

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042947.D
 Acq On : 08 Aug 2024 12:18
 Operator : JC/MD
 Sample : PB162548ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#01

Quant Time: Aug 09 04:42:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

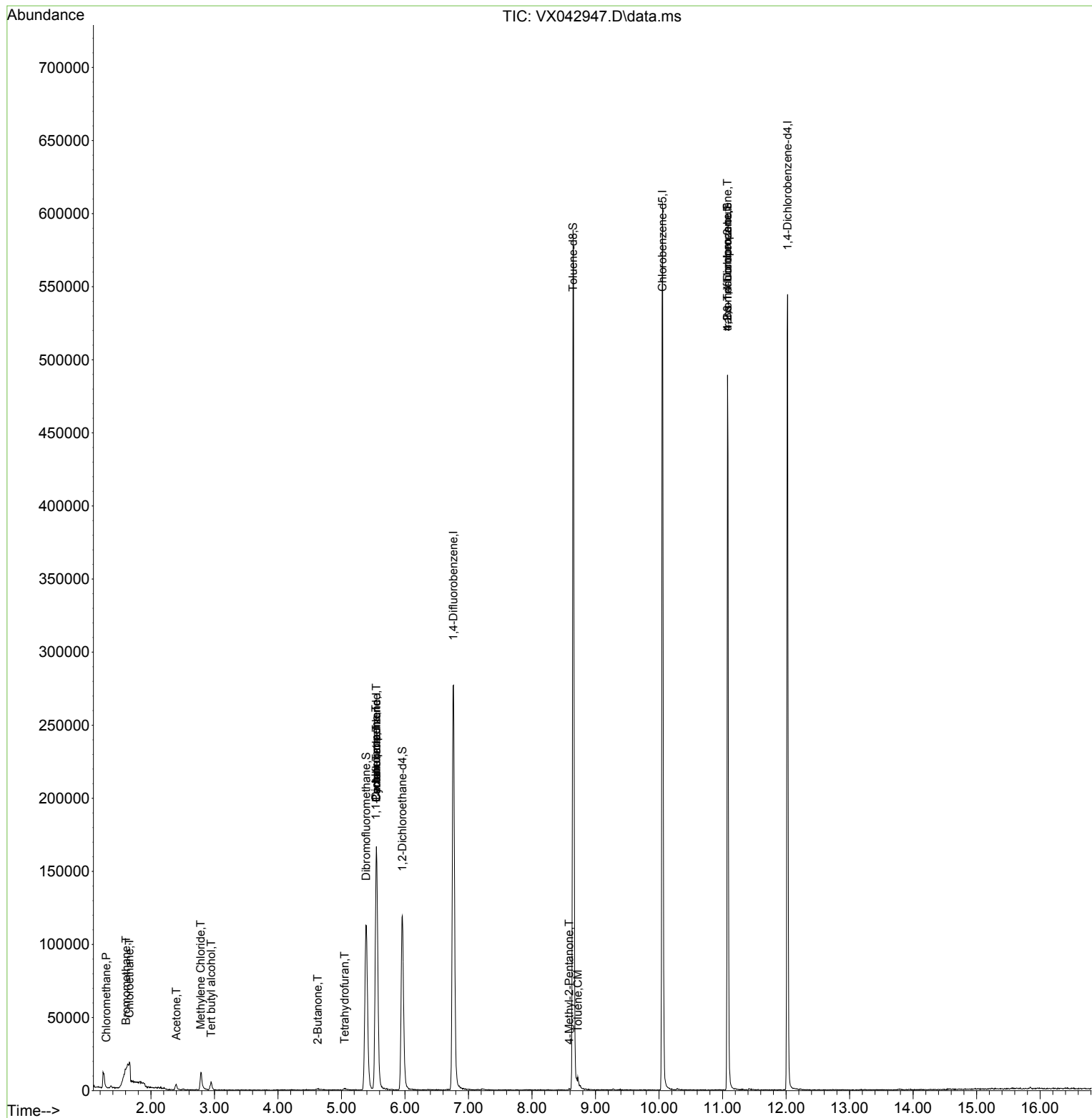
Internal Standards						
1) Pentafluorobenzene	5.550	168	156133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121278	56.582	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.160%	
35) Dibromofluoromethane	5.385	113	104406	53.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.480%	
50) Toluene-d8	8.647	98	362587	52.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	11.079	95	130638	52.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	443	0.242	ug/l #	43
5) Bromomethane	1.605	94	1233	1.171	ug/l #	46
6) Chloroethane	1.660	64	348	0.351	ug/l #	43
11) Tert butyl alcohol	2.947	59	3256	7.637	ug/l #	78
16) Acetone	2.398	43	4285	4.609	ug/l	96
20) Methylene Chloride	2.782	84	7308	2.907	ug/l #	83
25) 2-Butanone	4.623	43	362	0.248	ug/l #	51
29) Tetrahydrofuran	5.050	42	812	0.823	ug/l #	77
31) Cyclohexane	5.550	56	3099	1.156	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11850	4.457	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16971	5.654	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	758	0.230	ug/l #	80
52) Toluene	8.720	92	2201	0.440	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	66027	24.911	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66027	80.998	ug/l #	5

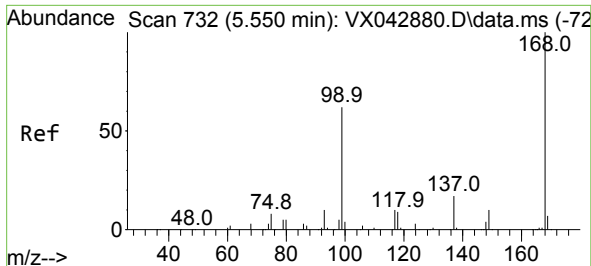
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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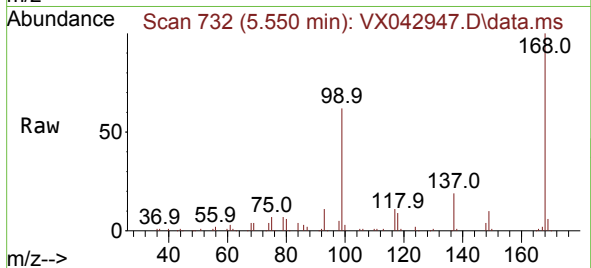
Quant Time: Aug 09 04:42:26 2024
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QLast Update : Wed Aug 07 02:55:22 2024
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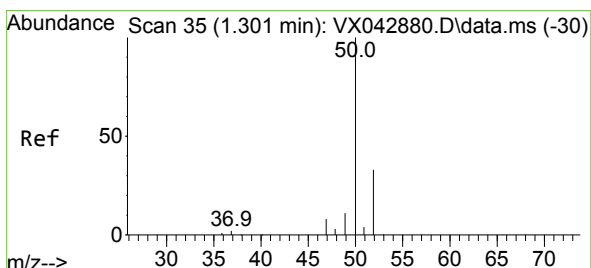
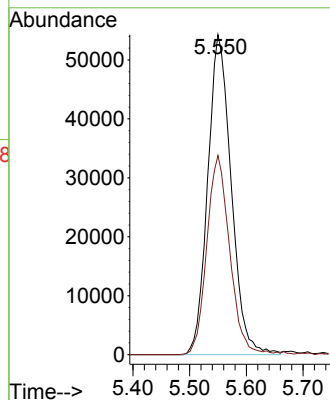
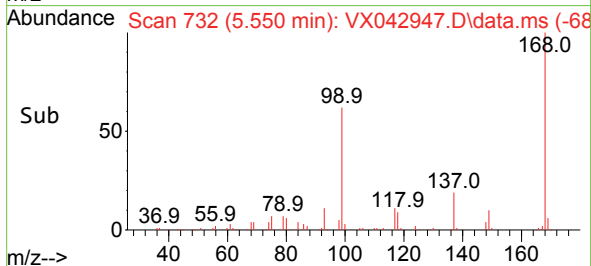


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

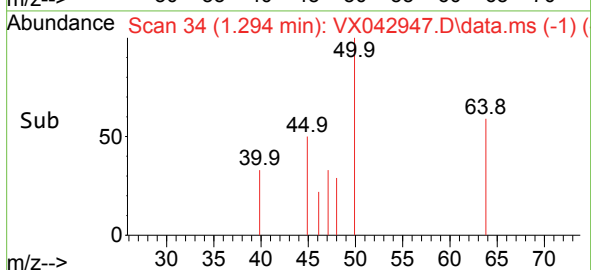
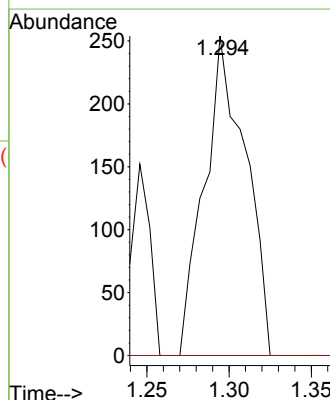
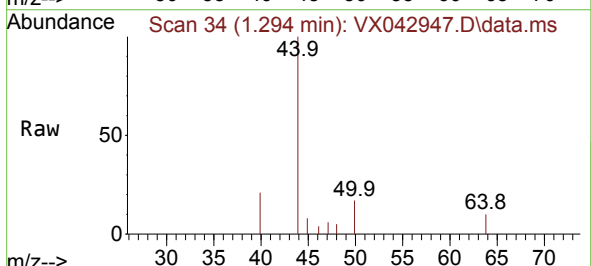


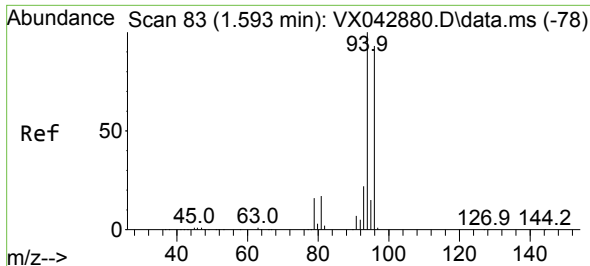
Tgt Ion:168 Resp: 156133
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

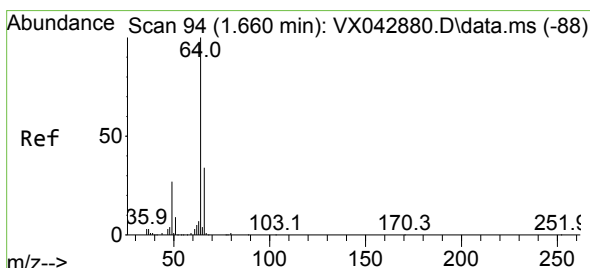
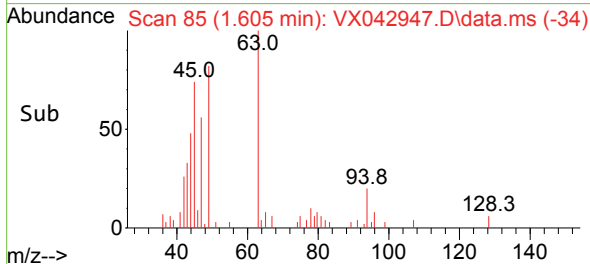
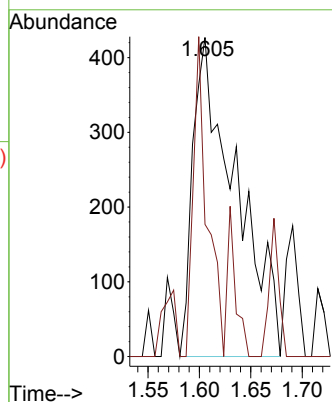
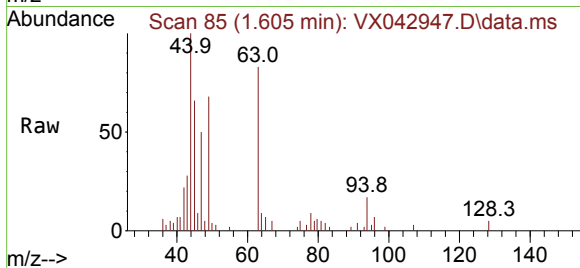




#5
Bromomethane
Concen: 1.171 ug/l
RT: 1.605 min Scan# 83
Delta R.T. 0.012 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

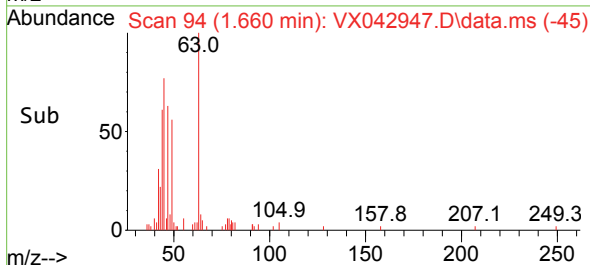
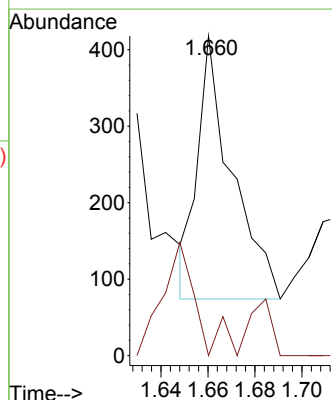
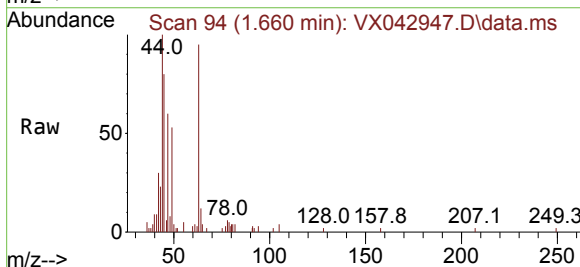
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

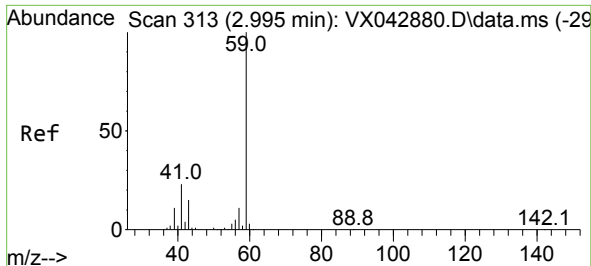
Tgt Ion: 94 Resp: 1233
Ion Ratio Lower Upper
94 100
96 41.5 74.6 111.8#



#6
Chloroethane
Concen: 0.351 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.637 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX042947.D

Acq: 08 Aug 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

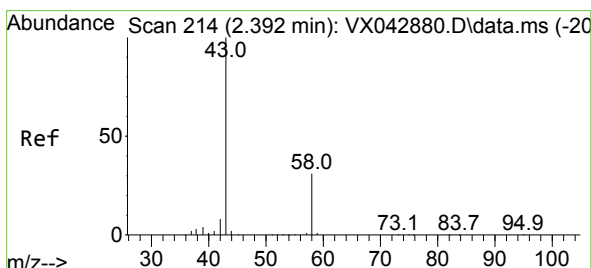
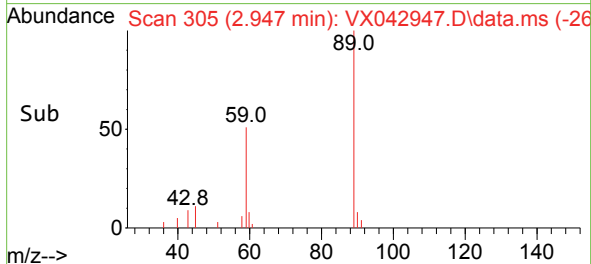
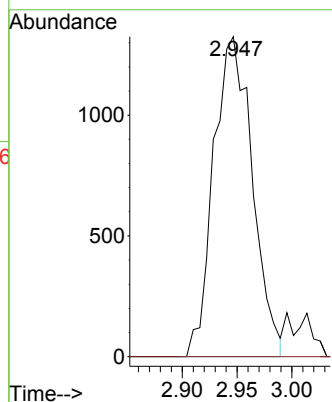
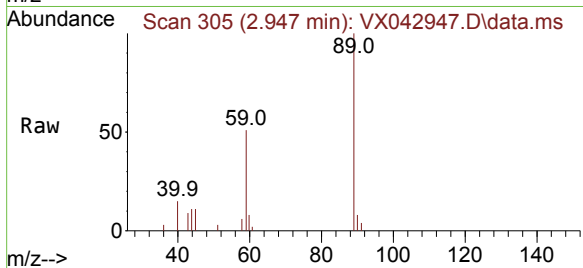
PB162548ZHE#01

Tgt Ion: 59 Resp: 3256

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 4.609 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX042947.D

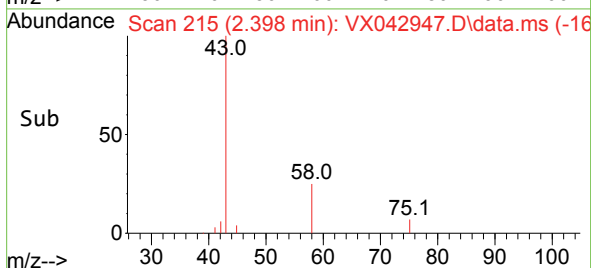
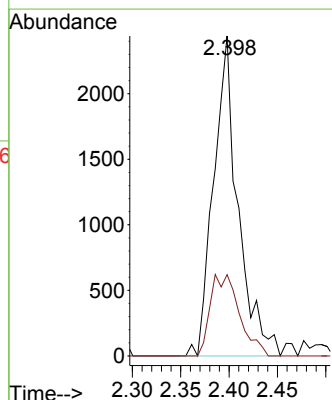
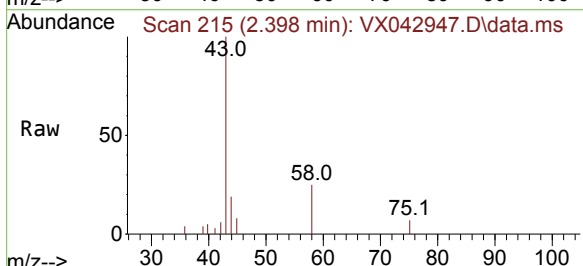
Acq: 08 Aug 2024 12:18

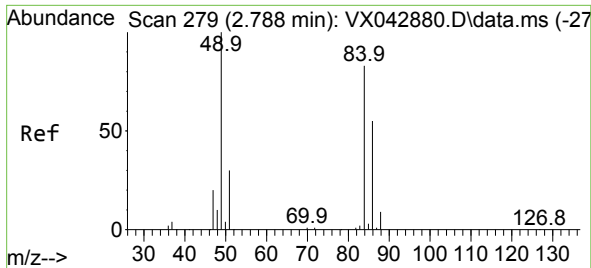
Tgt Ion: 43 Resp: 4285

Ion Ratio Lower Upper

43 100

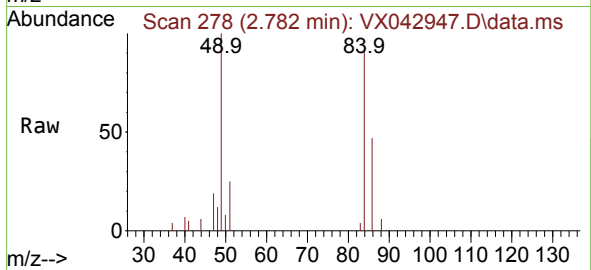
58 25.4 21.9 32.9



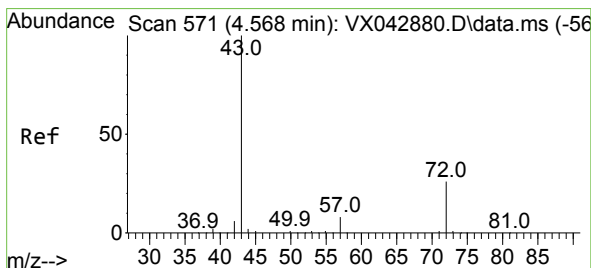
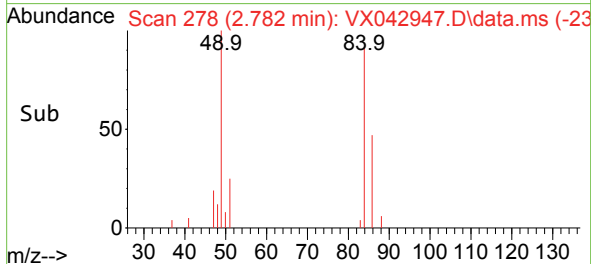
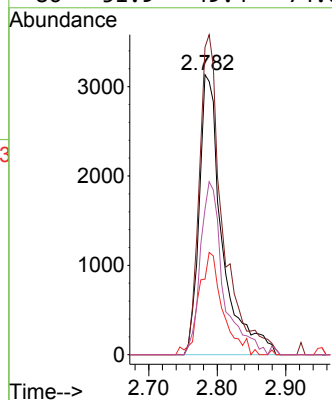


#20
Methylene Chloride
Concen: 2.907 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

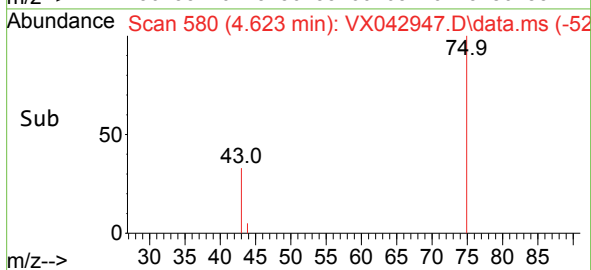
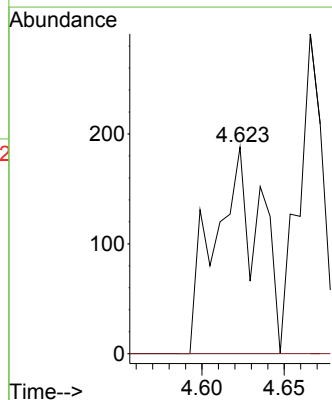
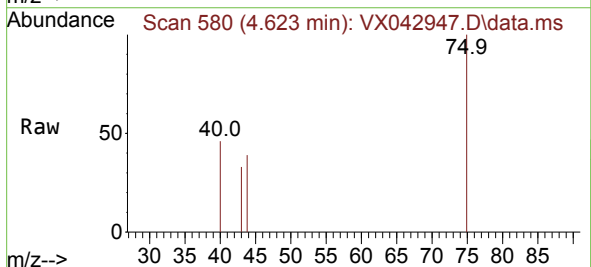


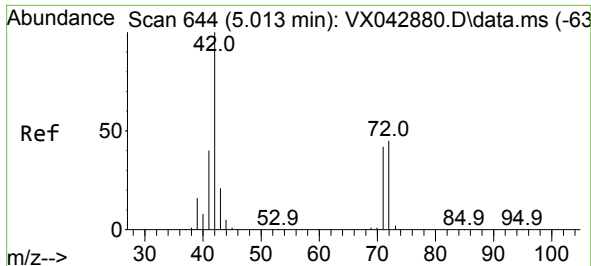
Tgt Ion:	84	Resp:	7308
Ion	Ratio	Lower	Upper
84	100		
49	109.8	103.6	155.4
51	27.0	33.8	50.6#
86	51.9	49.4	74.0



#25
2-Butanone
Concen: 0.248 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.055 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion:	43	Resp:	362
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.823 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX042947.D

Acq: 08 Aug 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#01

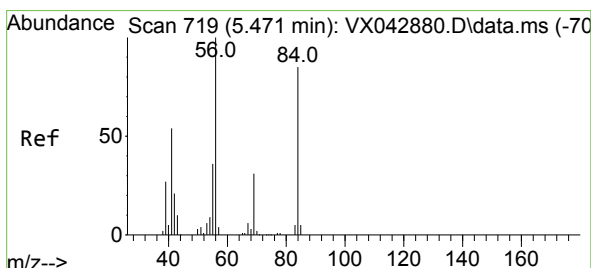
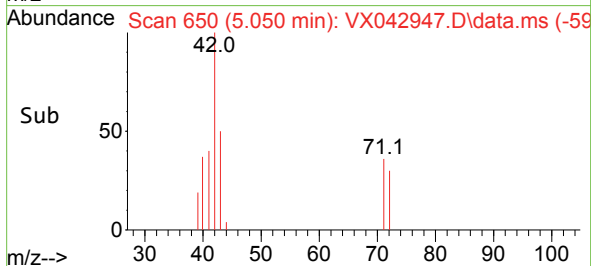
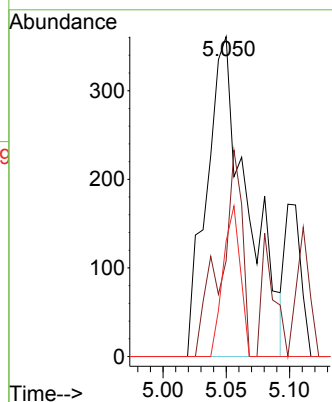
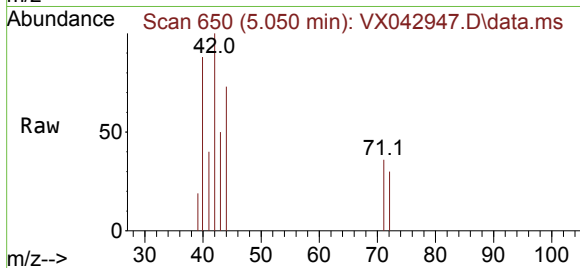
Tgt Ion: 42 Resp: 812

Ion Ratio Lower Upper

42 100

72 34.1 34.2 51.4#

71 19.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX042947.D

Acq: 08 Aug 2024 12:18

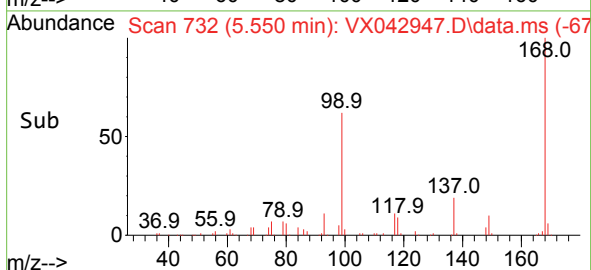
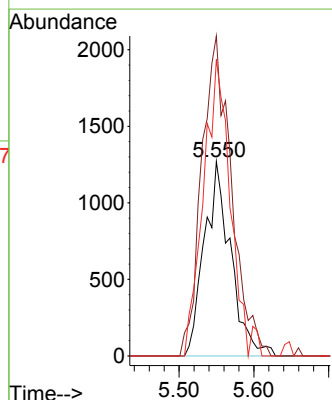
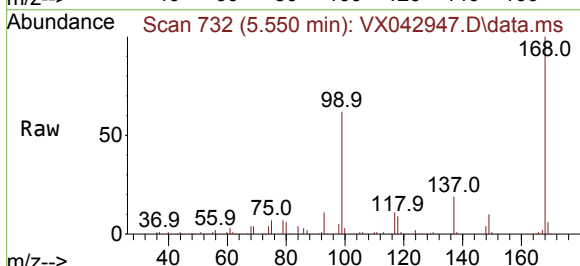
Tgt Ion: 56 Resp: 3099

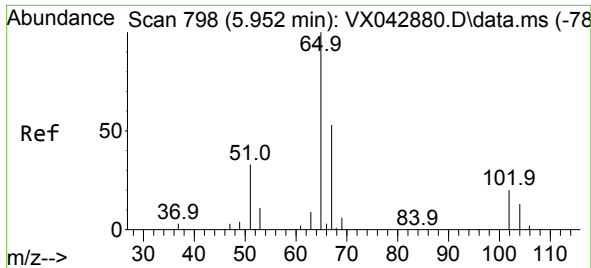
Ion Ratio Lower Upper

56 100

69 164.6 23.4 35.2#

84 152.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.582 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042947.D

Acq: 08 Aug 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

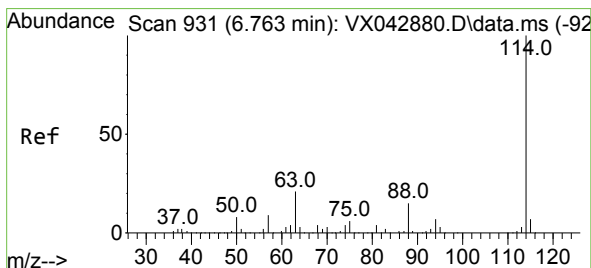
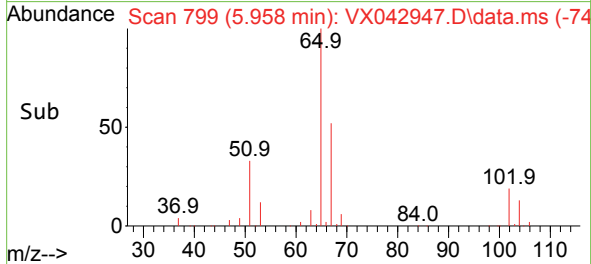
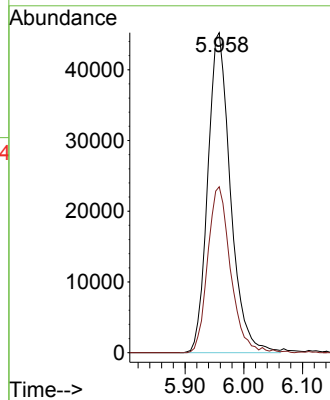
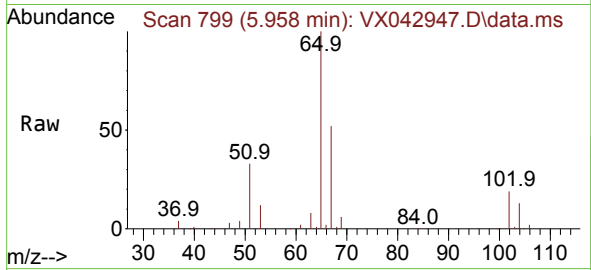
PB162548ZHE#01

Tgt Ion: 65 Resp: 121278

Ion Ratio Lower Upper

65 100

67 52.6 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: VX042947.D

Acq: 08 Aug 2024 12:18

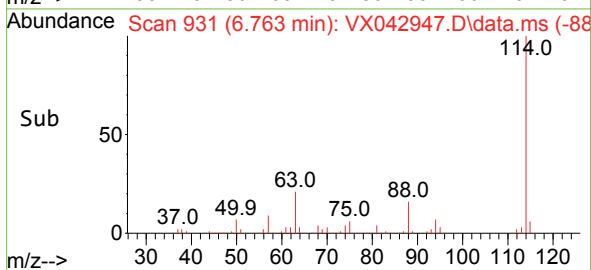
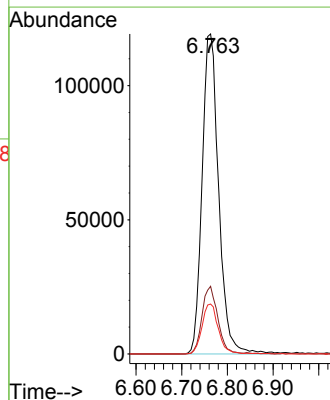
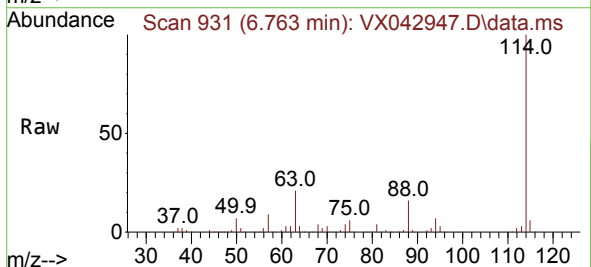
Tgt Ion:114 Resp: 299951

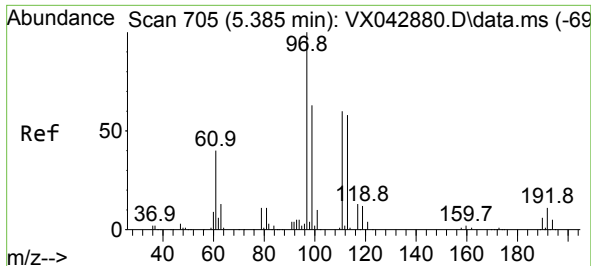
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.6 0.0 36.6

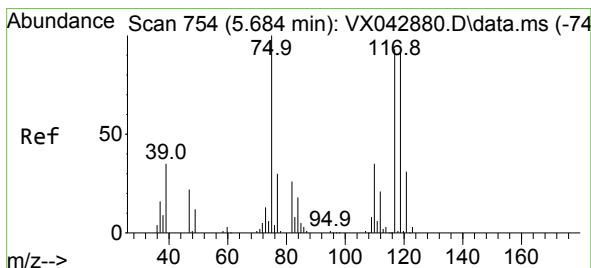
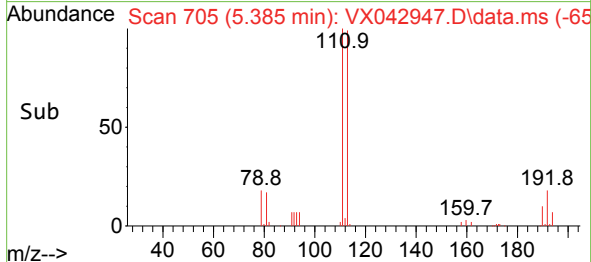
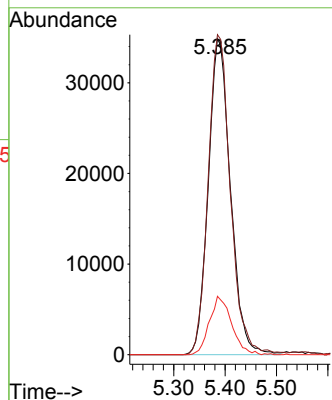
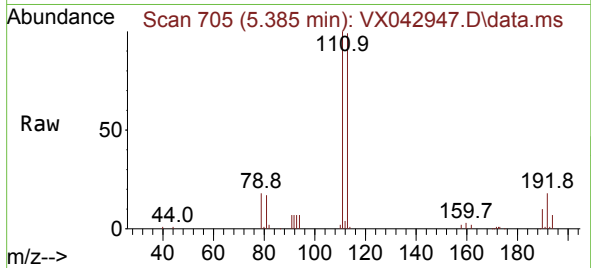




#35
Dibromofluoromethane
Concen: 53.235 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

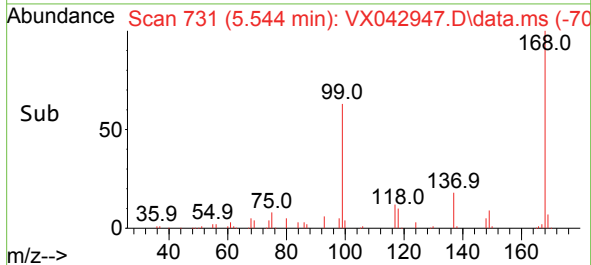
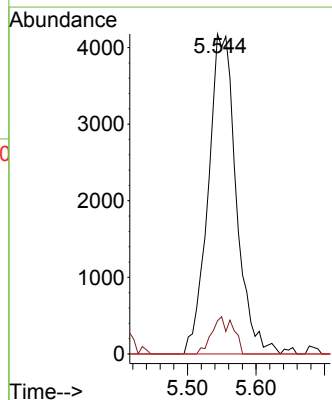
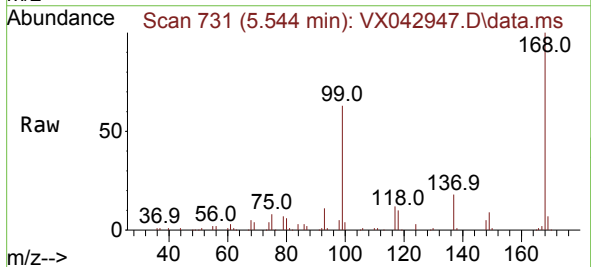
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

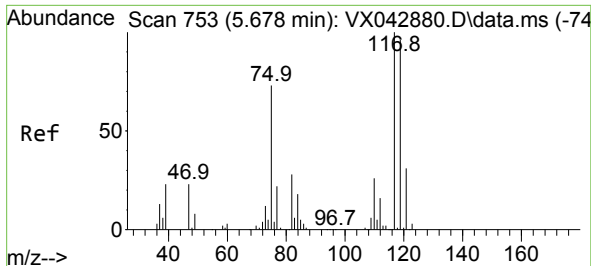
Tgt Ion:113 Resp: 104406
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

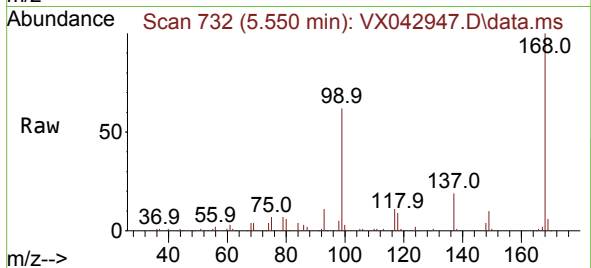
Tgt Ion: 75 Resp: 11850
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



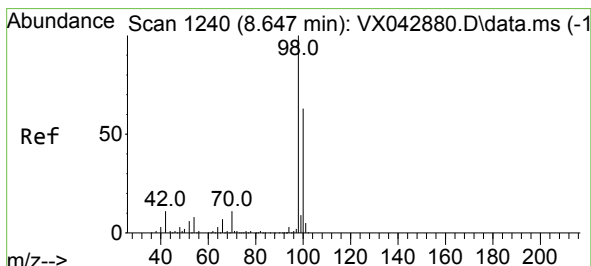
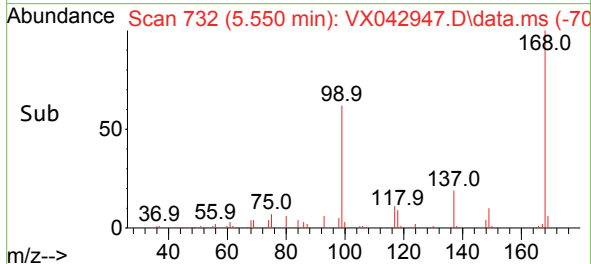
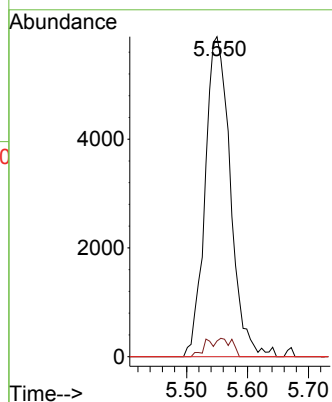


#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

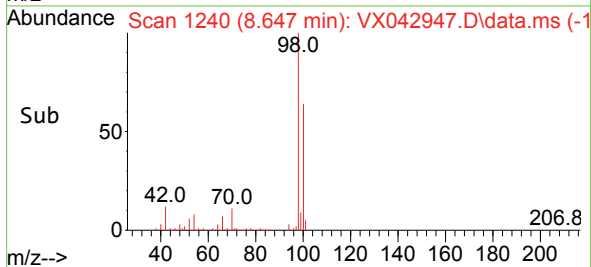
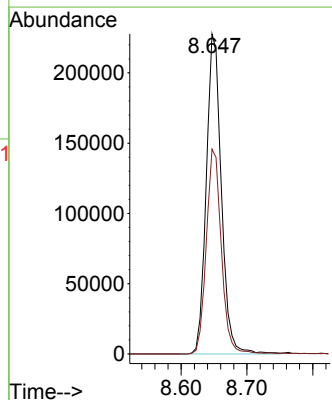
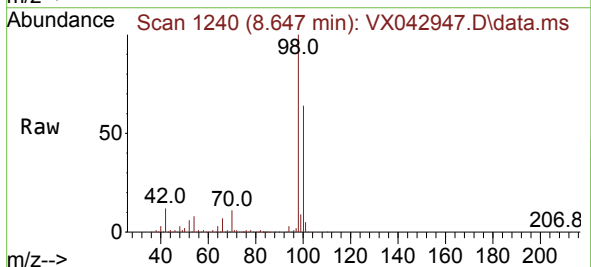


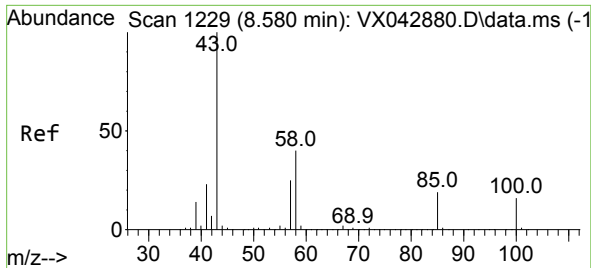
Tgt Ion:117 Resp: 16971
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 52.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion: 98 Resp: 362587
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

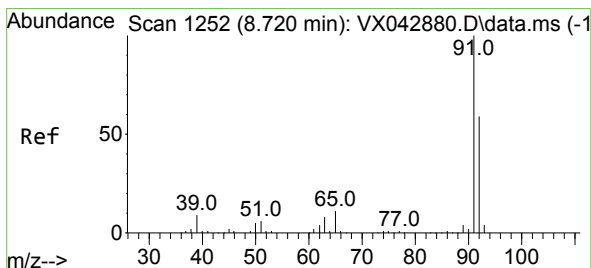
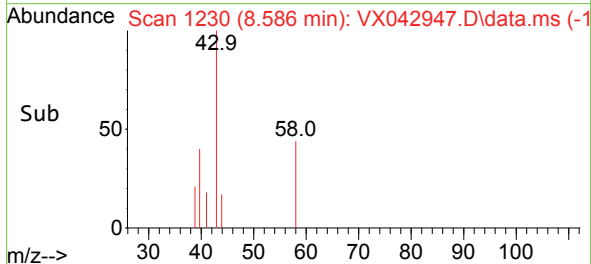
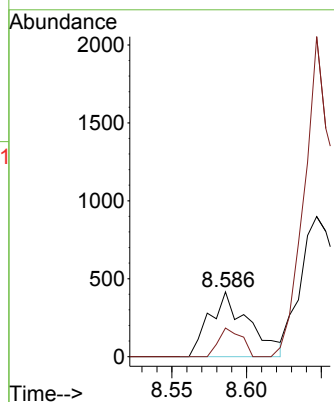
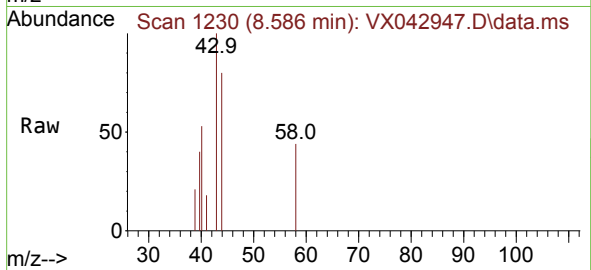




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

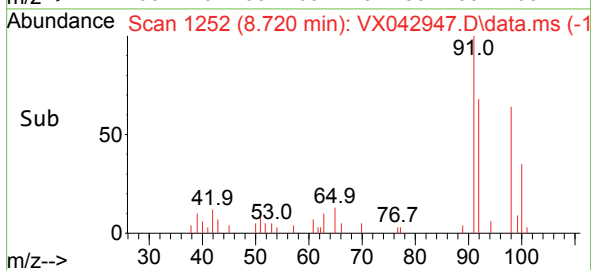
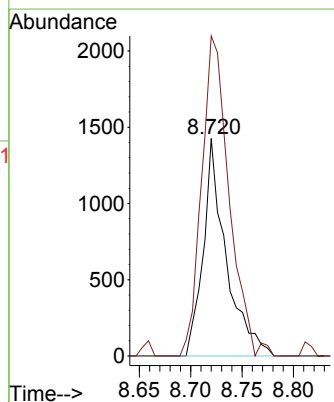
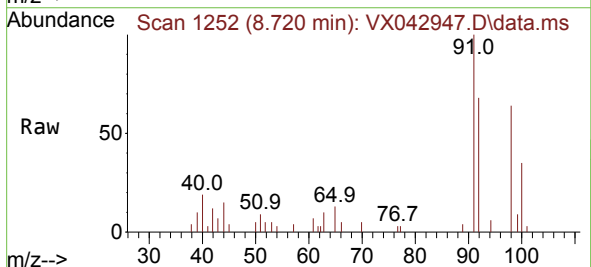
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

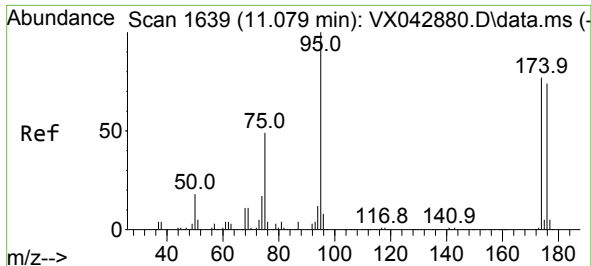
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 25.7 30.4 45.6#



#52
Toluene
Concen: 0.440 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion: 92 Resp: 2201
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2

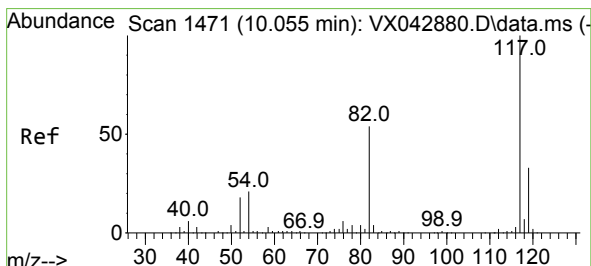
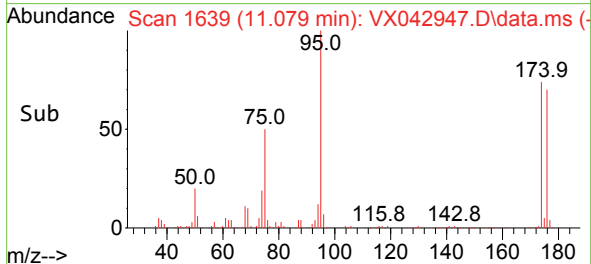
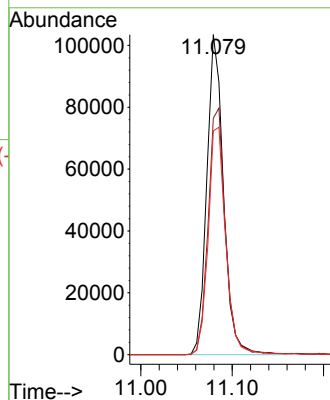
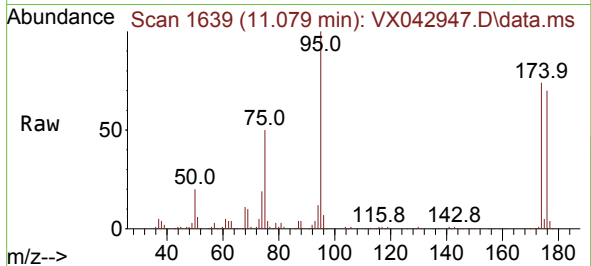




#62
4-Bromofluorobenzene
Concen: 52.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

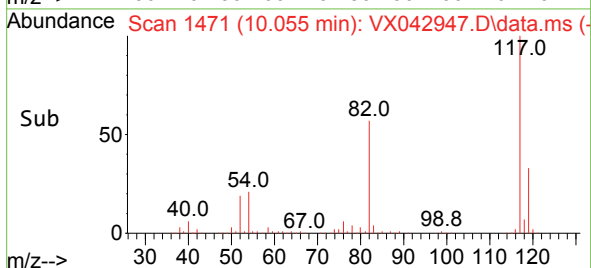
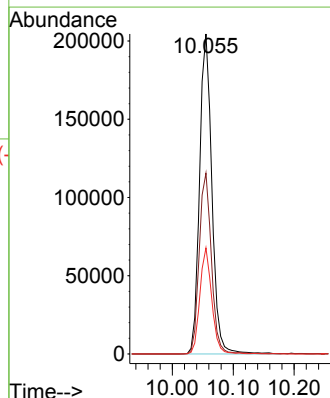
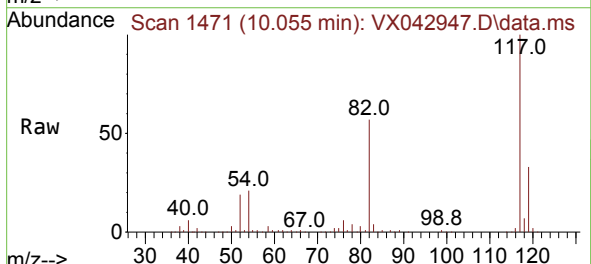
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#01

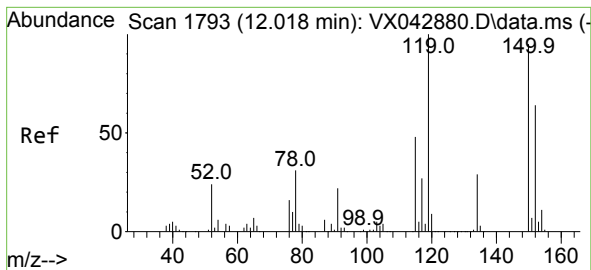
Tgt Ion: 95 Resp: 130638
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 75.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042947.D
Acq: 08 Aug 2024 12:18

Tgt Ion: 117 Resp: 286772
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042947.D

Acq: 08 Aug 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#01

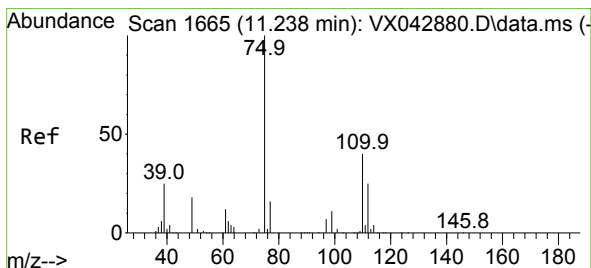
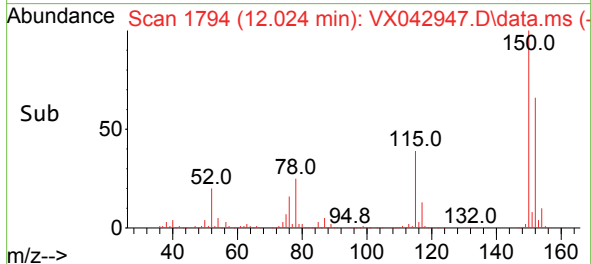
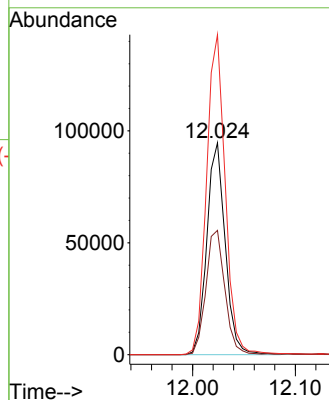
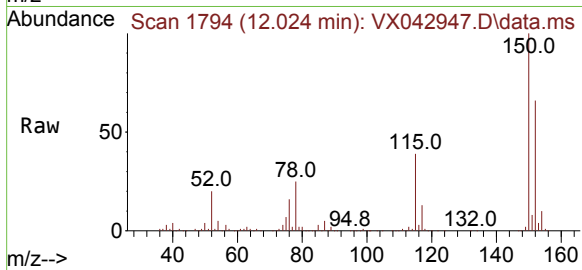
Tgt Ion:152 Resp: 117856

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 153.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.911 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042947.D

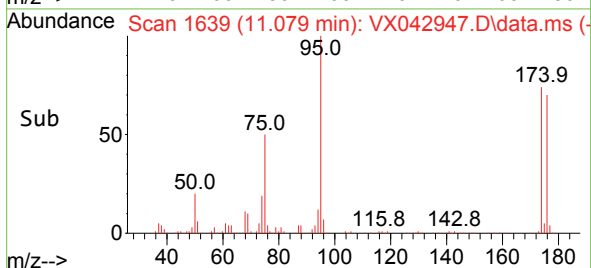
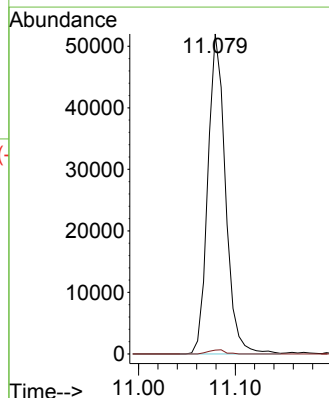
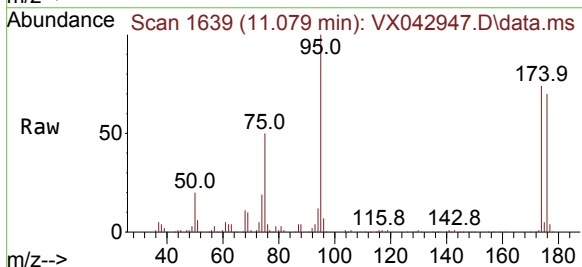
Acq: 08 Aug 2024 12:18

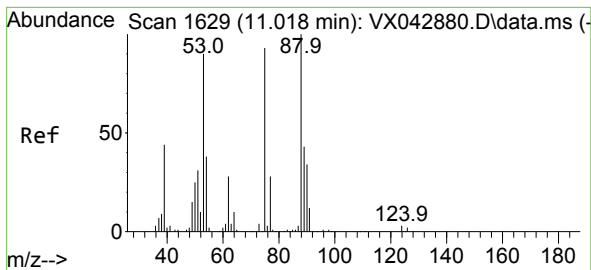
Tgt Ion: 75 Resp: 66027

Ion Ratio Lower Upper

75 100

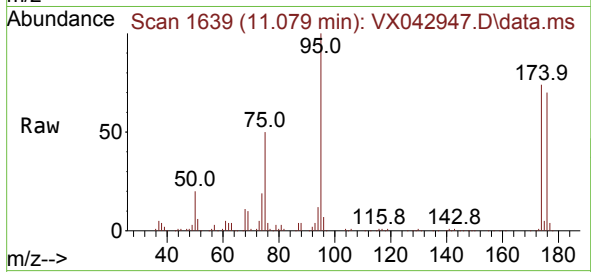
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.998 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042947.D
 Acq: 08 Aug 2024 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#01



Tgt Ion: 75 Resp: 66027
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

