

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033185.D
 Acq On : 02 Dec 2022 15:02
 Operator : JC/MD
 Sample : N5852-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-12012022

Quant Time: Dec 03 04:33:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

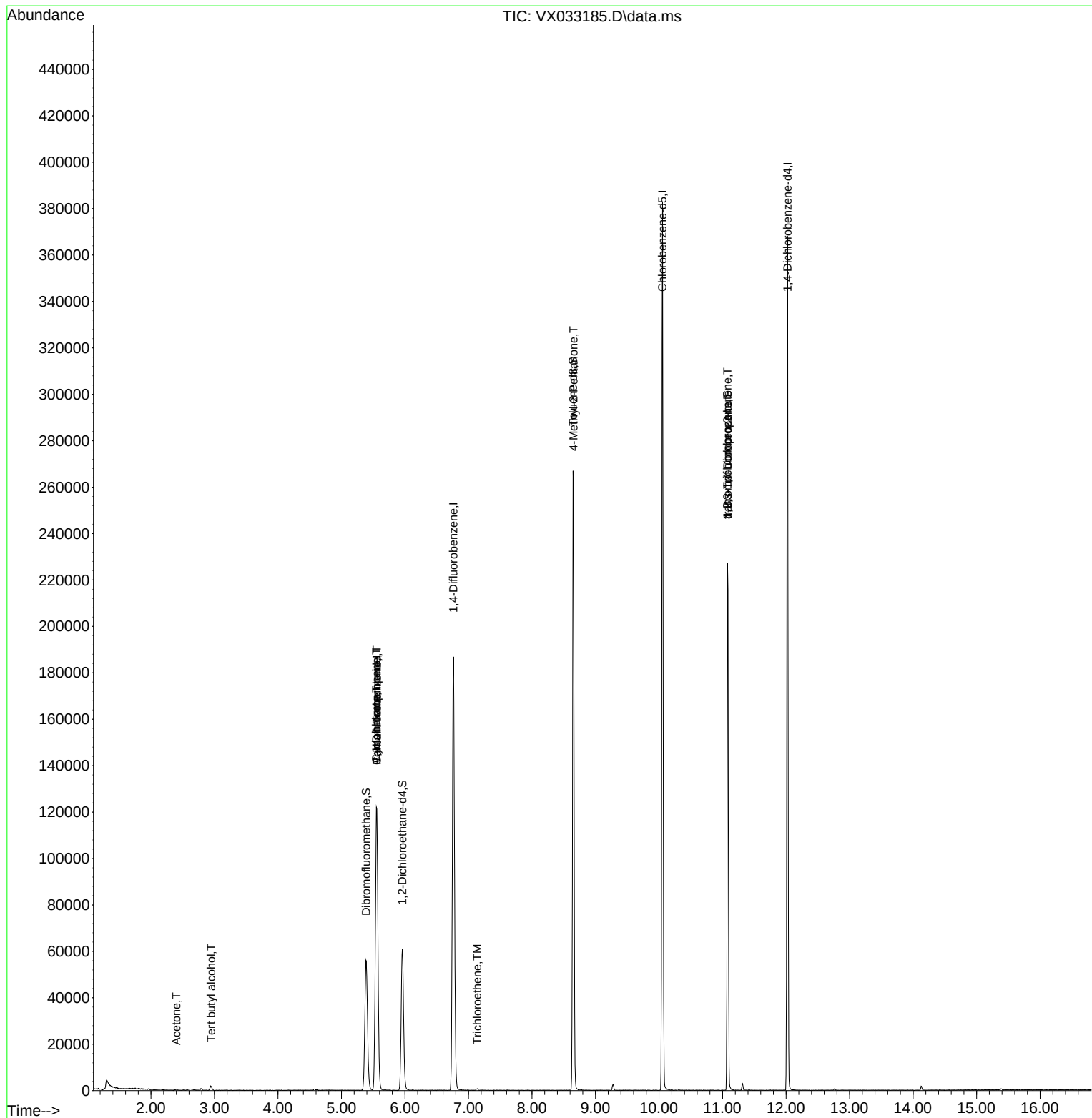
Internal Standards						
1) Pentafluorobenzene	5.556	168	114969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61576	55.133	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.260%
35) Dibromofluoromethane	5.385	113	49067	45.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	160818	49.685	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	59371	42.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1090	6.141	ug/l #	72
16) Acetone	2.398	43	609	1.165	ug/l #	45
20) Methylene Chloride	2.800	84	381	Below Cal	#	63
31) Cyclohexane	5.550	56	2555	1.408	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	9167	5.331	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11975	6.277	ug/l #	16
44) Trichloroethene	7.135	130	338	0.250	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	662	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32511	22.510	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32511	73.167	ug/l #	6

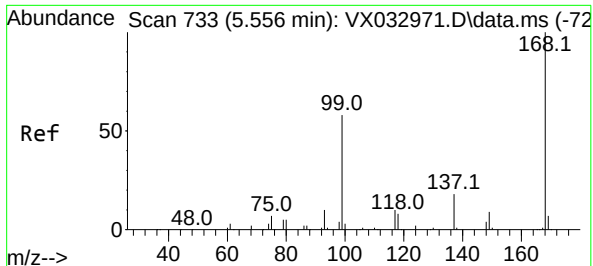
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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TB03-12012022

Quant Time: Dec 03 04:33:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

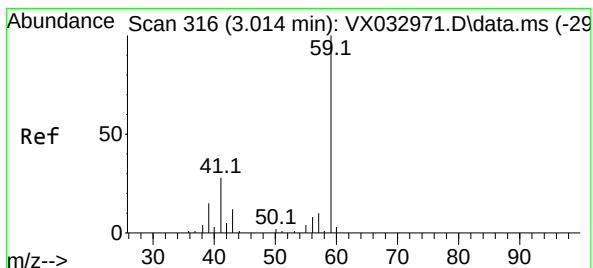
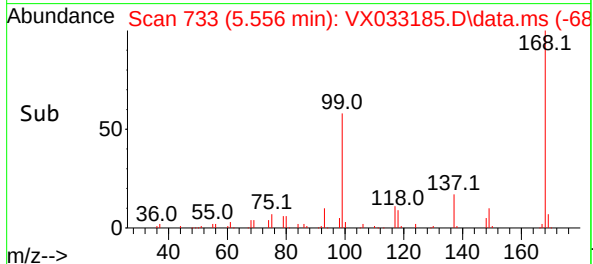
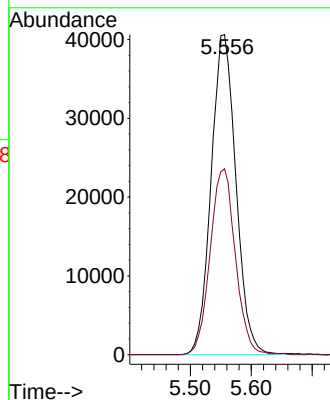
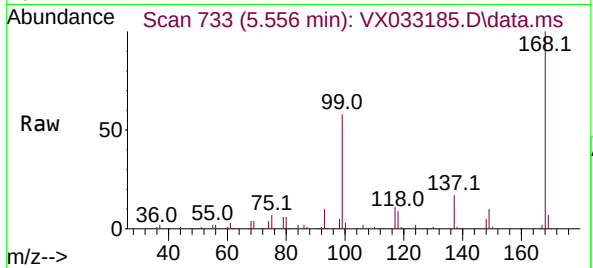




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

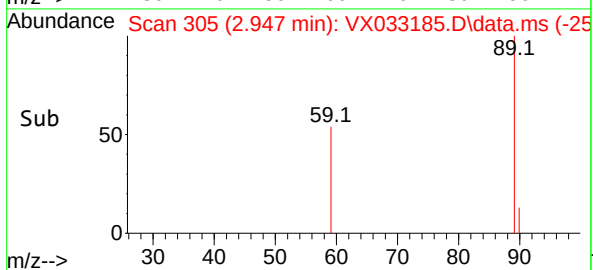
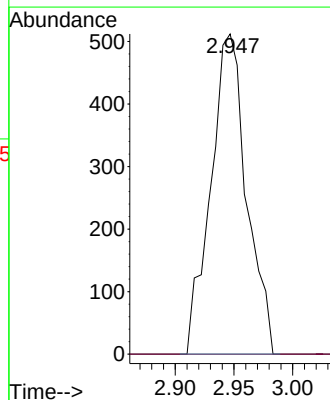
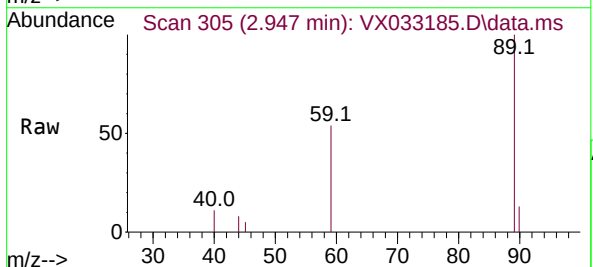
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

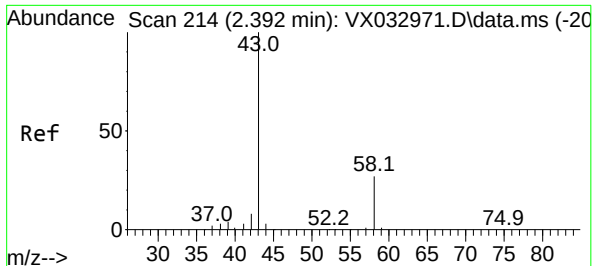
Tgt Ion:168 Resp: 114969
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.141 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion: 59 Resp: 1090
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.165 ug/l

RT: 2.398 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX033185.D

Acq: 02 Dec 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

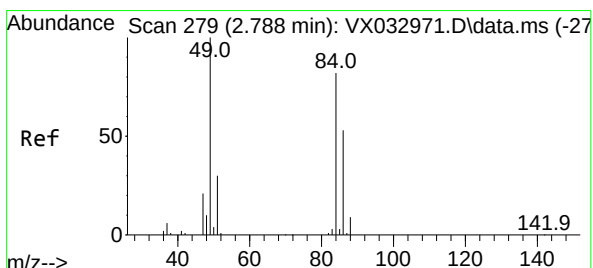
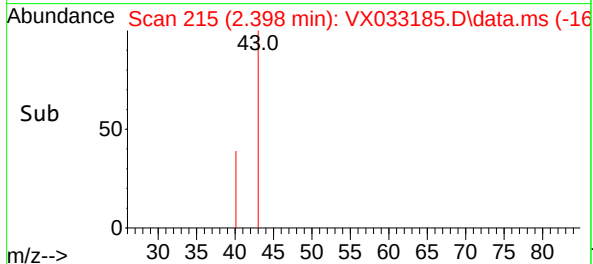
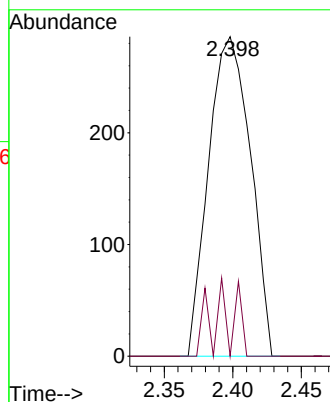
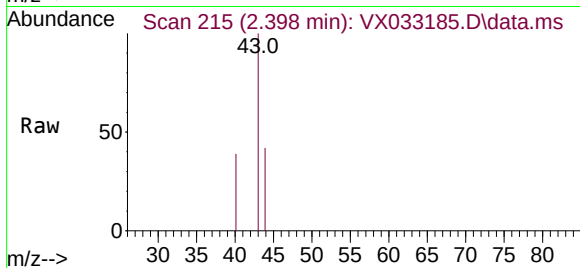
TB03-12012022

Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX033185.D

Acq: 02 Dec 2022 15:02

Tgt Ion: 84 Resp: 381

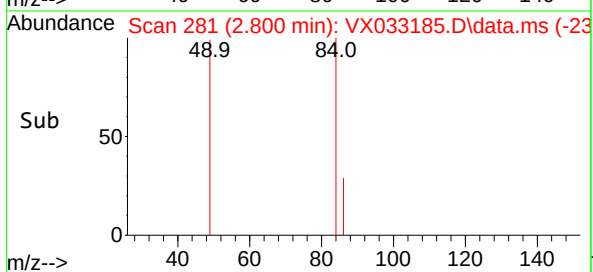
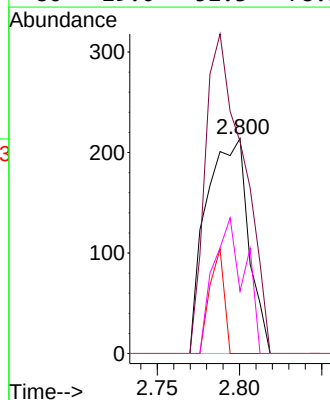
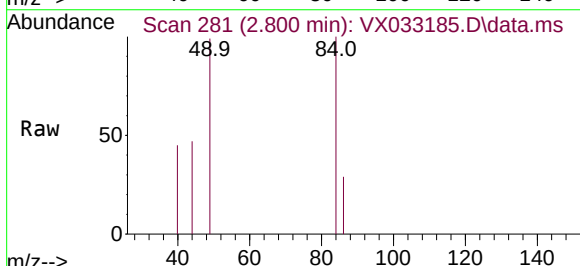
Ion Ratio Lower Upper

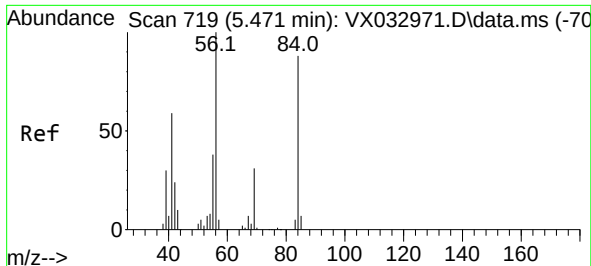
84 100

49 98.6 101.0 151.6#

51 0.0 31.1 46.7#

86 29.0 52.3 78.5#

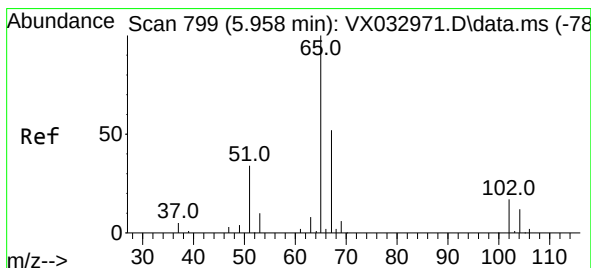
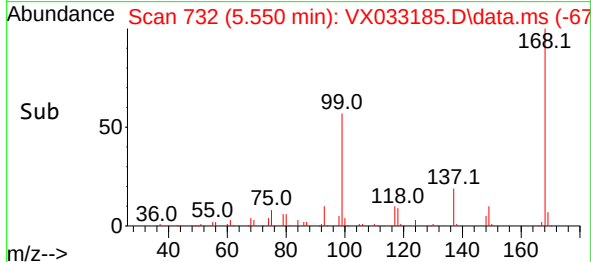
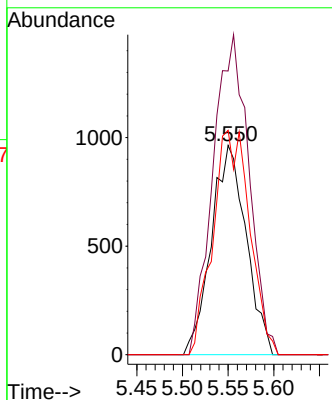
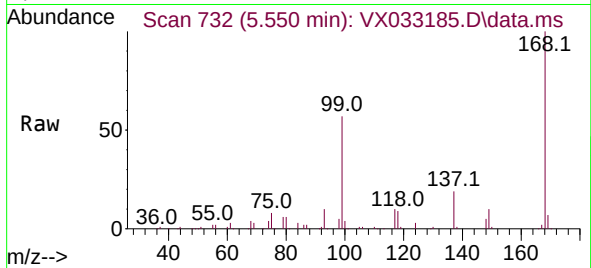




#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

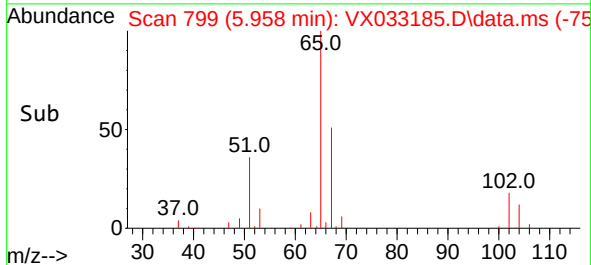
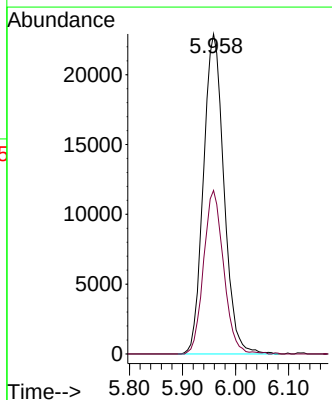
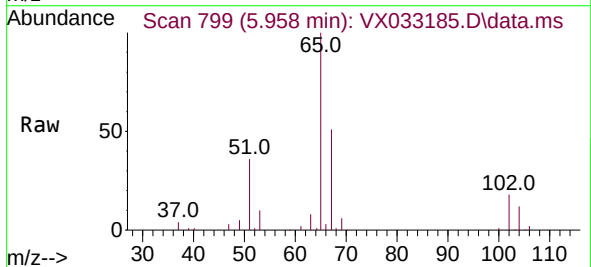
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

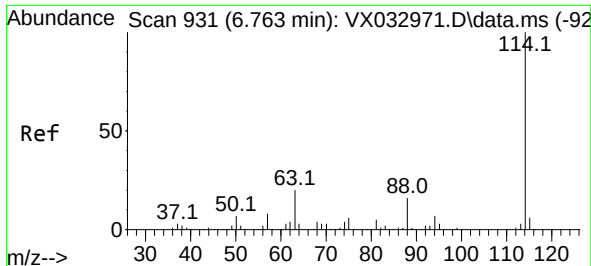
Tgt Ion: 56 Resp: 2555
Ion Ratio Lower Upper
56 100
69 135.6 24.1 36.1#
84 107.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.133 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion: 65 Resp: 61576
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

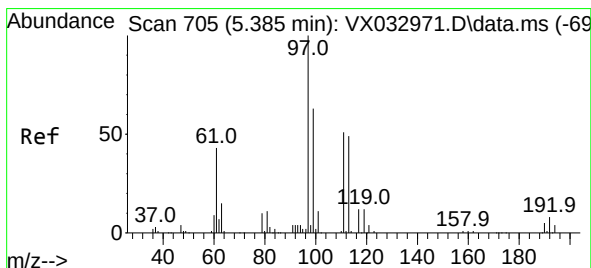
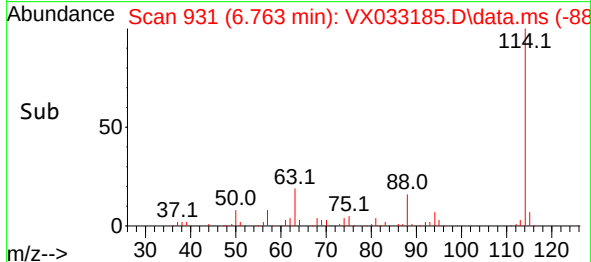
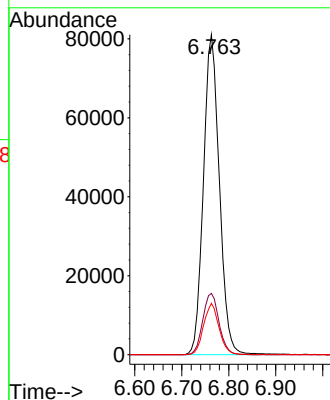
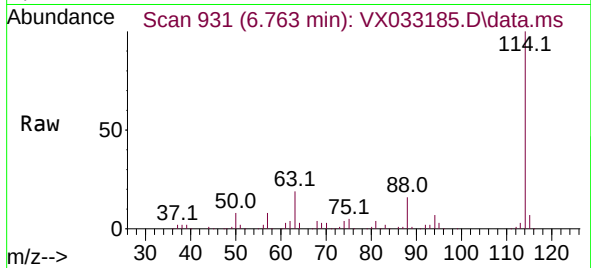




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

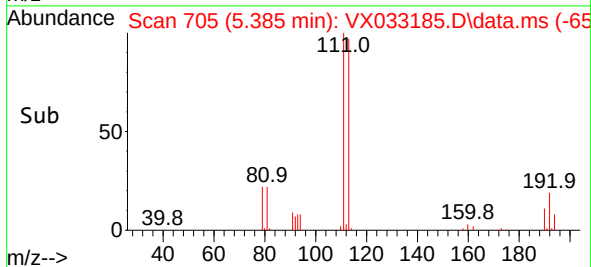
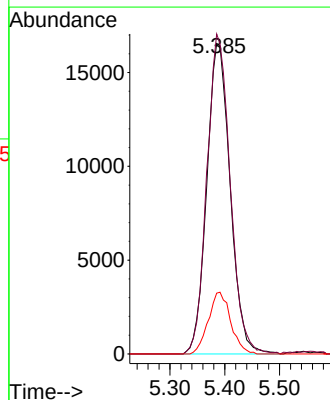
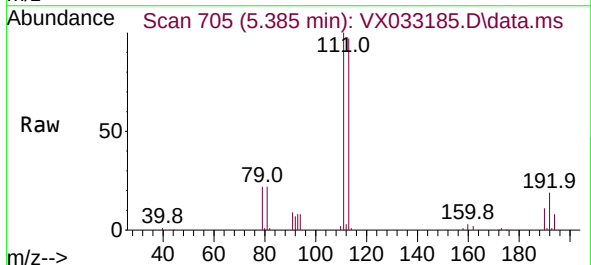
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

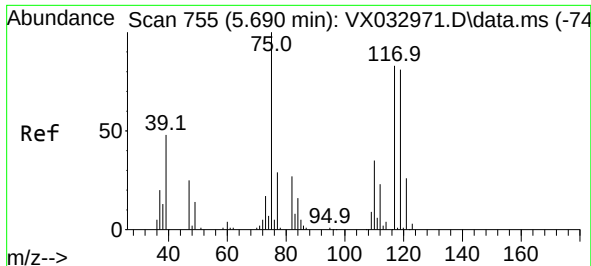
Tgt Ion:114 Resp: 190764
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion:113 Resp: 49067
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.0 15.4 23.2

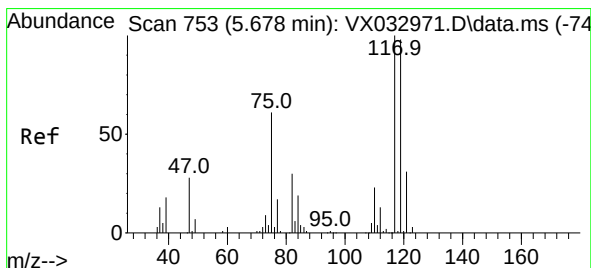
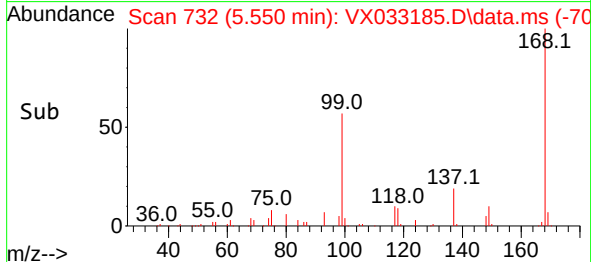
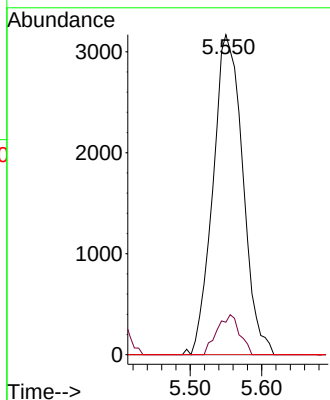
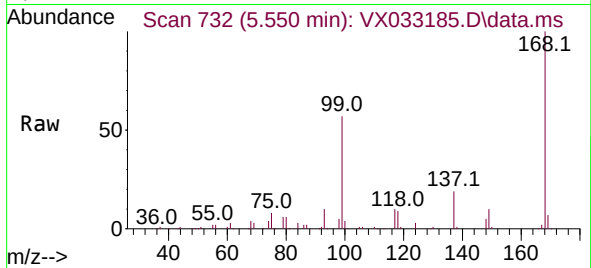




#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

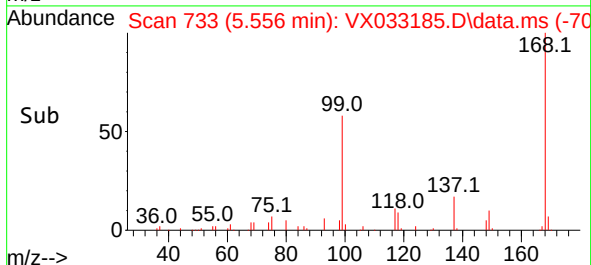
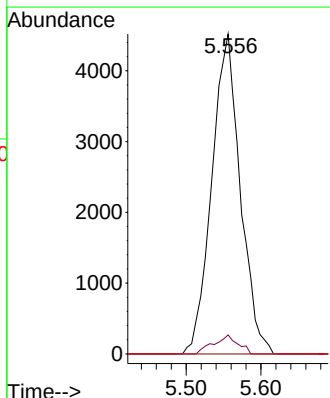
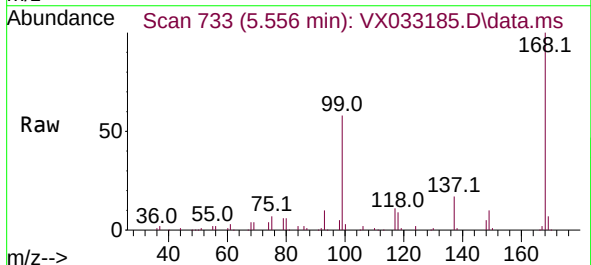
Instrument :
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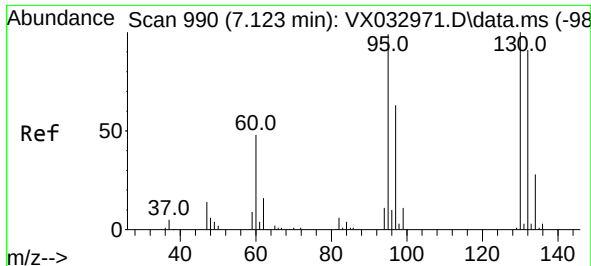
Tgt Ion: 75 Resp: 9167
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion: 117 Resp: 11975
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#

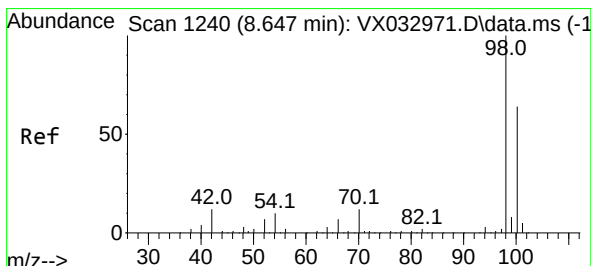
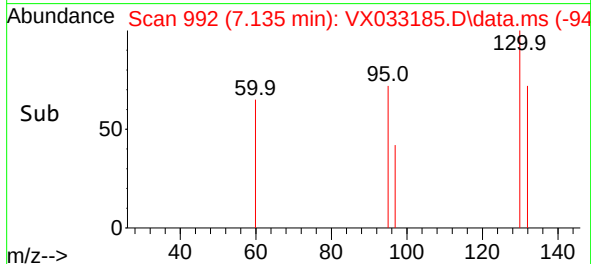
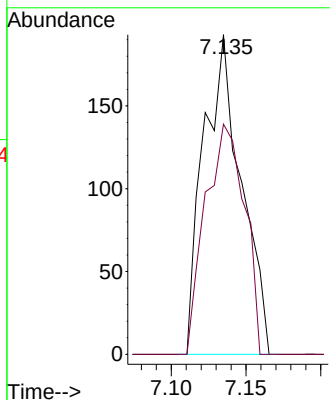
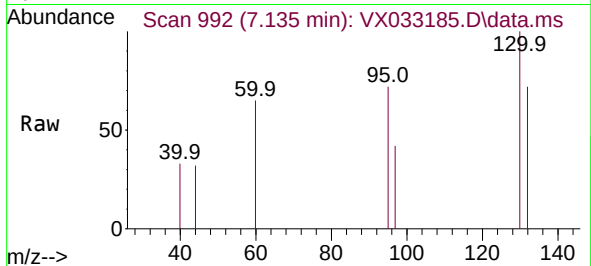




#44
 Trichloroethene
 Concen: 0.250 ug/l
 RT: 7.135 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX033185.D
 Acq: 02 Dec 2022 15:02

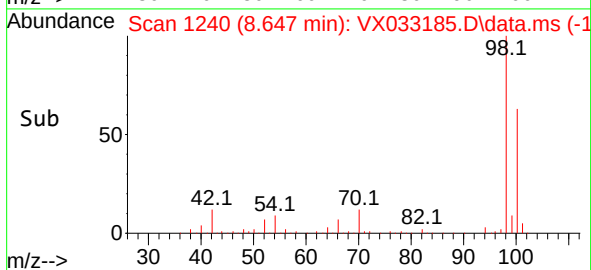
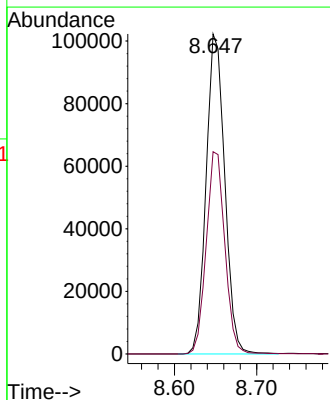
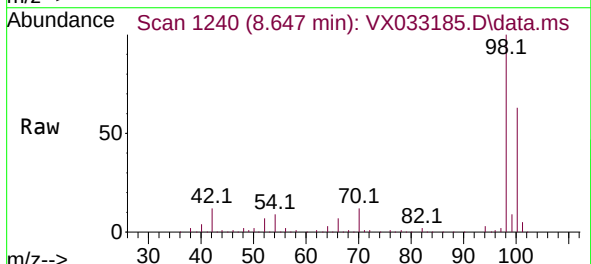
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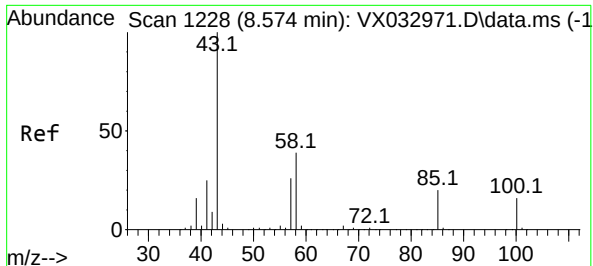
Tgt Ion:130 Resp: 338
 Ion Ratio Lower Upper
 130 100
 95 72.0 0.0 195.2



#50
 Toluene-d8
 Concen: 49.685 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033185.D
 Acq: 02 Dec 2022 15:02

Tgt Ion: 98 Resp: 160818
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3

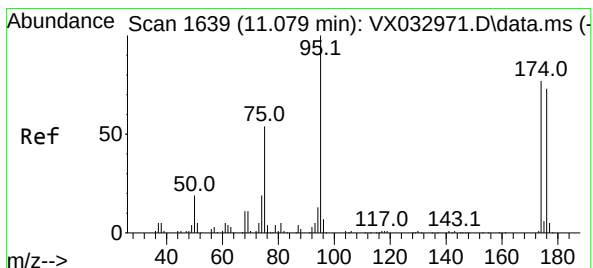
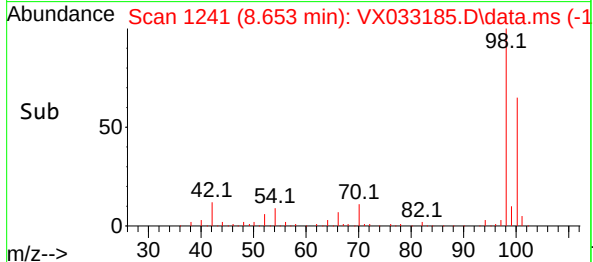
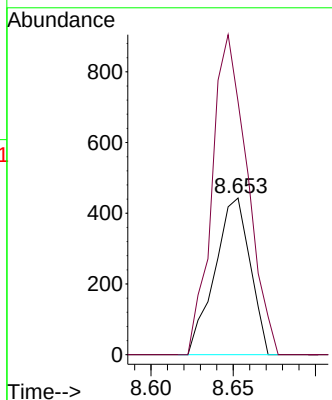
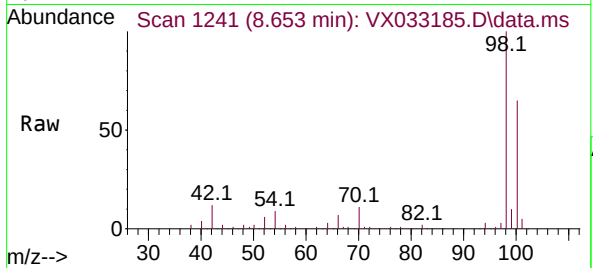




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

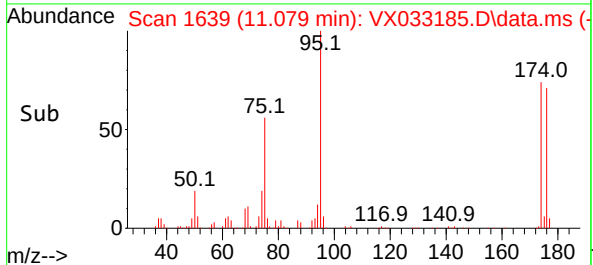
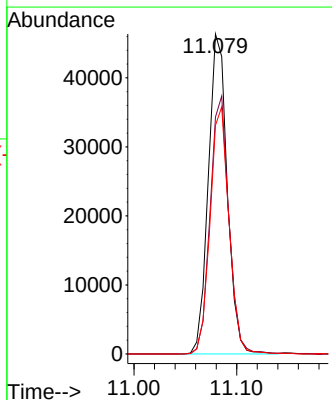
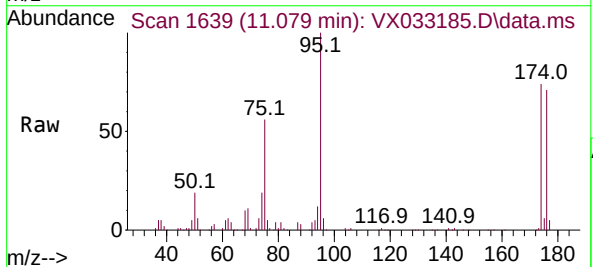
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

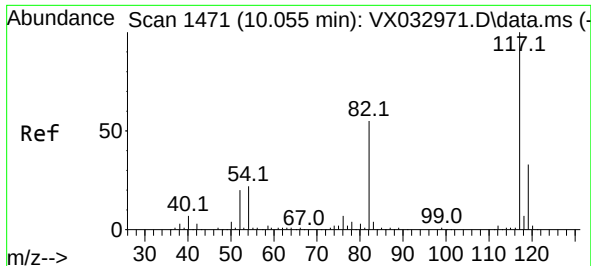
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 203.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion: 95 Resp: 59371
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.0
176 77.3 0.0 154.4

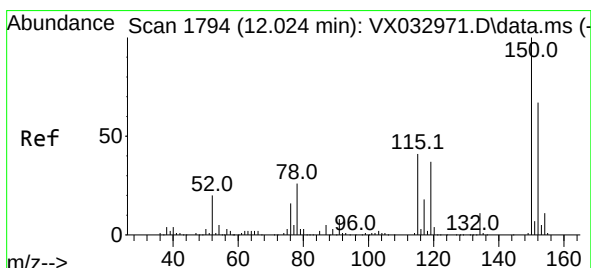
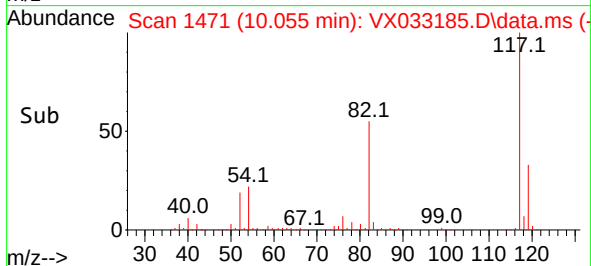
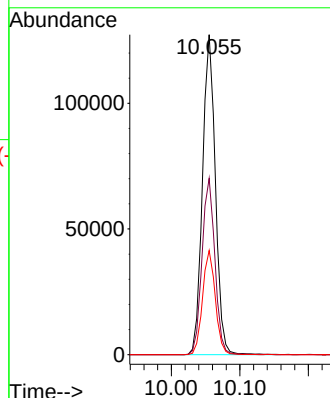
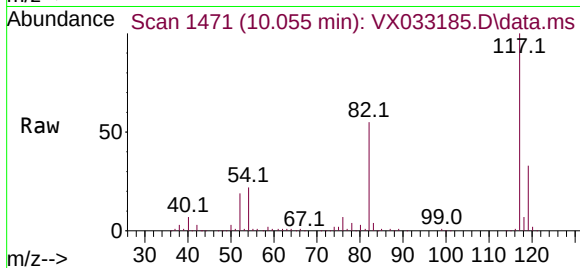




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

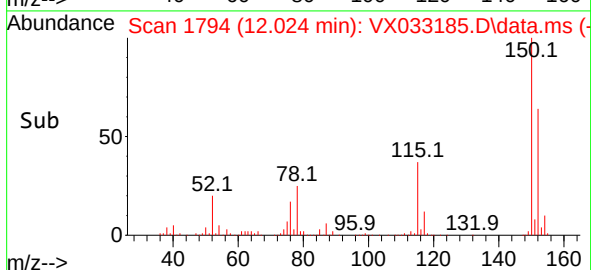
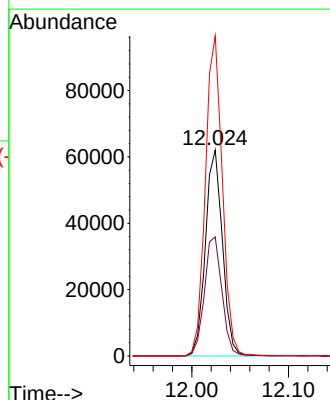
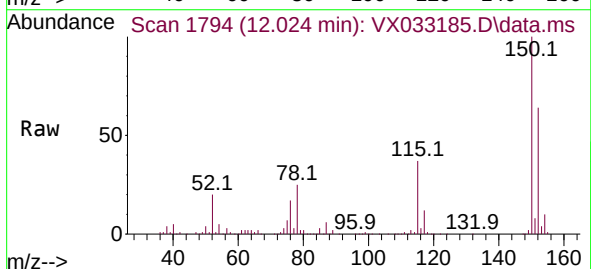
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

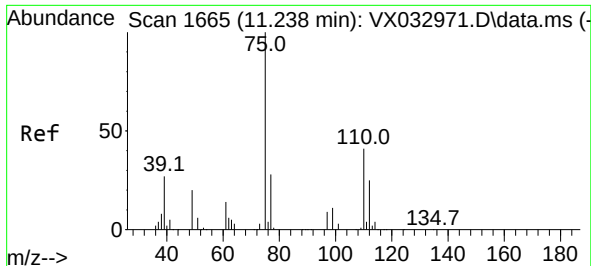
Tgt Ion:117 Resp: 167049
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion:152 Resp: 76263
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 154.9 0.0 351.8

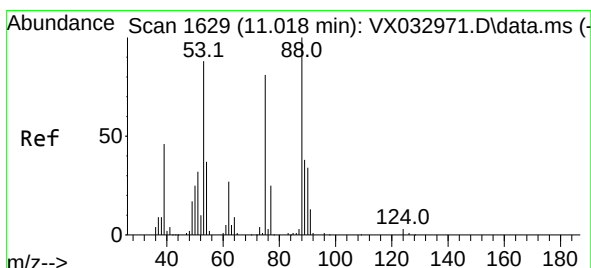
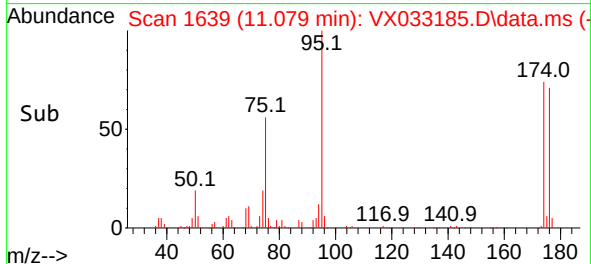
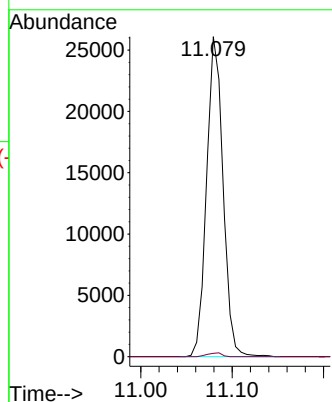
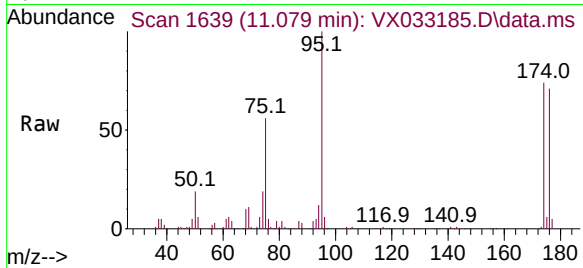




#76
1,2,3-Trichloropropane
Concen: 22.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

Tgt Ion: 75 Resp: 32511
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033185.D
Acq: 02 Dec 2022 15:02

Tgt Ion: 75 Resp: 32511
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

