

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032499.D
 Acq On : 19 Nov 2025 13:58
 Operator : SY/MD
 Sample : Q3669-01
 Misc : 4.59g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-11182025

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:18:39 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

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	210209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	518404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	540961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	257608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151472	55.892	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	111.780%		
35) Dibromofluoromethane	7.898	113	143575	46.258	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.520%		
50) Toluene-d8	10.325	98	493878	41.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	82.960%		
62) 4-Bromofluorobenzene	12.617	95	227424	50.560	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	101.120%		
Target Compounds						
						Qvalue
16) Acetone	4.155	43	16095	19.851	ug/l	90
20) Methylene Chloride	4.954	84	30951	10.674	ug/l	92
69) o-Xylene	12.166	106	19449	2.682	ug/l	95
80) 1,3,5-Trimethylbenzene	12.940	105	175691	11.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	48568	3.059	ug/l	99
85) sec-Butylbenzene	13.379	105	34410	1.702	ug/l	86
86) p-Isopropyltoluene	13.495	119	43857	2.627	ug/l	98
89) n-Butylbenzene	13.818	91	23895m	1.465	ug/l	

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

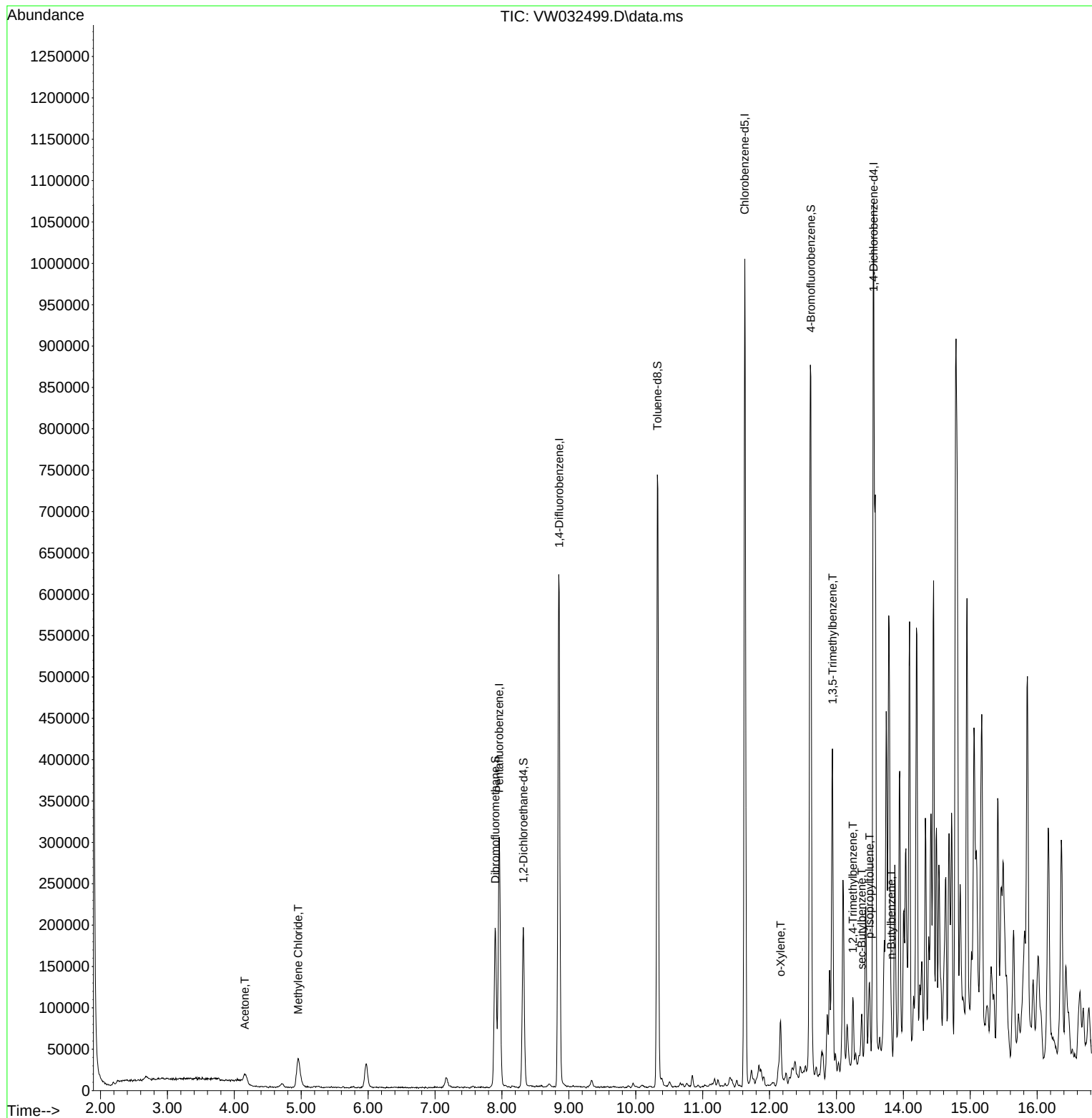
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032499.D
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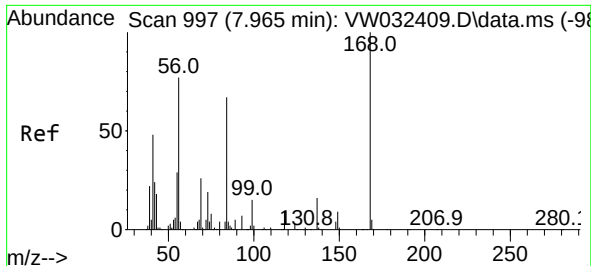
Instrument :
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ClientSampleId :
EO-01-11182025

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Supervised By :Mahesh Dadoda 11/20/2025

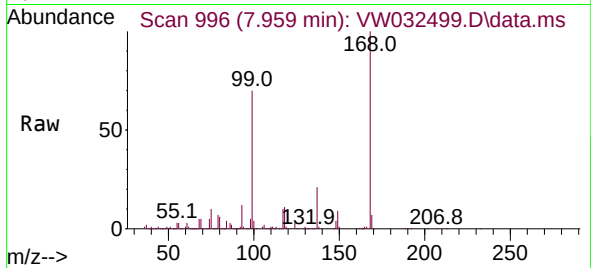
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

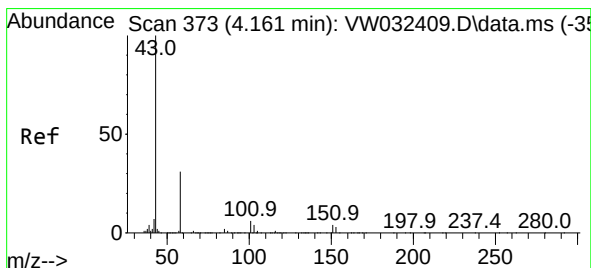
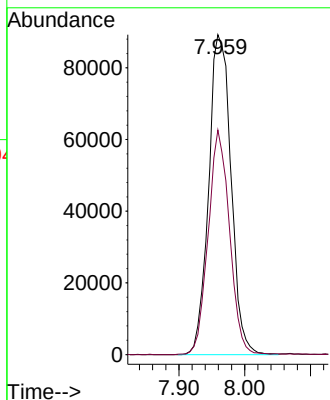
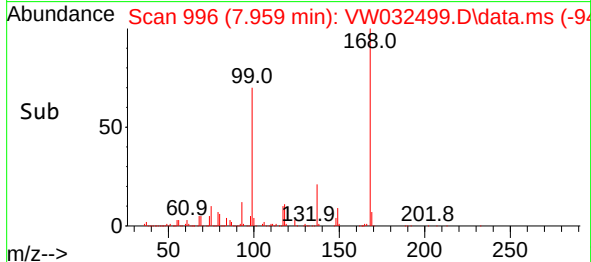
Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025



Tgt Ion:168 Resp: 210209
Ion Ratio Lower Upper
168 100
99 70.1 45.4 68.2

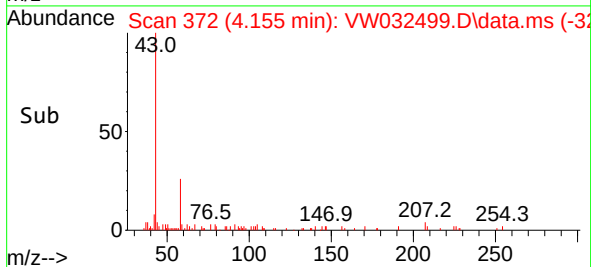
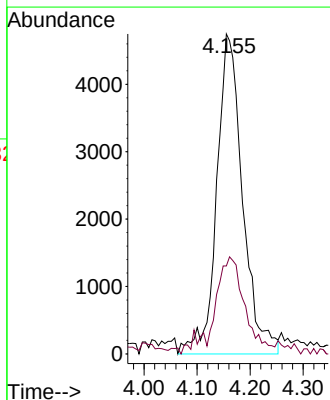
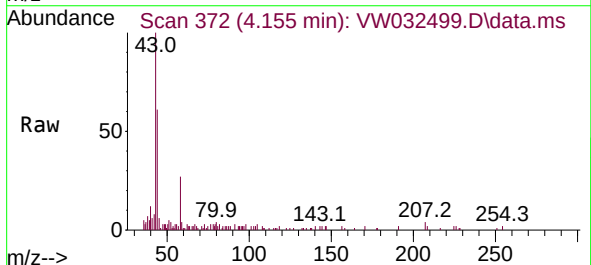
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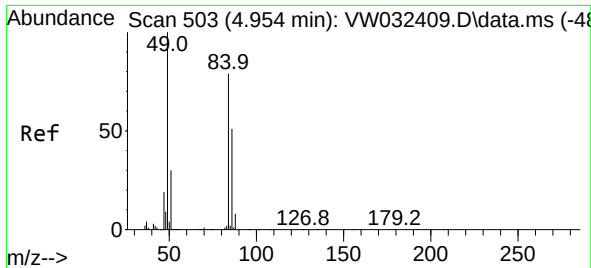
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#16
Acetone
Concen: 19.851 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

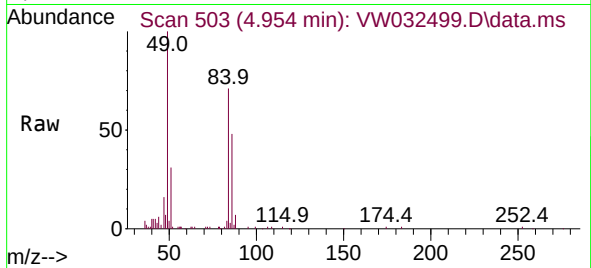
Tgt Ion: 43 Resp: 16095
Ion Ratio Lower Upper
43 100
58 25.6 24.8 37.2





#20
Methylene Chloride
Concen: 10.674 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

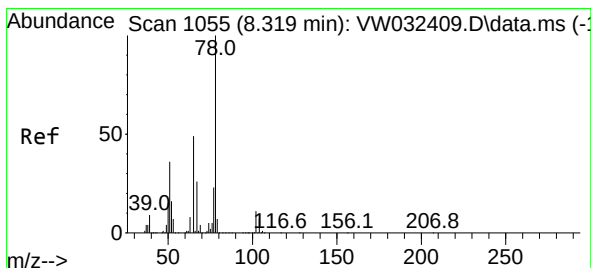
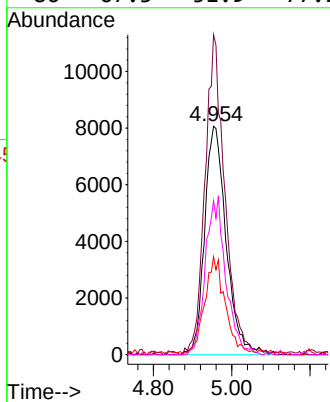
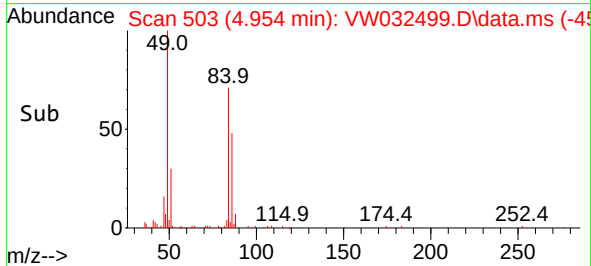
Instrument :
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EO-01-11182025



Tgt Ion: 84 Resp: 3095
Ion Ratio Lower Upper
84 100
49 139.4 101.5 152.3
51 41.9 30.6 46.0
86 67.3 51.9 77.9

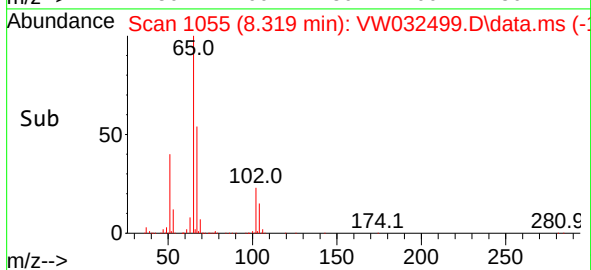
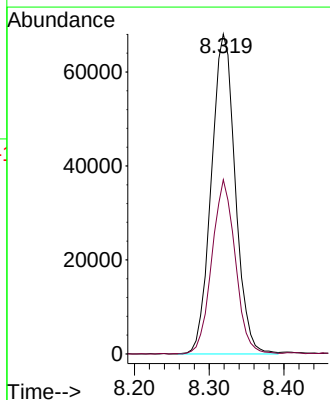
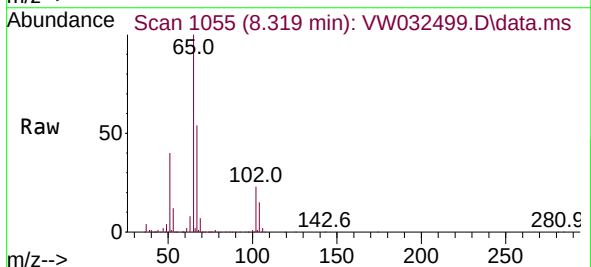
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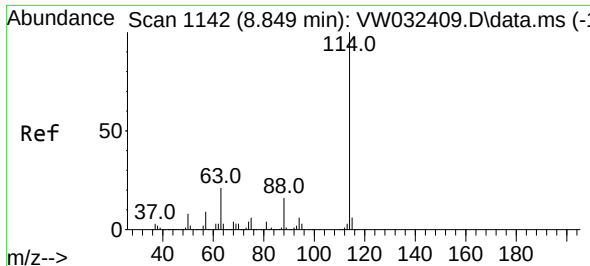
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#33
1,2-Dichloroethane-d4
Concen: 55.892 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

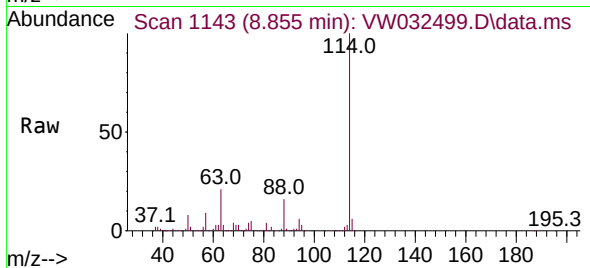
Tgt Ion: 65 Resp: 151472
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

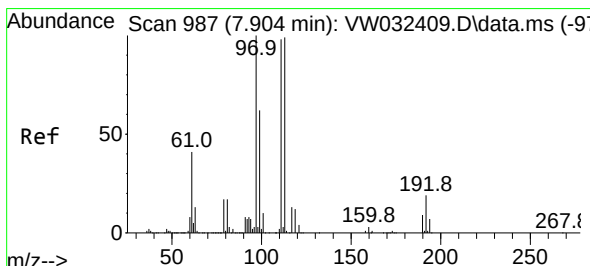
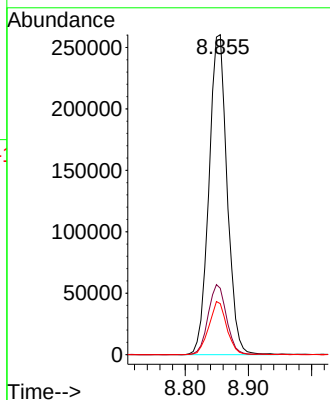
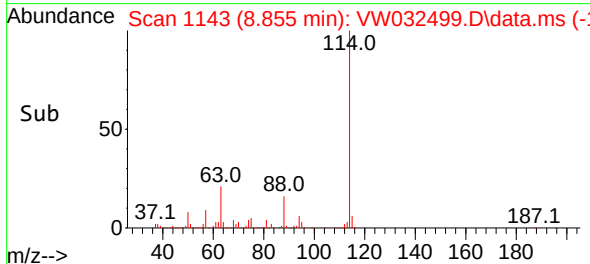
Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025



Tgt Ion:114 Resp: 518404
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.8
88 15.9 0.0 32.6

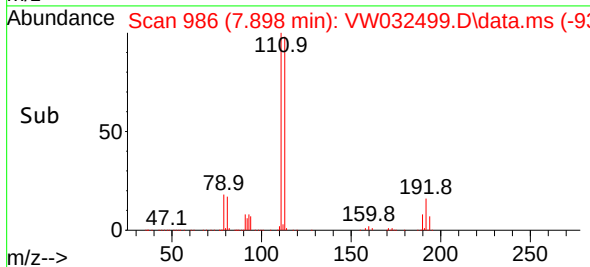
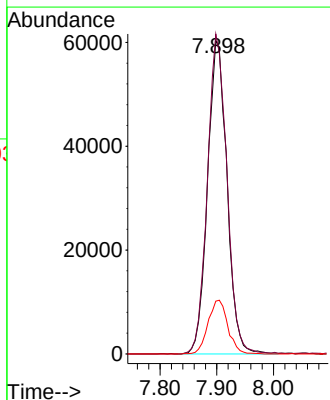
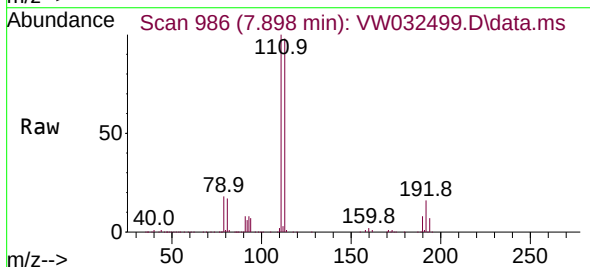
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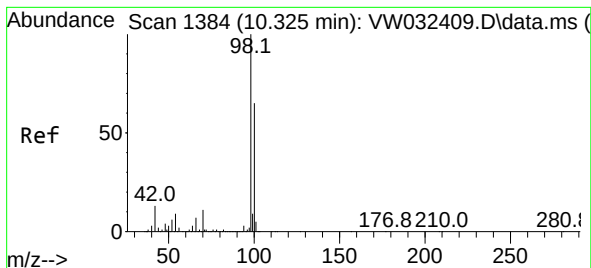
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#35
Dibromofluoromethane
Concen: 46.258 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

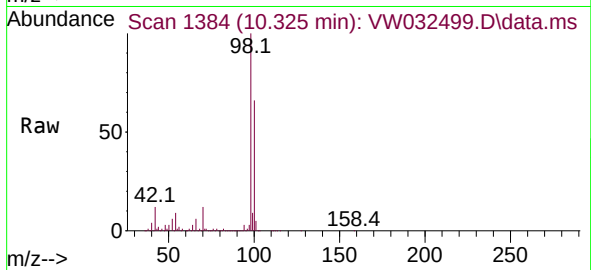
Tgt Ion:113 Resp: 143575
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.4 13.4 20.2





#50
Toluene-d8
Concen: 41.477 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

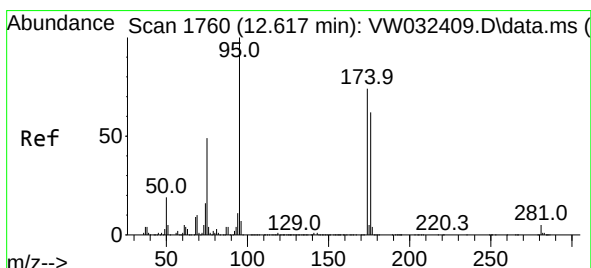
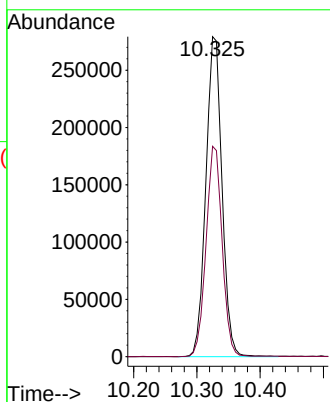
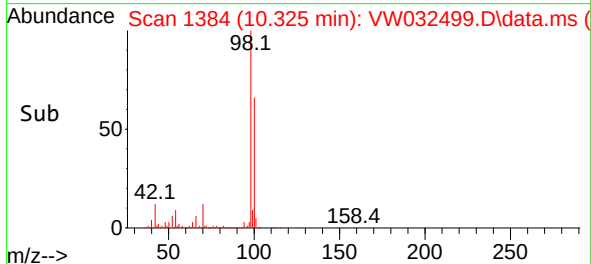
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ClientSampleId :
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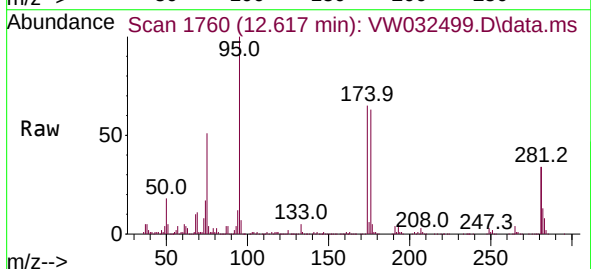
Tgt Ion: 98 Resp: 493878
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9

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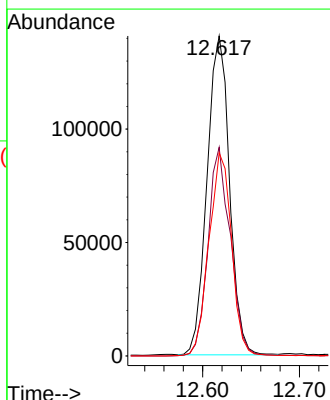
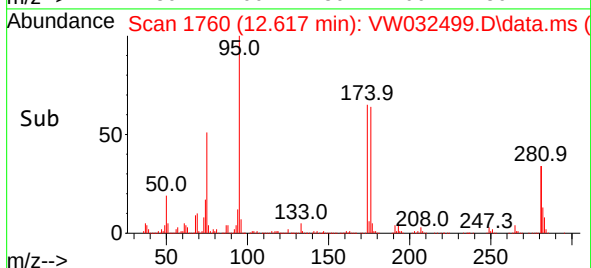
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

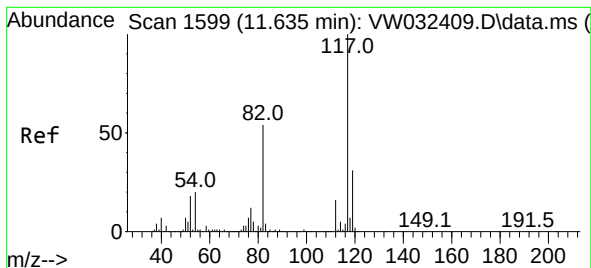


#62
4-Bromofluorobenzene
Concen: 50.560 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58



Tgt Ion: 95 Resp: 227424
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.4
176 64.3 0.0 131.8





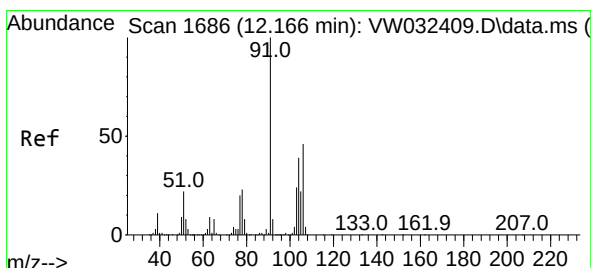
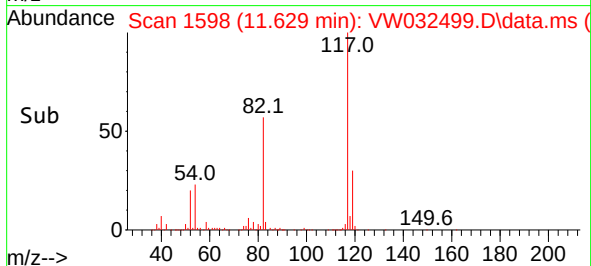
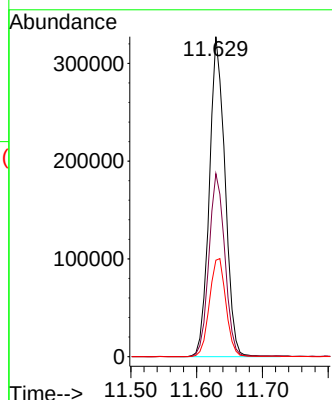
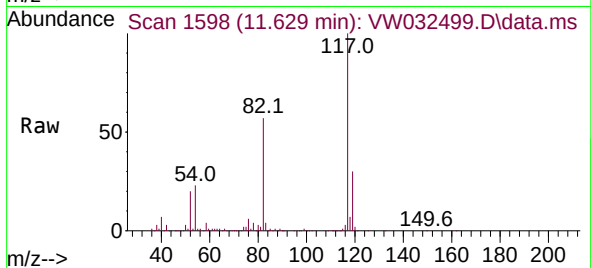
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

Instrument :
MSVOA_W
ClientSampleId :
EO-01-11182025

Tgt Ion:117 Resp: 54096
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 30.1 25.0 37.6

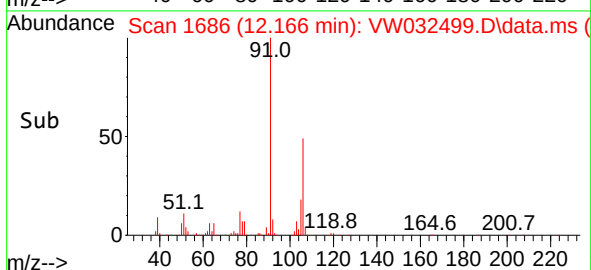
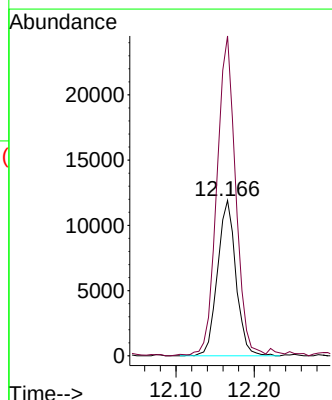
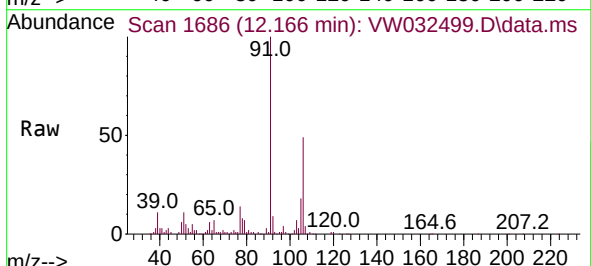
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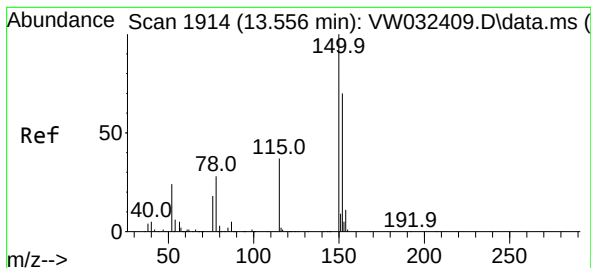
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#69
o-Xylene
Concen: 2.682 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

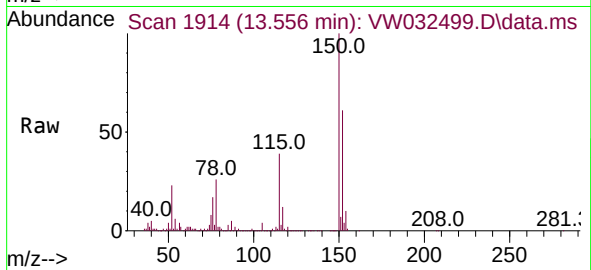
Tgt Ion:106 Resp: 19449
Ion Ratio Lower Upper
106 100
91 210.8 109.3 327.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032499.D
 Acq: 19 Nov 2025 13:58

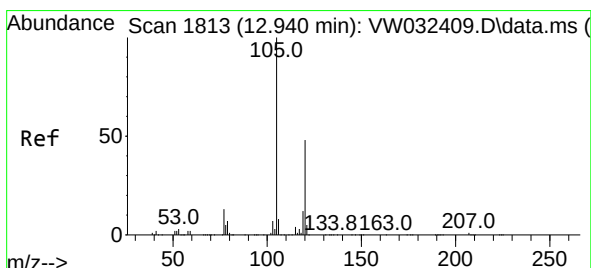
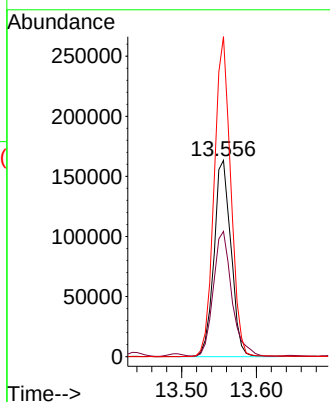
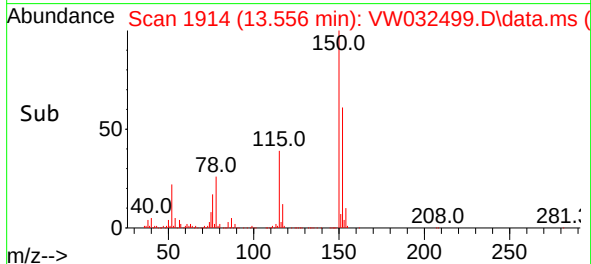
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 EO-01-11182025



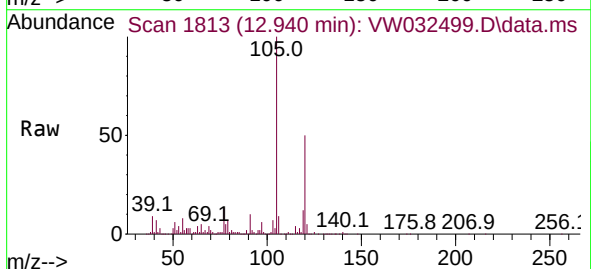
Tgt Ion:152 Resp: 257608
 Ion Ratio Lower Upper
 152 100
 115 69.1 32.8 98.3
 150 159.0 0.0 356.6

Manual Integrations
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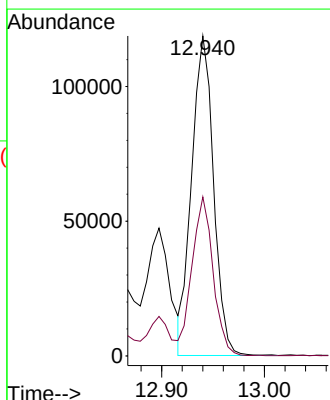
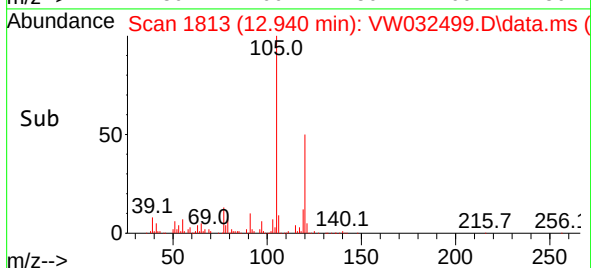
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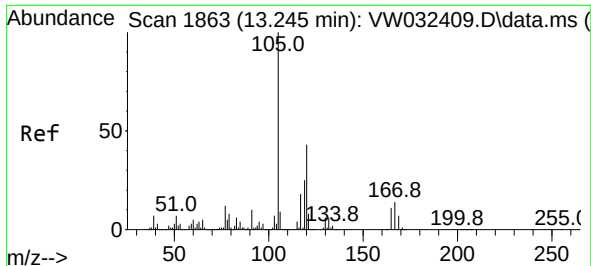


#80
 1,3,5-Trimethylbenzene
 Concen: 11.256 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW032499.D
 Acq: 19 Nov 2025 13:58



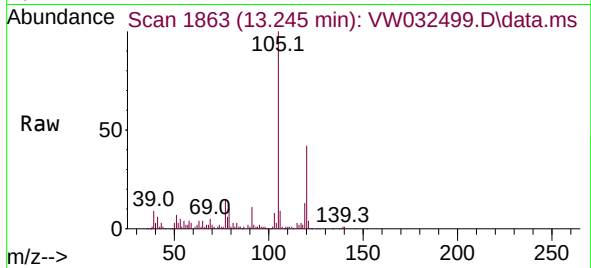
Tgt Ion:105 Resp: 175691
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.2 72.6





#84
1,2,4-Trimethylbenzene
Concen: 3.059 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58

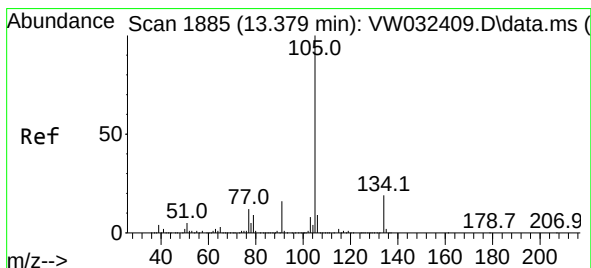
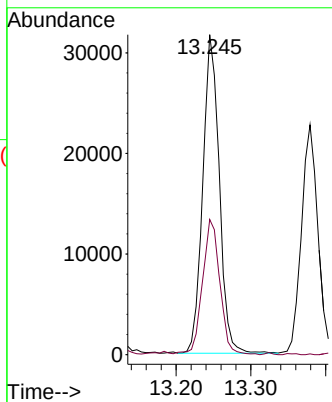
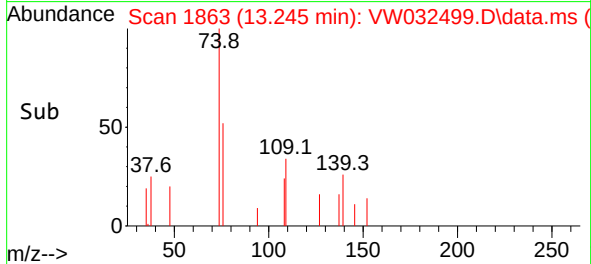
Instrument :
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EO-01-11182025



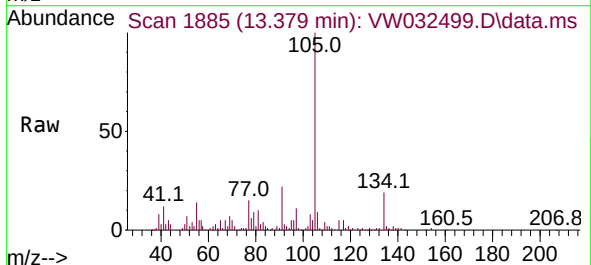
Tgt Ion:105 Resp: 48568
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.5

Manual Integrations
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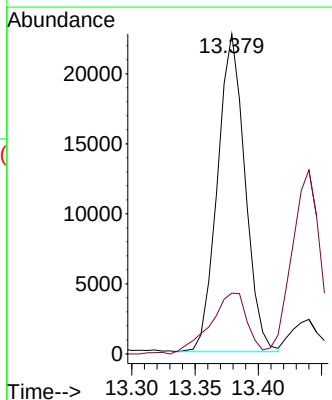
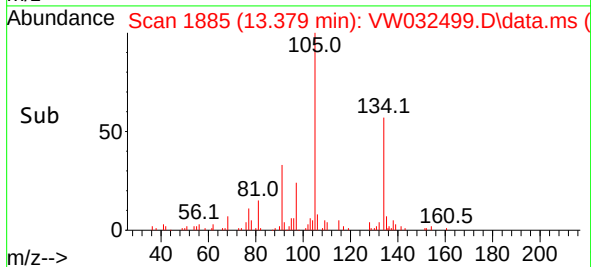
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

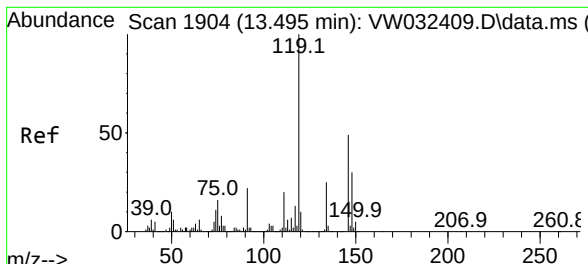


#85
sec-Butylbenzene
Concen: 1.702 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW032499.D
Acq: 19 Nov 2025 13:58



Tgt Ion:105 Resp: 34410
Ion Ratio Lower Upper
105 100
134 25.7 9.8 29.3





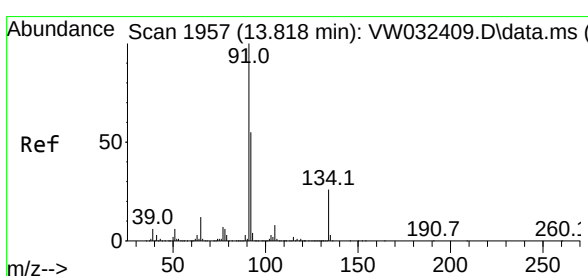
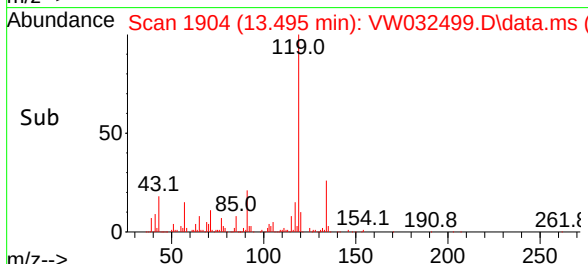
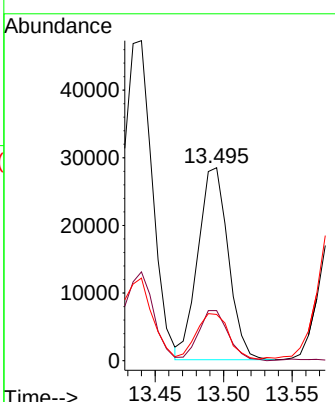
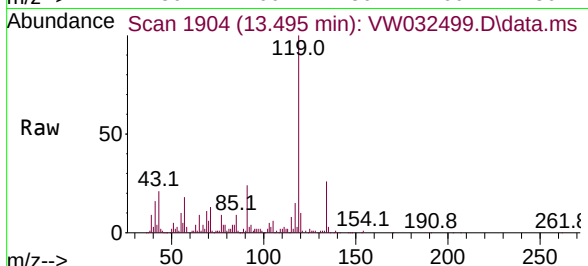
#86
 p-Isopropyltoluene
 Concen: 2.627 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032499.D
 Acq: 19 Nov 2025 13:58

Instrument : MSVOA_W
 ClientSampleId : EO-01-11182025

Tgt Ion:	119	Resp:	4385
Ion Ratio	Lower	Upper	
119	100		
134	25.7	12.7	38.1
91	25.1	11.9	35.5

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#89
 n-Butylbenzene
 Concen: 1.465 ug/l m
 RT: 13.818 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VW032499.D
 Acq: 19 Nov 2025 13:58

Tgt Ion:	91	Resp:	23895
Ion Ratio	Lower	Upper	
91	100		
92	0.0	27.4	82.2#
134	440.0	12.4	37.4#

