

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045929.D
 Acq On : 24 Apr 2025 15:56
 Operator : JC/MD
 Sample : Q1855-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2001

Quant Time: Apr 25 02:27:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2025
 Supervised By : Mahesh Dadoda 04/25/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	63160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63584	55.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.100%			
35) Dibromofluoromethane	5.379	113	46325	51.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.647	98	160661	51.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.079	95	57296	50.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.120%			
Target Compounds						
16) Acetone	2.380	43	24662	51.998	ug/l	96
18) Methyl Acetate	2.709	43	2501	2.290	ug/l #	89
20) Methylene Chloride	2.788	84	5283	5.950	ug/l	98
25) 2-Butanone	4.586	43	4038m	5.816	ug/l	
40) Benzene	6.037	78	7331	1.975	ug/l	98
43) Isopropyl Acetate	6.342	43	13429	5.785	ug/l	98
52) Toluene	8.720	92	5226	2.327	ug/l	97
68) m/p-Xylenes	10.305	106	1766	1.077	ug/l	99
95) Naphthalene	13.774	128	65242	20.200	ug/l	99

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

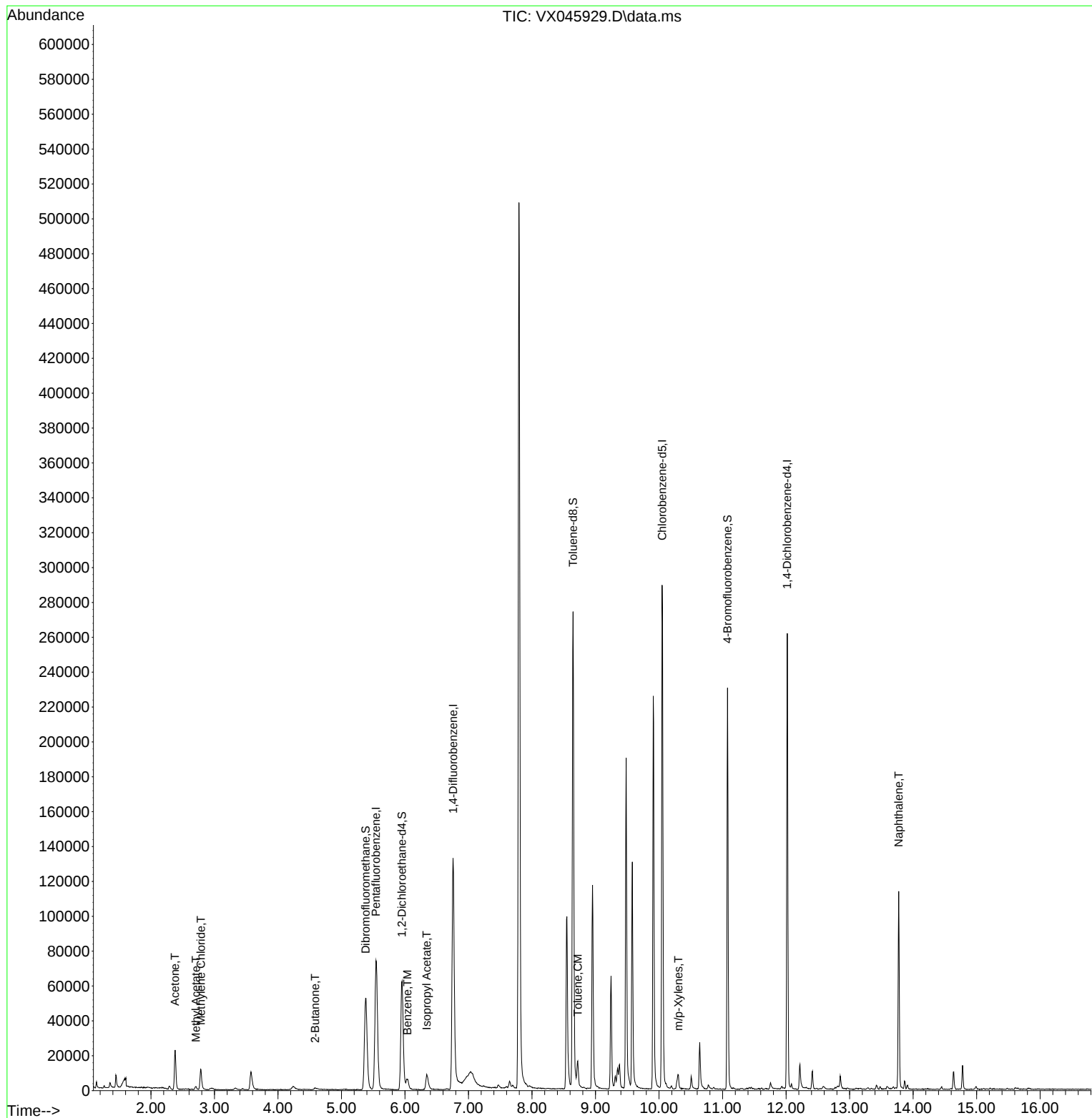
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
Data File : VX045929.D
Acq On : 24 Apr 2025 15:56
Operator : JC/MD
Sample : Q1855-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2001

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/25/2025
Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 25 02:27:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





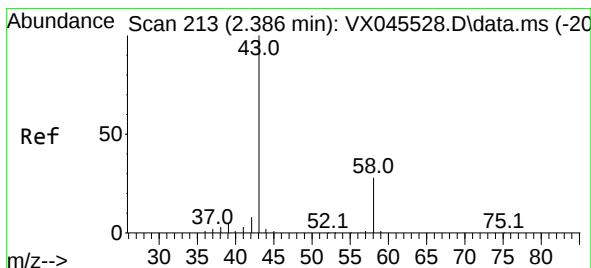
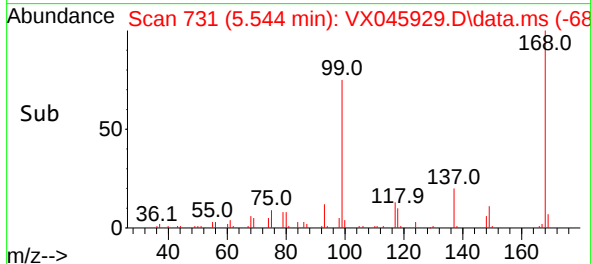
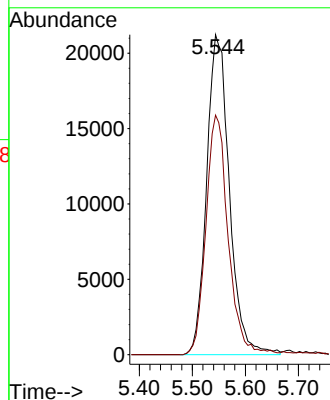
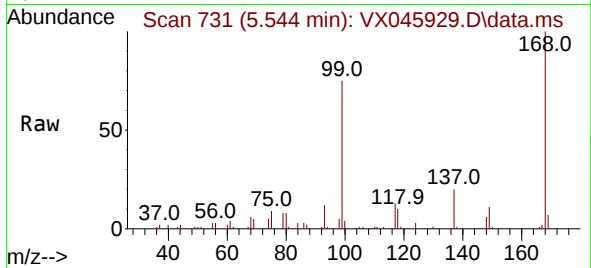
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Instrument :
MSVOA_X
ClientSampleId :
2001

Tgt Ion:168 Resp: 63160
Ion Ratio Lower Upper
168 100
99 74.8 52.3 78.5

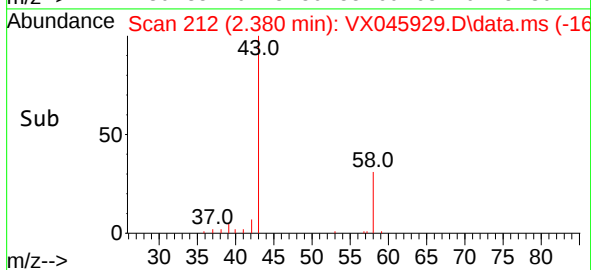
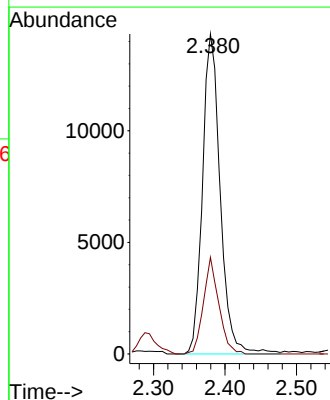
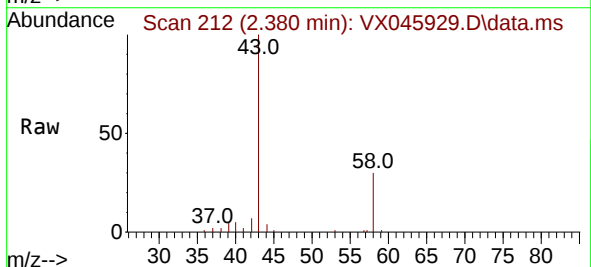
Manual Integrations
APPROVED

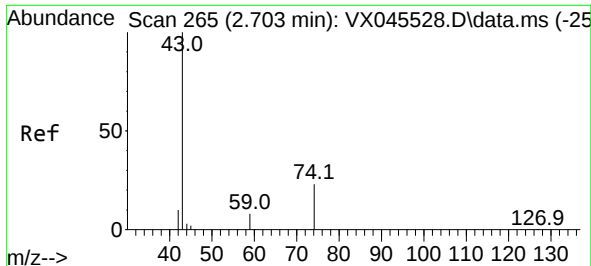
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 51.998 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

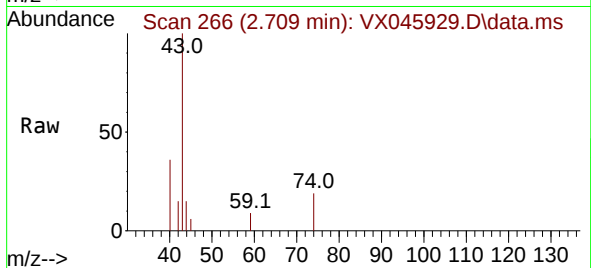
Tgt Ion: 43 Resp: 24662
Ion Ratio Lower Upper
43 100
58 30.2 22.3 33.5





#18
Methyl Acetate
Concen: 2.290 ug/l
RT: 2.709 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

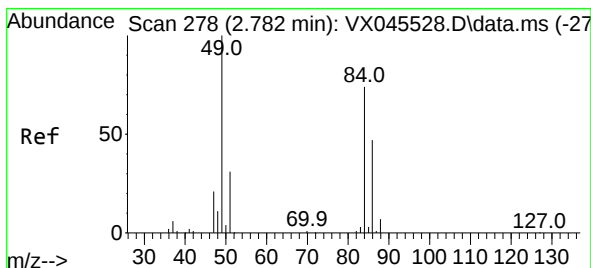
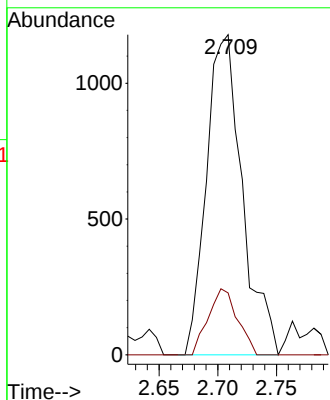
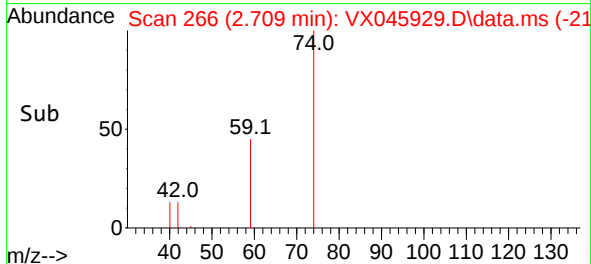
Instrument :
MSVOA_X
ClientSampleId :
2001



Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
74 16.8 17.5 26.3

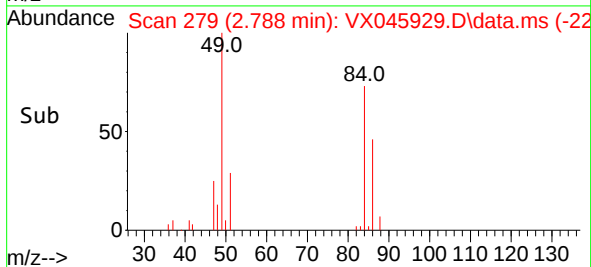
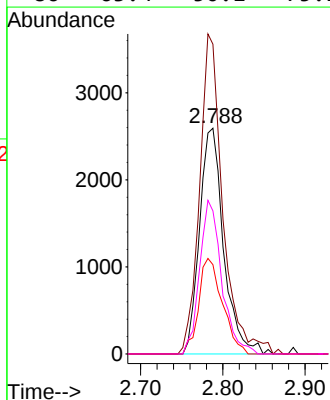
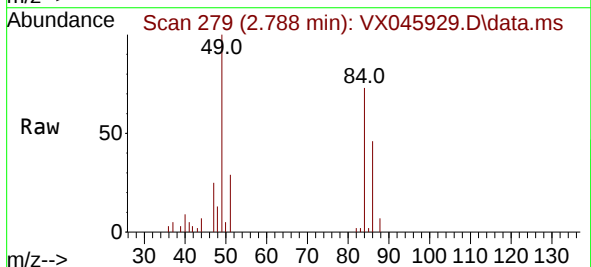
Manual Integrations
APPROVED

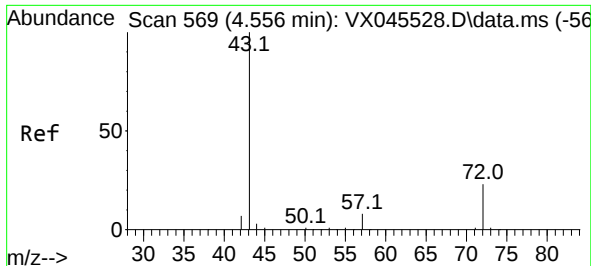
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 5.950 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Tgt Ion: 84 Resp: 5283
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 39.5 33.0 49.6
86 63.4 50.1 75.1





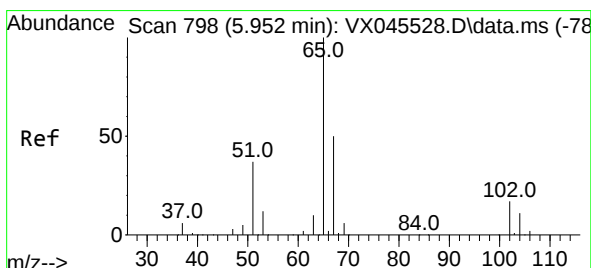
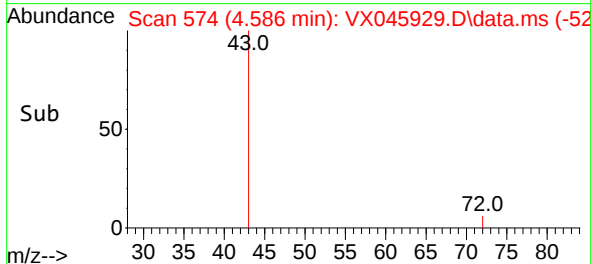
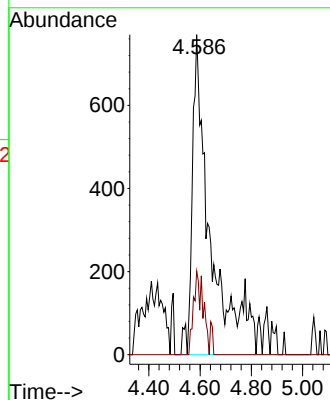
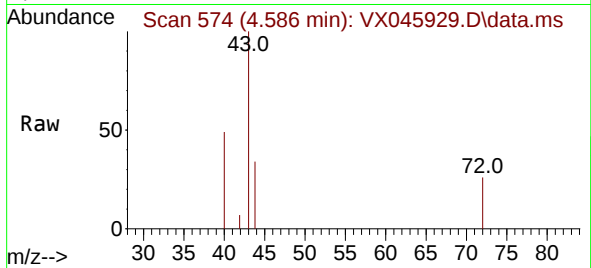
#25
2-Butanone
Concen: 5.816 ug/l m
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Instrument :
MSVOA_X
ClientSampleId :
2001

Tgt Ion: 43 Resp: 4038
Ion Ratio Lower Upper
43 100
72 26.1 18.6 28.0

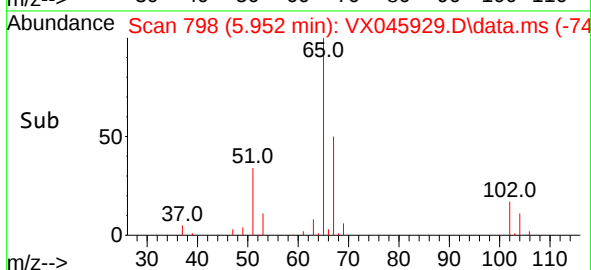
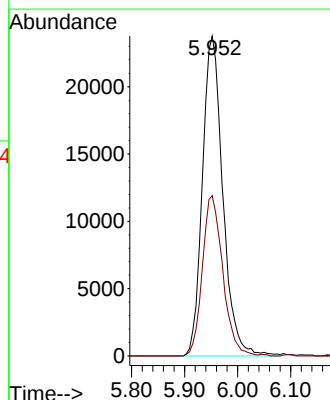
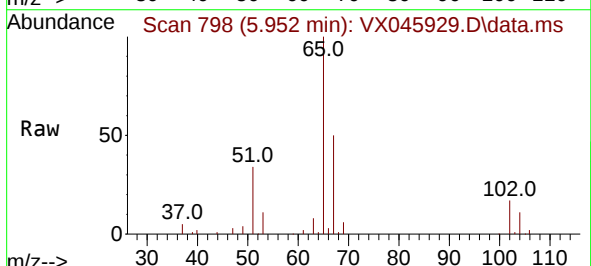
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#33
1,2-Dichloroethane-d4
Concen: 55.050 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Tgt Ion: 65 Resp: 63584
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0





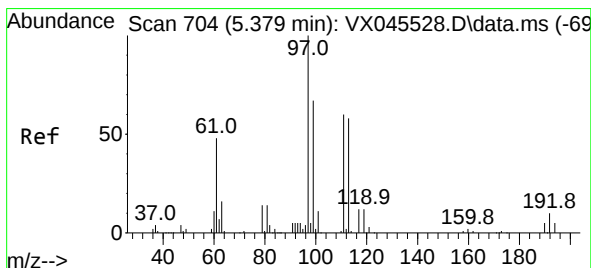
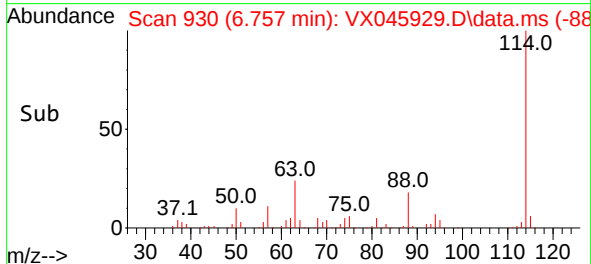
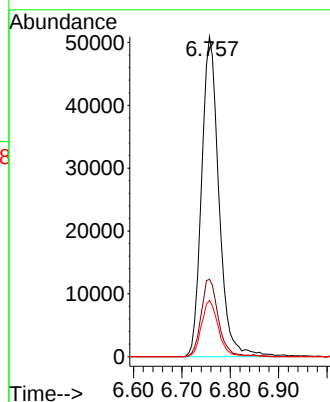
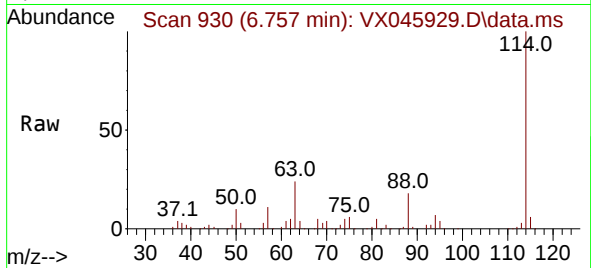
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Instrument :
MSVOA_X
ClientSampleId :
2001

Tgt Ion:114 Resp: 126878
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.6 0.0 35.4

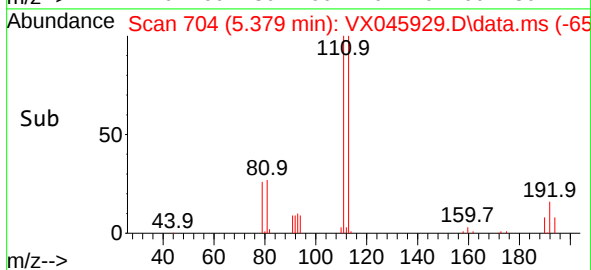
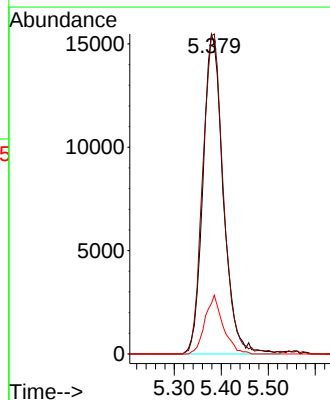
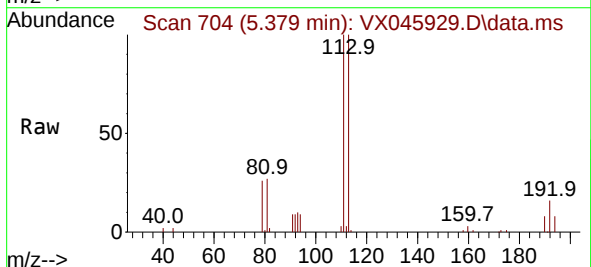
Manual Integrations
APPROVED

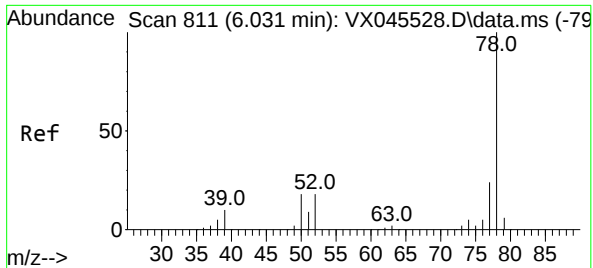
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

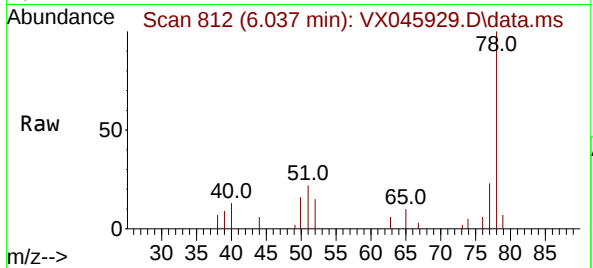
Tgt Ion:113 Resp: 46325
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.4 13.8 20.6





#40
Benzene
Concen: 1.975 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

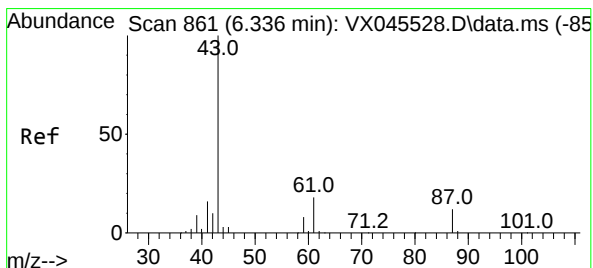
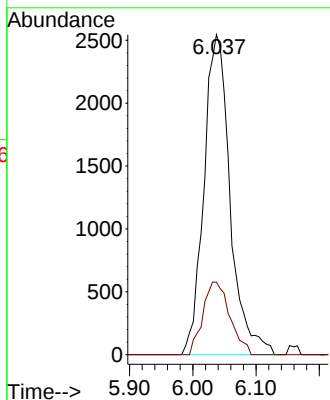
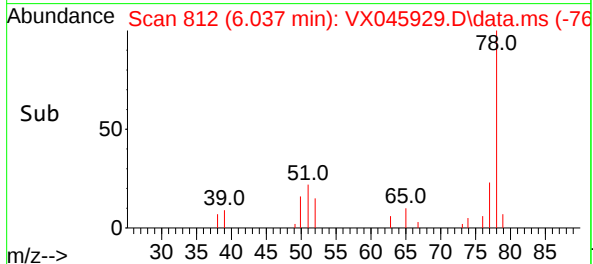
Instrument :
MSVOA_X
ClientSampleId :
2001



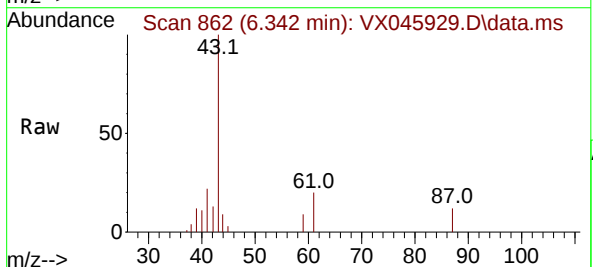
Tgt Ion: 78 Resp: 733
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6

Manual Integrations
APPROVED

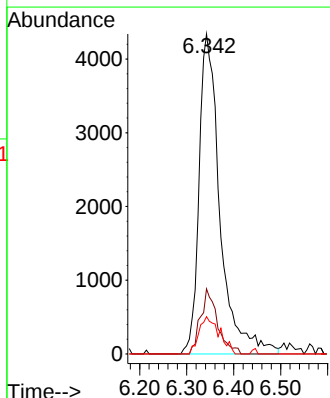
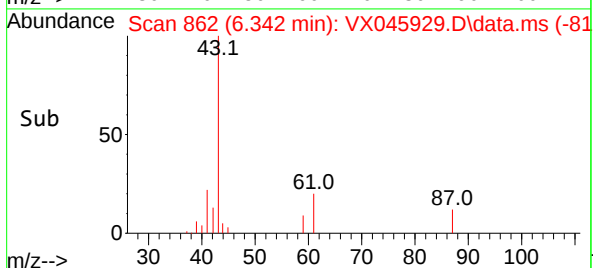
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

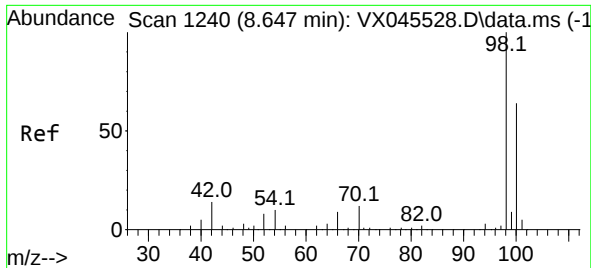


#43
Isopropyl Acetate
Concen: 5.785 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56



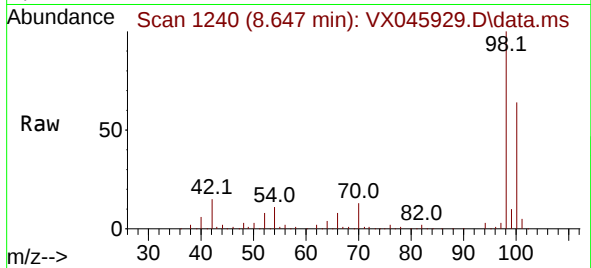
Tgt Ion: 43 Resp: 13429
Ion Ratio Lower Upper
43 100
61 16.4 14.1 21.1
87 11.3 9.2 13.8





#50
Toluene-d8
Concen: 51.132 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

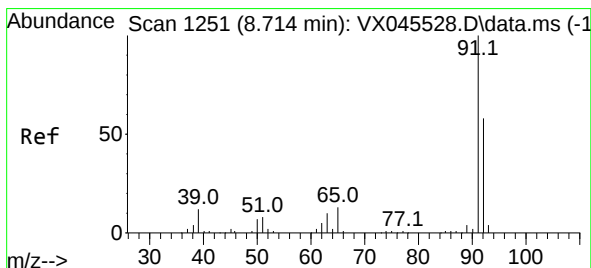
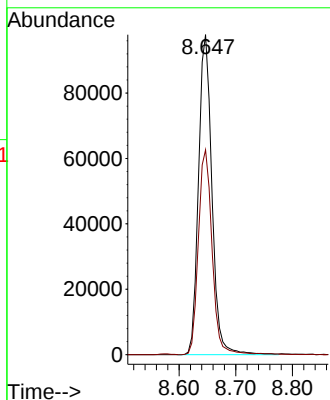
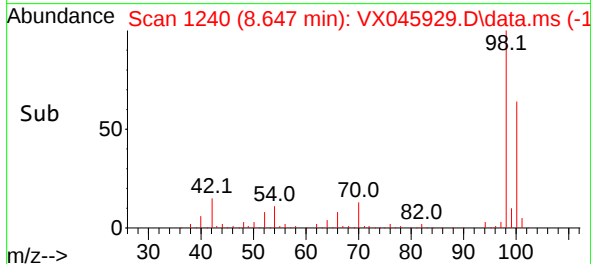
Instrument :
MSVOA_X
ClientSampleId :
2001



Tgt Ion: 98 Resp: 16066
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

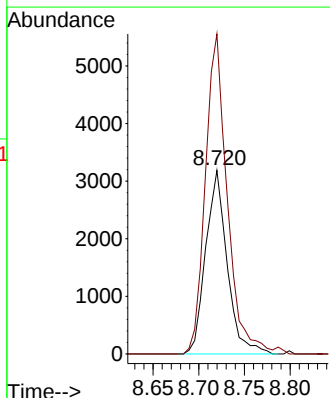
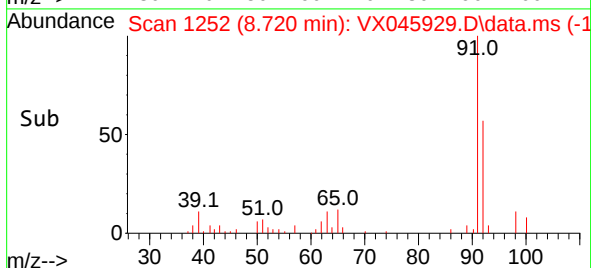
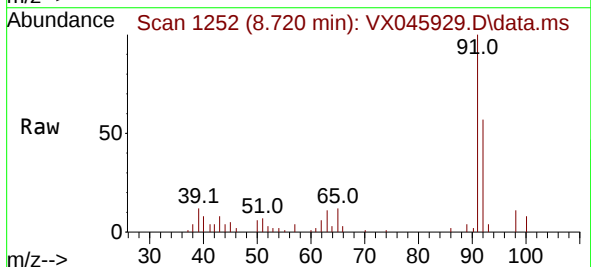
Manual Integrations
APPROVED

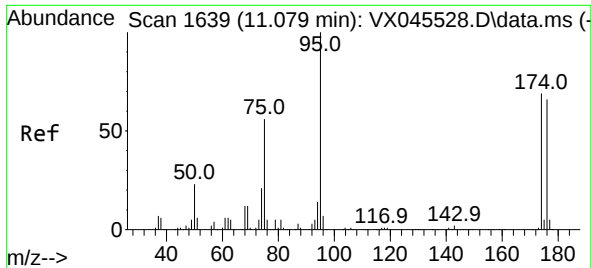
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 2.327 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

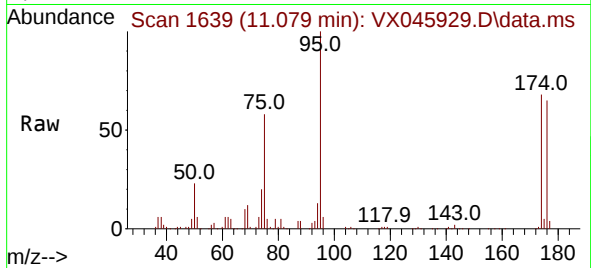
Tgt Ion: 92 Resp: 5226
Ion Ratio Lower Upper
92 100
91 178.2 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

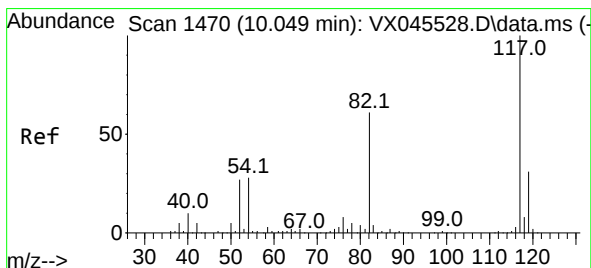
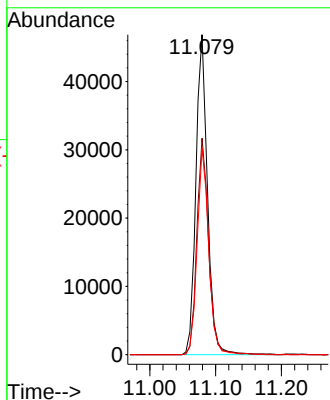
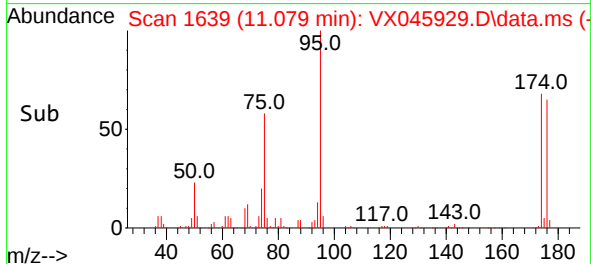
Instrument :
MSVOA_X
ClientSampleId :
2001



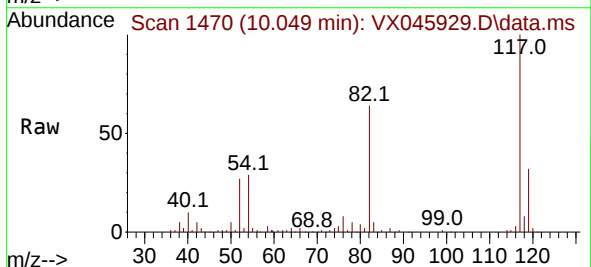
Tgt Ion: 95 Resp: 57290
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.8
176 64.5 0.0 131.4

Manual Integrations
APPROVED

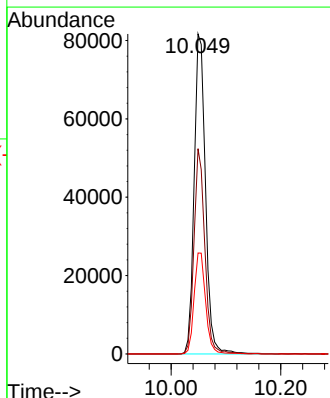
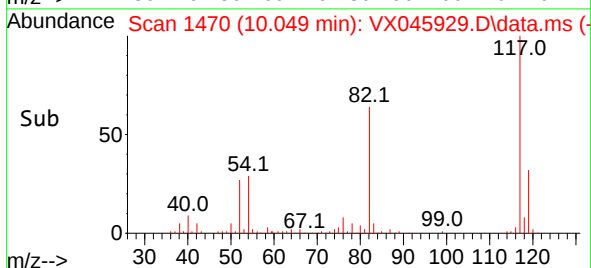
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

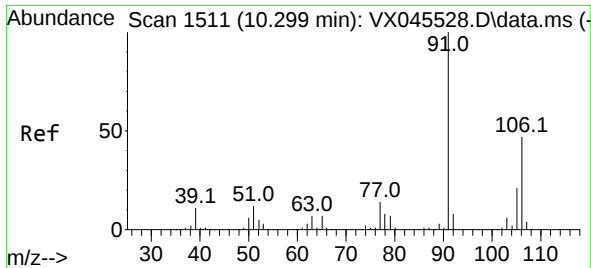


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56



Tgt Ion:117 Resp: 117802
Ion Ratio Lower Upper
117 100
82 64.1 49.2 73.8
119 31.5 25.1 37.7





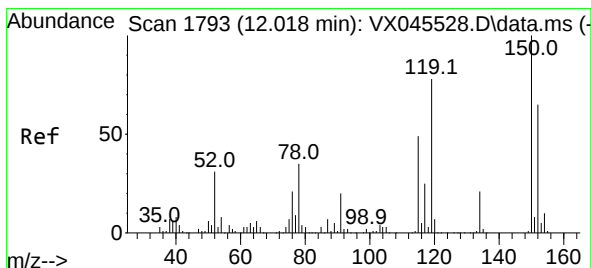
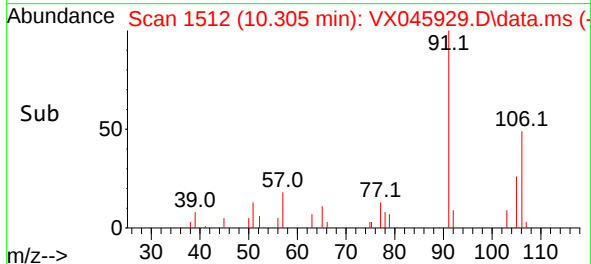
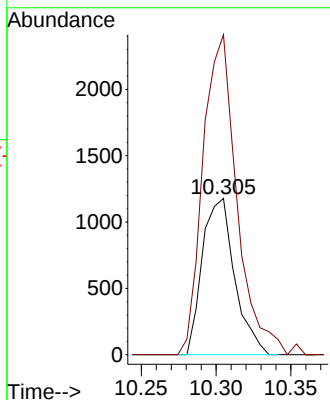
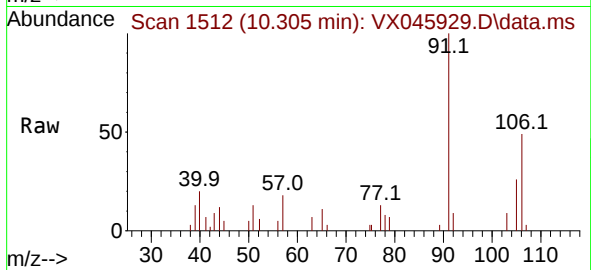
#68
m/p-Xylenes
Concen: 1.077 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Instrument :
MSVOA_X
ClientSampleId :
2001

Tgt Ion:106 Resp: 1760
Ion Ratio Lower Upper
106 100
91 216.9 172.6 258.8

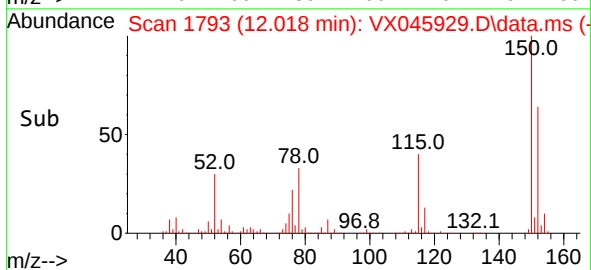
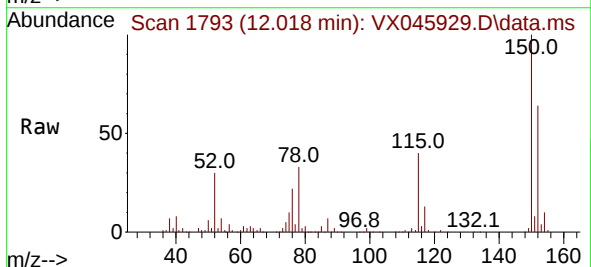
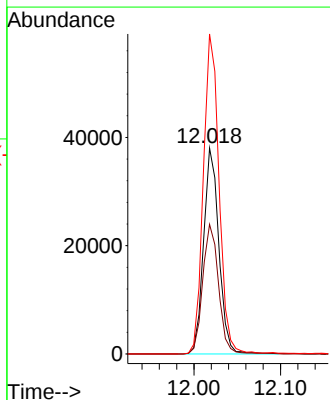
Manual Integrations
APPROVED

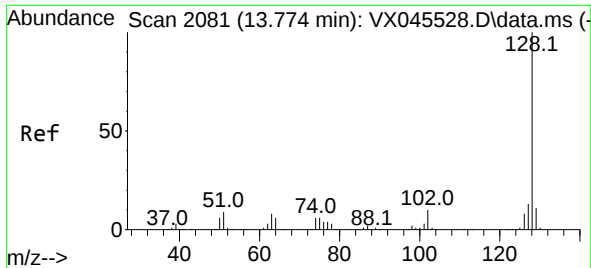
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045929.D
Acq: 24 Apr 2025 15:56

Tgt Ion:152 Resp: 46552
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 159.7 0.0 349.4





#95

Naphthalene

Concen: 20.200 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045929.D

Acq: 24 Apr 2025 15:56

Instrument :

MSVOA_X

ClientSampleId :

2001

Tgt Ion:128 Resp: 6524

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025

