

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036454.D
 Acq On : 07 Jul 2023 12:42
 Operator : JC/MD
 Sample : 03533-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1674

Quant Time: Jul 07 23:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

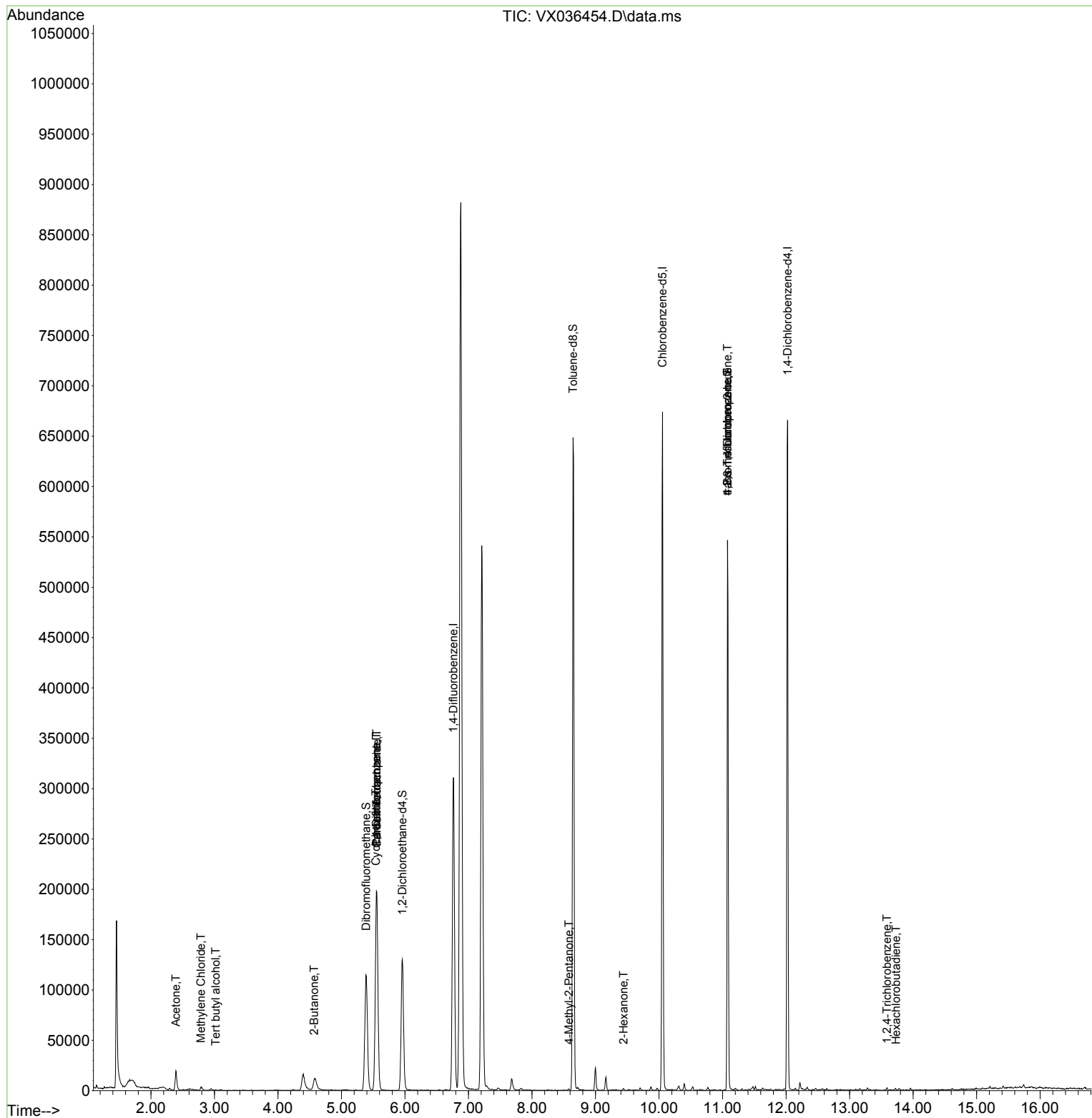
Internal Standards						
1) Pentafluorobenzene	5.550	168	186751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124973	46.685	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.385	113	100428	47.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.647	98	387795	49.294	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	141541	51.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.020	59	316	0.648	ug/l #	78
16) Acetone	2.392	43	22428	19.601	ug/l	94
20) Methylene Chloride	2.788	84	1676	0.680	ug/l #	84
25) 2-Butanone	4.568	43	2501	1.521	ug/l #	80
31) Cyclohexane	5.544	56	4228	1.232	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	15137	4.821	ug/l #	51
38) Carbon Tetrachloride	5.556	117	19777	6.897	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	993	0.302	ug/l #	75
59) 2-Hexanone	9.439	43	1203	0.501	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	72839	24.409	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72839	79.567	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	652	0.226	ug/l #	79
94) Hexachlorobutadiene	13.731	225	376	0.318	ug/l #	67

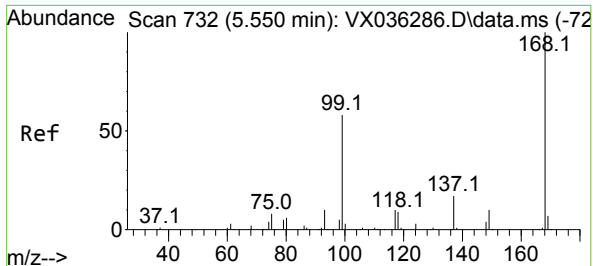
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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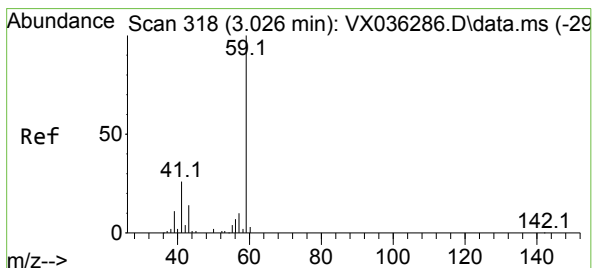
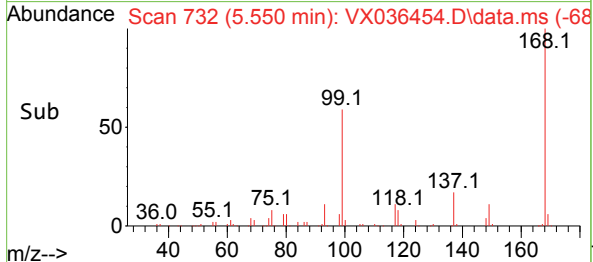
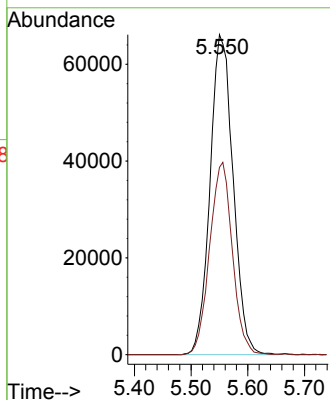
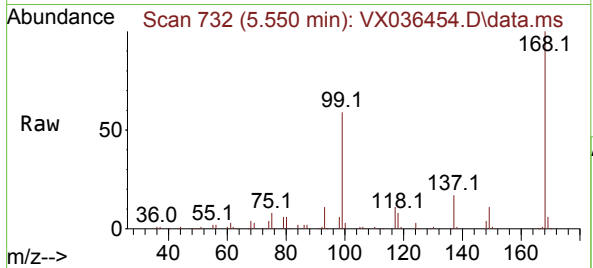




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

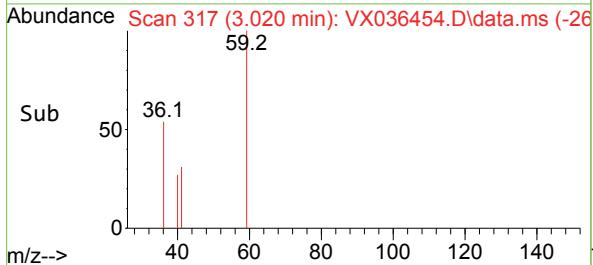
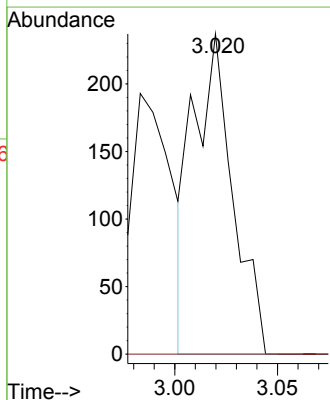
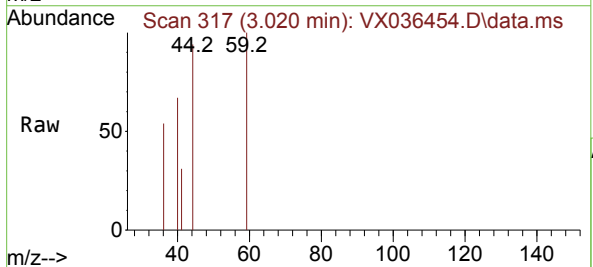
Instrument :
MSVOA_X
ClientSampleId :
1674

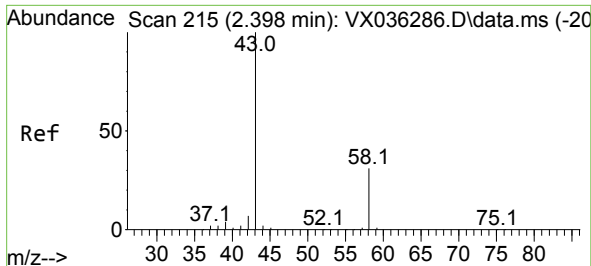
Tgt Ion:168 Resp: 186751
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.648 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.007 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

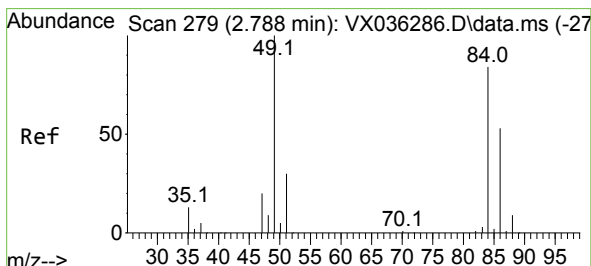
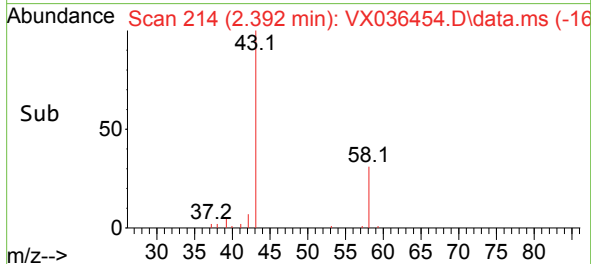
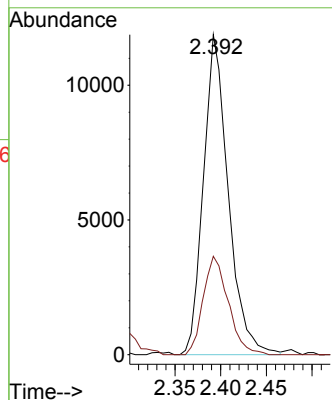
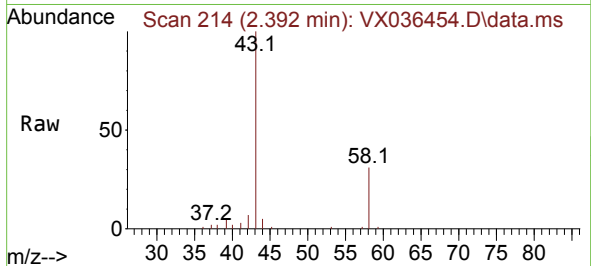




#16
Acetone
Concen: 19.601 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

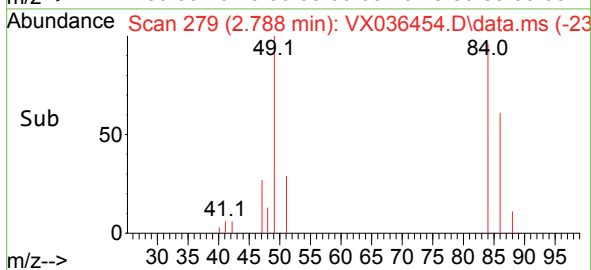
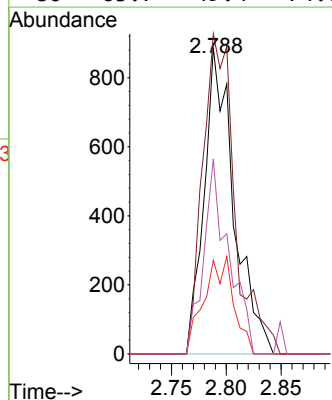
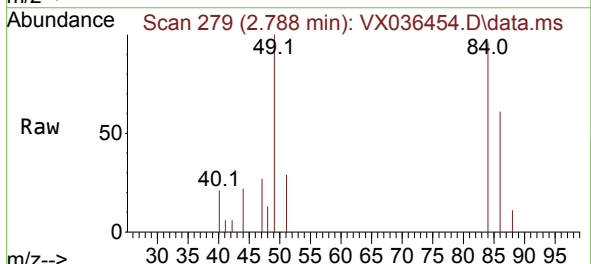
Instrument :
MSVOA_X
ClientSampleId :
1674

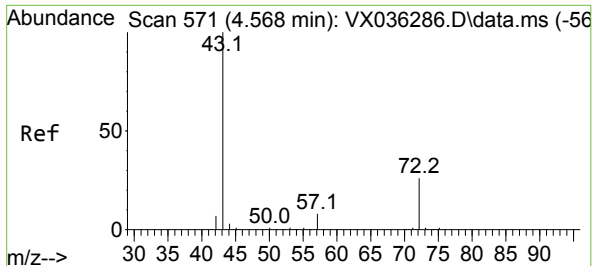
Tgt Ion: 43 Resp: 22428
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.680 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Tgt Ion: 84 Resp: 1676
Ion Ratio Lower Upper
84 100
49 104.5 103.6 155.4
51 30.6 33.8 50.6#
86 63.7 49.4 74.0





#25

2-Butanone

Concen: 1.521 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036454.D

Acq: 07 Jul 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

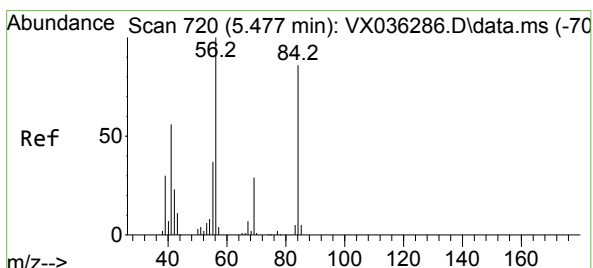
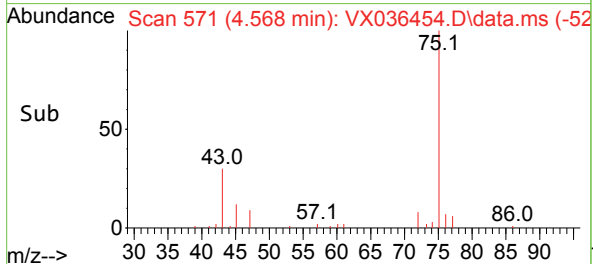
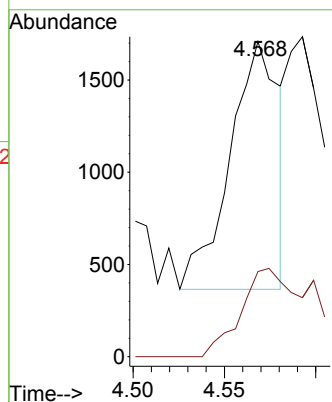
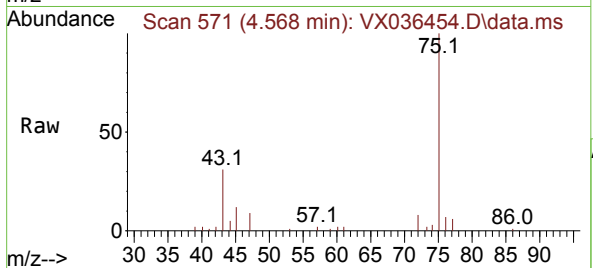
1674

Tgt Ion: 43 Resp: 2501

Ion Ratio Lower Upper

43 100

72 34.4 19.4 29.2#



#31

Cyclohexane

Concen: 1.232 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX036454.D

Acq: 07 Jul 2023 12:42

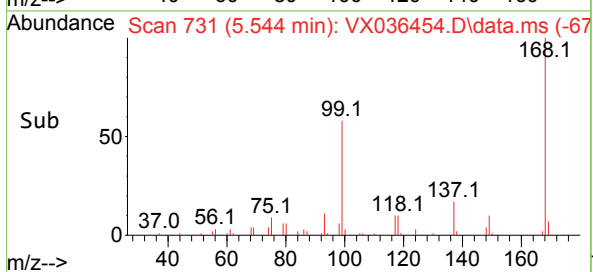
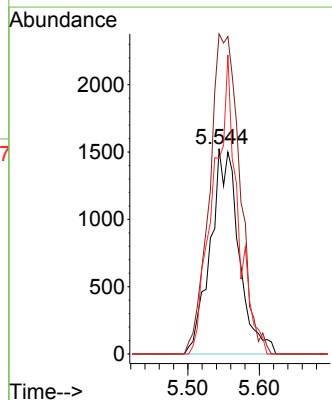
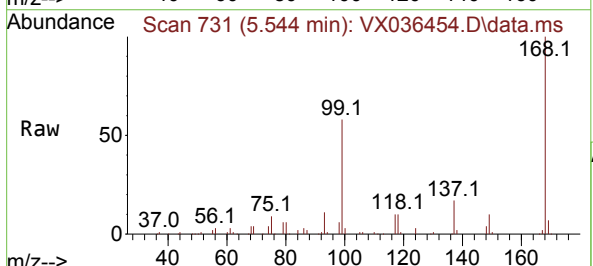
Tgt Ion: 56 Resp: 4228

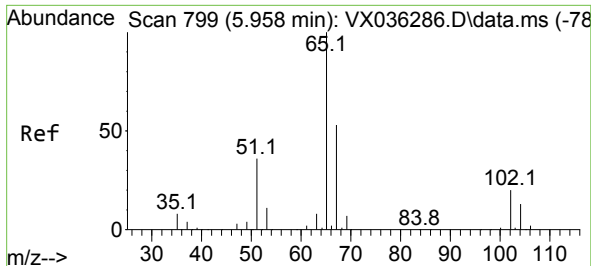
Ion Ratio Lower Upper

56 100

69 155.9 23.4 35.2#

84 95.2 65.9 98.9

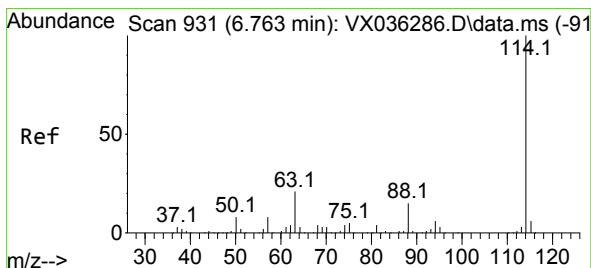
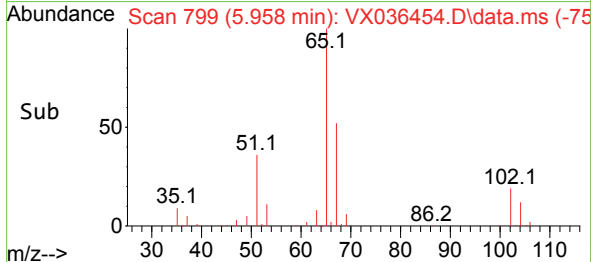
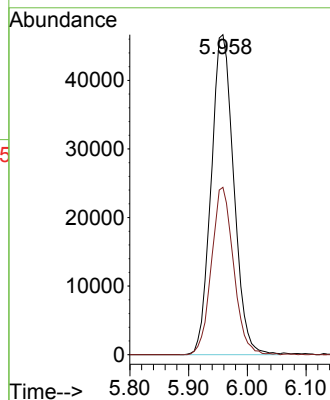
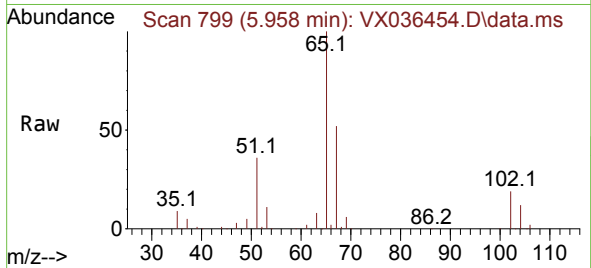




#33
 1,2-Dichloroethane-d4
 Concen: 46.685 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036454.D
 Acq: 07 Jul 2023 12:42

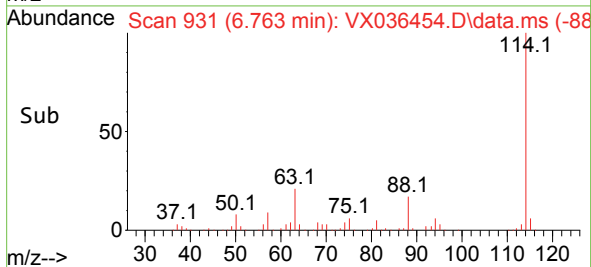
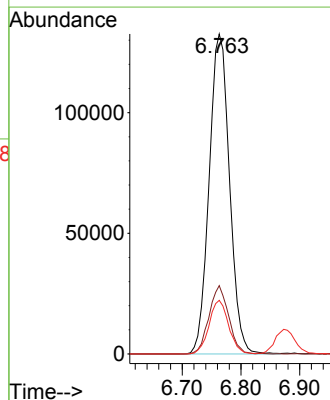
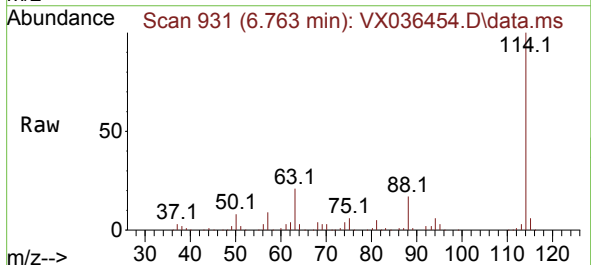
Instrument :
 MSVOA_X
 ClientSampleId :
 1674

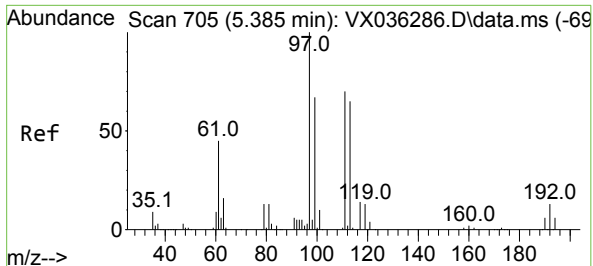
Tgt Ion: 65 Resp: 124973
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036454.D
 Acq: 07 Jul 2023 12:42

Tgt Ion: 114 Resp: 319436
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.680 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036454.D

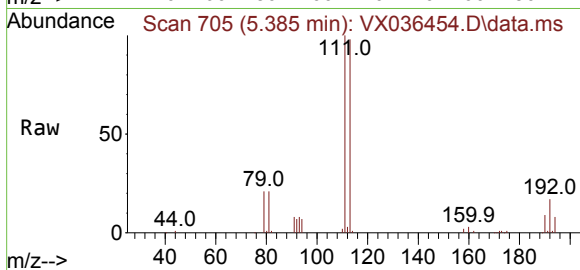
Acq: 07 Jul 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

1674



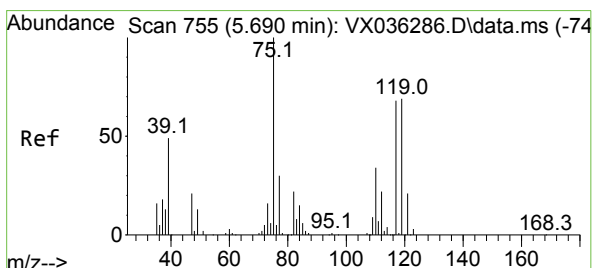
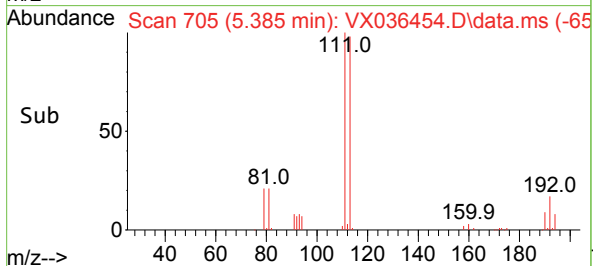
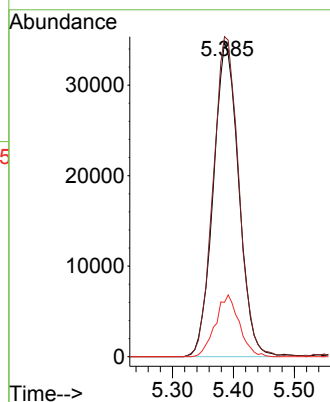
Tgt Ion:113 Resp: 100428

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036454.D

Acq: 07 Jul 2023 12:42

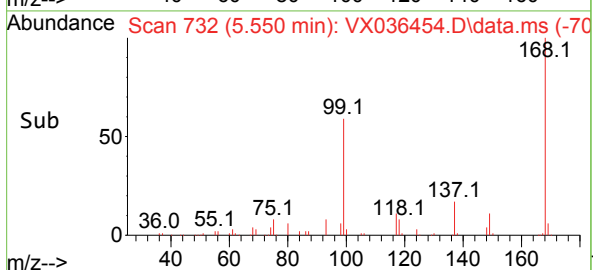
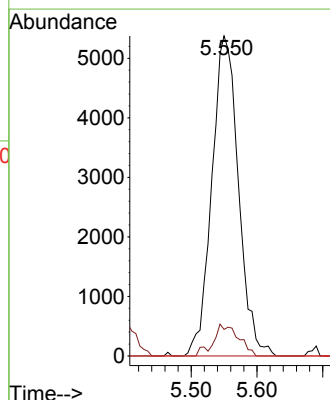
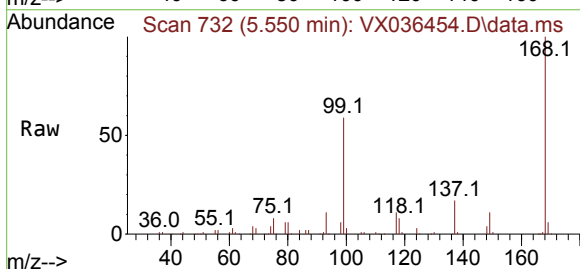
Tgt Ion: 75 Resp: 15137

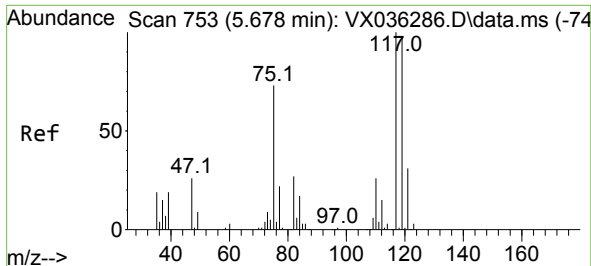
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

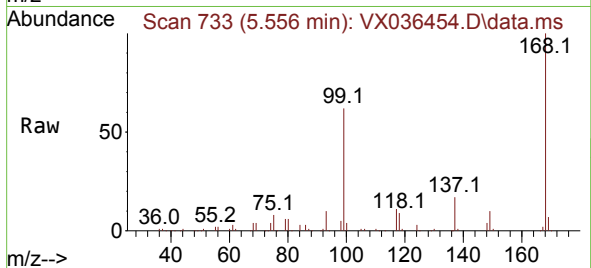
77 0.0 24.7 37.1#



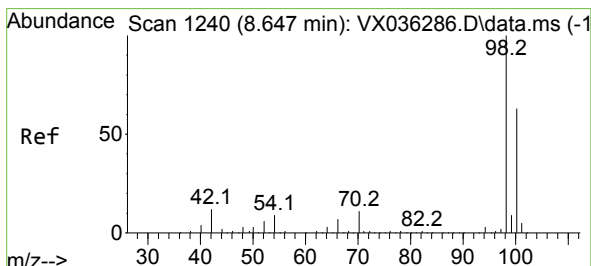
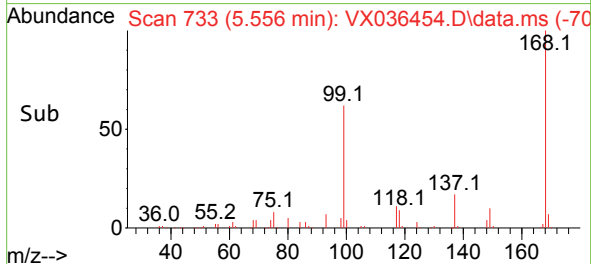
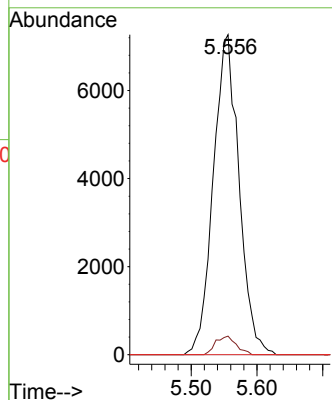


#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
1674

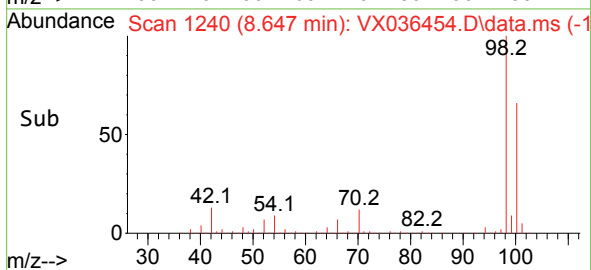
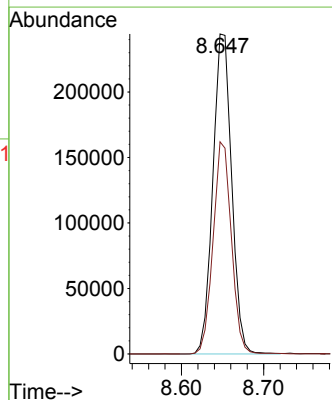
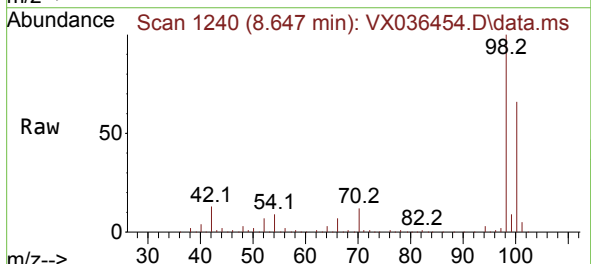


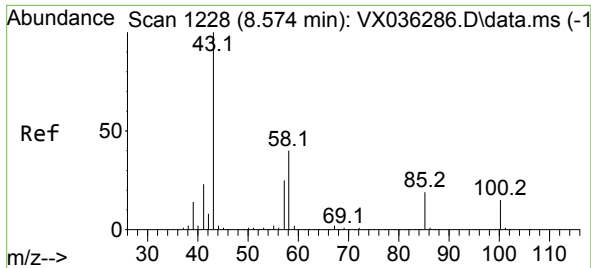
Tgt Ion:117 Resp: 19777
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.294 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Tgt Ion: 98 Resp: 387795
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

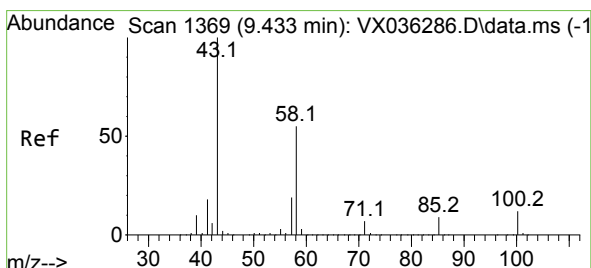
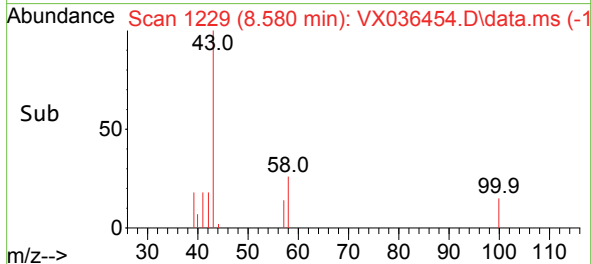
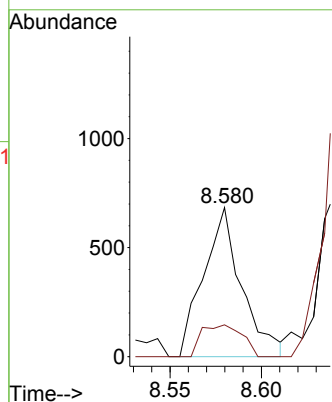
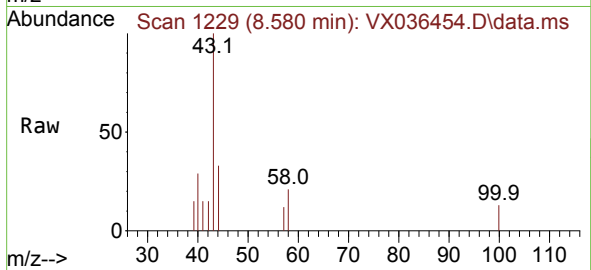




#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 8.580 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

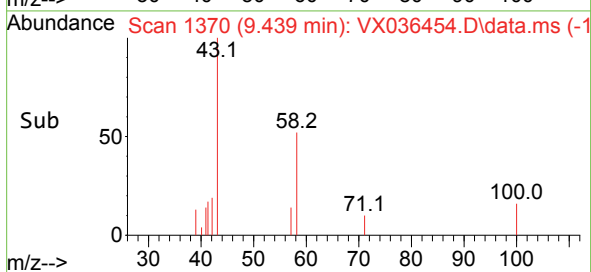
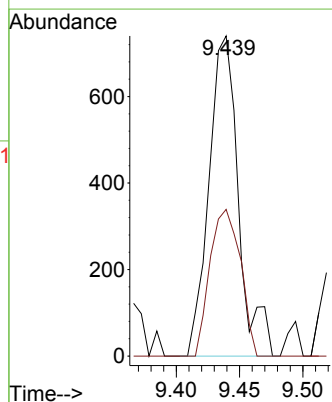
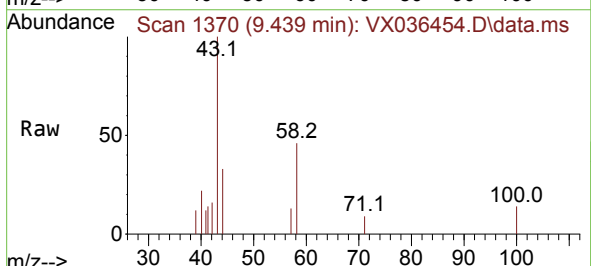
Instrument :
MSVOA_X
ClientSampleId :
1674

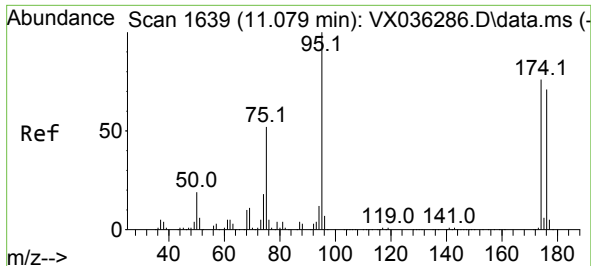
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 22.8 30.4 45.6#



#59
2-Hexanone
Concen: 0.501 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 47.3 26.2 78.5

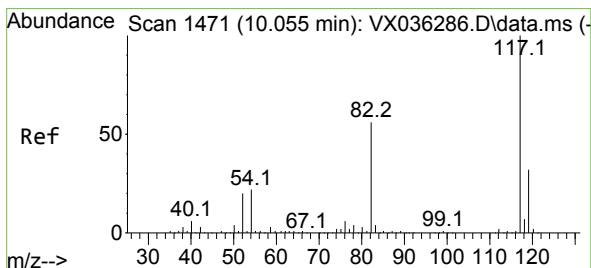
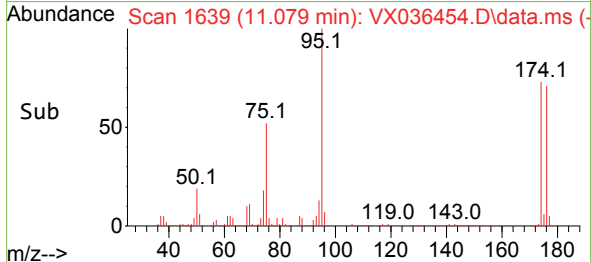
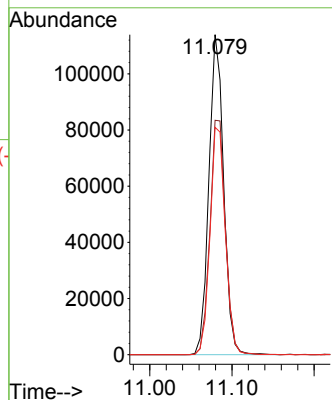
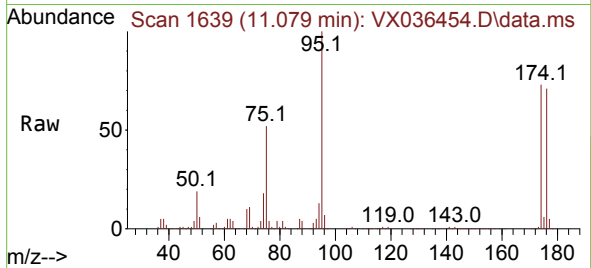




#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

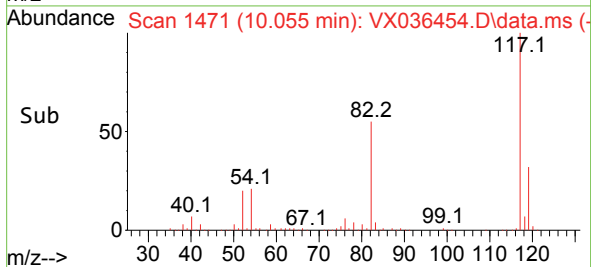
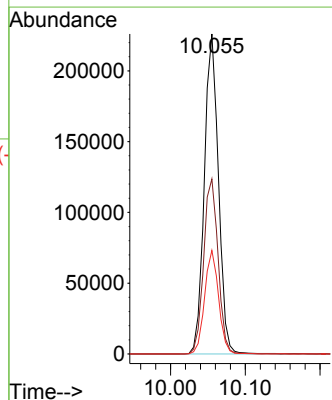
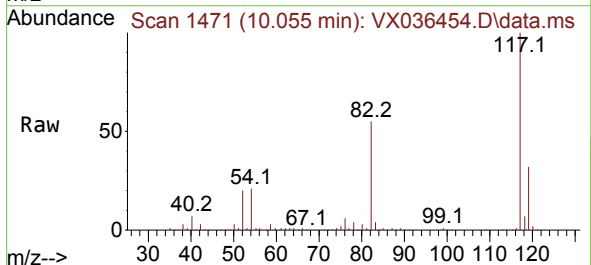
Instrument :
MSVOA_X
ClientSampleId :
1674

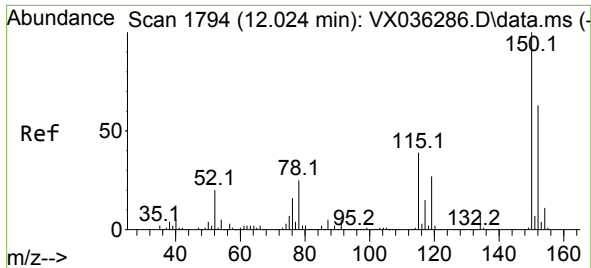
Tgt Ion: 95 Resp: 141541
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 74.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

Tgt Ion: 117 Resp: 296708
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3

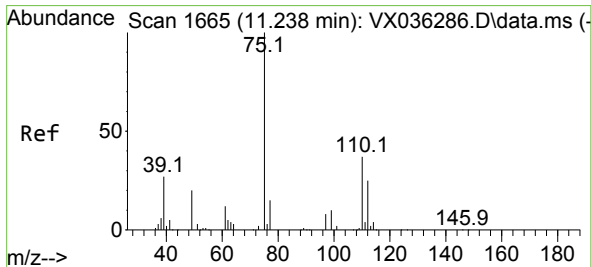
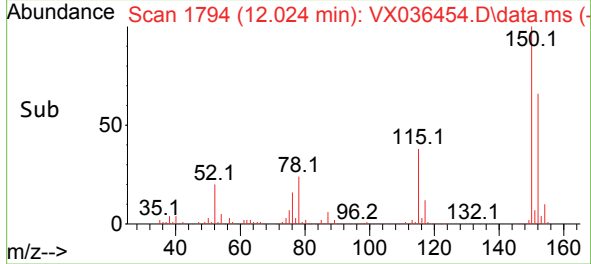
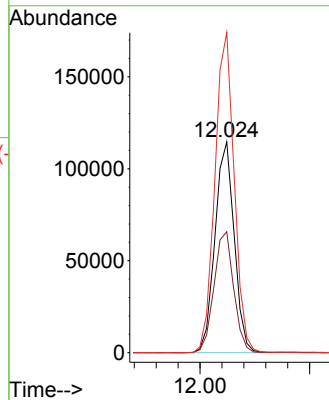
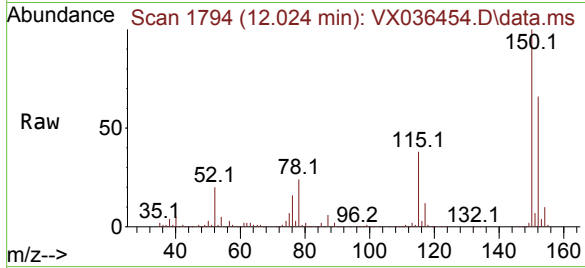




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036454.D
 Acq: 07 Jul 2023 12:42

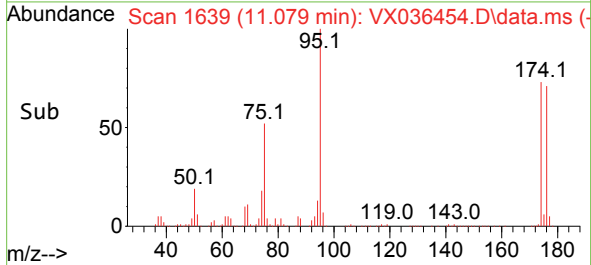
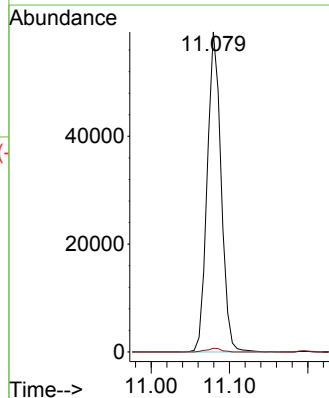
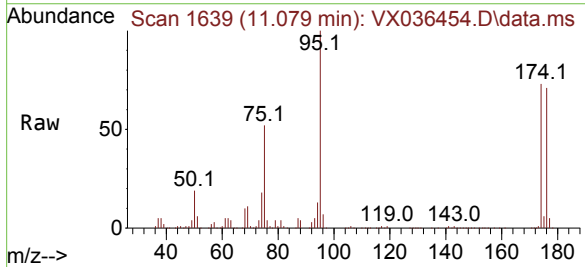
Instrument :
 MSVOA_X
 ClientSampleId :
 1674

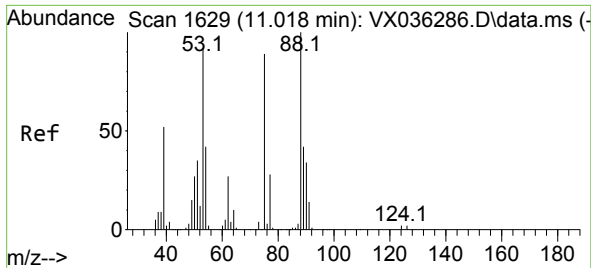
Tgt Ion:152 Resp: 139900
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.3 129.9
 150 152.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.409 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036454.D
 Acq: 07 Jul 2023 12:42

Tgt Ion: 75 Resp: 72839
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

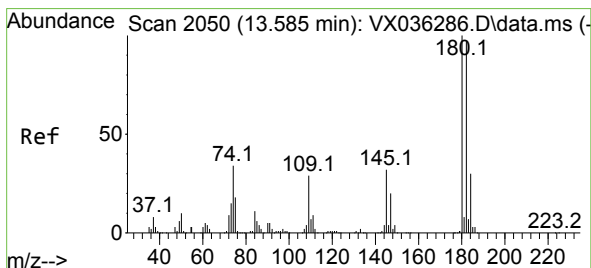
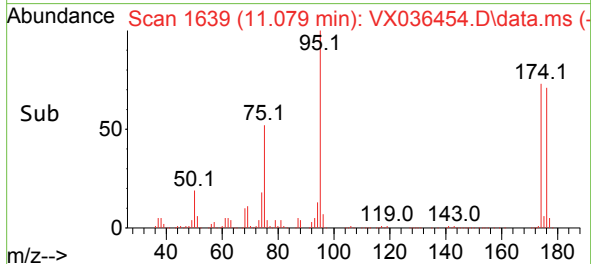
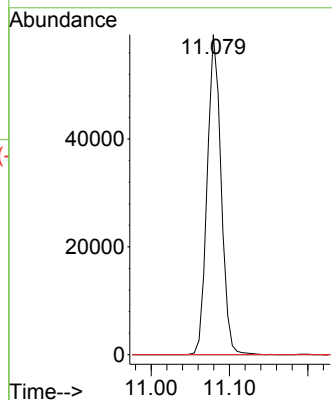
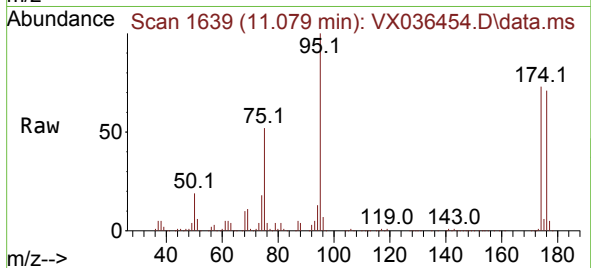




#81
trans-1,4-Dichloro-2-butene
Concen: 79.567 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

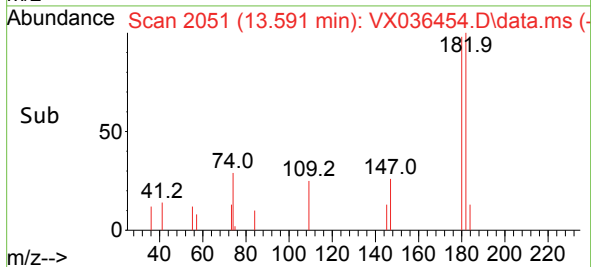
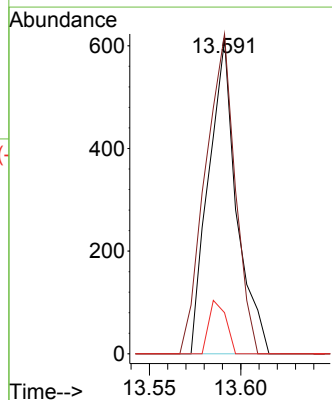
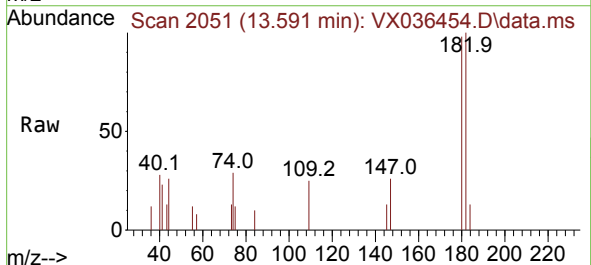
Instrument :
MSVOA_X
ClientSampleId :
1674

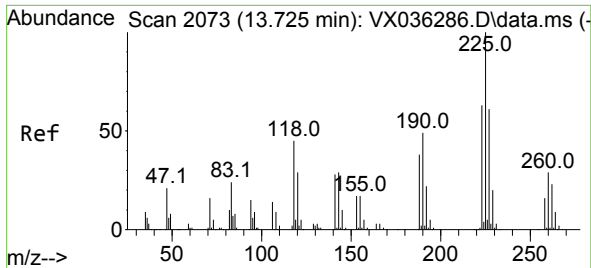
Tgt Ion: 75 Resp: 72839
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036454.D
Acq: 07 Jul 2023 12:42

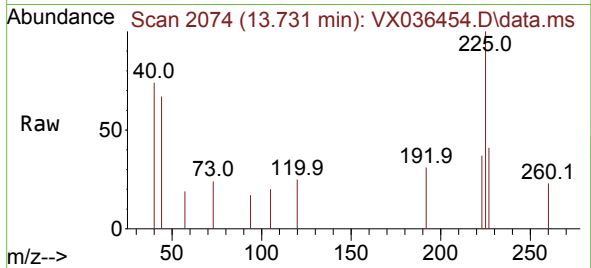
Tgt Ion: 180 Resp: 652
Ion Ratio Lower Upper
180 100
182 108.4 48.3 144.8
145 10.3 18.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.318 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX036454.D
 Acq: 07 Jul 2023 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 1674



Tgt Ion:225 Resp: 376
 Ion Ratio Lower Upper
 225 100
 223 29.3 31.1 93.2#
 227 46.0 32.5 97.5

