

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032427.D
 Acq On : 11 Nov 2025 13:54
 Operator : SY/MD
 Sample : Q3586-01
 Misc : 8.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SED-1

Quant Time: Nov 12 03:49:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	286762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	660595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	665967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	321294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	255006	68.976	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 137.960%			
35) Dibromofluoromethane	7.904	113	227087	57.416	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 114.840%			
50) Toluene-d8	10.331	98	883087	58.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 116.400%			
62) 4-Bromofluorobenzene	12.617	95	564943	98.562	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 197.120%#			
Target Compounds					Qvalue	
8) Diethyl Ether	3.728	74	24930	12.357	ug/l	99
11) Tert butyl alcohol	5.210	59	9738m	30.461	ug/l	
16) Acetone	4.167	43	33721	30.487	ug/l	99
17) Carbon Disulfide	4.423	76	67290	7.386	ug/l	99
20) Methylene Chloride	4.960	84	49923	12.621	ug/l	97
22) Diisopropyl ether	6.344	45	195313	16.184	ug/l	90
29) Tetrahydrofuran	7.563	42	7498	7.250	ug/l	91

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

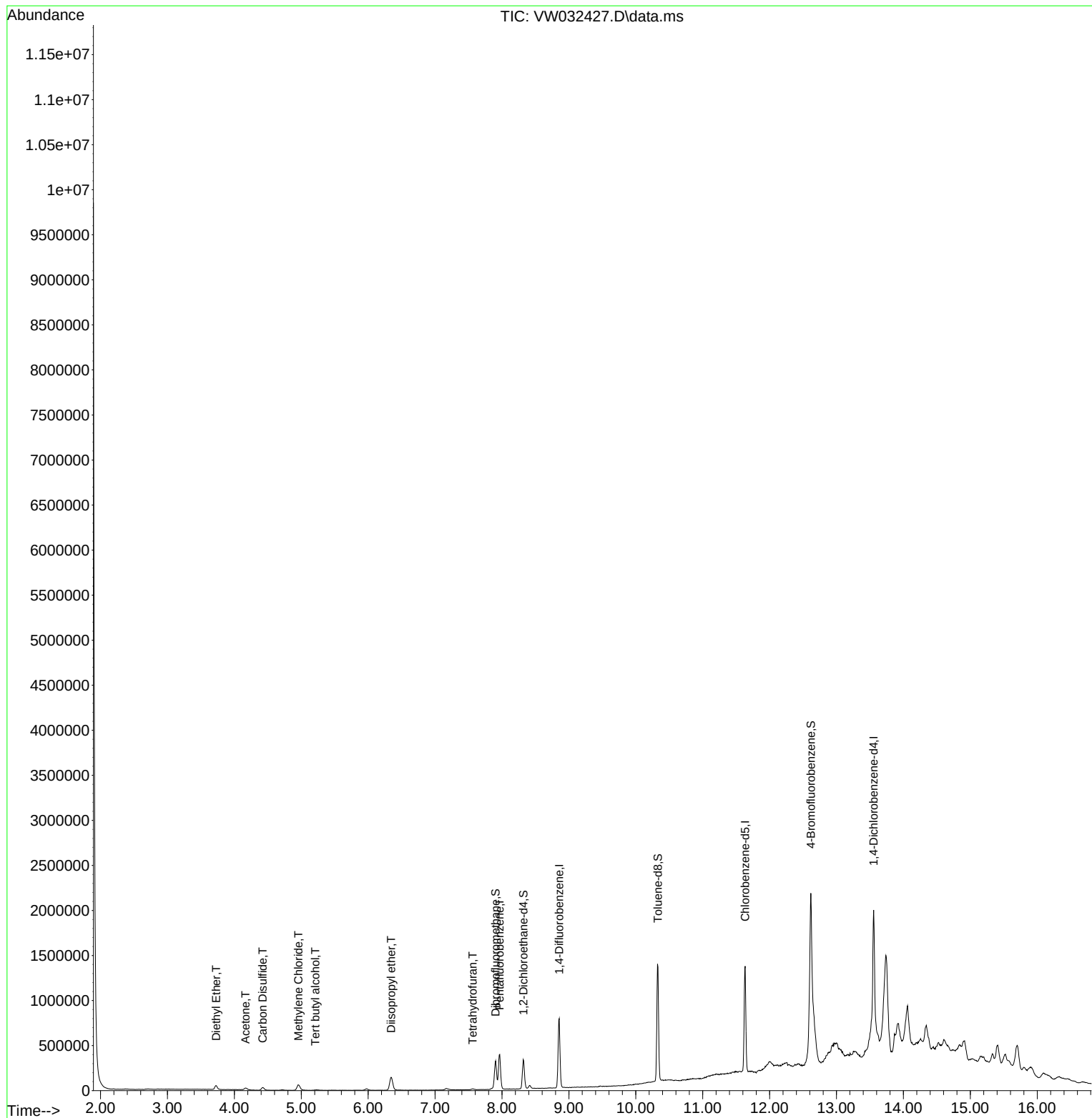
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032427.D
Acq On : 11 Nov 2025 13:54
Operator : SY/MD
Sample : Q3586-01
Misc : 8.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

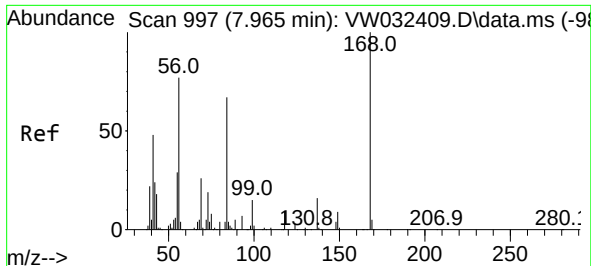
Instrument :
MSVOA_W
ClientSampleId :
SED-1

Quant Time: Nov 12 03:49:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

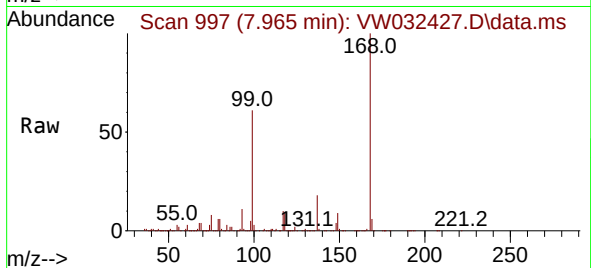
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

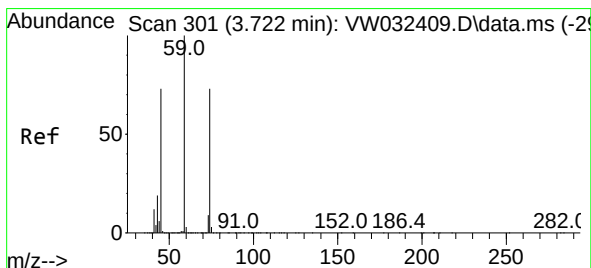
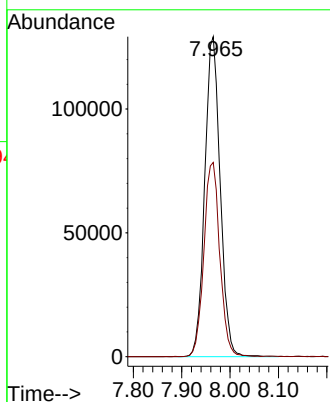
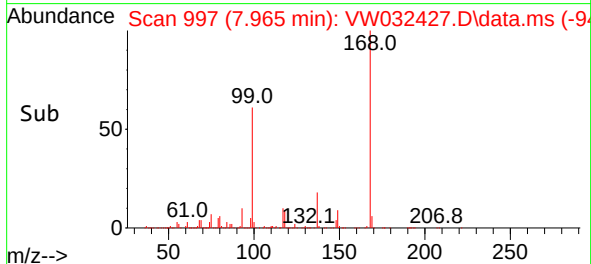
Instrument :
MSVOA_W
ClientSampleId :
SED-1



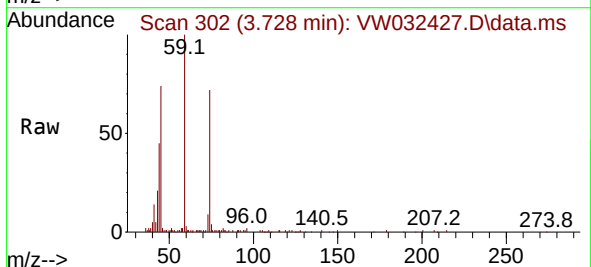
Tgt Ion:168 Resp: 286762
Ion Ratio Lower Upper
168 100
99 60.7 45.4 68.2

Manual Integrations
APPROVED

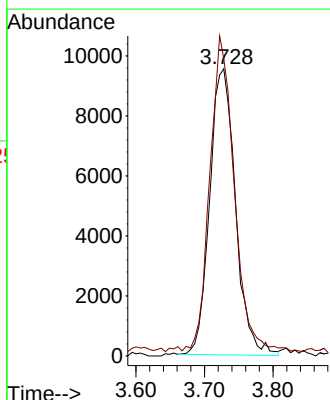
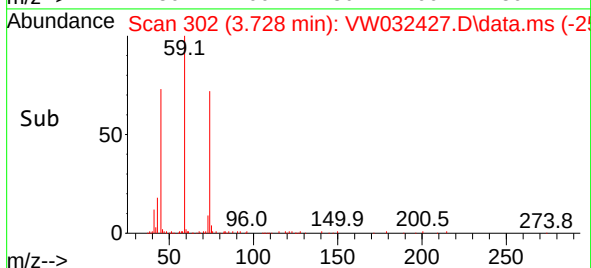
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

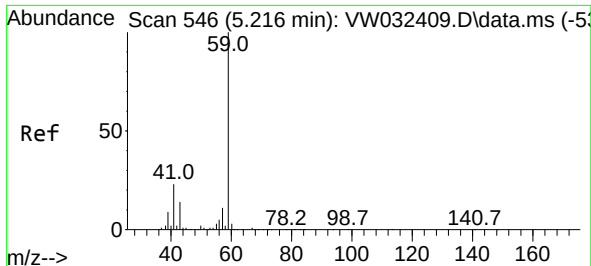


#8
Diethyl Ether
Concen: 12.357 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54



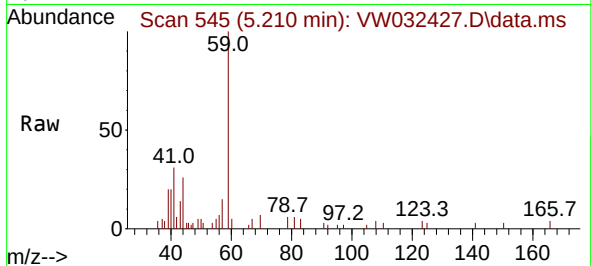
Tgt Ion: 74 Resp: 24930
Ion Ratio Lower Upper
74 100
45 104.2 51.8 155.4





#11
Tert butyl alcohol
Concen: 30.461 ug/l m
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

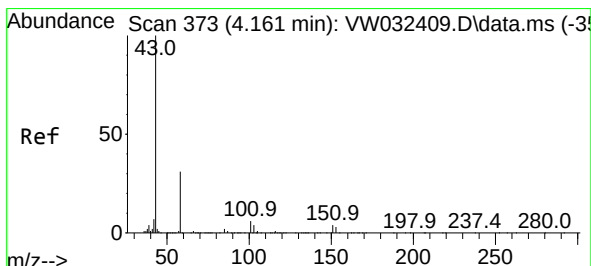
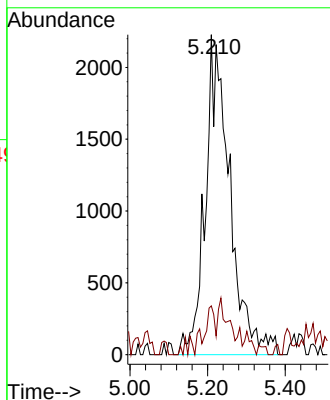
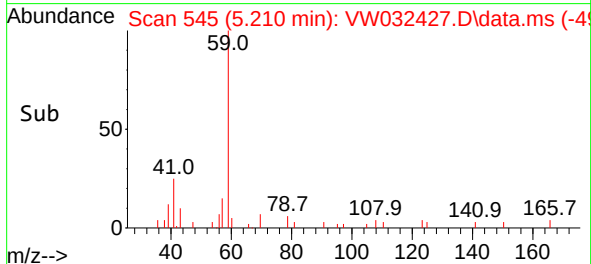
Instrument :
MSVOA_W
ClientSampleId :
SED-1



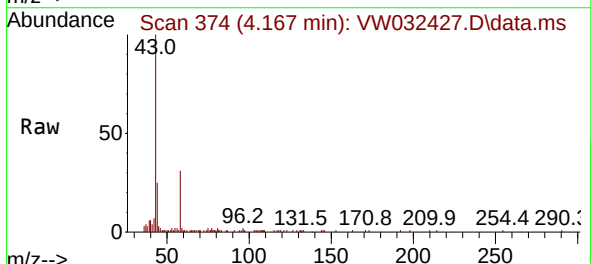
Tgt Ion: 59 Resp: 9738
Ion Ratio Lower Upper
59 100
57 3.6 8.6 12.8

Manual Integrations
APPROVED

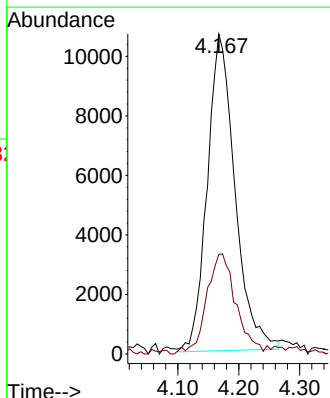
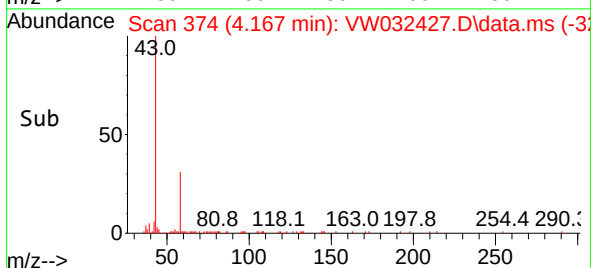
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

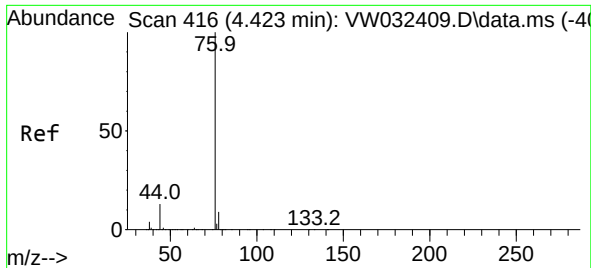


#16
Acetone
Concen: 30.487 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54



Tgt Ion: 43 Resp: 33721
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2





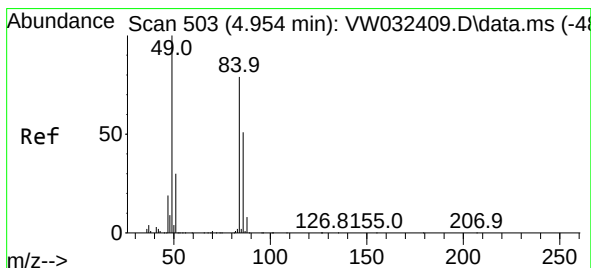
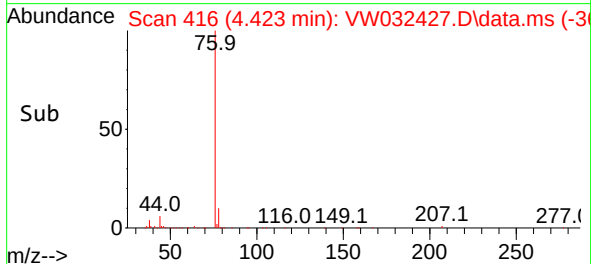
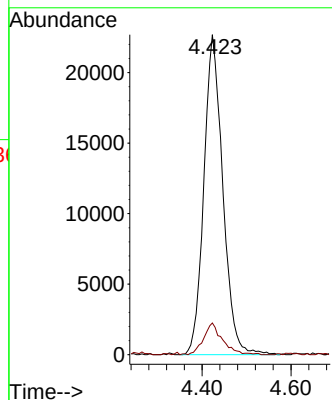
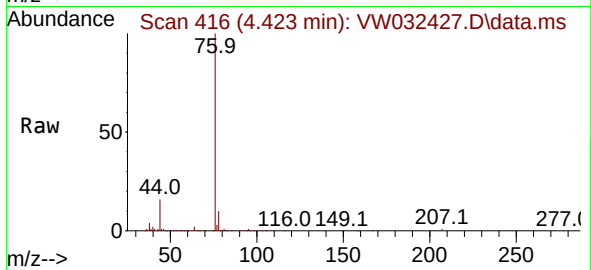
#17
Carbon Disulfide
Concen: 7.386 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Tgt Ion: 76 Resp: 67290
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

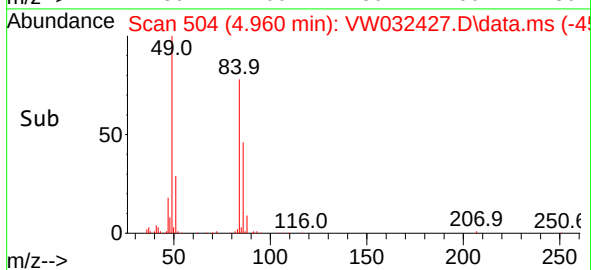
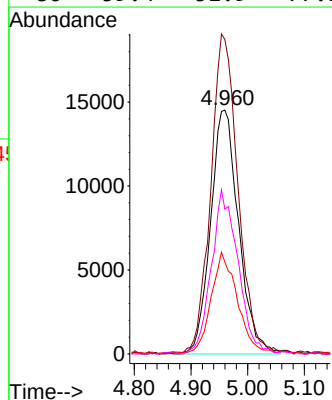
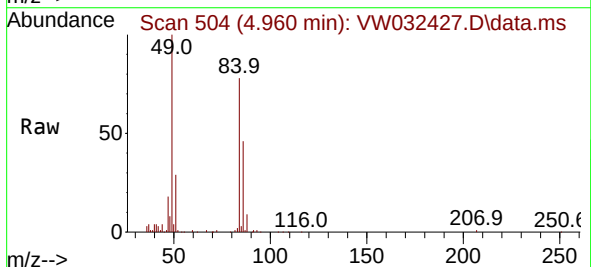
Manual Integrations
APPROVED

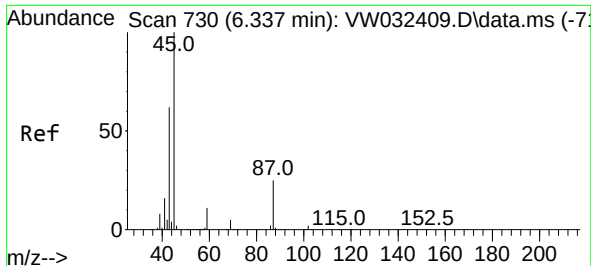
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 12.621 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

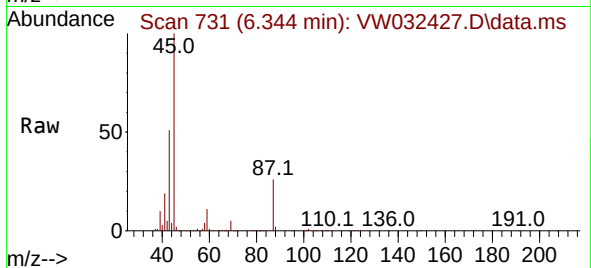
Tgt Ion: 84 Resp: 49923
Ion Ratio Lower Upper
84 100
49 128.3 101.5 152.3
51 37.2 30.6 46.0
86 59.4 51.9 77.9





#22
Diisopropyl ether
Concen: 16.184 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

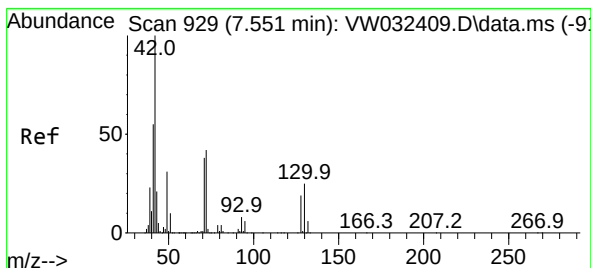
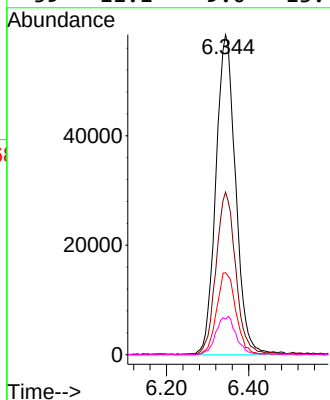
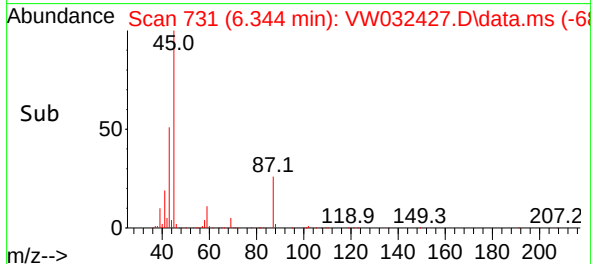
Instrument :
MSVOA_W
ClientSampleId :
SED-1



Tgt Ion: 45 Resp: 19531
Ion Ratio Lower Upper
45 100
43 50.5 49.4 74.2
87 25.6 20.1 30.1
59 11.1 9.0 13.4

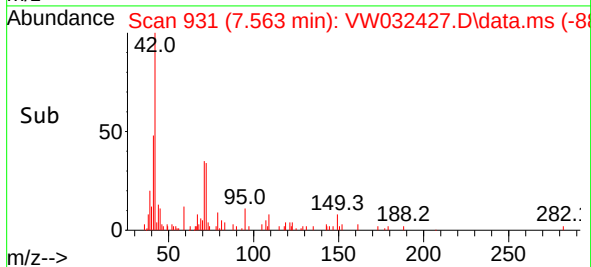
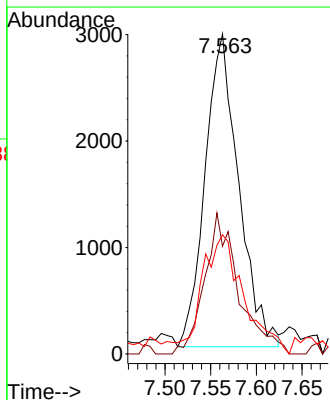
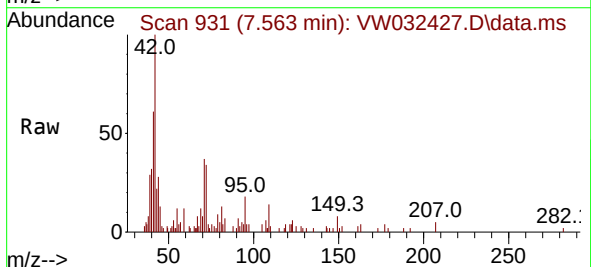
Manual Integrations
APPROVED

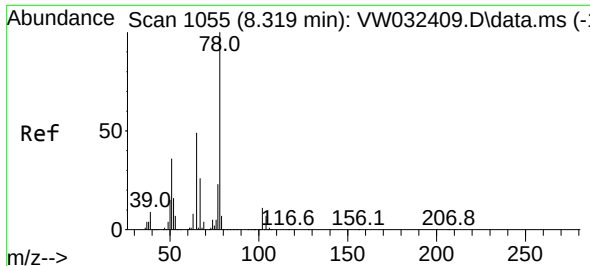
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#29
Tetrahydrofuran
Concen: 7.250 ug/l
RT: 7.563 min Scan# 931
Delta R.T. 0.012 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

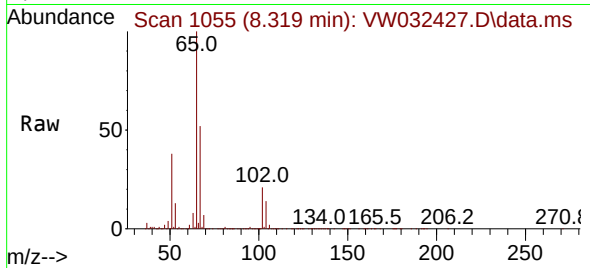
Tgt Ion: 42 Resp: 7498
Ion Ratio Lower Upper
42 100
72 45.9 33.6 50.4
71 46.8 31.4 47.0





#33
 1,2-Dichloroethane-d4
 Concen: 68.976 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032427.D
 Acq: 11 Nov 2025 13:54

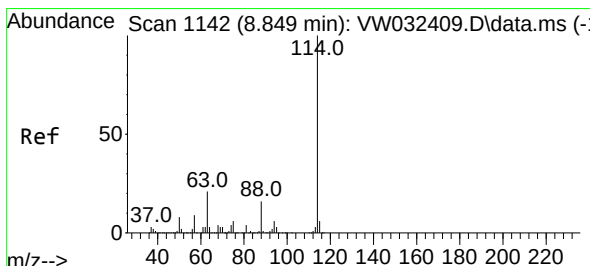
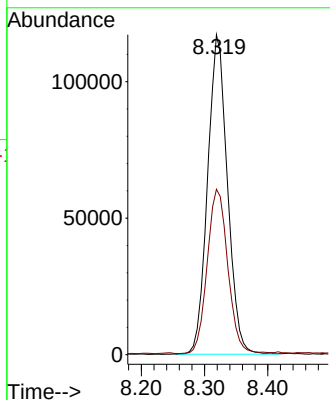
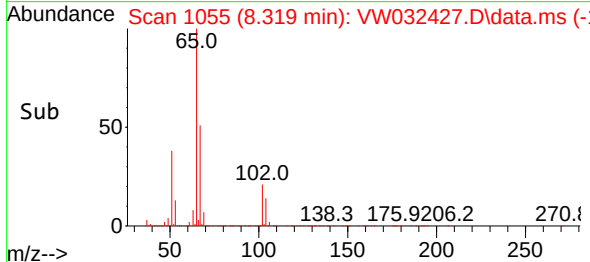
Instrument :
 MSVOA_W
 ClientSampleId :
 SED-1



Tgt Ion: 65 Resp: 255000
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8

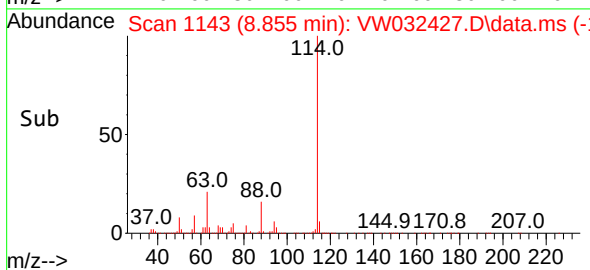
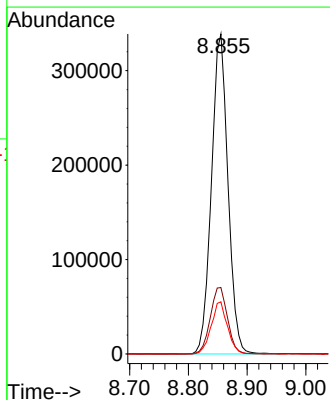
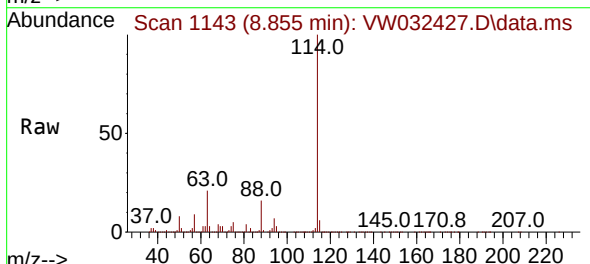
Manual Integrations
 APPROVED

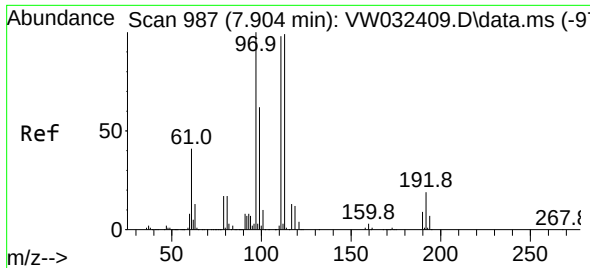
Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032427.D
 Acq: 11 Nov 2025 13:54

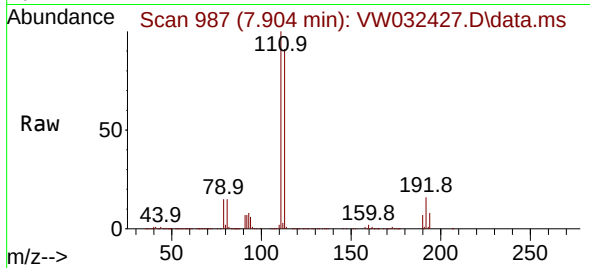
Tgt Ion:114 Resp: 660595
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.8
 88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 57.416 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

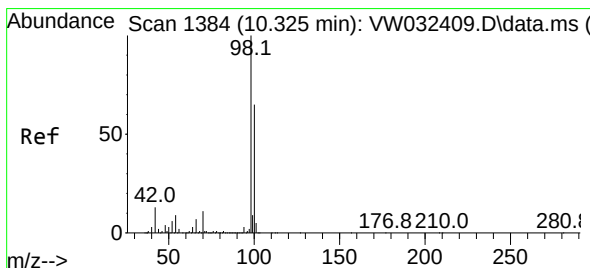
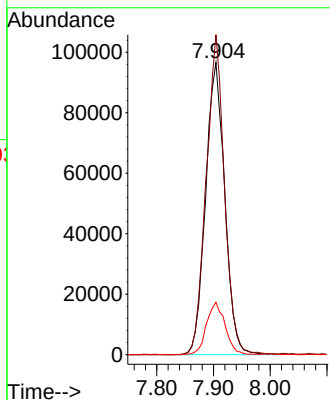
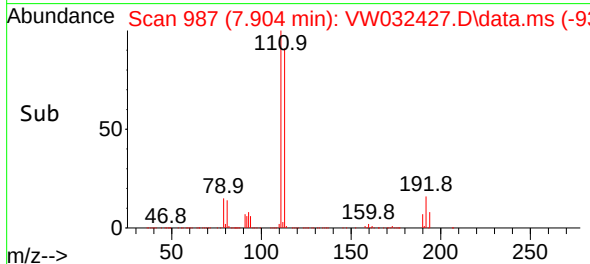
Instrument :
MSVOA_W
ClientSampleId :
SED-1



Tgt Ion:113 Resp: 227087
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 17.5 13.4 20.2

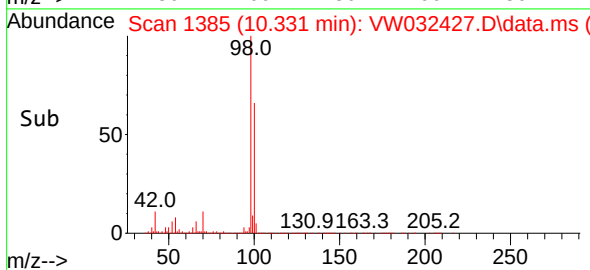
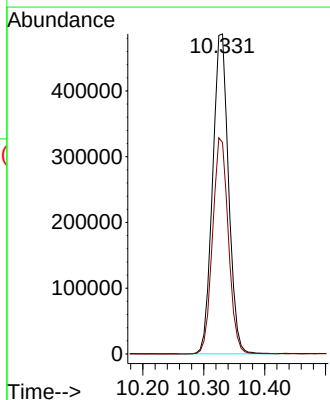
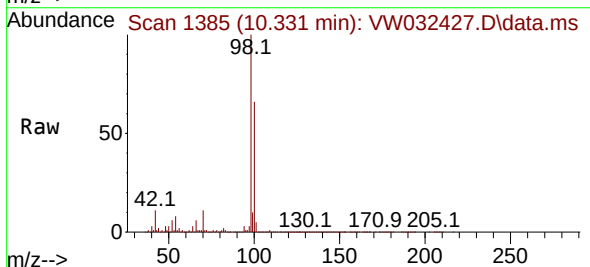
Manual Integrations
APPROVED

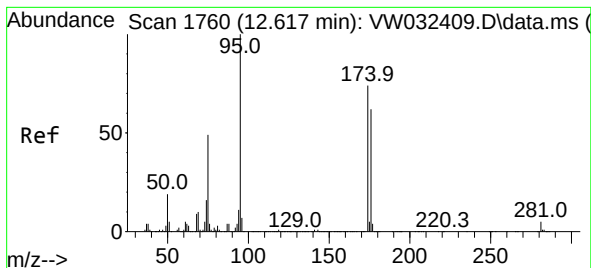
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
Toluene-d8
Concen: 58.200 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Tgt Ion: 98 Resp: 883087
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9





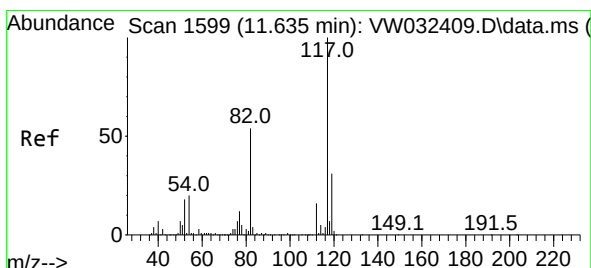
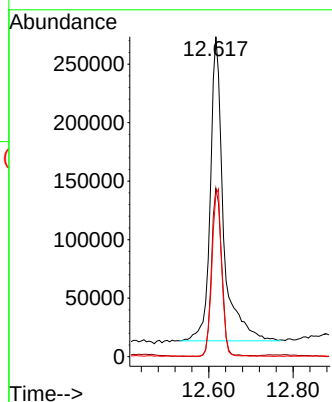
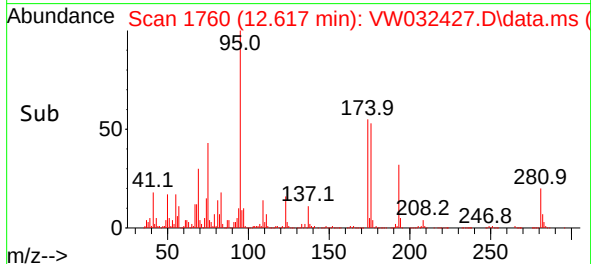
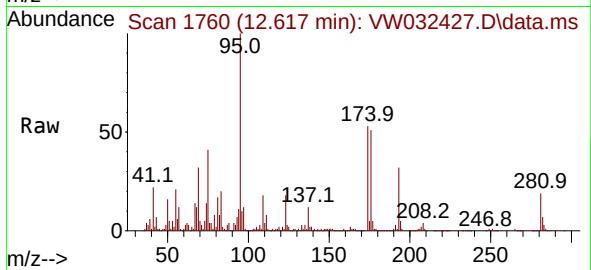
#62
4-Bromofluorobenzene
Concen: 98.562 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

Instrument :
MSVOA_W
ClientSampleId :
SED-1

Tgt Ion: 95 Resp: 56494
Ion Ratio Lower Upper
95 100
174 42.9 0.0 135.4
176 41.0 0.0 131.8

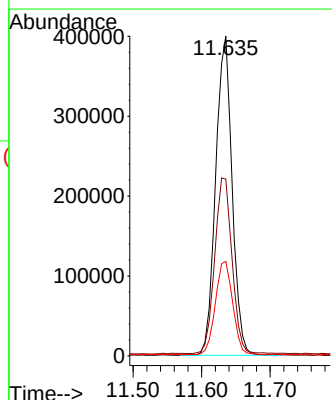
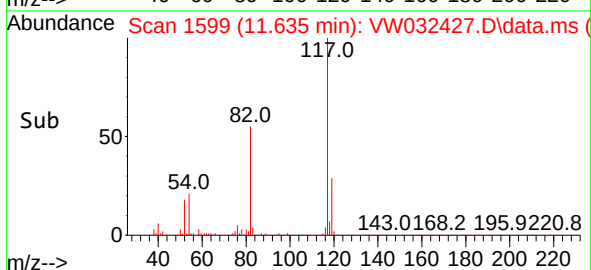
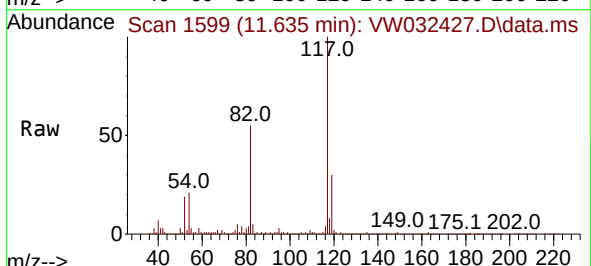
Manual Integrations
APPROVED

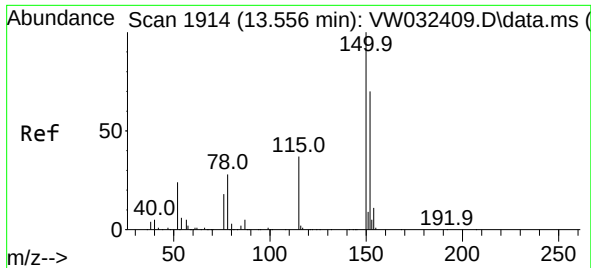
Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW032427.D
Acq: 11 Nov 2025 13:54

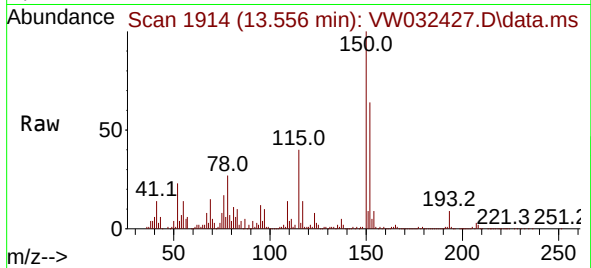
Tgt Ion:117 Resp: 665967
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 29.2 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032427.D
 Acq: 11 Nov 2025 13:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SED-1



Tgt Ion:152 Resp: 321294
 Ion Ratio Lower Upper
 152 100
 115 60.3 32.8 98.3
 150 148.6 0.0 356.6

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

