

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042087.D
 Acq On : 28 Jun 2024 15:52
 Operator : JC/MD
 Sample : P3128-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-EB-20240626

Quant Time: Jun 29 04:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

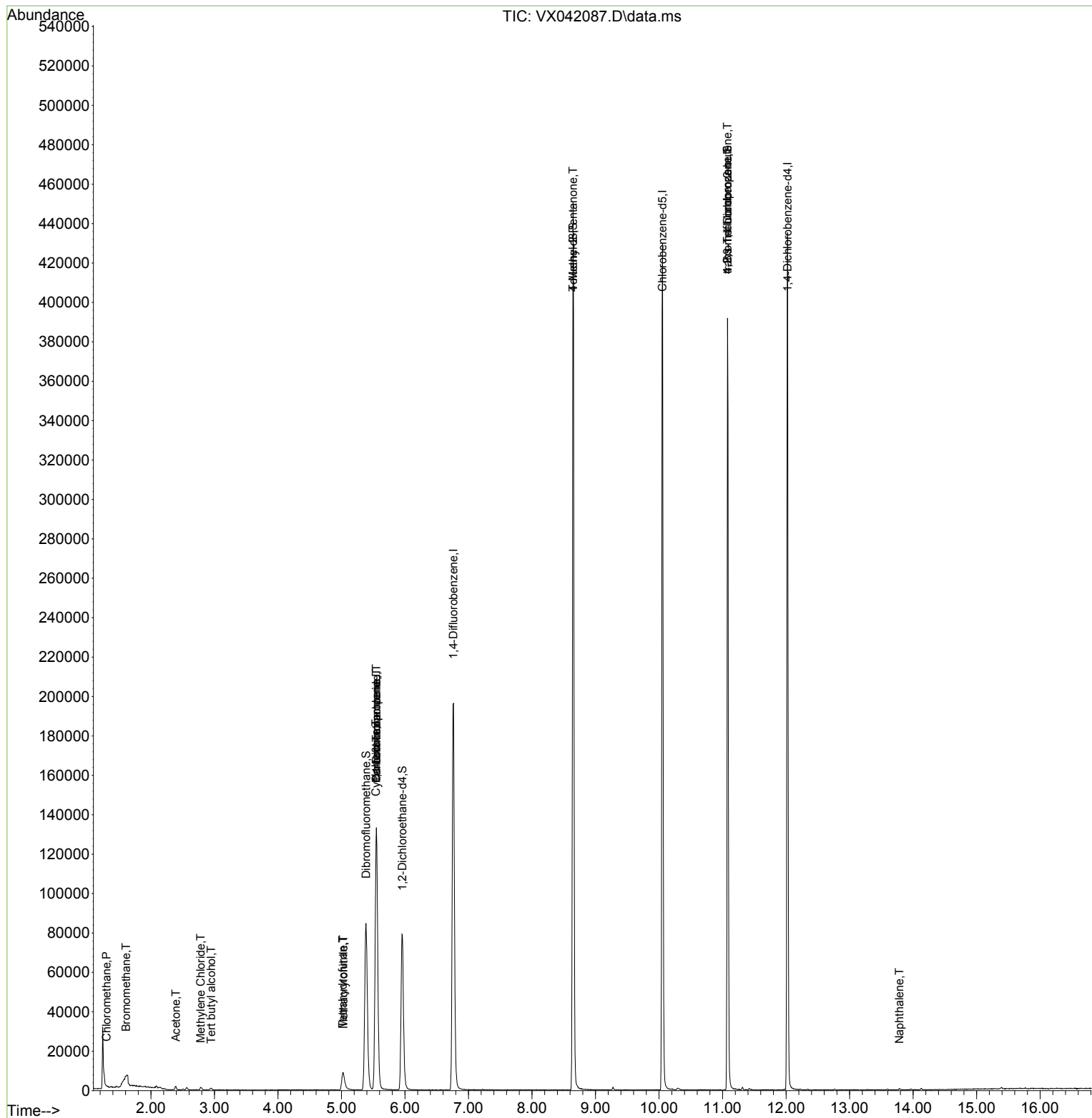
Internal Standards						
1) Pentafluorobenzene	5.550	168	149424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76256	44.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	76711	47.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	278105	49.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	102448	49.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	444	0.311	ug/l	# 82
5) Bromomethane	1.605	94	300	0.424	ug/l	# 73
6) Chloroethane	1.666	64	671	Below Cal		# 43
11) Tert butyl alcohol	2.946	59	598	1.829	ug/l	# 78
16) Acetone	2.392	43	1911	2.526	ug/l	# 83
20) Methylene Chloride	2.782	84	773	0.467	ug/l	# 95
29) Tetrahydrofuran	5.019	42	9606	12.636	ug/l	# 94
31) Cyclohexane	5.544	56	1951	0.968	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8313	4.880	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12266	6.518	ug/l	# 14
41) Methacrylonitrile	5.031	41	5285	4.394	ug/l	# 45
51) 4-Methyl-2-Pentanone	8.647	43	991	0.422	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46140	24.007	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46140	68.178	ug/l	# 5
95) Naphthalene	13.786	128	1039	0.883	ug/l	# 69

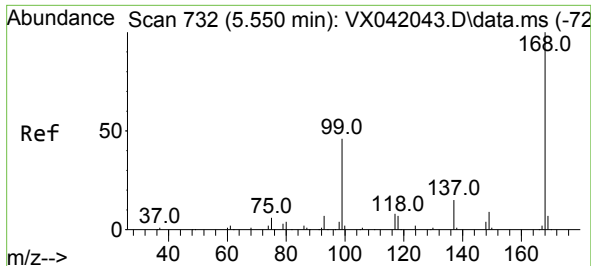
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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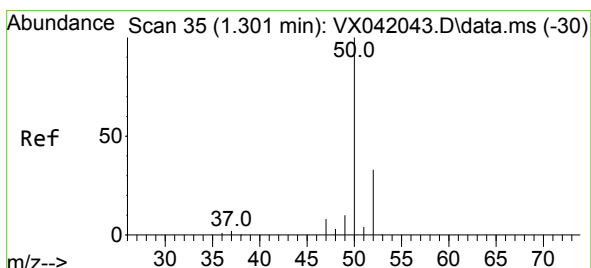
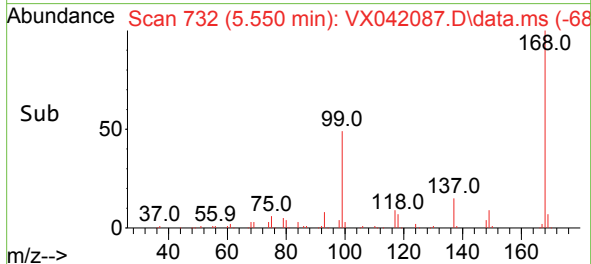
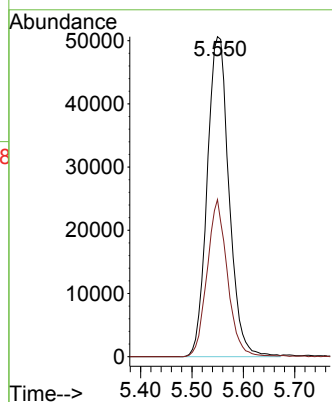
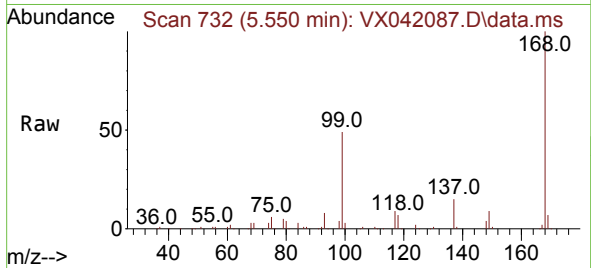




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

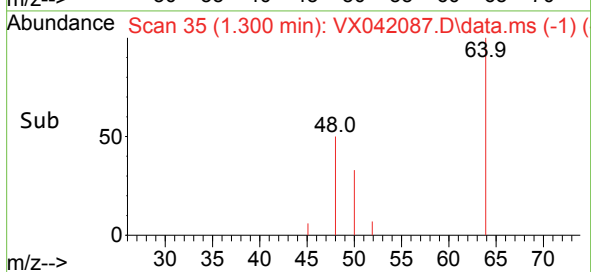
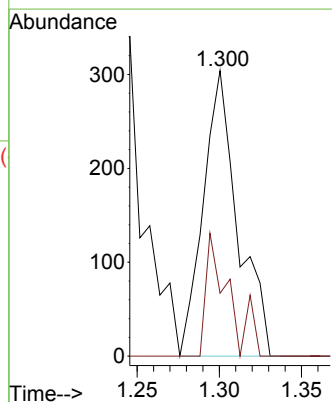
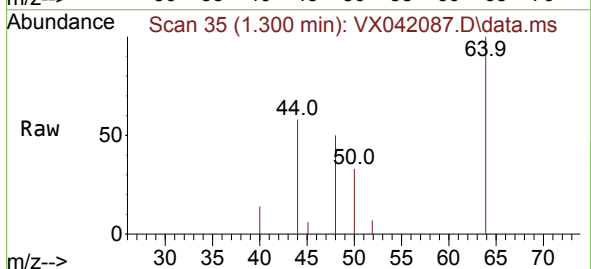
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

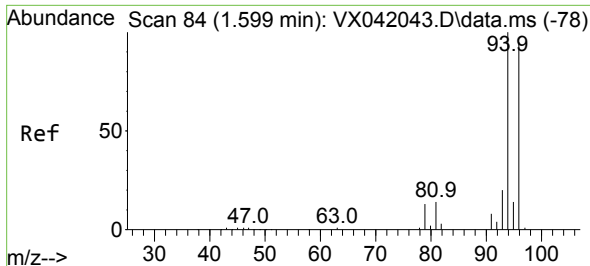
Tgt Ion:168 Resp: 149424
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#3
Chloromethane
Concen: 0.311 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 22.0 25.5 38.3#

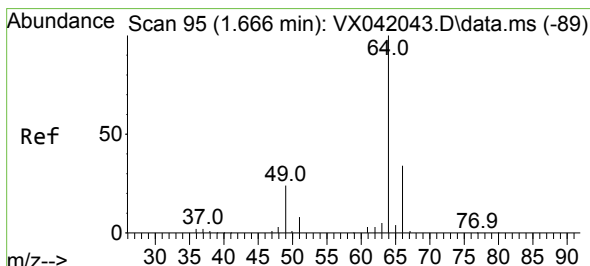
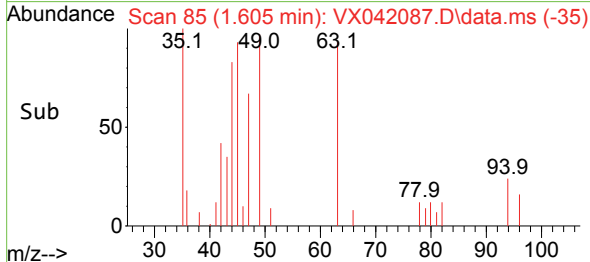
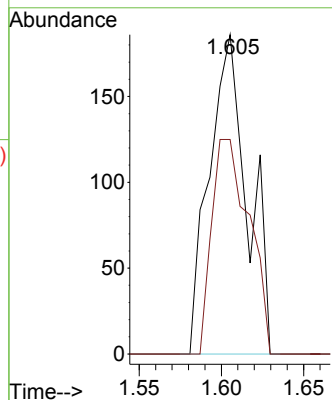
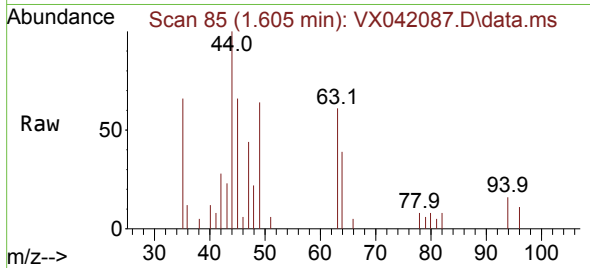




#5
Bromomethane
Concen: 0.424 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

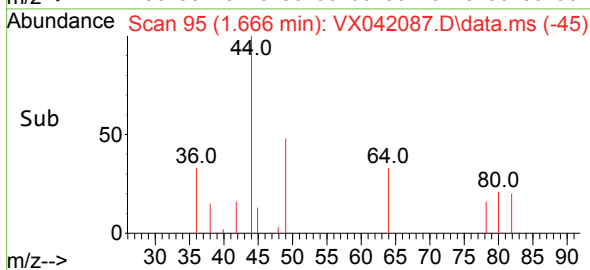
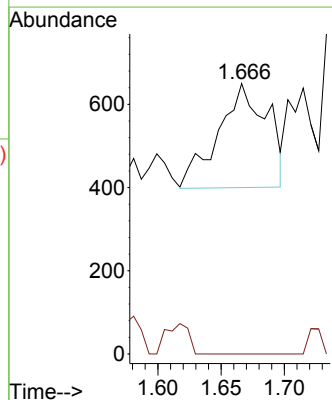
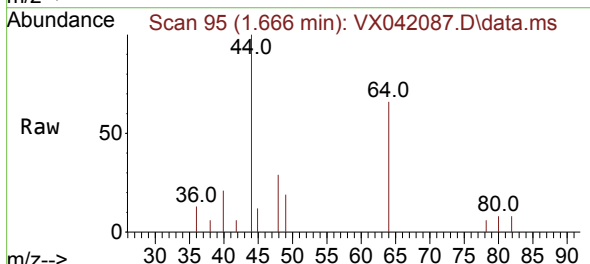
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

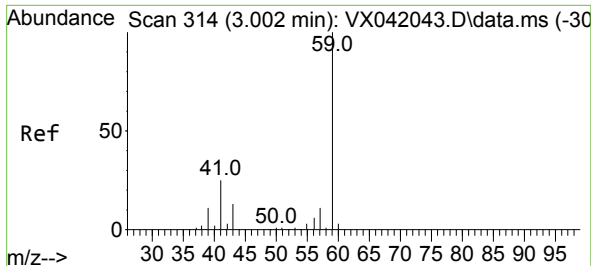
Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 67.2 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 64 Resp: 671
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.829 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042087.D

Acq: 28 Jun 2024 15:52

Instrument :

MSVOA_X

ClientSampleId :

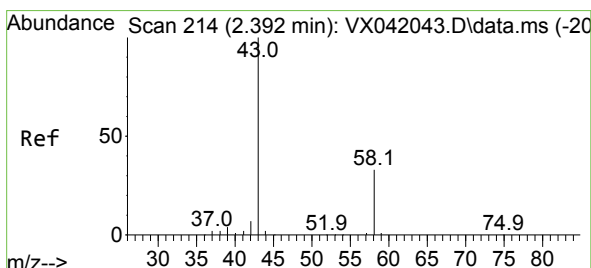
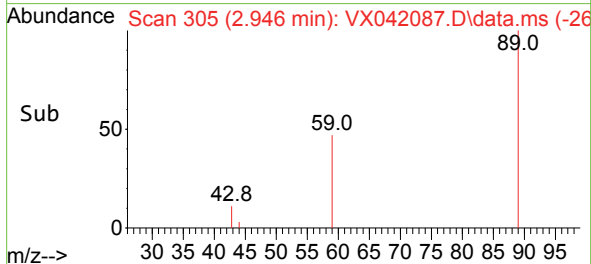
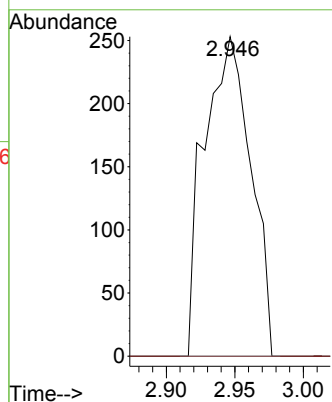
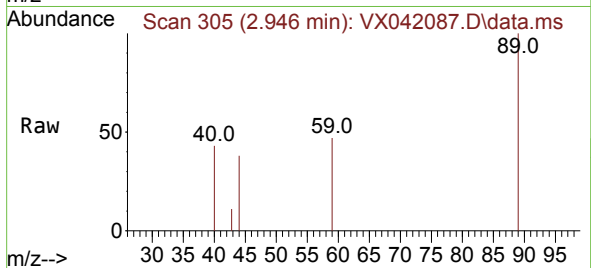
BP-VPB-189-EB-20240626

Tgt Ion: 59 Resp: 598

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.526 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042087.D

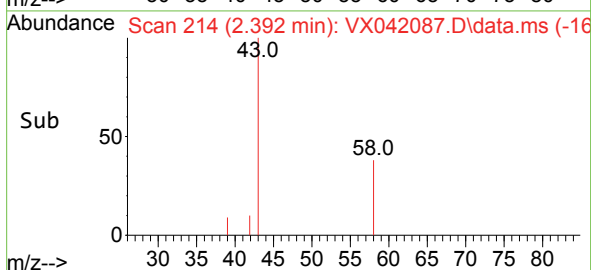
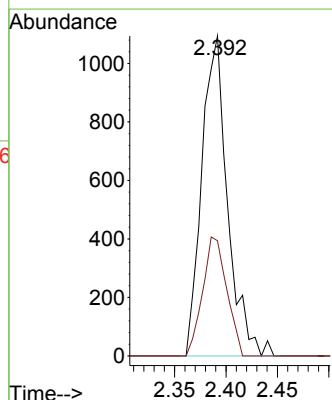
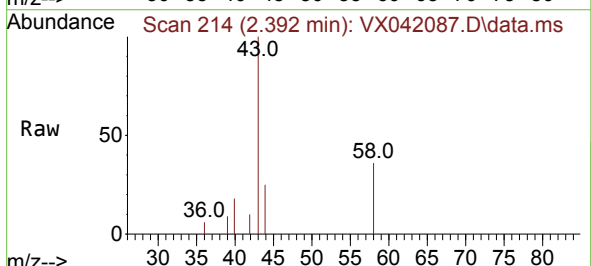
Acq: 28 Jun 2024 15:52

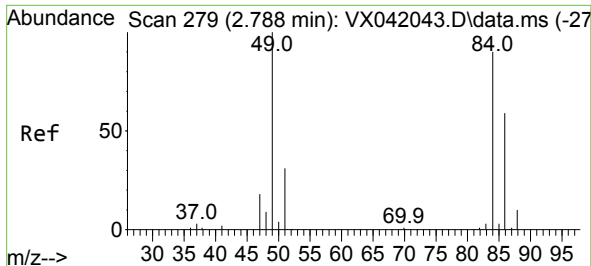
Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

43 100

58 36.0 21.9 32.9#



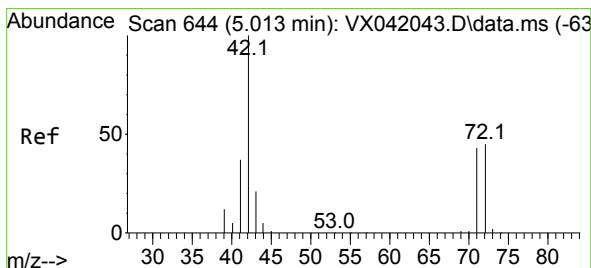
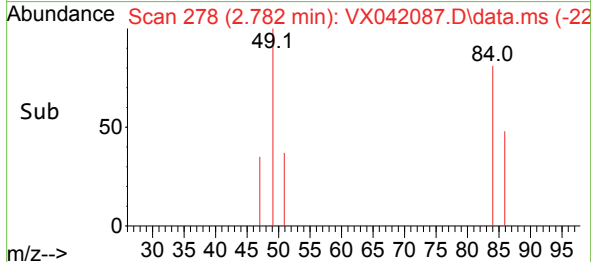
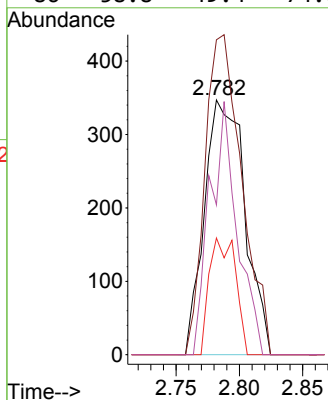
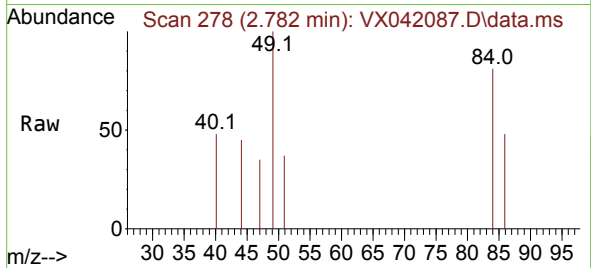


#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

Tgt Ion: 84 Resp: 773

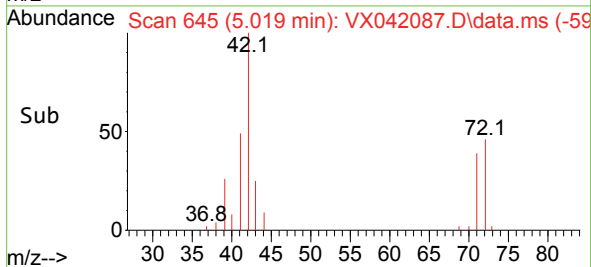
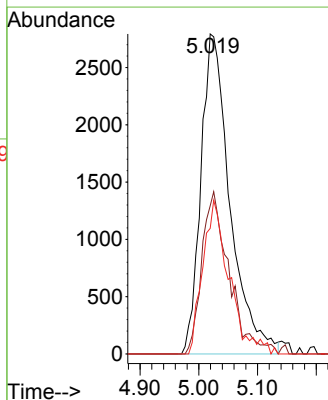
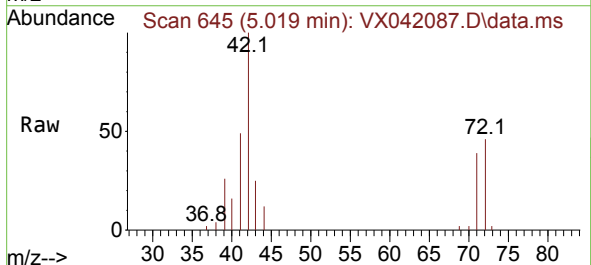
Ion	Ratio	Lower	Upper
84	100		
49	123.6	103.6	155.4
51	45.8	33.8	50.6
86	58.8	49.4	74.0

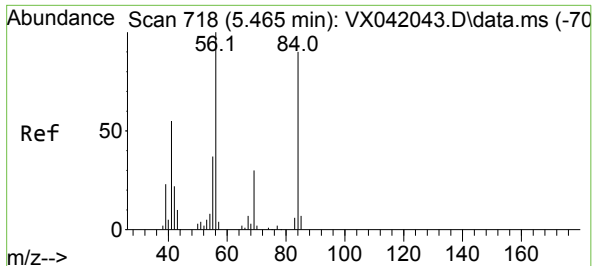


#29
Tetrahydrofuran
Concen: 12.636 ug/l
RT: 5.019 min Scan# 645
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 42 Resp: 9606

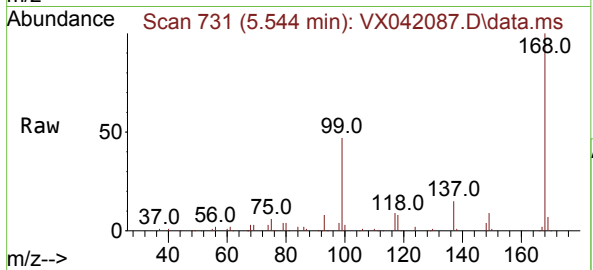
Ion	Ratio	Lower	Upper
42	100		
72	47.4	34.2	51.4
71	43.7	32.2	48.2



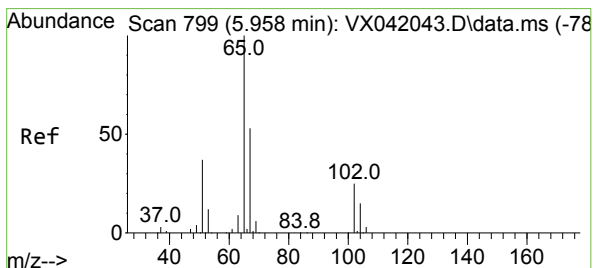
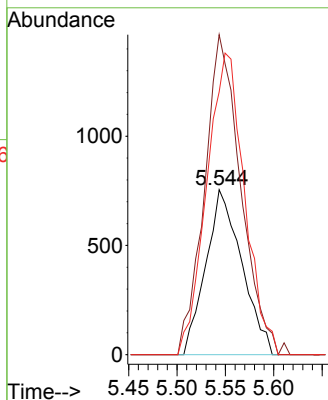
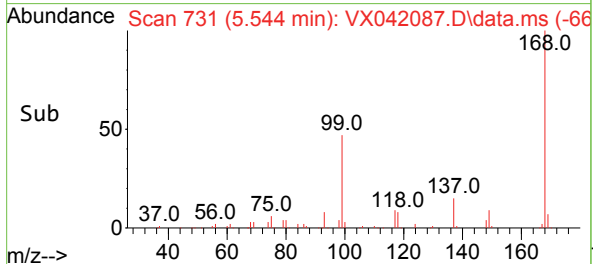


#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

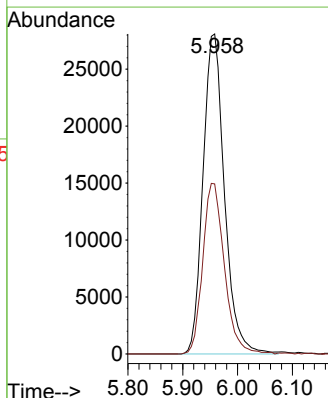
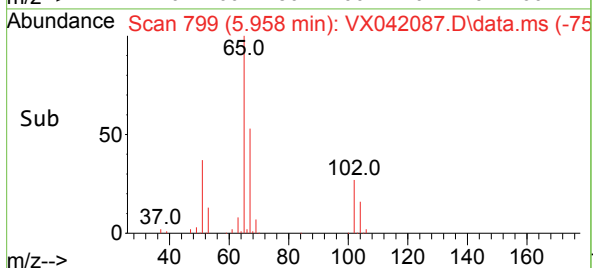
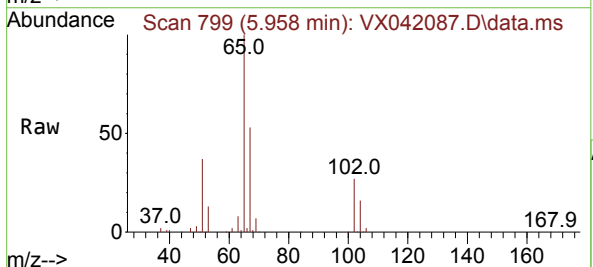


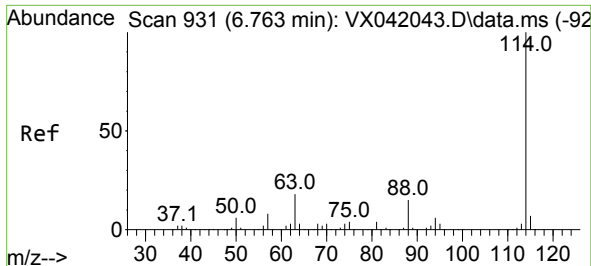
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 194.0 23.4 35.2#
84 159.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.256 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 65 Resp: 76256
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

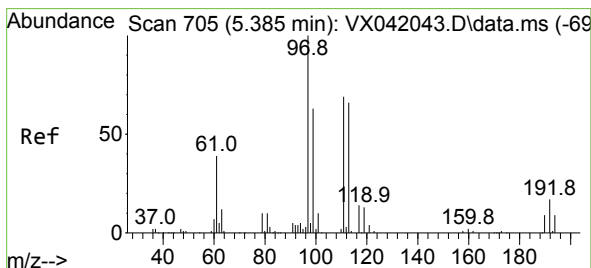
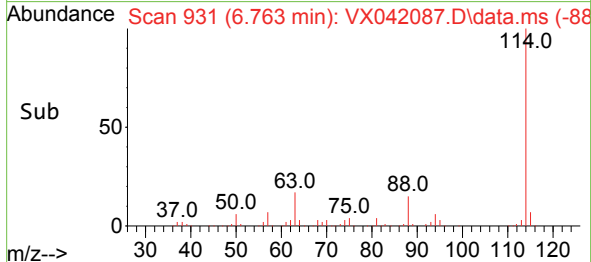
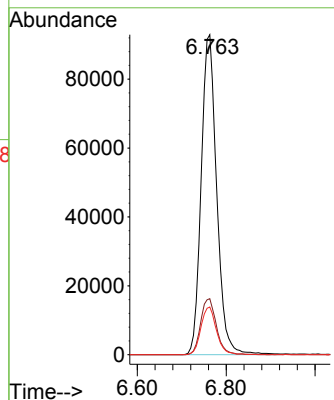
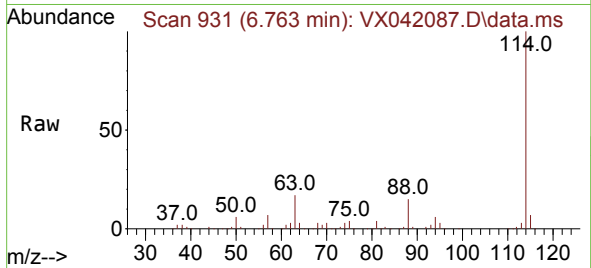




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

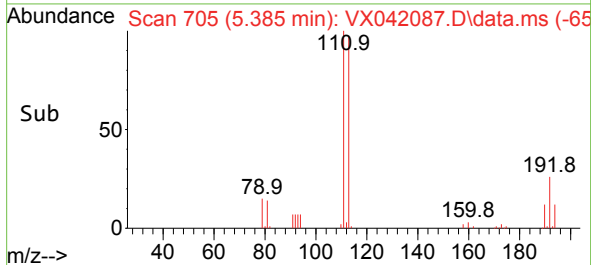
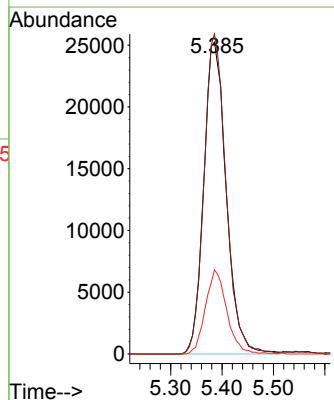
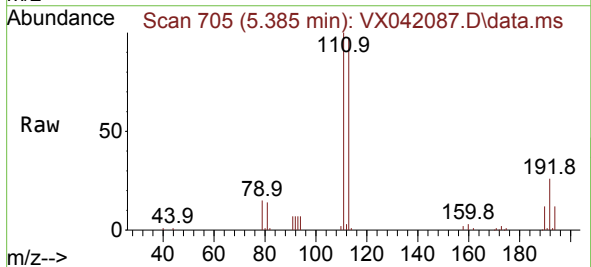
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MSVOA_X
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BP-VPB-189-EB-20240626

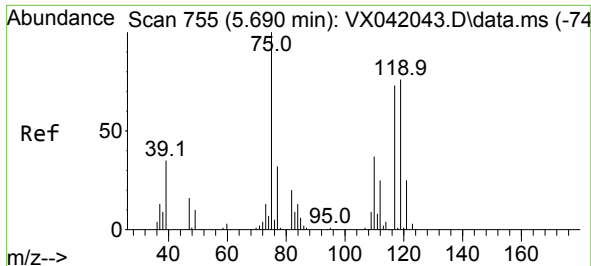
Tgt Ion:114 Resp: 226064
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion:113 Resp: 76711
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.4 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.880 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.140 min

Lab File: VX042087.D

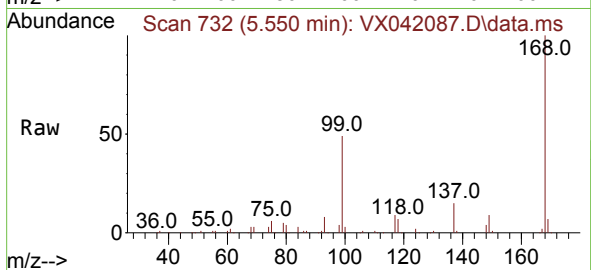
Acq: 28 Jun 2024 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-EB-20240626



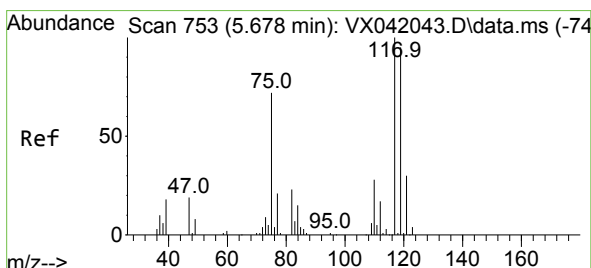
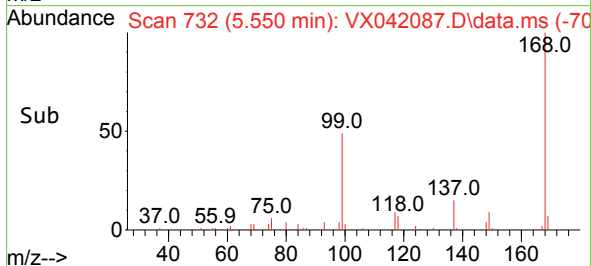
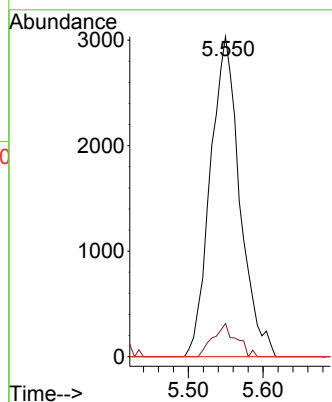
Tgt Ion: 75 Resp: 8313

Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.518 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042087.D

Acq: 28 Jun 2024 15:52

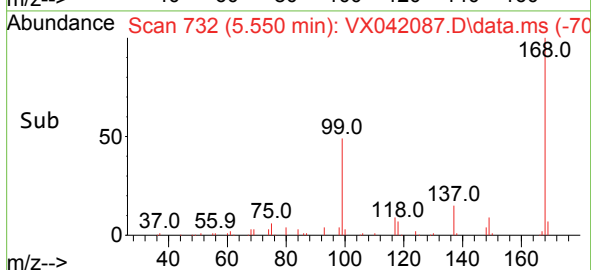
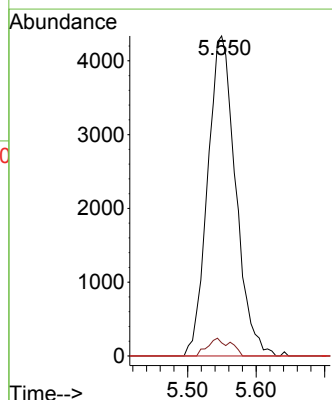
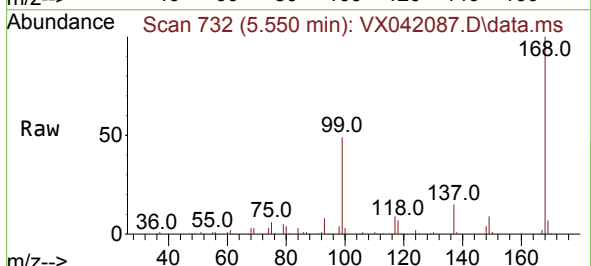
Tgt Ion: 117 Resp: 12266

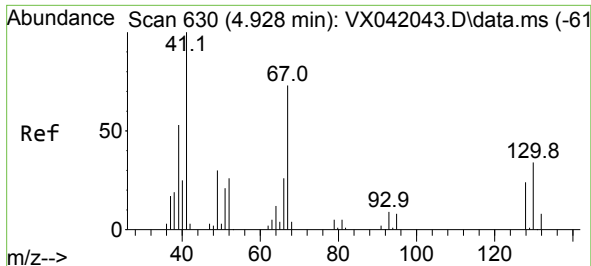
Ion Ratio Lower Upper

117 100

119 4.1 78.2 117.2#

121 0.0 24.4 36.6#

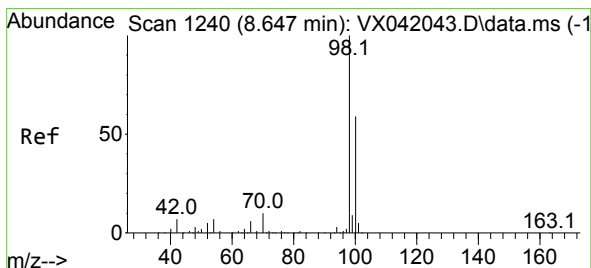
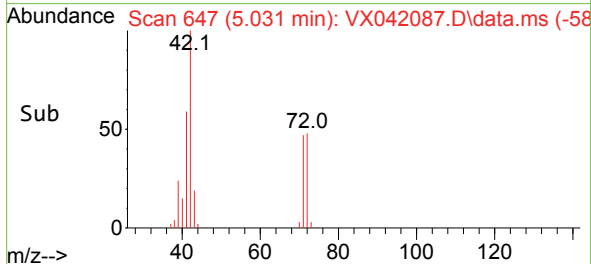
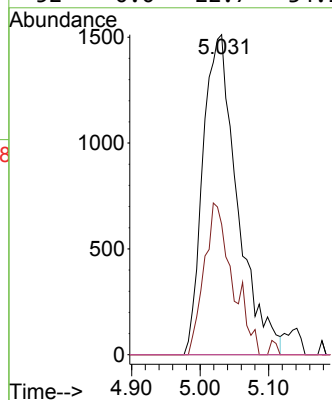
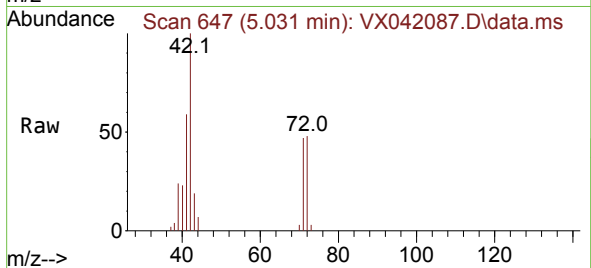




#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

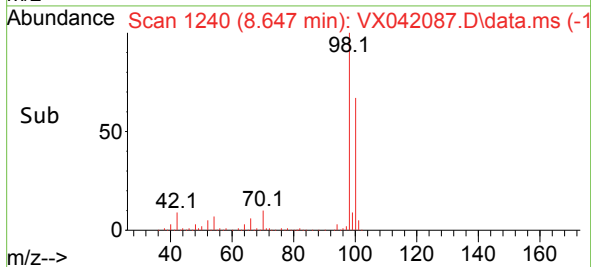
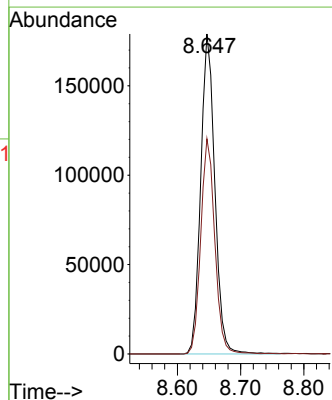
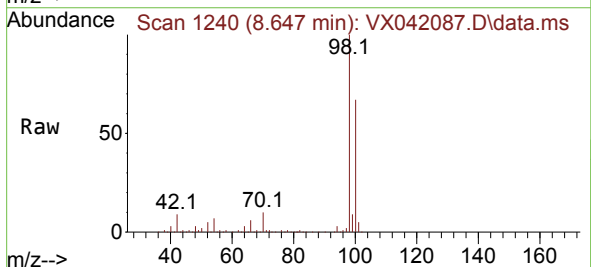
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

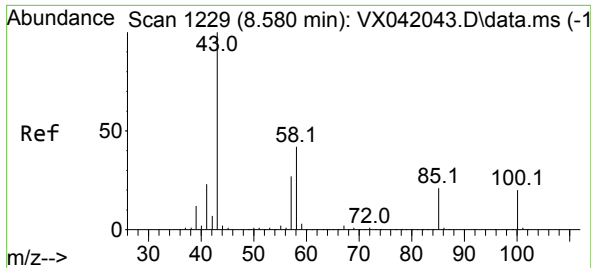
Tgt Ion: 41	Resp: 5285
Ion Ratio	Lower Upper
41 100	
39 39.0	45.2 67.8#
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#



#50
Toluene-d8
Concen: 49.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 98	Resp: 278105
Ion Ratio	Lower Upper
98 100	
100 67.0	53.1 79.7

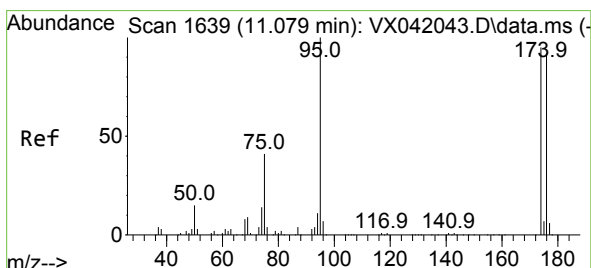
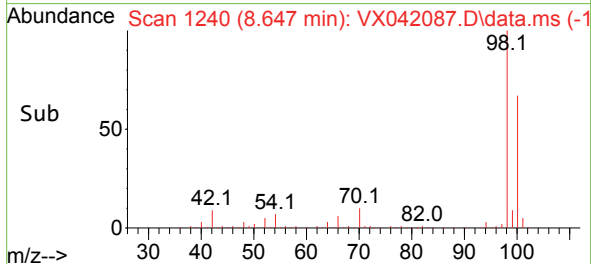
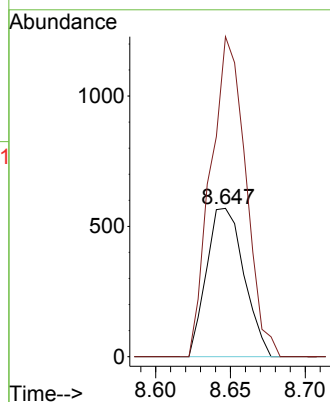
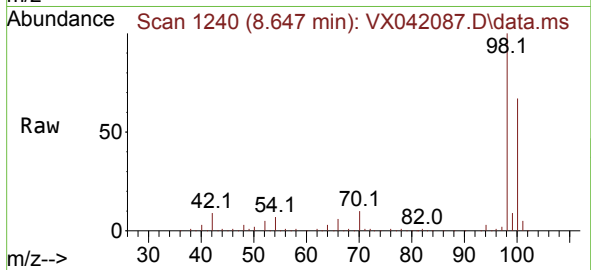




#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

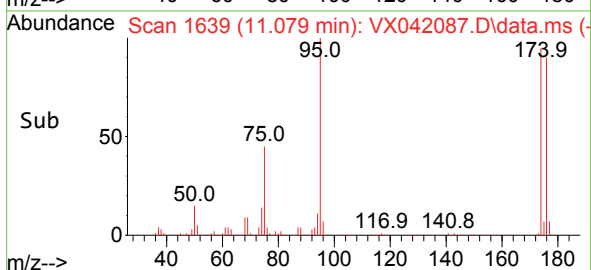
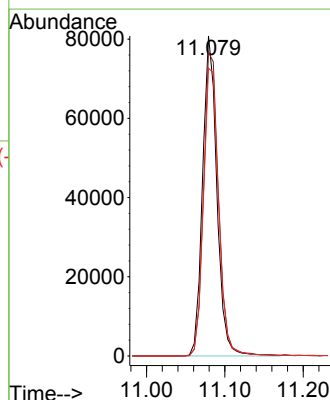
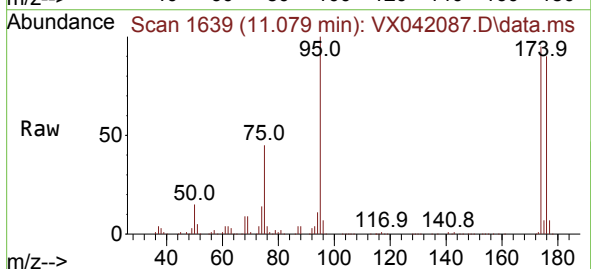
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

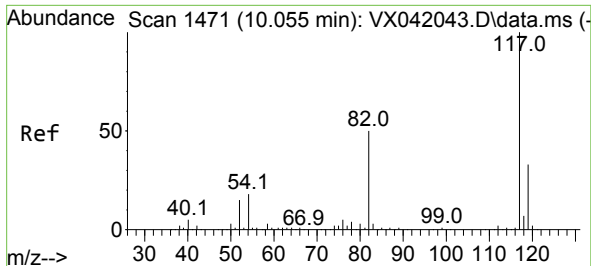
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 201.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion: 95 Resp: 102448
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 96.2 0.0 131.0

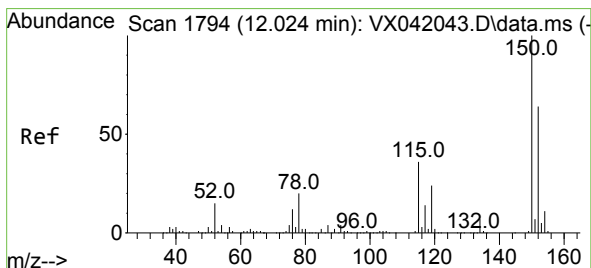
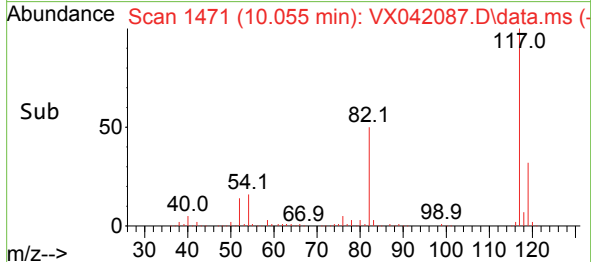
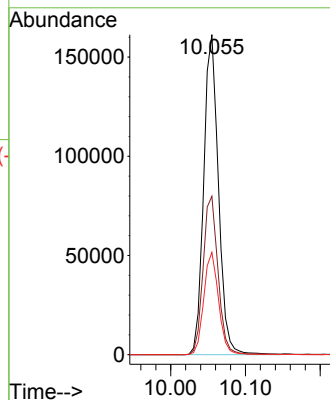
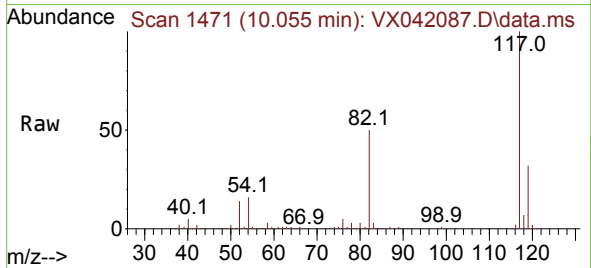




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

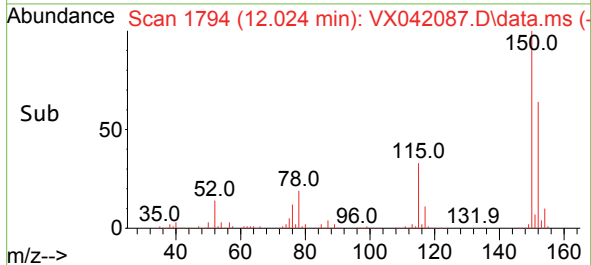
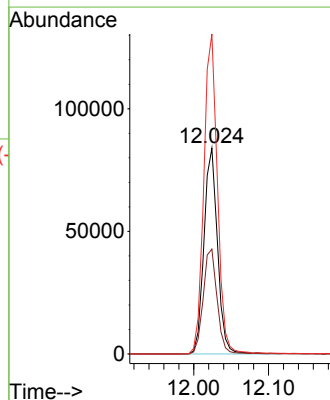
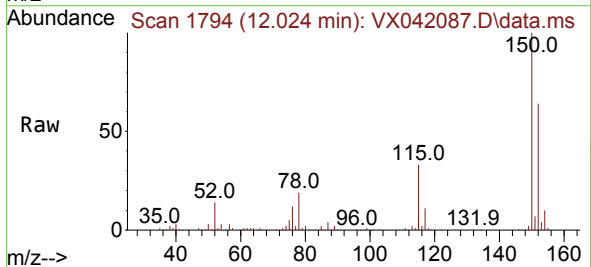
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626

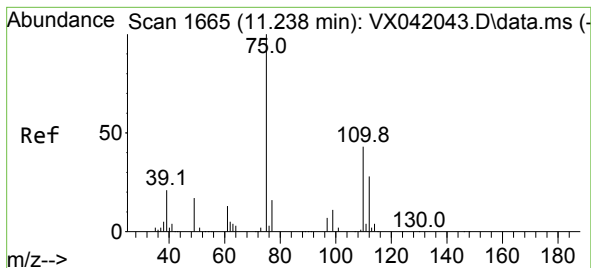
Tgt Ion:117 Resp: 220692
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Tgt Ion:152 Resp: 105868
Ion Ratio Lower Upper
152 100
115 52.2 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.007 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042087.D

Acq: 28 Jun 2024 15:52

Instrument :

MSVOA_X

ClientSampleId :

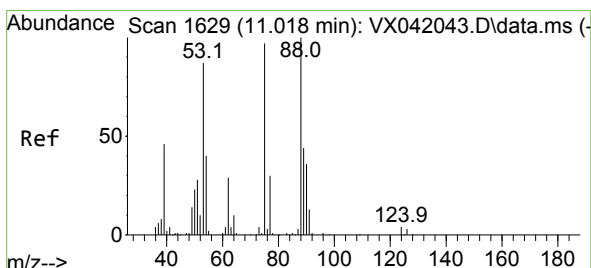
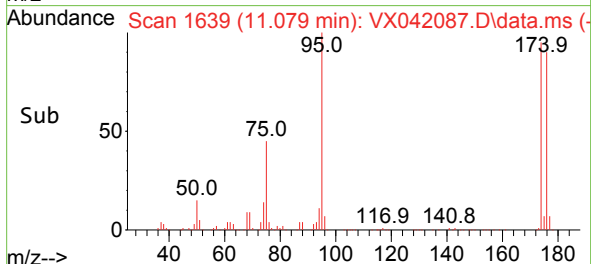
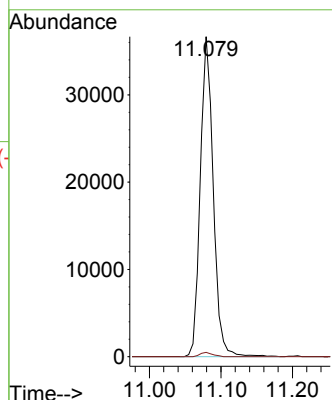
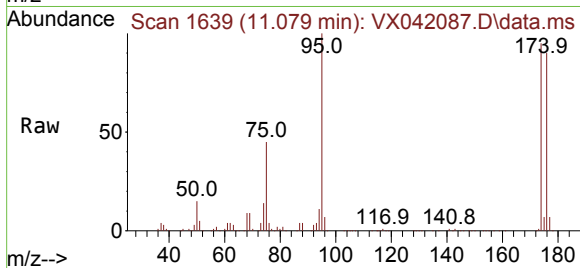
BP-VPB-189-EB-20240626

Tgt Ion: 75 Resp: 46140

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.178 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042087.D

Acq: 28 Jun 2024 15:52

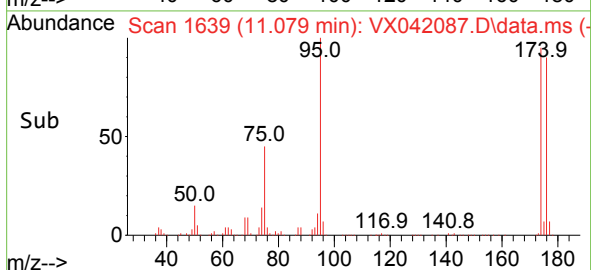
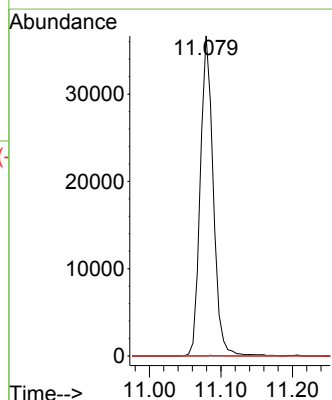
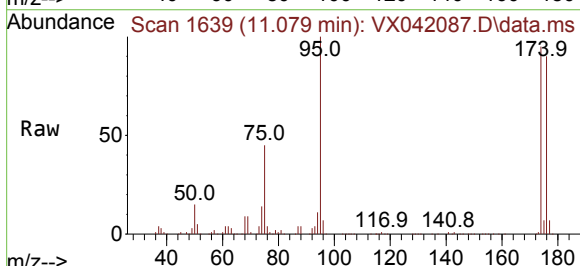
Tgt Ion: 75 Resp: 46140

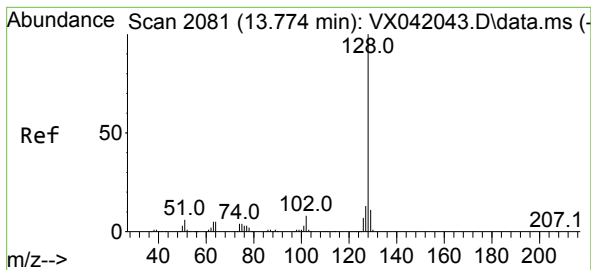
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

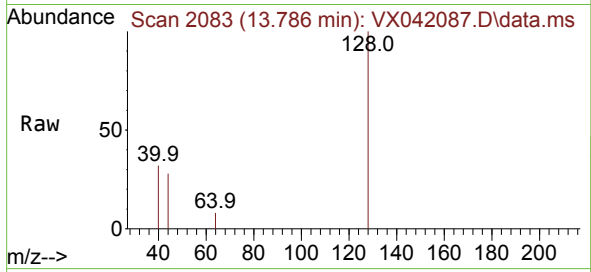
89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 0.883 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042087.D
Acq: 28 Jun 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240626



Tgt Ion:	128	Resp:	1039
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

