

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046270.D
 Acq On : 19 May 2025 16:11
 Operator : JC/MD
 Sample : Q2053-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: May 19 23:13:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	59845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61125	54.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.580%			
35) Dibromofluoromethane	5.385	113	44566	51.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	8.647	98	155463	51.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	11.079	95	60870	52.721	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.440%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	3276	20.918	ug/l #	83
16) Acetone	2.385	43	34495	77.111	ug/l	98
18) Methyl Acetate	2.709	43	3432	3.306	ug/l	98
20) Methylene Chloride	2.782	84	11605	13.537	ug/l	87
25) 2-Butanone	4.580	43	9562	14.723	ug/l	97
40) Benzene	6.037	78	26683	7.796	ug/l	99
43) Isopropyl Acetate	6.348	43	14096	6.400	ug/l	98
52) Toluene	8.714	92	20405	9.723	ug/l	98
67) Ethyl Benzene	10.195	91	5181	1.170	ug/l	97
68) m/p-Xylenes	10.299	106	7731	4.773	ug/l	93
69) o-Xylene	10.640	106	6352	4.023	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	12543m	3.650	ug/l	
95) Naphthalene	13.774	128	176351	48.476	ug/l	99

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

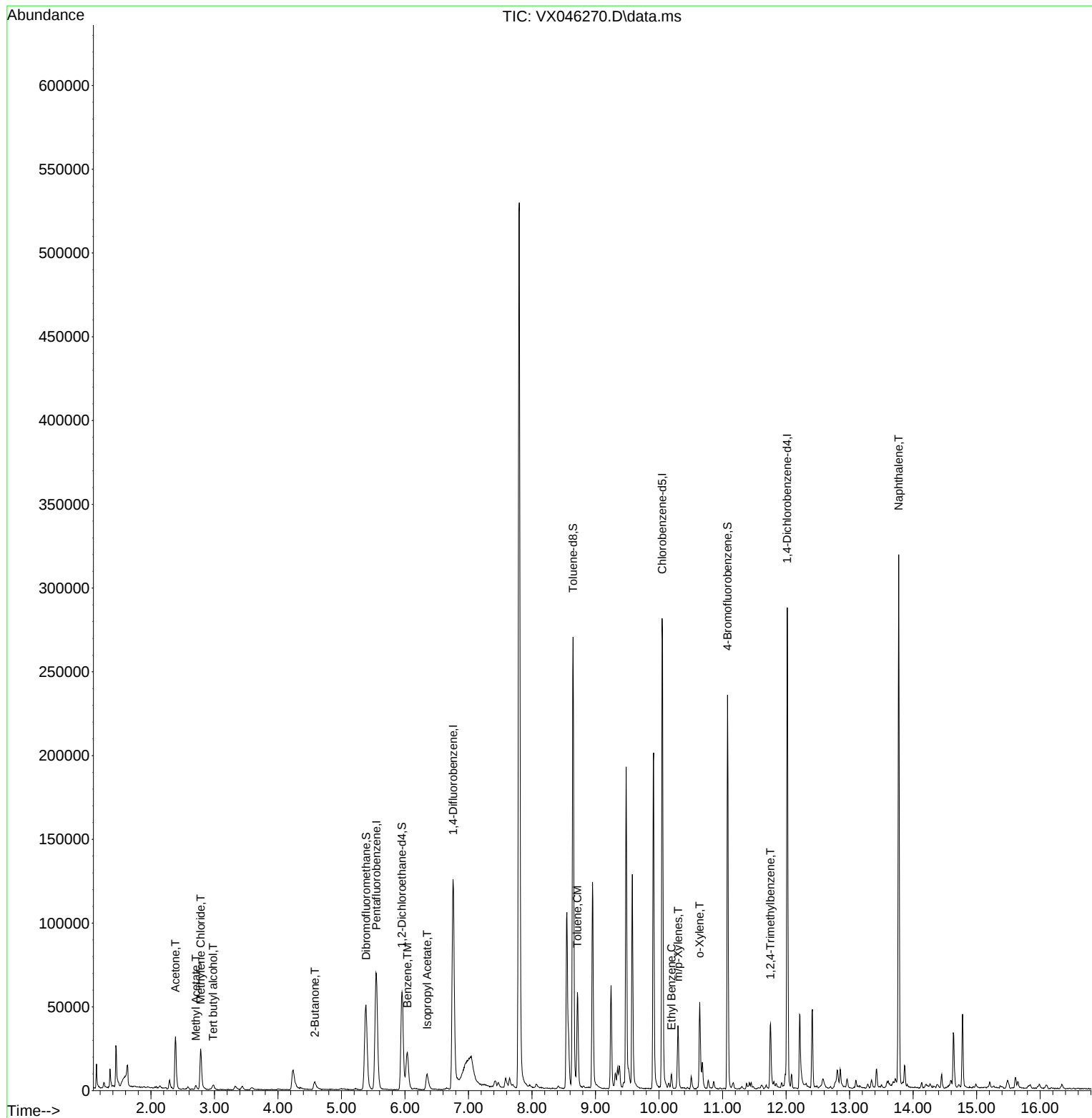
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046270.D
Acq On : 19 May 2025 16:11
Operator : JC/MD
Sample : Q2053-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

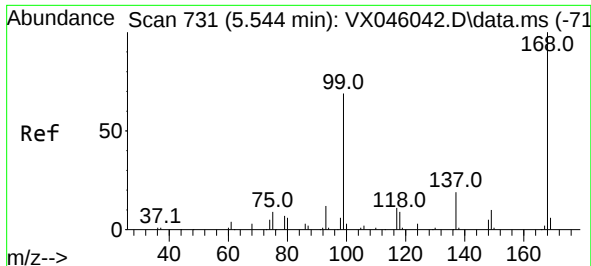
Instrument :
MSVOA_X
ClientSampleId :
SB-1

Quant Time: May 19 23:13:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/21/2025
Supervised By : Mahesh Dadoda 05/21/2025





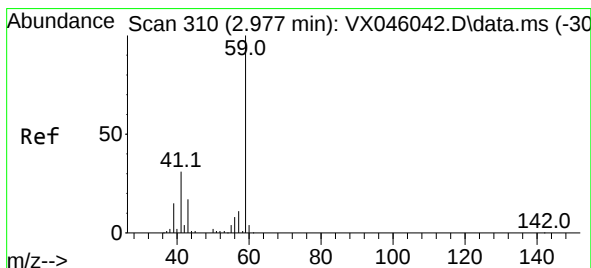
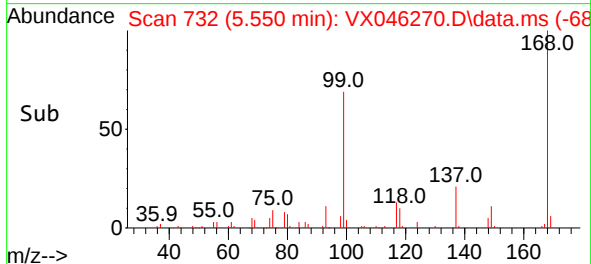
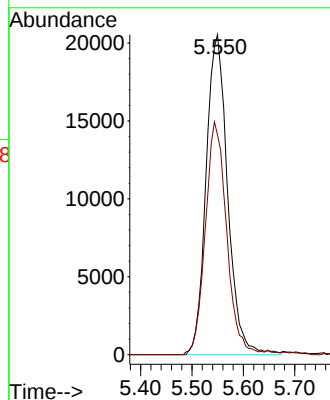
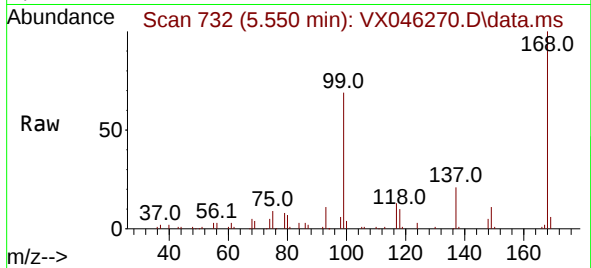
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Tgt Ion:168 Resp: 5984
Ion Ratio Lower Upper
168 100
99 68.7 54.9 82.3

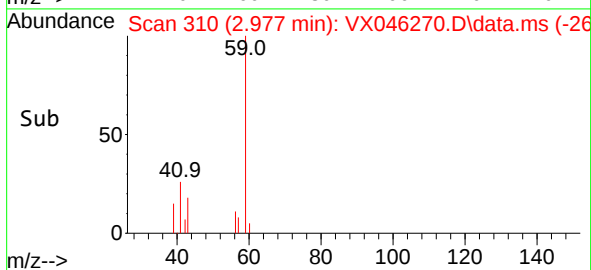
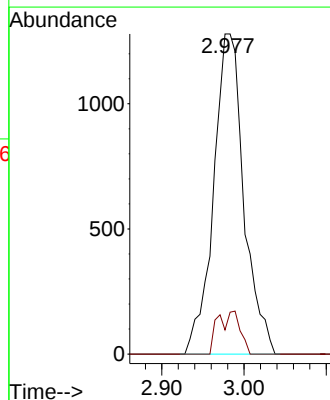
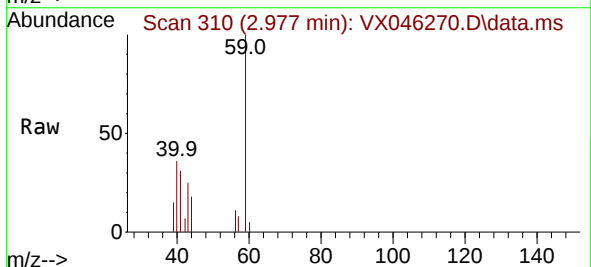
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 20.918 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

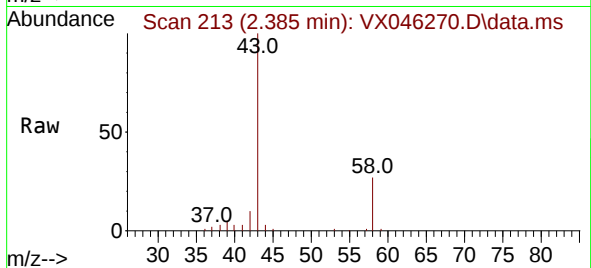
Tgt Ion: 59 Resp: 3276
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#





#16
Acetone
Concen: 77.111 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

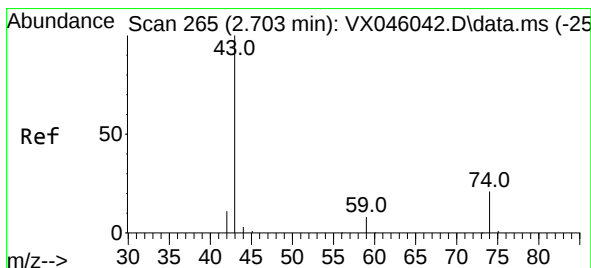
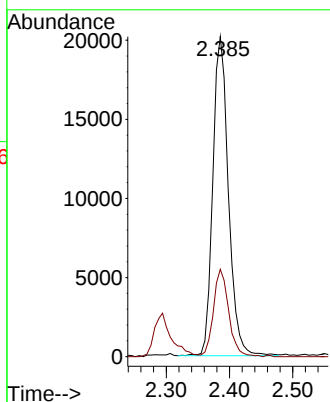
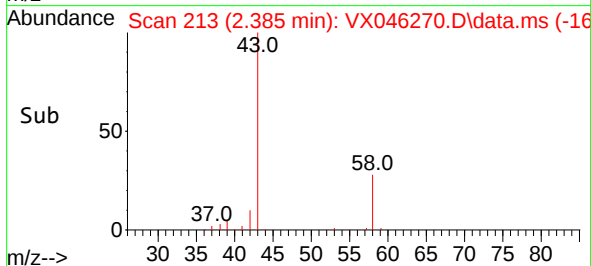
Instrument :
MSVOA_X
ClientSampleId :
SB-1



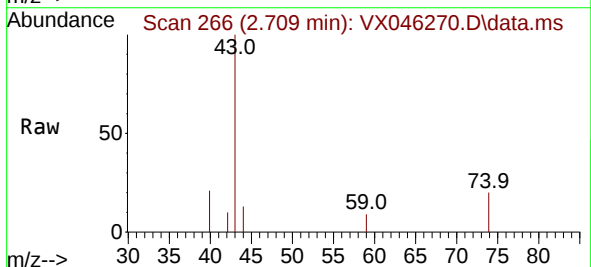
Tgt Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
58 27.4 21.2 31.8

Manual Integrations
APPROVED

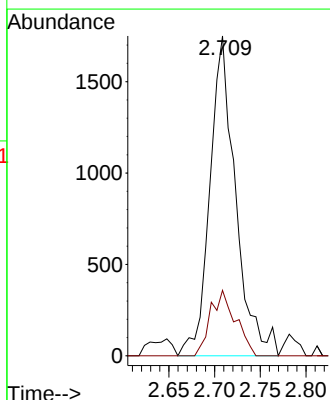
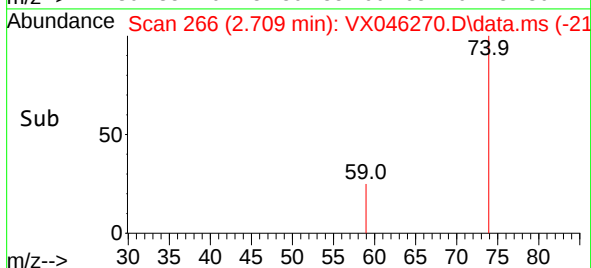
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

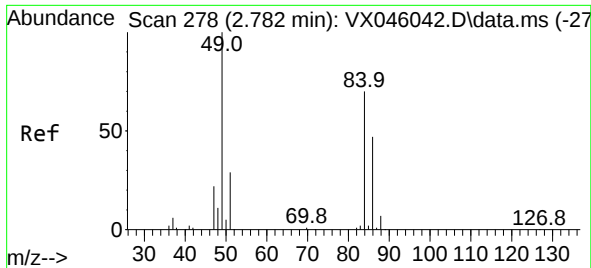


#18
Methyl Acetate
Concen: 3.306 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11



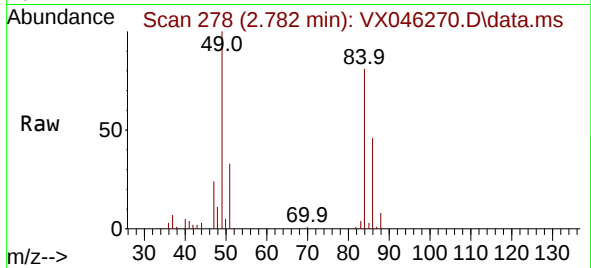
Tgt Ion: 43 Resp: 3432
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1





#20
Methylene Chloride
Concen: 13.537 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

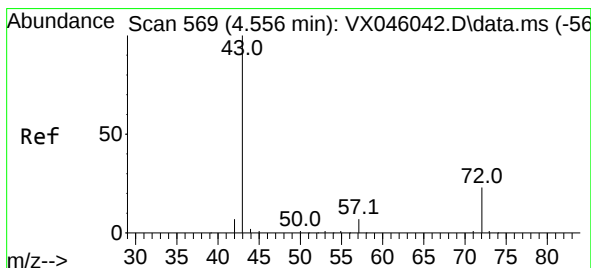
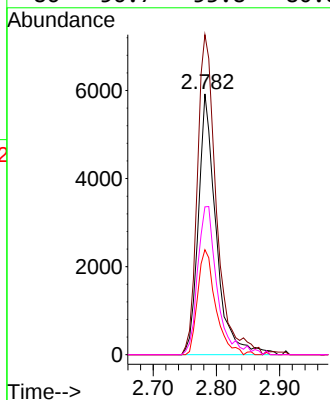
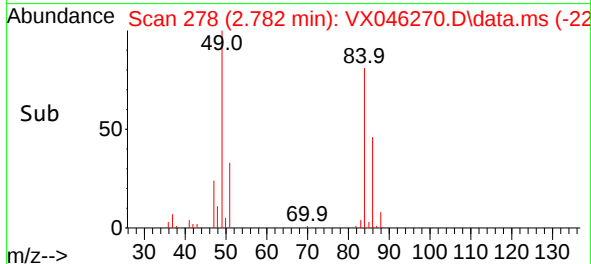
Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion: 84 Resp: 1160
Ion Ratio Lower Upper
84 100
49 122.7 113.9 170.9
51 40.2 33.5 50.3
86 56.7 53.8 80.8

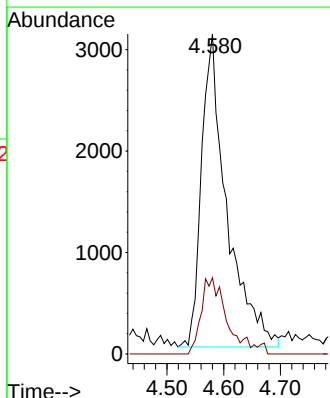
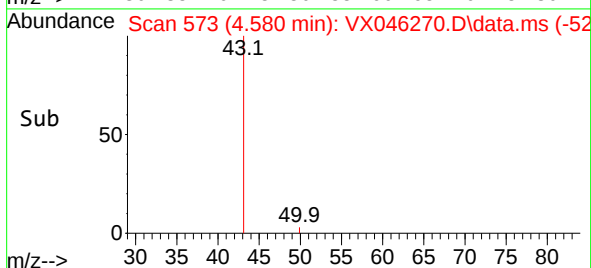
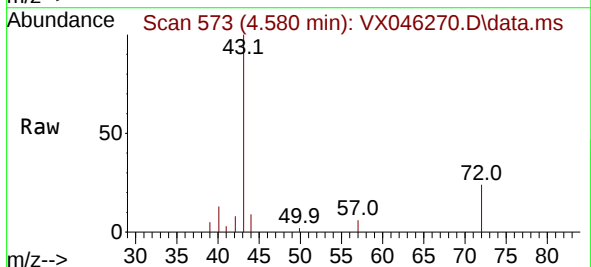
Manual Integrations
APPROVED

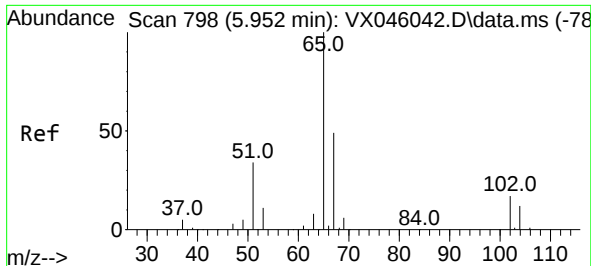
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#25
2-Butanone
Concen: 14.723 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Tgt Ion: 43 Resp: 9562
Ion Ratio Lower Upper
43 100
72 24.3 18.4 27.6





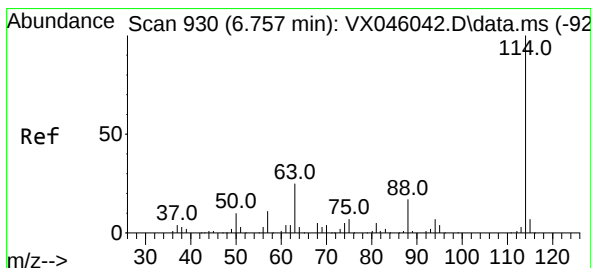
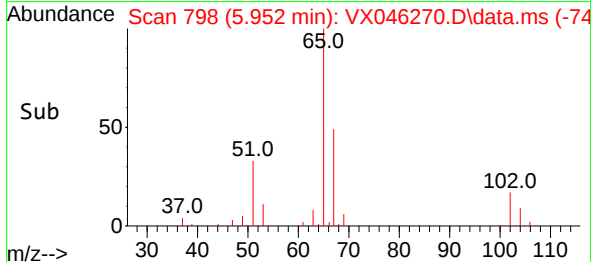
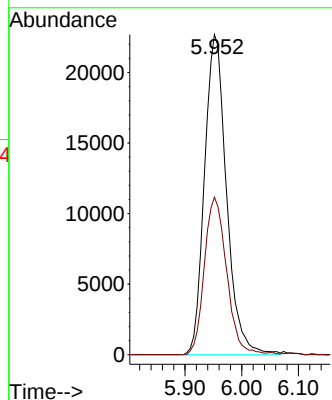
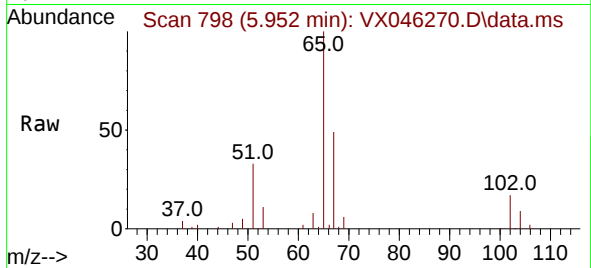
#33
1,2-Dichloroethane-d4
Concen: 54.786 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Tgt Ion: 65 Resp: 6112
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

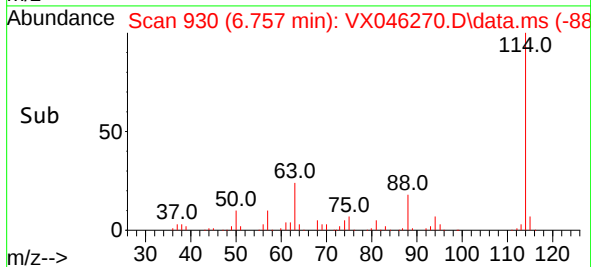
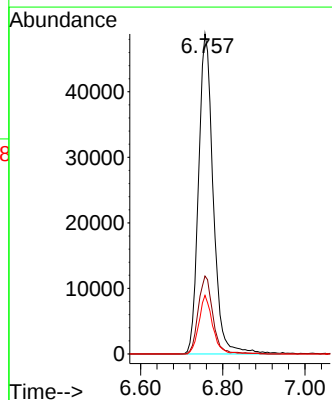
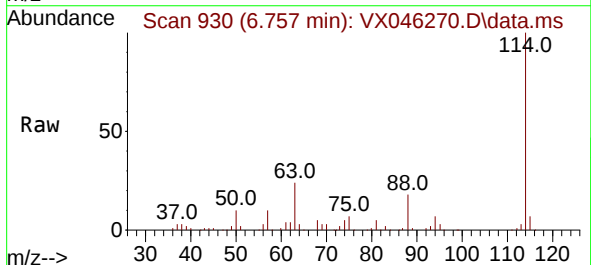
Manual Integrations
APPROVED

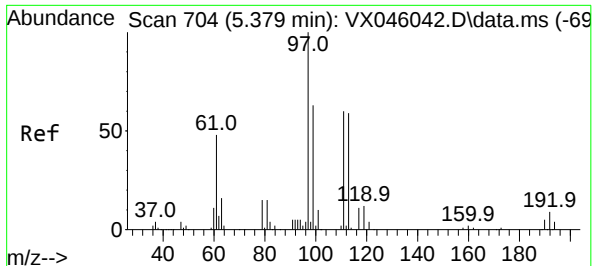
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

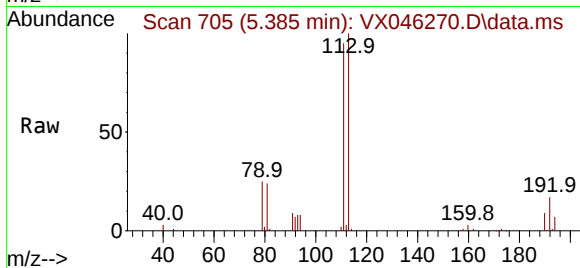
Tgt Ion:114 Resp: 120766
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 18.3 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.246 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

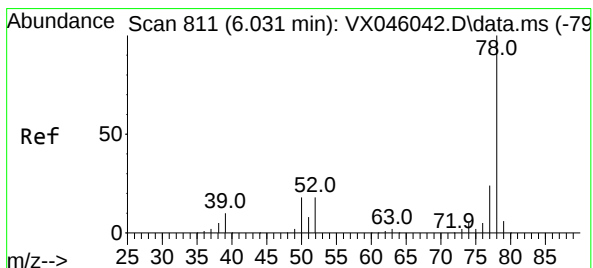
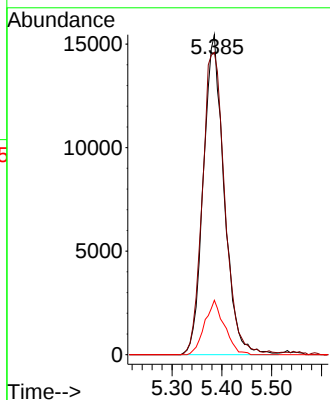
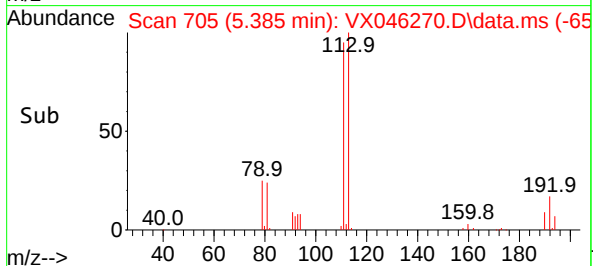
Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion:113 Resp: 44560
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.3 13.3 19.9

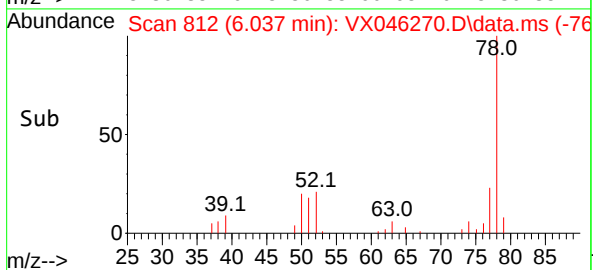
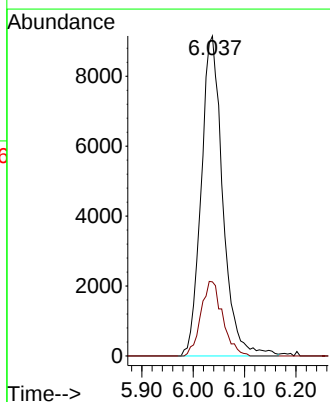
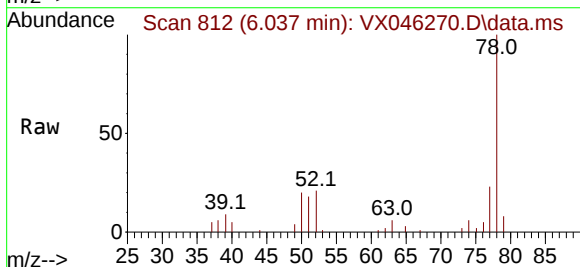
Manual Integrations
APPROVED

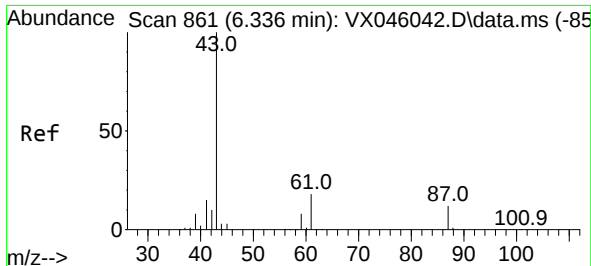
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 7.796 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

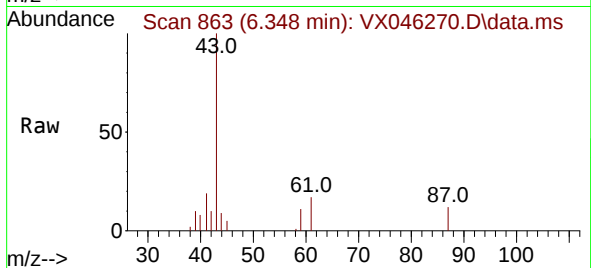
Tgt Ion: 78 Resp: 26683
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#43
Isopropyl Acetate
Concen: 6.400 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

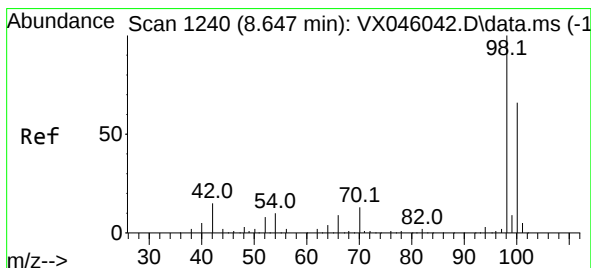
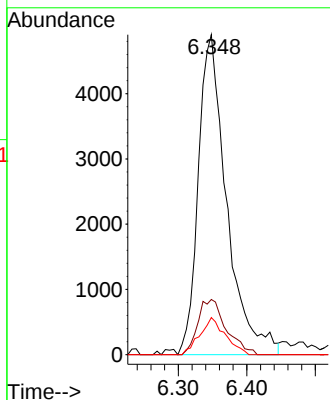
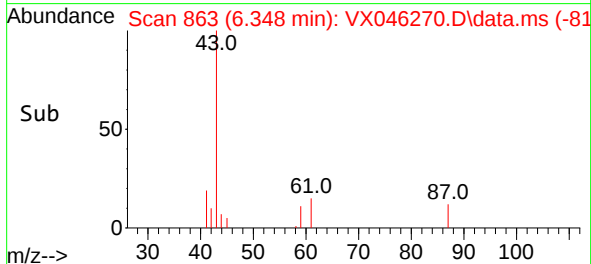
Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion: 43 Resp: 14090
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 10.4 9.5 14.3

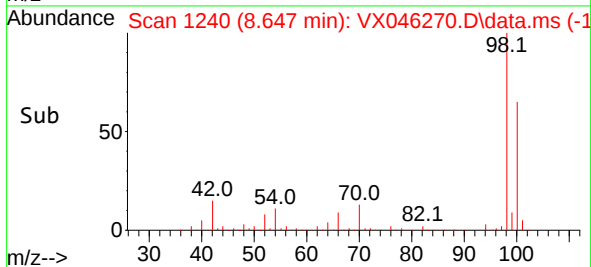
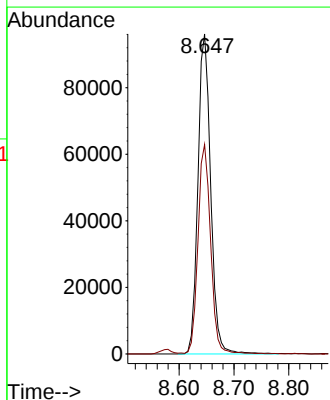
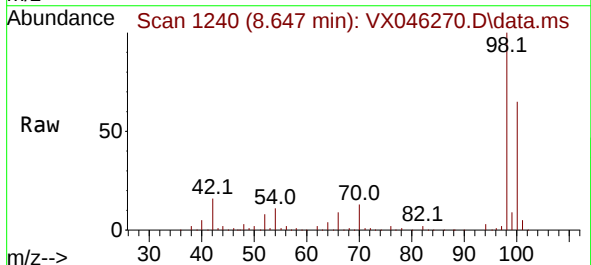
Manual Integrations
APPROVED

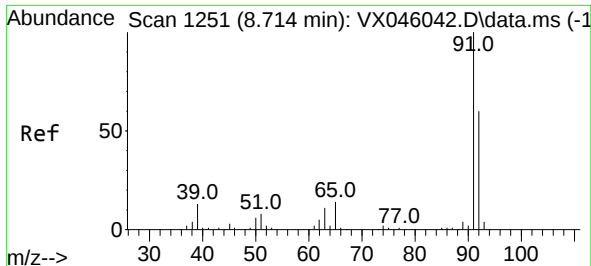
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 51.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

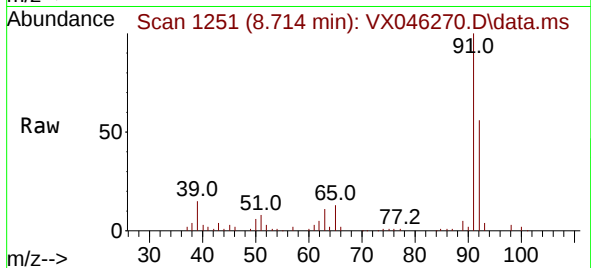
Tgt Ion: 98 Resp: 155463
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3





#52
Toluene
Concen: 9.723 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

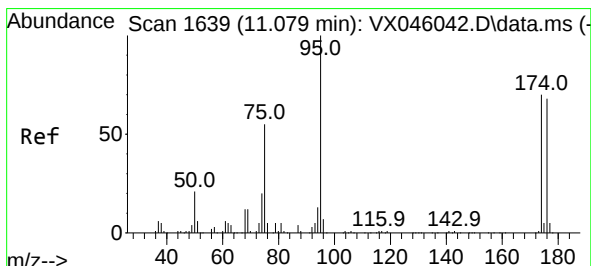
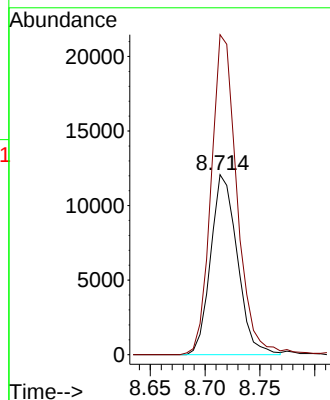
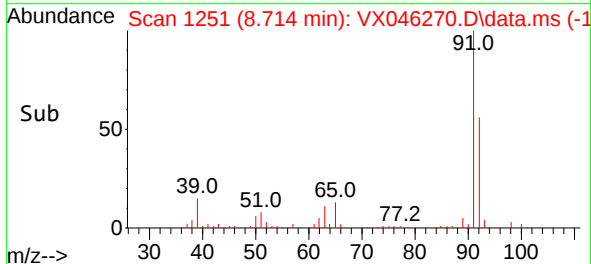
Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion: 92 Resp: 2040
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0

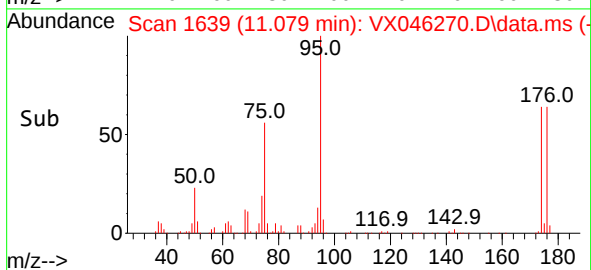
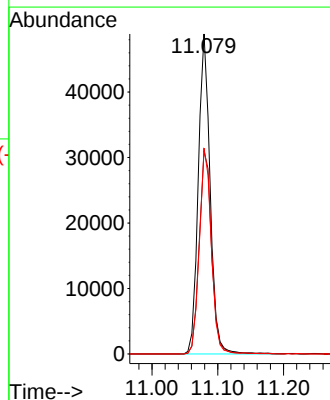
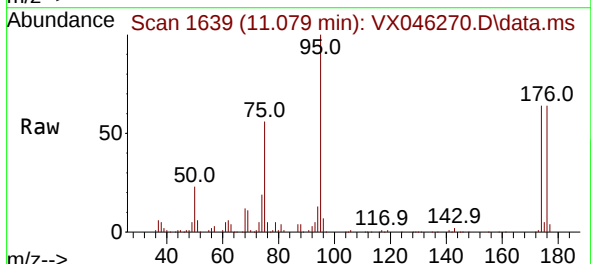
Manual Integrations
APPROVED

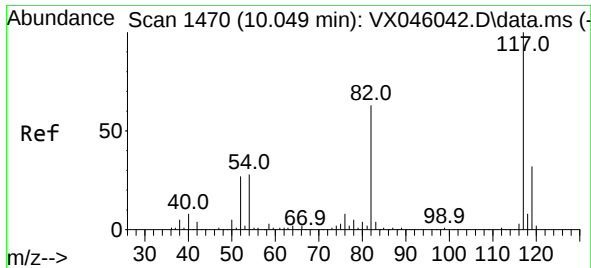
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 52.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

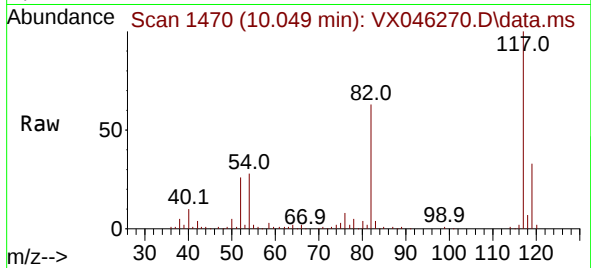
Tgt Ion: 95 Resp: 60870
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

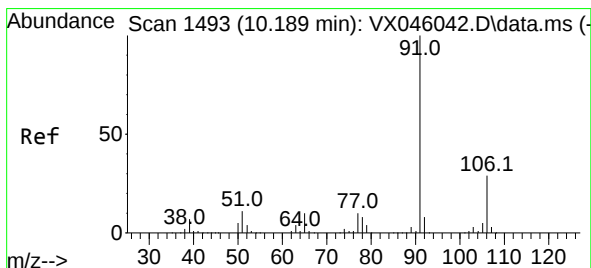
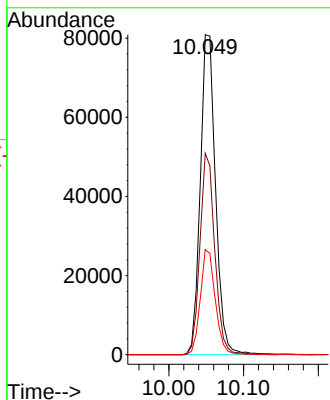
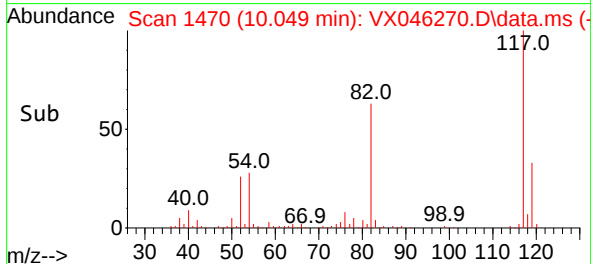
Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion:117 Resp: 114775
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 32.9 25.8 38.6

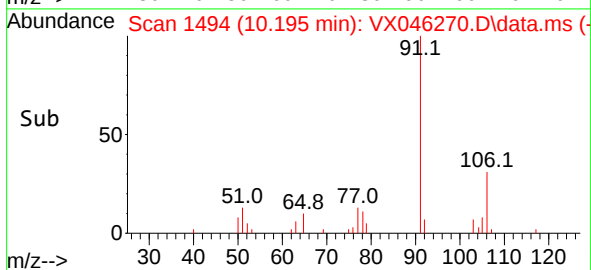
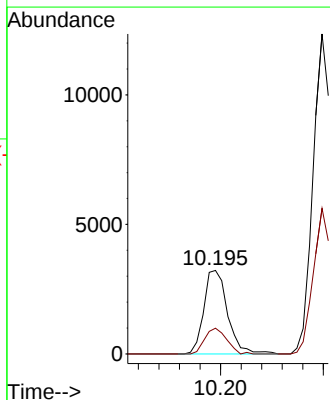
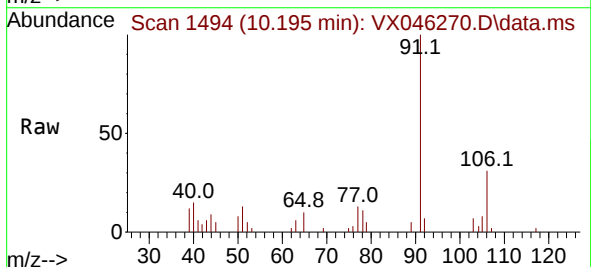
Manual Integrations
APPROVED

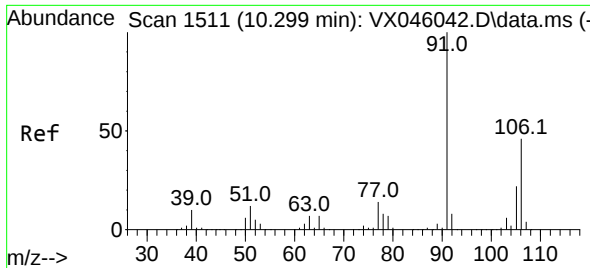
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#67
Ethyl Benzene
Concen: 1.170 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Tgt Ion: 91 Resp: 5181
Ion Ratio Lower Upper
91 100
106 30.8 23.4 35.2





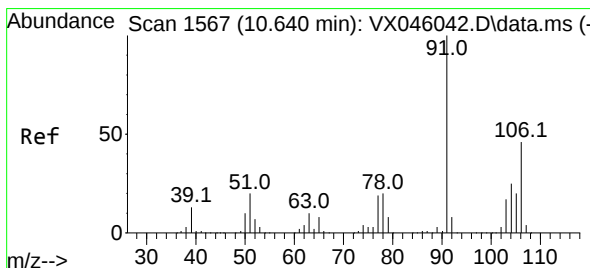
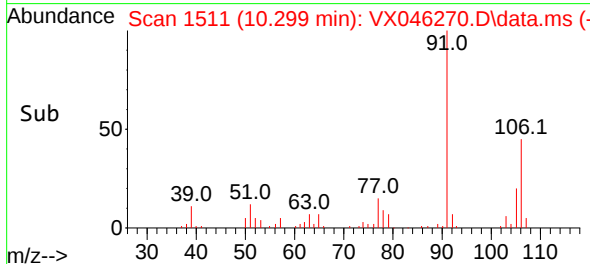
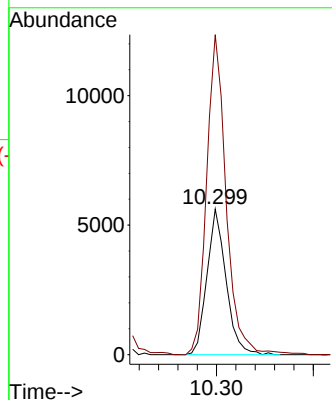
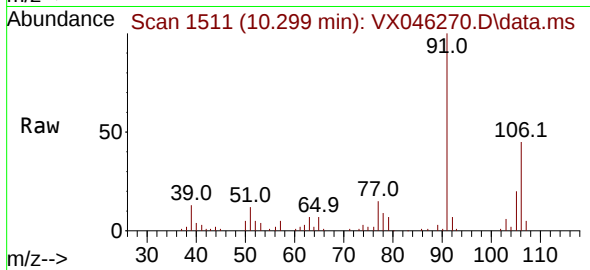
#68
m/p-Xylenes
Concen: 4.773 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Tgt Ion:106 Resp: 773
Ion Ratio Lower Upper
106 100
91 224.7 171.2 256.8

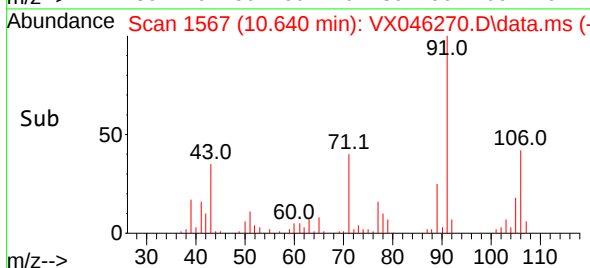
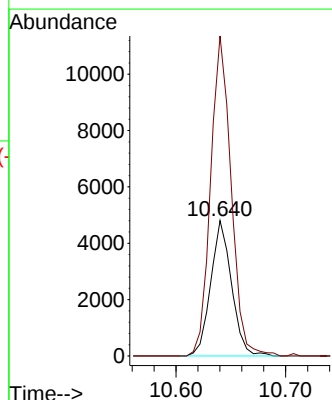
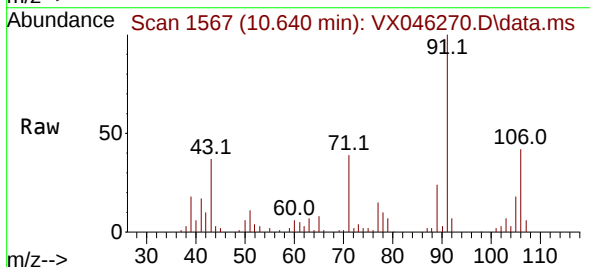
Manual Integrations
APPROVED

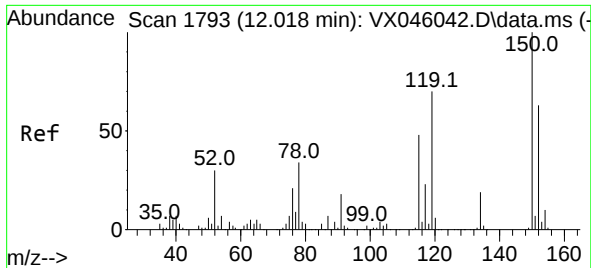
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#69
o-Xylene
Concen: 4.023 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

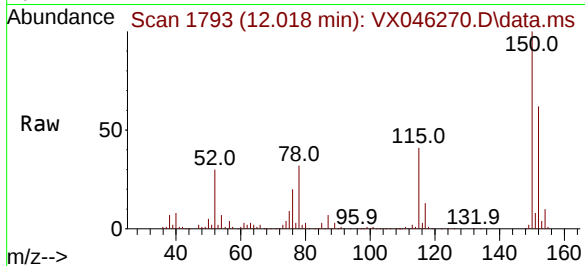
Tgt Ion:106 Resp: 6352
Ion Ratio Lower Upper
106 100
91 232.6 112.7 338.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046270.D
 Acq: 19 May 2025 16:11

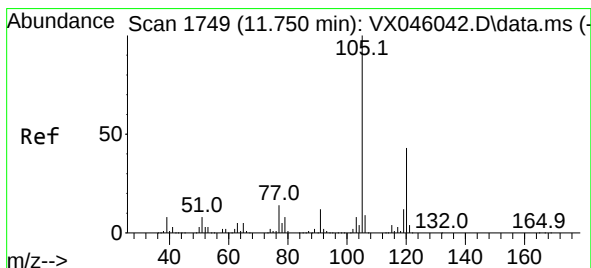
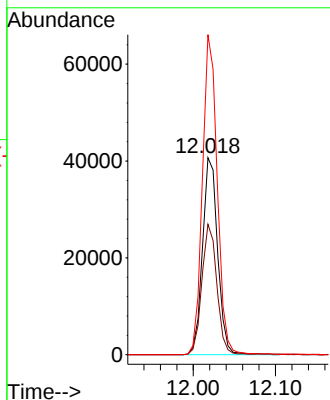
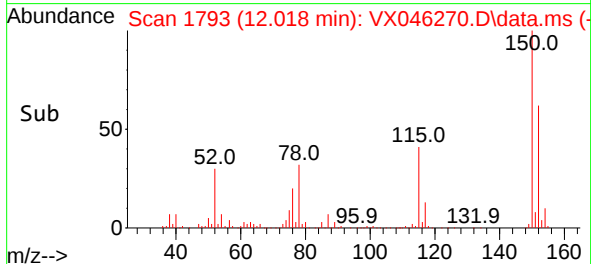
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1



Tgt Ion:152 Resp: 5217
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 158.7 0.0 351.0

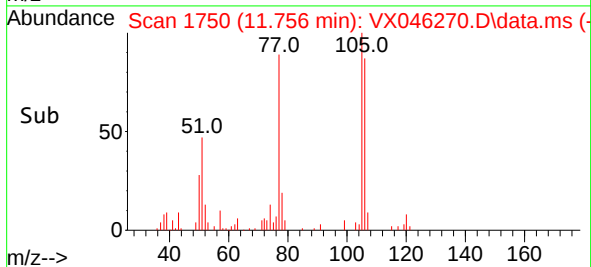
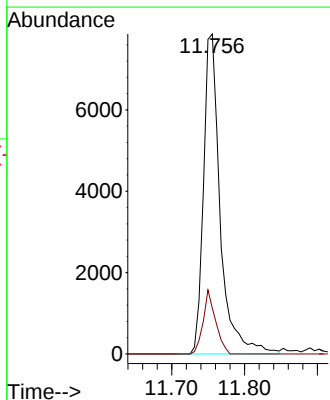
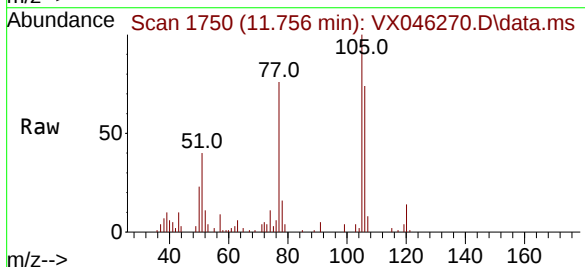
Manual Integrations
 APPROVED

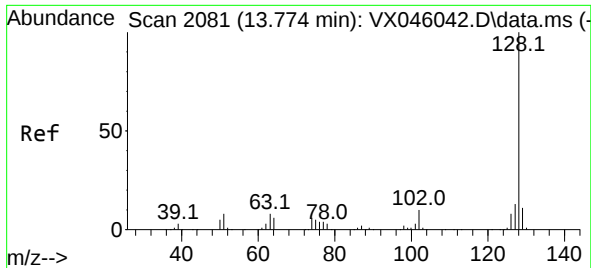
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 3.650 ug/l m
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX046270.D
 Acq: 19 May 2025 16:11

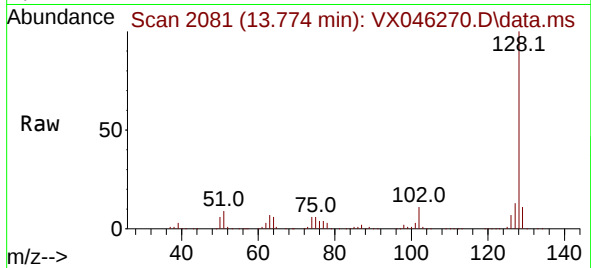
Tgt Ion:105 Resp: 12543
 Ion Ratio Lower Upper
 105 100
 120 2.7 21.2 63.6#





#95
Naphthalene
Concen: 48.476 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046270.D
Acq: 19 May 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
SB-1



Tgt Ion:128 Resp: 17635
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

