

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026468.D
 Acq On : 14 Jan 2022 21:22
 Operator : JC/MD
 Sample : PB142010ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

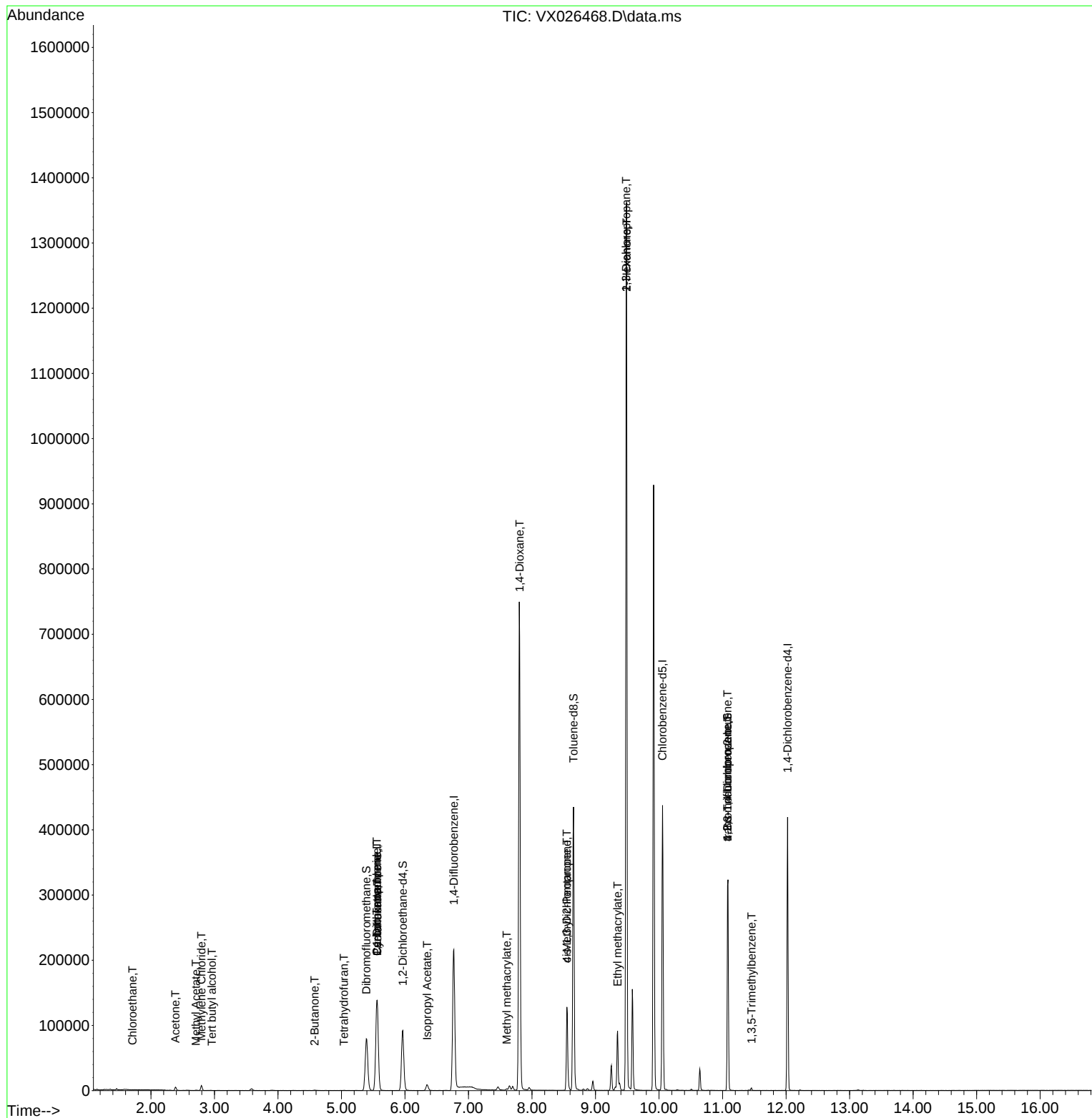
Quant Time: Jan 17 00:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	128280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89725	50.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.391	113	68945	49.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.100%	
50) Toluene-d8	8.653	98	249892	49.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	11.079	95	90383	50.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.480%	
Target Compounds						Qvalue
6) Chloroethane	1.709	64	269	0.365	ug/l #	43
11) Tert butyl alcohol	2.959	59	75	0.301	ug/l #	75
16) Acetone	2.386	43	5750	6.292	ug/l	98
18) Methyl Acetate	2.709	43	795	0.438	ug/l #	81
20) Methylene Chloride	2.794	84	2974	1.970	ug/l	96
25) 2-Butanone	4.574	43	1191	1.002	ug/l #	83
29) Tetrahydrofuran	5.038	42	300	0.425	ug/l #	34
31) Cyclohexane	5.562	56	2824	1.068	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	10430	4.748	ug/l #	46
38) Carbon Tetrachloride	5.556	117	13757	6.088	ug/l #	17
43) Isopropyl Acetate	6.348	43	12284	3.422	ug/l	99
48) Methyl methacrylate	7.604	41	3344	1.880	ug/l #	16
49) 1,4-Dioxane	7.805	88	23	0.788	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44914	21.096	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19844	8.559	ug/l #	58
56) Ethyl methacrylate	9.348	69	556	0.250	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	11983	4.757	ug/l #	43
59) 2-Hexanone	9.488	43	171973	105.536	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	46424	26.629	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	1820	0.340	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	46424	80.616	ug/l #	3

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

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MSVOA_X
ClientSampleId :

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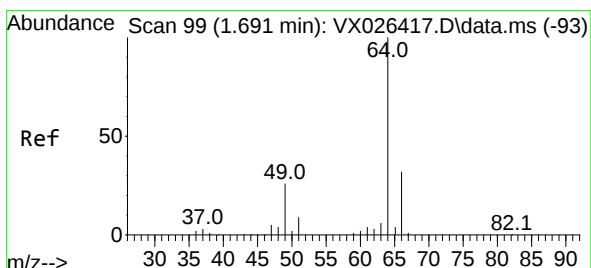
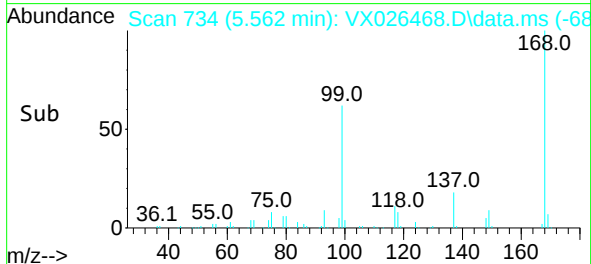
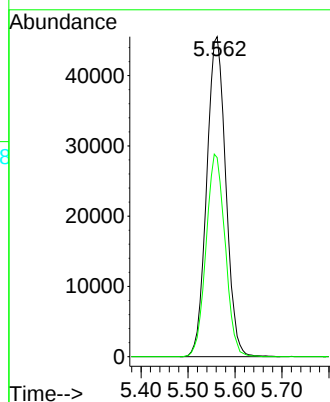
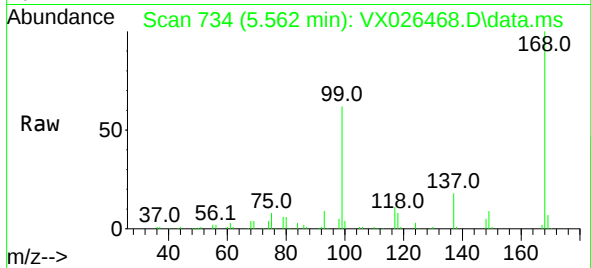




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

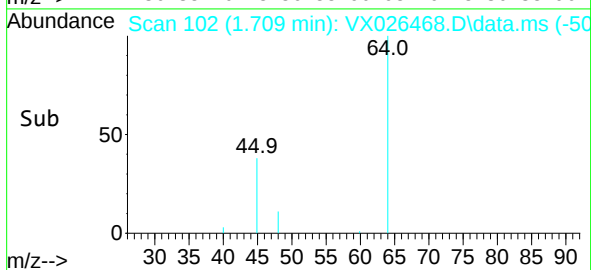
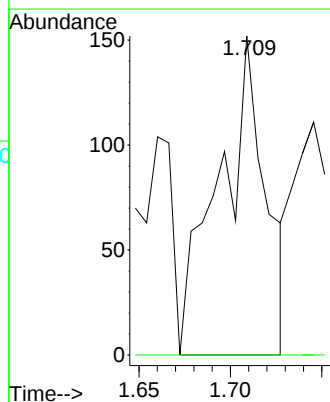
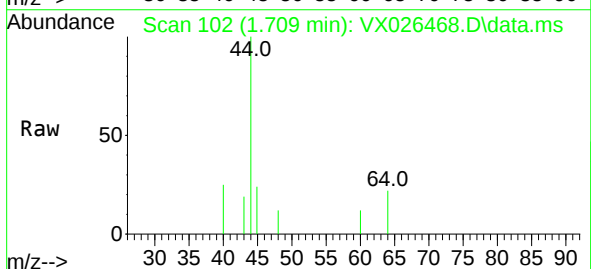
Instrument :
MSVOA_X
ClientSampleId :

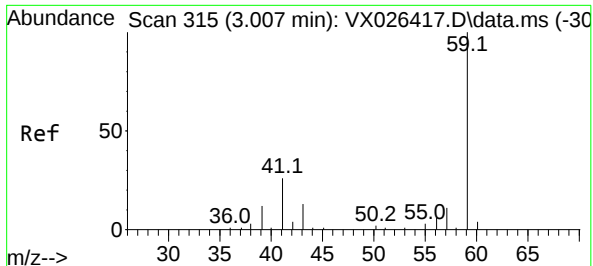
Tgt Ion:168 Resp: 128280
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#6
Chloroethane
Concen: 0.365 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.018 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

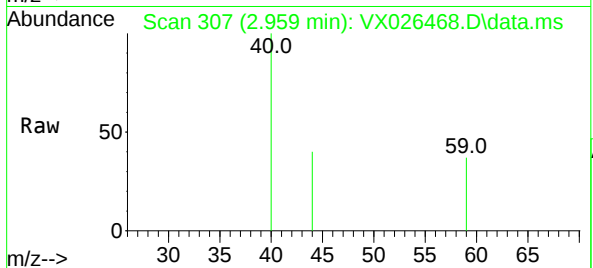
Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



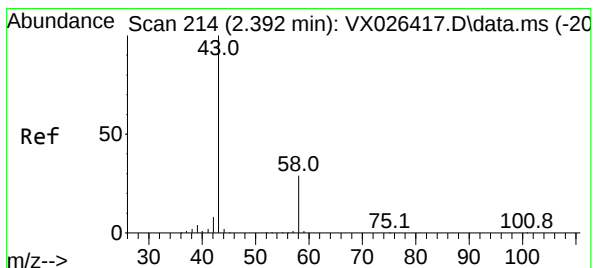
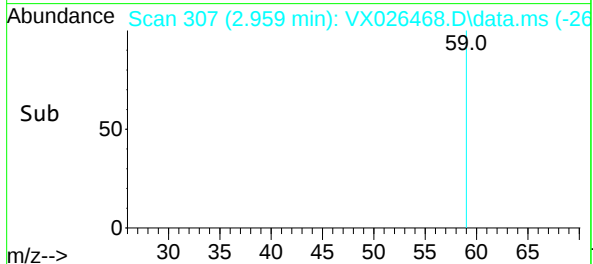
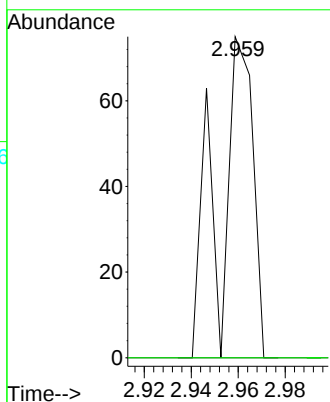


#11
Tert butyl alcohol
Concen: 0.301 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Instrument :
MSVOA_X
ClientSampleId :

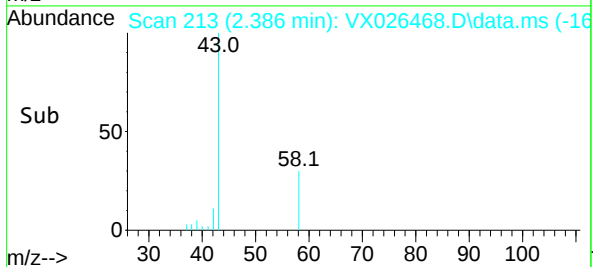
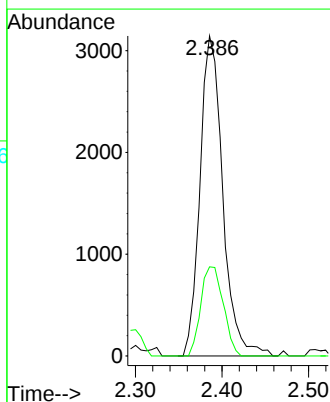
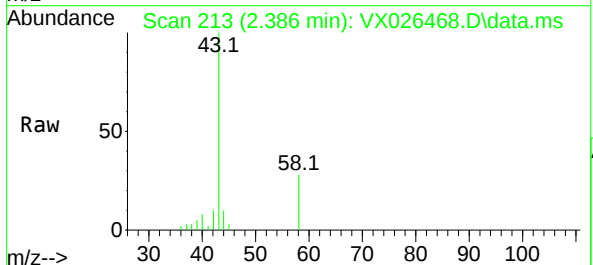


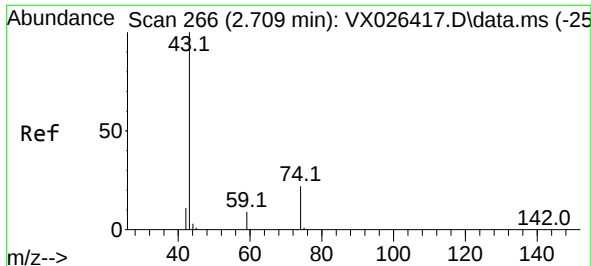
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 6.292 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion: 43 Resp: 5750
Ion Ratio Lower Upper
43 100
58 27.9 23.0 34.6





#18

Methyl Acetate

Concen: 0.438 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

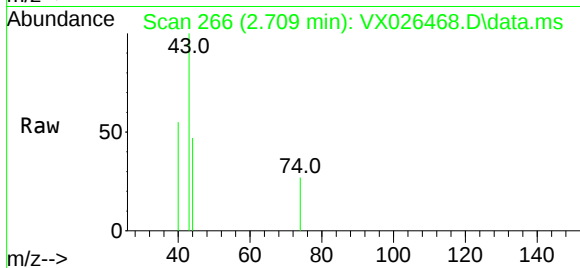
Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

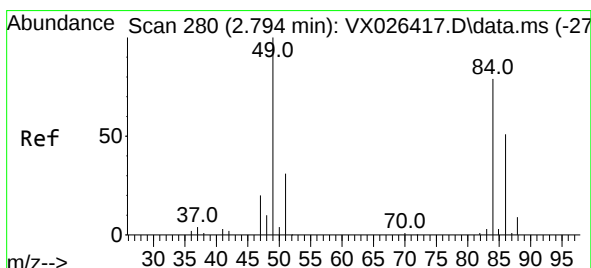
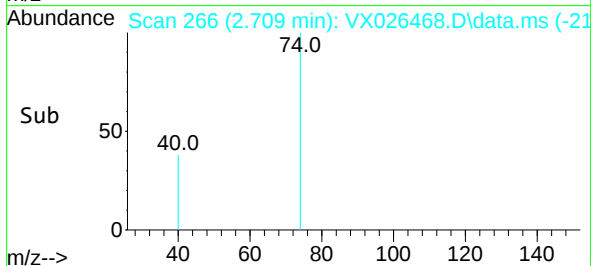
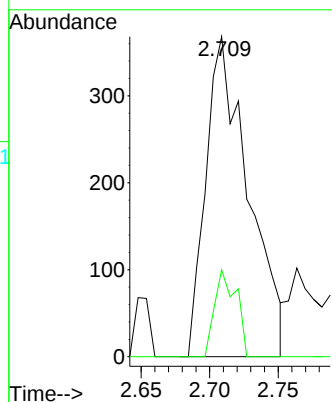


Tgt Ion: 43 Resp: 795

Ion Ratio Lower Upper

43 100

74 13.7 18.3 27.5#



#20

Methylene Chloride

Concen: 1.970 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Tgt Ion: 84 Resp: 2974

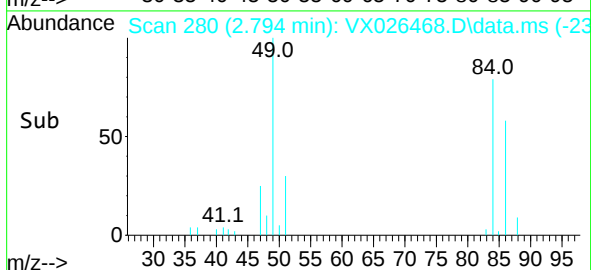
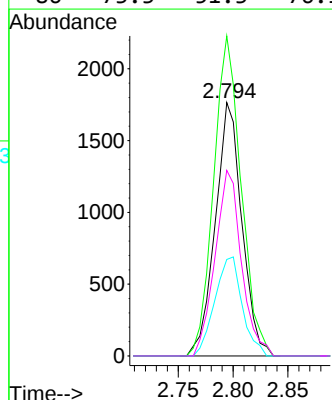
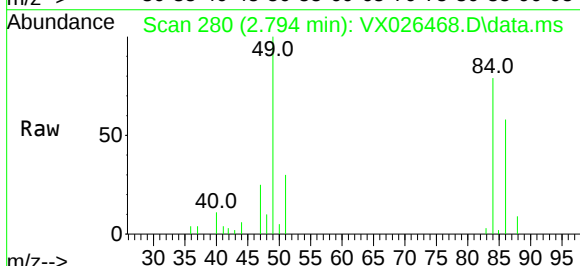
Ion Ratio Lower Upper

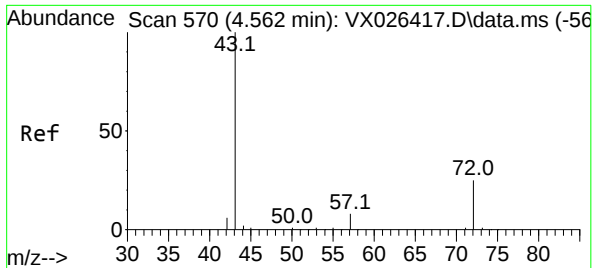
84 100

49 126.3 101.5 152.3

51 38.1 31.2 46.8

86 73.3 51.3 76.9

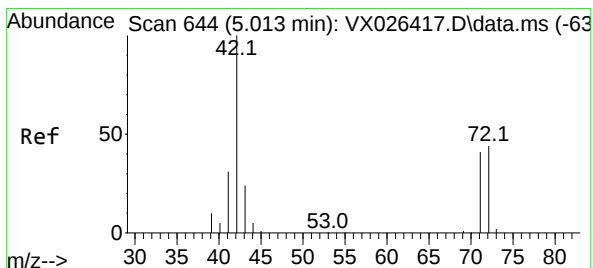
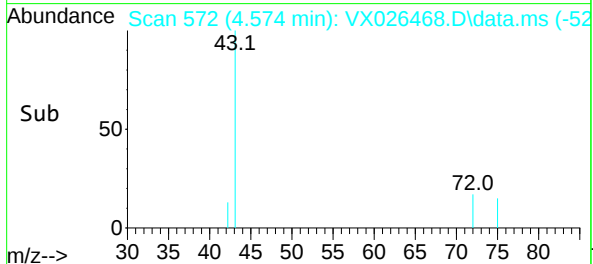
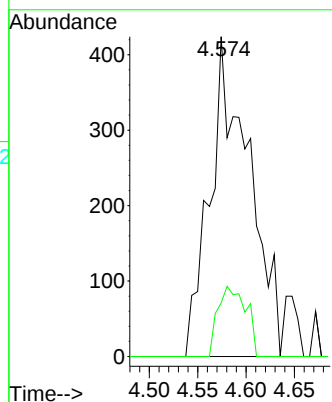
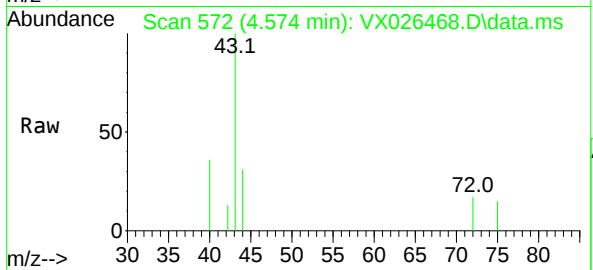




#25
2-Butanone
Concen: 1.002 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

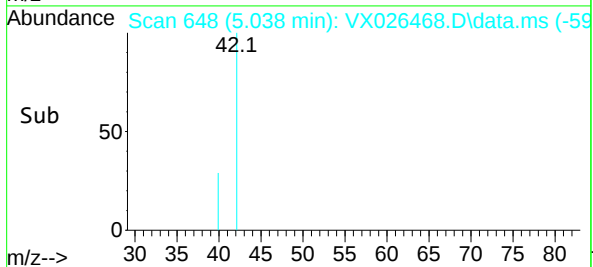
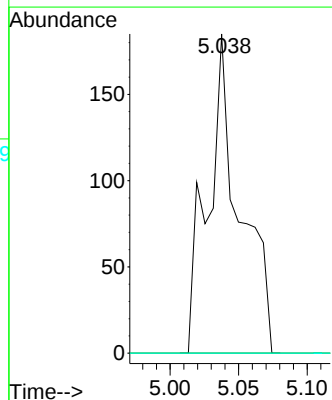
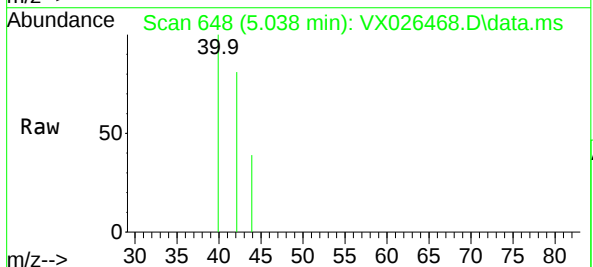
Instrument :
MSVOA_X
ClientSampleId :

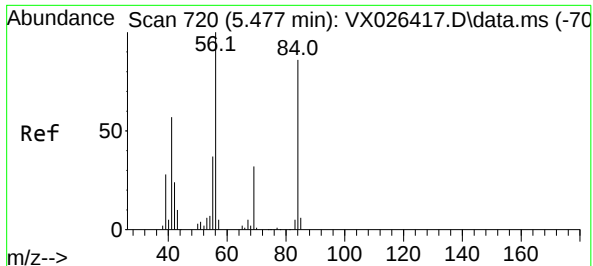
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
72 16.7 20.4 30.6#



#29
Tetrahydrofuran
Concen: 0.425 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

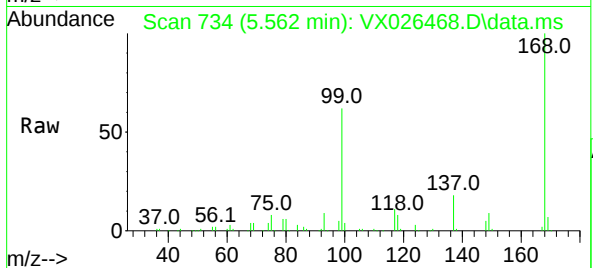
Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 31.8 47.8#



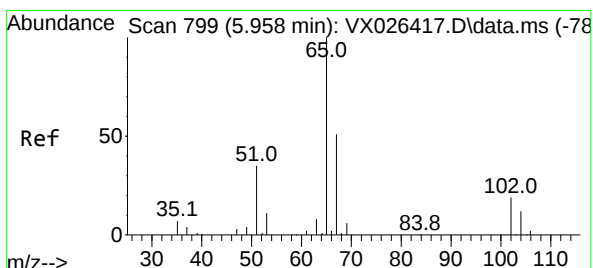
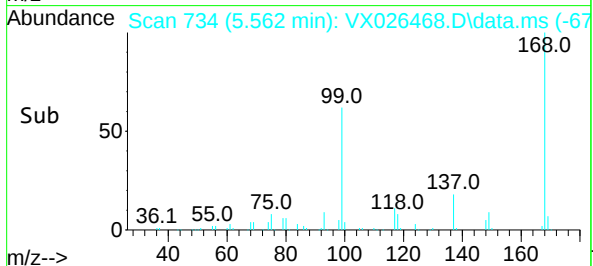
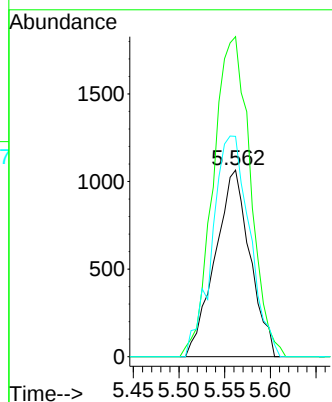


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Instrument :
MSVOA_X
ClientSampleId :

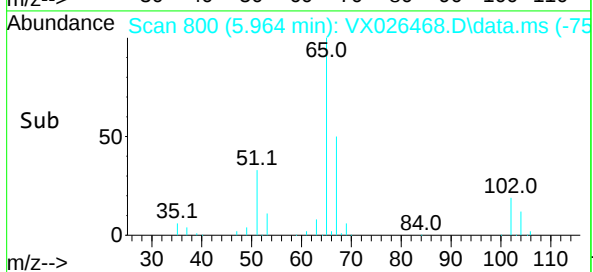
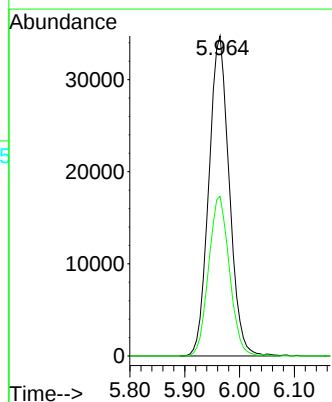
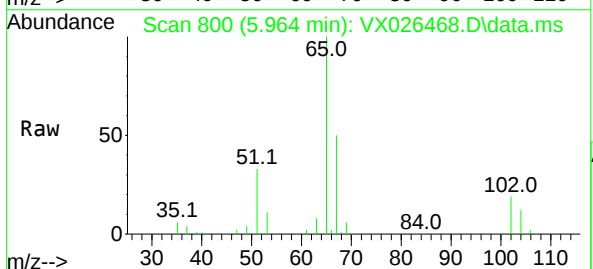


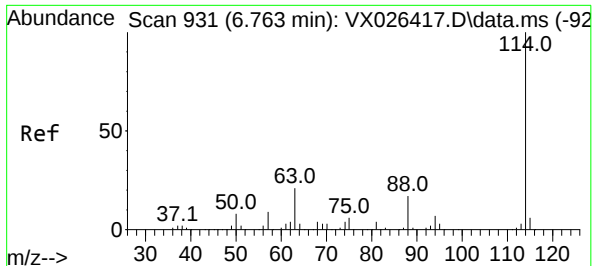
Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 171.5 25.8 38.6#
84 118.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion: 65 Resp: 89725
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

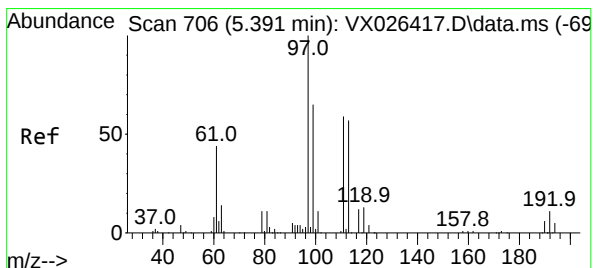
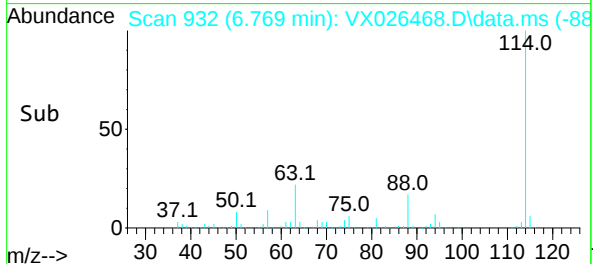
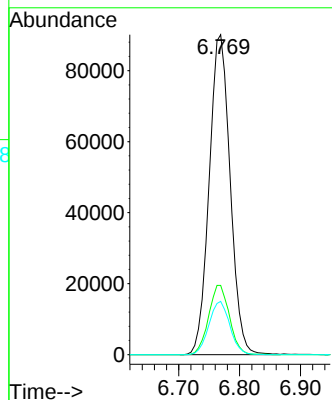
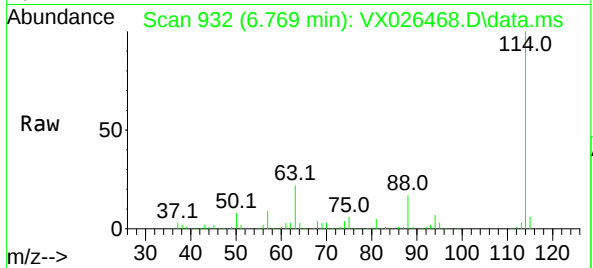




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

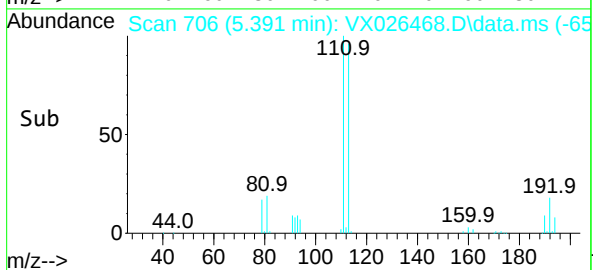
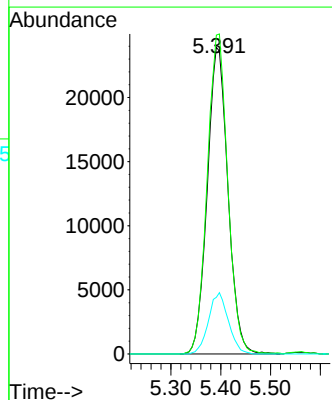
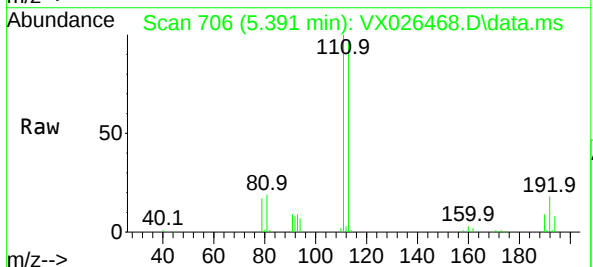
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MSVOA_X
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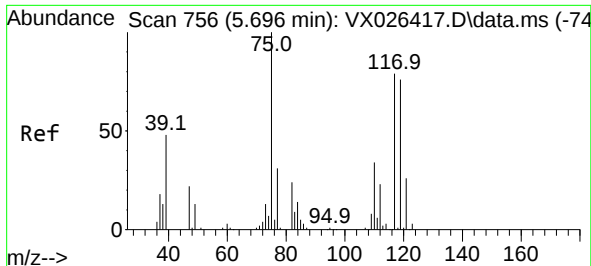
Tgt Ion:114 Resp: 215480
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

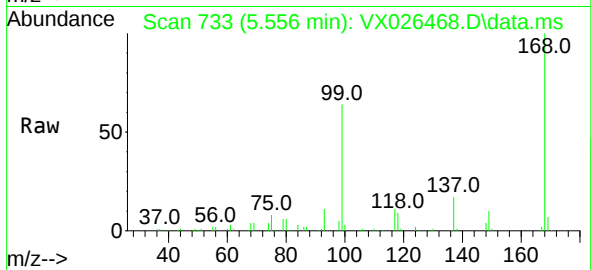
Tgt Ion:113 Resp: 68945
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.2 15.0 22.4



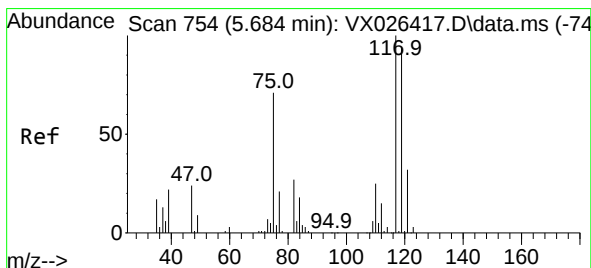
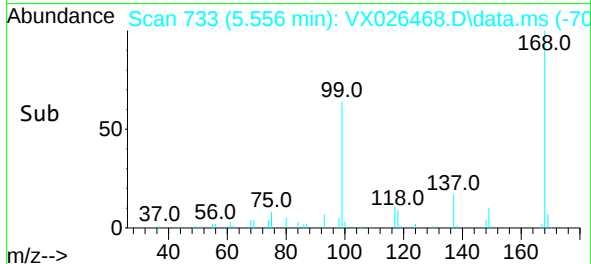
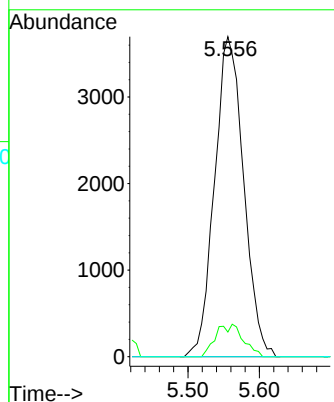


#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Instrument :
MSVOA_X
ClientSampleId :

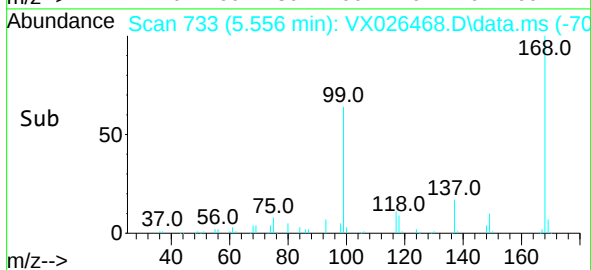
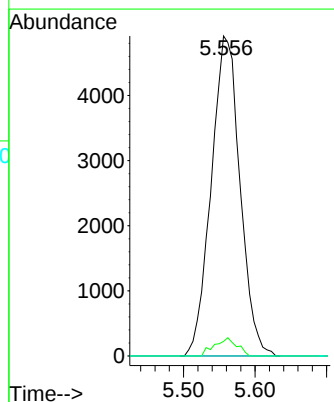
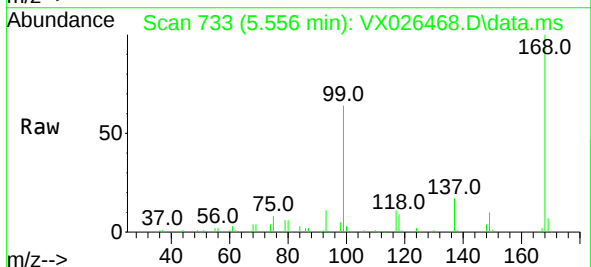


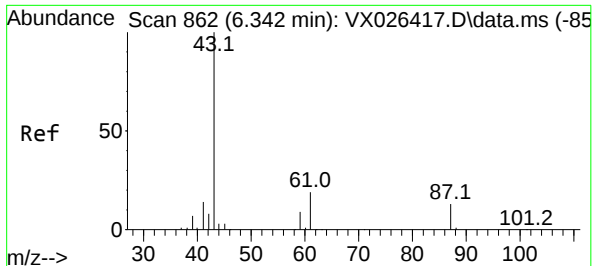
Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
110 4.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion: 117 Resp: 13757
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#

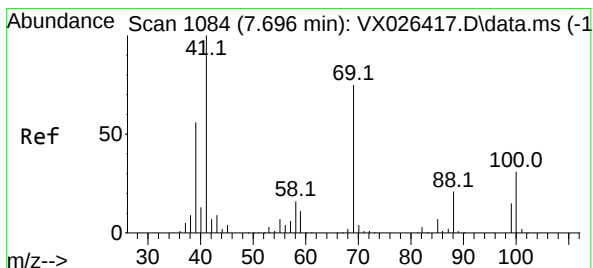
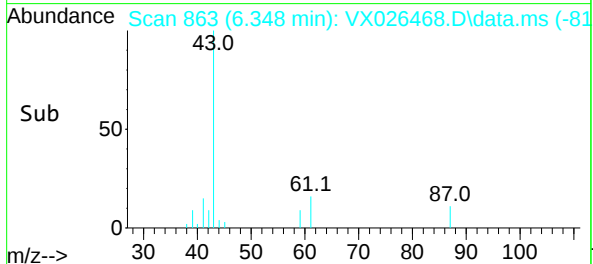
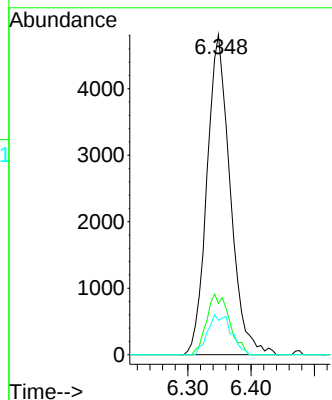
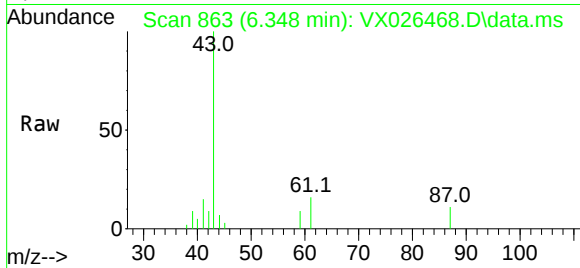




#43
Isopropyl Acetate
Concen: 3.422 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

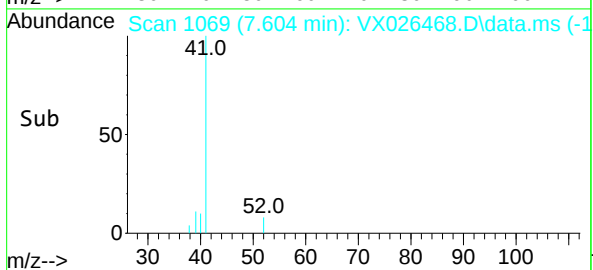
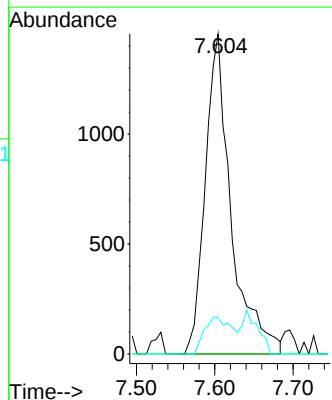
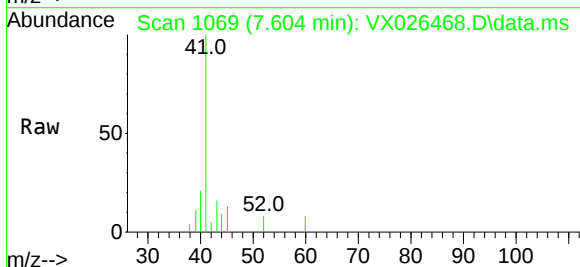
Instrument :
MSVOA_X
ClientSampleId :

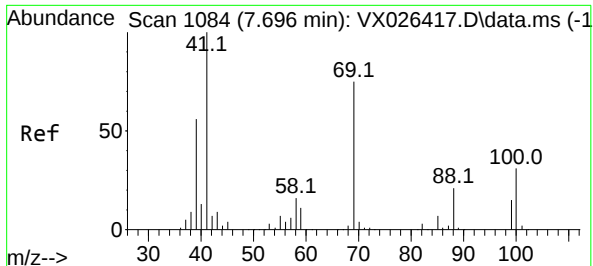
Tgt Ion: 43 Resp: 12284
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 12.6 10.2 15.2



#48
Methyl methacrylate
Concen: 1.880 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion: 41 Resp: 3344
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 0.788 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

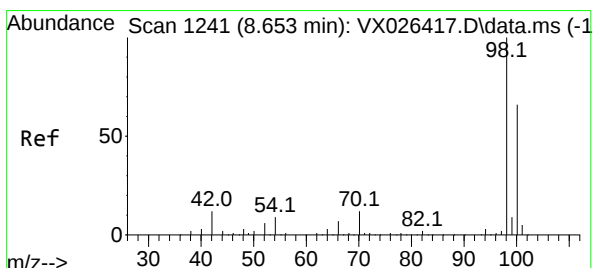
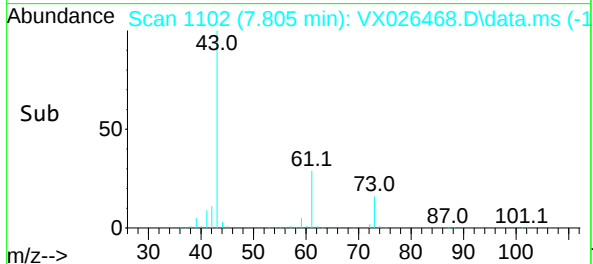
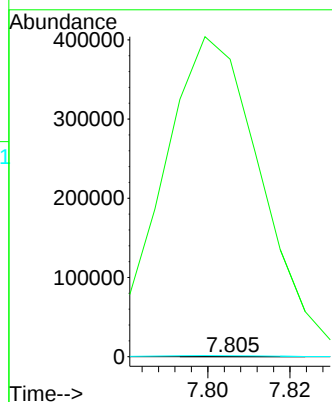
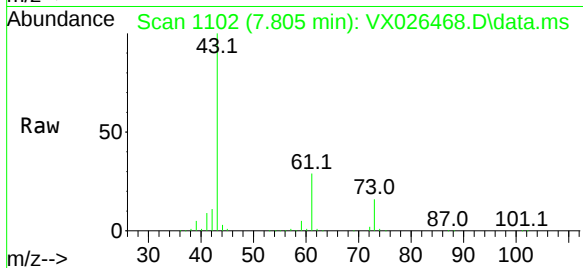
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 3005947.8 29.9 44.9#

58 11478.3 57.8 86.6#



#50

Toluene-d8

Concen: 49.835 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026468.D

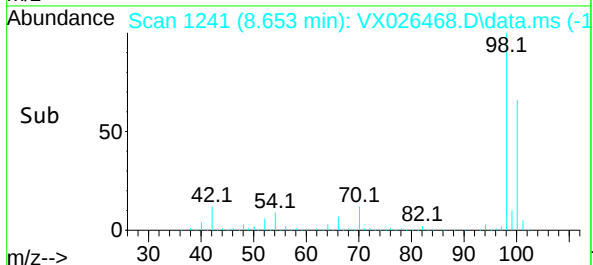
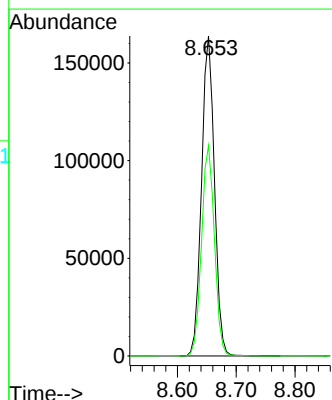
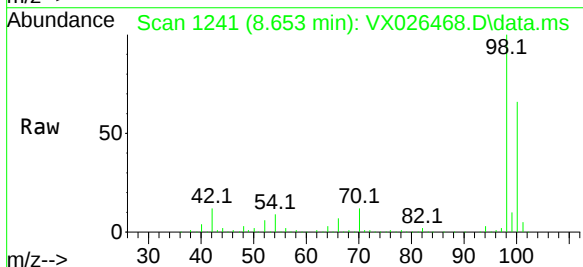
Acq: 14 Jan 2022 21:22

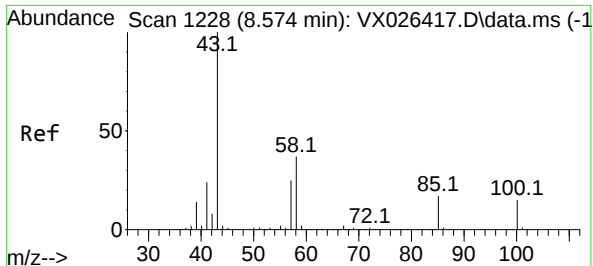
Tgt Ion: 98 Resp: 249892

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8

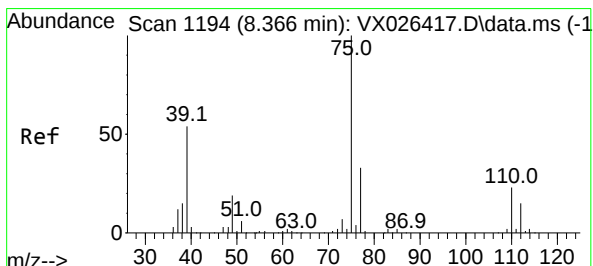
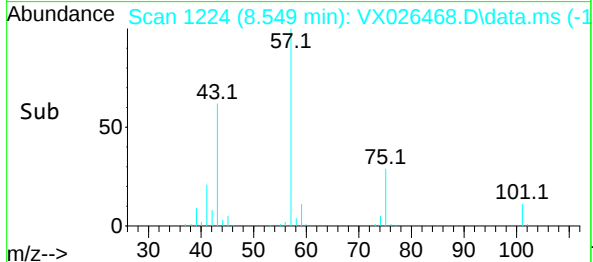
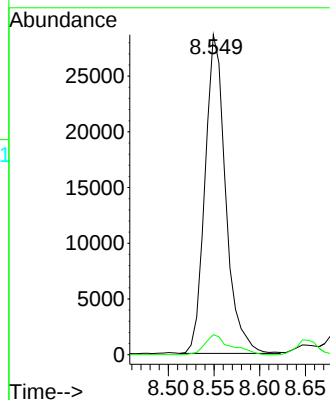
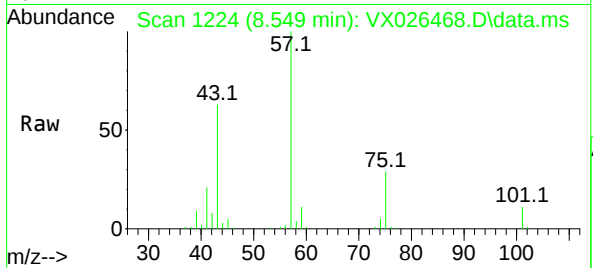




#51
4-Methyl-2-Pentanone
Concen: 21.096 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

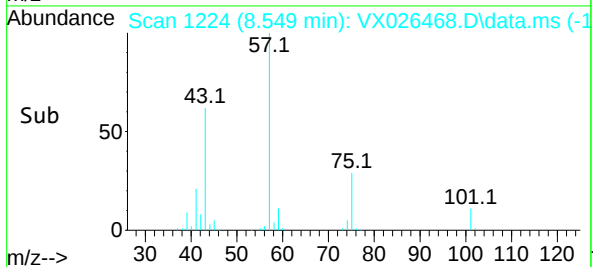
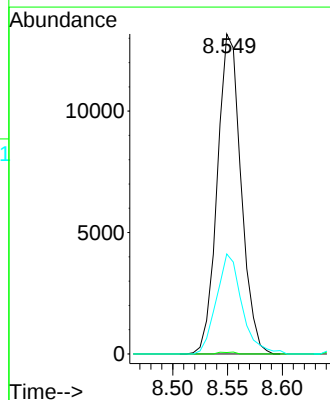
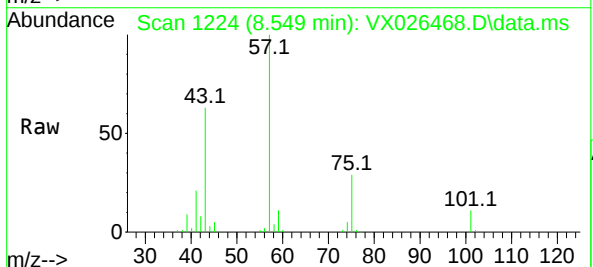
Instrument :
MSVOA_X
ClientSampleId :

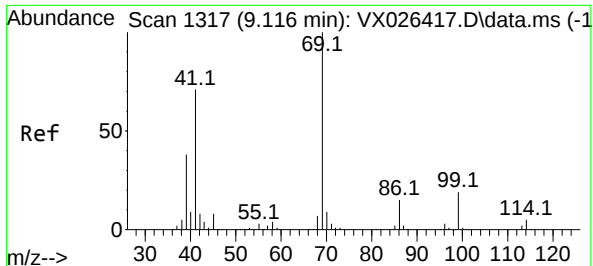
Tgt Ion: 43 Resp: 44914
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.559 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion: 75 Resp: 19844
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 31.2 43.5 65.3#





#56

Ethyl methacrylate

Concen: 0.250 ug/l

RT: 9.348 min Scan# 11

Delta R.T. 0.232 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

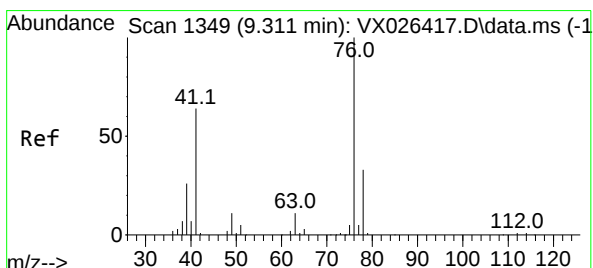
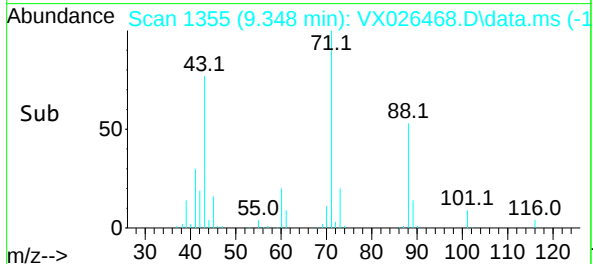
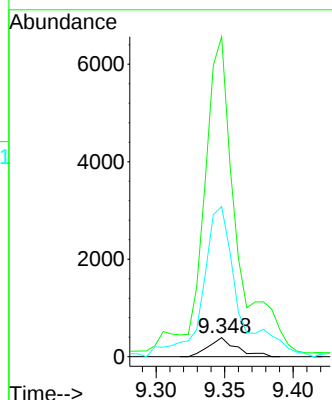
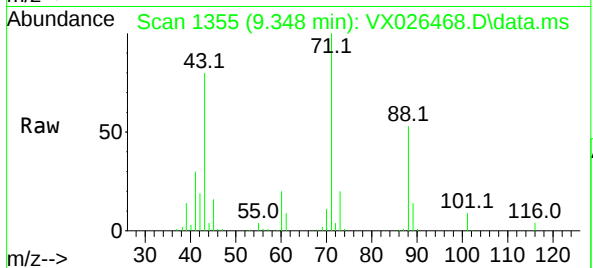
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69 Resp: 556

Ion	Ratio	Lower	Upper
69	100		
41	1924.1	57.2	85.8#
39	989.7	30.9	46.3#



#57

1,3-Dichloropropane

Concen: 4.757 ug/l

RT: 9.482 min Scan# 1377

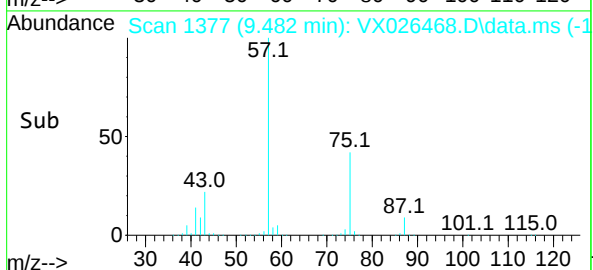
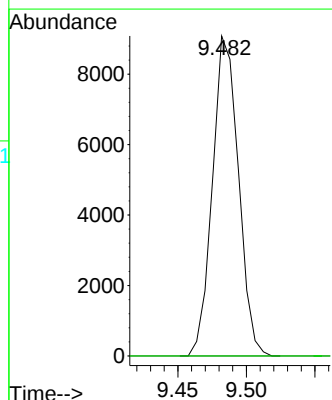
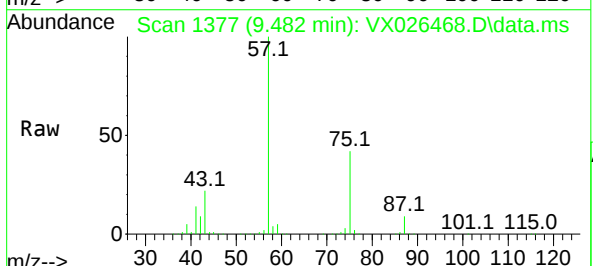
Delta R.T. 0.171 min

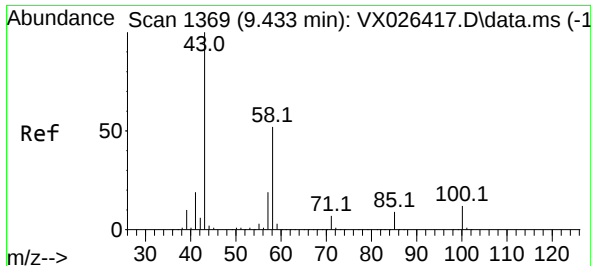
Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Tgt Ion: 76 Resp: 11983

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#





#59

2-Hexanone

Concen: 105.536 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Instrument :

MSVOA_X

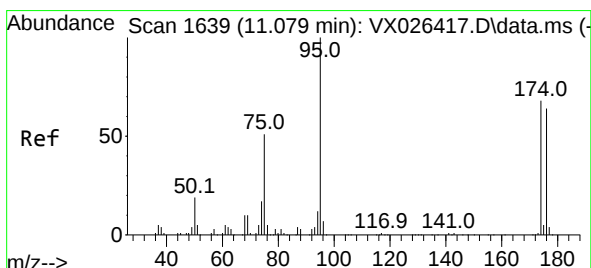
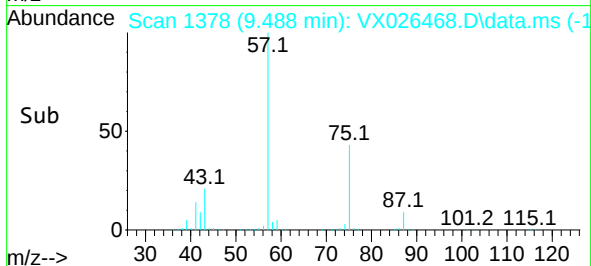
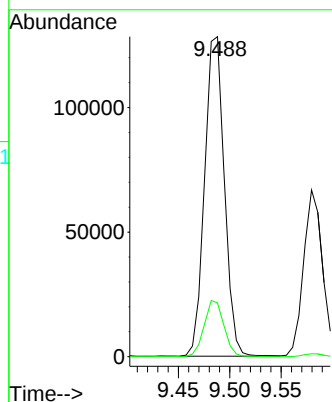
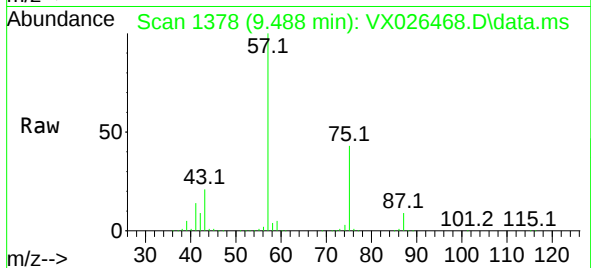
ClientSampleId :

Tgt Ion: 43 Resp: 171973

Ion Ratio Lower Upper

43 100

58 17.7 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 50.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

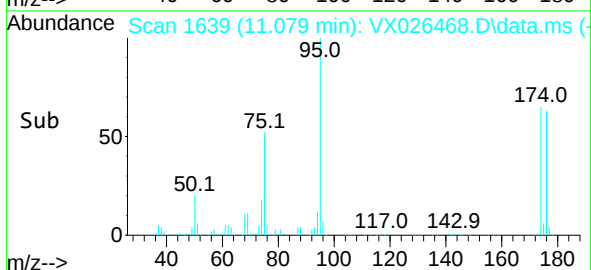
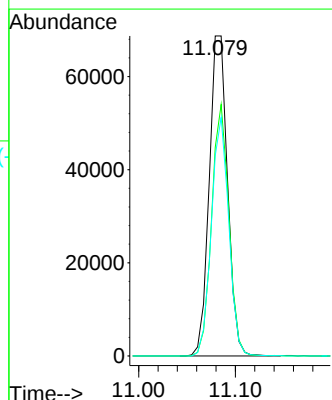
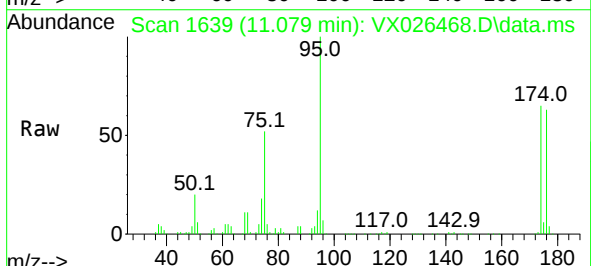
Tgt Ion: 95 Resp: 90383

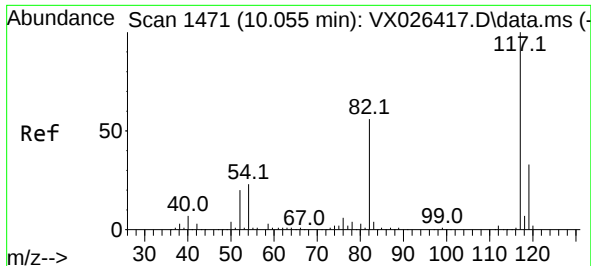
Ion Ratio Lower Upper

95 100

174 73.9 0.0 148.6

176 70.5 0.0 141.4

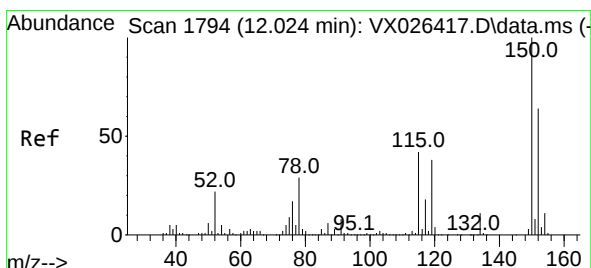
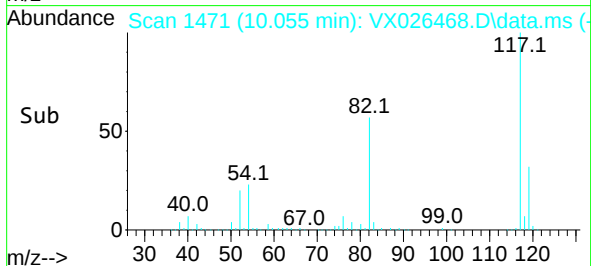
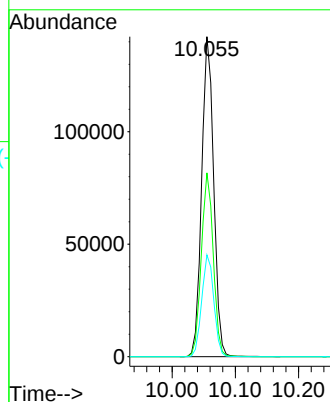
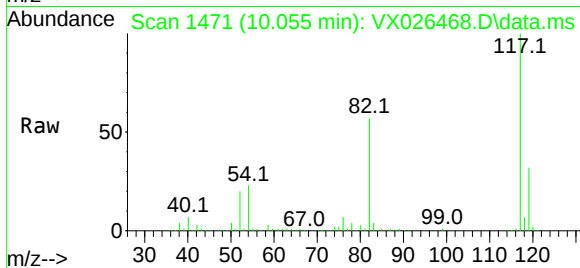




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

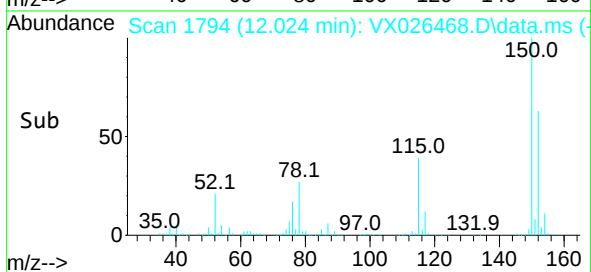
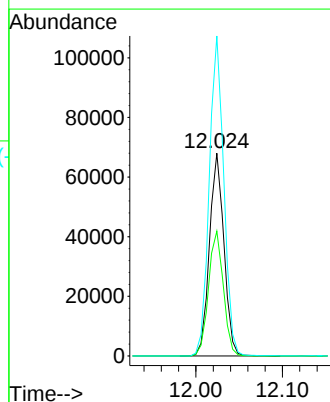
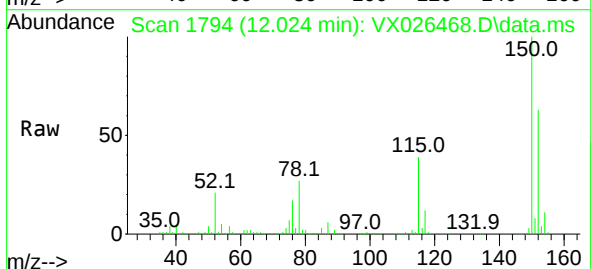
Instrument :
MSVOA_X
ClientSampleId :

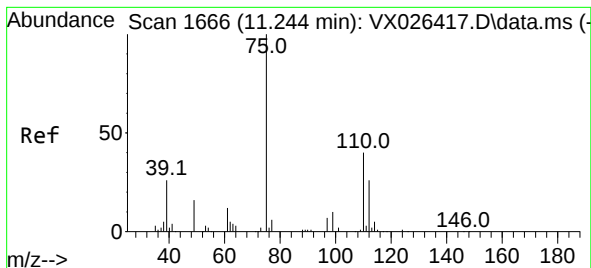
Tgt Ion:117 Resp: 188213
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026468.D
Acq: 14 Jan 2022 21:22

Tgt Ion:152 Resp: 79181
Ion Ratio Lower Upper
152 100
115 62.7 44.2 132.6
150 158.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 26.629 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026468.D

Acq: 14 Jan 2022 21:22

Instrument :

MSVOA_X

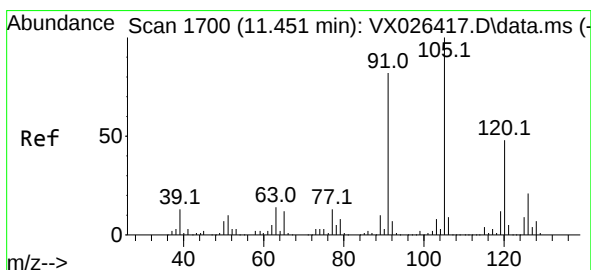
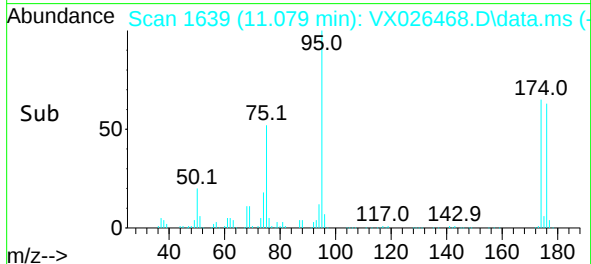
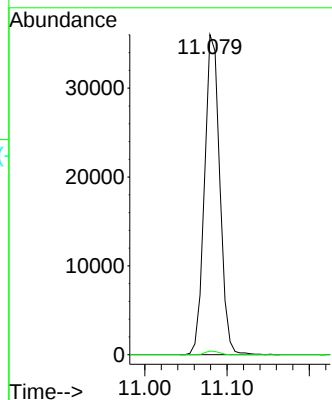
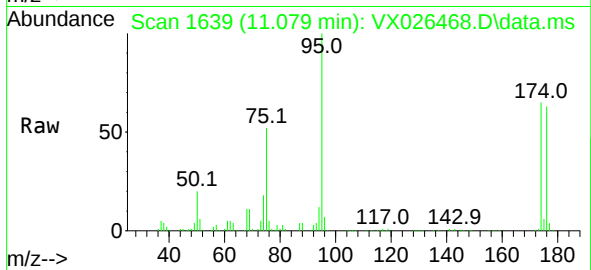
ClientSampleId :

Tgt Ion: 75 Resp: 46424

Ion Ratio Lower Upper

75 100

77 1.0 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.340 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX026468.D

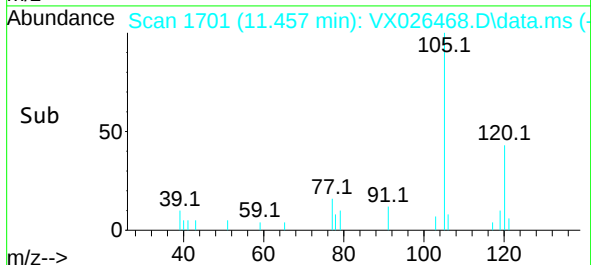
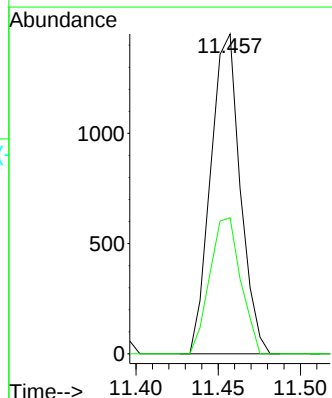
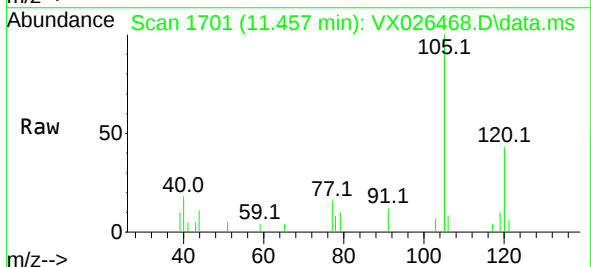
Acq: 14 Jan 2022 21:22

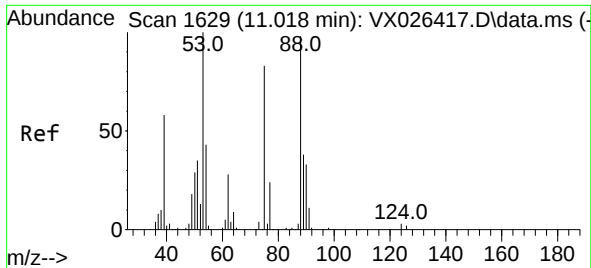
Tgt Ion: 105 Resp: 1820

Ion Ratio Lower Upper

105 100

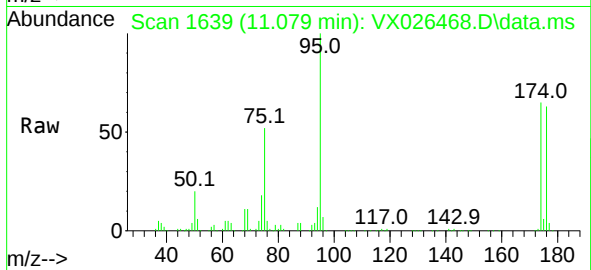
120 44.3 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.616 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026468.D
 Acq: 14 Jan 2022 21:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46424
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

