tgt Ion: 42 Resp: 204
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 31.8 47.8#



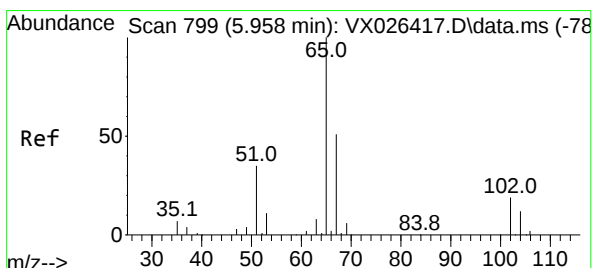
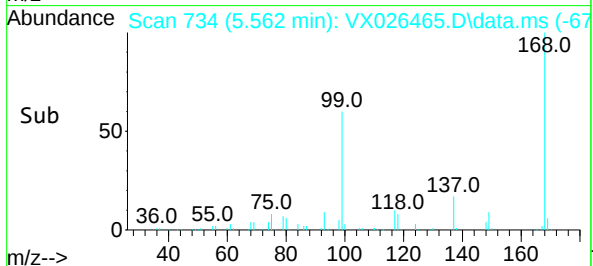
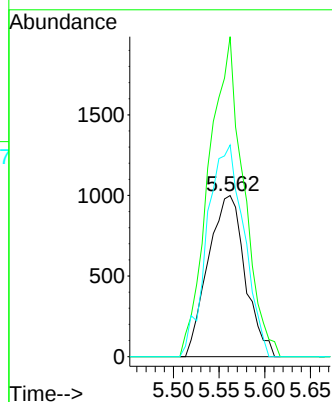


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :

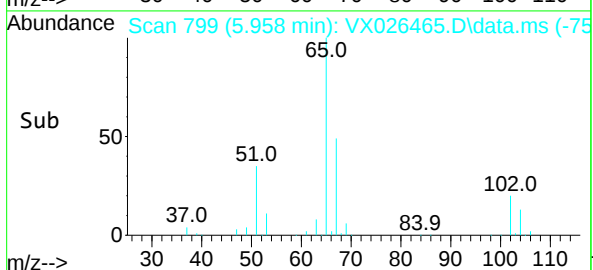
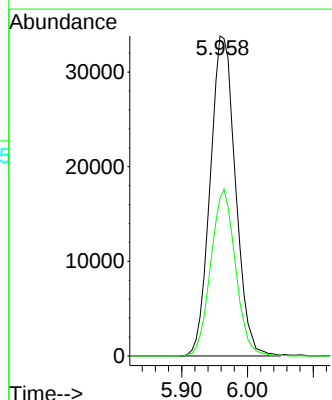
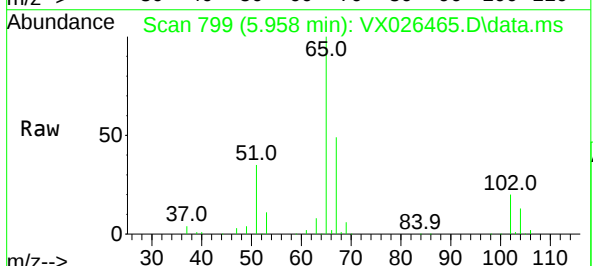


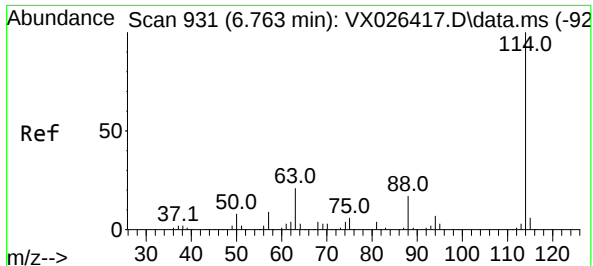
Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
69 198.7 25.8 38.6#
84 131.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.335 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion: 65 Resp: 90405
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

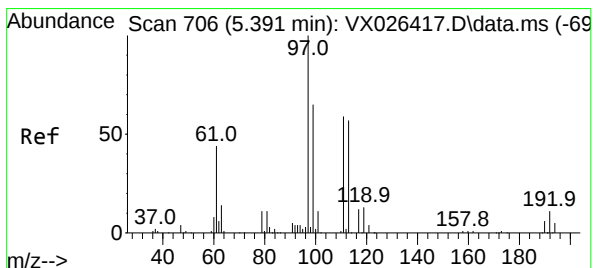
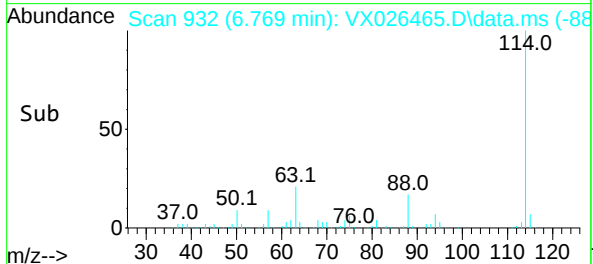
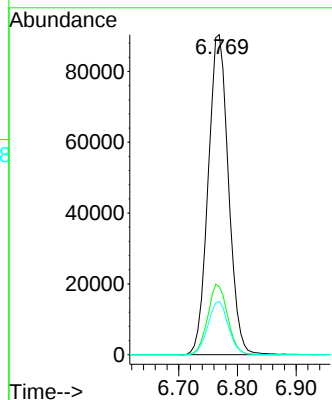
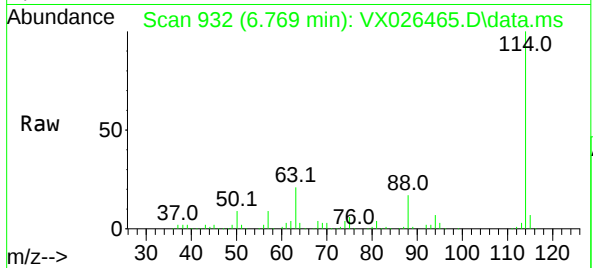




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

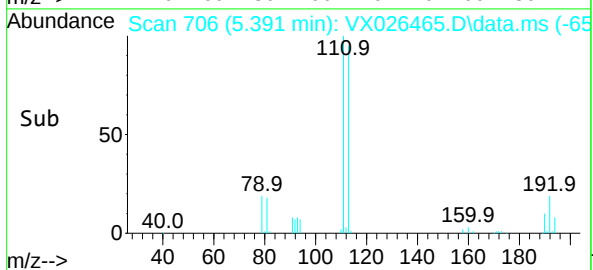
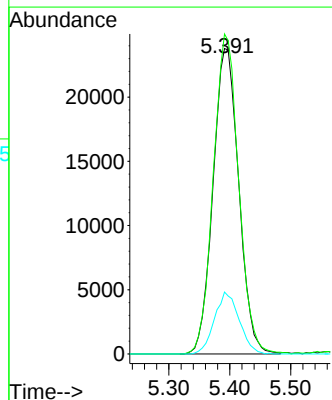
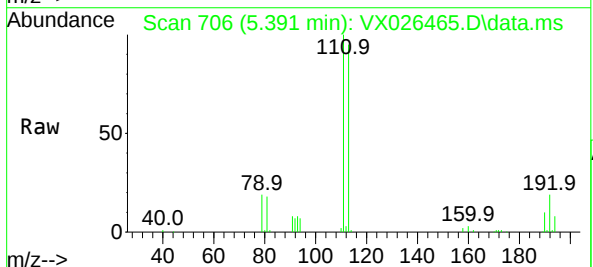
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ClientSampleId :

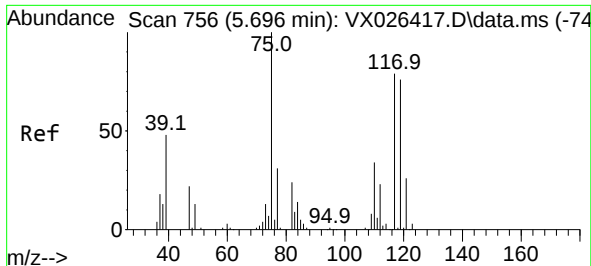
Tgt Ion:114 Resp: 216781
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

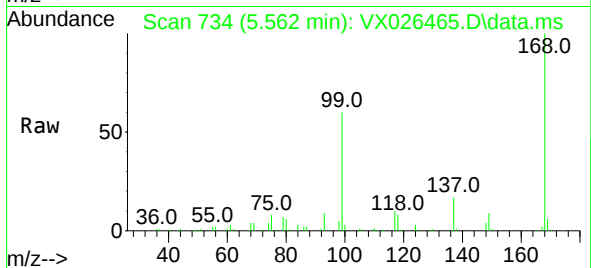
Tgt Ion:113 Resp: 69866
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.4 15.0 22.4



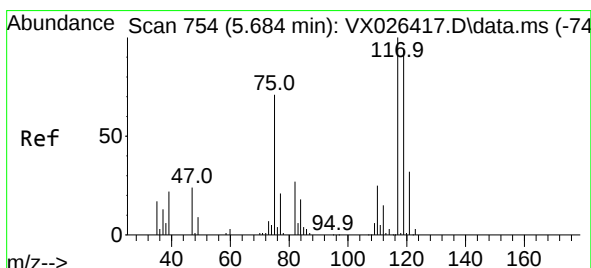
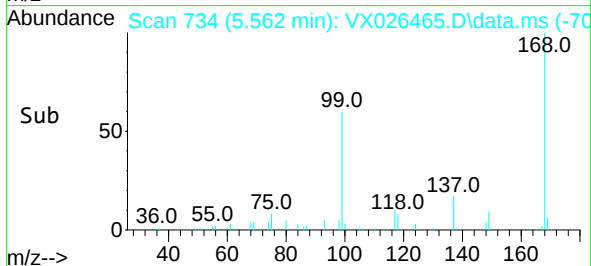
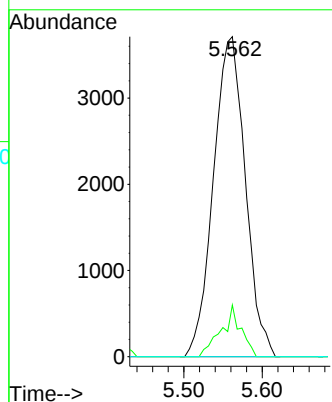


#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :

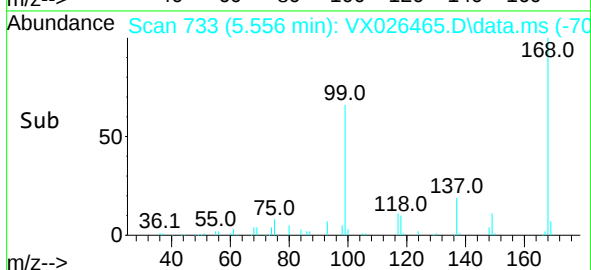
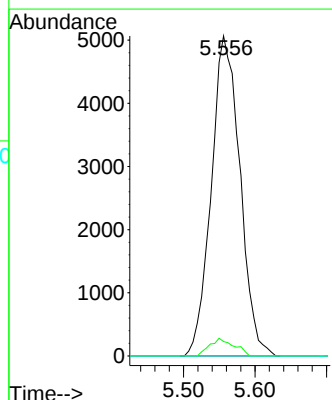
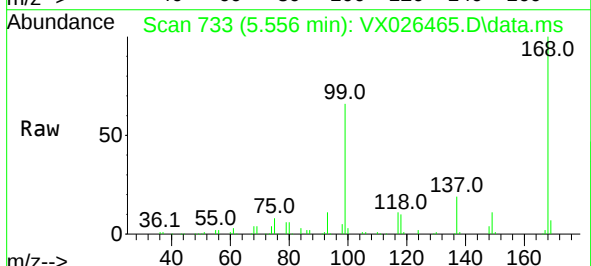


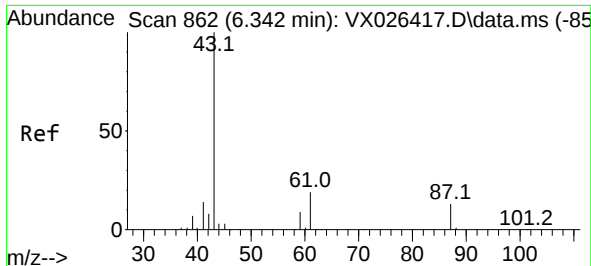
Tgt Ion: 75 Resp: 10505
Ion Ratio Lower Upper
75 100
110 10.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion: 117 Resp: 14103
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#

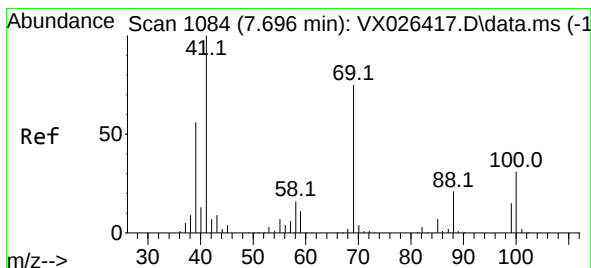
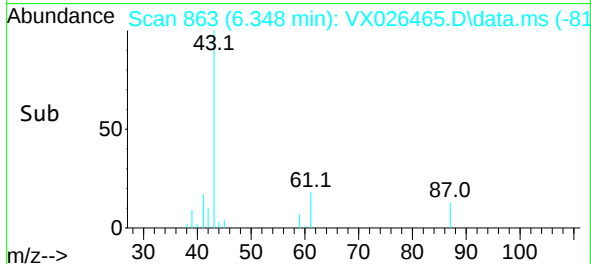
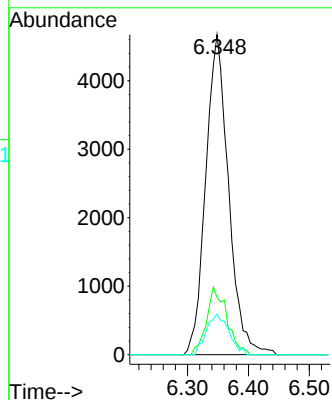
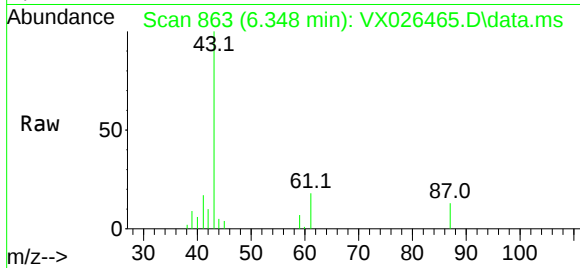




#43
Isopropyl Acetate
Concen: 3.371 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

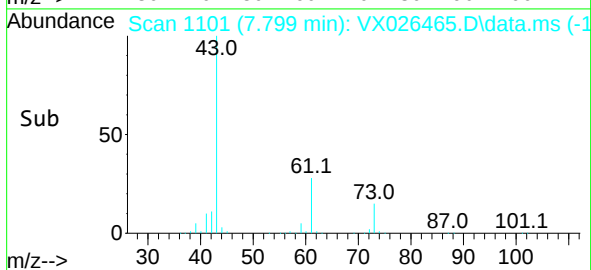
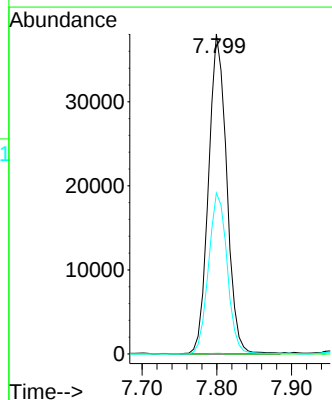
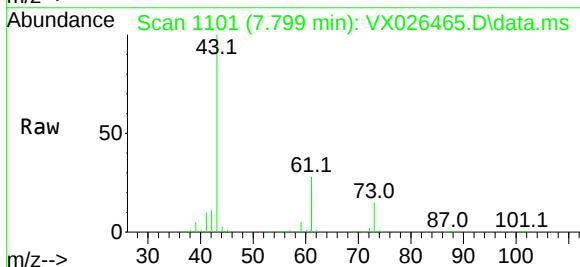
Instrument :
MSVOA_X
ClientSampleId :

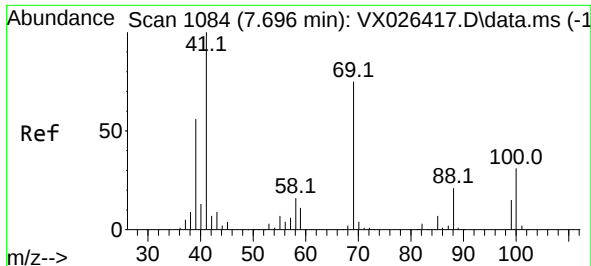
Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 12.5 10.2 15.2



#48
Methyl methacrylate
Concen: 36.027 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion: 41 Resp: 64475
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 51.5 45.4 68.0





#49

1,4-Dioxane

Concen: 0.987 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

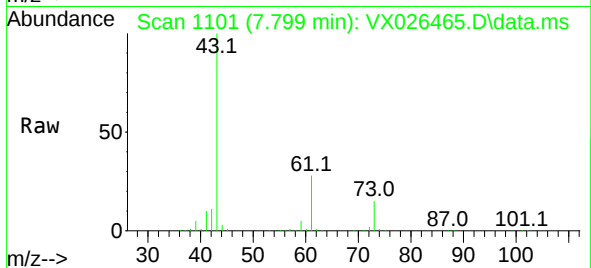
Lab File: VX026465.D

Acq: 14 Jan 2022 20:13

Instrument :

MSVOA_X

ClientSampleId :



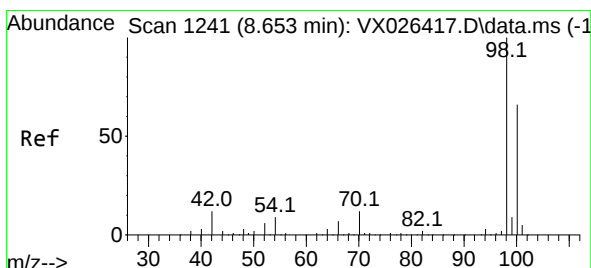
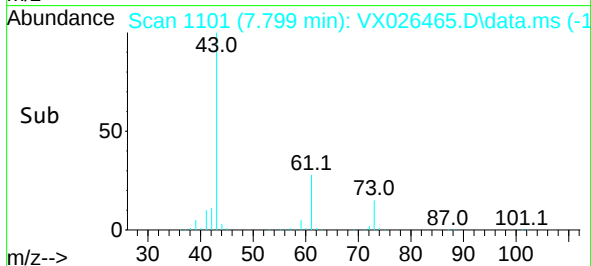
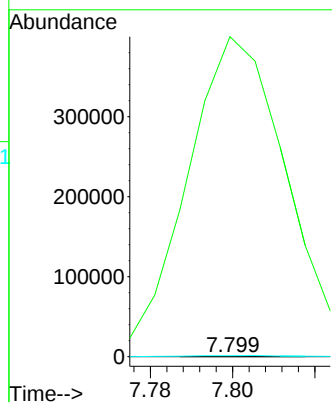
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 2362896.6 29.9 44.9#

58 8793.1 57.8 86.6#



#50

Toluene-d8

Concen: 50.379 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026465.D

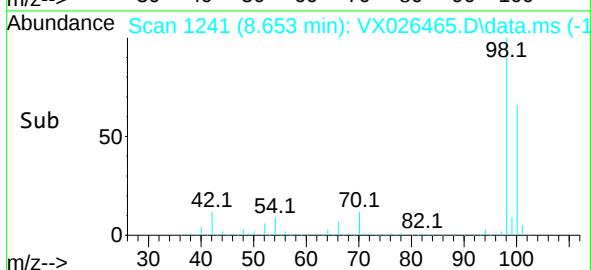
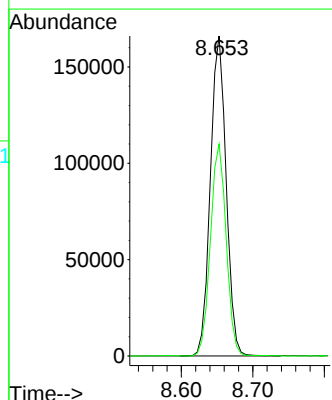
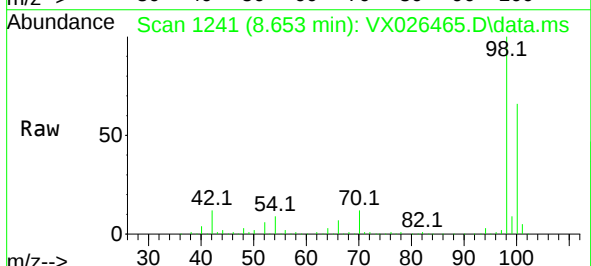
Acq: 14 Jan 2022 20:13

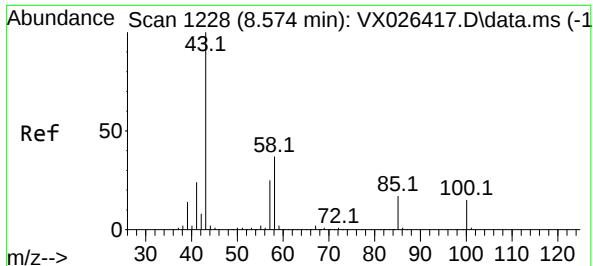
Tgt Ion: 98 Resp: 254147

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8

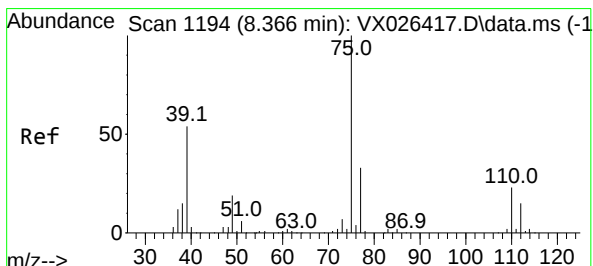
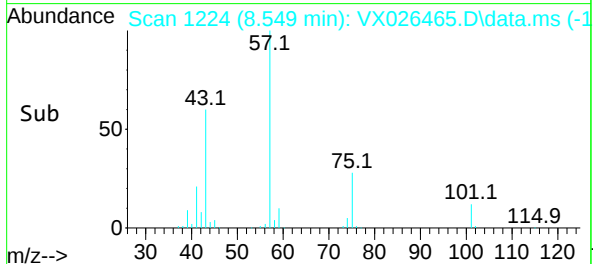
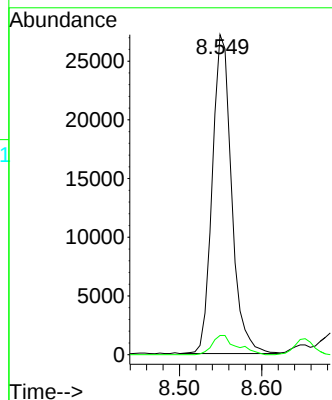
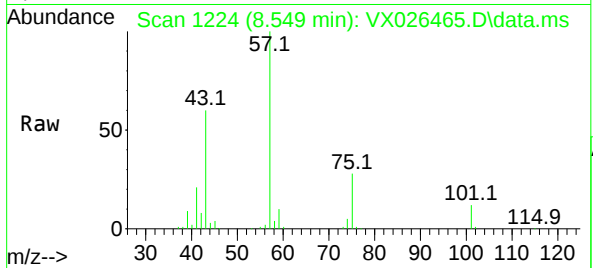




#51
4-Methyl-2-Pentanone
Concen: 20.639 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

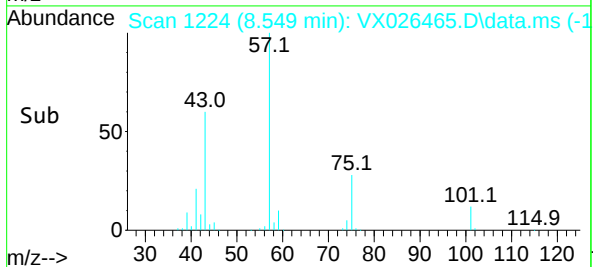
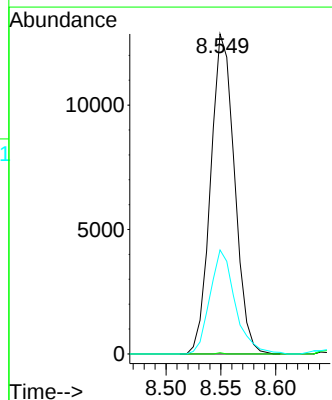
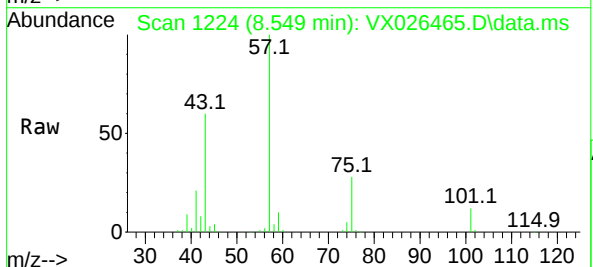
Instrument :
MSVOA_X
ClientSampleId :

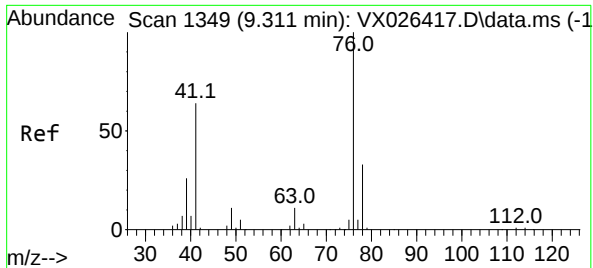
Tgt Ion: 43 Resp: 44206
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.345 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion: 75 Resp: 19466
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 32.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.646 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX026465.D

Acq: 14 Jan 2022 20:13

Instrument :

MSVOA_X

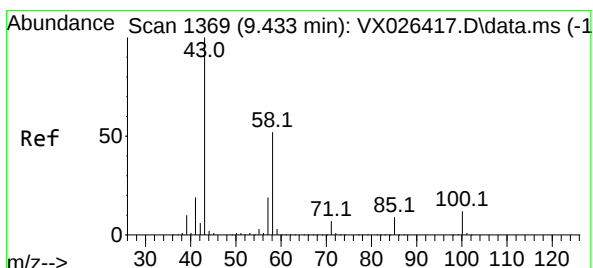
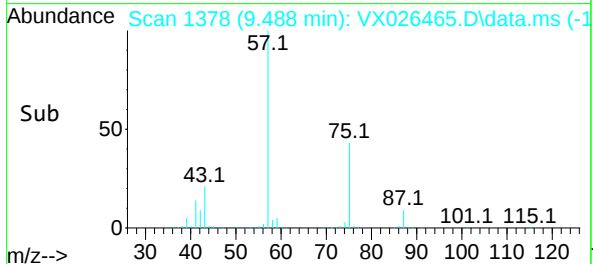
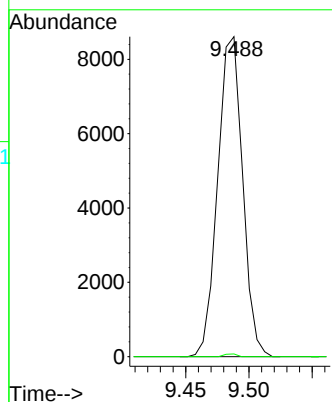
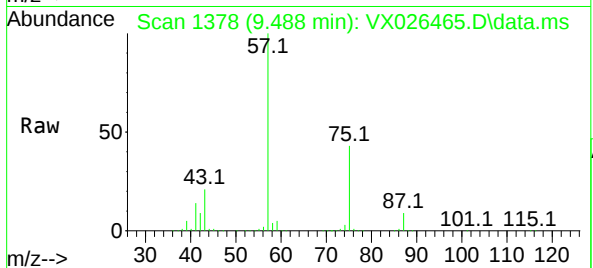
ClientSampleId :

Tgt Ion: 76 Resp: 11774

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 103.553 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026465.D

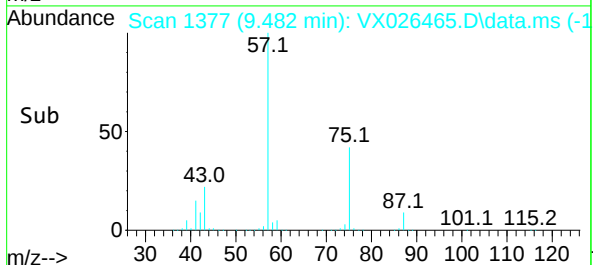
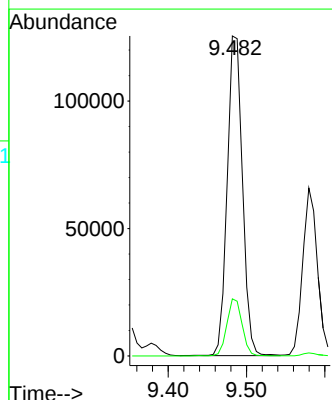
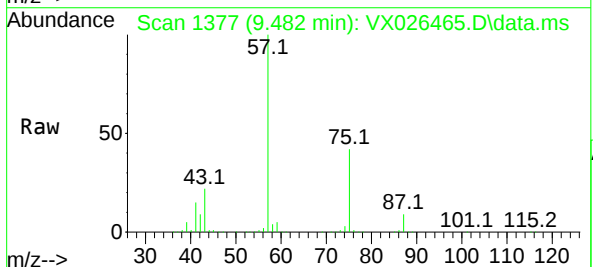
Acq: 14 Jan 2022 20:13

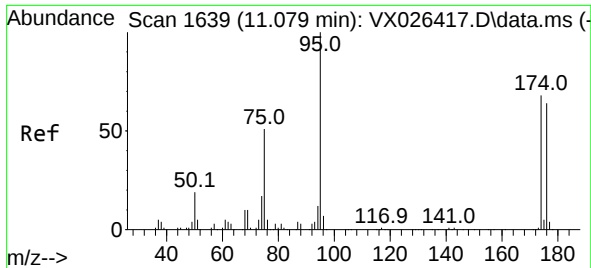
Tgt Ion: 43 Resp: 169760

Ion Ratio Lower Upper

43 100

58 17.9 26.4 79.2#

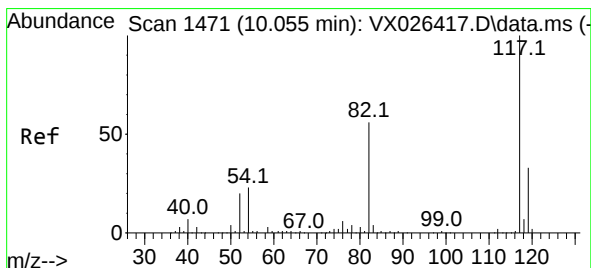
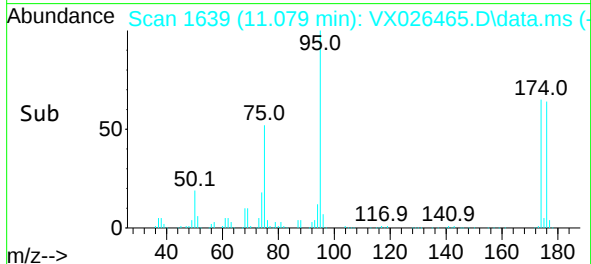
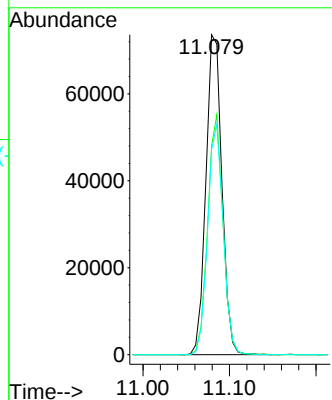
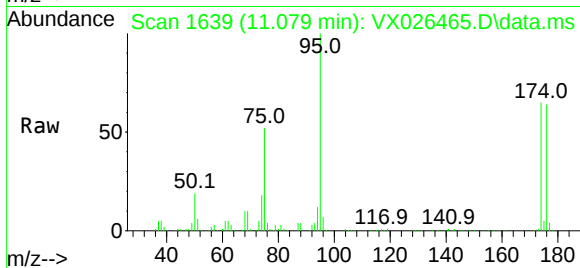




#62
4-Bromofluorobenzene
Concen: 52.715 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

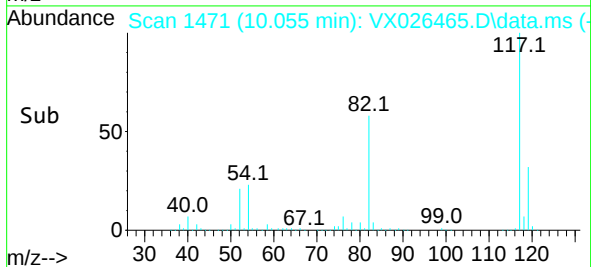
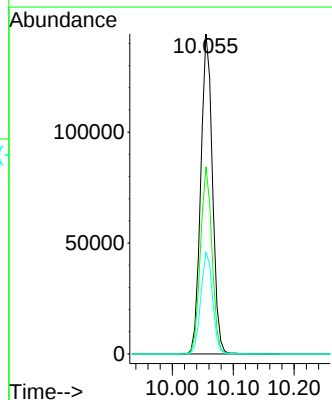
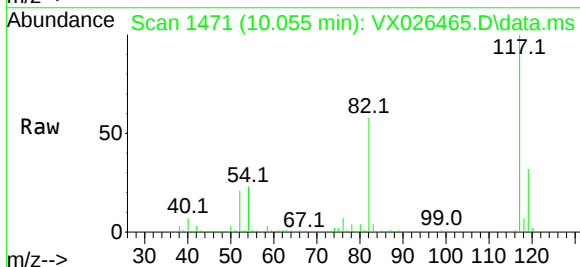
Instrument :
MSVOA_X
ClientSampleId :

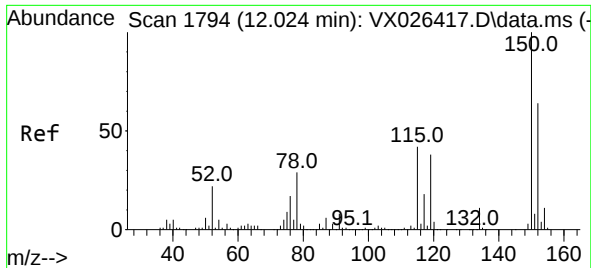
Tgt Ion: 95 Resp: 94468
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.6
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

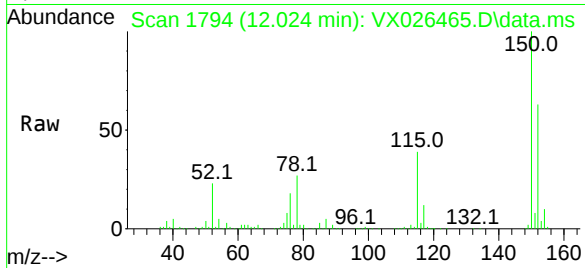
Tgt Ion: 117 Resp: 192205
Ion Ratio Lower Upper
117 100
82 58.4 45.2 67.8
119 31.8 26.2 39.2



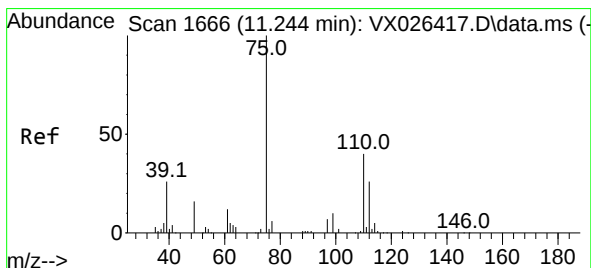
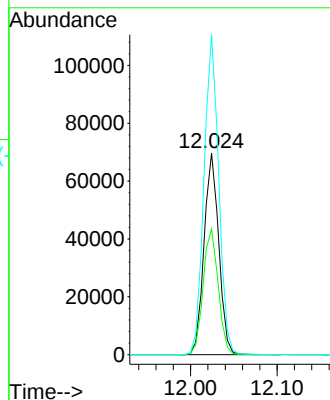
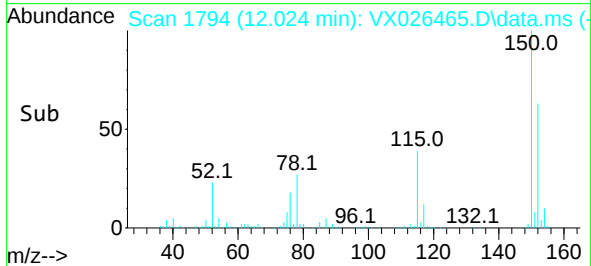


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026465.D
 Acq: 14 Jan 2022 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

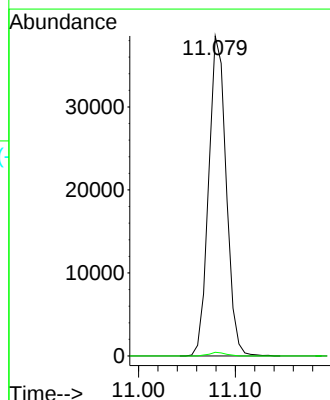
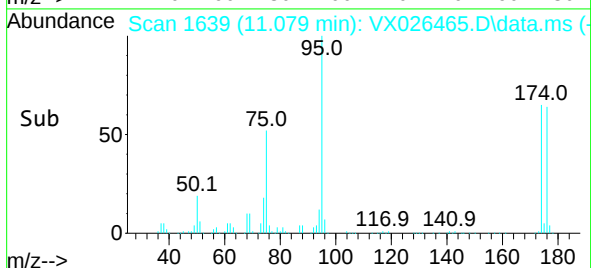
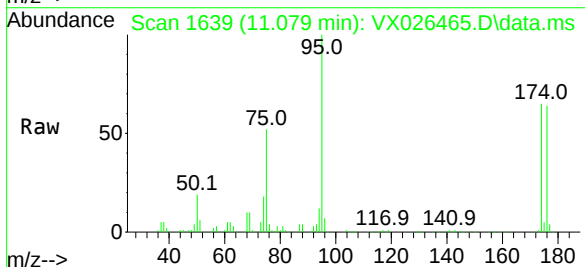


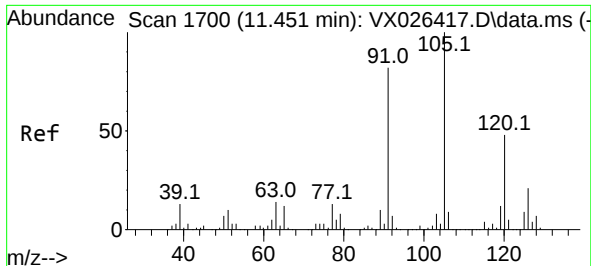
Tgt Ion:152 Resp: 82041
 Ion Ratio Lower Upper
 152 100
 115 63.9 44.2 132.6
 150 159.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.832 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026465.D
 Acq: 14 Jan 2022 20:13

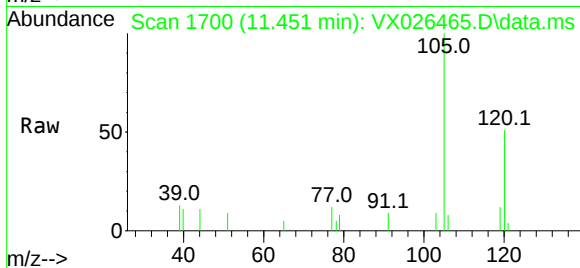
Tgt Ion: 75 Resp: 48468
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#



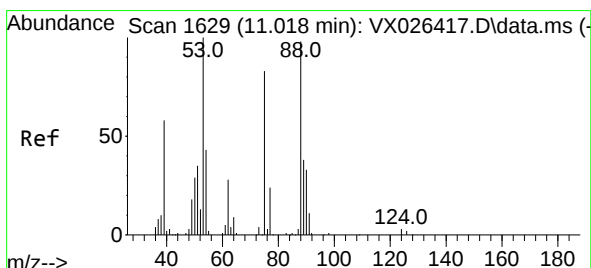
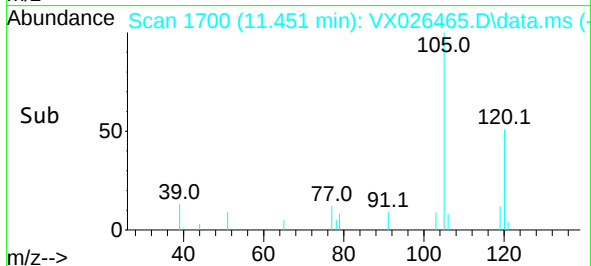
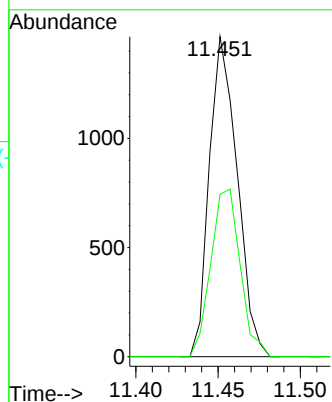


#80
1,3,5-Trimethylbenzene
Concen: 0.312 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 1728
Ion Ratio Lower Upper
105 100
120 55.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 81.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026465.D
Acq: 14 Jan 2022 20:13

Tgt Ion: 75 Resp: 48468
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

