

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034429.D
 Acq On : 13 Mar 2023 13:50
 Operator : JC/MD
 Sample : 01879-16 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

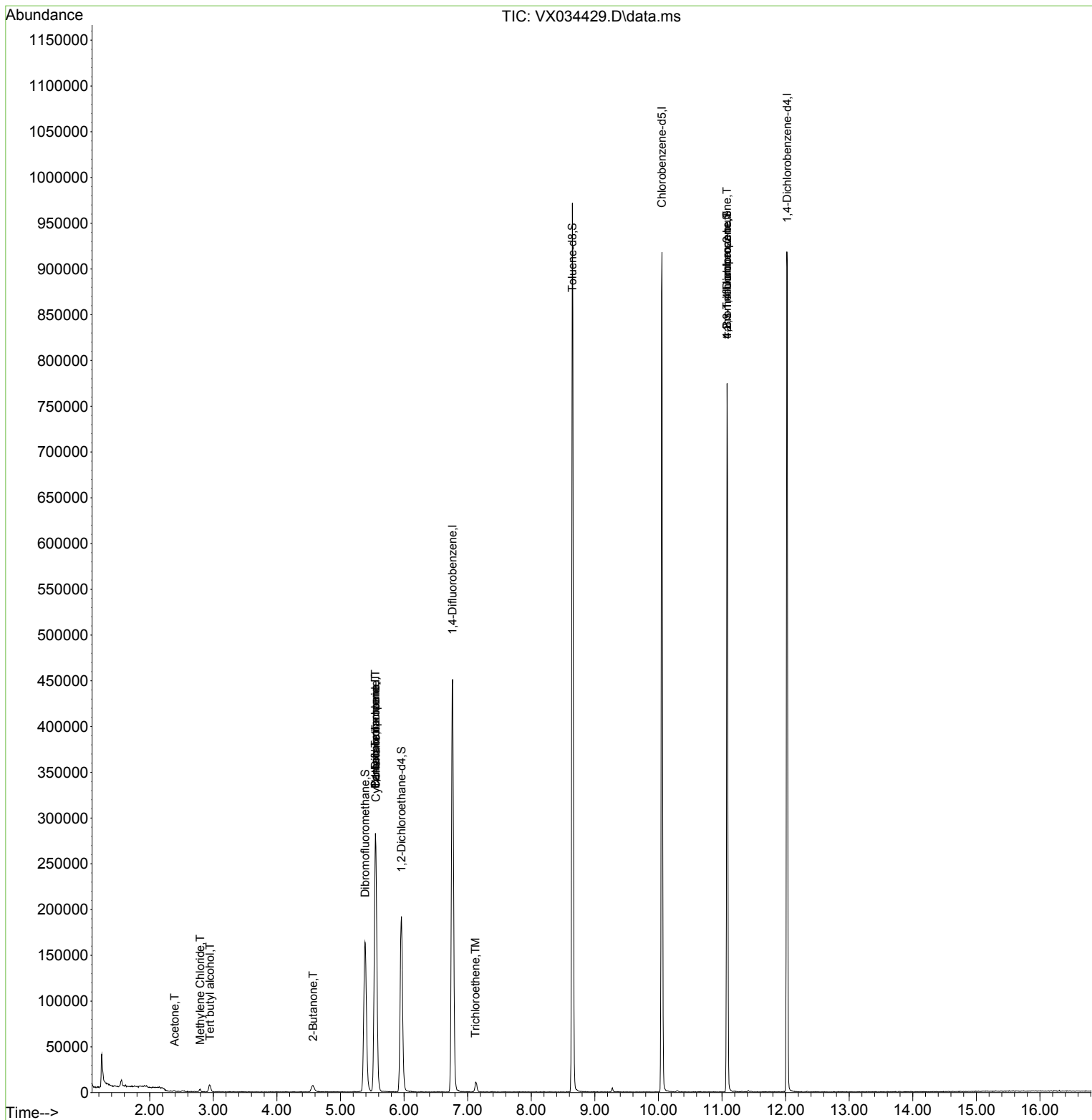
Quant Time: Mar 14 02:24:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

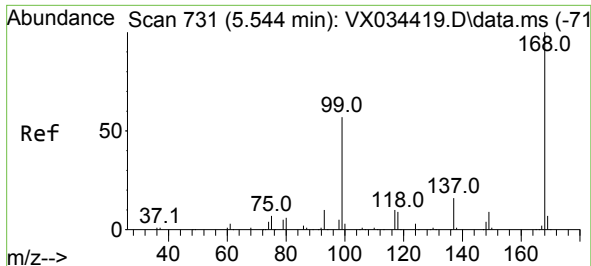
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	267516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178003	45.738	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.385	113	145018	47.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	560916	48.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	200776	43.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	936	Below Cal	#	66
11) Tert butyl alcohol	2.947	59	4856	5.992	ug/l #	75
16) Acetone	2.392	43	1069	0.583	ug/l #	79
20) Methylene Chloride	2.794	84	1190	0.334	ug/l #	81
25) 2-Butanone	4.568	43	553	0.211	ug/l #	51
31) Cyclohexane	5.556	56	6123	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21857	4.636	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27126	5.783	ug/l #	17
44) Trichloroethene	7.123	130	4291	1.197	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	102902	23.738	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	102902	64.218	ug/l #	8

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

Quant Time: Mar 14 02:24:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

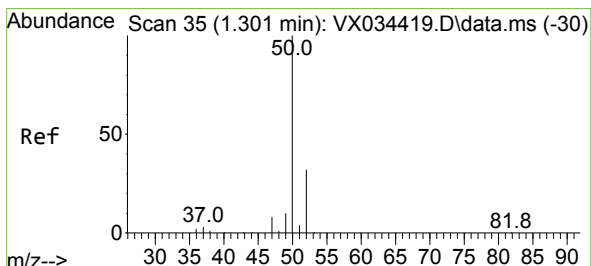
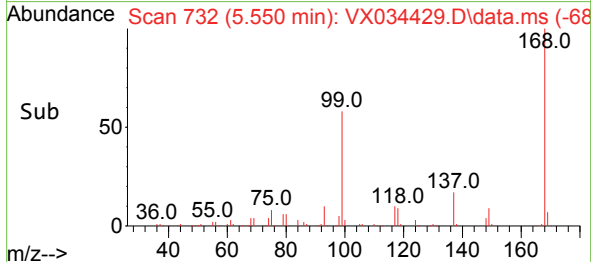
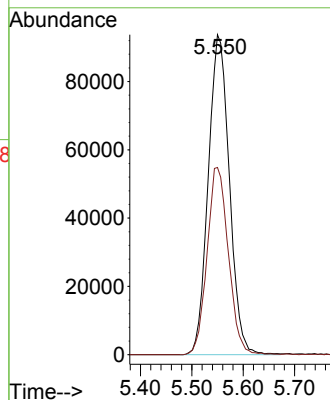
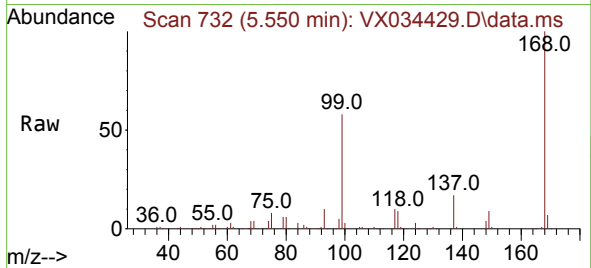




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

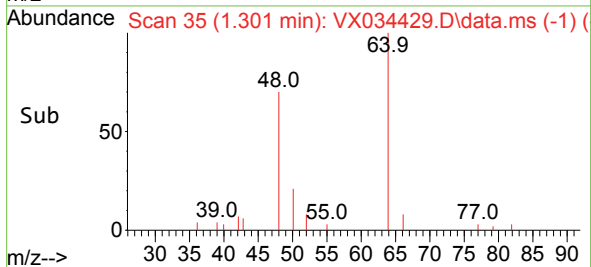
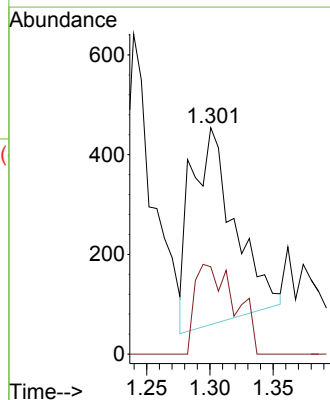
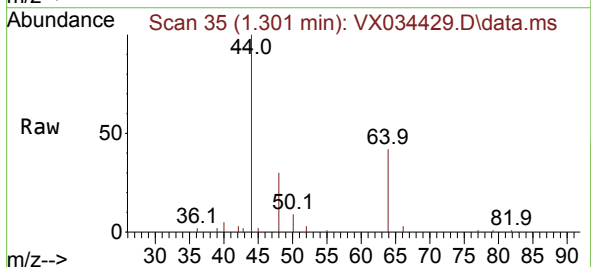
Instrument :
MSVOA_X
ClientSampleId :

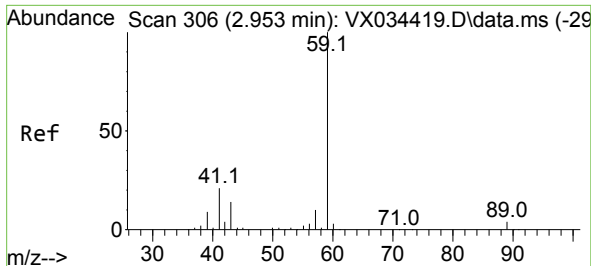
Tgt Ion:168 Resp: 267516
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Tgt Ion: 50 Resp: 936
Ion Ratio Lower Upper
50 100
52 51.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 5.992 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034429.D

Acq: 13 Mar 2023 13:50

Instrument :

MSVOA_X

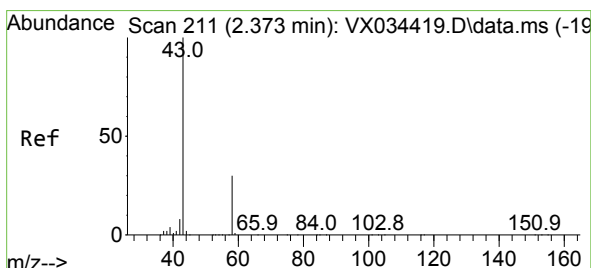
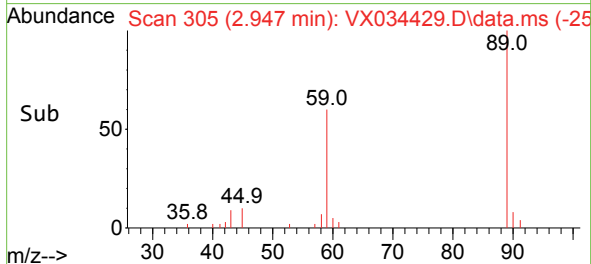
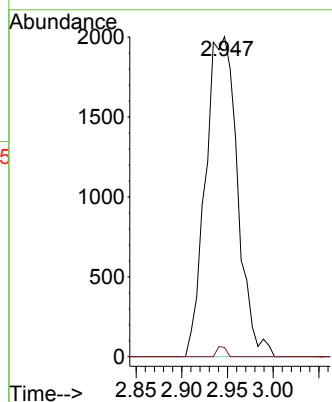
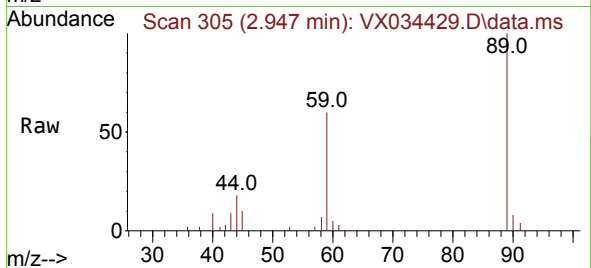
ClientSampleId :

Tgt Ion: 59 Resp: 4856

Ion Ratio Lower Upper

59 100

57 0.9 8.1 12.1#



#16

Acetone

Concen: 0.583 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.018 min

Lab File: VX034429.D

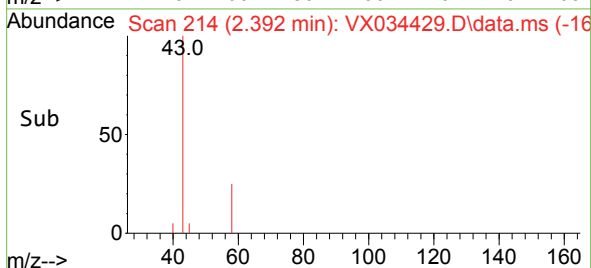
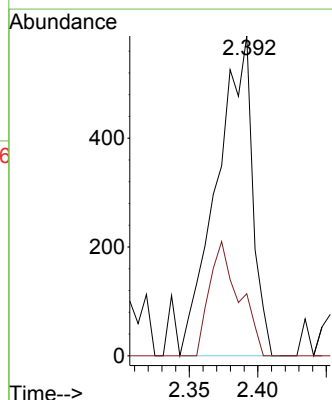
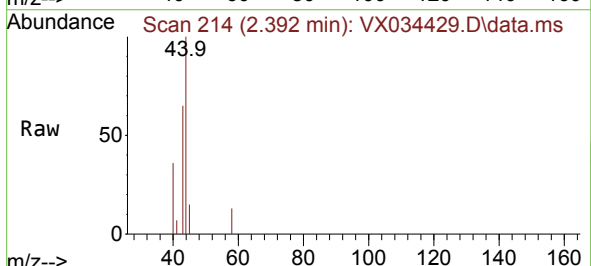
Acq: 13 Mar 2023 13:50

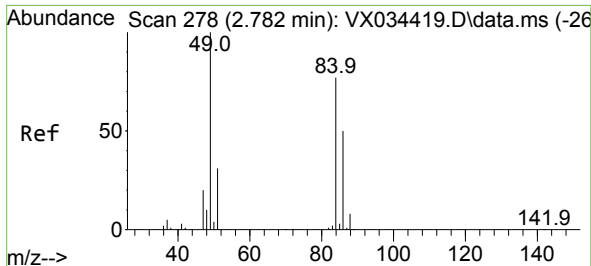
Tgt Ion: 43 Resp: 1069

Ion Ratio Lower Upper

43 100

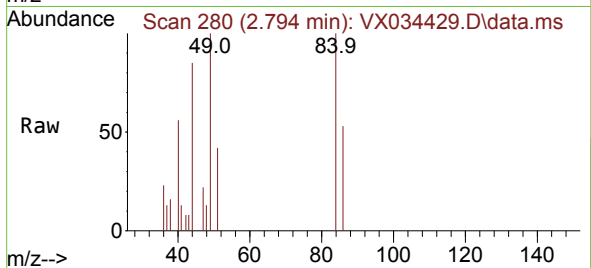
58 19.4 24.7 37.1#



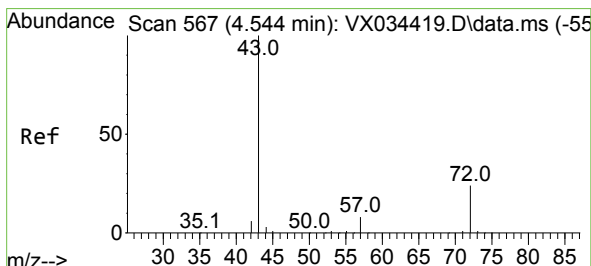
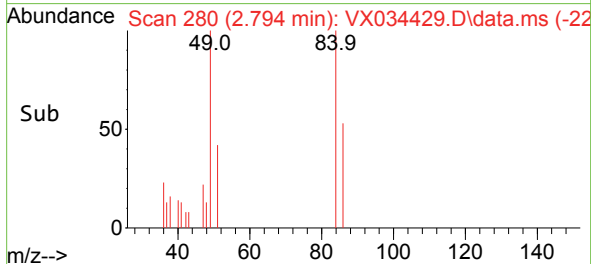
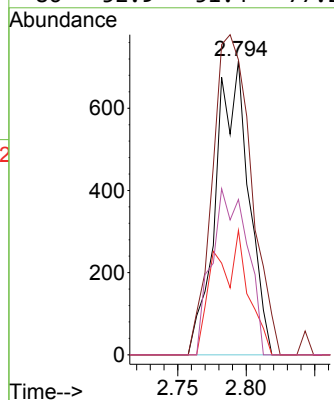


#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 2190
Delta R.T. 0.012 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Instrument :
MSVOA_X
ClientSampleId :

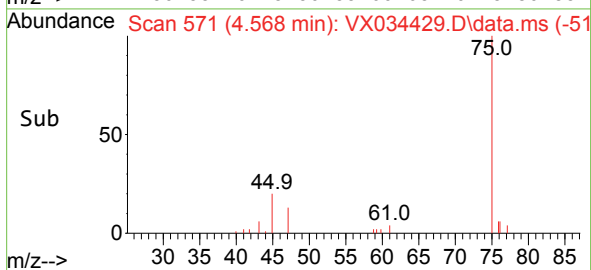
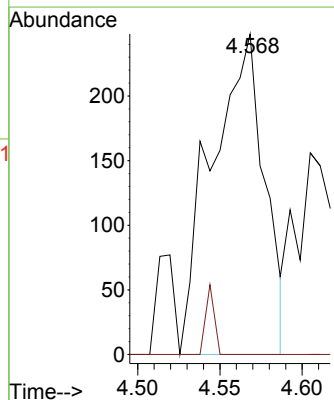
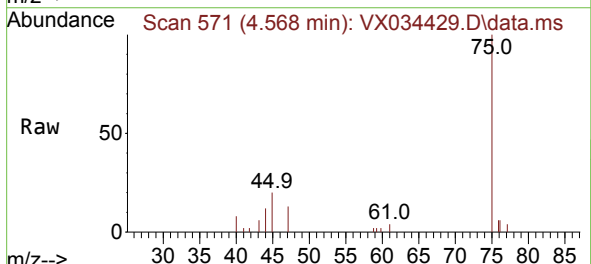


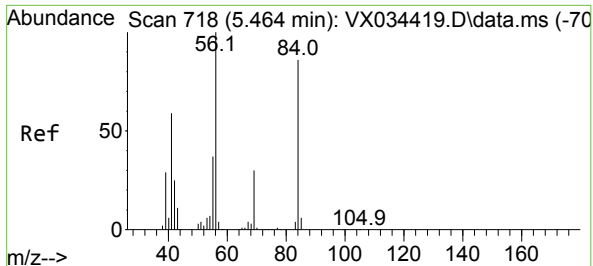
Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.4	103.8	155.8#
51	42.4	31.8	47.8
86	52.9	51.4	77.2



#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.025 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

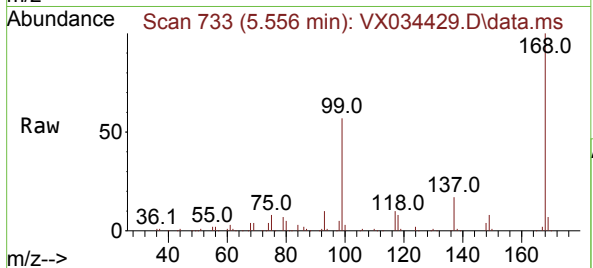
Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9#



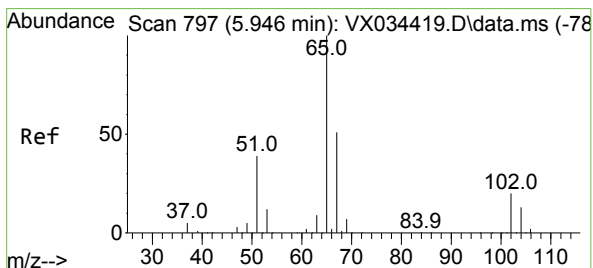
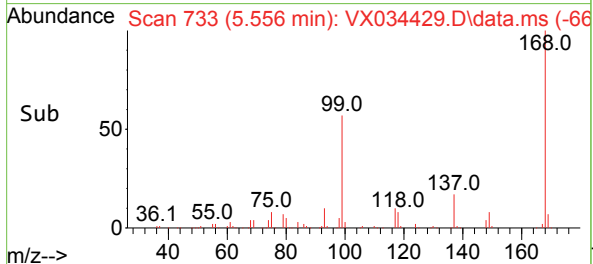
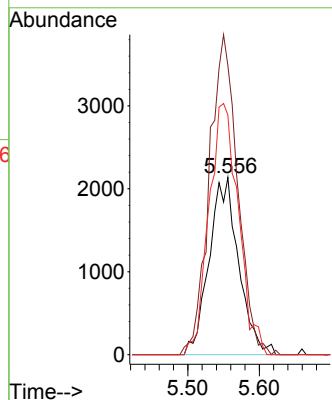


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Instrument :
MSVOA_X
ClientSampleId :

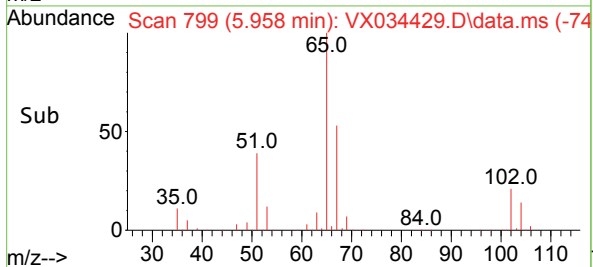
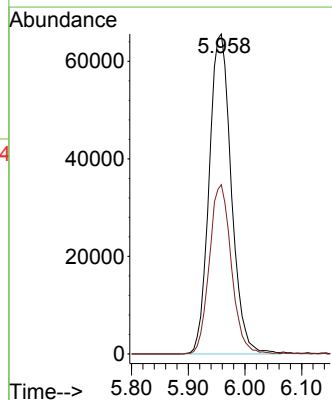
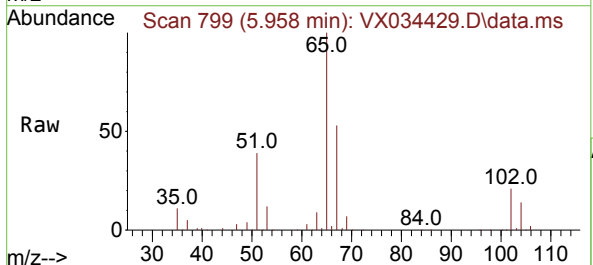


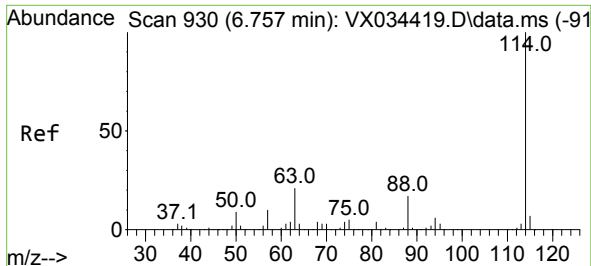
Tgt Ion: 56 Resp: 6123
Ion Ratio Lower Upper
56 100
69 163.2 23.7 35.5#
84 135.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Tgt Ion: 65 Resp: 178003
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034429.D

Acq: 13 Mar 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

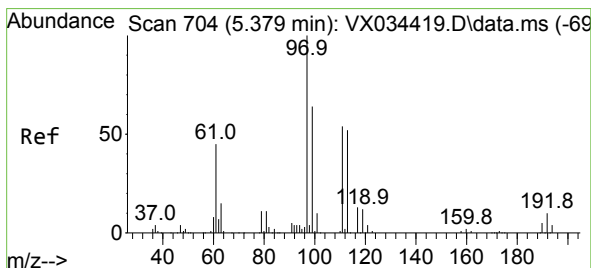
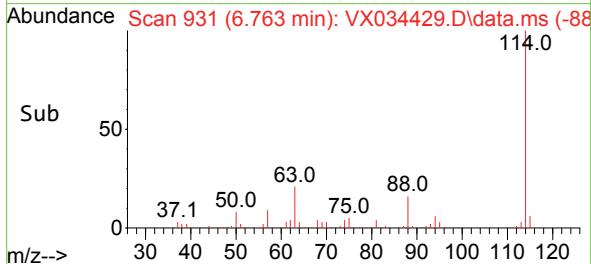
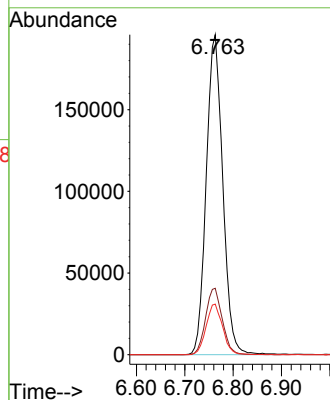
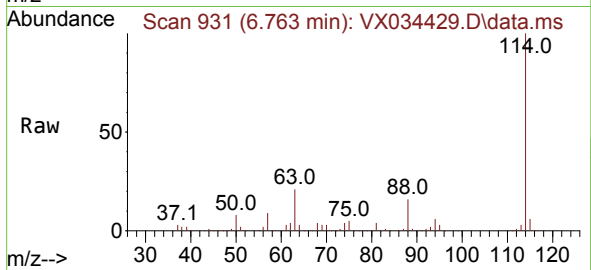
Tgt Ion:114 Resp: 464951

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.240 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034429.D

Acq: 13 Mar 2023 13:50

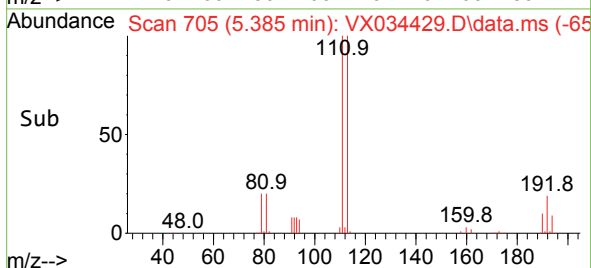
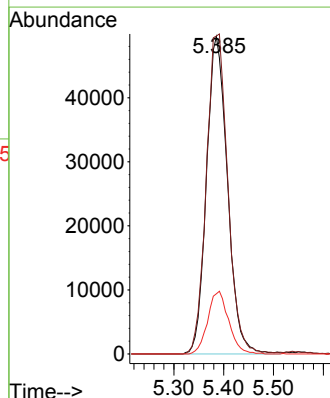
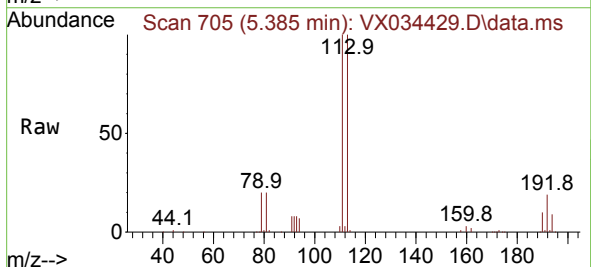
Tgt Ion:113 Resp: 145018

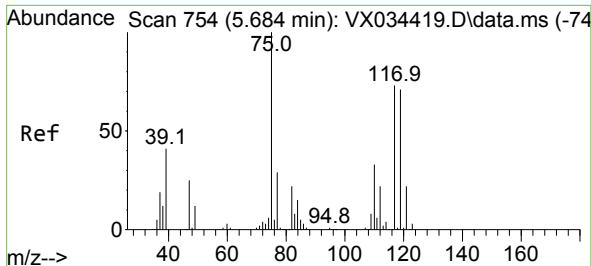
Ion Ratio Lower Upper

113 100

111 103.3 83.7 125.5

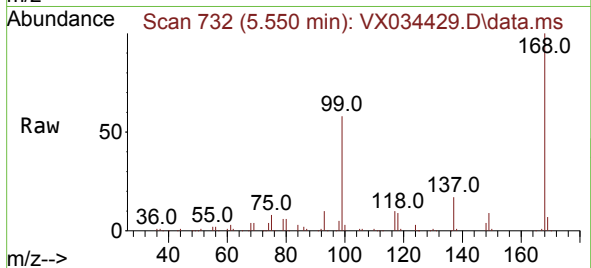
192 19.7 15.4 23.2



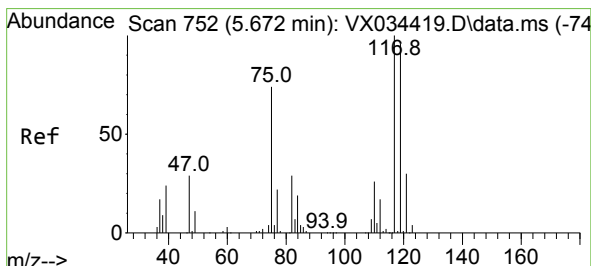
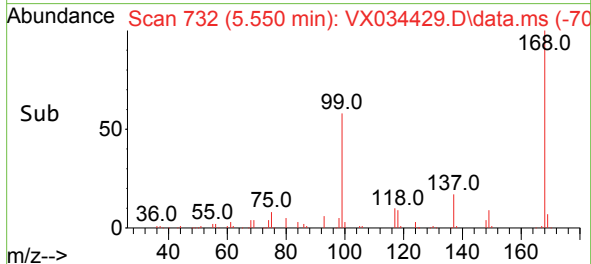
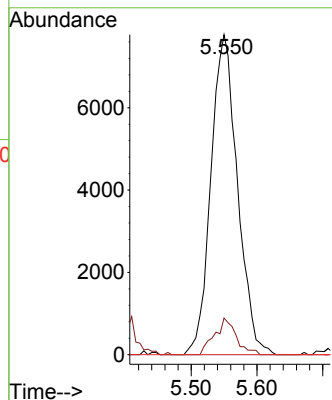


#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Instrument :
MSVOA_X
ClientSampleId :

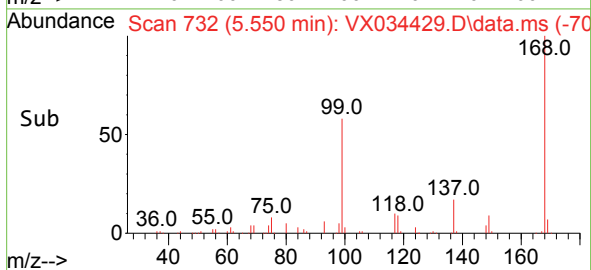
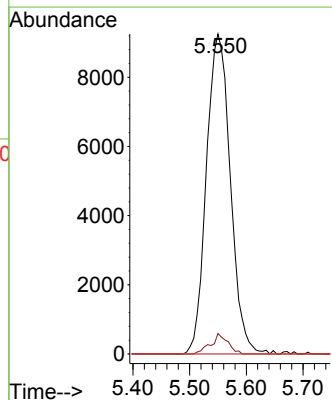
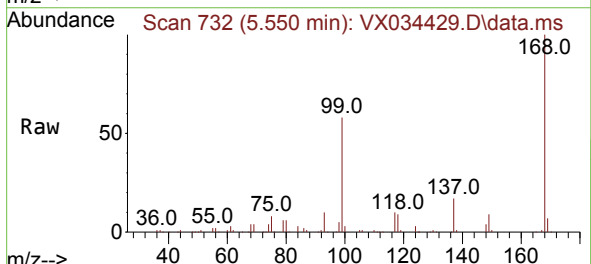


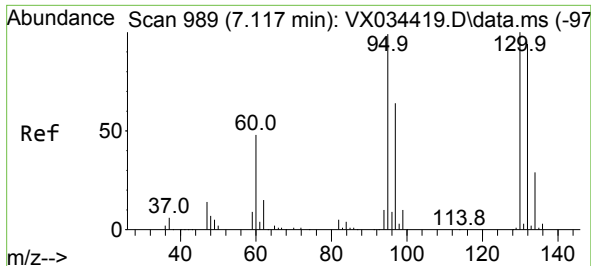
Tgt Ion: 75 Resp: 21857
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Tgt Ion: 117 Resp: 27126
Ion Ratio Lower Upper
117 100
119 6.4 76.6 114.8#
121 0.0 23.8 35.6#

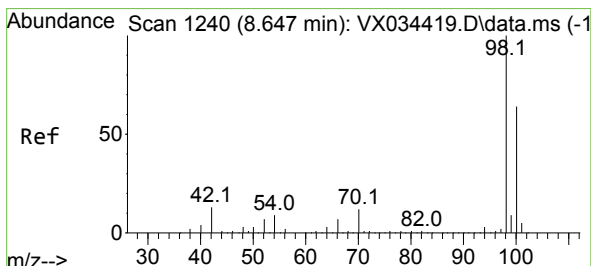
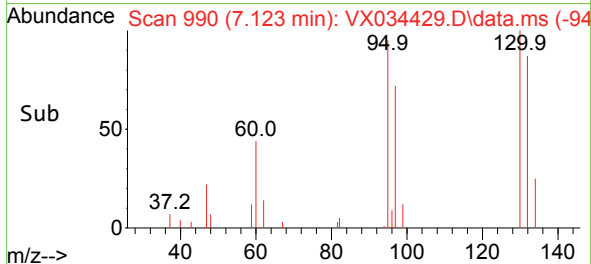
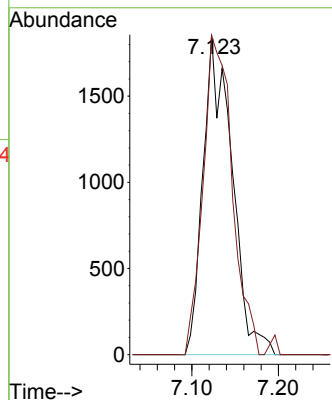
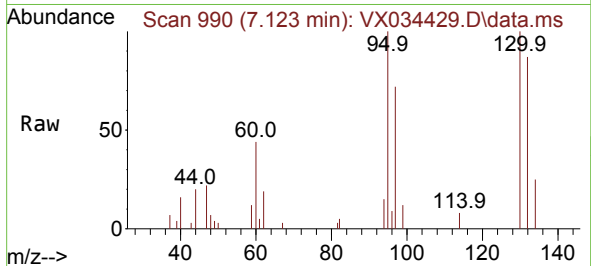




#44
Trichloroethene
Concen: 1.197 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

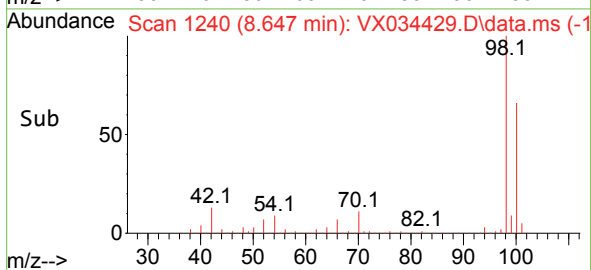
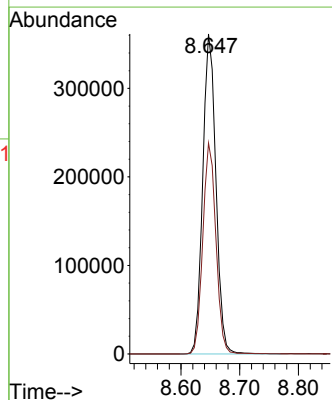
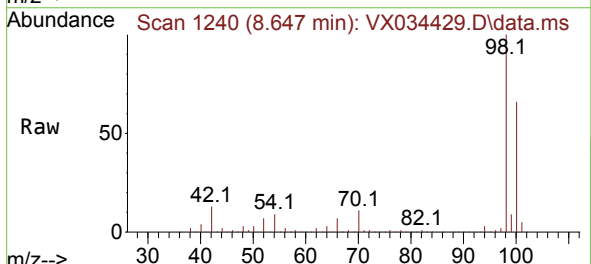
Instrument :
MSVOA_X
ClientSampleId :

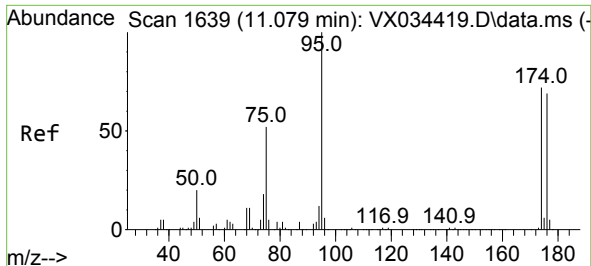
Tgt Ion:130 Resp: 4291
Ion Ratio Lower Upper
130 100
95 99.7 0.0 198.4



#50
Toluene-d8
Concen: 48.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Tgt Ion: 98 Resp: 560916
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

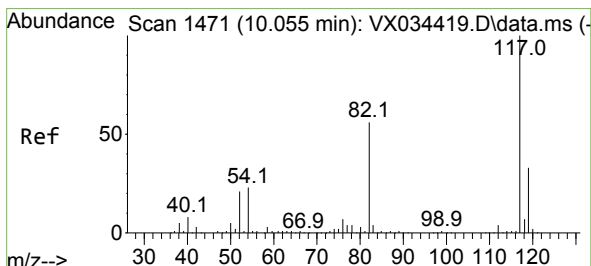
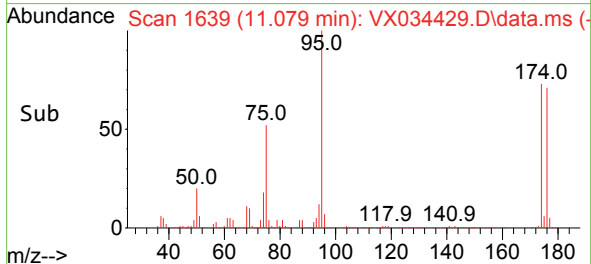
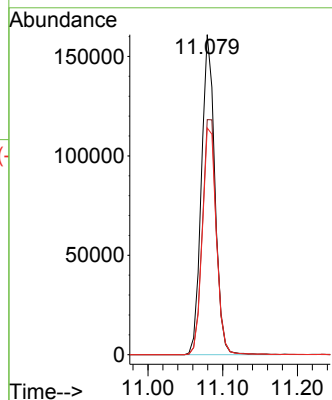
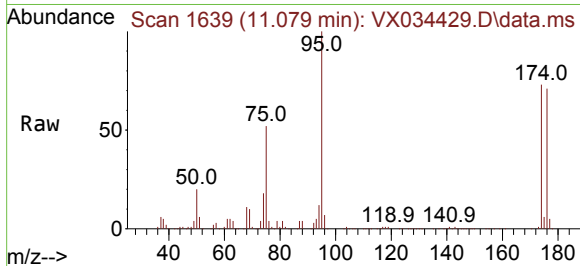




#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

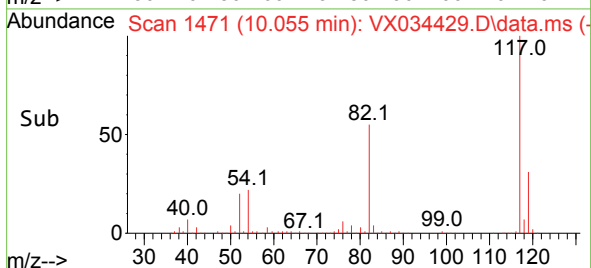
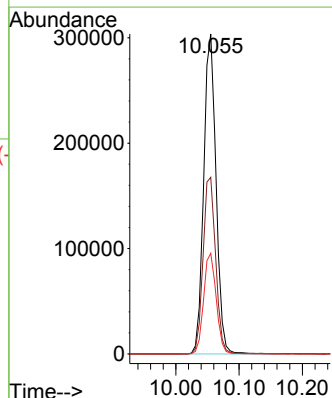
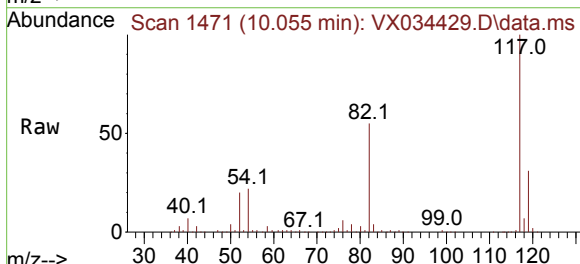
Instrument :
MSVOA_X
ClientSampleId :

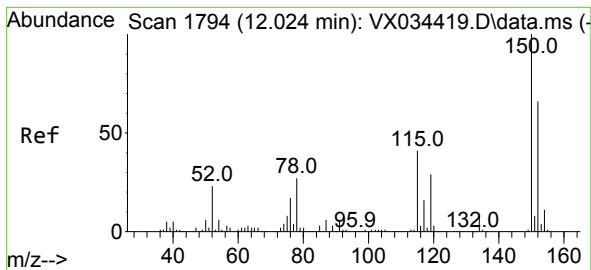
Tgt Ion: 95 Resp: 200776
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.4
176 73.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Tgt Ion: 117 Resp: 412990
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 31.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034429.D

Acq: 13 Mar 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

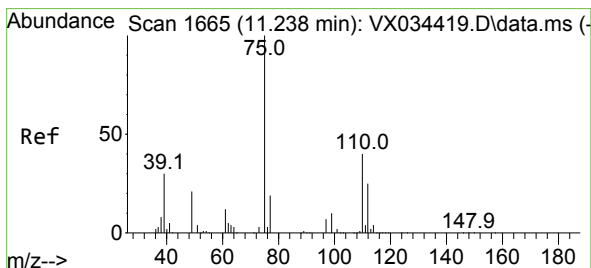
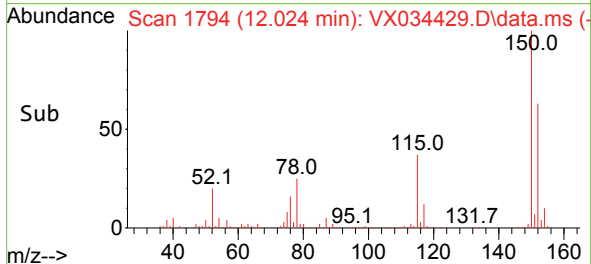
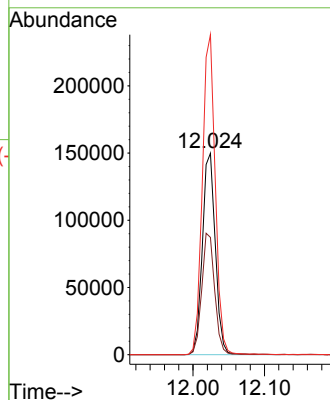
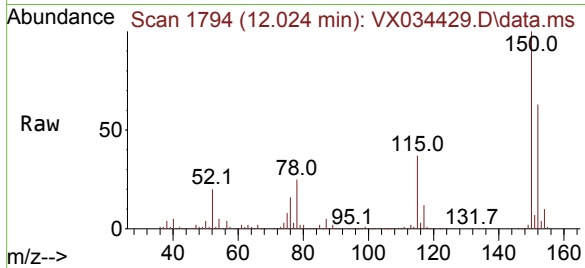
Tgt Ion:152 Resp: 188794

Ion Ratio Lower Upper

152 100

115 60.3 45.0 135.0

150 158.2 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 23.738 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034429.D

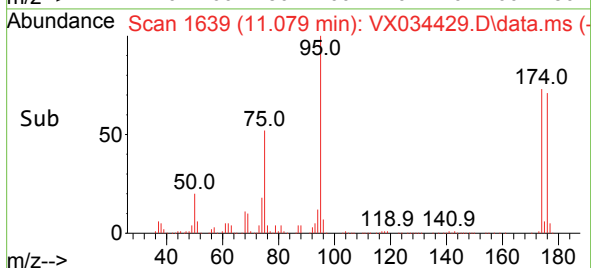
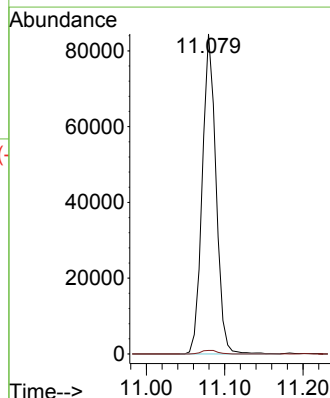
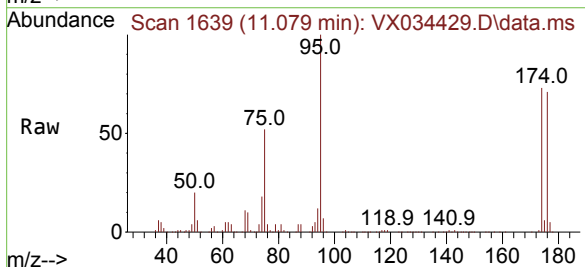
Acq: 13 Mar 2023 13:50

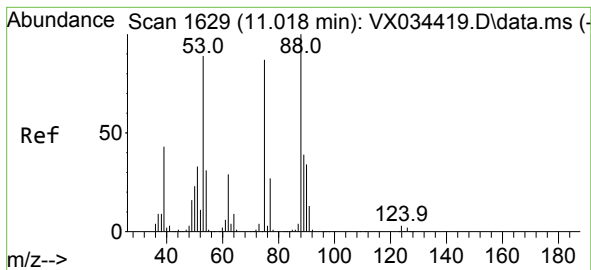
Tgt Ion: 75 Resp: 102902

Ion Ratio Lower Upper

75 100

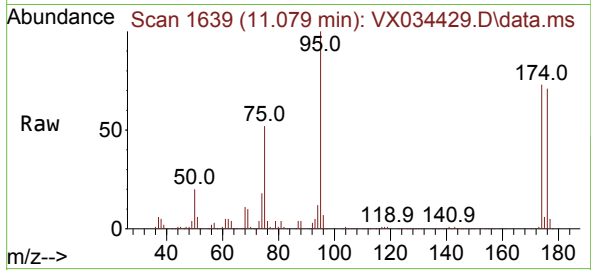
77 1.3 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.218 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX034429.D
Acq: 13 Mar 2023 13:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 102902
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

