

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038933.D
 Acq On : 18 Nov 2023 17:04
 Operator : JC/MD
 Sample : 05404-32
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20231110

Quant Time: Nov 20 04:37:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

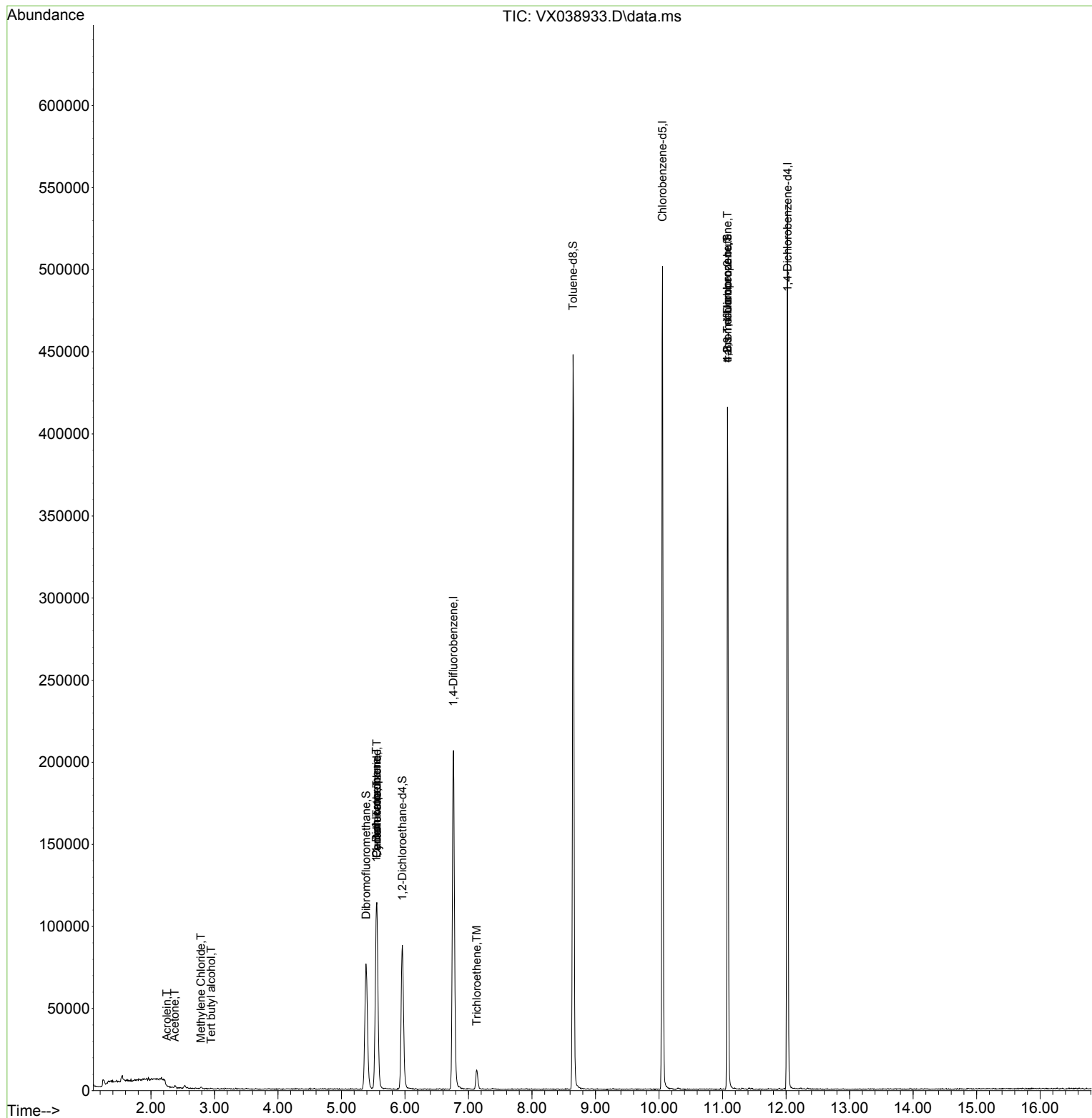
Internal Standards						
1) Pentafluorobenzene	5.556	168	103018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81348	49.006	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.020%		
35) Dibromofluoromethane	5.385	113	67962	44.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.600%		
50) Toluene-d8	8.647	98	265594	45.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.520%#		
62) 4-Bromofluorobenzene	11.079	95	114830	49.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	249	0.539	ug/l #	58
13) Acrolein	2.252	56	135	0.553	ug/l #	14
16) Acetone	2.373	43	1237	1.400	ug/l	90
20) Methylene Chloride	2.788	84	427	0.268	ug/l #	83
31) Cyclohexane	5.556	56	3056	1.289	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	9671	4.448	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11789	5.866	ug/l #	15
44) Trichloroethene	7.129	130	4582	2.927	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	61225	22.581	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61225	50.086	ug/l #	5

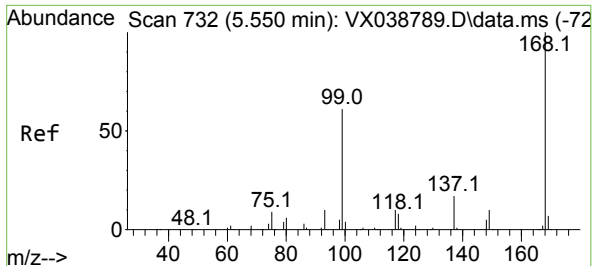
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

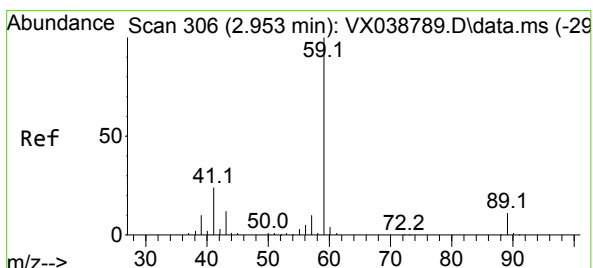
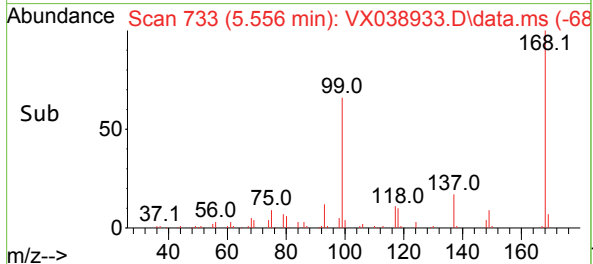
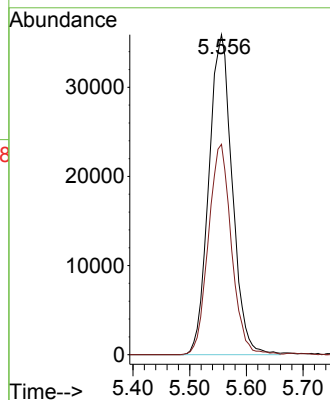
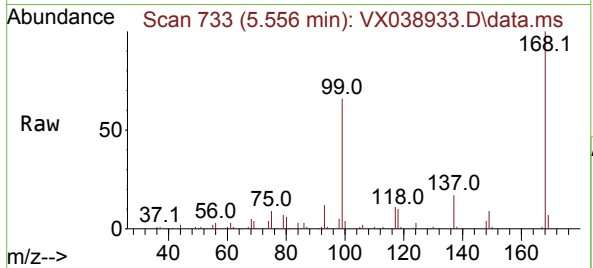




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

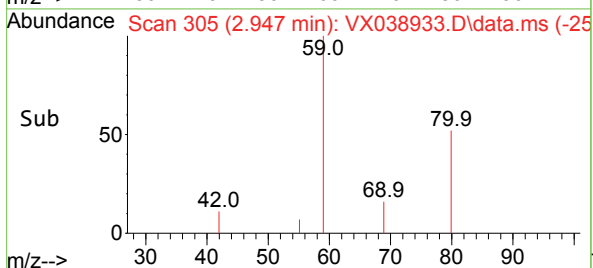
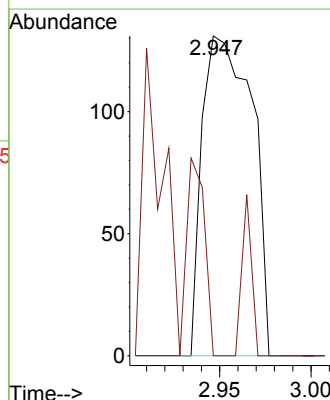
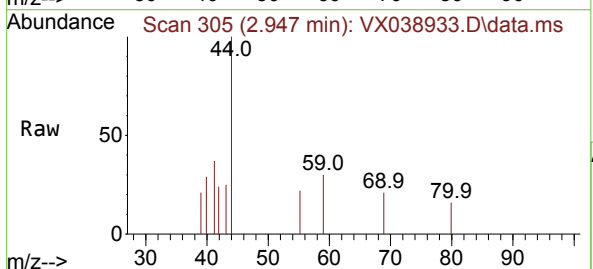
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20231110

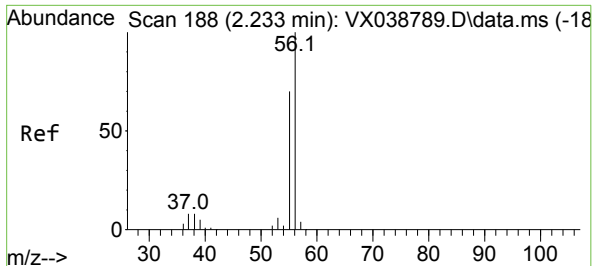
Tgt Ion:168 Resp: 103018
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.539 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 22.1 6.0 9.0#

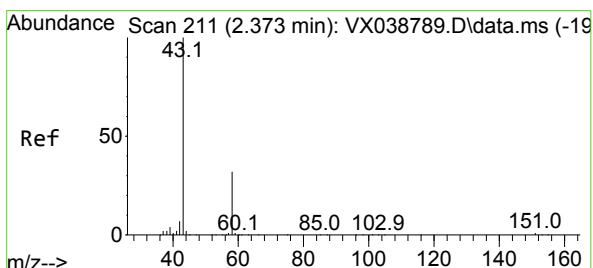
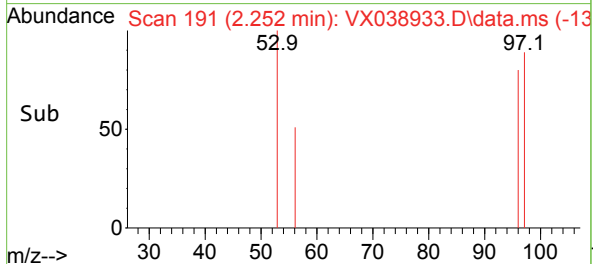
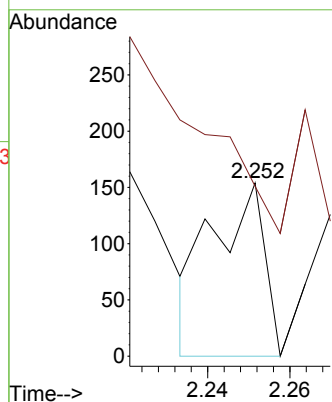
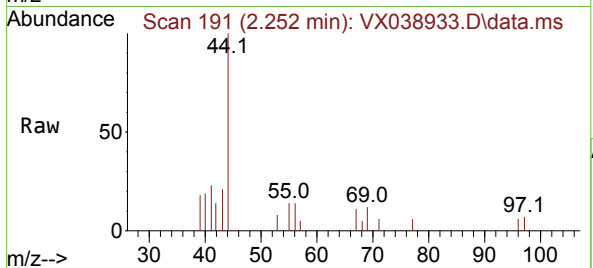




#13
Acrolein
Concen: 0.553 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

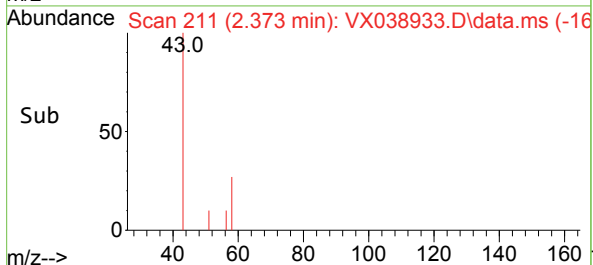
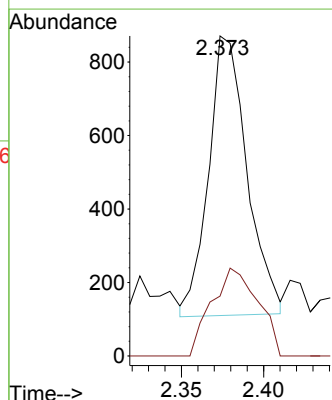
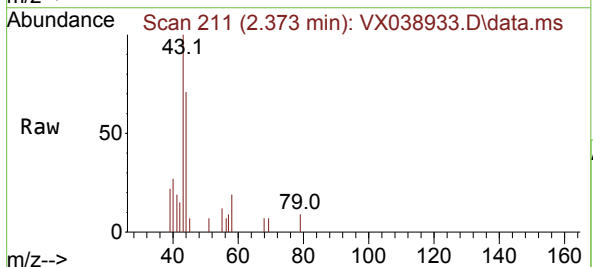
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20231110

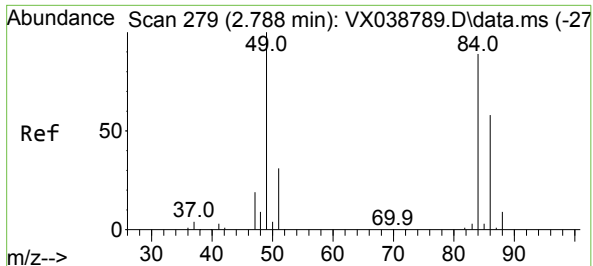
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.400 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 22.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.268 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038933.D

Acq: 18 Nov 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20231110

Tgt Ion: 84 Resp: 427

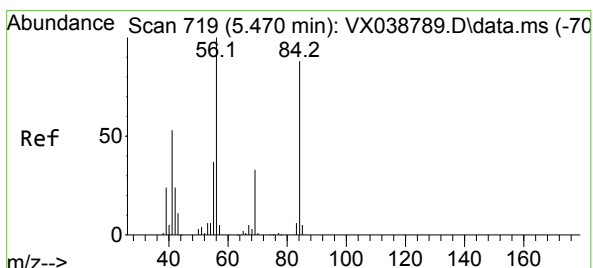
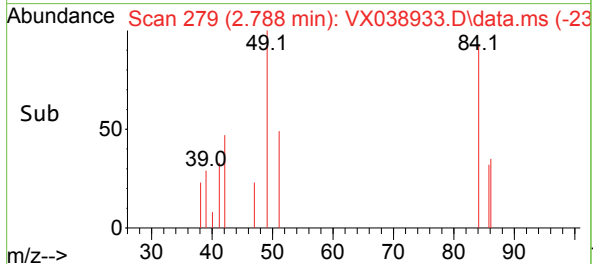
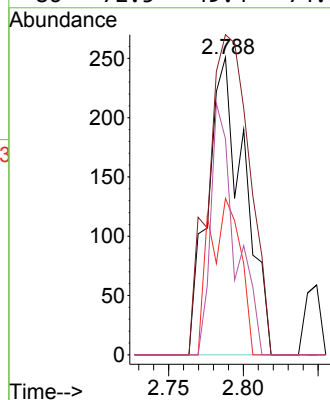
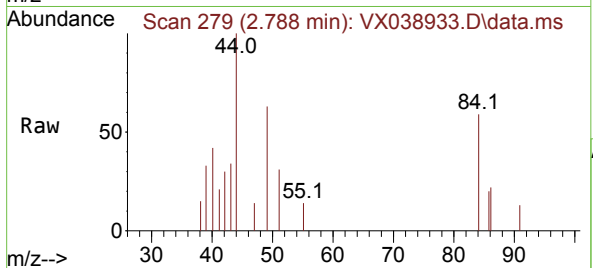
Ion Ratio Lower Upper

84 100

49 107.6 103.6 155.4

51 52.6 33.8 50.6#

86 72.5 49.4 74.0



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038933.D

Acq: 18 Nov 2023 17:04

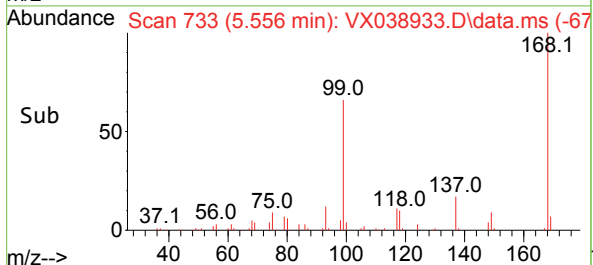
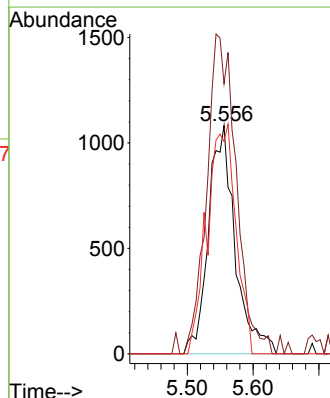
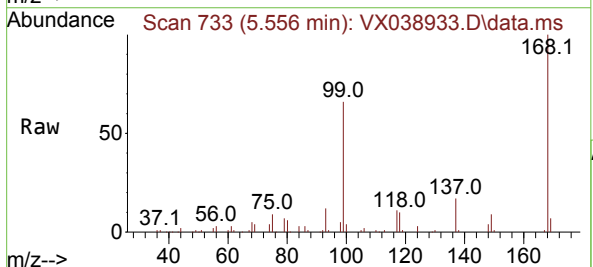
Tgt Ion: 56 Resp: 3056

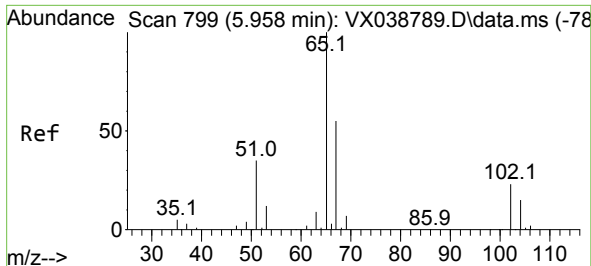
Ion Ratio Lower Upper

56 100

69 118.4 23.4 35.2#

84 93.2 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 49.006 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038933.D

Acq: 18 Nov 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

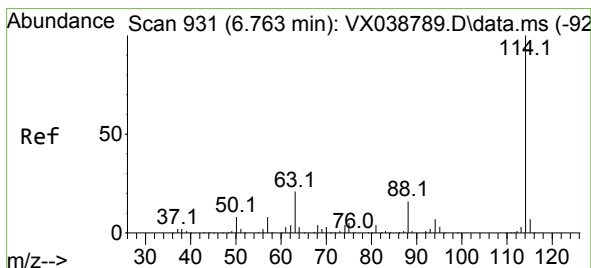
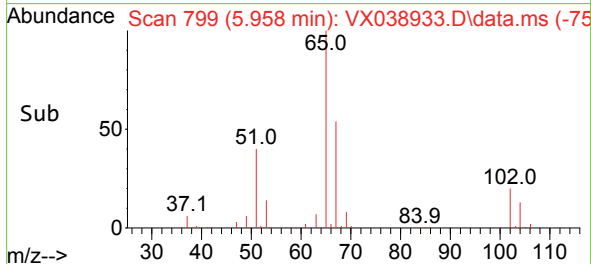
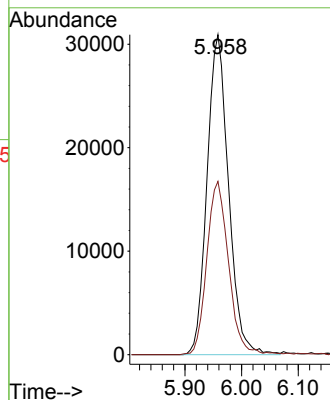
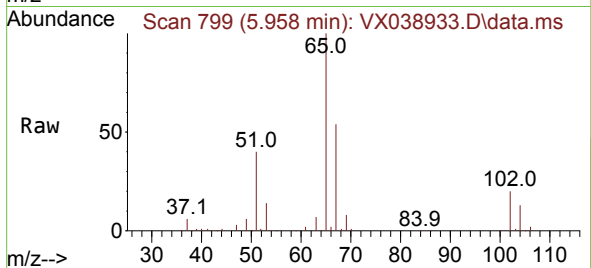
RE122D3-20231110

Tgt Ion: 65 Resp: 81348

Ion Ratio Lower Upper

65 100

67 54.9 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: VX038933.D

Acq: 18 Nov 2023 17:04

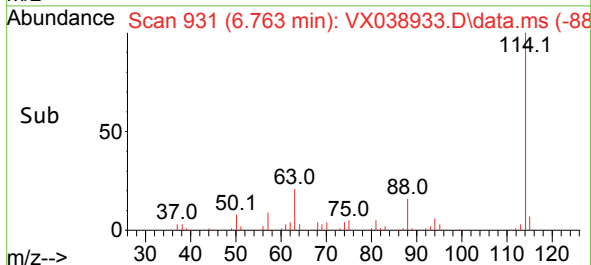
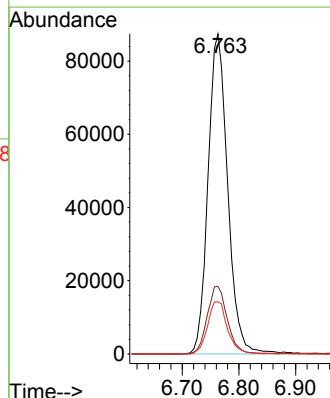
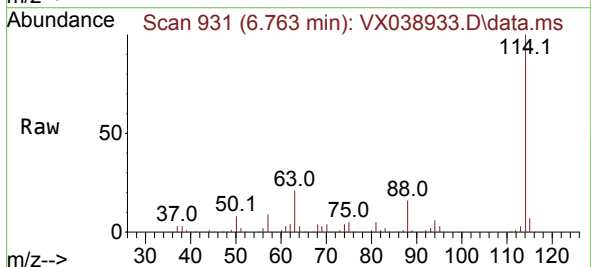
Tgt Ion:114 Resp: 210063

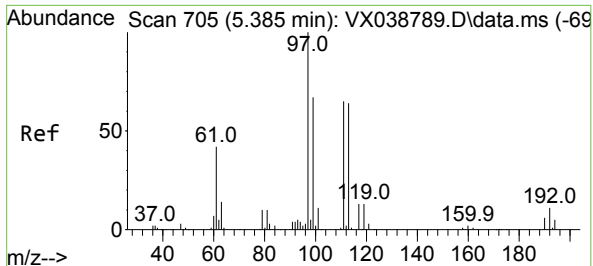
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

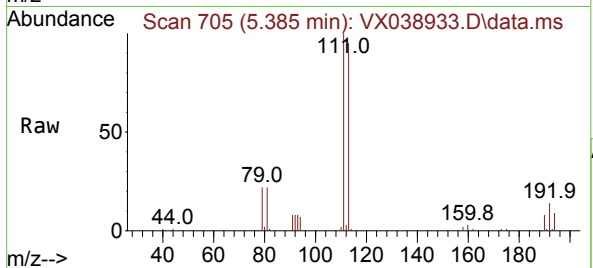
88 16.3 0.0 36.6



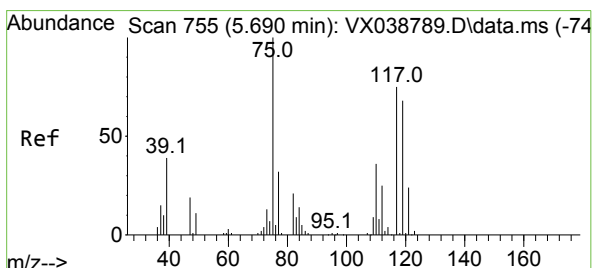
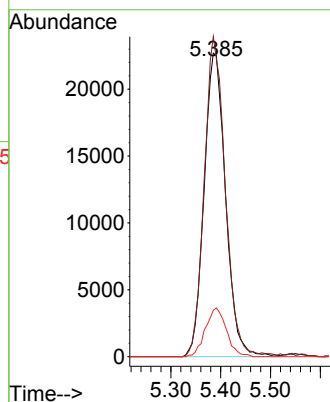
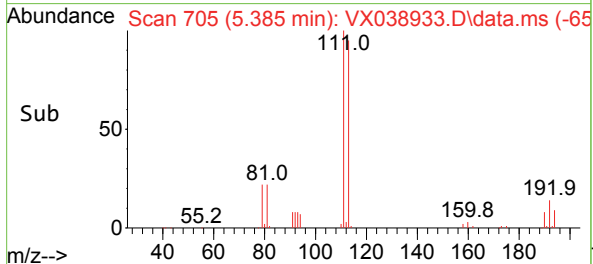


#35
Dibromofluoromethane
Concen: 44.797 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20231110

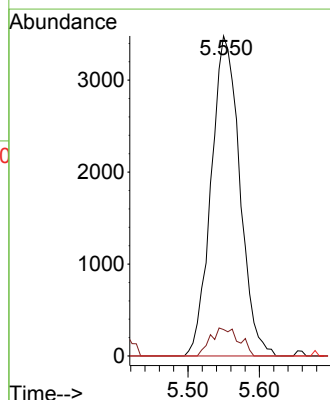
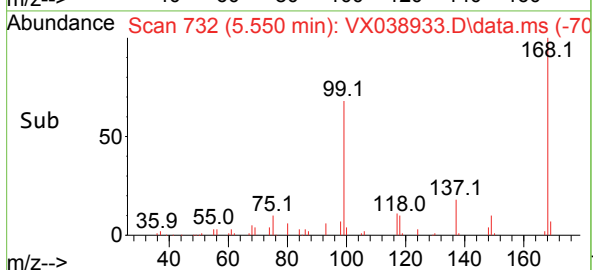
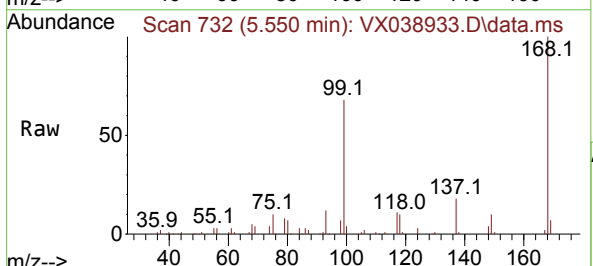


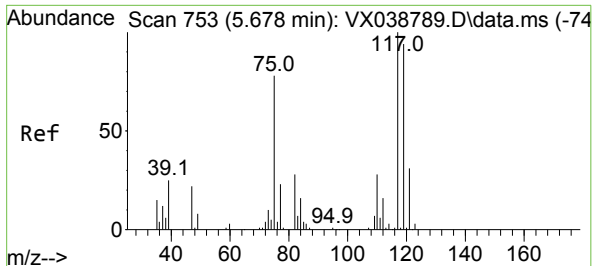
Tgt Ion:113 Resp: 67962
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

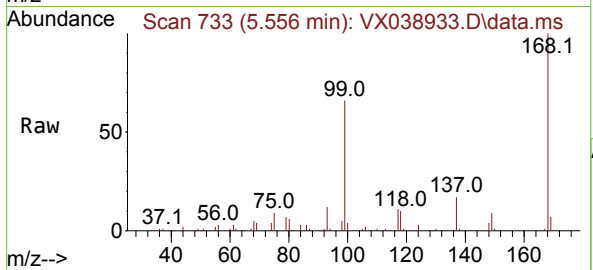
Tgt Ion: 75 Resp: 9671
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



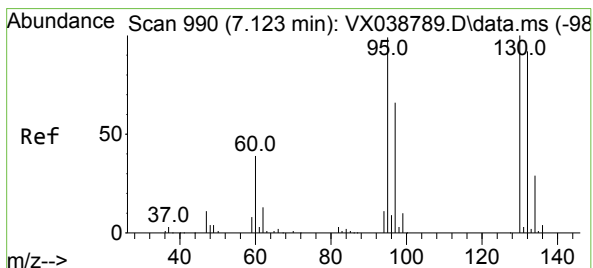
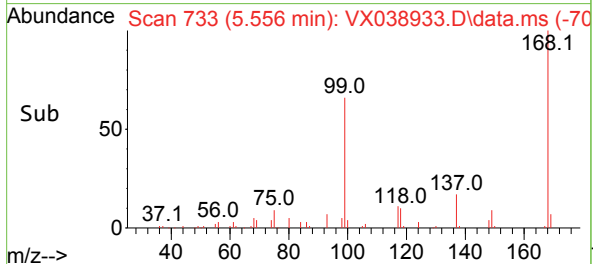
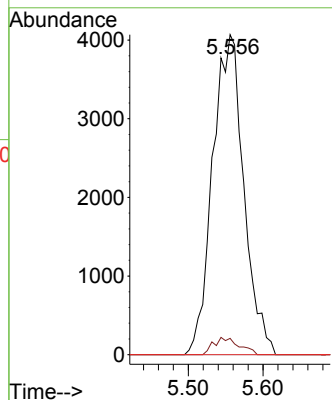


#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
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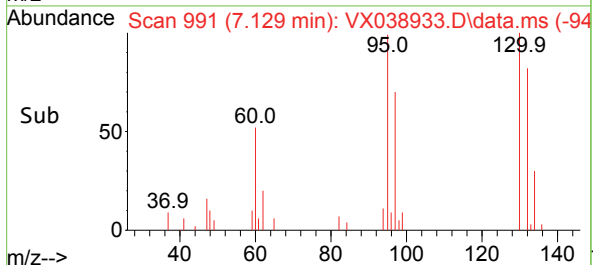
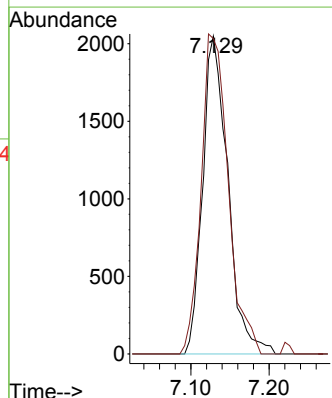
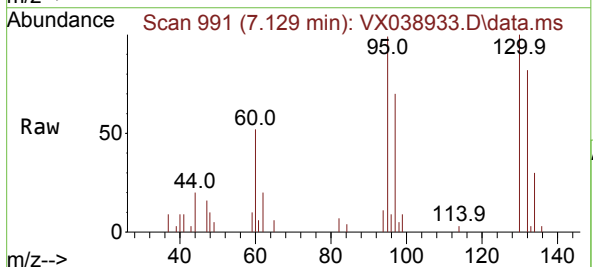


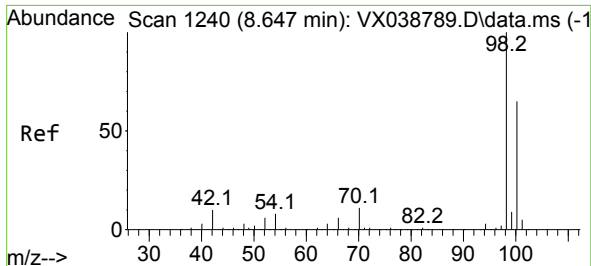
Tgt Ion:117 Resp: 11789
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.927 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Tgt Ion:130 Resp: 4582
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.4

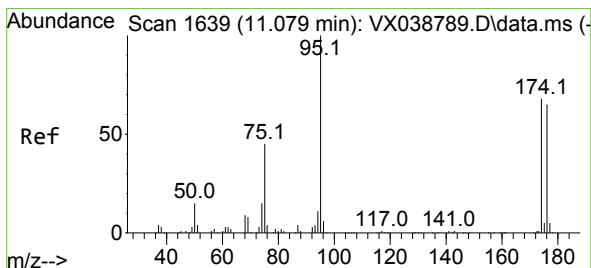
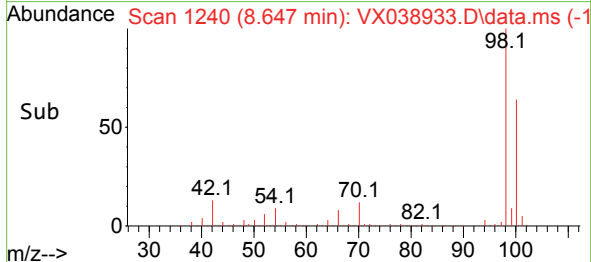
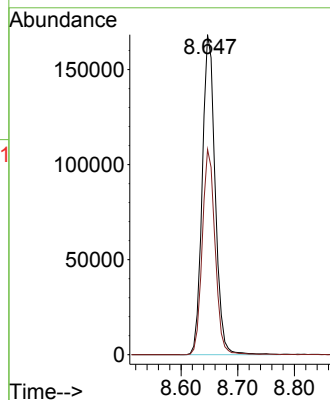
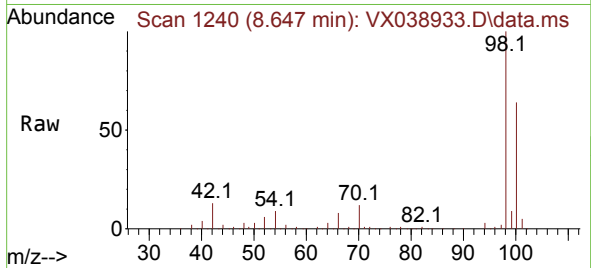




#50
Toluene-d8
Concen: 45.756 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

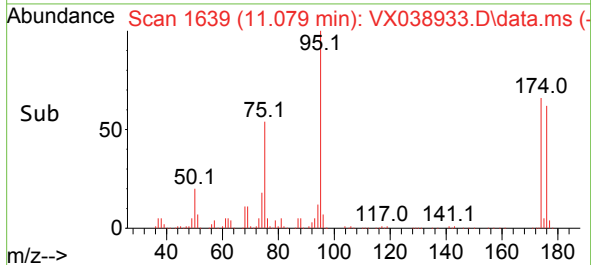
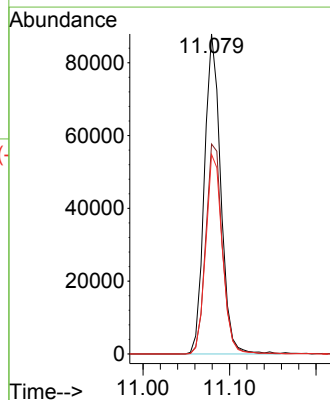
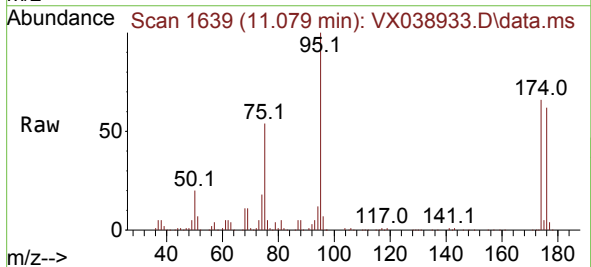
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20231110

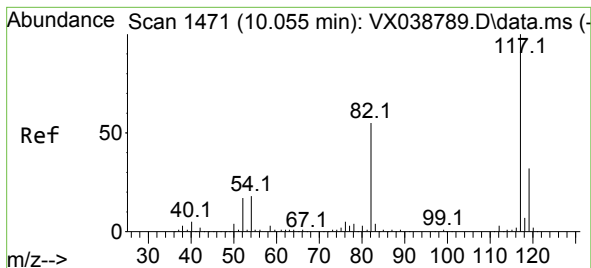
Tgt Ion: 98 Resp: 265594
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Tgt Ion: 95 Resp: 114830
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 63.6 0.0 131.0

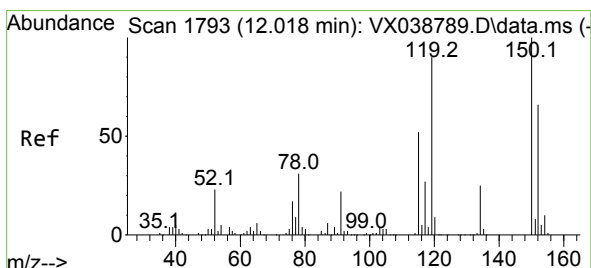
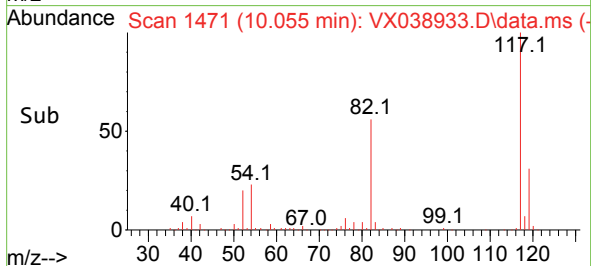
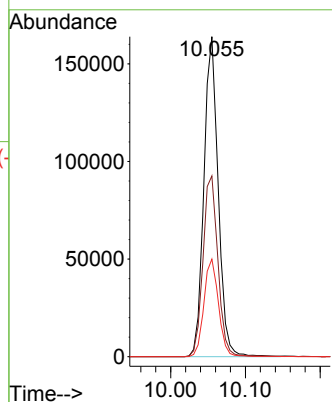
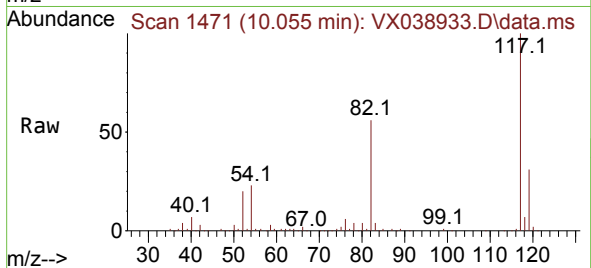




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

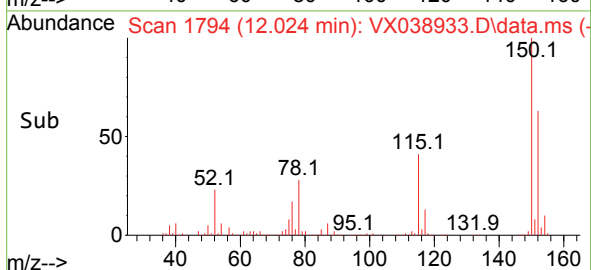
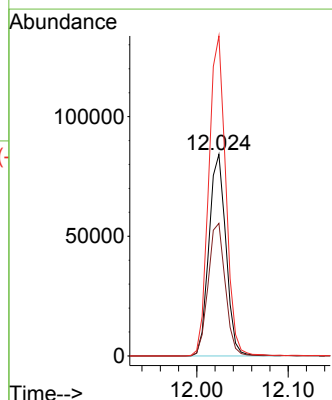
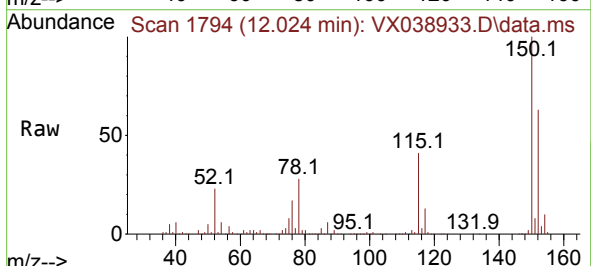
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MSVOA_X
ClientSampleId :
RE122D3-20231110

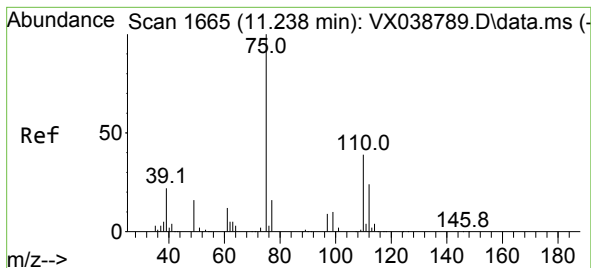
Tgt Ion:117 Resp: 217601
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038933.D
Acq: 18 Nov 2023 17:04

Tgt Ion:152 Resp: 108674
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.9
150 158.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.581 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038933.D

Acq: 18 Nov 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

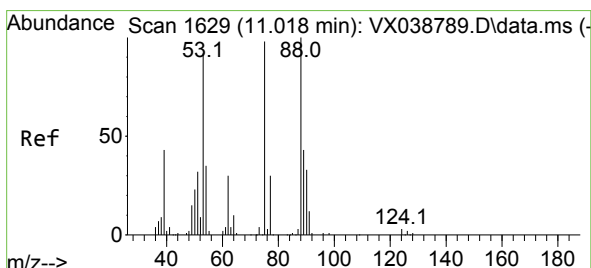
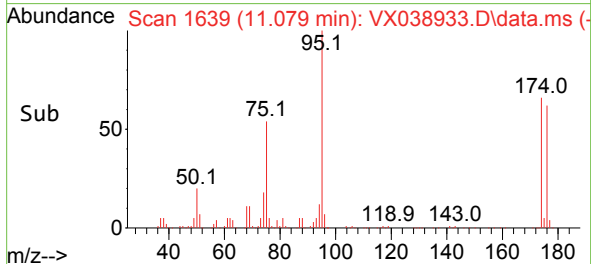
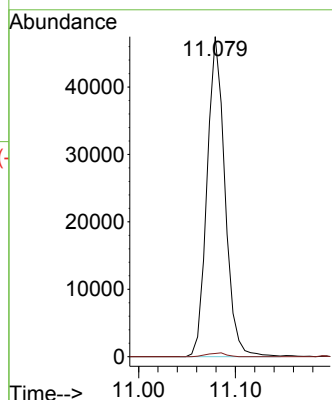
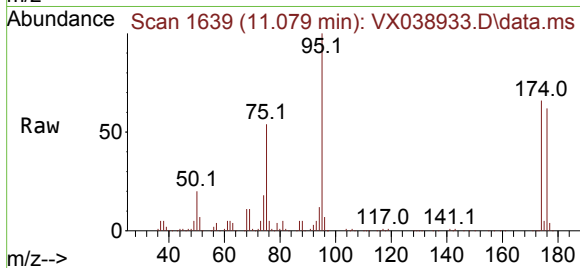
RE122D3-20231110

Tgt Ion: 75 Resp: 61225

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.086 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038933.D

Acq: 18 Nov 2023 17:04

Tgt Ion: 75 Resp: 61225

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

