

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042918.D
 Acq On : 07 Aug 2024 16:11
 Operator : JC/MD
 Sample : P3374-03
 Misc : 8.44g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-864-K2-SO-13.5-14-072024ME

Quant Time: Aug 08 02:03:40 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.	T.Q	Ion	Response	Conc	Units	Dev(Min)

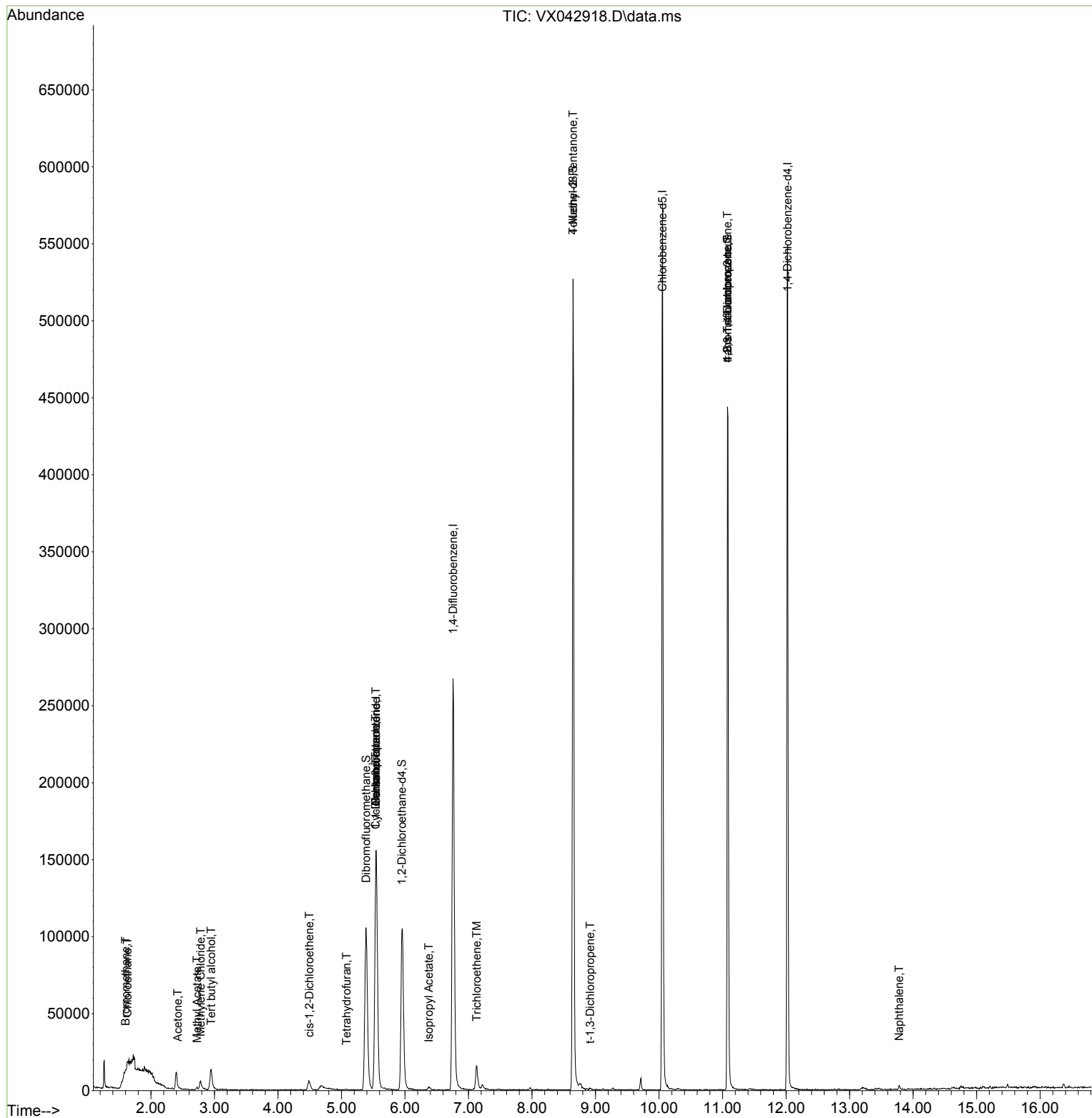
Internal Standards							
1) Pentafluorobenzene	5.544	168		151709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114		280222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		270332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		121528	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65		113291	54.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.800%	
35) Dibromofluoromethane	5.385	113		93280	50.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%	
50) Toluene-d8	8.647	98		330015	50.737	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.480%	
62) 4-Bromofluorobenzene	11.079	95		129626	55.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.920%	
Target Compounds							
							Qvalue
5) Bromomethane	1.599	94		314	0.307	ug/l	90
6) Chloroethane	1.630	64		240	0.249	ug/l #	43
11) Tert butyl alcohol	2.947	59		9346	22.561	ug/l #	81
16) Acetone	2.422	43		1263	1.398	ug/l #	85
18) Methyl Acetate	2.727	43		2061	0.719	ug/l #	90
20) Methylene Chloride	2.782	84		3680	1.062	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96		4562	2.287	ug/l	76
29) Tetrahydrofuran	5.080	42		296	0.309	ug/l #	34
31) Cyclohexane	5.538	56		2924	1.122	ug/l #	40
36) 1,1-Dichloropropene	5.538	75		12058	4.854	ug/l #	50
38) Carbon Tetrachloride	5.544	117		16013	5.710	ug/l #	16
43) Isopropyl Acetate	6.373	43		1107	0.241	ug/l #	62
44) Trichloroethene	7.129	130		6010	3.102	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43		1560	0.507	ug/l #	1
53) t-1,3-Dichloropropene	8.915	75		711	0.288	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75		63669	23.295	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75		63669	75.745	ug/l #	5
95) Naphthalene	13.780	128		2634	0.308	ug/l #	89

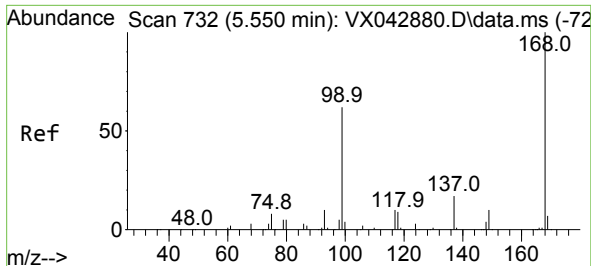
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 07 02:55:22 2024
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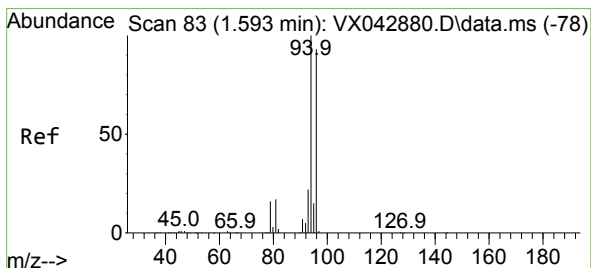
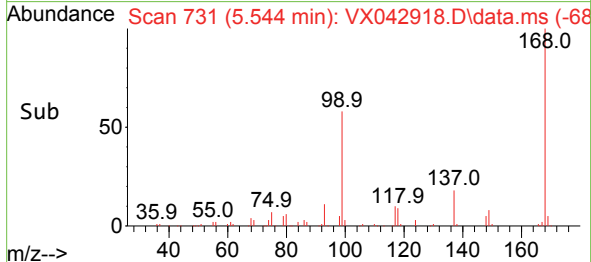
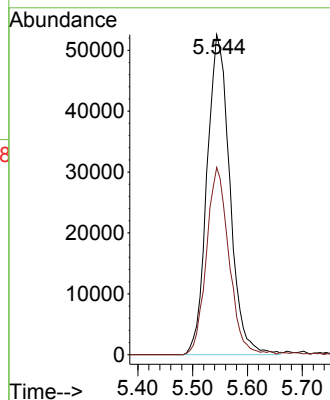
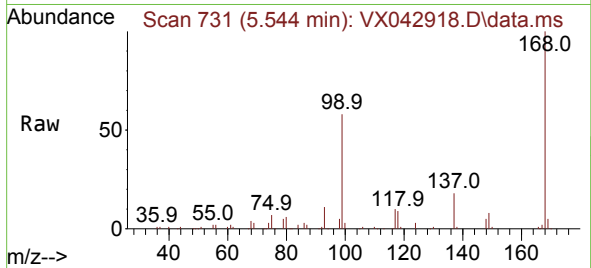




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

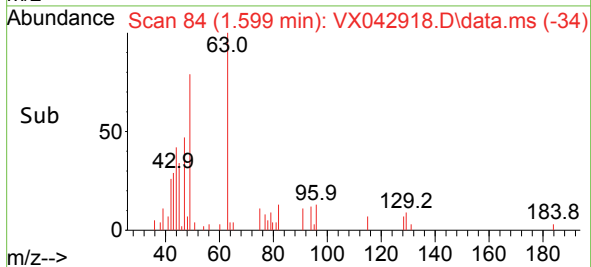
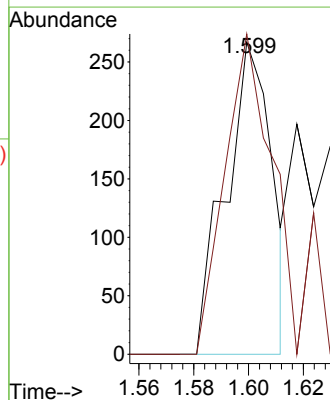
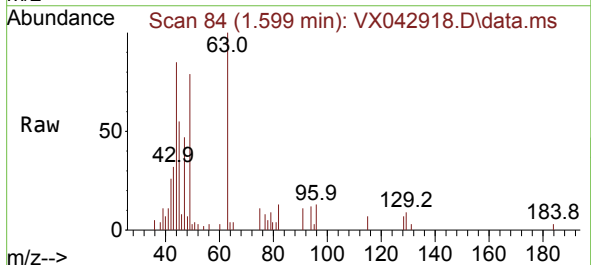
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

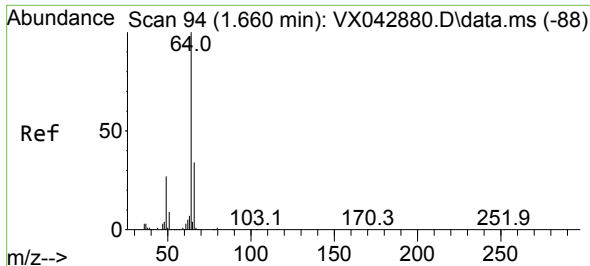
Tgt Ion:168 Resp: 151709
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: 0.307 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 102.6 74.6 111.8

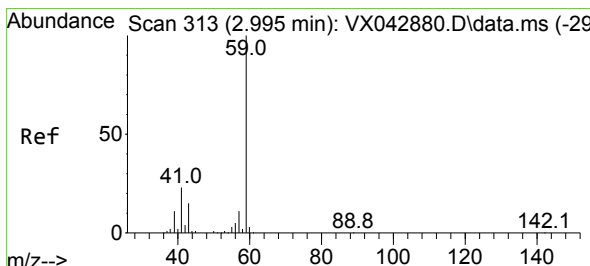
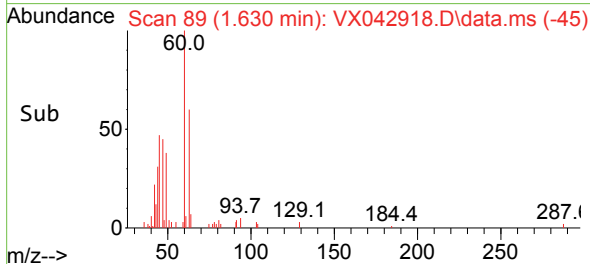
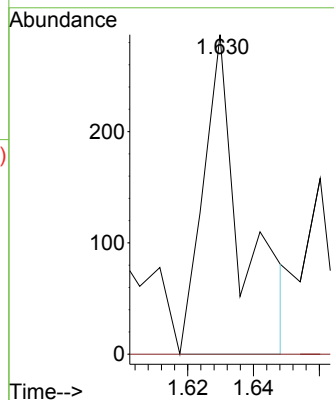
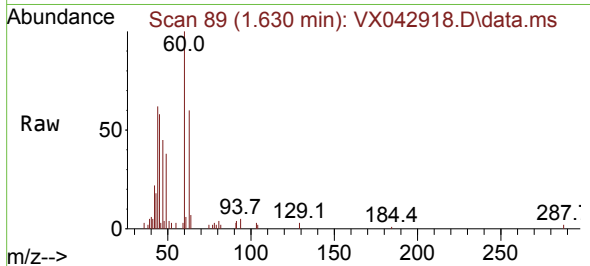




#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.031 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

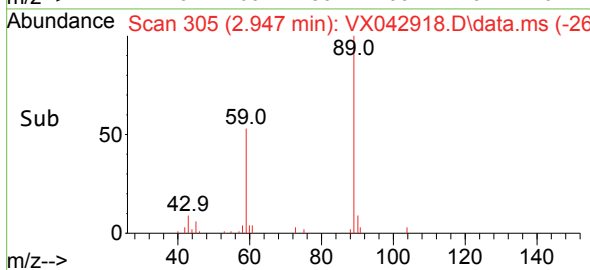
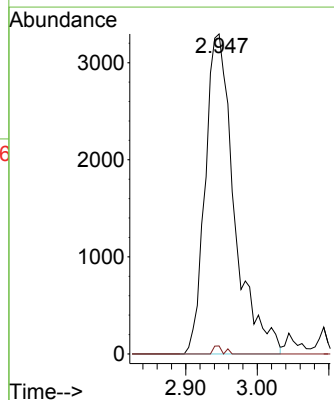
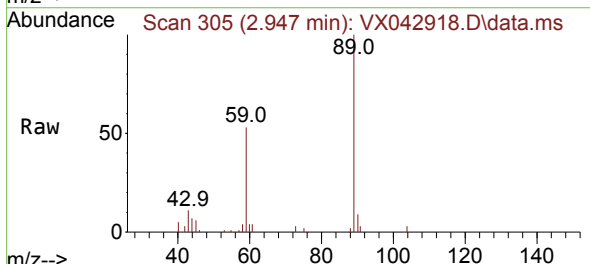
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

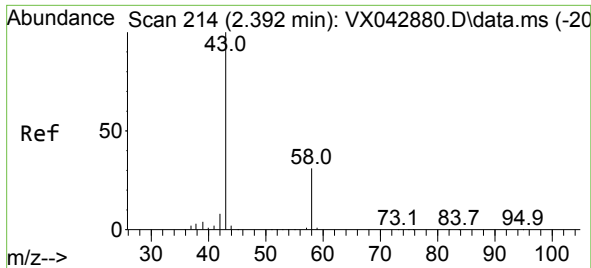
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 22.561 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 59 Resp: 9346
Ion Ratio Lower Upper
59 100
57 0.8 6.0 9.0#

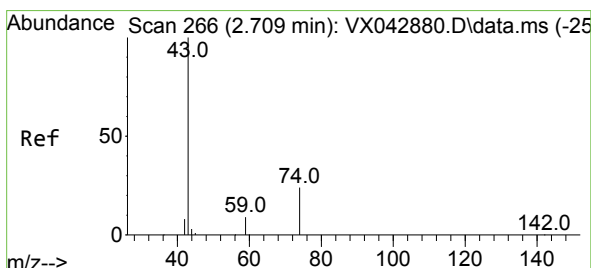
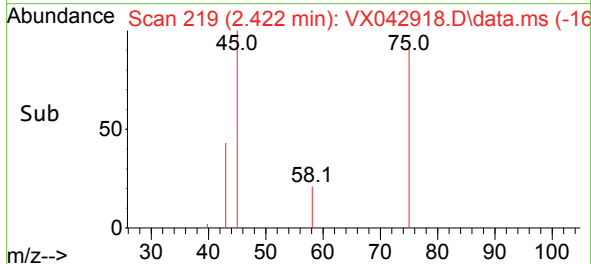
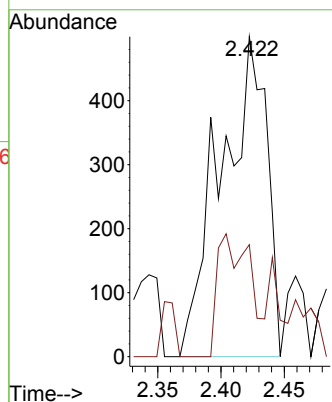
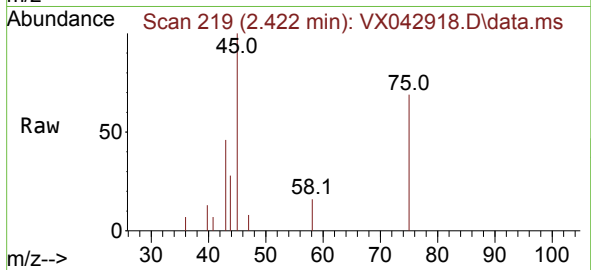




#16
Acetone
Concen: 1.398 ug/l
RT: 2.422 min Scan# 214
Delta R.T. 0.030 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

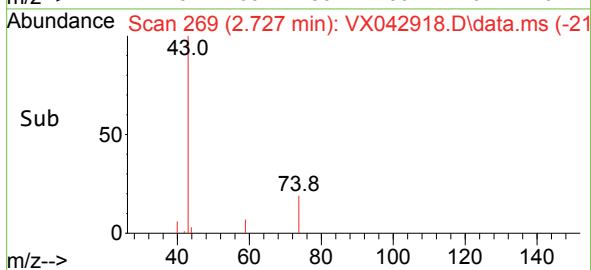
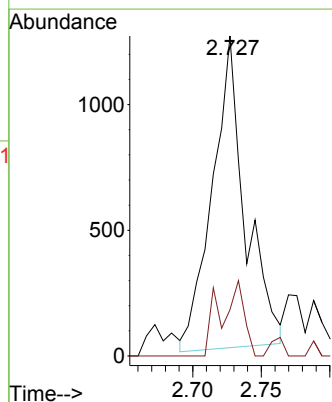
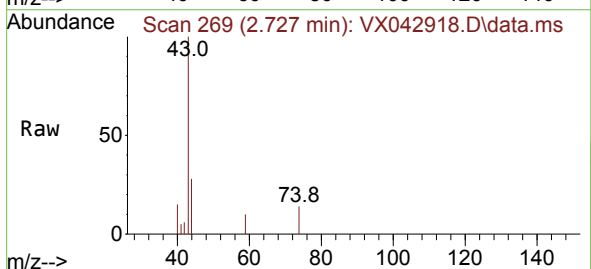
Instrument : MSVOA_X
ClientSampleId : S-864-K2-SO-13.5-14-072024ME

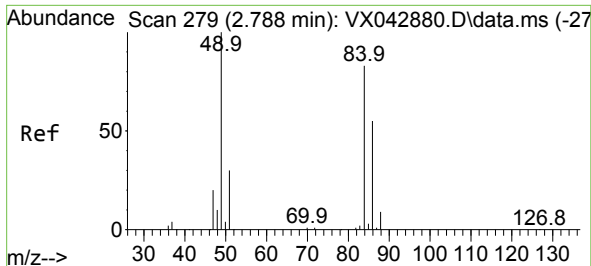
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#



#18
Methyl Acetate
Concen: 0.719 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
74 17.5 17.8 26.8#

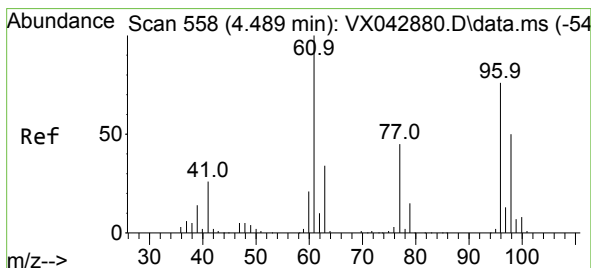
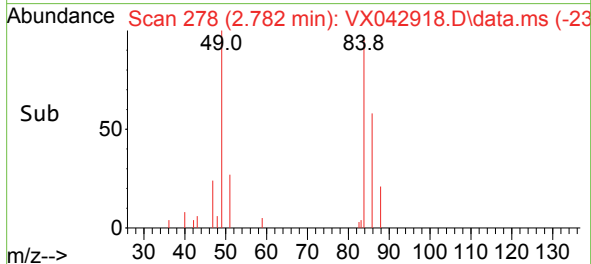
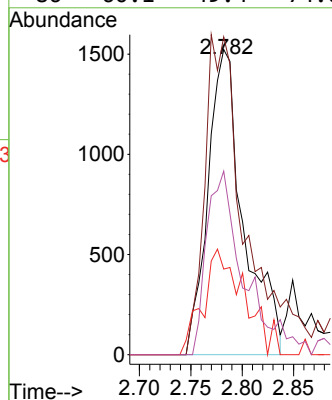
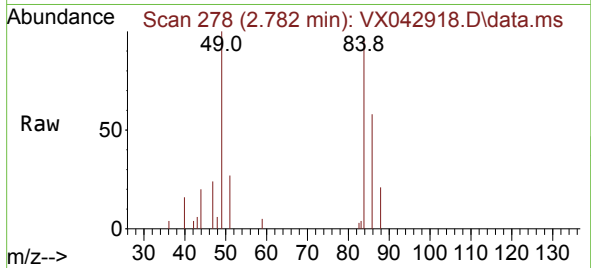




#20
Methylene Chloride
Concen: 1.062 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

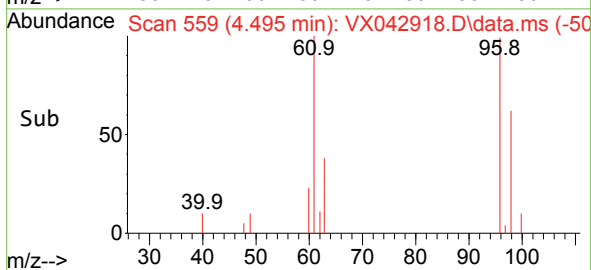
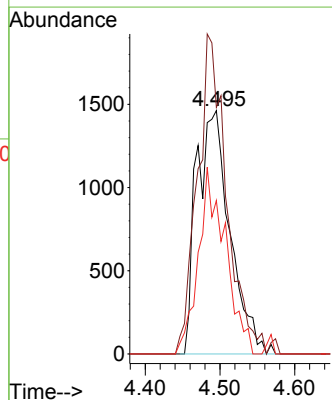
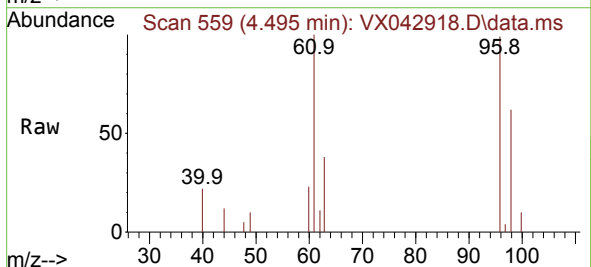
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

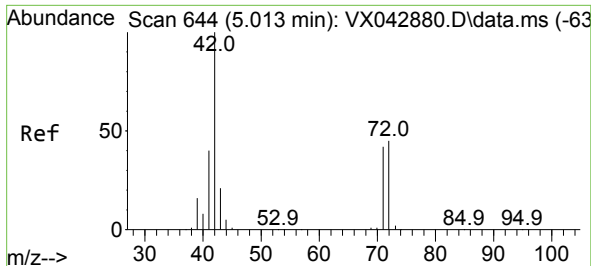
Tgt Ion: 84 Resp: 3680
Ion Ratio Lower Upper
84 100
49 104.1 103.6 155.4
51 28.0 33.8 50.6#
86 60.1 49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 2.287 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 96 Resp: 4562
Ion Ratio Lower Upper
96 100
61 114.2 0.0 312.2
98 61.5 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.080 min Scan# 61

Delta R.T. 0.067 min

Lab File: VX042918.D

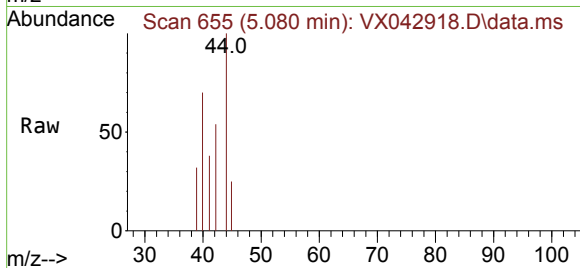
Acq: 07 Aug 2024 16:11

Instrument :

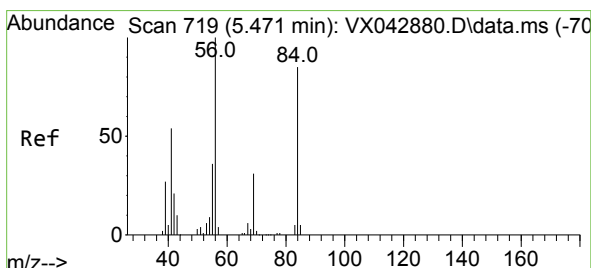
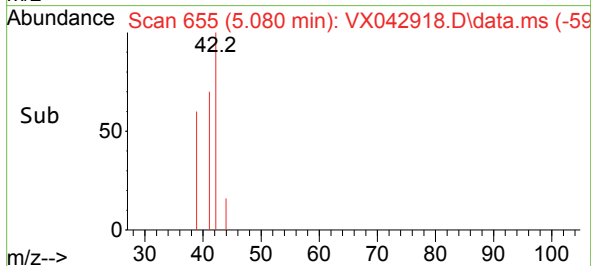
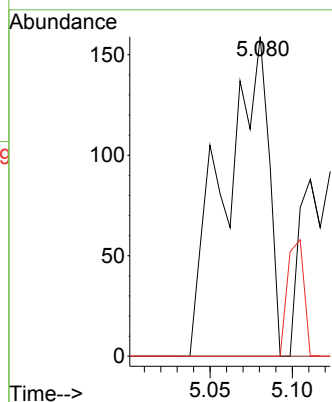
MSVOA_X

ClientSampleId :

S-864-K2-SO-13.5-14-072024ME



Tgt Ion:	42	Resp:	296
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.122 ug/l

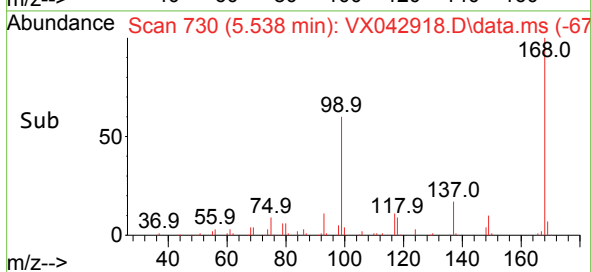
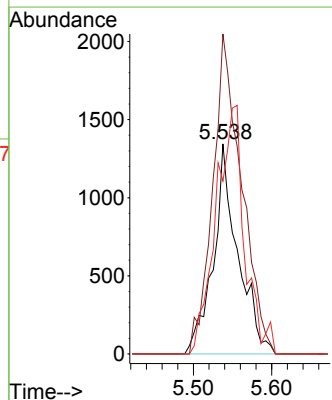
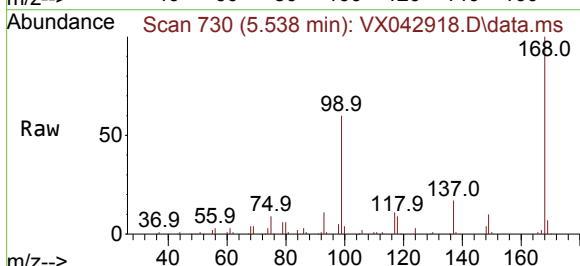
RT: 5.538 min Scan# 730

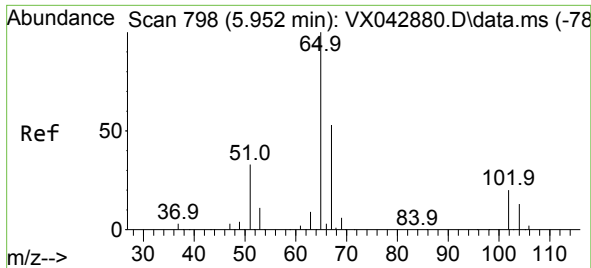
Delta R.T. 0.067 min

Lab File: VX042918.D

Acq: 07 Aug 2024 16:11

Tgt Ion:	56	Resp:	2924
Ion	Ratio	Lower	Upper
56	100		
69	152.3	23.4	35.2#
84	82.2	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 54.397 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042918.D

Acq: 07 Aug 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

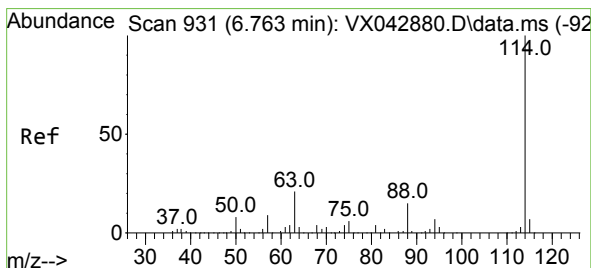
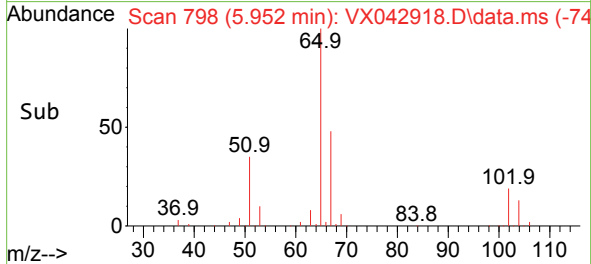
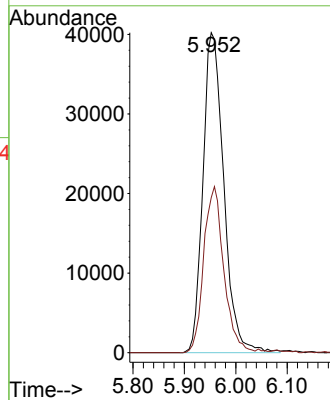
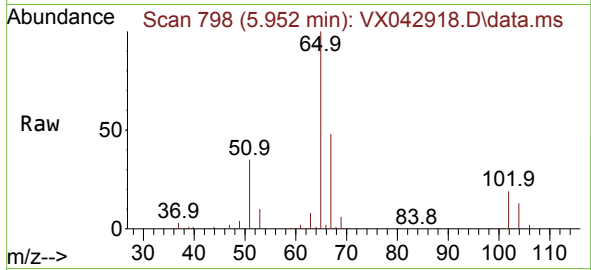
S-864-K2-SO-13.5-14-072024ME

Tgt Ion: 65 Resp: 113291

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042918.D

Acq: 07 Aug 2024 16:11

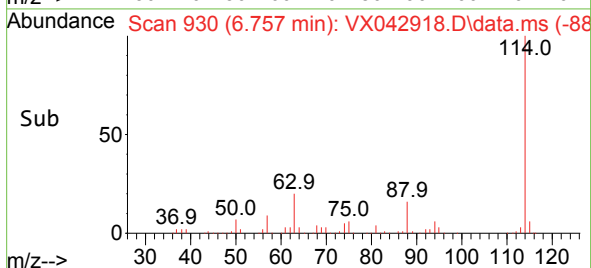
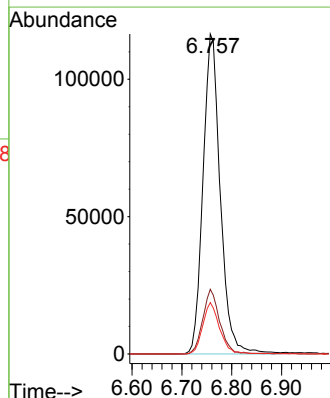
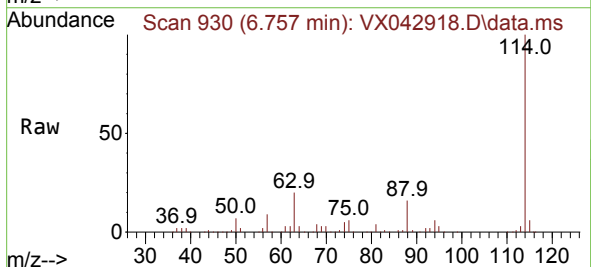
Tgt Ion: 114 Resp: 280222

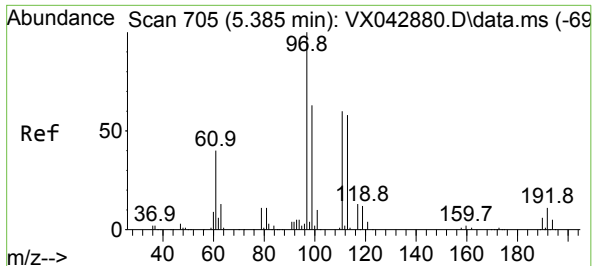
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.1 0.0 36.6

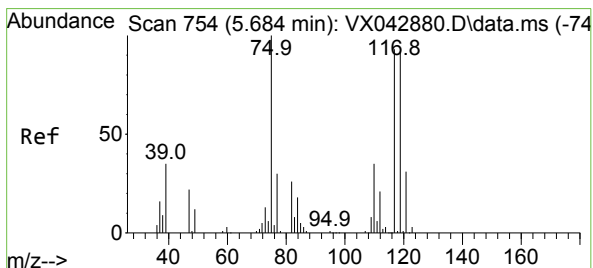
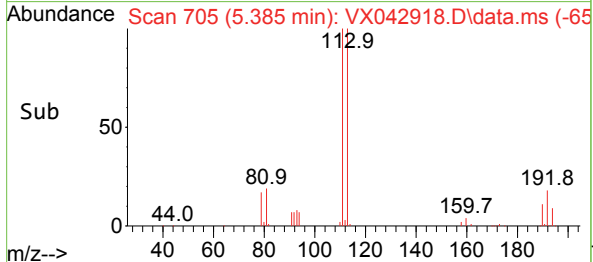
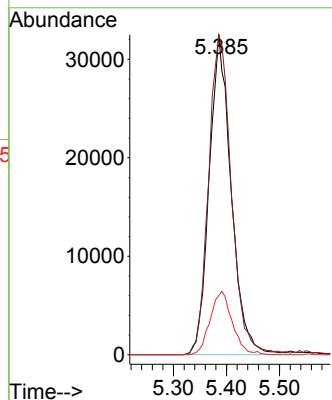
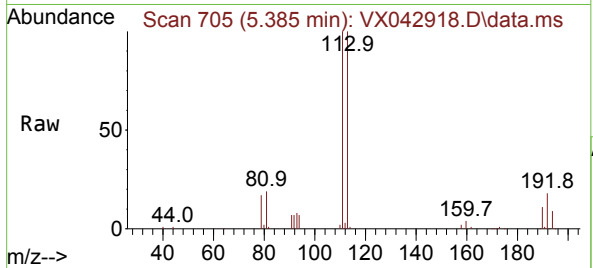




#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

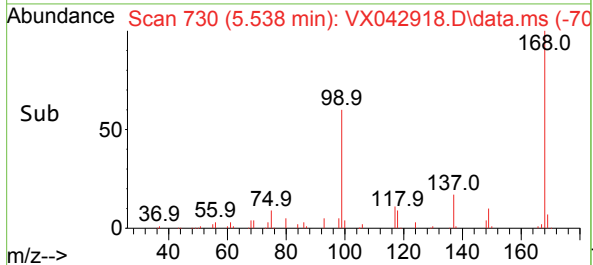
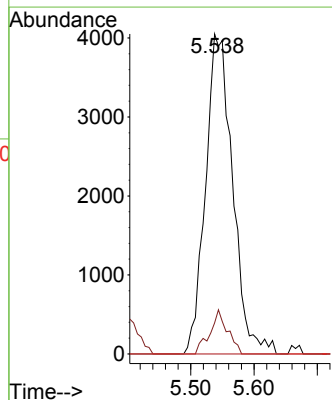
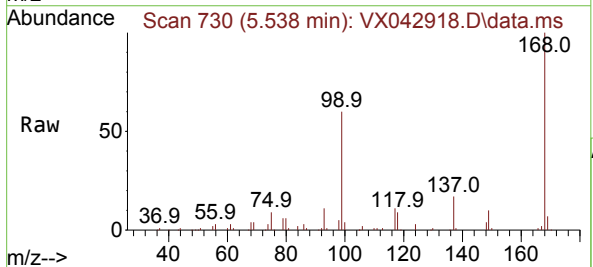
Instrument :
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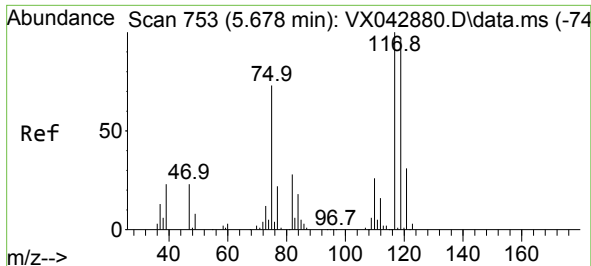
Tgt Ion:113 Resp: 93280
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 20.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

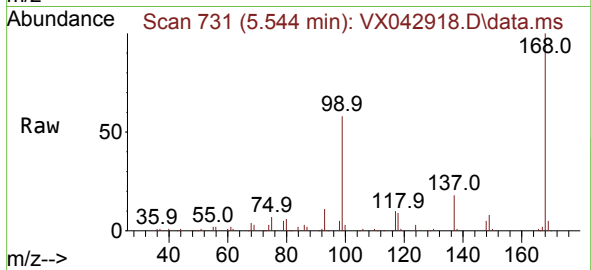
Tgt Ion: 75 Resp: 12058
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



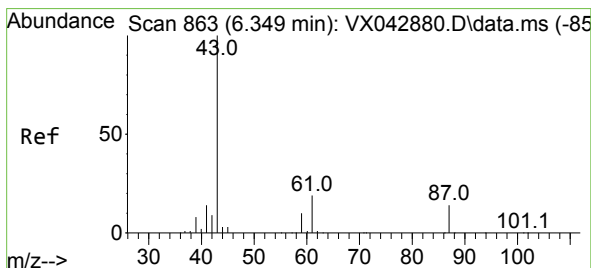
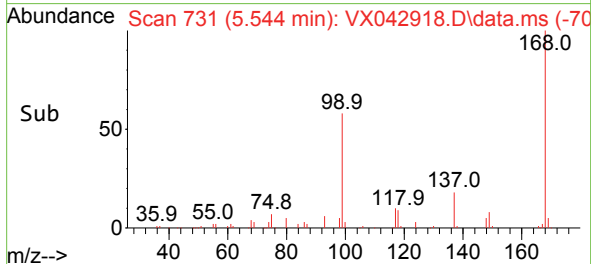
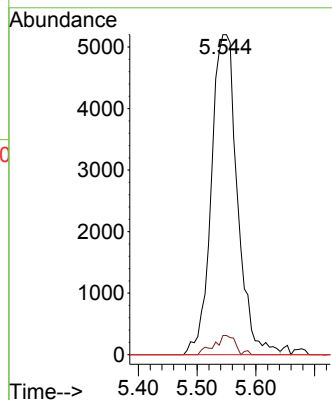


#38
Carbon Tetrachloride
Concen: 5.710 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

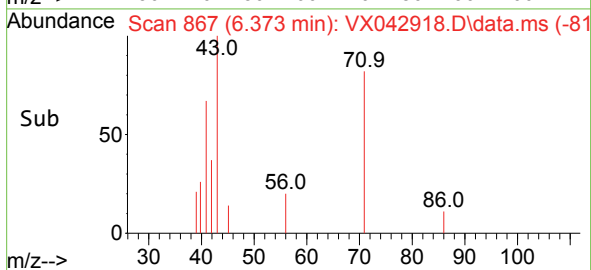
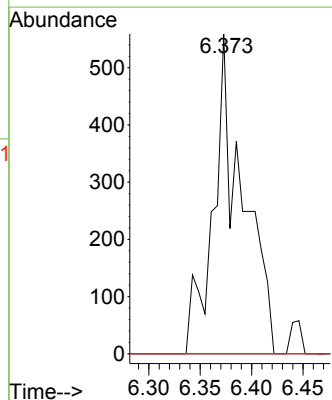
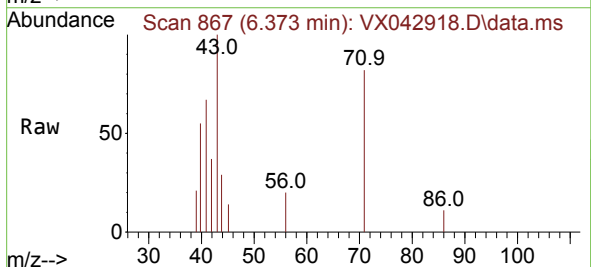


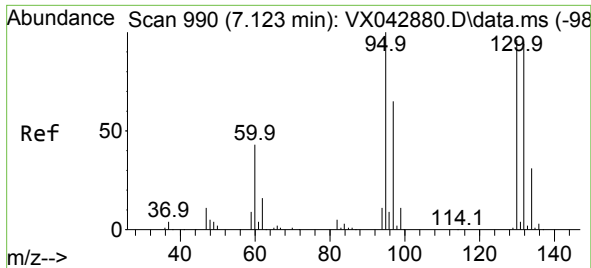
Tgt Ion:117 Resp: 16013
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.241 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.024 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#

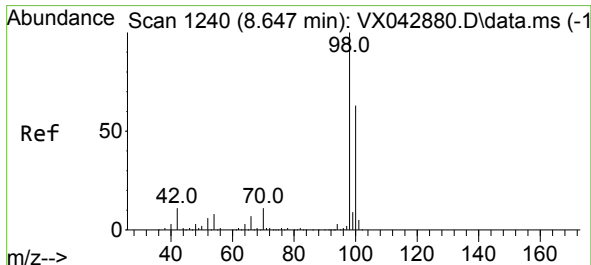
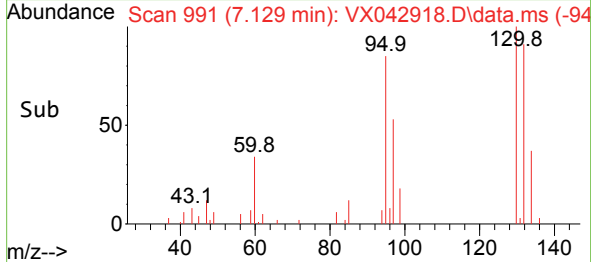
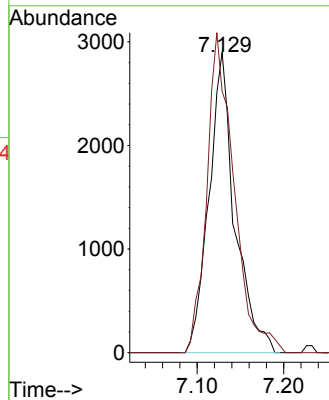
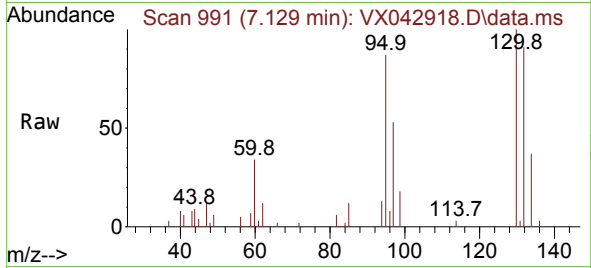




#44
Trichloroethene
Concen: 3.102 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

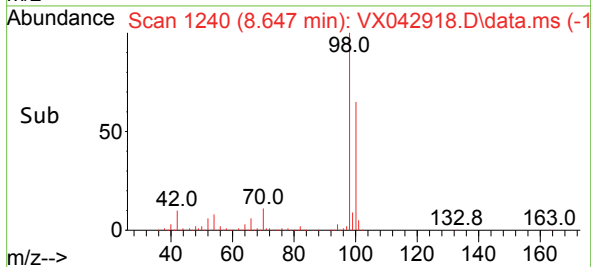
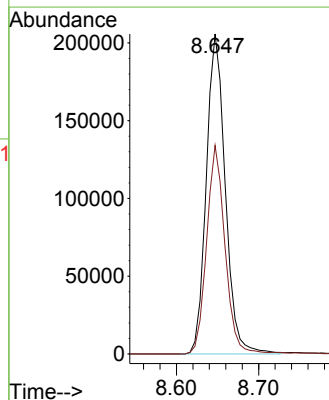
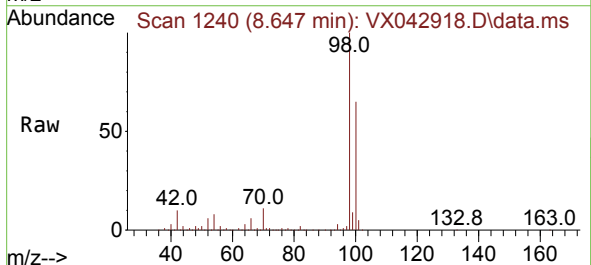
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

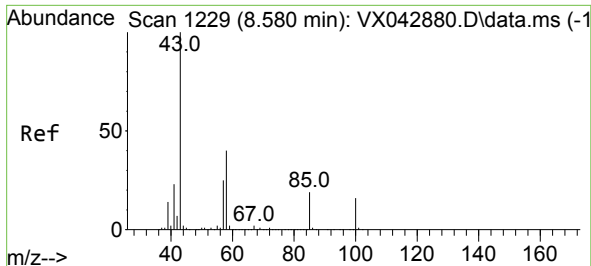
Tgt Ion:130 Resp: 6010
Ion Ratio Lower Upper
130 100
95 87.1 0.0 204.4



#50
Toluene-d8
Concen: 50.737 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 98 Resp: 330015
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

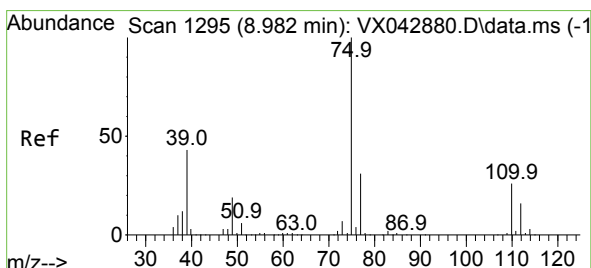
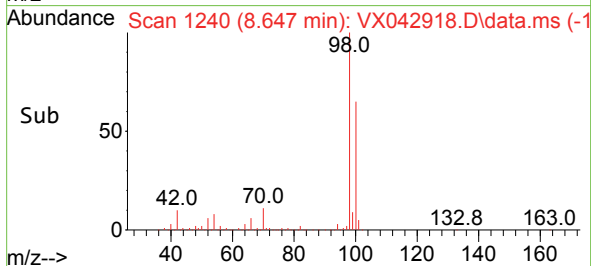
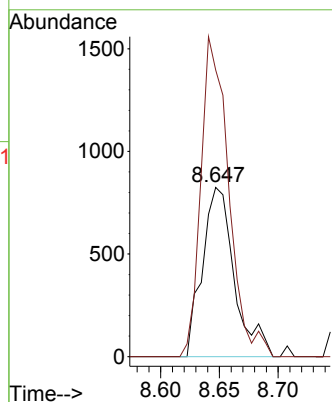
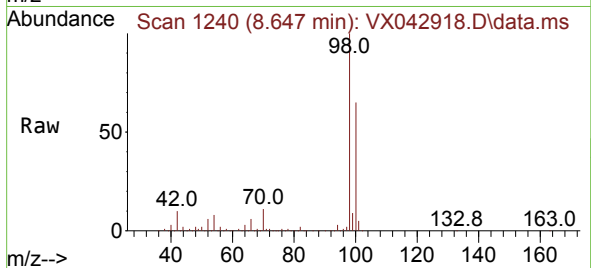




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

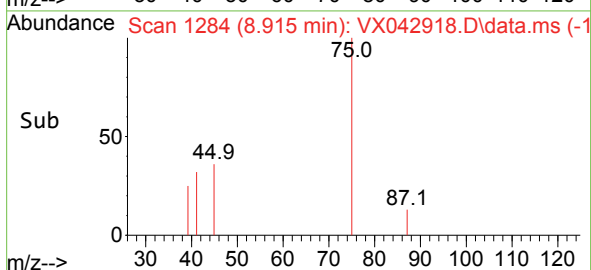
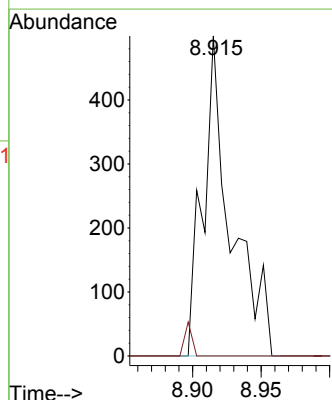
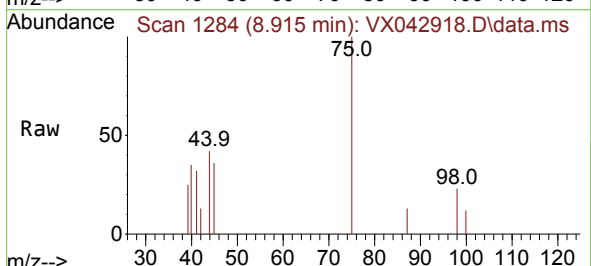
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

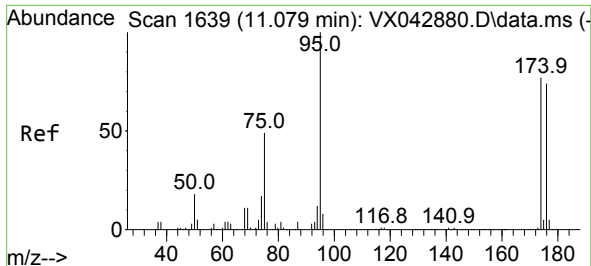
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 164.4 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.288 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.067 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 75 Resp: 711
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

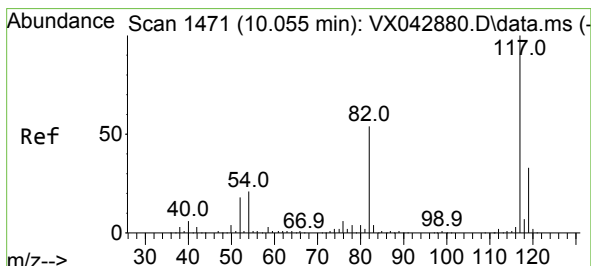
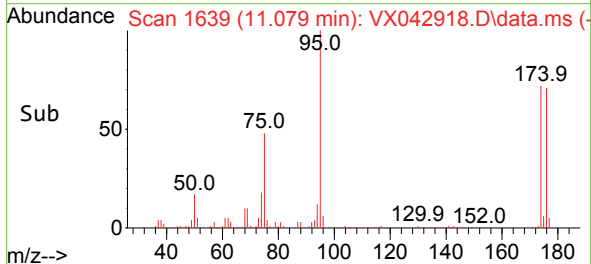
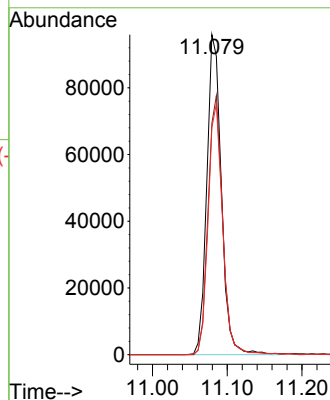
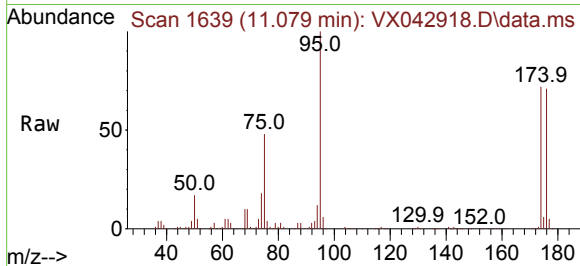




#62
4-Bromofluorobenzene
Concen: 55.458 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

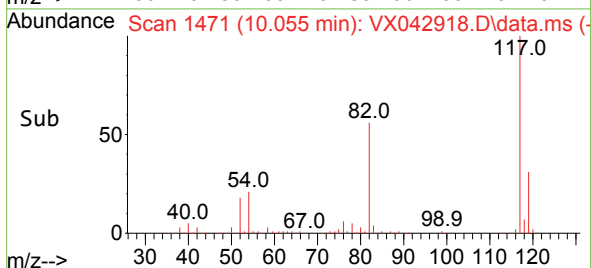
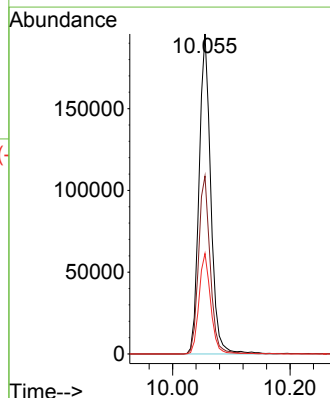
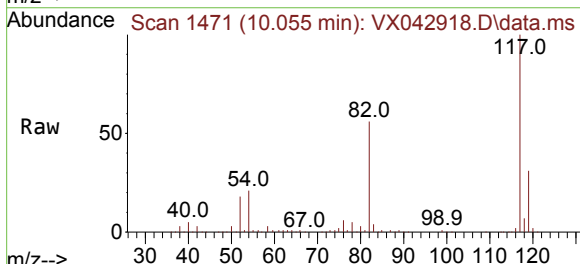
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

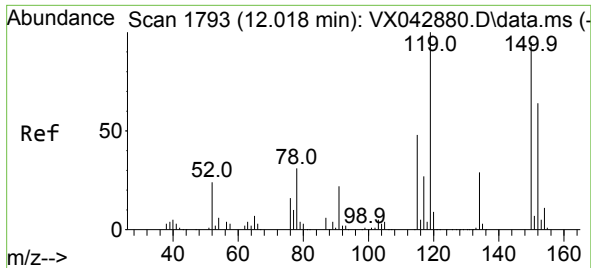
Tgt Ion: 95 Resp: 129626
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 117 Resp: 270332
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.4 25.5 38.3

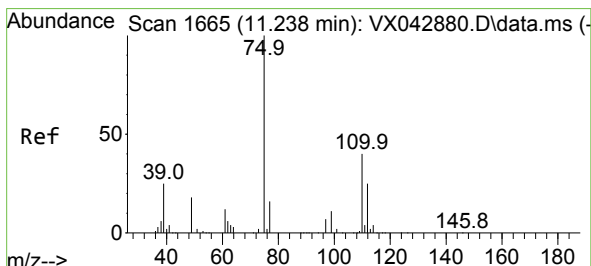
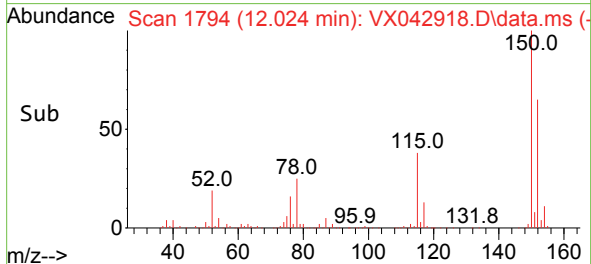
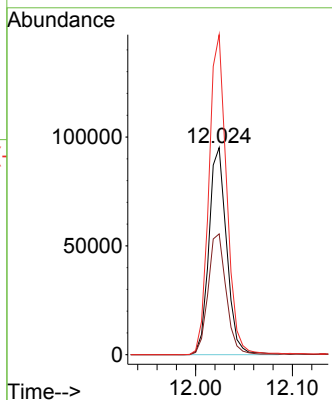
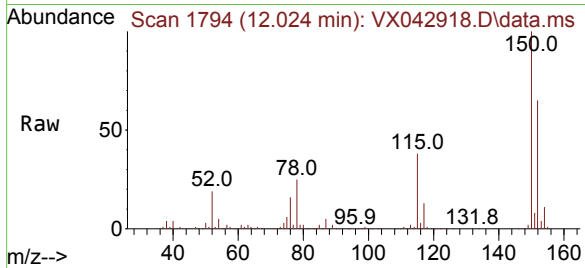




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

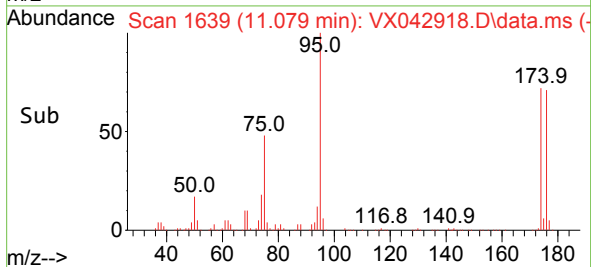
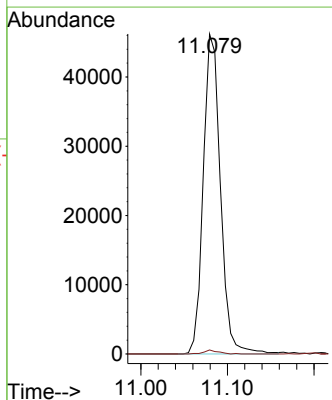
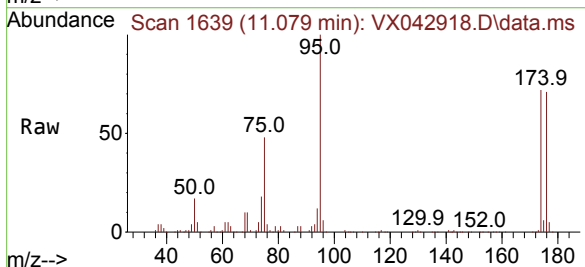
Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

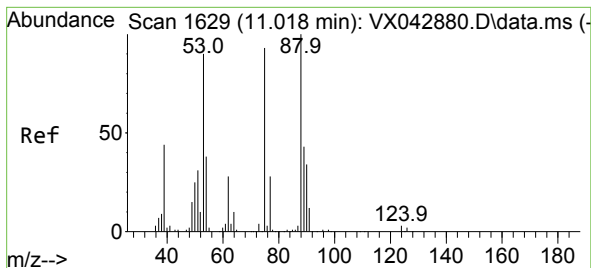
Tgt Ion:152 Resp: 121528
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 154.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 75 Resp: 63669
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

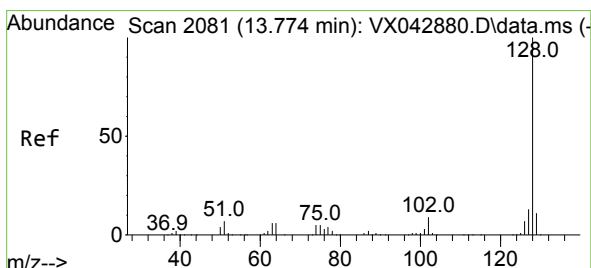
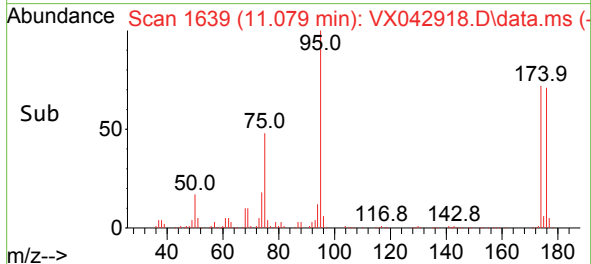
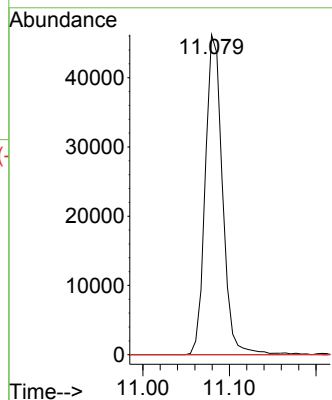
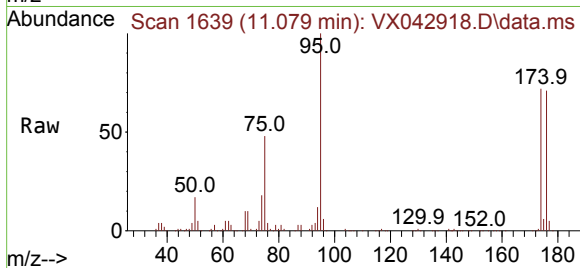




#81
trans-1,4-Dichloro-2-butene
Concen: 75.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :
S-864-K2-SO-13.5-14-072024ME

Tgt Ion: 75 Resp: 63669
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042918.D
Acq: 07 Aug 2024 16:11

Tgt Ion: 128 Resp: 2634
Ion Ratio Lower Upper
128 100
127 18.6 10.3 15.5#
129 13.4 8.8 13.2#

