

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038449.D
 Acq On : 24 Oct 2023 12:16
 Operator : JC/MD
 Sample : VX1024MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 06:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	150429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97540	40.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.620%
35) Dibromofluoromethane	5.385	113	85951	45.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.647	98	317351	43.650	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.300%#
62) 4-Bromofluorobenzene	11.079	95	121101	43.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.880%

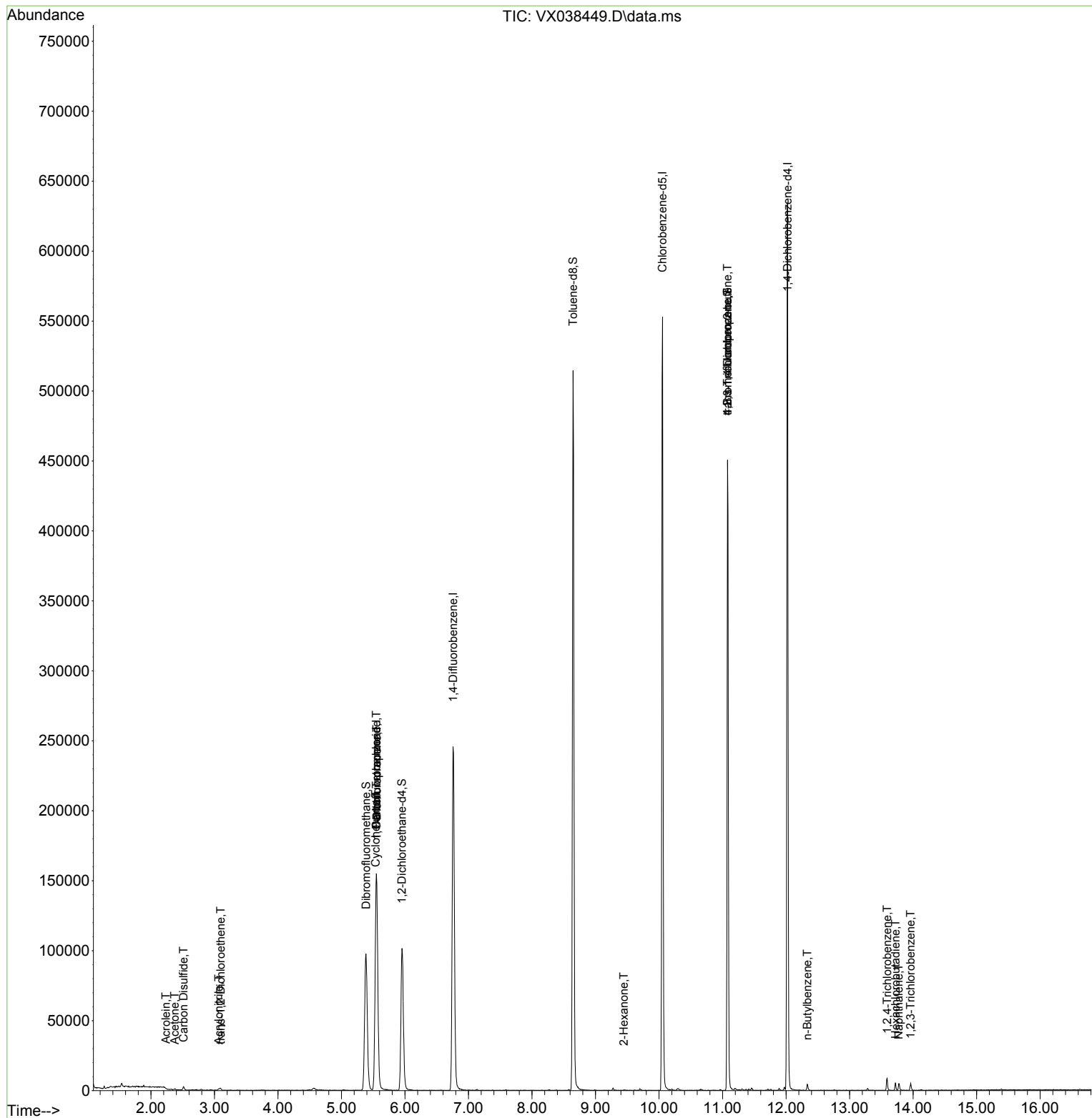
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	211	Below Cal	#	60
6) Chloroethane	1.691	64	87	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	269	Below Cal	#	78
13) Acrolein	2.233	56	293	0.852	ug/l #	62
15) Acrylonitrile	3.068	53	845	0.767	ug/l	97
16) Acetone	2.373	43	622	0.616	ug/l #	63
17) Carbon Disulfide	2.514	76	2773	0.699	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	485	0.285	ug/l #	58
31) Cyclohexane	5.538	56	3484	1.329	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	11966	4.561	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15330	5.940	ug/l #	16
59) 2-Hexanone	9.445	43	546	0.212	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	63287	20.318	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63287	58.575	ug/l #	5
89) n-Butylbenzene	12.335	91	1699	0.206	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2340	0.806	ug/l	94
94) Hexachlorobutadiene	13.725	225	846	0.724	ug/l	89
95) Naphthalene	13.774	128	4106	0.406	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1507	0.536	ug/l	91

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 25 06:06:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

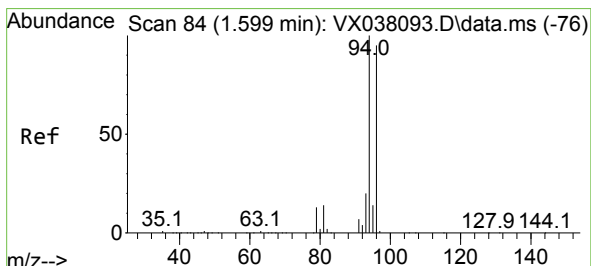
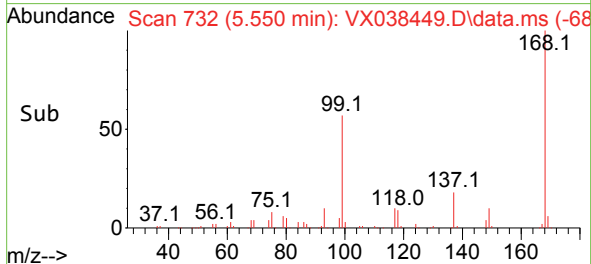
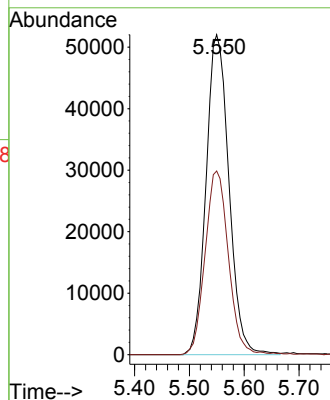
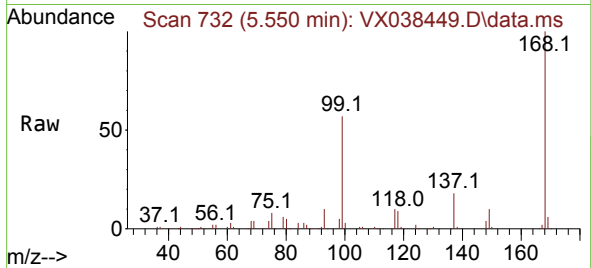




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

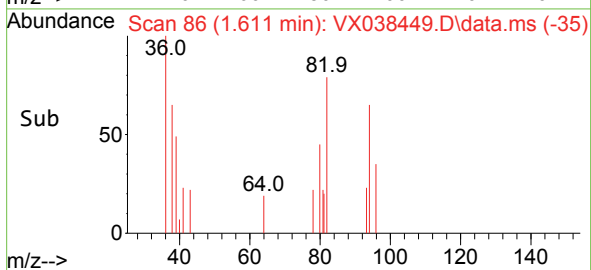
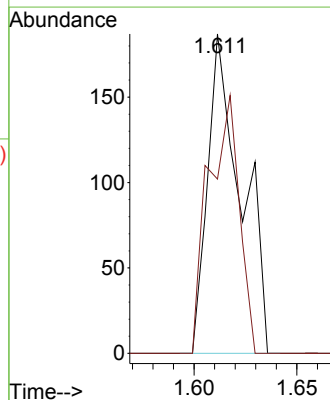
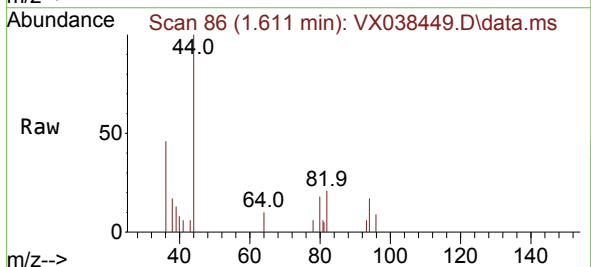
Instrument :
MSVOA_X
ClientSampleId :

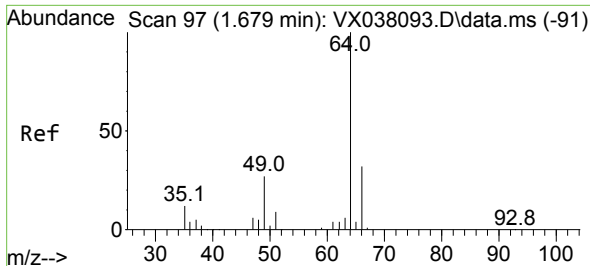
Tgt Ion:168 Resp: 150429
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 54.5 74.6 111.8#

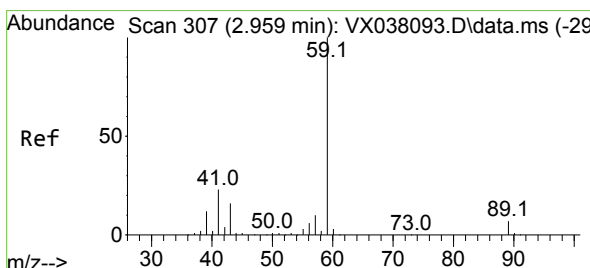
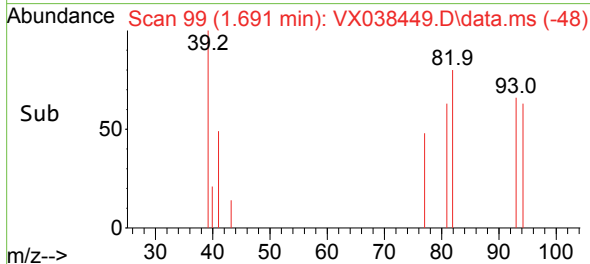
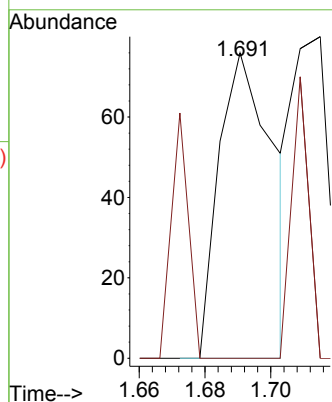
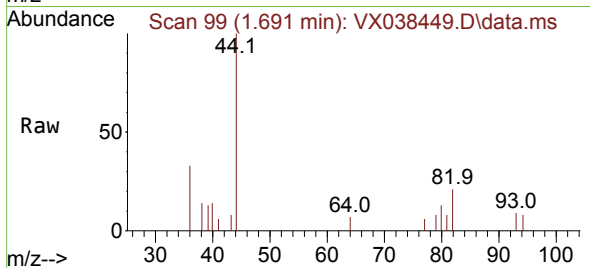




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

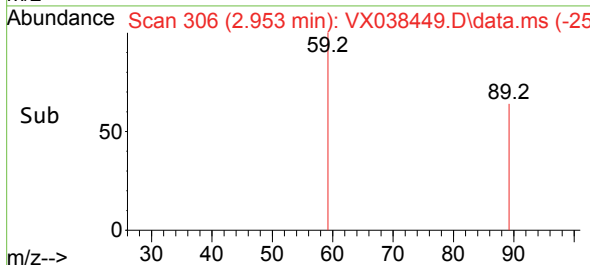
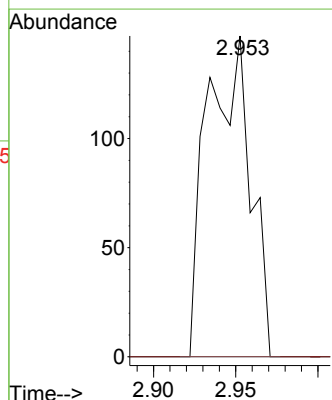
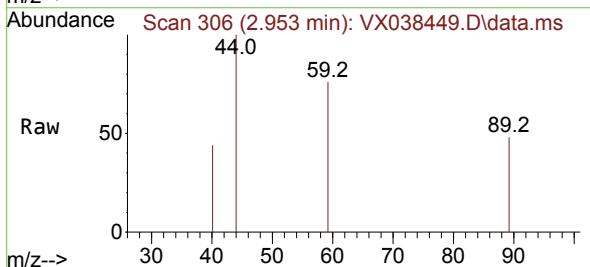
Instrument :
MSVOA_X
ClientSampleId :

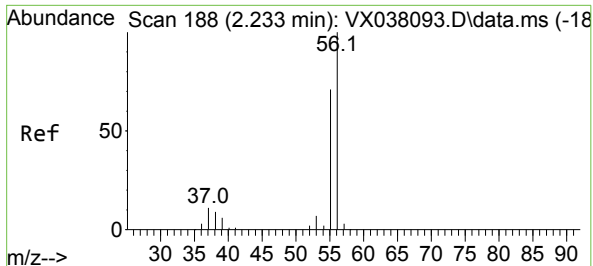
Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

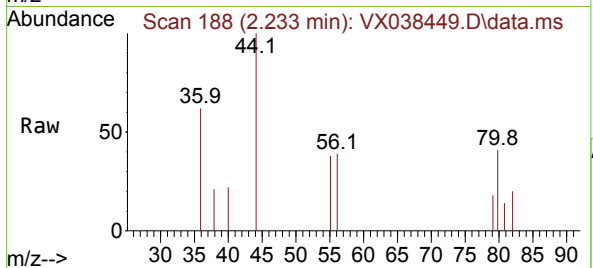
Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



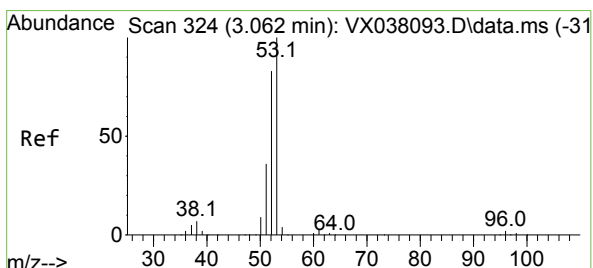
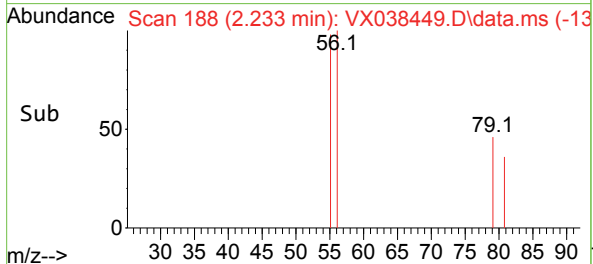
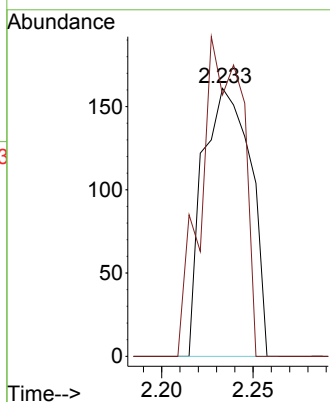


#13
Acrolein
Concen: 0.852 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

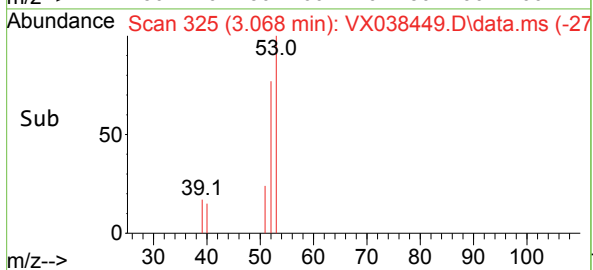
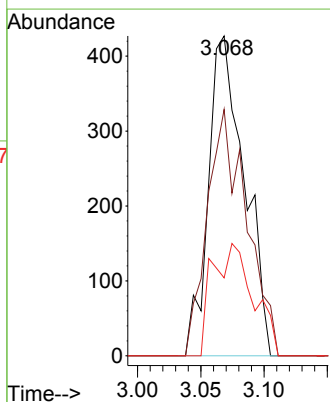
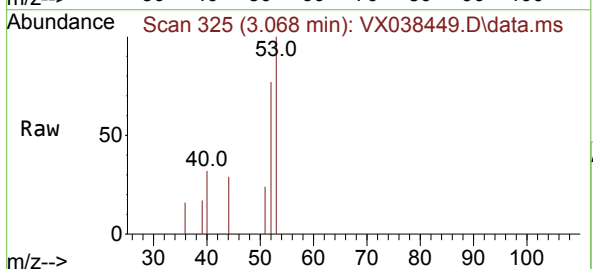


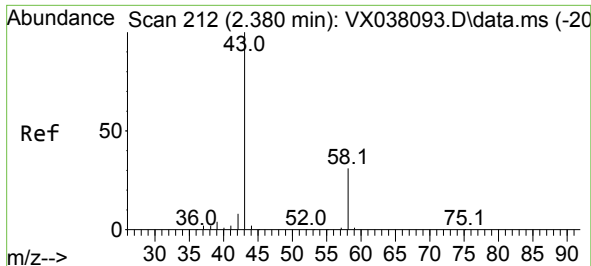
Tgt Ion: 56 Resp: 293
Ion Ratio Lower Upper
56 100
55 102.7 57.1 85.7#



#15
Acrylonitrile
Concen: 0.767 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Tgt Ion: 53 Resp: 845
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 39.8 29.8 44.6





#16

Acetone

Concen: 0.616 ug/l

RT: 2.373 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX038449.D

Acq: 24 Oct 2023 12:16

Instrument :

MSVOA_X

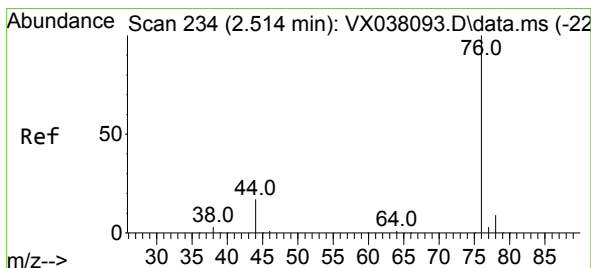
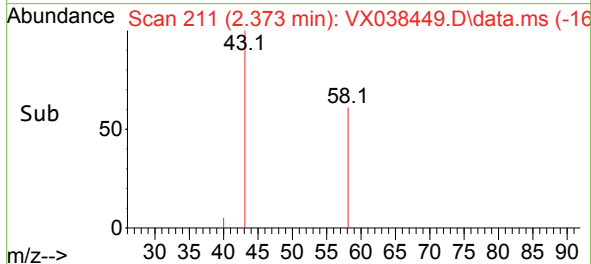
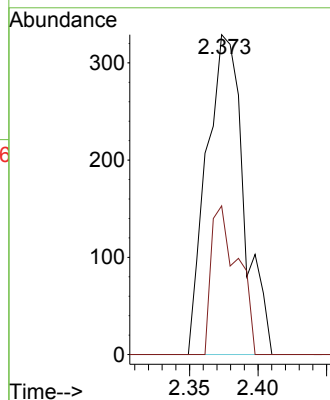
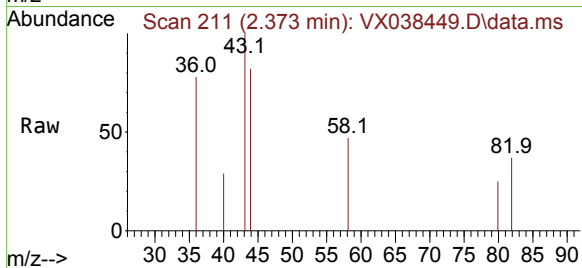
ClientSampleId :

Tgt Ion: 43 Resp: 622

Ion Ratio Lower Upper

43 100

58 46.5 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.699 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX038449.D

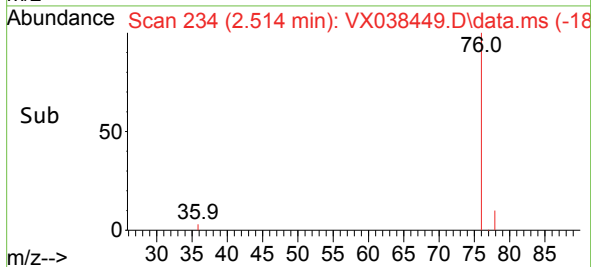
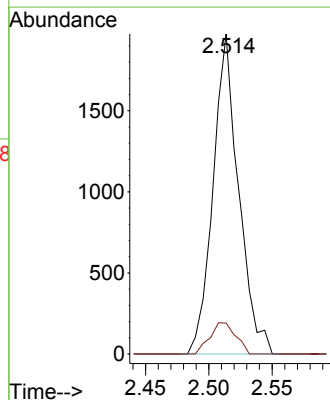
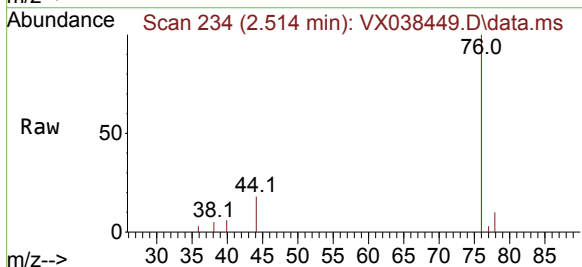
Acq: 24 Oct 2023 12:16

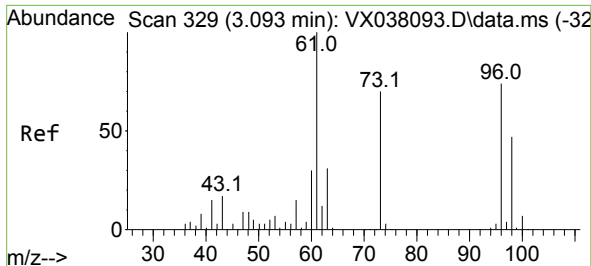
Tgt Ion: 76 Resp: 2773

Ion Ratio Lower Upper

76 100

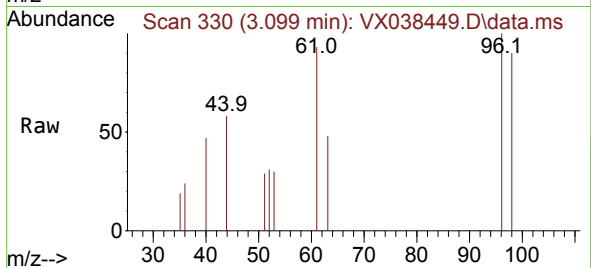
78 9.7 7.0 10.6



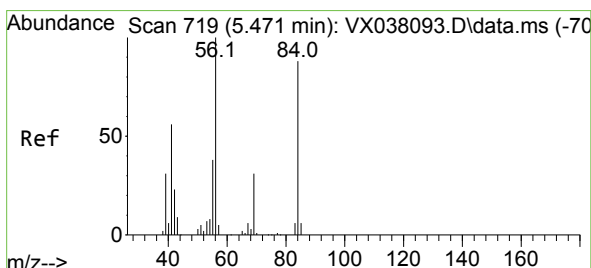
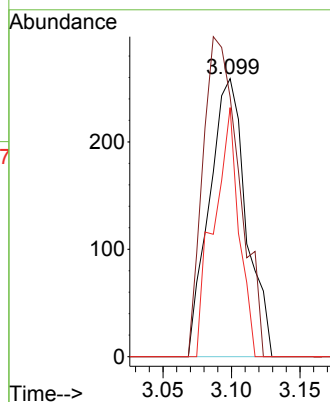
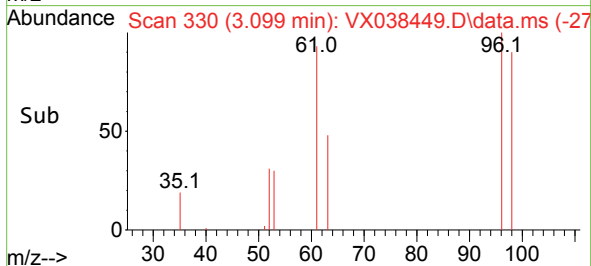


#21
trans-1,2-Dichloroethene
Concen: 0.285 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

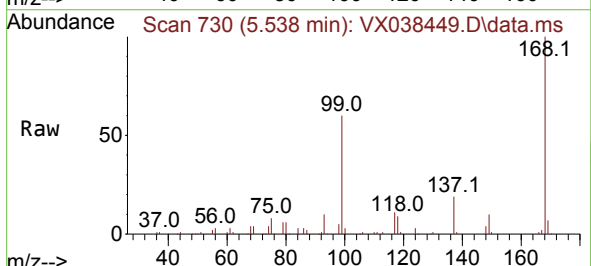
Instrument :
MSVOA_X
ClientSampleId :



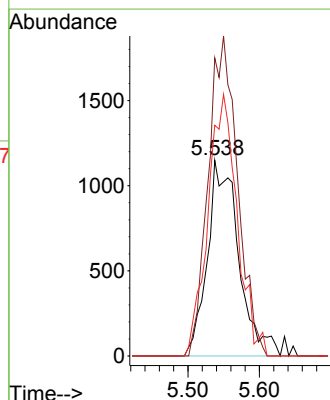
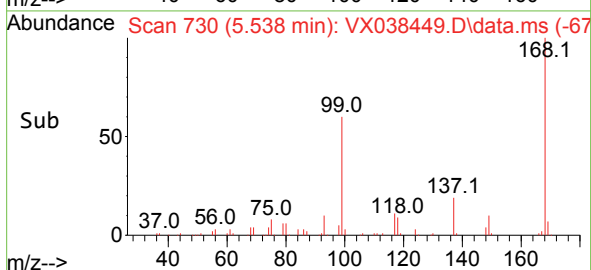
Tgt Ion: 96 Resp: 485
Ion Ratio Lower Upper
96 100
61 93.4 119.2 178.8#
98 89.6 48.7 73.1#

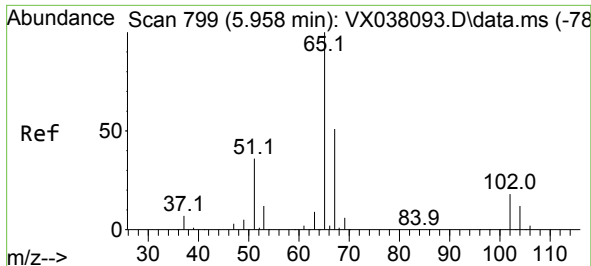


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16



Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
69 152.3 23.4 35.2#
84 117.9 65.9 98.9#

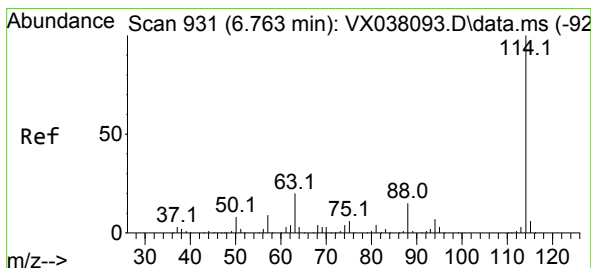
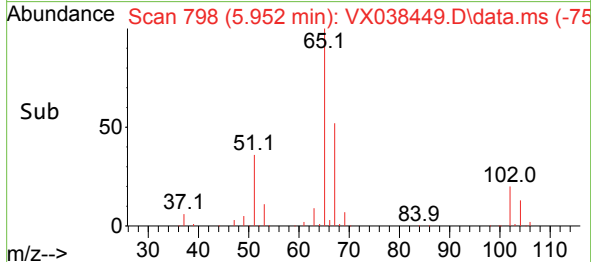
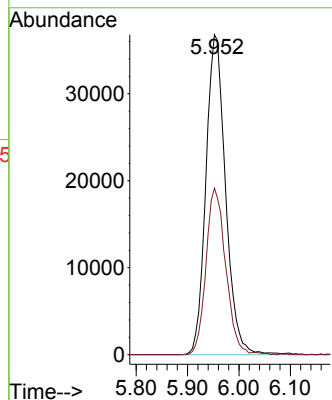
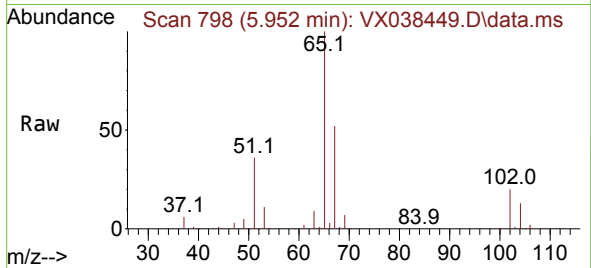




#33
1,2-Dichloroethane-d4
Concen: 40.313 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

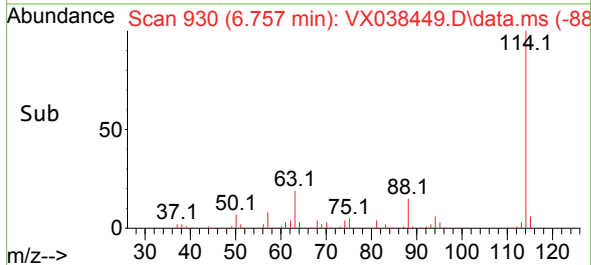
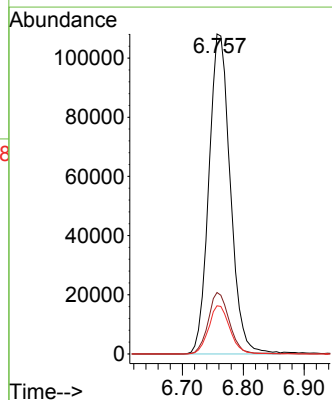
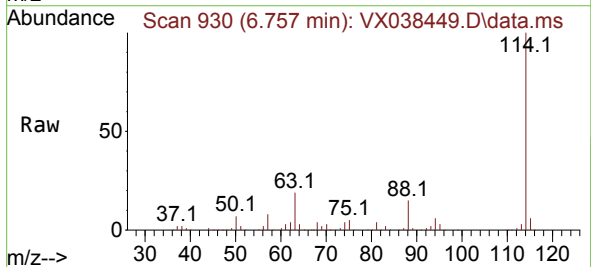
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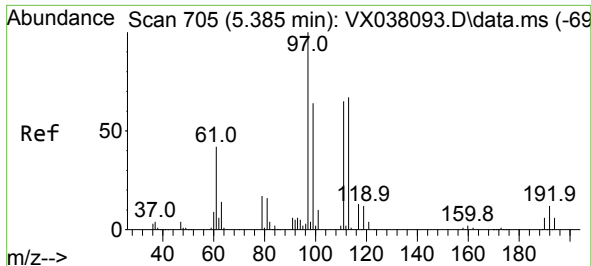
Tgt Ion: 65 Resp: 97540
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

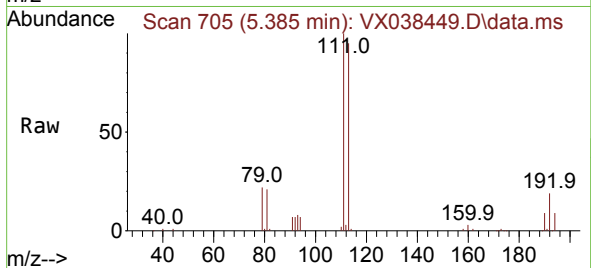
Tgt Ion: 114 Resp: 264046
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.1 0.0 36.6



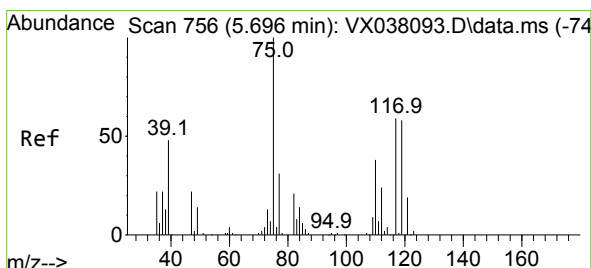
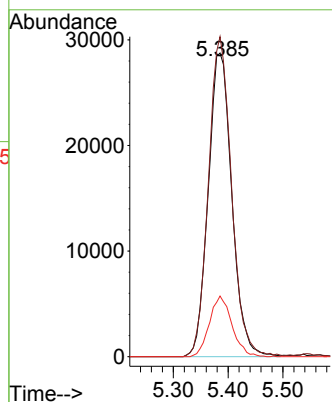
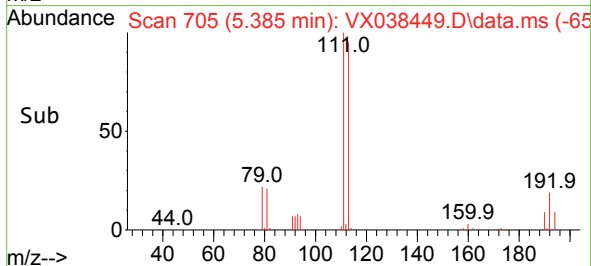


#35
Dibromofluoromethane
Concen: 45.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

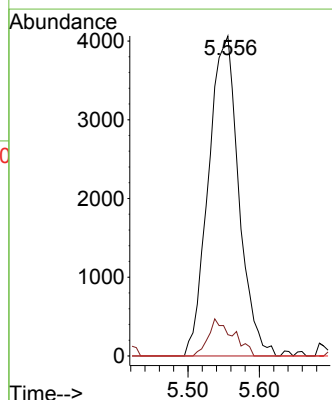
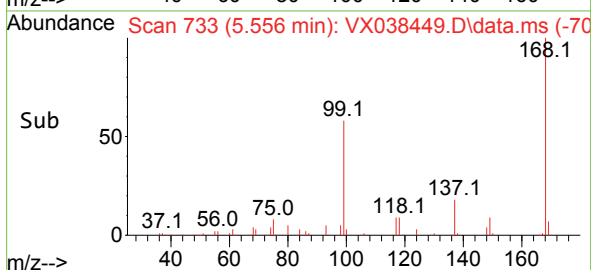
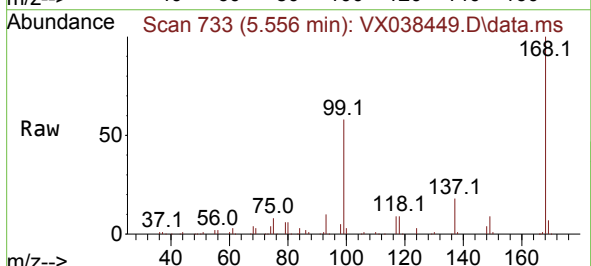


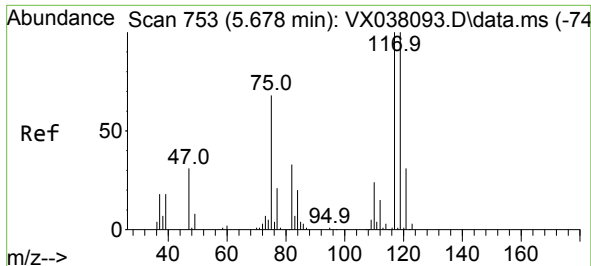
Tgt Ion:113 Resp: 85951
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

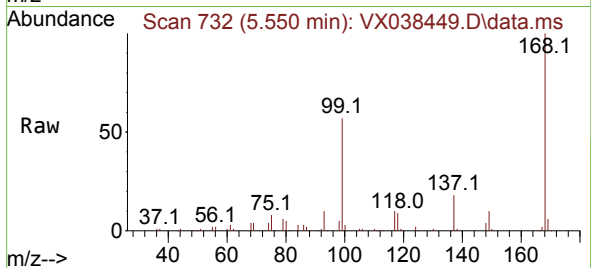
Tgt Ion: 75 Resp: 11966
Ion Ratio Lower Upper
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110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



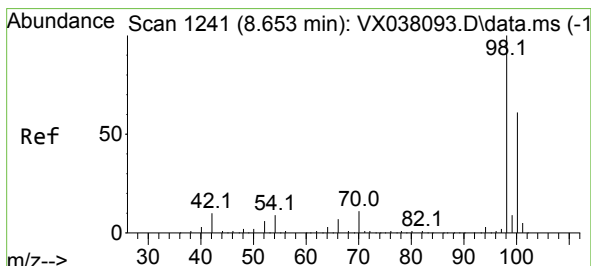
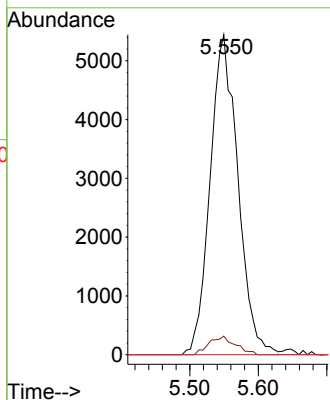
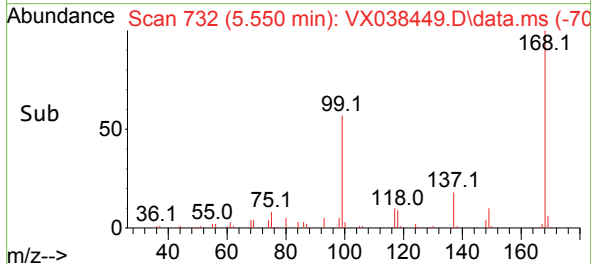


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

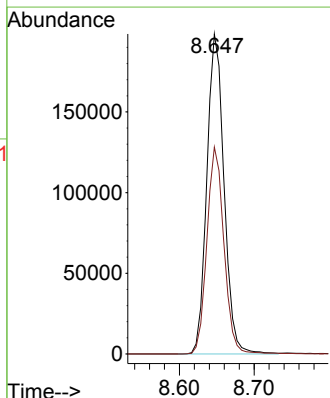
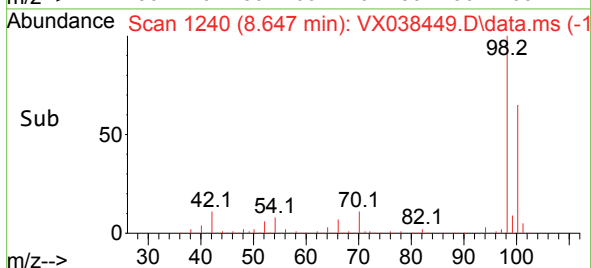
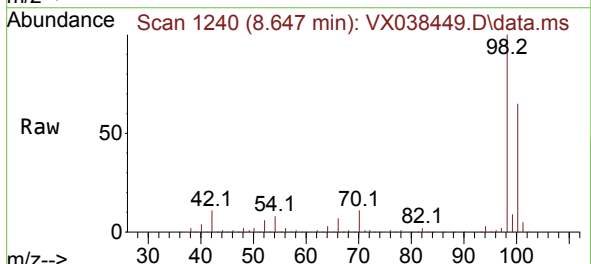


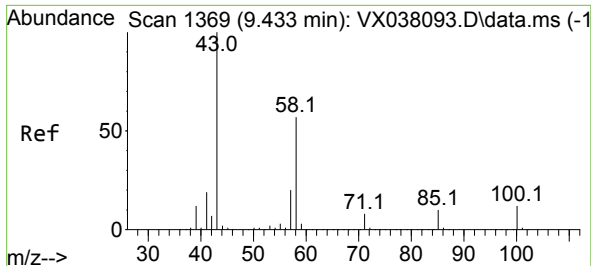
Tgt Ion:117 Resp: 15330
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Tgt Ion: 98 Resp: 317351
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

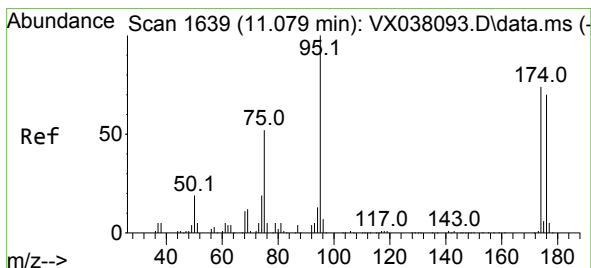
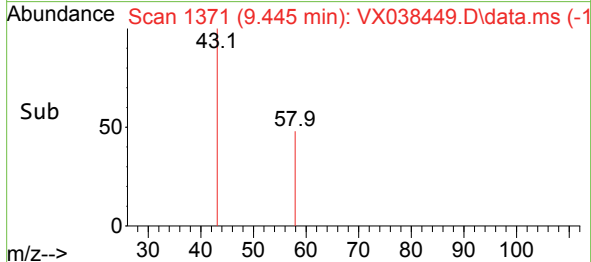
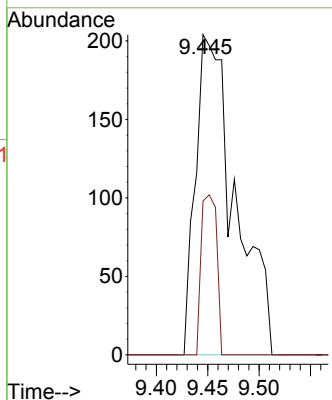
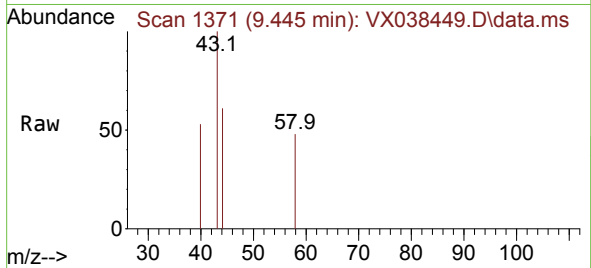




#59
2-Hexanone
Concen: 0.212 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

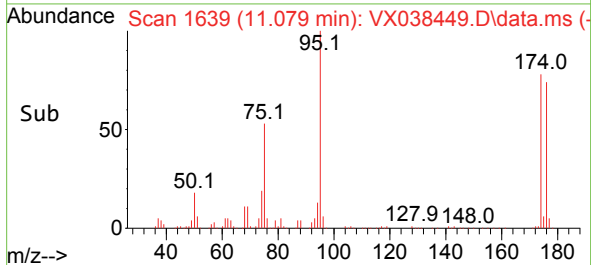
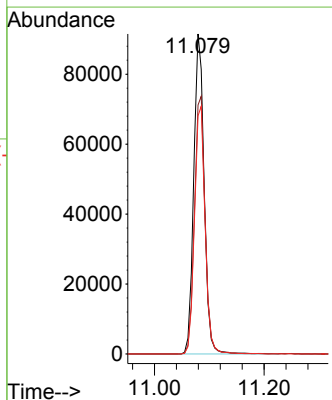
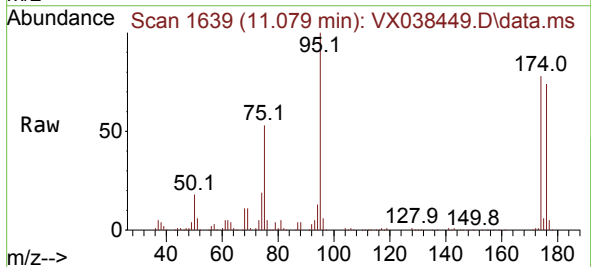
Instrument :
MSVOA_X
ClientSampleId :

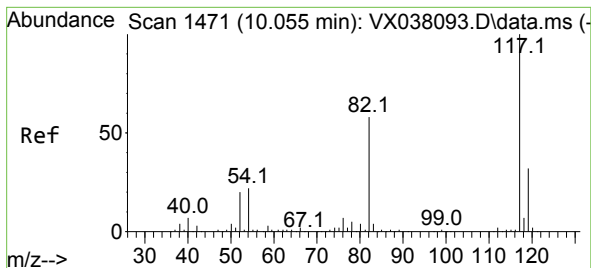
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
58 19.8 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 43.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

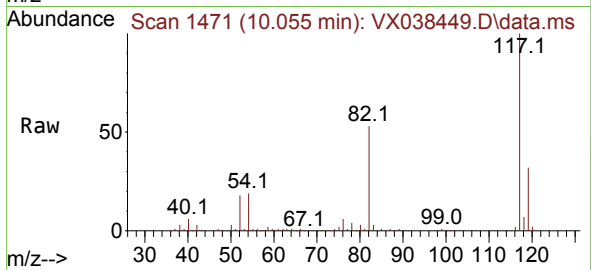
Tgt Ion: 95 Resp: 121101
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.0 0.0 131.0



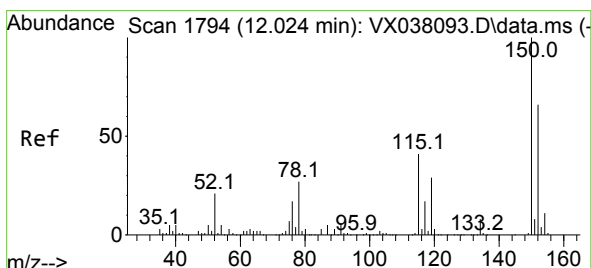
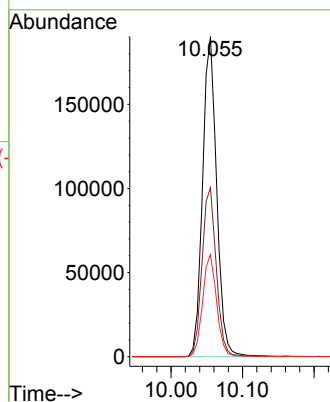
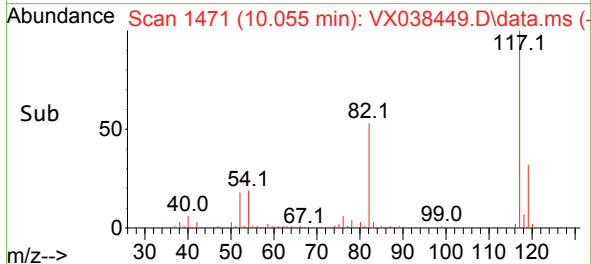


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

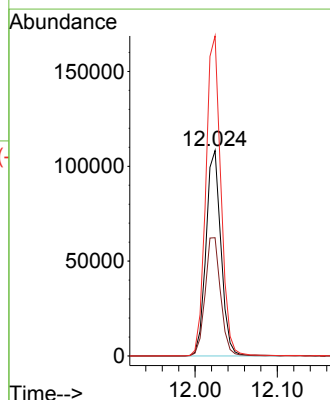
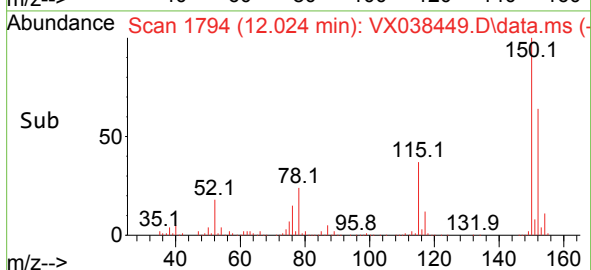
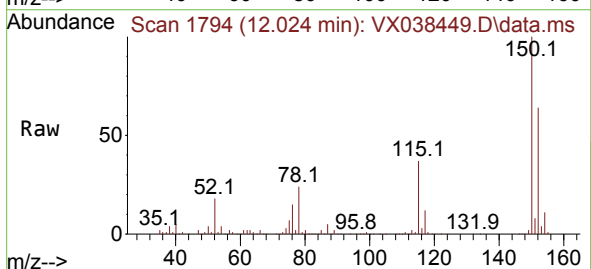


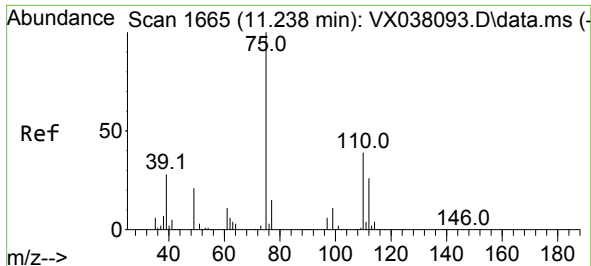
Tgt Ion:117 Resp: 260415
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Tgt Ion:152 Resp: 137014
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.6 0.0 345.0

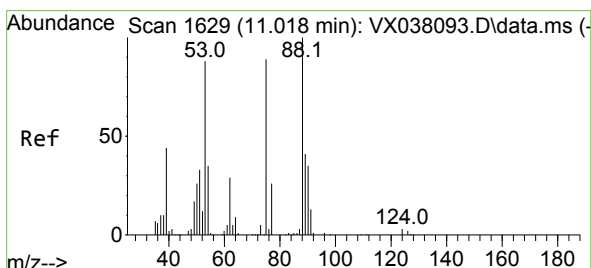
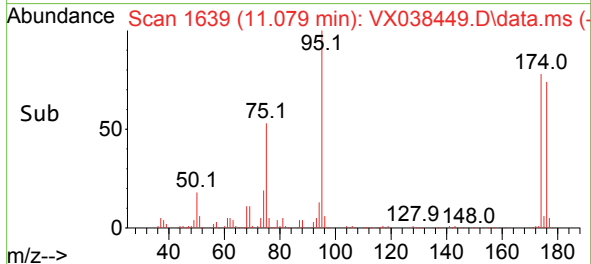
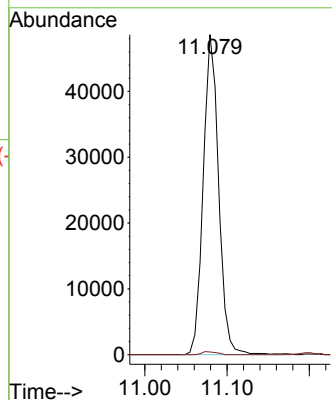
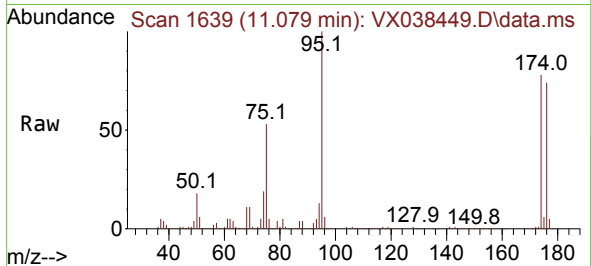




#76
1,2,3-Trichloropropane
Concen: 20.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

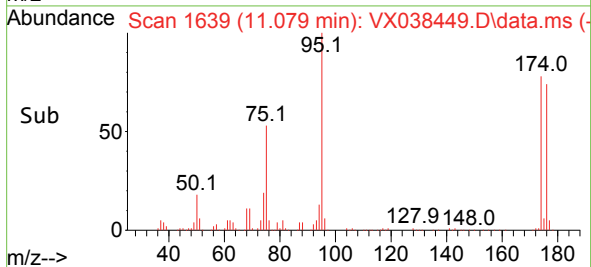
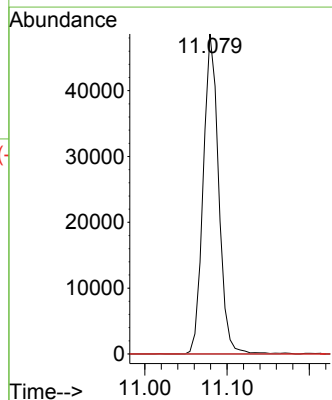
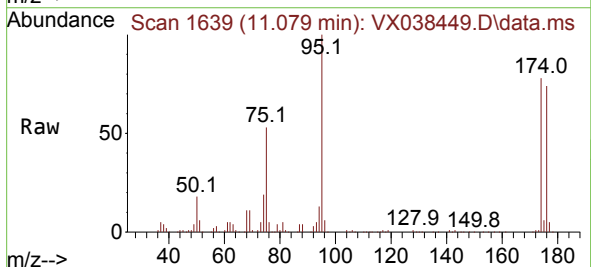
Instrument :
MSVOA_X
ClientSampleId :

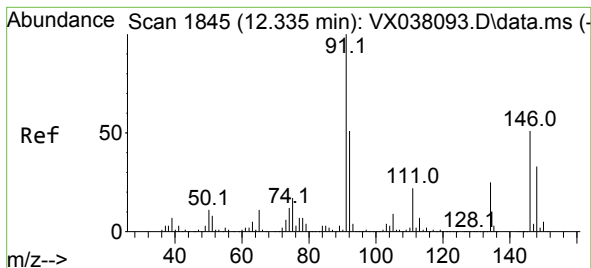
Tgt Ion: 75 Resp: 63287
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038449.D
Acq: 24 Oct 2023 12:16

Tgt Ion: 75 Resp: 63287
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.206 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038449.D

Acq: 24 Oct 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

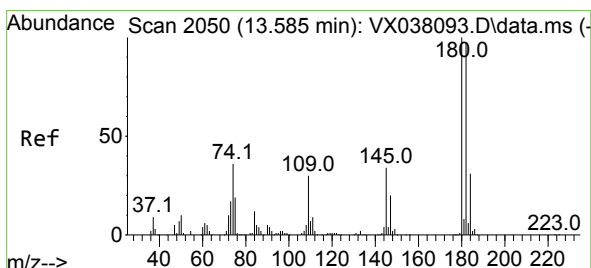
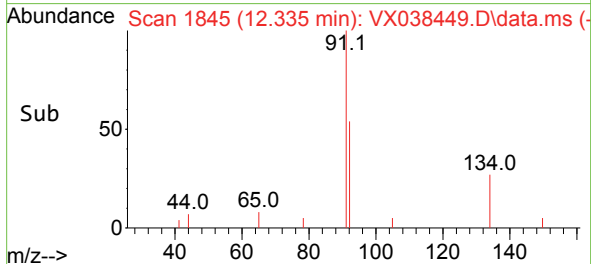
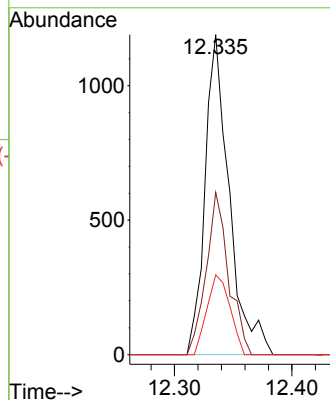
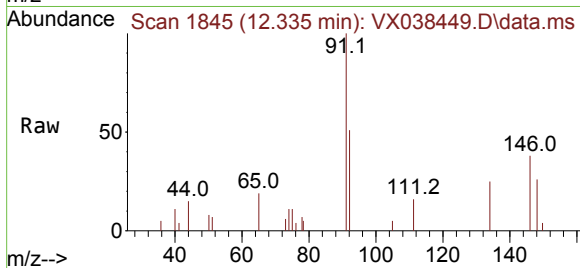
Tgt Ion: 91 Resp: 1699

Ion Ratio Lower Upper

91 100

92 47.2 27.4 82.0

134 23.8 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.806 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038449.D

Acq: 24 Oct 2023 12:16

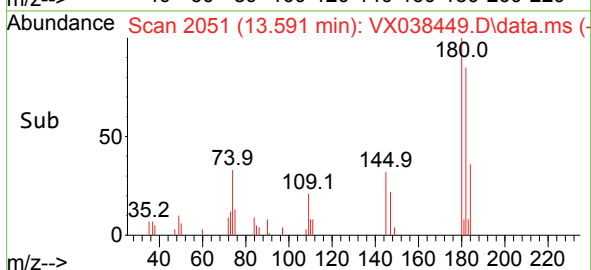
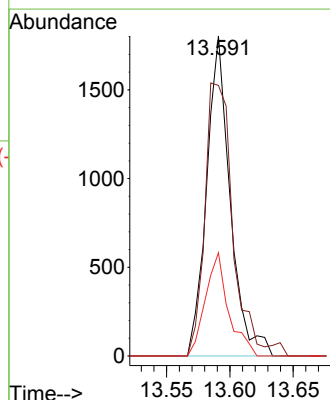
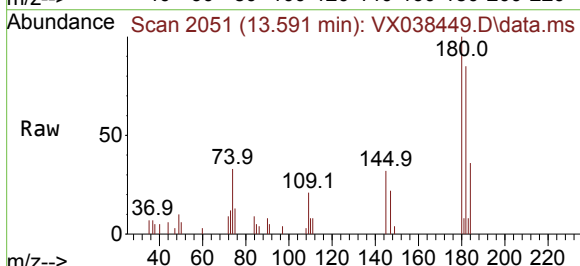
Tgt Ion: 180 Resp: 2340

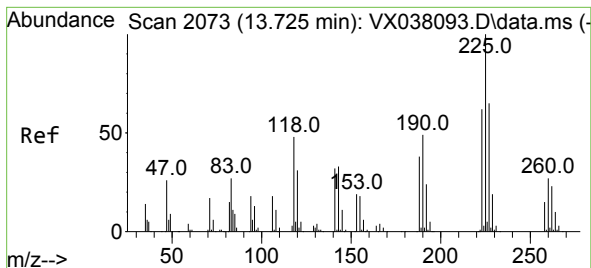
Ion Ratio Lower Upper

180 100

182 102.1 48.3 144.8

145 31.6 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.724 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

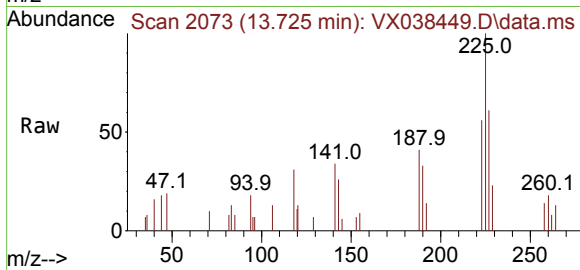
Lab File: VX038449.D

Acq: 24 Oct 2023 12:16

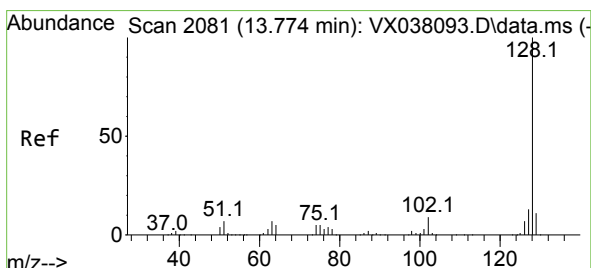
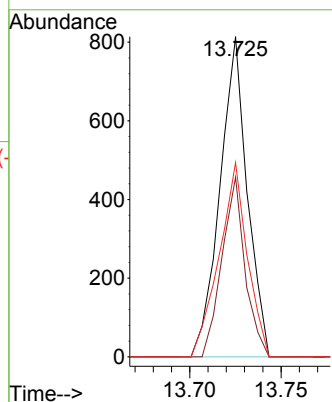
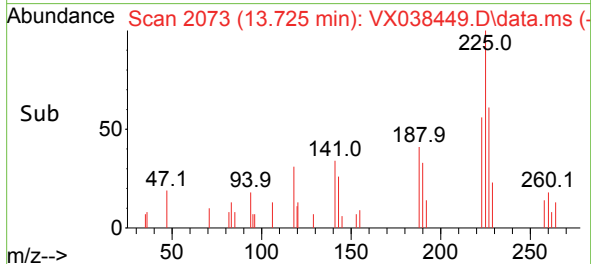
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	225	Resp:	846
Ion Ratio	Lower	Upper	
225	100		
223	47.5	31.1	93.2
227	62.9	32.5	97.5



#95

Naphthalene

Concen: 0.406 ug/l

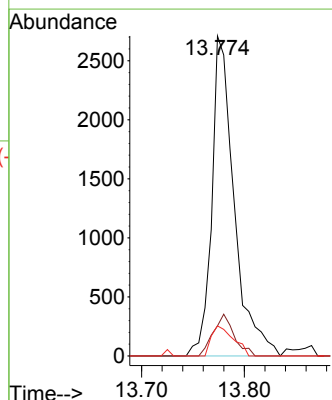
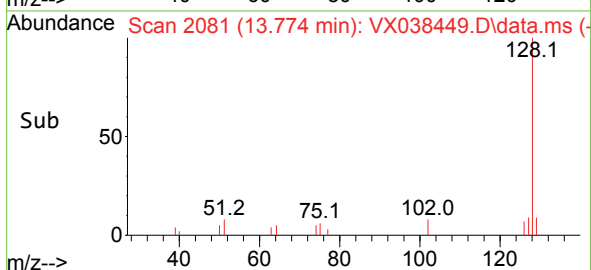
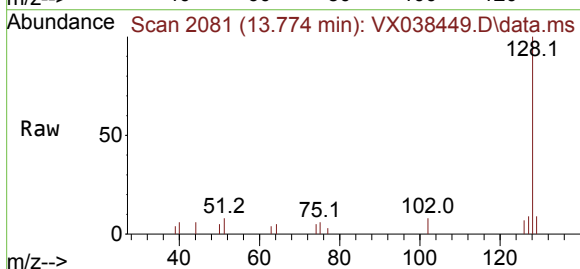
RT: 13.774 min Scan# 2081

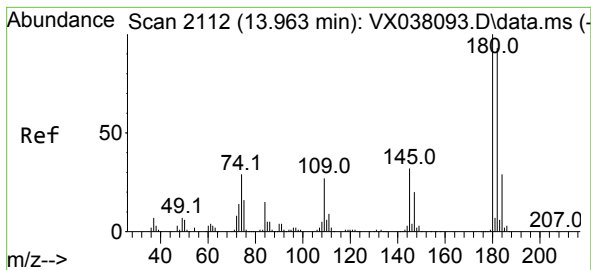
Delta R.T. -0.000 min

Lab File: VX038449.D

Acq: 24 Oct 2023 12:16

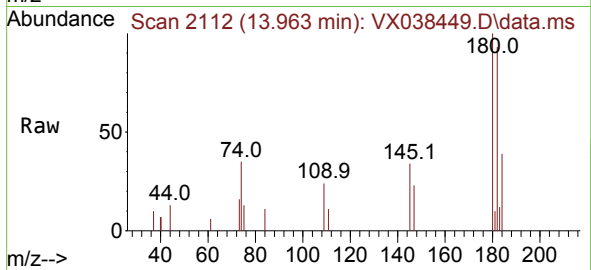
Tgt Ion:	128	Resp:	4106
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.3	15.5
129	9.3	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.536 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038449.D
 Acq: 24 Oct 2023 12:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1507
Ion Ratio	Lower	Upper	
180	100		
182	104.0	46.9	140.6
145	33.8	17.8	53.5

