

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032485.D
 Acq On : 31 Oct 2022 14:10
 Operator : JC/MD
 Sample : N5385-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-5

Quant Time: Nov 01 05:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

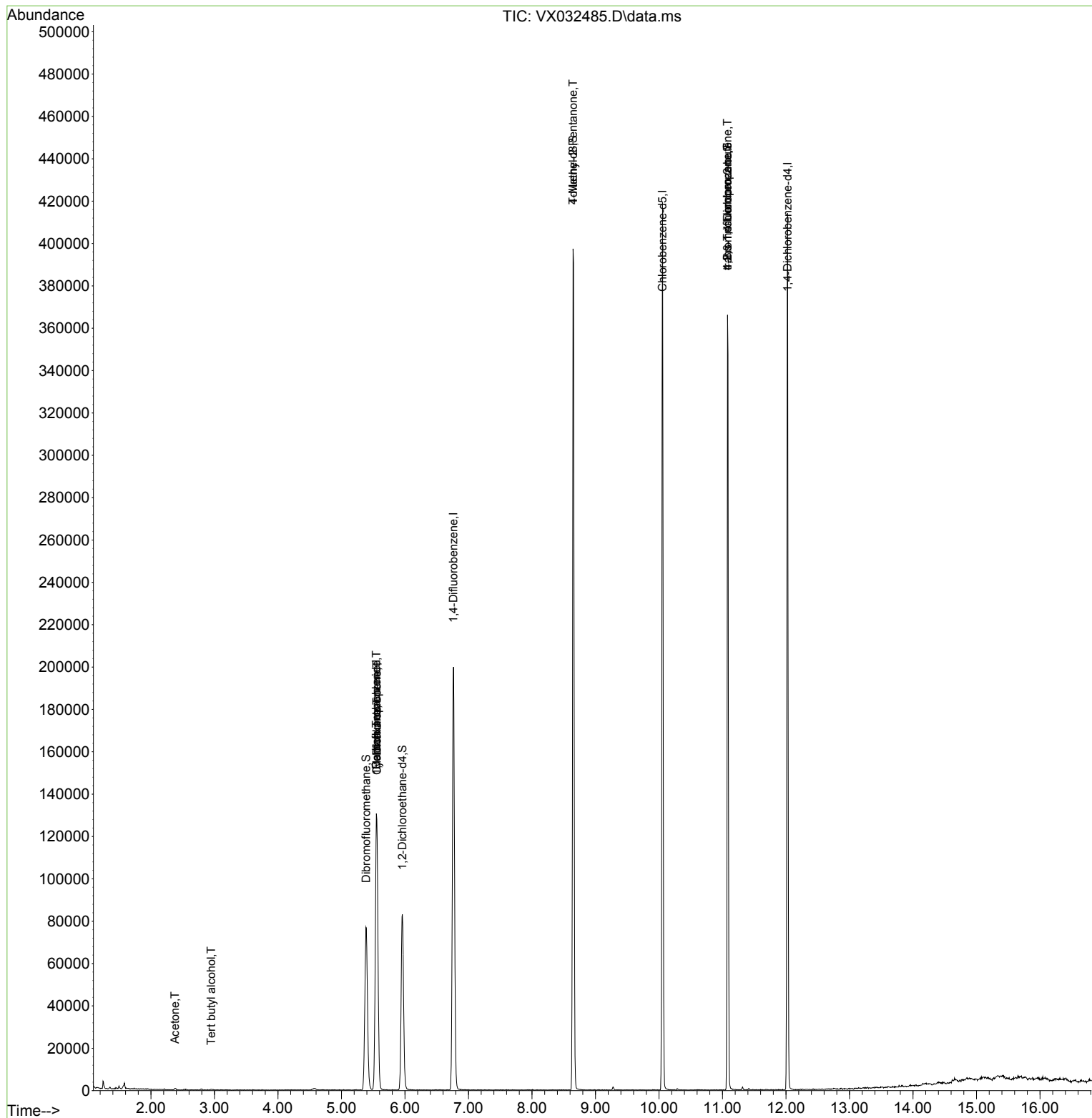
Internal Standards						
1) Pentafluorobenzene	5.550	168	124356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82488	47.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.385	113	66612	46.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	237769	47.499	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	90998	46.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	537	2.135	ug/l #	72
16) Acetone	2.380	43	858	1.366	ug/l	99
31) Cyclohexane	5.556	56	2736	1.306	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9609	4.793	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13057	5.872	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1103	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50529	27.422	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50529	87.258	ug/l #	6

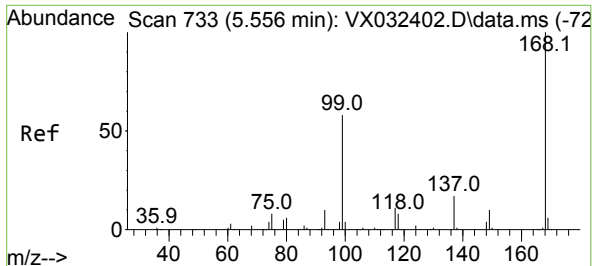
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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251563-5

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

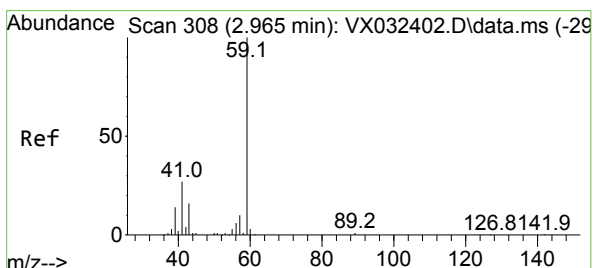
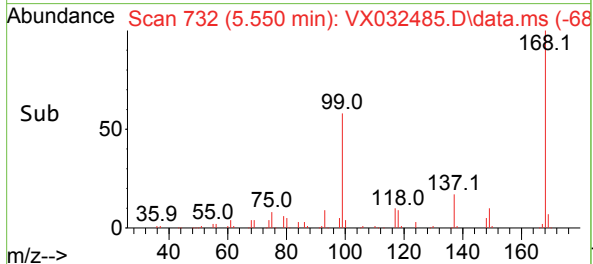
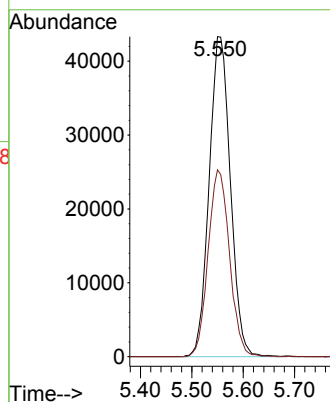
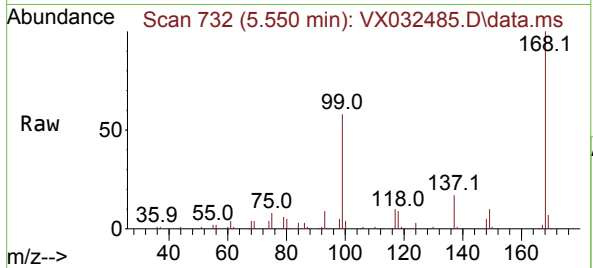




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

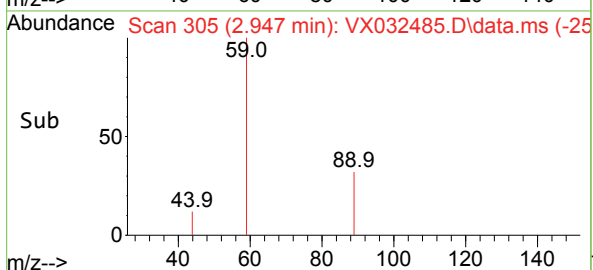
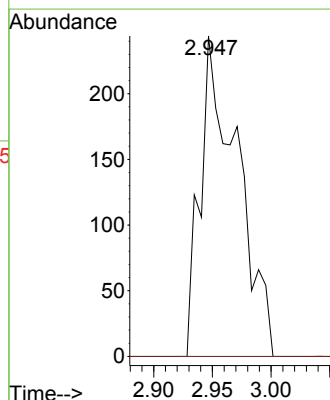
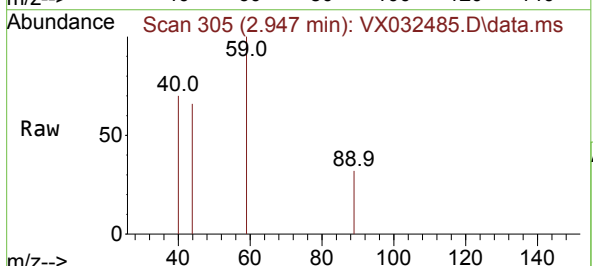
Instrument :
MSVOA_X
ClientSampleId :
251563-5

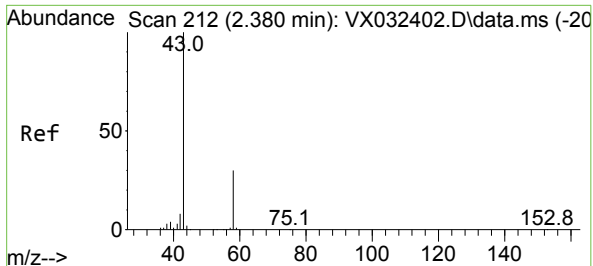
Tgt Ion:168 Resp: 124356
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.135 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

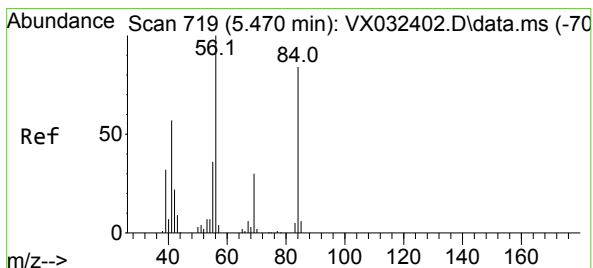
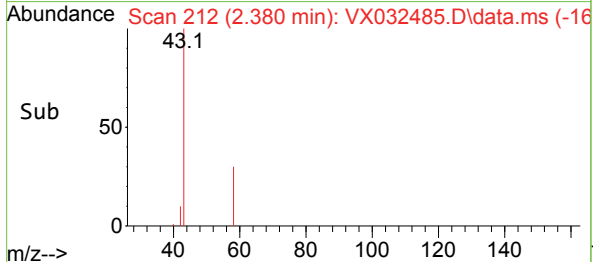
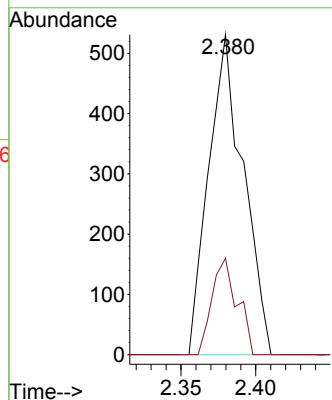
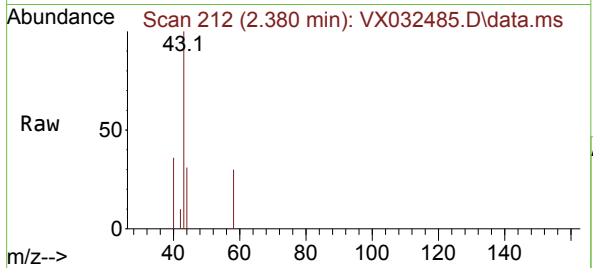




#16
Acetone
Concen: 1.366 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

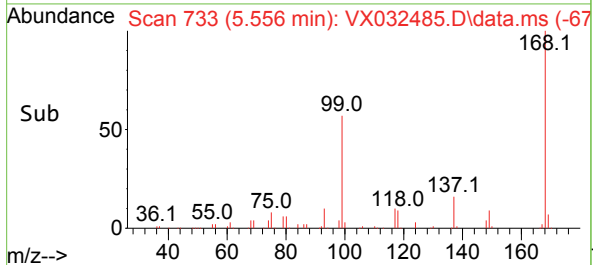
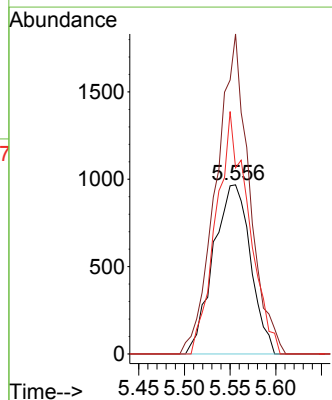
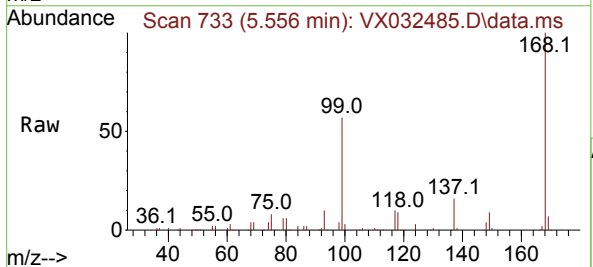
Instrument :
MSVOA_X
ClientSampleId :
251563-5

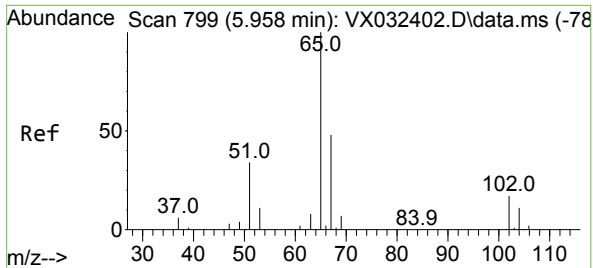
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 56 Resp: 2736
Ion Ratio Lower Upper
56 100
69 189.3 24.1 36.1#
84 110.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032485.D

Acq: 31 Oct 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

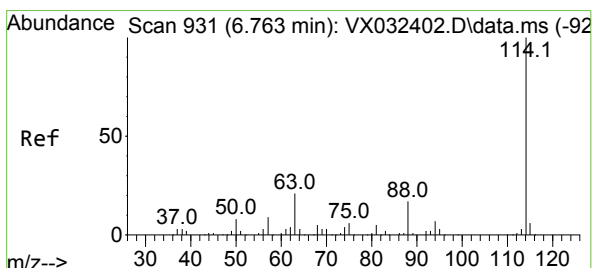
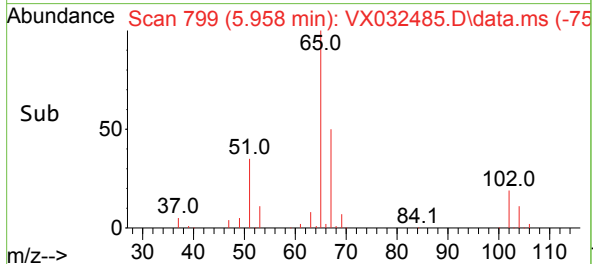
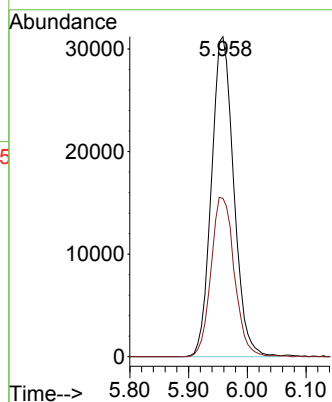
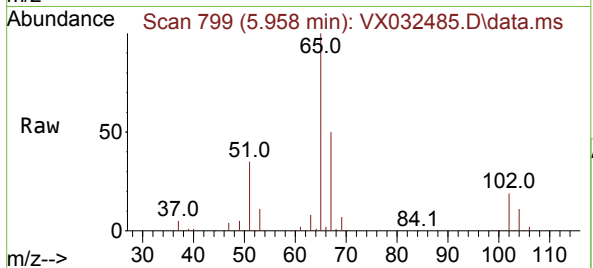
251563-5

Tgt Ion: 65 Resp: 82488

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032485.D

Acq: 31 Oct 2022 14:10

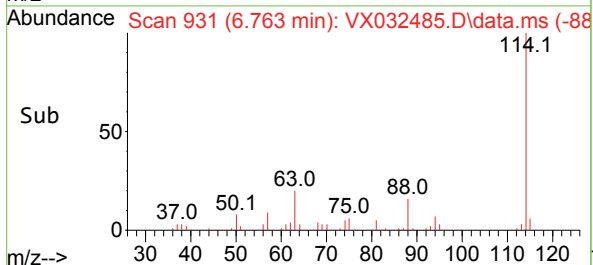
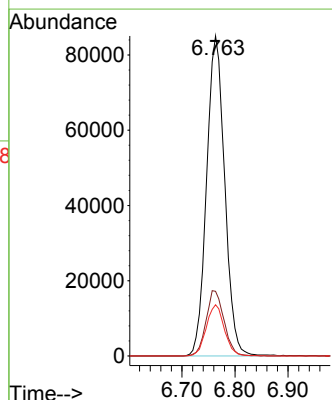
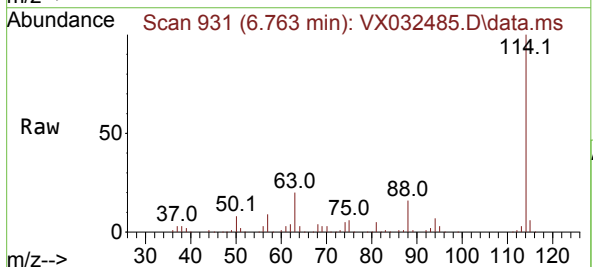
Tgt Ion: 114 Resp: 201820

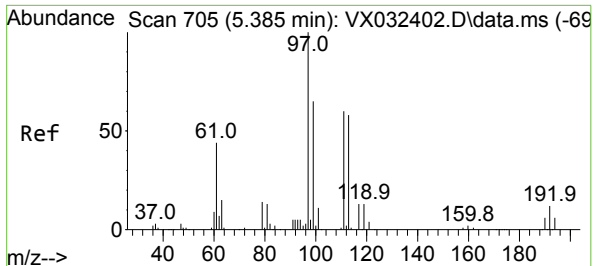
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 16.0 0.0 33.4

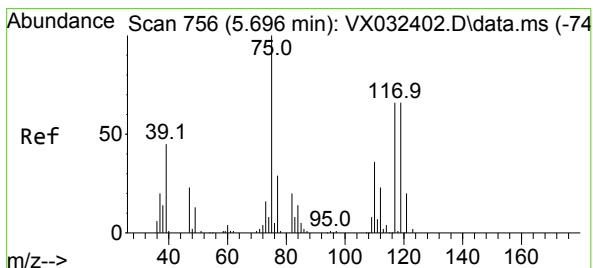
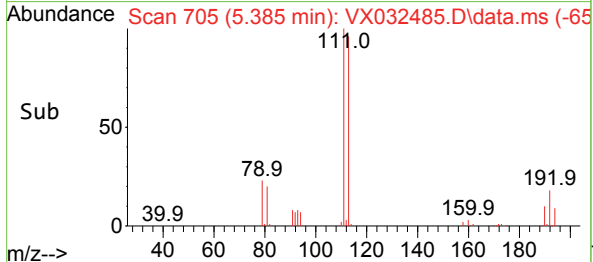
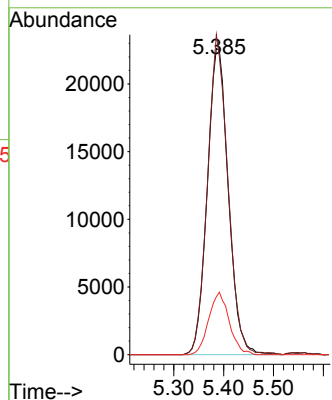
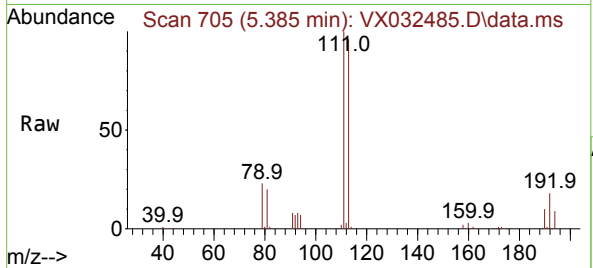




#35
 Dibromofluoromethane
 Concen: 46.271 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX032485.D
 Acq: 31 Oct 2022 14:10

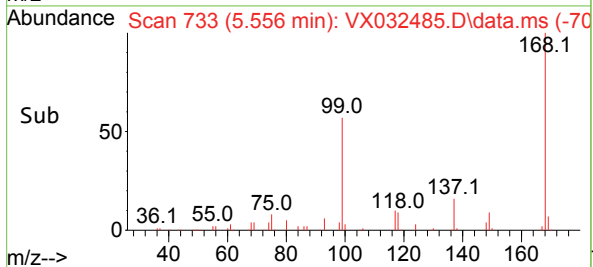
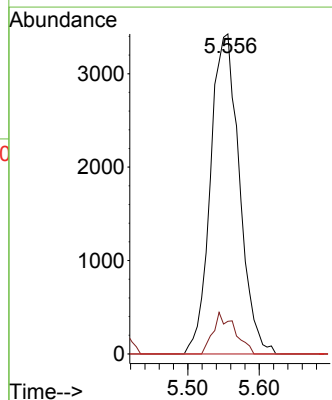
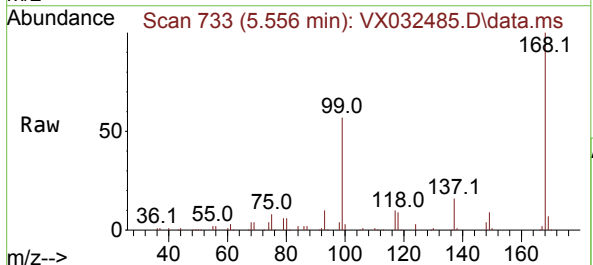
Instrument :
 MSVOA_X
 ClientSampleId :
 251563-5

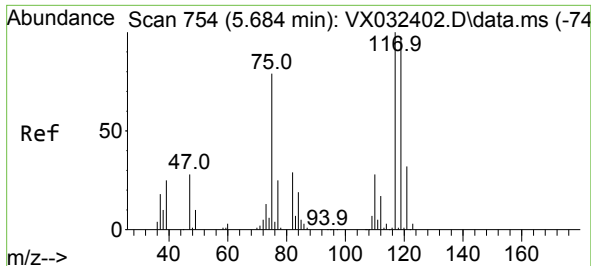
Tgt Ion:113 Resp: 66612
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 19.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX032485.D
 Acq: 31 Oct 2022 14:10

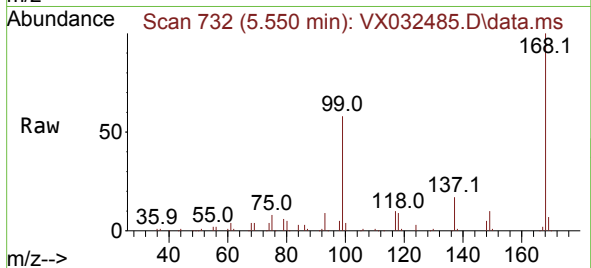
Tgt Ion: 75 Resp: 9609
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.4 55.2#
 77 0.0 24.5 36.7#



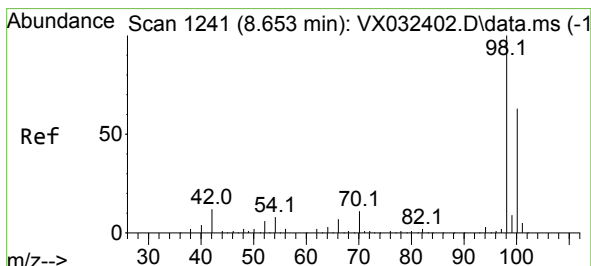
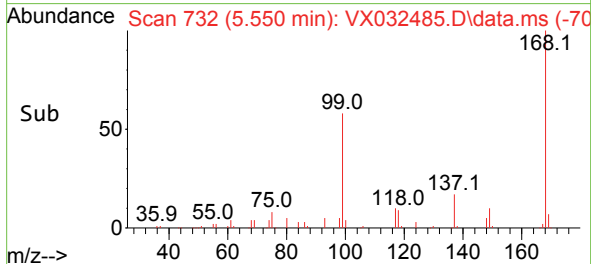
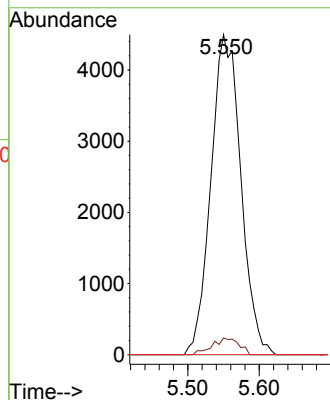


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
251563-5

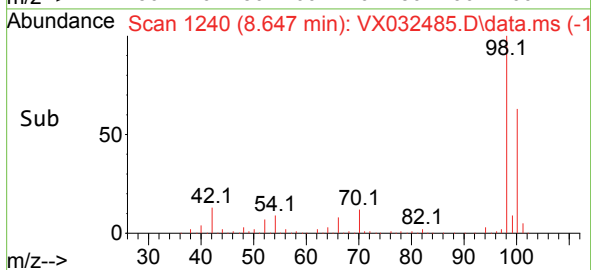
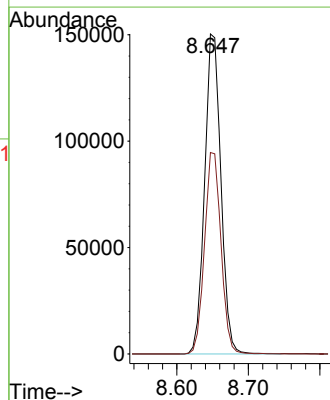
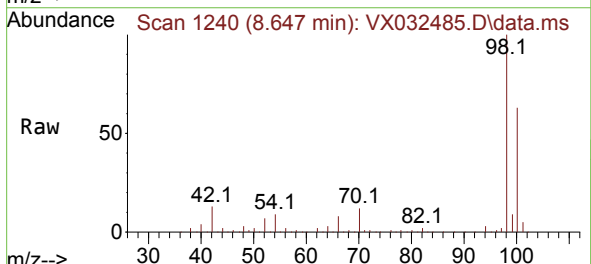


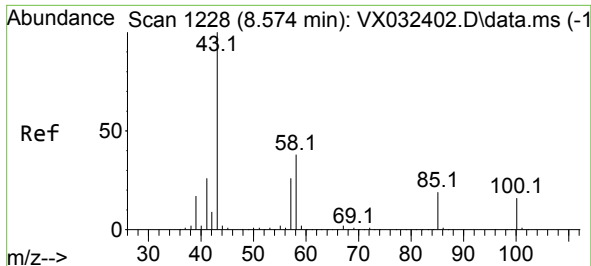
Tgt Ion:117 Resp: 13057
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.499 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 98 Resp: 237769
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.547 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032485.D

Acq: 31 Oct 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

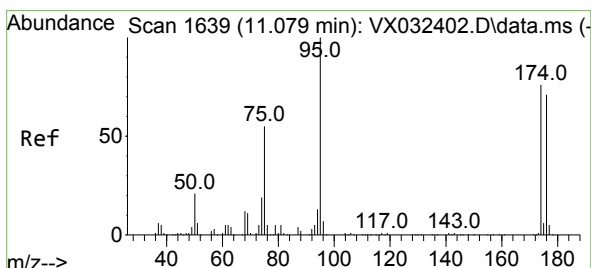
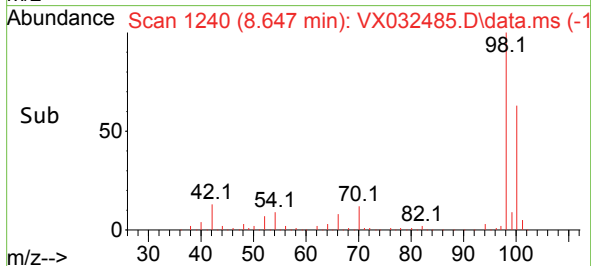
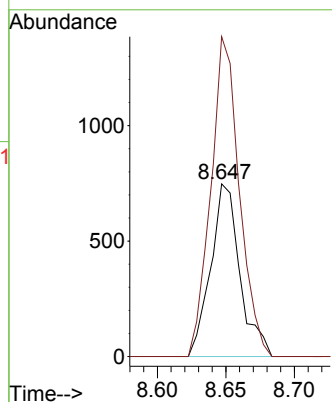
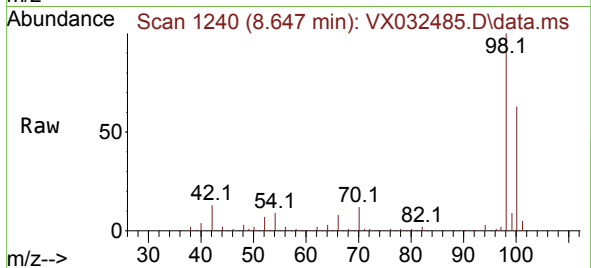
251563-5

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

58 181.8 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.537 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032485.D

Acq: 31 Oct 2022 14:10

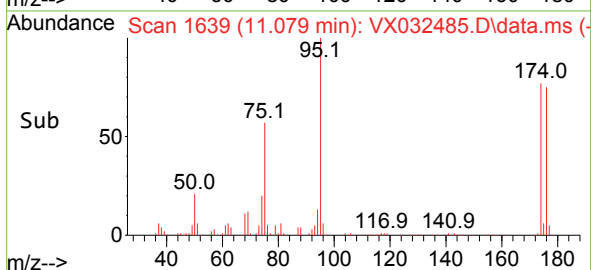
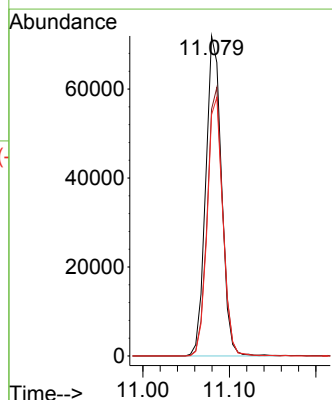
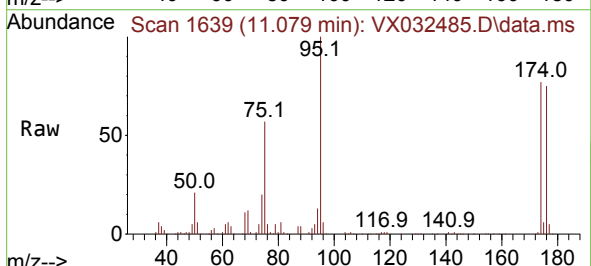
Tgt Ion: 95 Resp: 90998

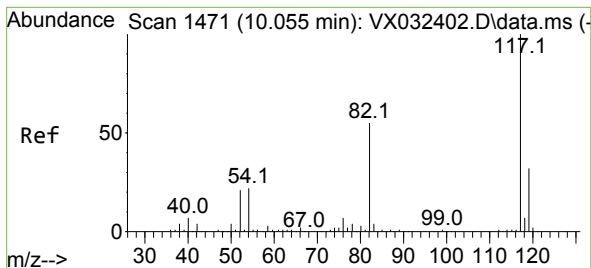
Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.0

176 80.0 0.0 154.4

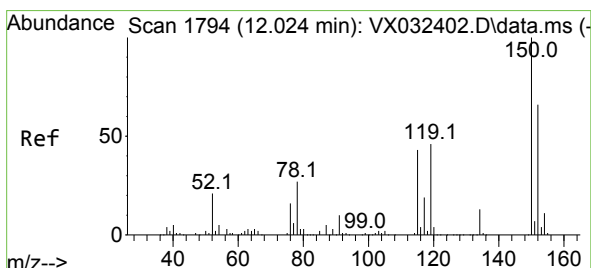
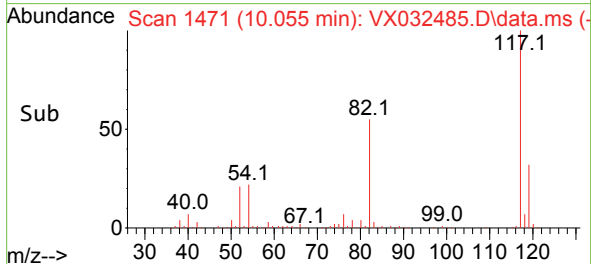
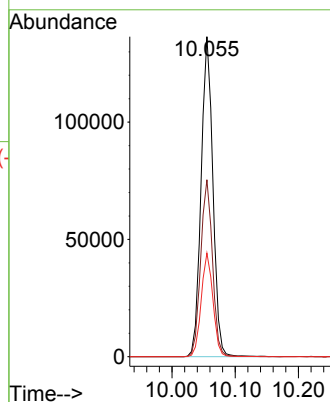
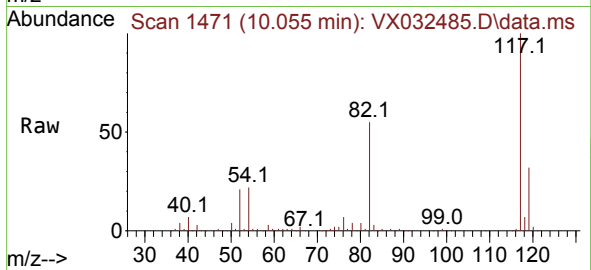




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

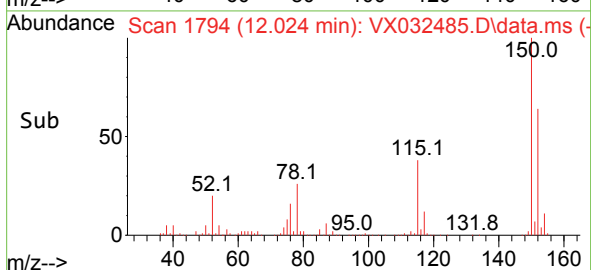
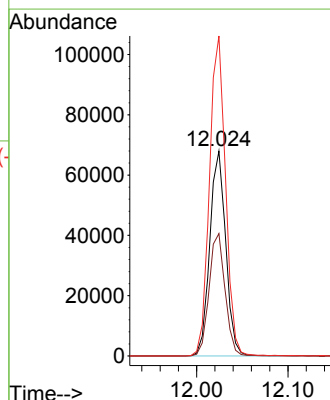
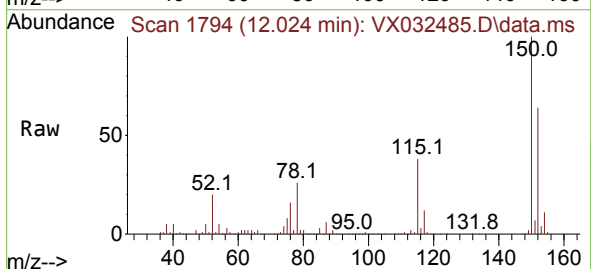
Instrument :
MSVOA_X
ClientSampleId :
251563-5

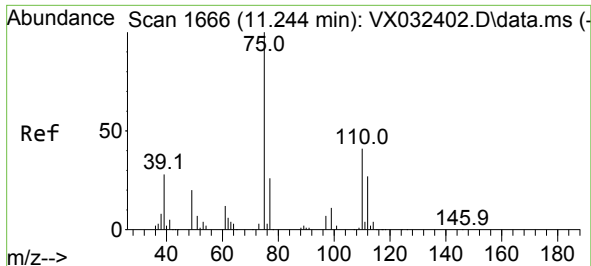
Tgt Ion:117 Resp: 177143
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion:152 Resp: 82824
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 156.8 0.0 351.8

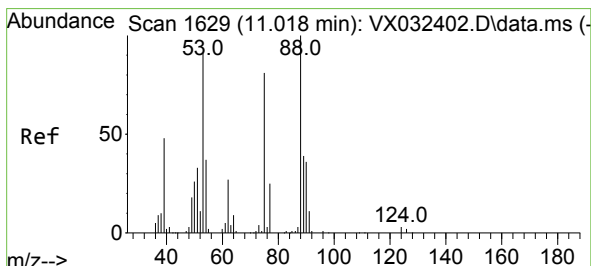
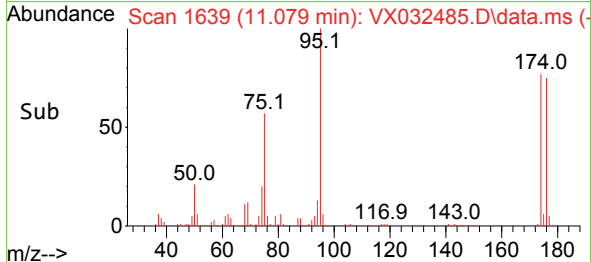
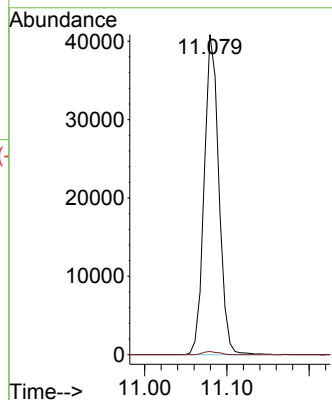
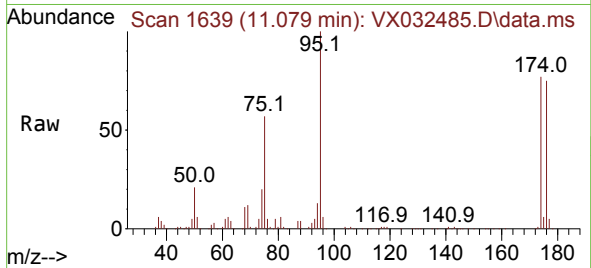




#76
1,2,3-Trichloropropane
Concen: 27.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
251563-5

Tgt Ion: 75 Resp: 50529
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032485.D
Acq: 31 Oct 2022 14:10

Tgt Ion: 75 Resp: 50529
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

