

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026709.D
 Acq On : 5 Aug 2025 12:43
 Operator : SY/MD
 Sample : MDL03
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 01:22:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.292	168	440344	50.000	ug/l	-0.01
33) 1,4-Difluorobenzene	8.322	114	805343	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.531	117	605225	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.735	152	271002	50.000	ug/l	-0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	286539	51.413	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
34) Dibromofluoromethane	7.192	113	231415	46.458	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.920%			
49) Toluene-d8	10.029	98	929698	52.097	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
61) 4-Bromofluorobenzene	12.667	95	241530	47.585	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.663	85	7881	2.456	ug/l	87
3) Chloromethane	1.843	50	12639	2.649	ug/l	98
4) Vinyl Chloride	1.959	62	13180	2.704	ug/l	98
5) Bromomethane	2.299	94	8618m	3.628	ug/l	
6) Chloroethane	2.424	64	7957	2.535	ug/l #	85
7) Trichlorofluoromethane	2.706	101	28021	3.189	ug/l #	79
8) Diethyl Ether	3.072	74	7985	2.048	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.374	101	12397m	2.615	ug/l	
10) Methyl Iodide	3.547	142	10050m	2.197	ug/l	
11) Tert butyl alcohol	4.317	59	11998m	13.759	ug/l	
12) 1,1-Dichloroethene	3.348	96	11418m	2.438	ug/l	
13) Acrolein	3.236	56	10729	8.417	ug/l #	42
14) Allyl chloride	3.881	41	23450m	2.545	ug/l	
15) Acrylonitrile	4.484	53	53151m	15.355	ug/l	
16) Acetone	3.444	43	53345	20.394	ug/l	92
17) Carbon Disulfide	3.637	76	8992m	1.297	ug/l	
18) Methyl Acetate	3.894	43	19986	1.831	ug/l #	66
19) Methyl tert-butyl Ether	4.548	73	43096	2.299	ug/l	96
20) Methylene Chloride	4.070	84	17404m	2.804	ug/l	
21) trans-1,2-Dichloroethene	4.516	96	12503	2.428	ug/l #	55
22) Diisopropyl ether	5.453	45	55909	2.589	ug/l	94
23) Vinyl Acetate	5.389	43	170261	13.828	ug/l #	90
24) 1,1-Dichloroethane	5.328	63	27031m	2.472	ug/l	
25) 2-Butanone	6.371	43	67300	16.623	ug/l #	74
26) 2,2-Dichloropropane	6.335	77	15366m	2.033	ug/l	
27) cis-1,2-Dichloroethene	6.352	96	16256m	2.454	ug/l	
28) Bromochloromethane	6.733	49	12928	3.281	ug/l #	47
29) Chloroform	6.945	83	21390	2.258	ug/l	89
30) Cyclohexane	7.279	56	26986m	3.056	ug/l	
31) 1,1,1-Trichloroethane	7.179	97	16062m	2.347	ug/l	
35) 1,1-Dichloropropene	7.427	75	14421	2.295	ug/l #	80
36) Ethyl Acetate	6.480	43	20650m	2.745	ug/l	
37) Carbon Tetrachloride	7.401	117	10821m	2.114	ug/l	
38) Methylcyclohexane	8.880	83	17154m	2.385	ug/l	
39) Benzene	7.696	78	52186	2.306	ug/l	91
40) Methacrylonitrile	6.721	41	13387m	2.863	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	16329	2.837	ug/l	85
42) Isopropyl Acetate	7.873	43	34019	2.812	ug/l #	61
43) Trichloroethene	8.595	130	11691m	2.686	ug/l	
44) 1,2-Dichloropropane	8.915	63	13256	2.475	ug/l #	85
45) Dibromomethane	9.012	93	7363	2.472	ug/l #	83
46) Bromodichloromethane	9.240	83	13464	2.333	ug/l #	74
47) Methyl methacrylate	9.025	41	13909	2.627	ug/l	95
48) 1,4-Dioxane	9.025	88	6831m	80.100	ug/l	
50) 4-Methyl-2-Pentanone	9.910	43	87738	13.893	ug/l	96
51) Toluene	10.103	92	29096	2.519	ug/l	97
52) t-1,3-Dichloropropene	10.356	75	9820	1.736	ug/l	91
53) cis-1,3-Dichloropropene	9.734	75	13244m	1.952	ug/l	
54) 1,1,2-Trichloroethane	10.562	97	12018	2.849	ug/l #	78
55) Ethyl methacrylate	10.436	69	17475	2.508	ug/l	95
56) 1,3-Dichloropropane	10.725	76	19599	2.727	ug/l #	75
57) 2-Chloroethyl Vinyl ether	9.586	63	6660	17.298	ug/l	91
58) 2-Hexanone	10.789	43	68160	16.010	ug/l	94
59) Dibromochloromethane	10.947	129	7118	1.994	ug/l	88
60) 1,2-Dibromoethane	11.065	107	10085	2.777	ug/l	84
63) Tetrachloroethene	10.645	164	8947	2.706	ug/l #	82
64) Chlorobenzene	11.556	112	31874	2.531	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.656	131	6742	1.960	ug/l #	60
66) Ethyl Benzene	11.656	91	46829	2.227	ug/l	96
67) m/p-Xylenes	11.781	106	37104	4.416	ug/l	98
68) o-Xylene	12.150	106	17421	2.136	ug/l	85
69) Styrene	12.169	104	29019	2.129	ug/l	100
70) Bromoform	12.346	173	4189	2.151	ug/l #	81
72) Isopropylbenzene	12.497	105	46185	2.391	ug/l	97
73) N-amyl acetate	12.291	43	18814	2.457	ug/l #	93
74) 1,1,2,2-Tetrachloroethane	12.785	83	17611	3.108	ug/l	69
75) 1,2,3-Trichloropropane	12.830	75	11284m	2.512	ug/l	
76) Bromobenzene	12.811	156	13240m	2.962	ug/l	
77) n-propylbenzene	12.888	91	54289	2.356	ug/l	99
78) 2-Chlorotoluene	12.978	91	31028	2.373	ug/l	95
79) 1,3,5-Trimethylbenzene	13.045	105	35287m	2.336	ug/l	
80) trans-1,4-Dichloro-2-b...	12.545	75	3013m	1.954	ug/l	
81) 4-Chlorotoluene	13.087	91	33455	2.505	ug/l	72
82) tert-Butylbenzene	13.344	119	31100	2.264	ug/l	98
83) 1,2,4-Trimethylbenzene	13.392	105	35208	2.355	ug/l	97
84) sec-Butylbenzene	13.546	105	48196	2.365	ug/l	81
85) p-Isopropyltoluene	13.674	119	35028	2.109	ug/l	90
86) 1,3-Dichlorobenzene	13.668	146	24225m	2.764	ug/l	
87) 1,4-Dichlorobenzene	13.754	146	26278	2.987	ug/l	93
88) n-Butylbenzene	14.043	91	36286	2.370	ug/l	95
89) Hexachloroethane	14.342	117	5002m	2.097	ug/l	
90) 1,2-Dichlorobenzene	14.098	146	24104m	2.928	ug/l	
91) 1,2-Dibromo-3-Chloropr...	14.794	75	2148m	2.846	ug/l	
92) 1,2,4-Trichlorobenzene	15.548	180	14132m	2.871	ug/l	
93) Hexachlorobutadiene	15.667	225	5091m	3.184	ug/l	
94) Naphthalene	15.831	128	66977	4.441	ug/l #	85
95) 1,2,3-Trichlorobenzene	16.049	180	15453m	3.307	ug/l	

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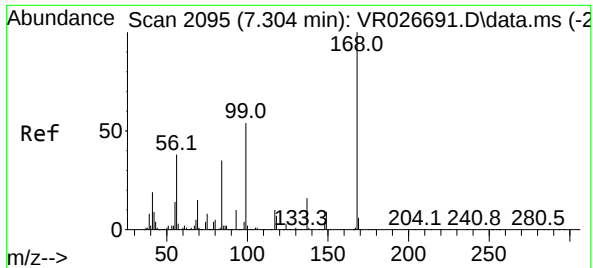
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations APPROVED

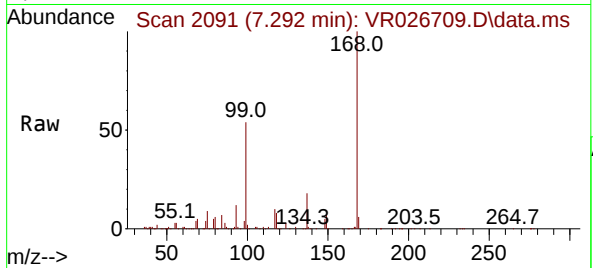
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.292 min Scan# 2095
Delta R.T. -0.012 min
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Acq: 5 Aug 2025 12:43

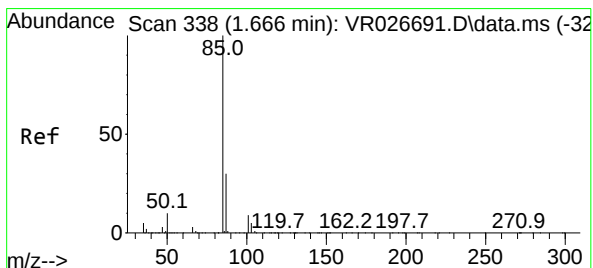
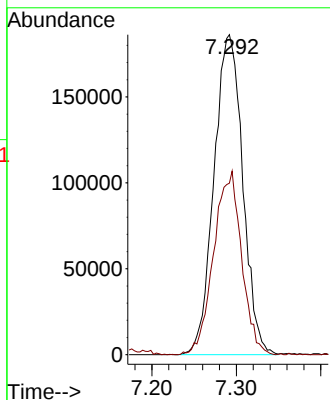
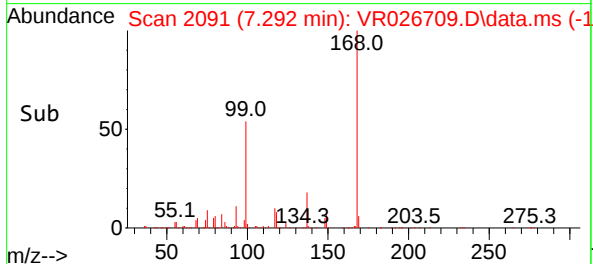
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Tgt Ion:168 Resp: 440344
Ion Ratio Lower Upper
168 100
99 53.6 43.8 65.8

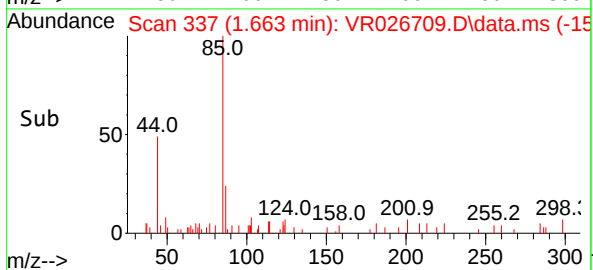
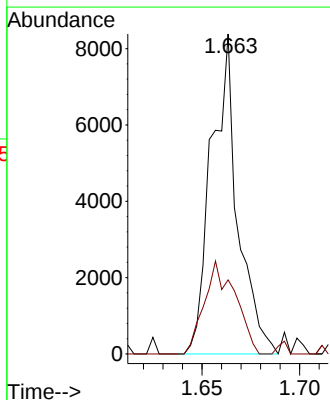
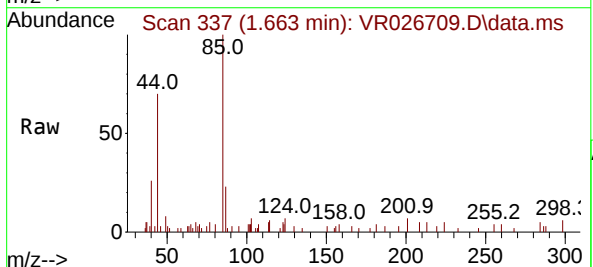
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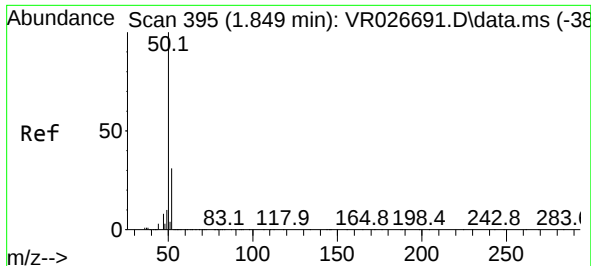
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#2
Dichlorodifluoromethane
Concen: 2.456 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

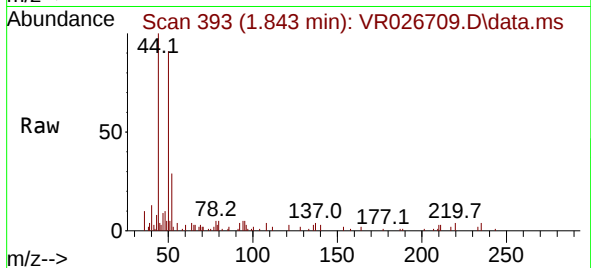
Tgt Ion: 85 Resp: 7881
Ion Ratio Lower Upper
85 100
87 23.1 15.2 45.5





#3
Chloromethane
Concen: 2.649 ug/l
RT: 1.843 min Scan# 393
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

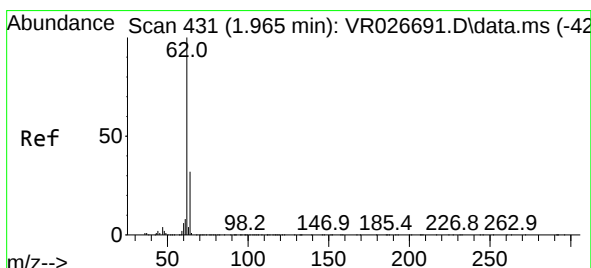
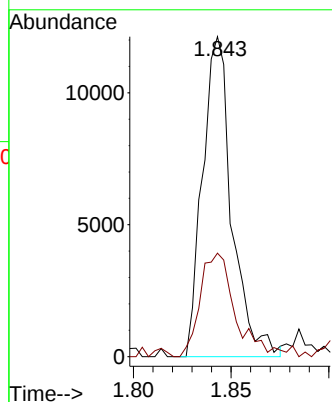
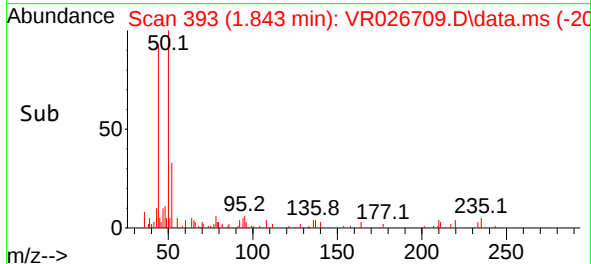
Instrument :
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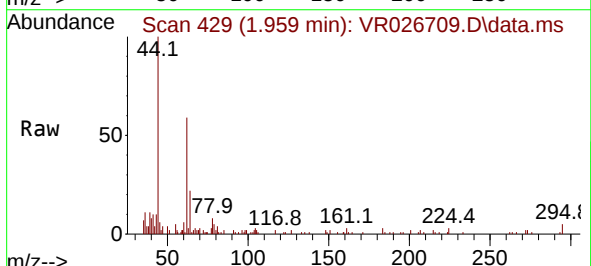
Tgt Ion: 50 Resp: 12639
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

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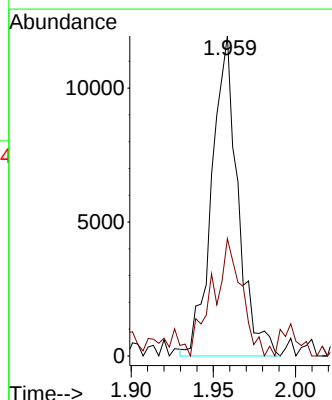
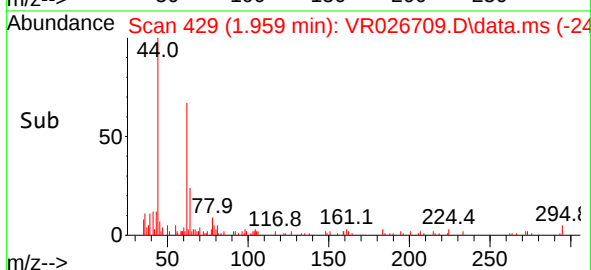
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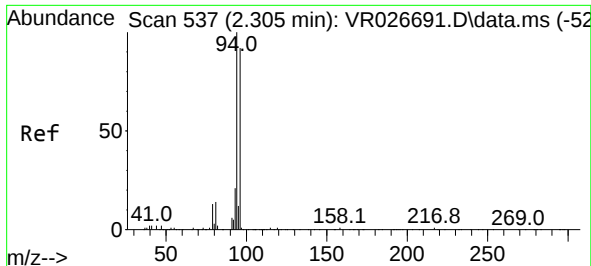


#4
Vinyl Chloride
Concen: 2.704 ug/l
RT: 1.959 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



Tgt Ion: 62 Resp: 13180
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9





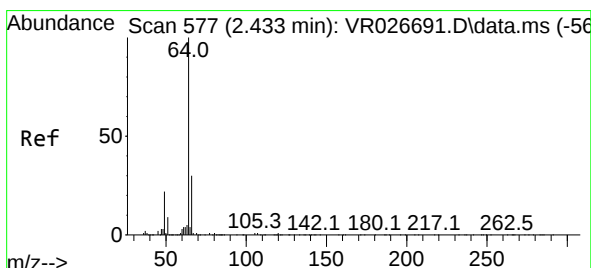
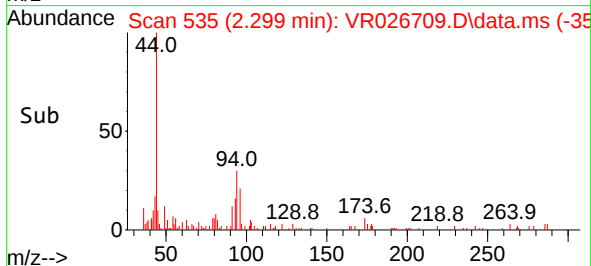
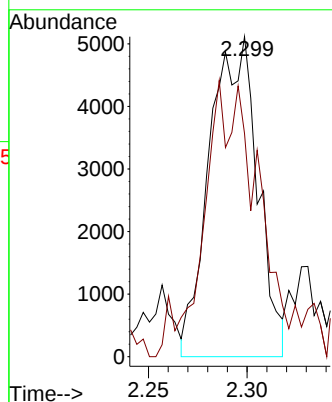
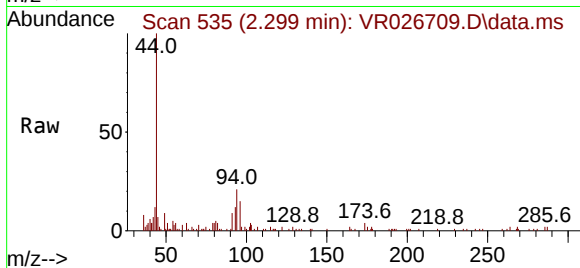
#5
Bromomethane
Concen: 3.628 ug/l m
RT: 2.299 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
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Tgt Ion: 94 Resp: 8618
Ion Ratio Lower Upper
94 100
96 69.8 73.3 109.9

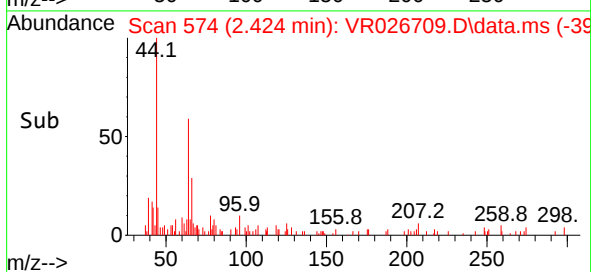
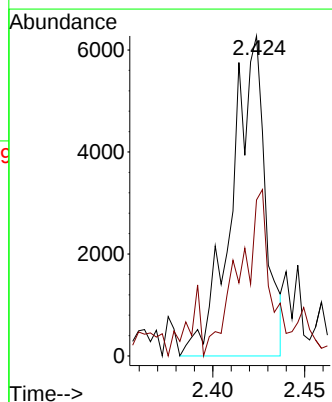
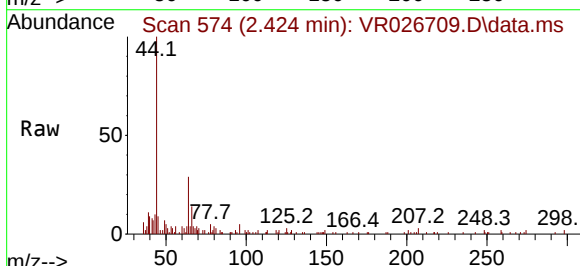
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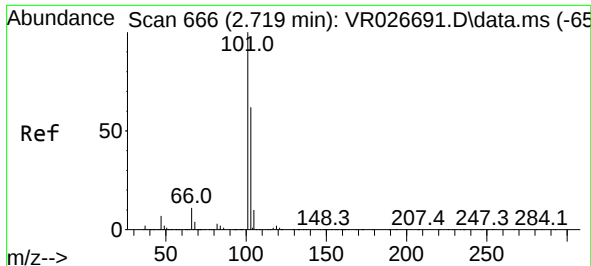
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#6
Chloroethane
Concen: 2.535 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 64 Resp: 7957
Ion Ratio Lower Upper
64 100
66 38.6 24.3 36.5





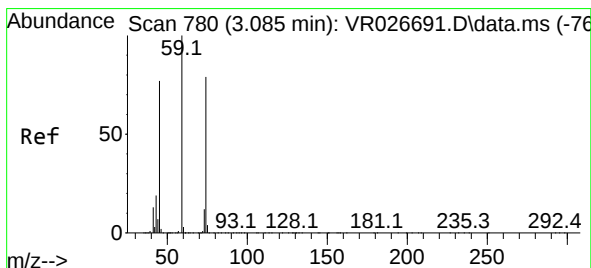
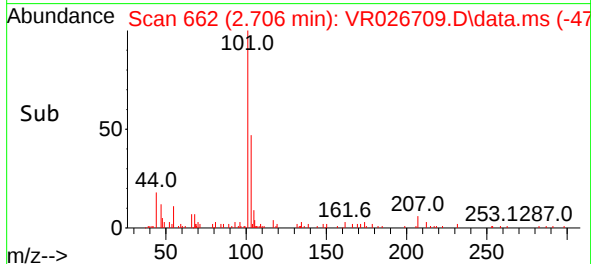
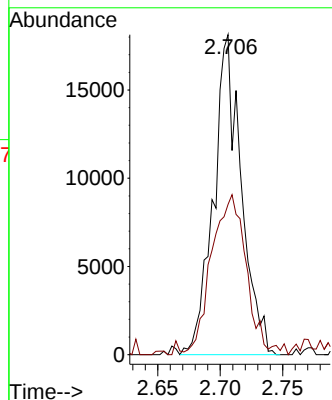
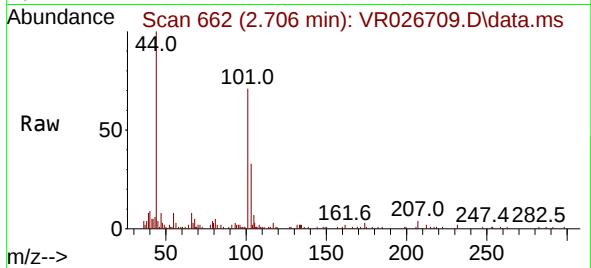
#7
 Trichlorofluoromethane
 Concen: 3.189 ug/l
 RT: 2.706 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

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Tgt Ion:101 Resp: 2802
 Ion Ratio Lower Upper
 101 100
 103 45.8 49.4 74.2

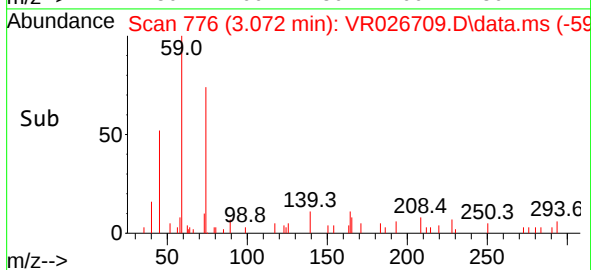
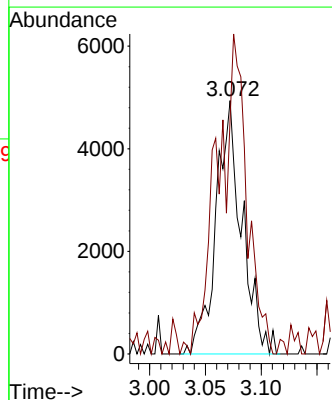
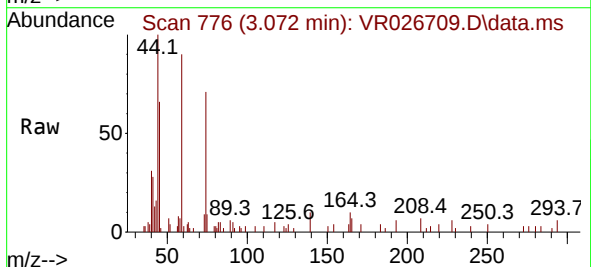
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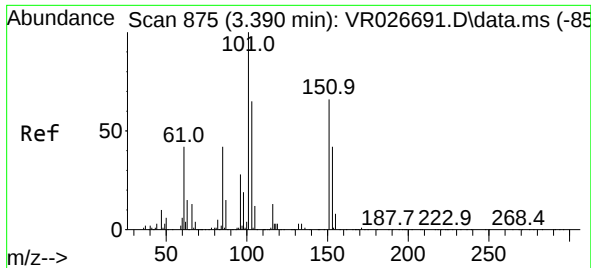
Reviewed By :Mahesh Dadoda 08/06/2025
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#8
 Diethyl Ether
 Concen: 2.048 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
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Tgt Ion: 74 Resp: 7985
 Ion Ratio Lower Upper
 74 100
 45 83.8 47.1 141.3





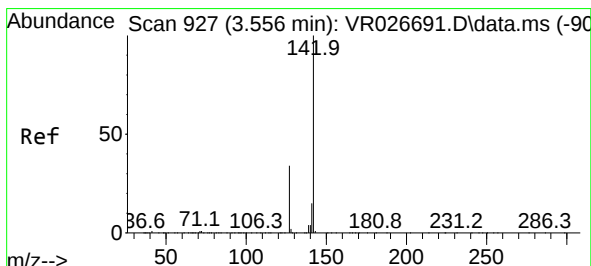
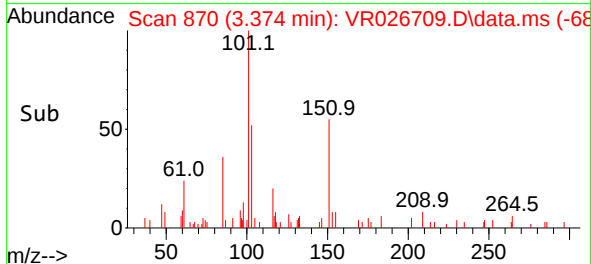
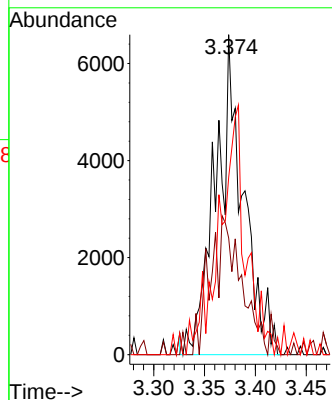
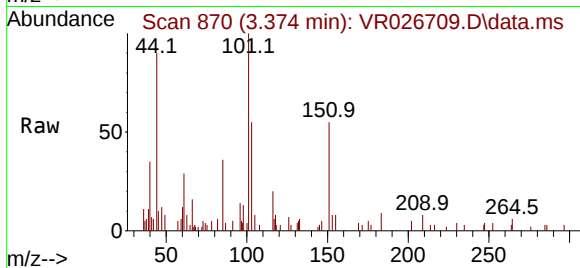
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.615 ug/l m
RT: 3.374 min Scan# 81
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :
MDL03

Tgt Ion:101 Resp: 1239
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7
151 66.5 53.4 80.0

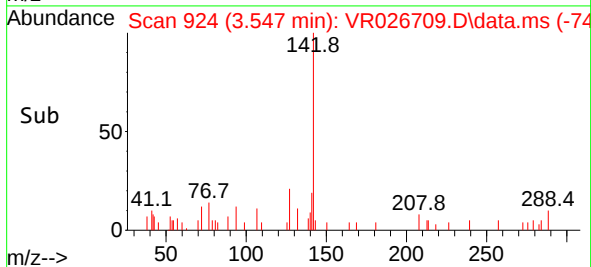
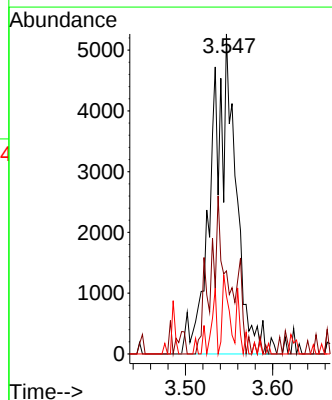
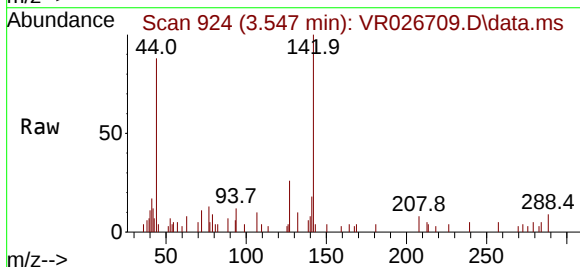
Manual Integrations
APPROVED

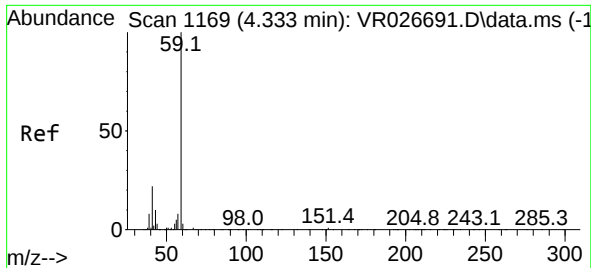
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#10
Methyl Iodide
Concen: 2.197 ug/l m
RT: 3.547 min Scan# 924
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

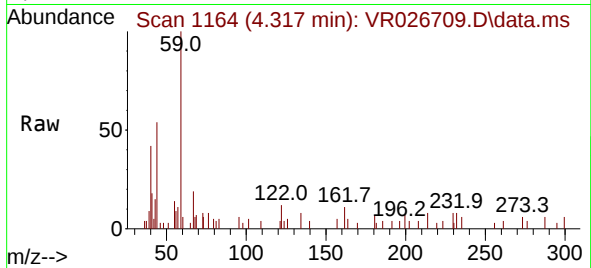
Tgt Ion:142 Resp: 10050
Ion Ratio Lower Upper
142 100
127 0.0 30.1 45.1#
141 7.0 10.8 16.2#





#11
Tert butyl alcohol
Concen: 13.759 ug/l m
RT: 4.317 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

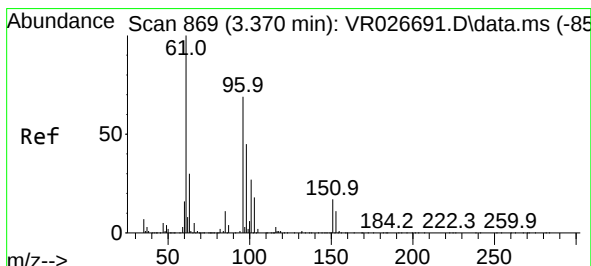
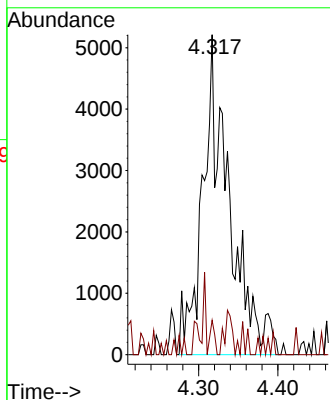
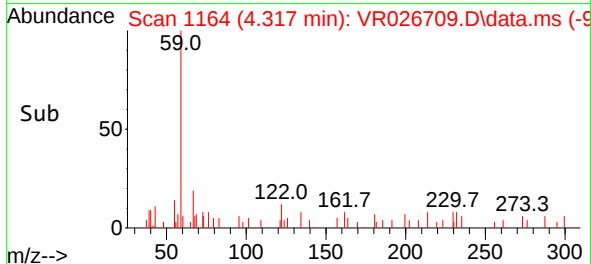
Instrument :
MSVOA_R
ClientSampleId :
MDL03



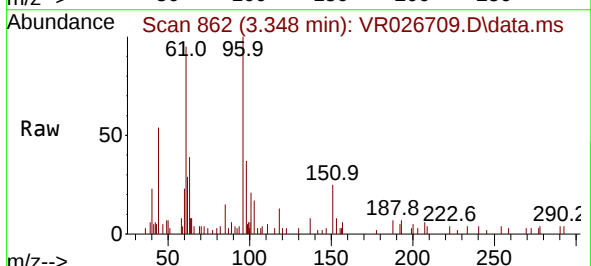
Tgt Ion: 59 Resp: 11998
Ion Ratio Lower Upper
59 100
57 3.8 7.7 11.5

Manual Integrations
APPROVED

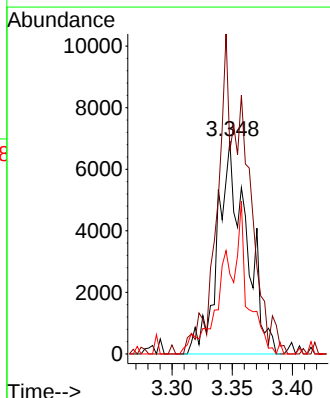
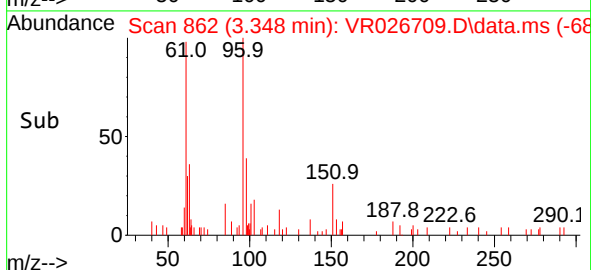
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

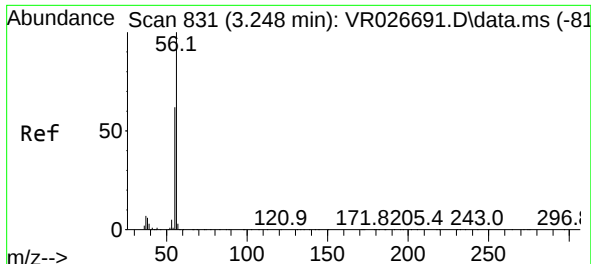


#12
1,1-Dichloroethene
Concen: 2.438 ug/l m
RT: 3.348 min Scan# 862
Delta R.T. -0.022 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



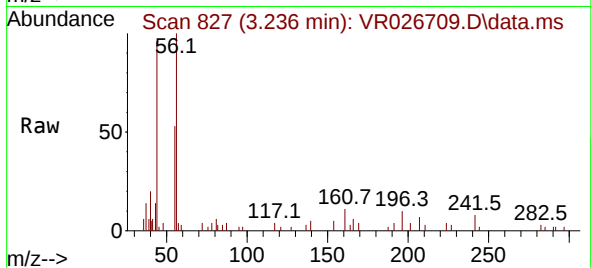
Tgt Ion: 96 Resp: 11418
Ion Ratio Lower Upper
96 100
61 95.5 116.2 174.4#
98 37.5 52.3 78.5#





#13
Acrolein
Concen: 8.417 ug/l
RT: 3.236 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

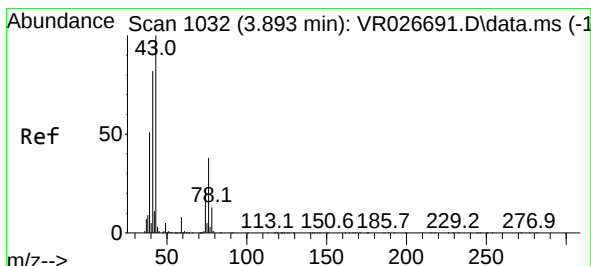
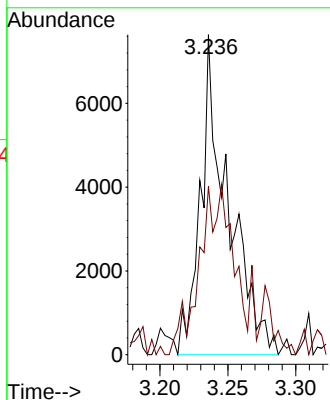
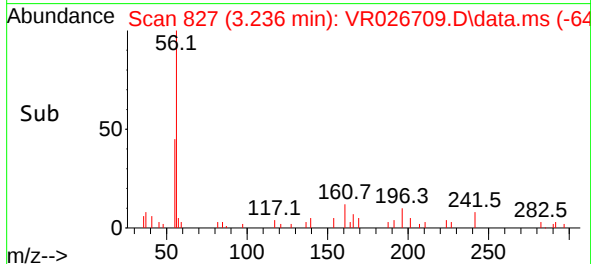
Instrument :
MSVOA_R
ClientSampleId :
MDL03



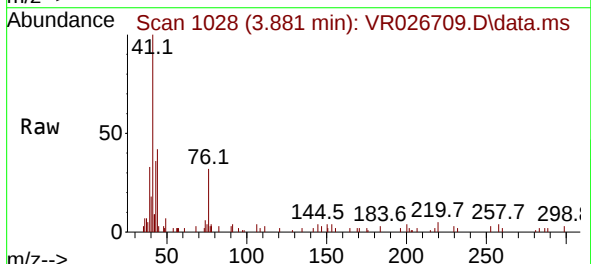
Tgt Ion: 56 Resp: 10729
Ion Ratio Lower Upper
56 100
55 20.6 53.8 80.8

Manual Integrations
APPROVED

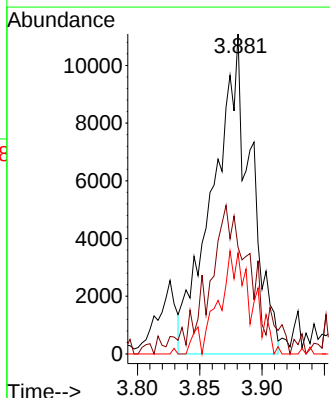
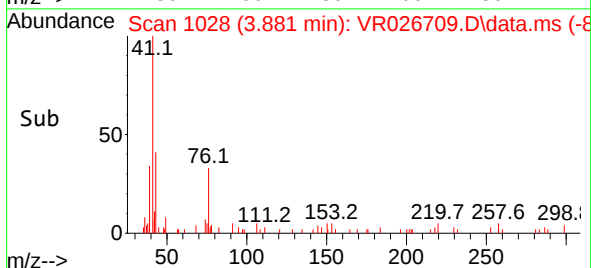
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

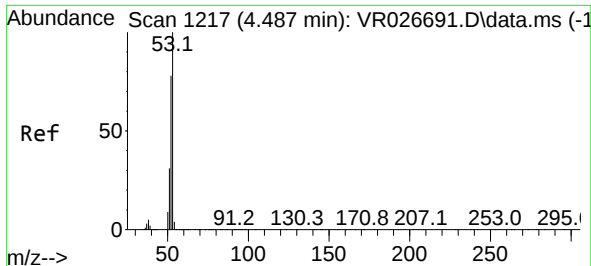


#14
Allyl chloride
Concen: 2.545 ug/l m
RT: 3.881 min Scan# 1028
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



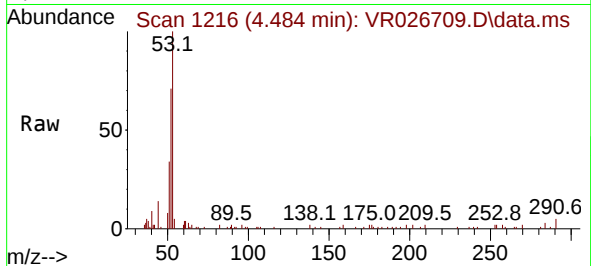
Tgt Ion: 41 Resp: 23450
Ion Ratio Lower Upper
41 100
39 46.4 44.2 66.2
76 26.9 31.0 46.4





#15
Acrylonitrile
Concen: 15.355 ug/l m
RT: 4.484 min Scan# 1
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

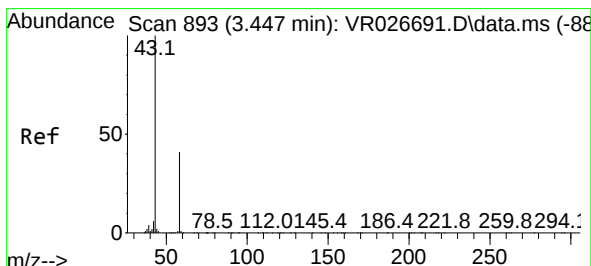
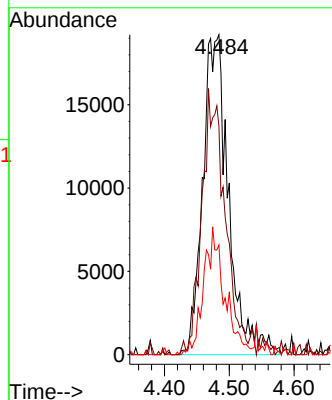
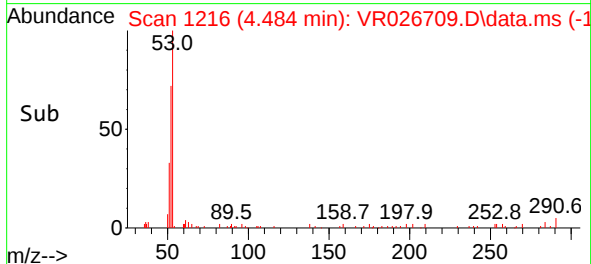
Instrument :
MSVOA_R
ClientSampleId :
MDL03



Tgt Ion: 53 Resp: 5315
Ion Ratio Lower Upper
53 100
52 34.5 61.4 92.2
51 32.2 25.8 38.6

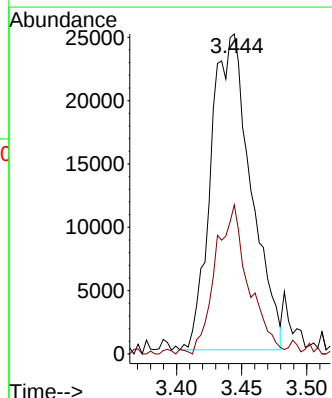
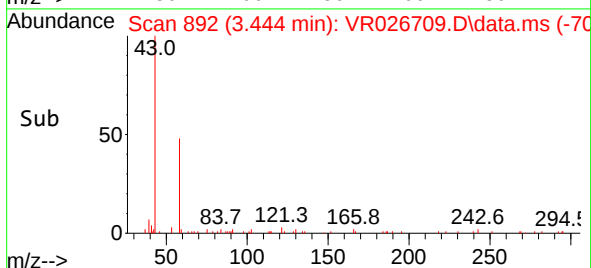
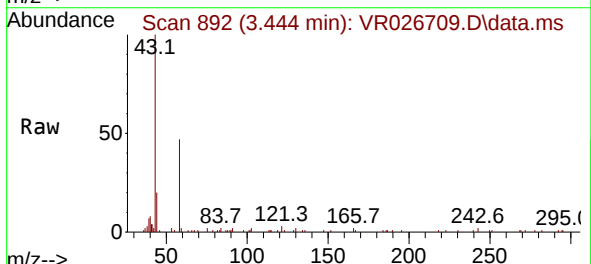
Manual Integrations
APPROVED

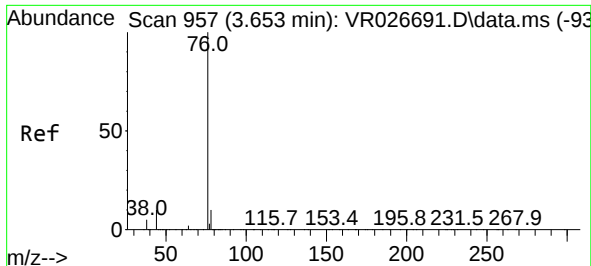
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#16
Acetone
Concen: 20.394 ug/l
RT: 3.444 min Scan# 892
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 43 Resp: 53345
Ion Ratio Lower Upper
43 100
58 45.8 32.9 49.3





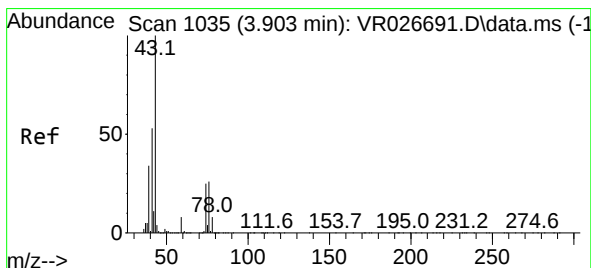
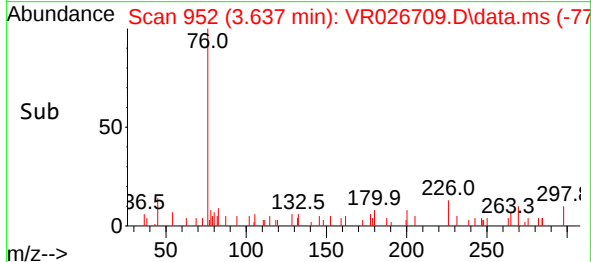
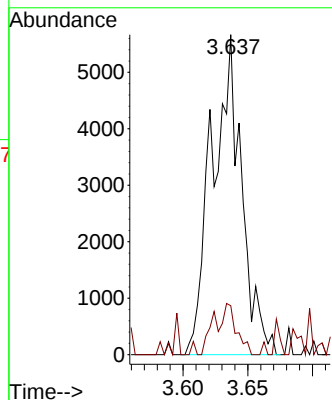
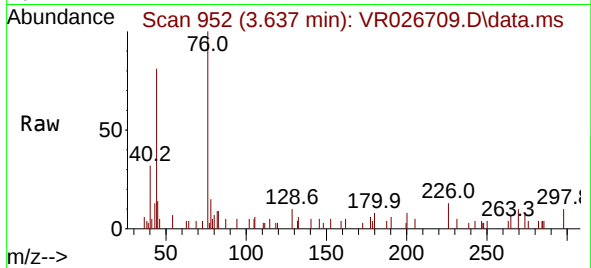
#17
Carbon Disulfide
Concen: 1.297 ug/l m
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :
MDL03

Tgt Ion: 76 Resp: 8992
Ion Ratio Lower Upper
76 100
78 15.3 7.8 11.6

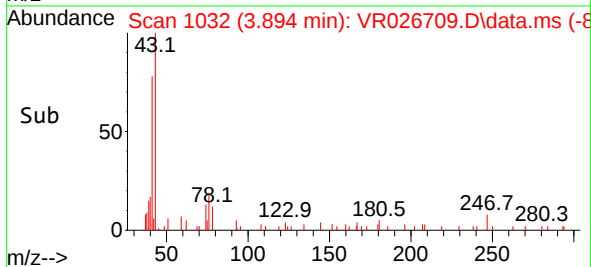
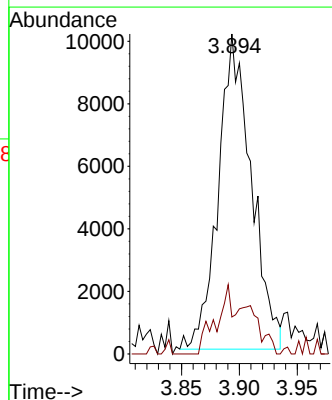
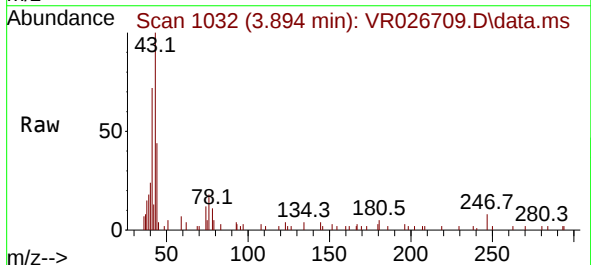
Manual Integrations
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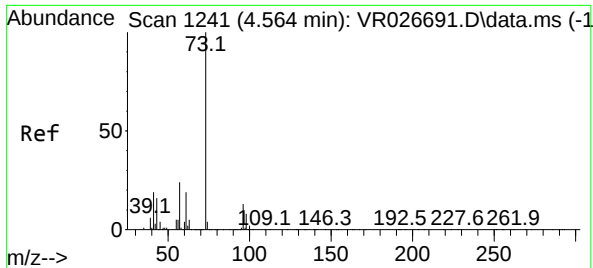
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#18
Methyl Acetate
Concen: 1.831 ug/l
RT: 3.894 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

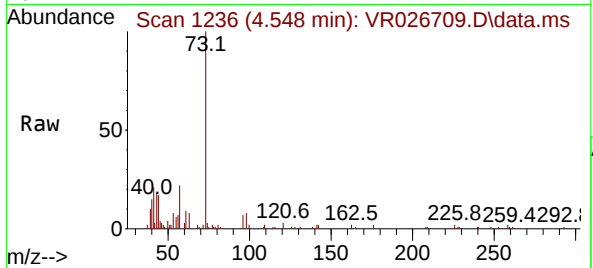
Tgt Ion: 43 Resp: 19986
Ion Ratio Lower Upper
43 100
74 7.2 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 2.299 ug/l
RT: 4.548 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

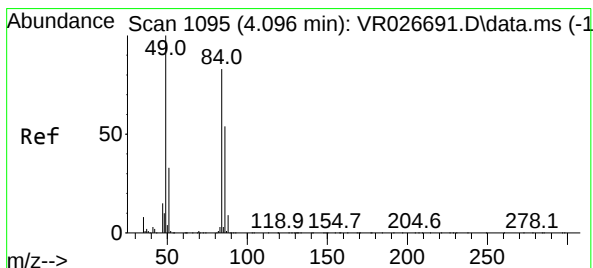
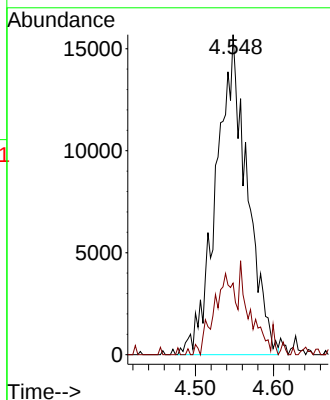
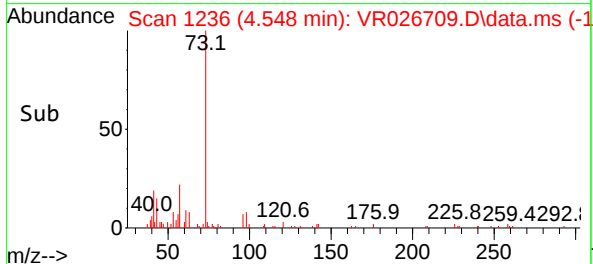
Instrument :
MSVOA_R
ClientSampleId :
MDL03



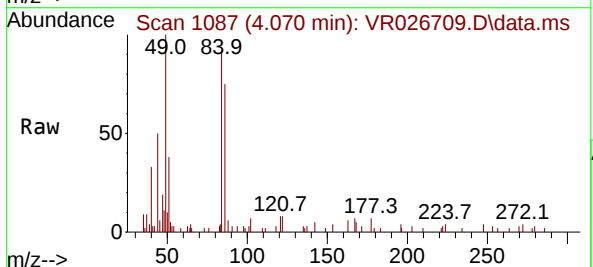
Tgt Ion: 73 Resp: 43090
Ion Ratio Lower Upper
73 100
57 22.3 19.4 29.0

Manual Integrations
APPROVED

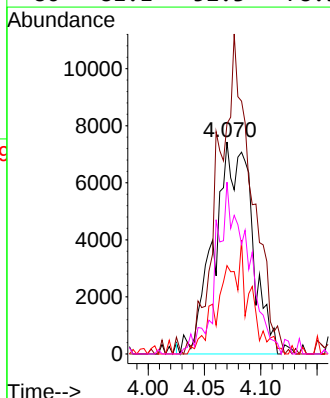
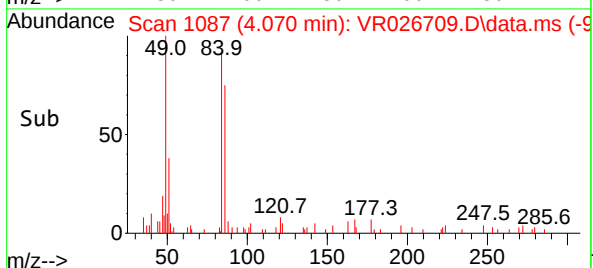
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

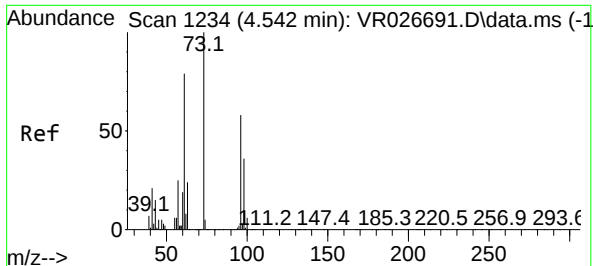


#20
Methylene Chloride
Concen: 2.804 ug/l m
RT: 4.070 min Scan# 1087
Delta R.T. -0.026 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



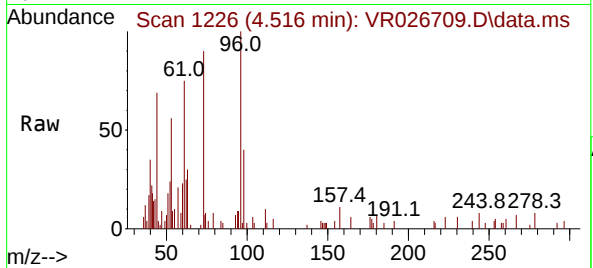
Tgt Ion: 84 Resp: 17404
Ion Ratio Lower Upper
84 100
49 108.7 96.2 144.4
51 41.7 31.8 47.6
86 81.1 52.3 78.5#





#21
trans-1,2-Dichloroethene
Concen: 2.428 ug/l
RT: 4.516 min Scan# 1518
Delta R.T. -0.026 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

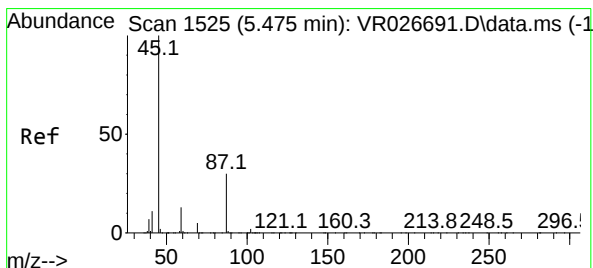
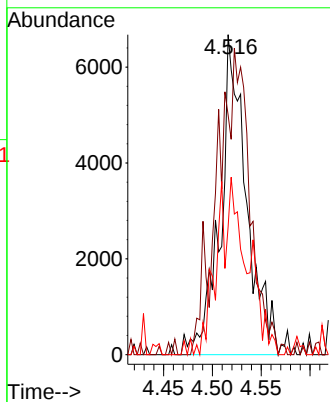
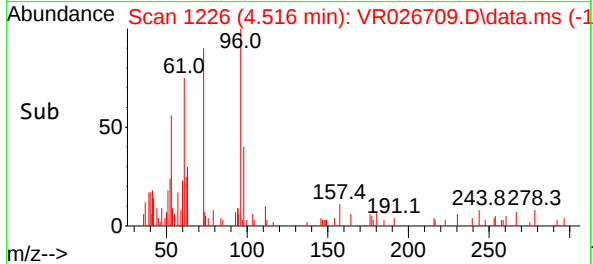
Instrument :
MSVOA_R
ClientSampleId :
MDL03



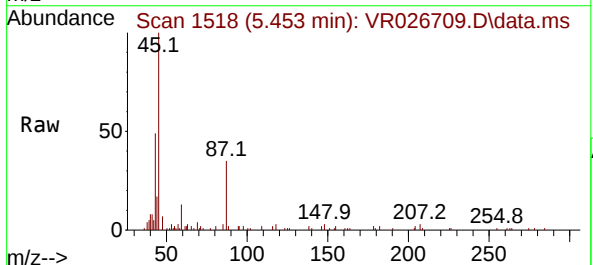
Tgt Ion: 96 Resp: 1250
Ion Ratio Lower Upper
96 100
61 74.9 110.3 165.5
98 40.0 50.2 75.4

Manual Integrations
APPROVED

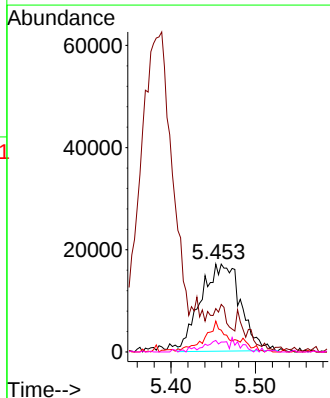
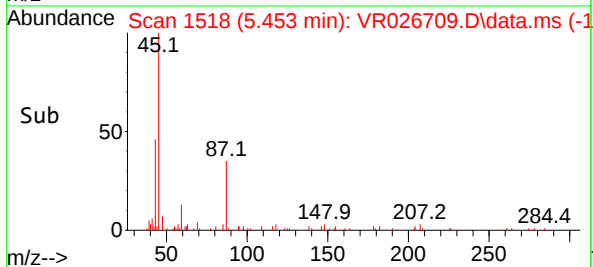
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

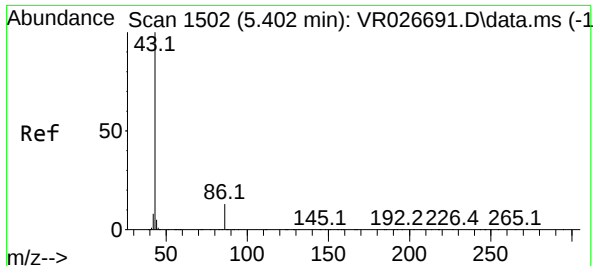


#22
Diisopropyl ether
Concen: 2.589 ug/l
RT: 5.453 min Scan# 1518
Delta R.T. -0.022 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



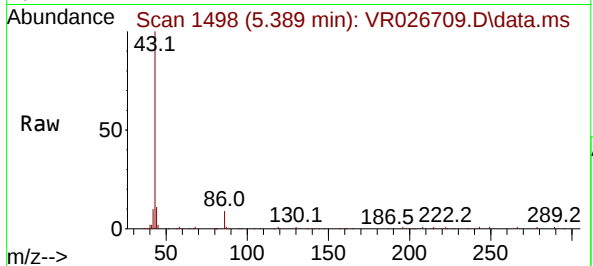
Tgt Ion: 45 Resp: 55909
Ion Ratio Lower Upper
45 100
43 44.7 38.2 57.2
87 35.8 24.0 36.0
59 13.3 10.1 15.1





#23
 Vinyl Acetate
 Concen: 13.828 ug/l
 RT: 5.389 min Scan# 1498
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

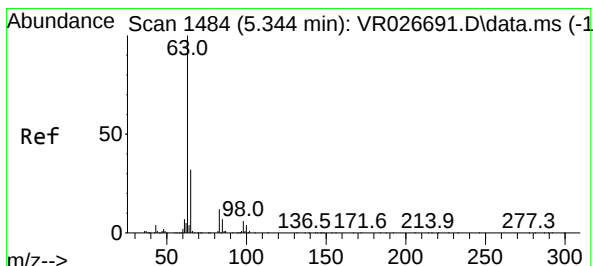
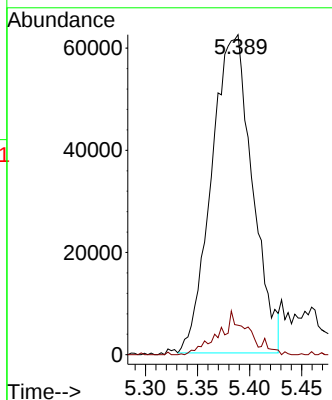
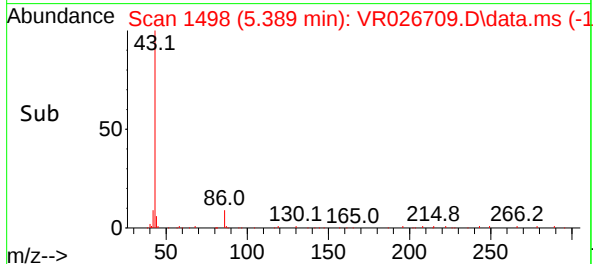
Instrument : MSVOA_R
 ClientSampleId : MDL03



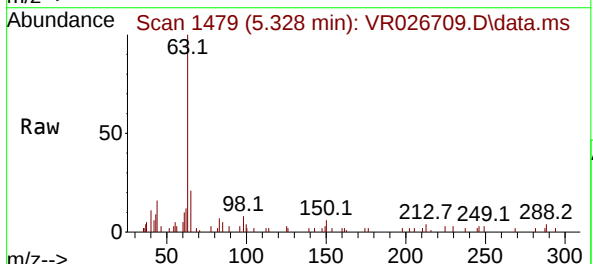
Tgt Ion: 43 Resp: 17026
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.7 16.1

Manual Integrations
 APPROVED

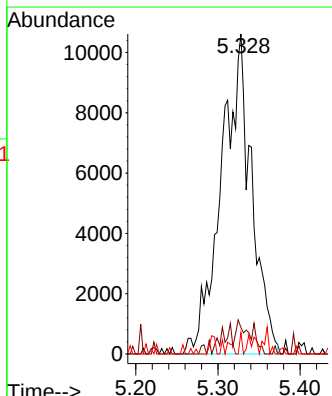
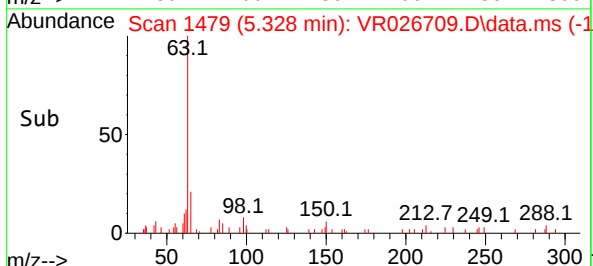
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

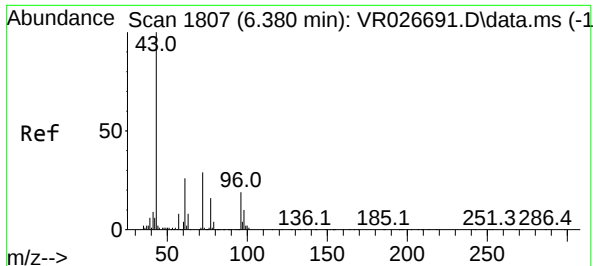


#24
 1,1-Dichloroethane
 Concen: 2.472 ug/l m
 RT: 5.328 min Scan# 1479
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43



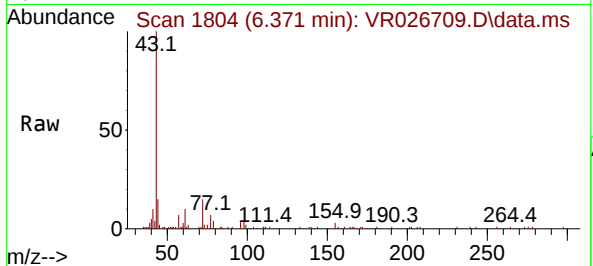
Tgt Ion: 63 Resp: 27031
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.9 8.8
 100 4.4 1.8 5.4





#25
2-Butanone
Concen: 16.623 ug/l
RT: 6.371 min Scan# 1793
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

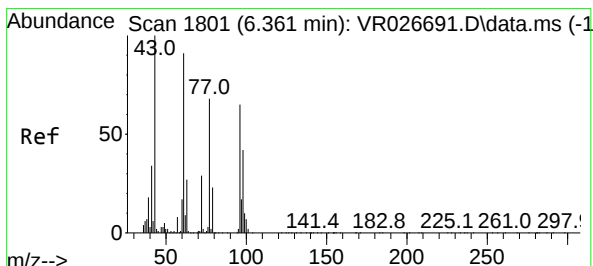
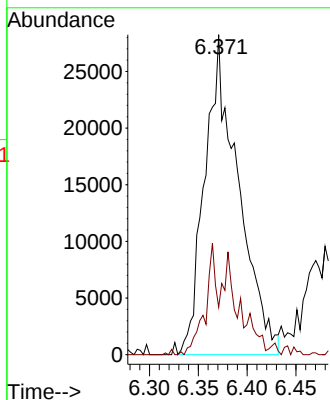
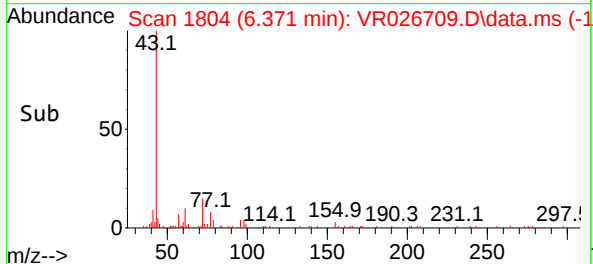
Instrument :
MSVOA_R
ClientSampleId :
MDL03



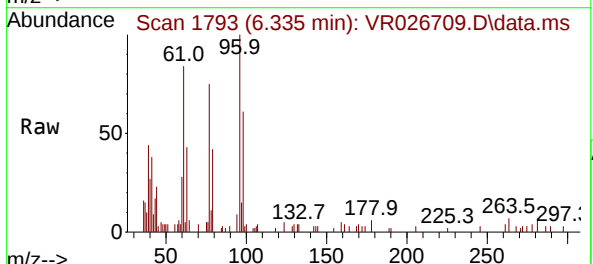
Tgt Ion: 43 Resp: 67300
Ion Ratio Lower Upper
43 100
72 14.9 23.1 34.7

Manual Integrations
APPROVED

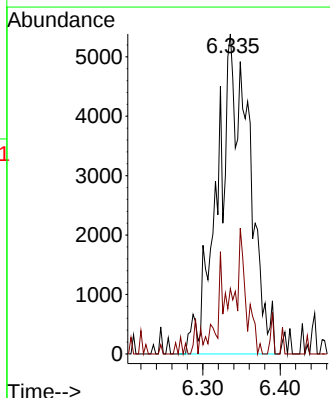
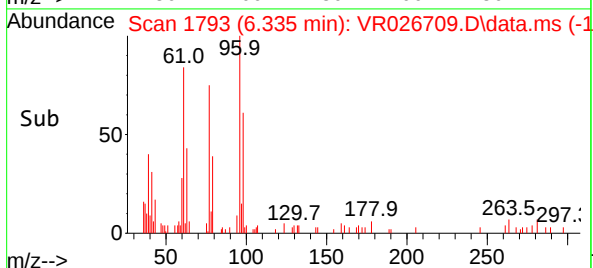
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

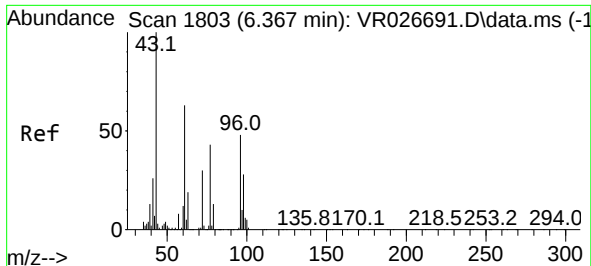


#26
2,2-Dichloropropane
Concen: 2.033 ug/l m
RT: 6.335 min Scan# 1793
Delta R.T. -0.026 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



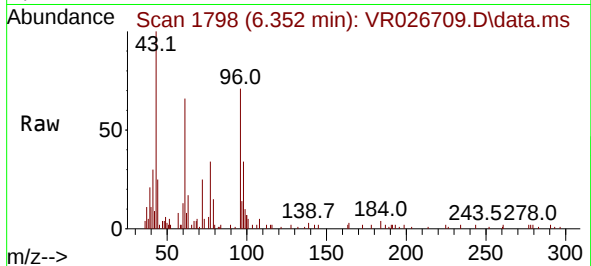
Tgt Ion: 77 Resp: 15366
Ion Ratio Lower Upper
77 100
97 4.0 12.3 36.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.454 ug/l m
 RT: 6.352 min Scan# 1
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

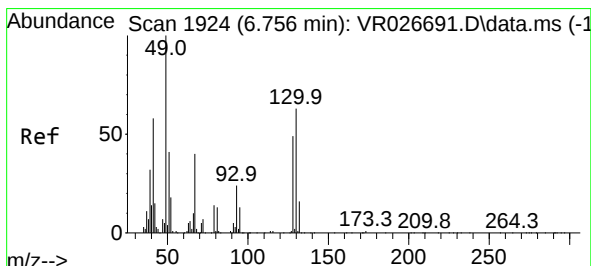
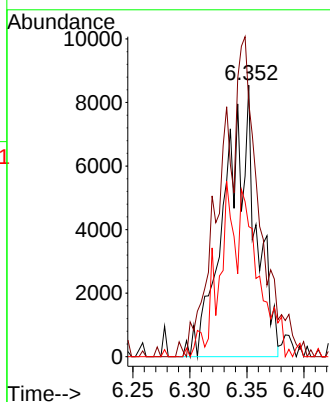
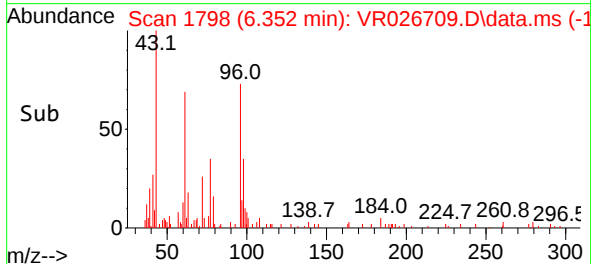
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL03



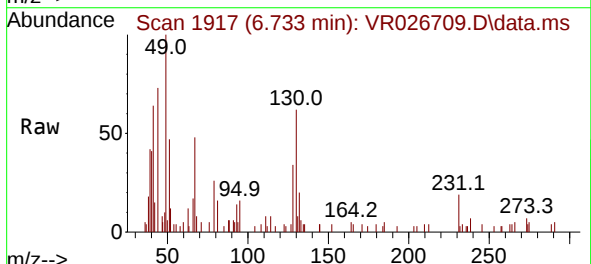
Tgt Ion: 96 Resp: 1625
 Ion Ratio Lower Upper
 96 100
 61 59.2 0.0 279.8
 98 25.5 0.0 125.2

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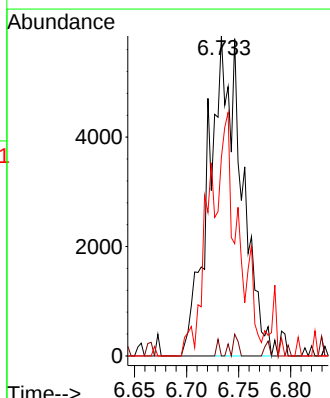
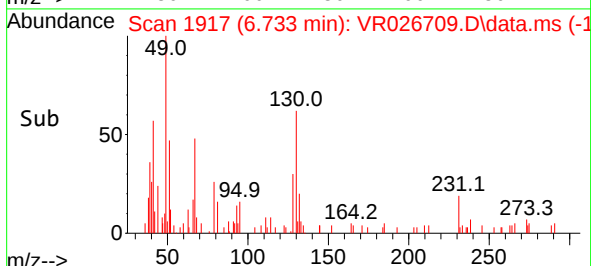
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

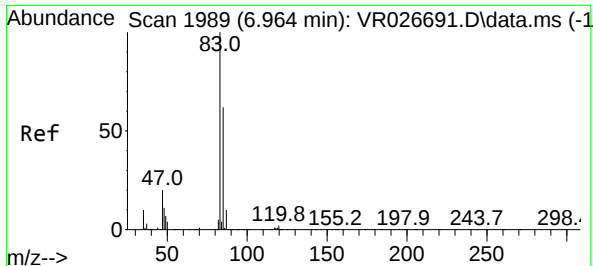


#28
 Bromochloromethane
 Concen: 3.281 ug/l
 RT: 6.733 min Scan# 1917
 Delta R.T. -0.022 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43



Tgt Ion: 49 Resp: 12928
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.4
 130 22.2 52.2 78.4#





#29

Chloroform

Concen: 2.258 ug/l

RT: 6.945 min Scan# 1989

Delta R.T. -0.019 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion: 83 Resp: 21390

Ion Ratio Lower Upper

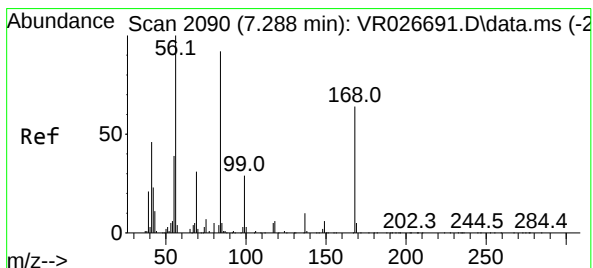
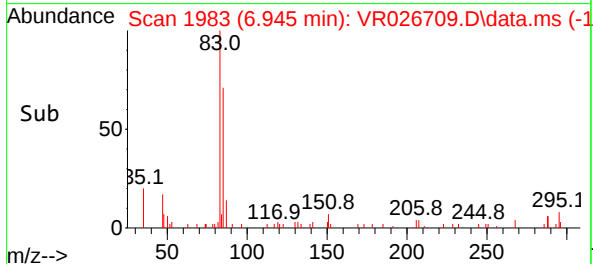
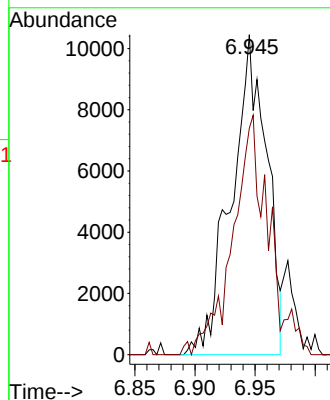
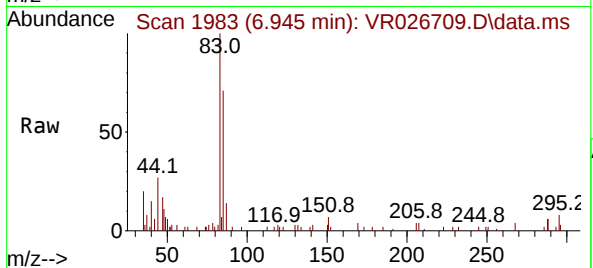
83 100

85 70.7 49.6 74.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#30

Cyclohexane

Concen: 3.056 ug/l m

RT: 7.279 min Scan# 2087

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

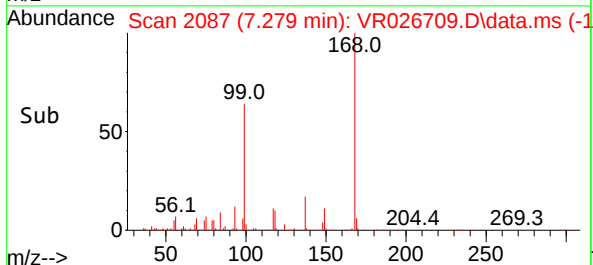
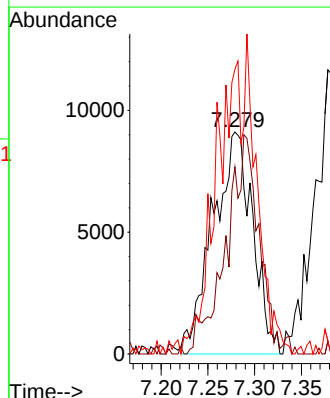
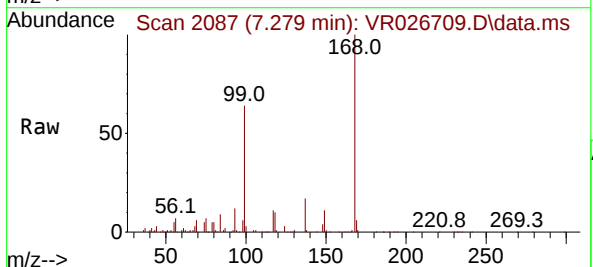
Tgt Ion: 56 Resp: 26986

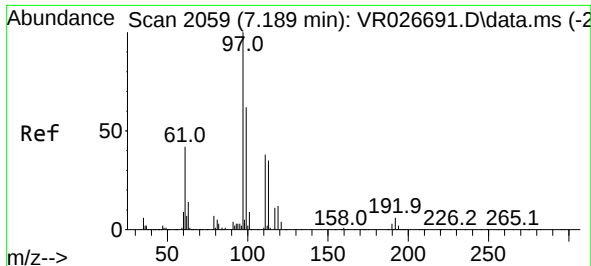
Ion Ratio Lower Upper

56 100

69 84.3 24.8 37.2#

84 128.3 73.1 109.7#





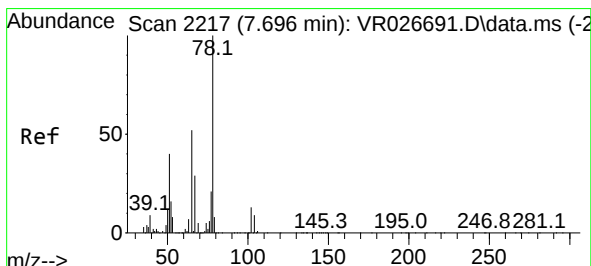
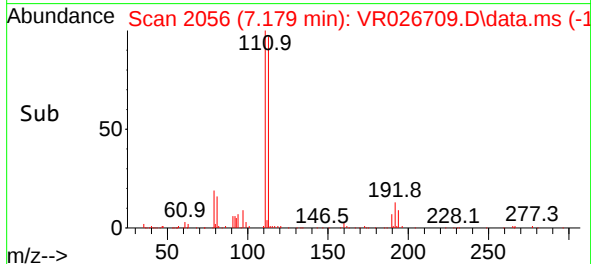
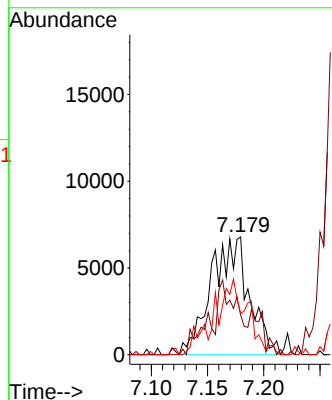
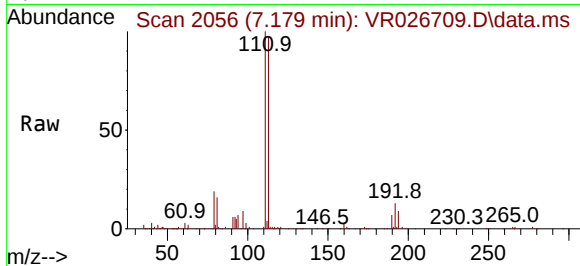
#31
1,1,1-Trichloroethane
Concen: 2.347 ug/l m
RT: 7.179 min Scan# 2056
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument : MSVOA_R
ClientSampleId : MDL03

Tgt Ion: 97 Resp: 16062
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6
61 16.7 36.3 54.5

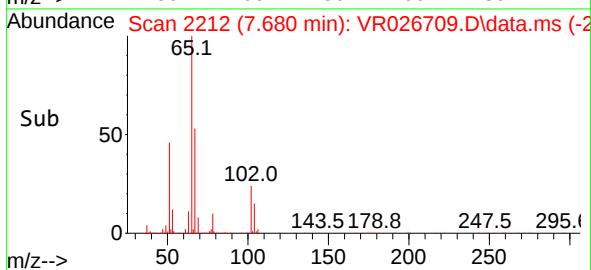
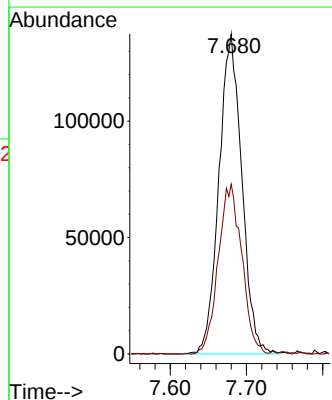
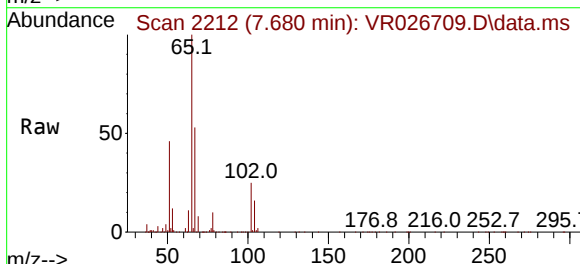
Manual Integrations
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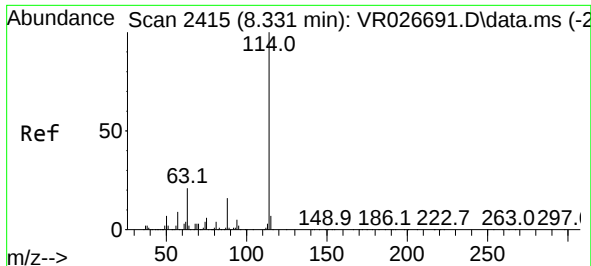
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#32
1,2-Dichloroethane-d4
Concen: 51.413 ug/l
RT: 7.680 min Scan# 2212
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 65 Resp: 286539
Ion Ratio Lower Upper
65 100
67 54.6 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.322 min Scan# 2415

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion:114 Resp: 80534

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

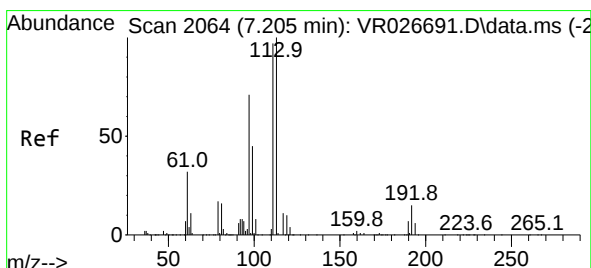
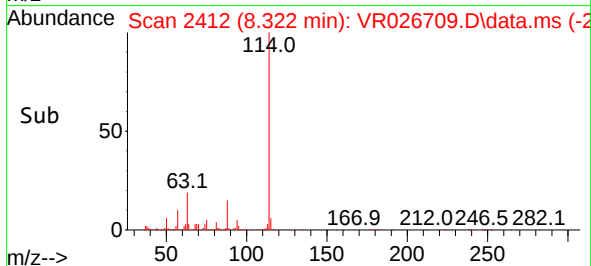
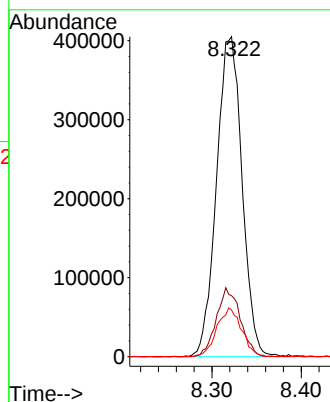
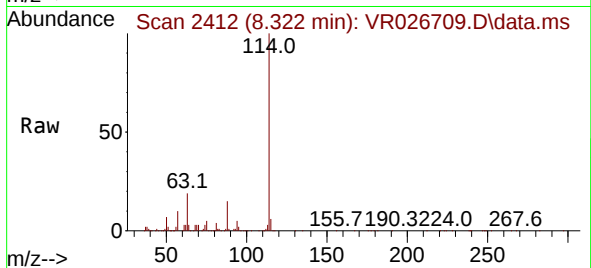
88 14.6 0.0 32.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#34

Dibromofluoromethane

Concen: 46.458 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

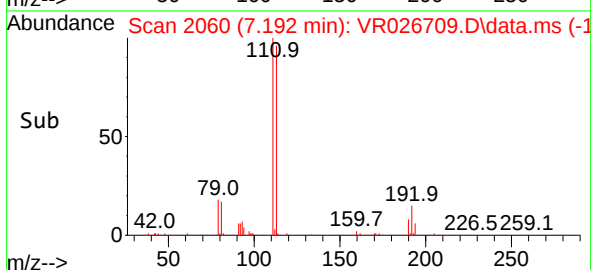
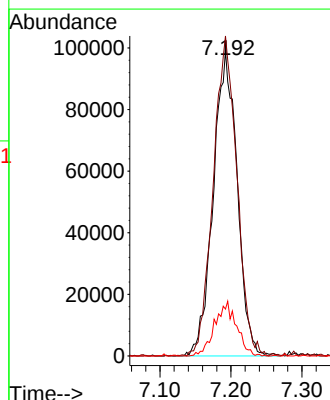
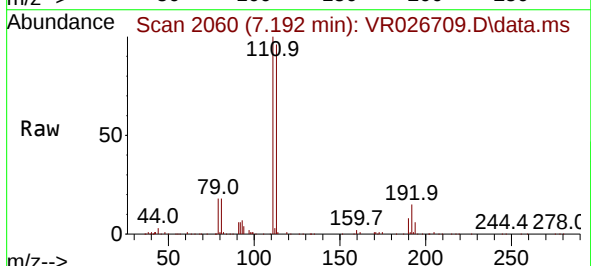
Tgt Ion:113 Resp: 231415

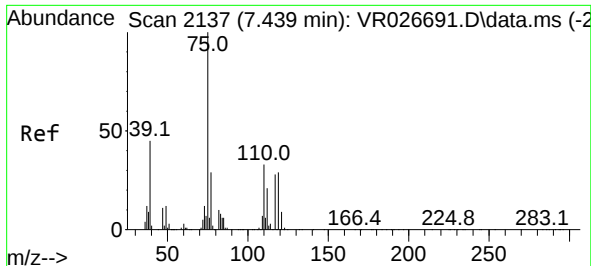
Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

192 16.3 12.3 18.5





#35

1,1-Dichloropropene

Concen: 2.295 ug/l

RT: 7.427 min Scan# 2137

Delta R.T. -0.013 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

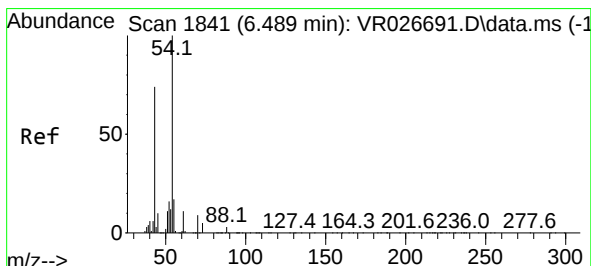
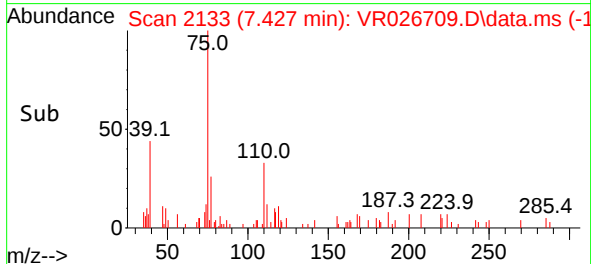
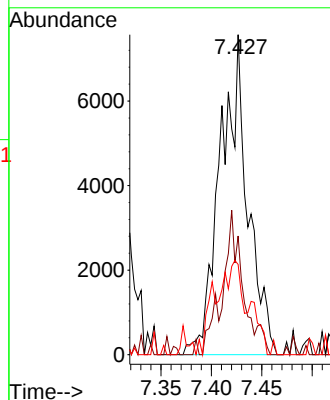
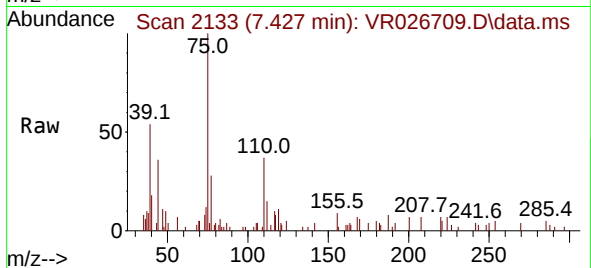
MDL03

Tgt Ion: 75	Resp: 1442
Ion Ratio	Lower Upper
75 100	
110 31.2	17.0 50.9
77 10.3	24.6 37.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#36

Ethyl Acetate

Concen: 2.745 ug/l m

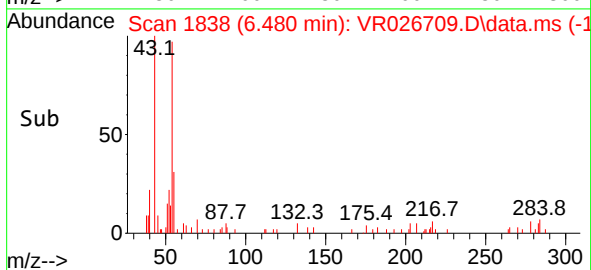
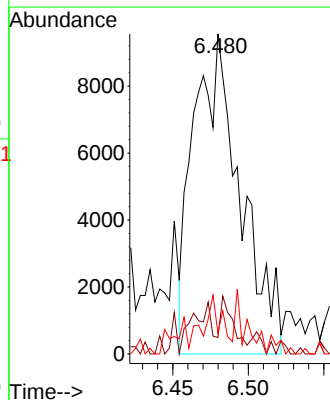
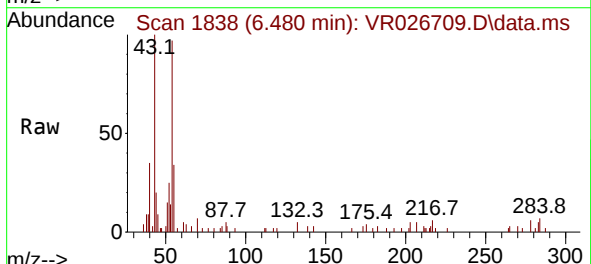
RT: 6.480 min Scan# 1838

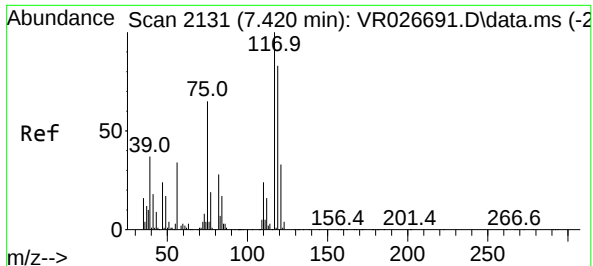
Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

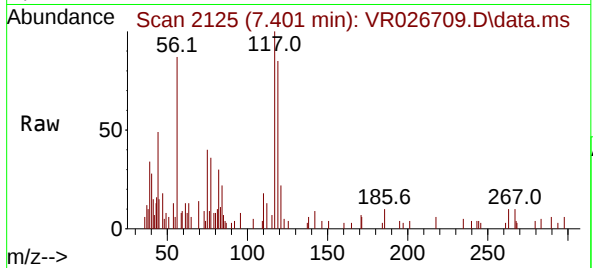
Tgt Ion: 43	Resp: 20650
Ion Ratio	Lower Upper
43 100	
61 6.9	12.0 18.0#
70 7.3	9.0 13.6#





#37
Carbon Tetrachloride
Concen: 2.114 ug/l m
RT: 7.401 min Scan# 2131
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

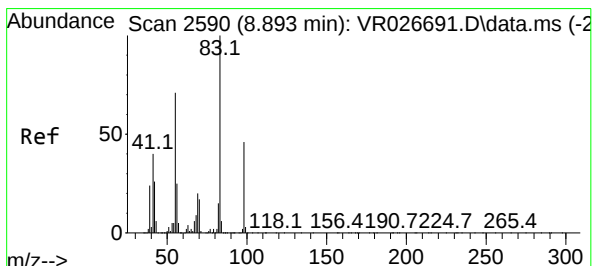
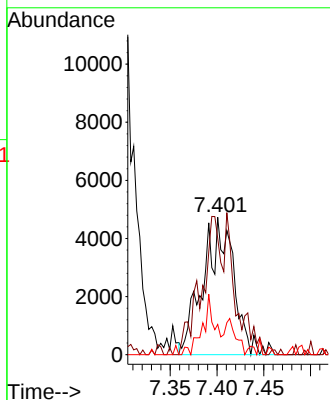
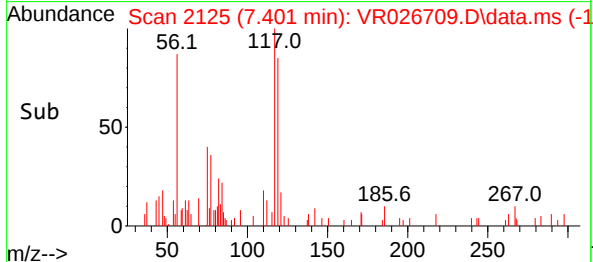
Instrument :
MSVOA_R
ClientSampleId :
MDL03



Tgt Ion: 117 Resp: 1082
Ion Ratio Lower Upper
117 100
119 84.6 67.0 100.4
121 22.0 26.3 39.5

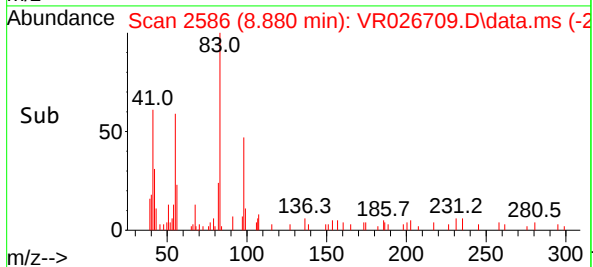
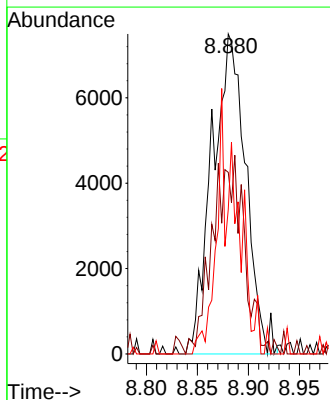
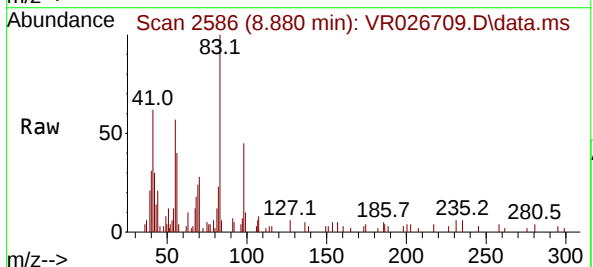
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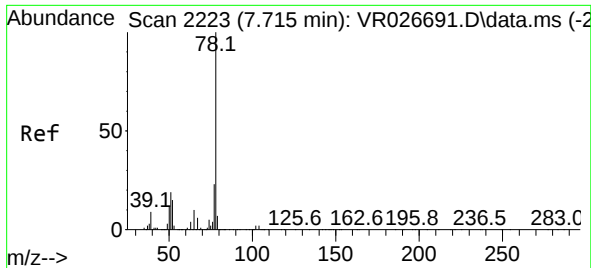
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#38
Methylcyclohexane
Concen: 2.385 ug/l m
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

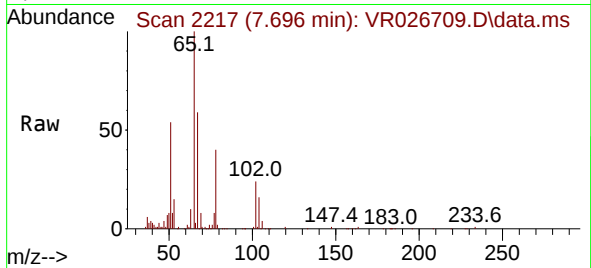
Tgt Ion: 83 Resp: 17154
Ion Ratio Lower Upper
83 100
55 56.8 56.7 85.1
98 45.3 36.7 55.1





#39
Benzene
Concen: 2.306 ug/l
RT: 7.696 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

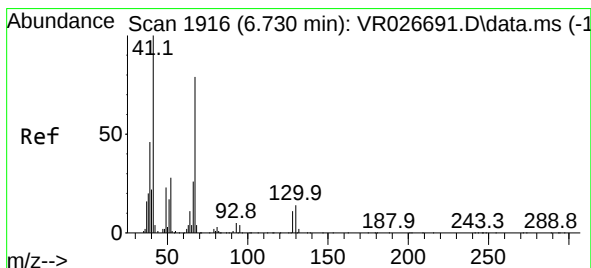
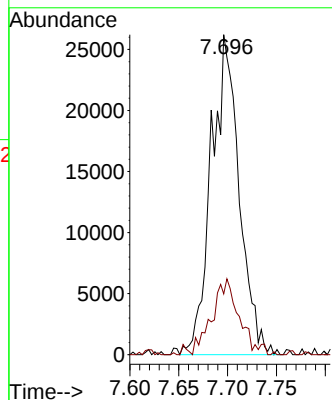
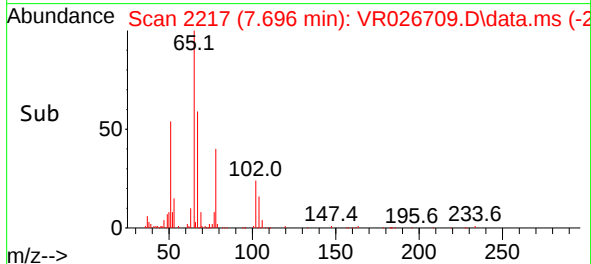
Instrument :
MSVOA_R
ClientSampleId :
MDL03



Tgt Ion: 78 Resp: 52186
Ion Ratio Lower Upper
78 100
77 19.0 18.8 28.2

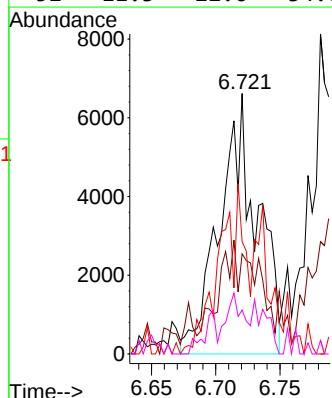
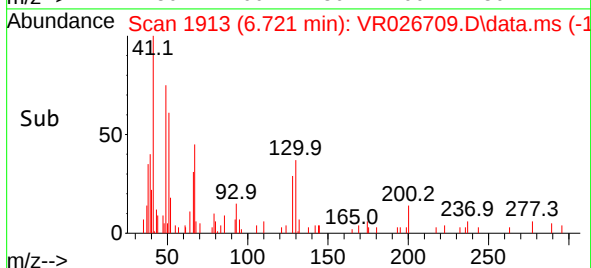
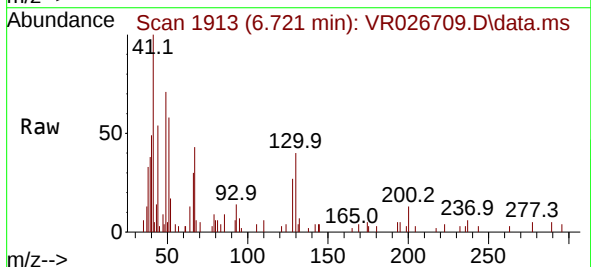
Manual Integrations
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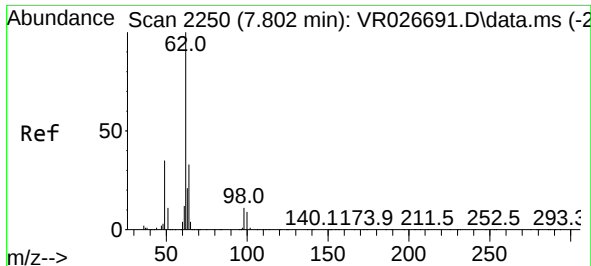
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#40
Methacrylonitrile
Concen: 2.863 ug/l m
RT: 6.721 min Scan# 1913
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 41 Resp: 13387
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 14.3 65.6 98.4#
52 11.3 22.6 34.0#





#41

1,2-Dichloroethane

Concen: 2.837 ug/l

RT: 7.786 min Scan# 21

Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion: 62 Resp: 16329

Ion Ratio Lower Upper

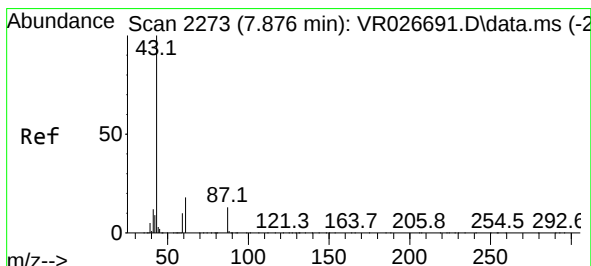
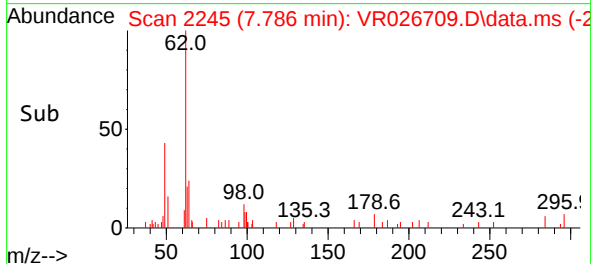
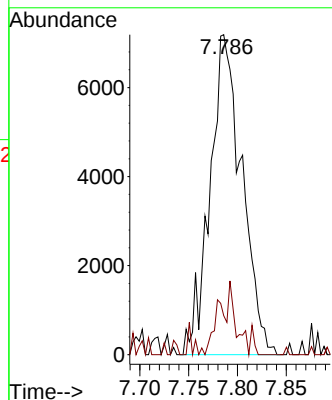
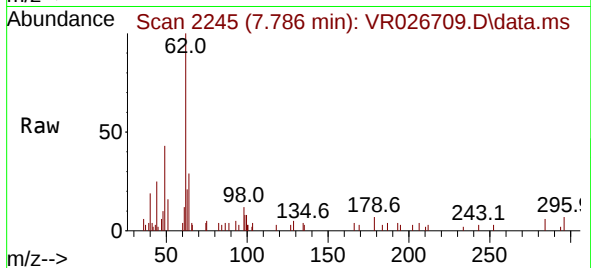
62 100

98 5.3 0.0 22.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#42

Isopropyl Acetate

Concen: 2.812 ug/l

RT: 7.873 min Scan# 2272

Delta R.T. -0.003 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

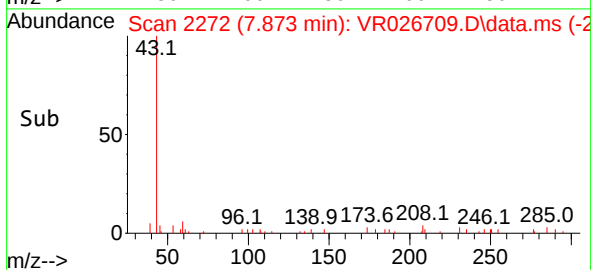
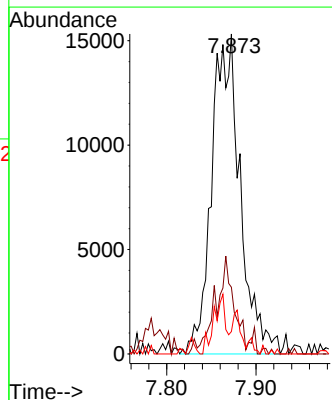
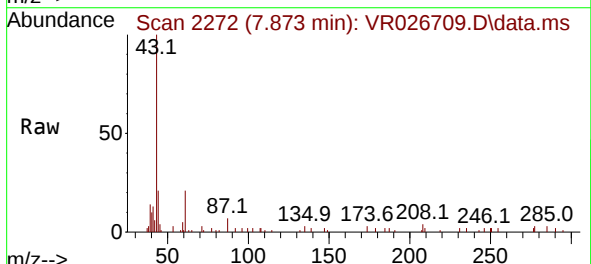
Tgt Ion: 43 Resp: 34019

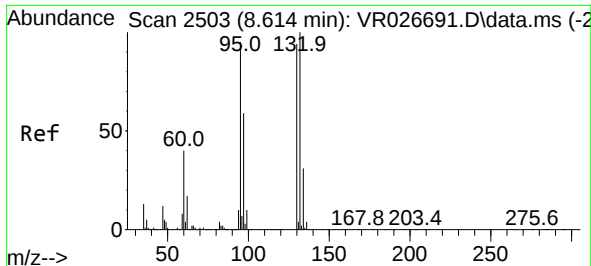
Ion Ratio Lower Upper

43 100

61 0.0 17.9 26.9#

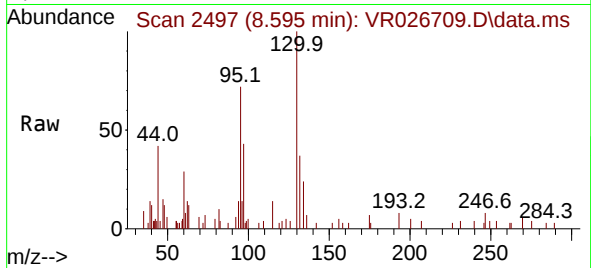
87 3.2 10.8 16.2#





#43
Trichloroethene
Concen: 2.686 ug/l m
RT: 8.595 min Scan# 24
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

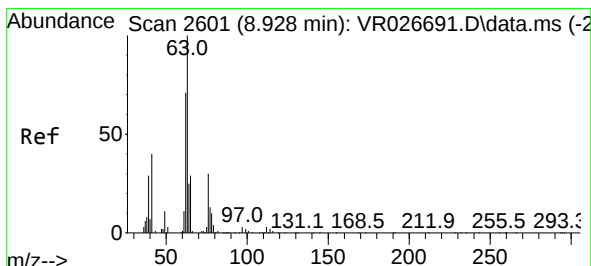
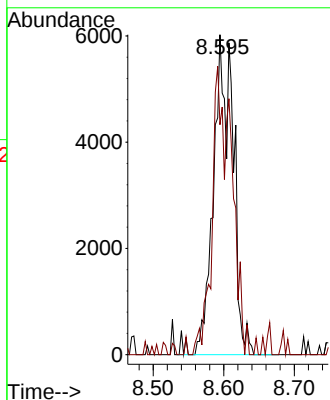
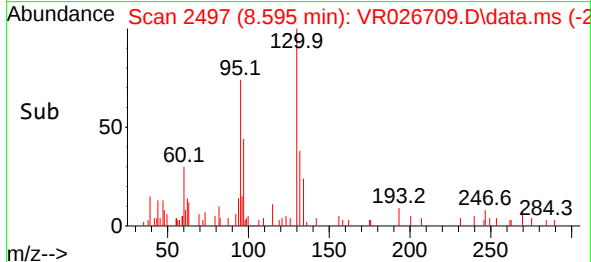
Instrument :
MSVOA_R
ClientSampleId :
MDL03



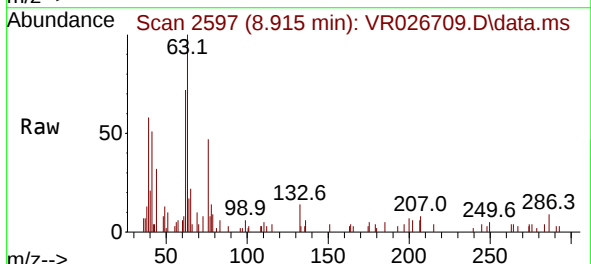
Tgt Ion:130 Resp: 1169
Ion Ratio Lower Upper
130 100
95 71.9 0.0 200.6

Manual Integrations
APPROVED

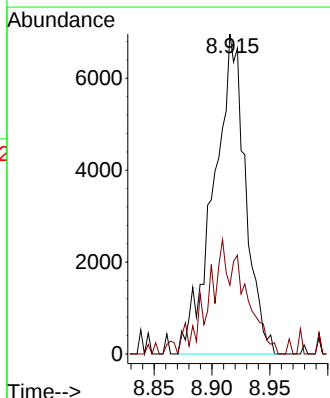
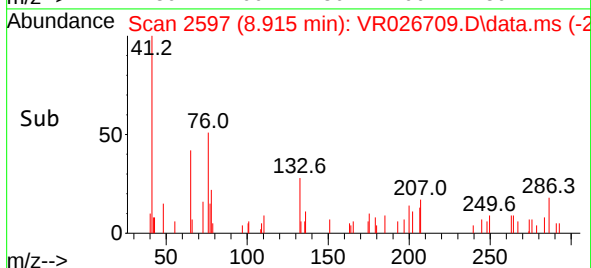
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

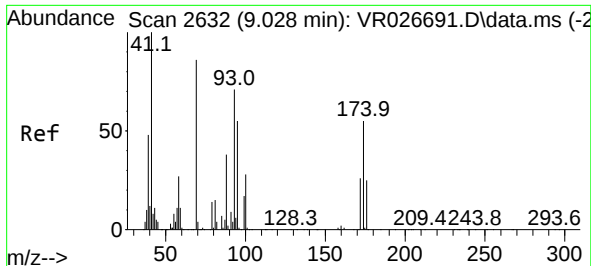


#44
1,2-Dichloropropane
Concen: 2.475 ug/l
RT: 8.915 min Scan# 2597
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



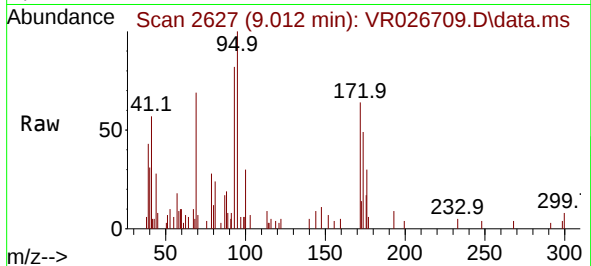
Tgt Ion: 63 Resp: 13256
Ion Ratio Lower Upper
63 100
65 21.5 23.8 35.8#





#45
Dibromomethane
Concen: 2.472 ug/l
RT: 9.012 min Scan# 2632
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

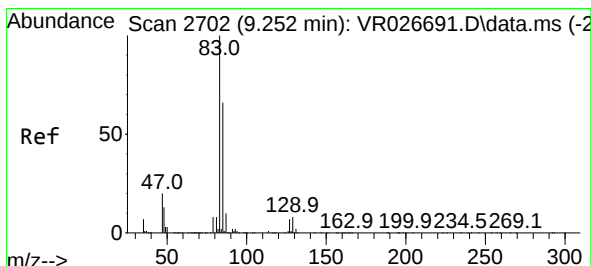
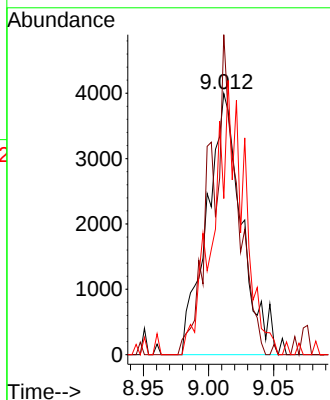
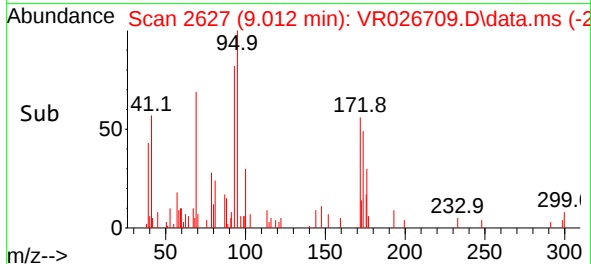
Instrument : MSVOA_R
ClientSampleId : MDL03



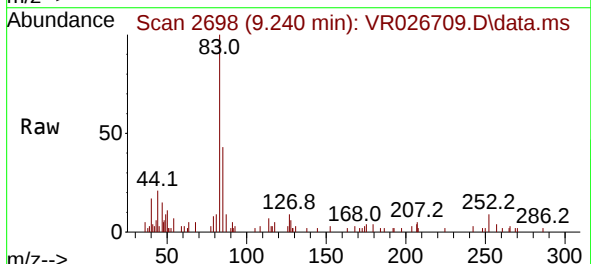
Tgt Ion: 93 Resp: 736
Ion Ratio Lower Upper
93 100
95 60.3 69.4 104.0#
174 79.1 66.9 100.3

Manual Integrations
APPROVED

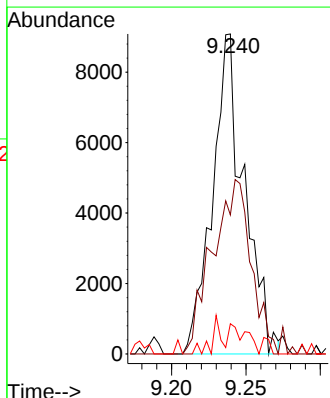
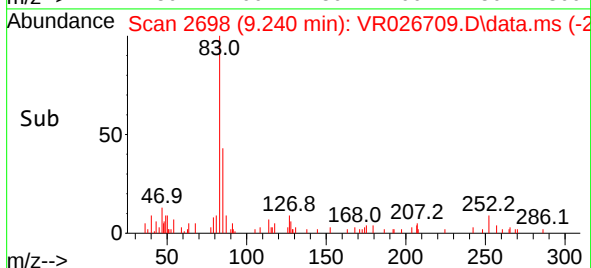
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

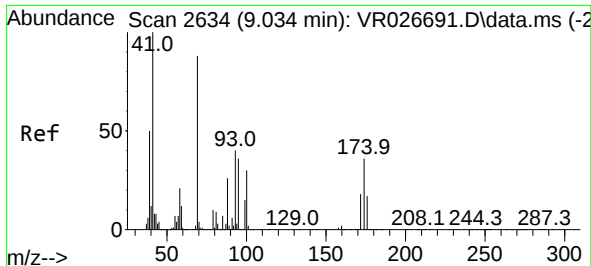


#46
Bromodichloromethane
Concen: 2.333 ug/l
RT: 9.240 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



Tgt Ion: 83 Resp: 13464
Ion Ratio Lower Upper
83 100
85 43.4 52.6 78.8#
127 9.4 5.5 8.3#





#47

Methyl methacrylate

Concen: 2.627 ug/l

RT: 9.025 min Scan# 2631

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

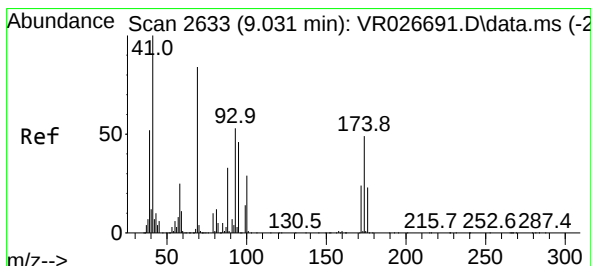
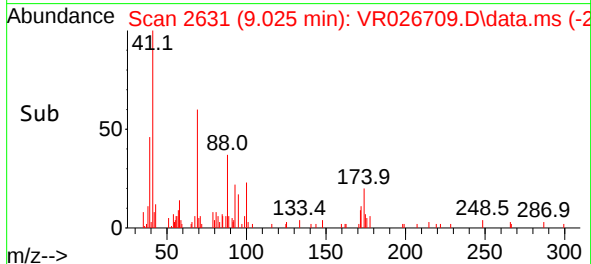
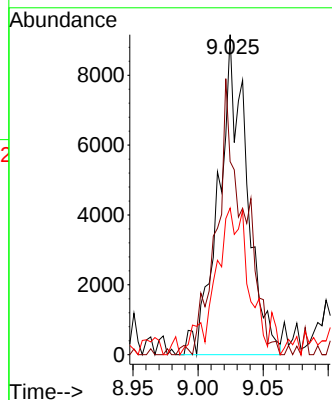
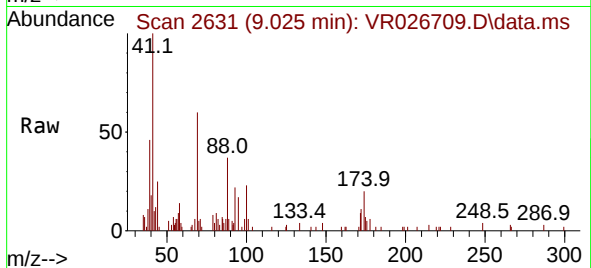
MDL03

Tgt Ion: 41 Resp: 13909
 Ion Ratio Lower Upper
 41 100
 69 80.8 69.8 104.6
 39 48.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025



#48

1,4-Dioxane

Concen: 80.100 ug/l m

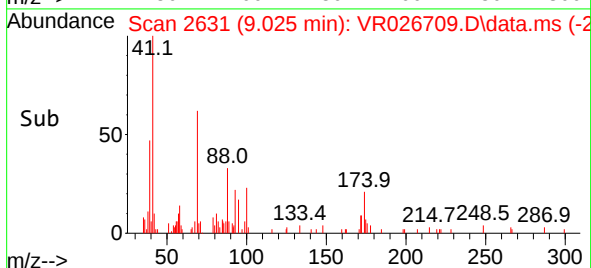
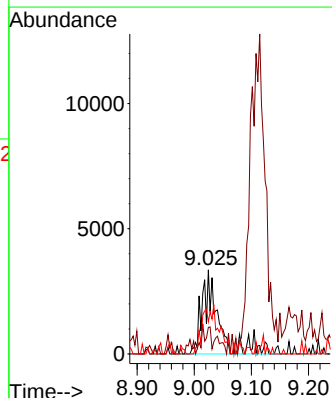
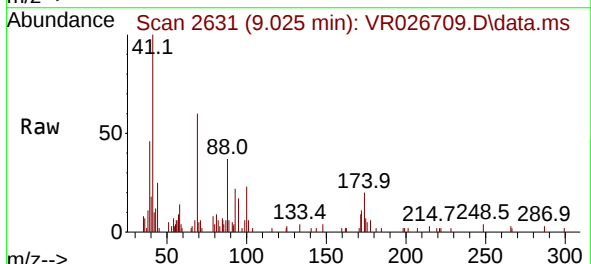
RT: 9.025 min Scan# 2631

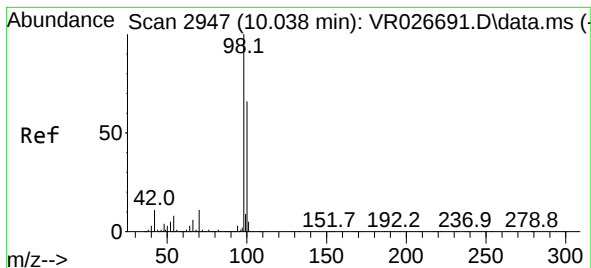
Delta R.T. -0.006 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Tgt Ion: 88 Resp: 6831
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.2 37.8#
 58 23.2 60.8 91.2#





#49

Toluene-d8

Concen: 52.097 ug/l

RT: 10.029 min Scan# 2944

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion: 98 Resp: 929698

Ion Ratio Lower Upper

98 100

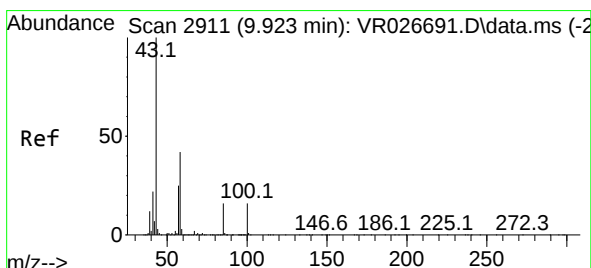
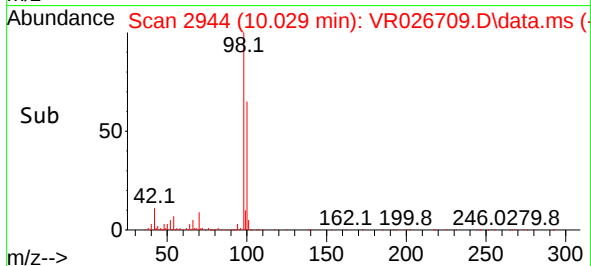
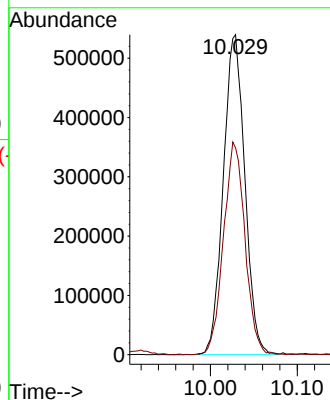
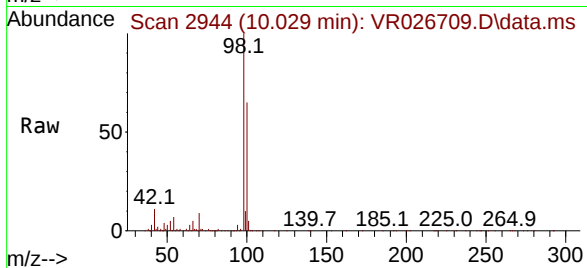
100 66.5 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#50

4-Methyl-2-Pentanone

Concen: 13.893 ug/l

RT: 9.910 min Scan# 2907

Delta R.T. -0.013 min

Lab File: VR026709.D

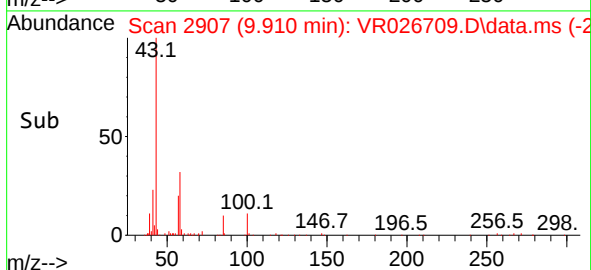
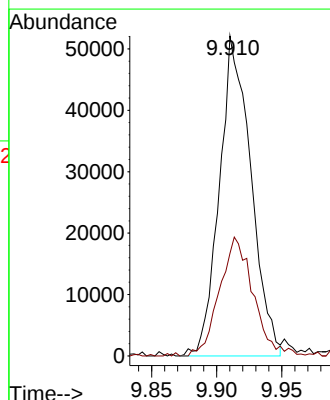
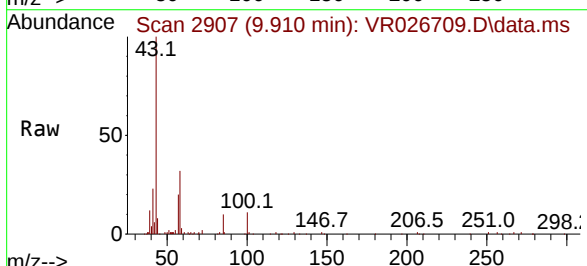
Acq: 5 Aug 2025 12:43

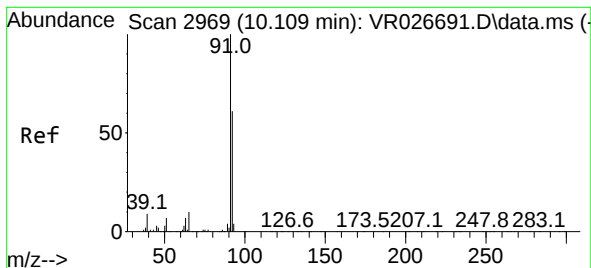
Tgt Ion: 43 Resp: 87738

Ion Ratio Lower Upper

43 100

58 39.8 33.7 50.5





#51

Toluene

Concen: 2.519 ug/l

RT: 10.103 min Scan# 2909

Delta R.T. -0.006 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion: 92 Resp: 2909

Ion Ratio Lower Upper

92 100

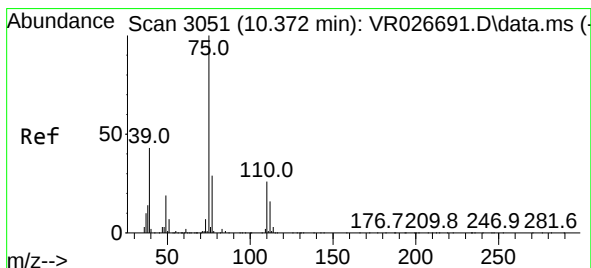
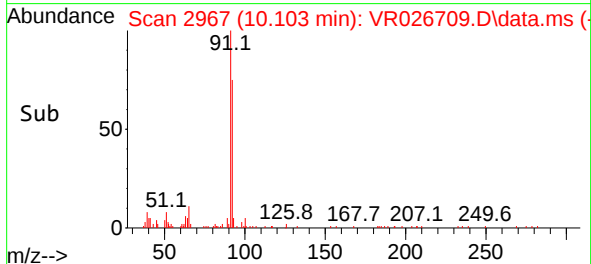
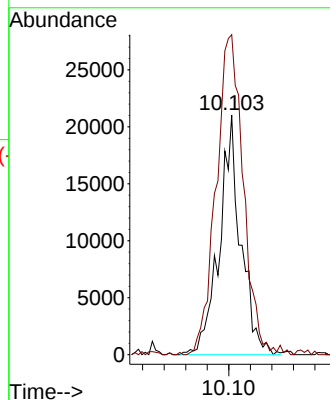
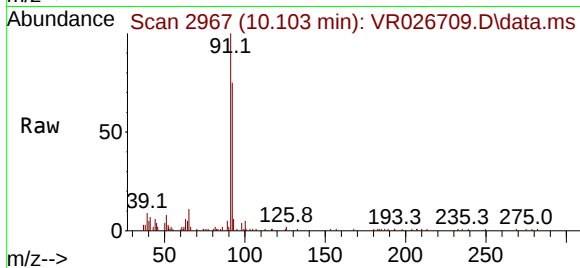
91 168.7 137.8 206.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#52

t-1,3-Dichloropropene

Concen: 1.736 ug/l

RT: 10.356 min Scan# 3046

Delta R.T. -0.016 min

Lab File: VR026709.D

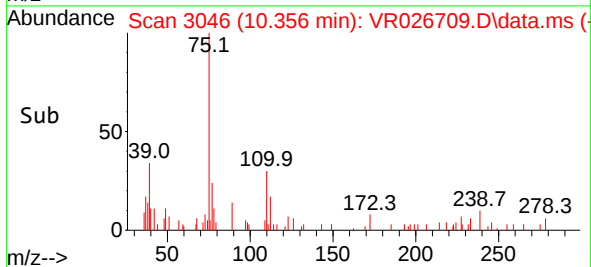
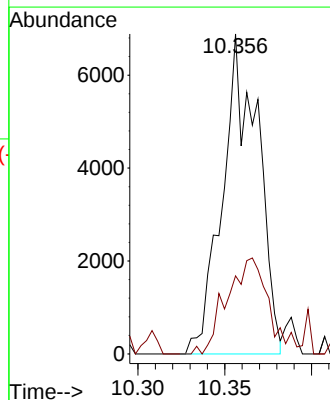
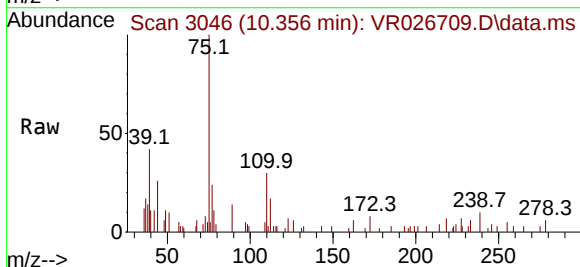
Acq: 5 Aug 2025 12:43

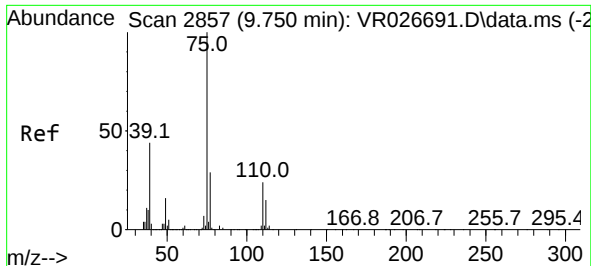
Tgt Ion: 75 Resp: 9820

Ion Ratio Lower Upper

75 100

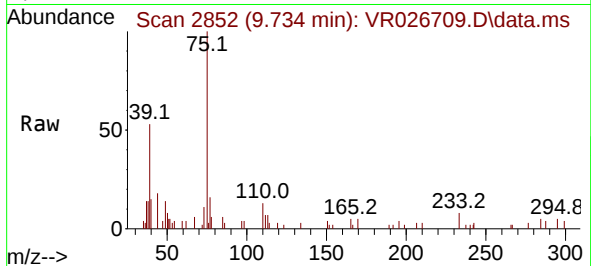
77 24.4 23.4 35.2





#53
 cis-1,3-Dichloropropene
 Concen: 1.952 ug/l m
 RT: 9.734 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

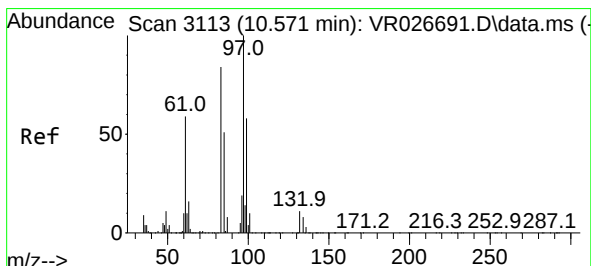
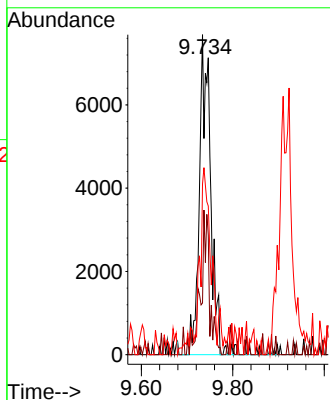
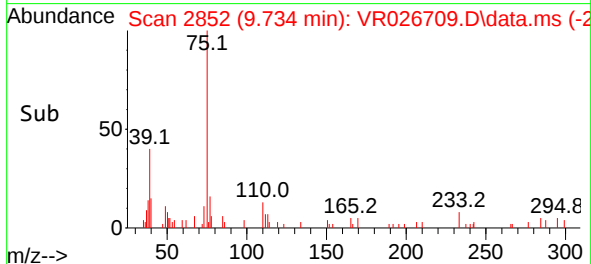
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL03



Tgt Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 77 16.2 22.9 34.3
 39 53.3 34.8 52.2

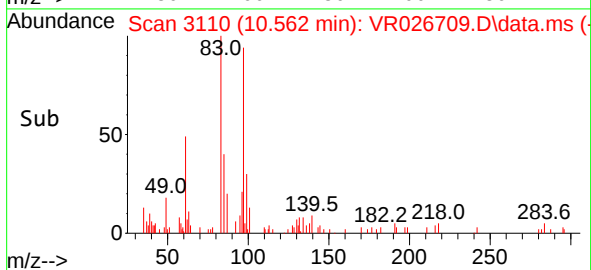
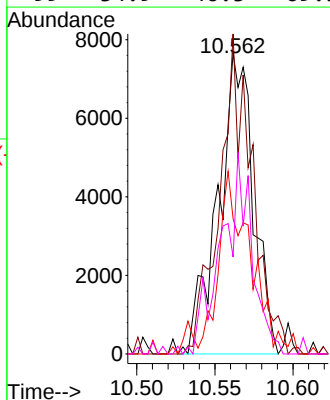
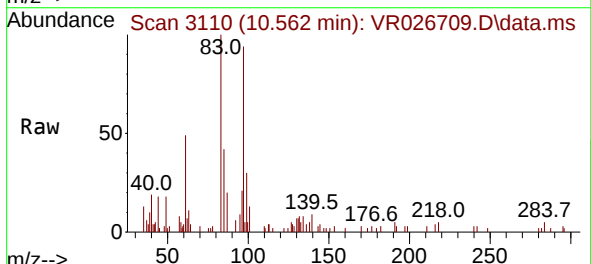
Manual Integrations
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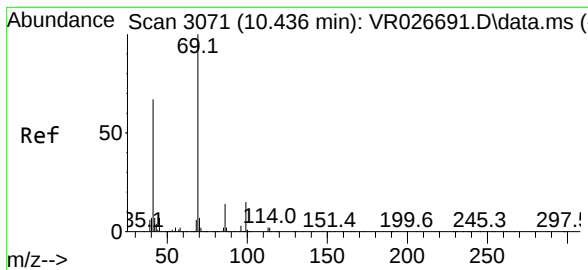
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025



#54
 1,1,2-Trichloroethane
 Concen: 2.849 ug/l
 RT: 10.562 min Scan# 3110
 Delta R.T. -0.009 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 97 Resp: 12018
 Ion Ratio Lower Upper
 97 100
 83 106.3 67.4 101.2#
 85 45.0 40.4 60.6
 99 34.9 46.3 69.5#





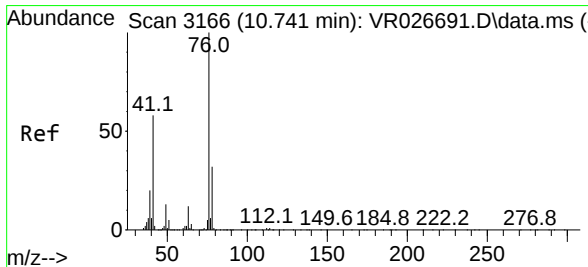
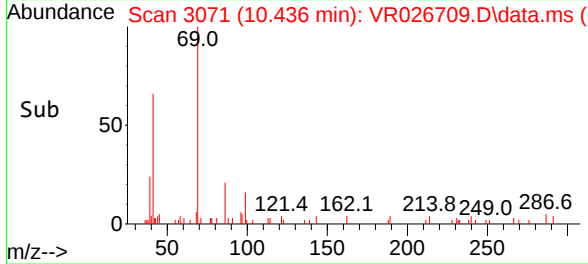
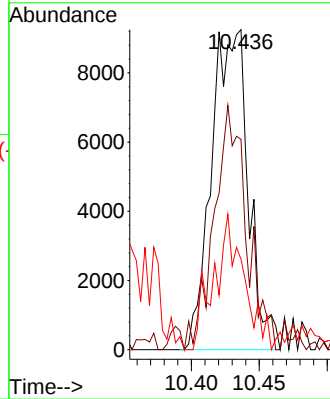
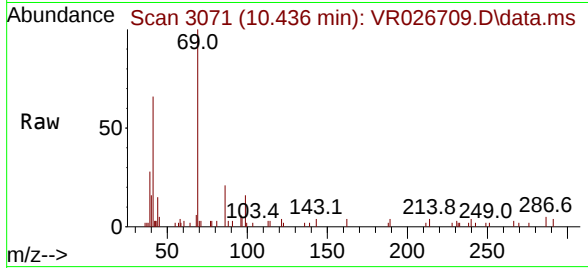
#55
Ethyl methacrylate
Concen: 2.508 ug/l
RT: 10.436 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument : MSVOA_R
ClientSampleId : MDL03

Tgt Ion: 69 Resp: 17475
Ion Ratio Lower Upper
69 100
41 67.4 51.5 77.3
39 34.7 24.7 37.1

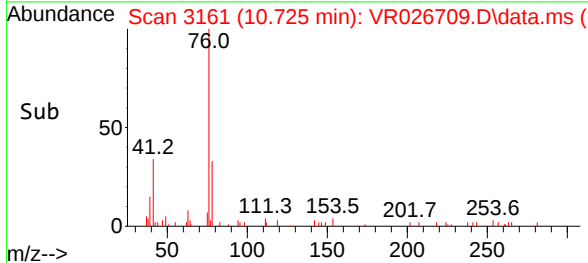
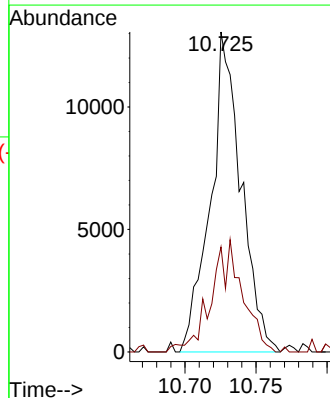
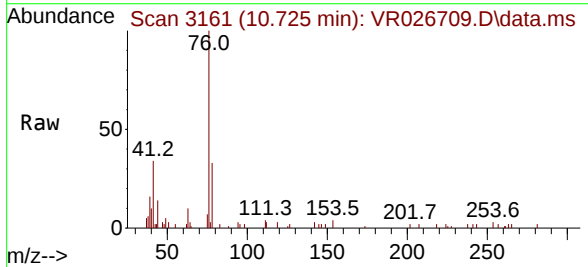
Manual Integrations
APPROVED

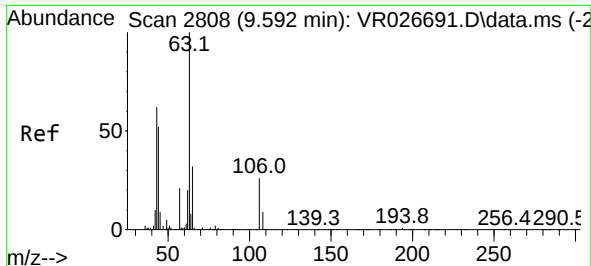
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#56
1,3-Dichloropropane
Concen: 2.727 ug/l
RT: 10.725 min Scan# 3161
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 76 Resp: 19599
Ion Ratio Lower Upper
76 100
78 18.1 25.8 38.6#





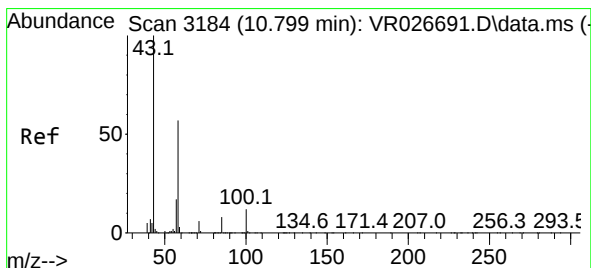
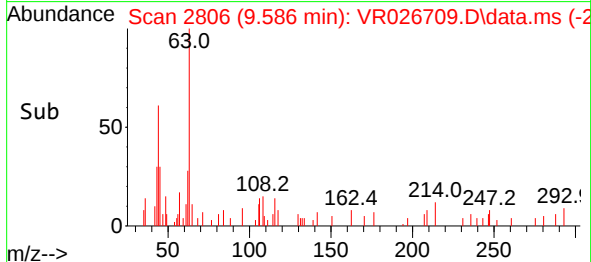
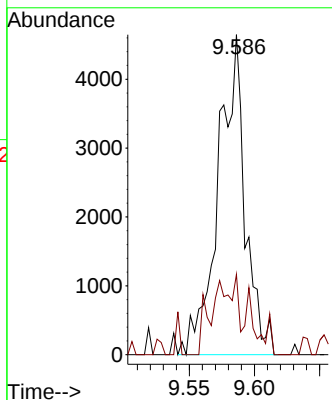
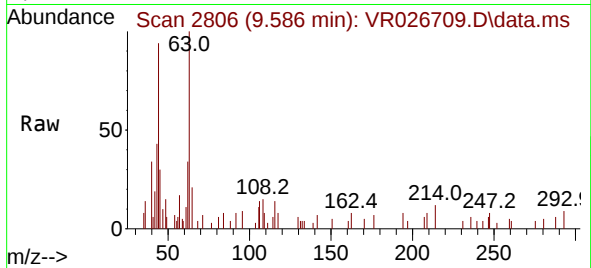
#57
2-Chloroethyl Vinyl ether
Concen: 17.298 ug/l
RT: 9.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :
MDL03

Tgt Ion: 63 Resp: 6660
Ion Ratio Lower Upper
63 100
106 23.6 22.5 33.7

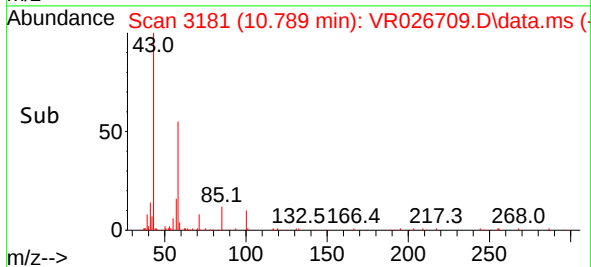
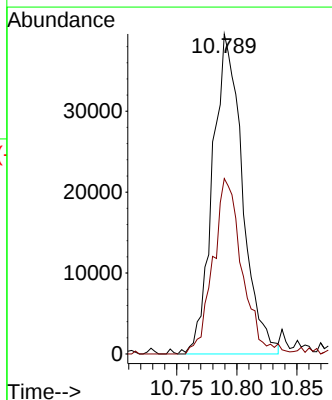
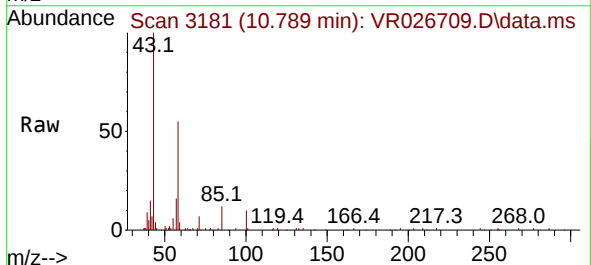
Manual Integrations
APPROVED

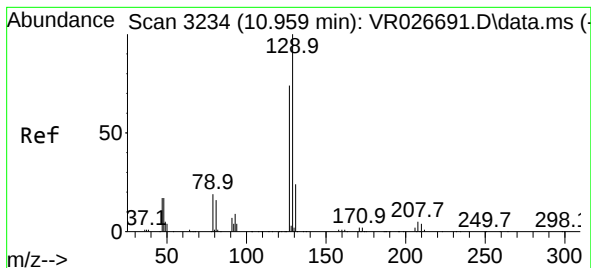
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#58
2-Hexanone
Concen: 16.010 ug/l
RT: 10.789 min Scan# 3181
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 43 Resp: 68160
Ion Ratio Lower Upper
43 100
58 53.4 28.8 86.4





#59

Dibromochloromethane

Concen: 1.994 ug/l

RT: 10.947 min Scan# 3230

Delta R.T. -0.013 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion:129 Resp: 7118

Ion Ratio Lower Upper

129 100

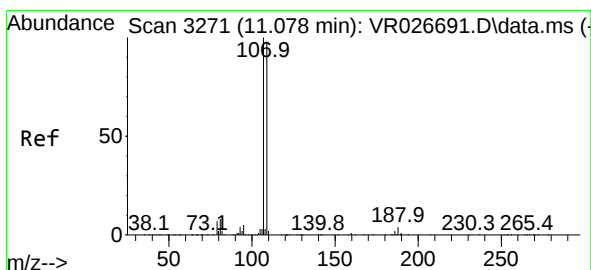
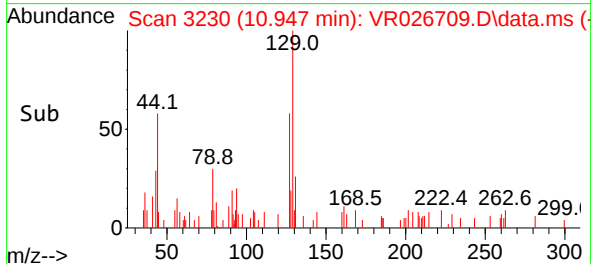
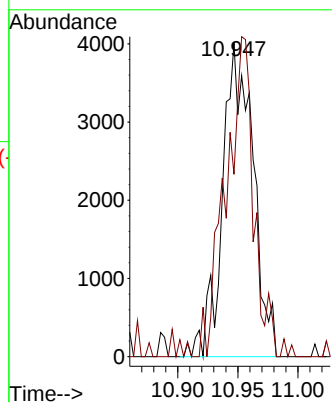
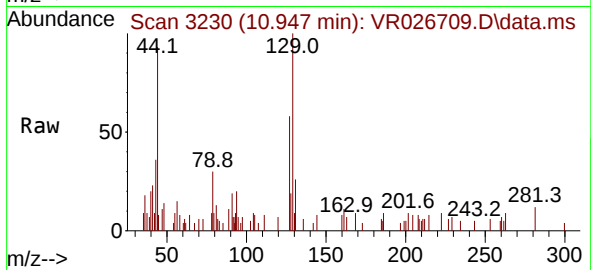
127 88.5 38.9 116.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#60

1,2-Dibromoethane

Concen: 2.777 ug/l

RT: 11.065 min Scan# 3267

Delta R.T. -0.013 min

Lab File: VR026709.D

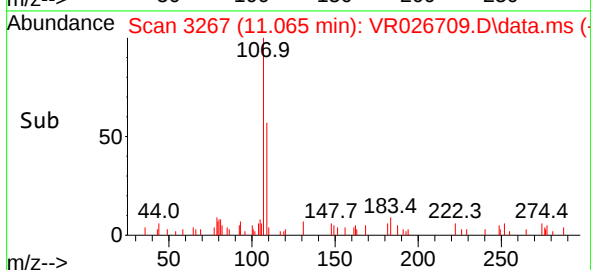
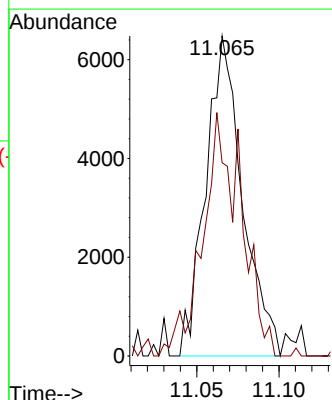
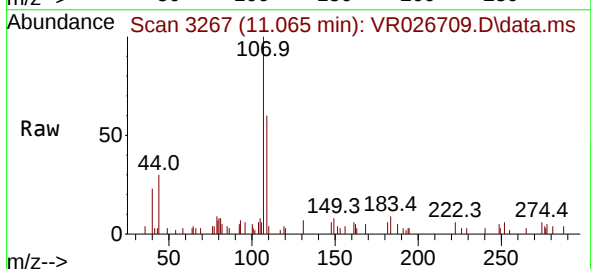
Acq: 5 Aug 2025 12:43

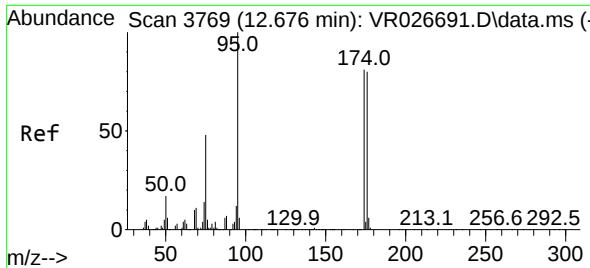
Tgt Ion:107 Resp: 10085

Ion Ratio Lower Upper

107 100

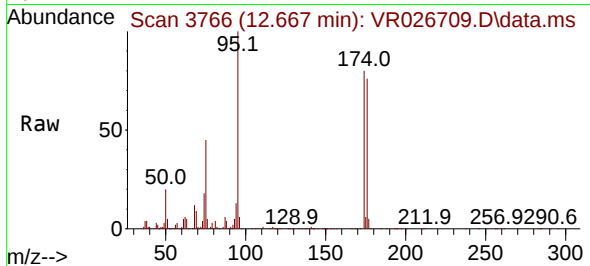
109 79.5 75.9 113.9





#61
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.667 min Scan# 3766
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

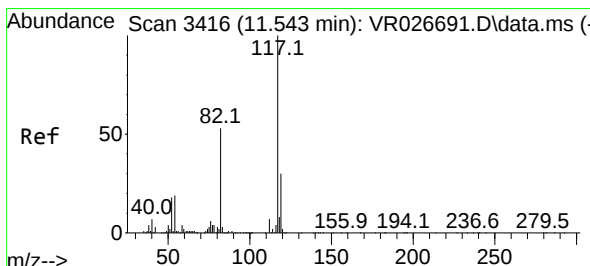
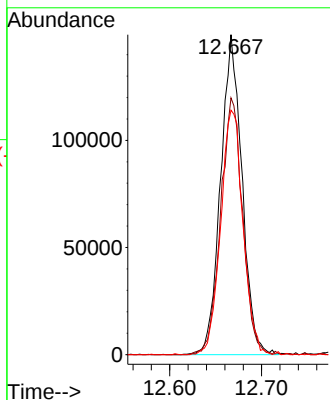
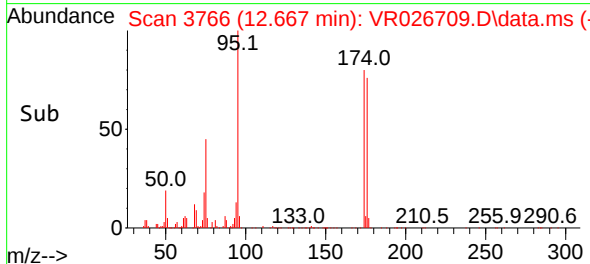
Instrument :
MSVOA_R
ClientSampleId :
MDL03



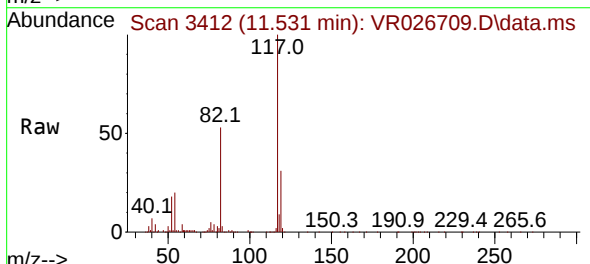
Tgt Ion: 95 Resp: 241530
Ion Ratio Lower Upper
95 100
174 82.2 0.0 158.4
176 79.7 0.0 149.0

Manual Integrations
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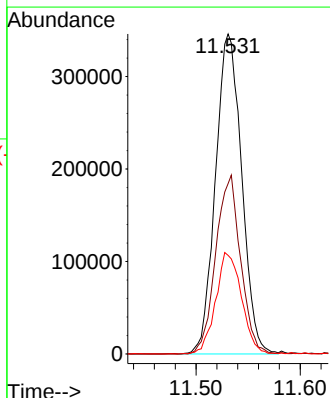
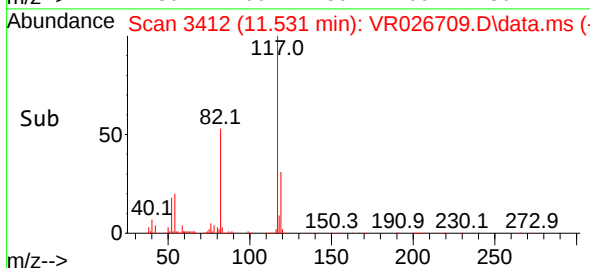
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

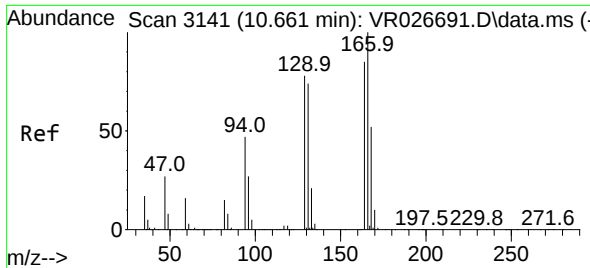


#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.531 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



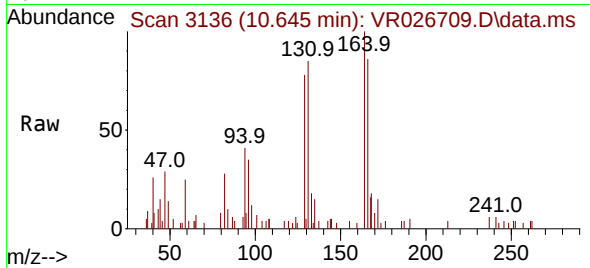
Tgt Ion:117 Resp: 605225
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 30.7 23.9 35.9





#63
Tetrachloroethene
Concen: 2.706 ug/l
RT: 10.645 min Scan# 3136
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

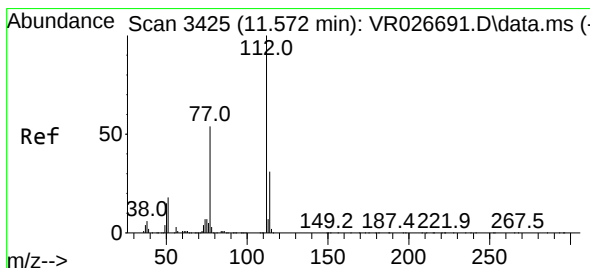
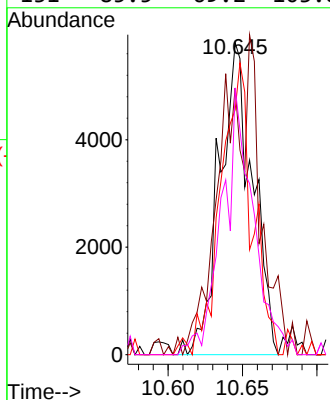
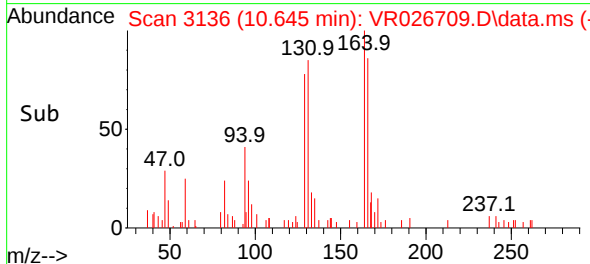
Instrument : MSVOA_R
ClientSampleId : MDL03



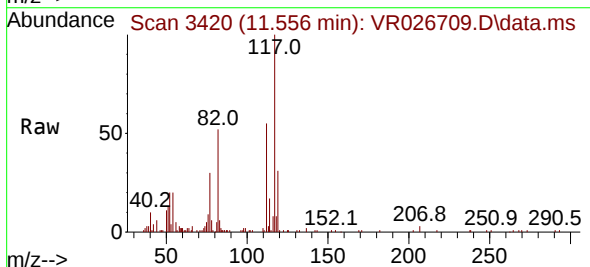
Tgt Ion:164 Resp: 894
Ion Ratio Lower Upper
164 100
166 79.9 93.7 140.5
129 78.5 73.4 110.2
131 85.5 69.2 103.8

Manual Integrations
APPROVED

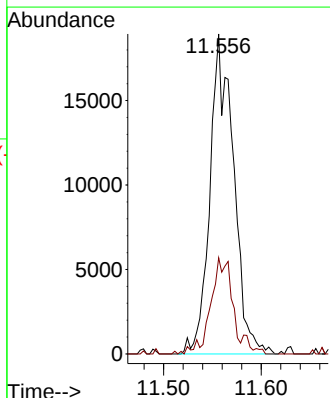
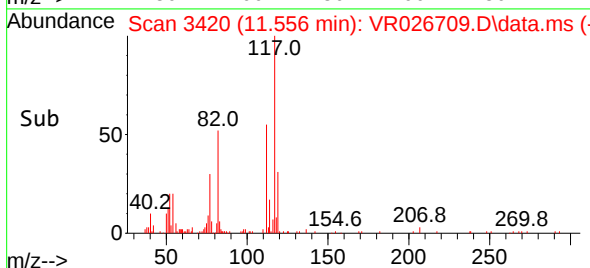
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

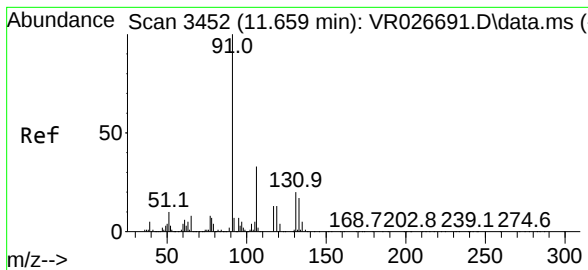


#64
Chlorobenzene
Concen: 2.531 ug/l
RT: 11.556 min Scan# 3420
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



Tgt Ion:112 Resp: 31874
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.6





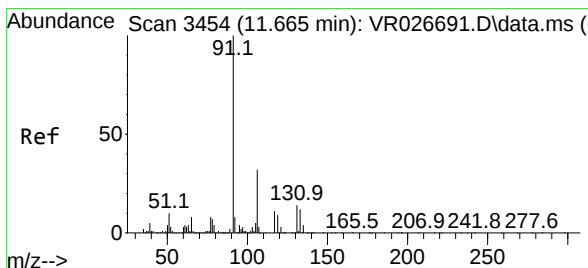
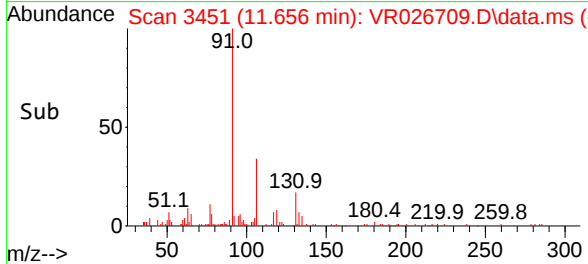
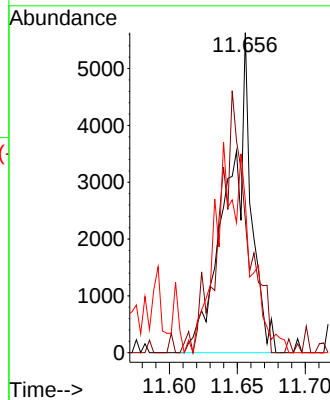
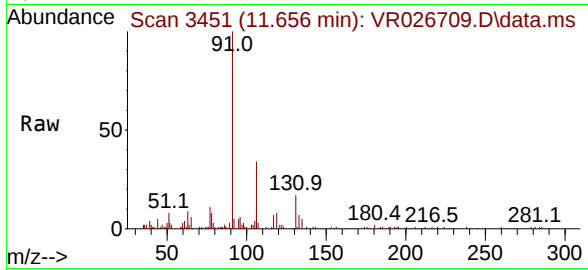
#65
1,1,1,2-Tetrachloroethane
Concen: 1.960 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument : MSVOA_R
ClientSampleId : MDL03

Tgt Ion:131 Resp: 6742
Ion Ratio Lower Upper
131 100
133 88.8 46.2 138.5
119 0.0 35.7 107.1

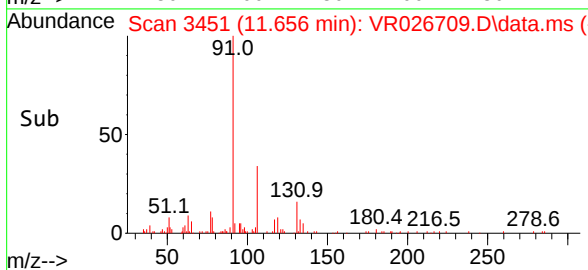
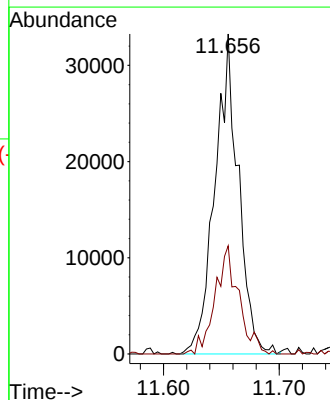
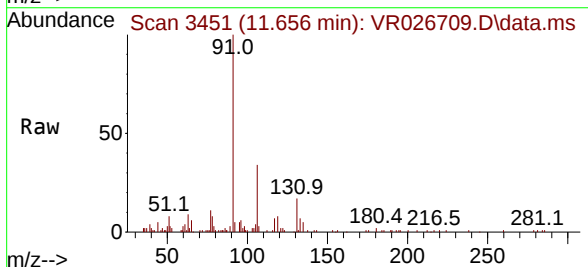
Manual Integrations
APPROVED

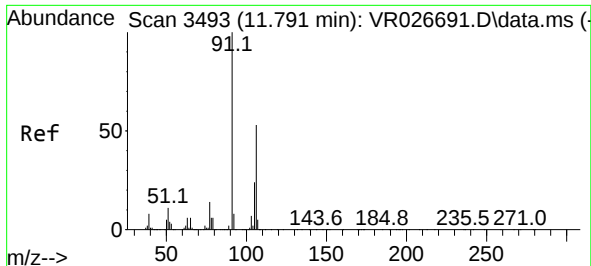
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#66
Ethyl Benzene
Concen: 2.227 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 91 Resp: 46829
Ion Ratio Lower Upper
91 100
106 33.8 25.4 38.0





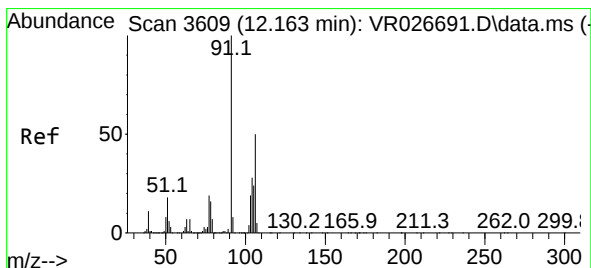
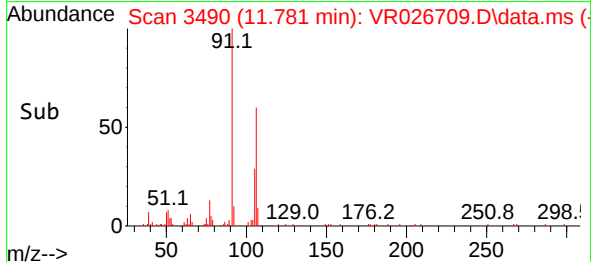
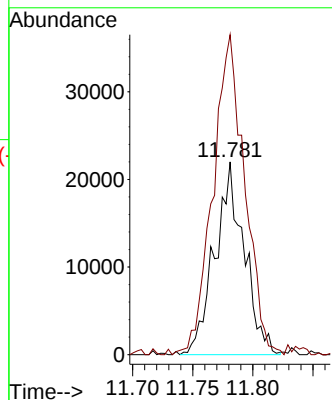
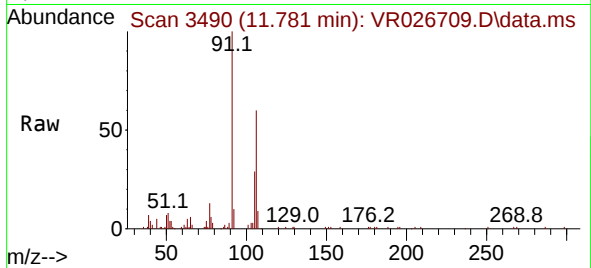
#67
m/p-Xylenes
Concen: 4.416 ug/l
RT: 11.781 min Scan# 3490
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument : MSVOA_R
ClientSampleId : MDL03

Tgt Ion:106 Resp: 37104
Ion Ratio Lower Upper
106 100
91 181.1 146.8 220.2

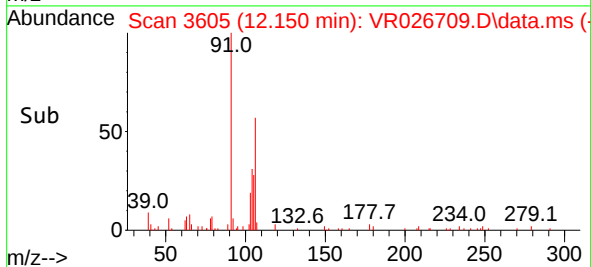
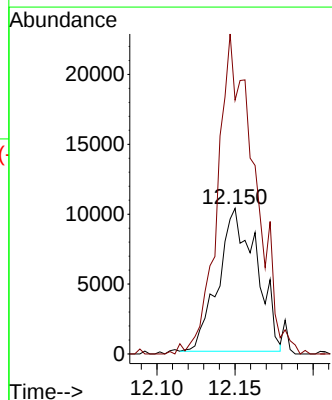
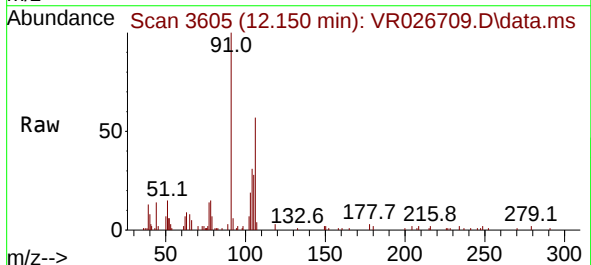
Manual Integrations
APPROVED

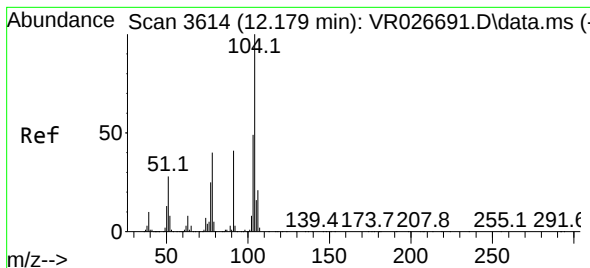
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#68
o-Xylene
Concen: 2.136 ug/l
RT: 12.150 min Scan# 3605
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:106 Resp: 17421
Ion Ratio Lower Upper
106 100
91 218.5 97.9 293.6





#69

Styrene

Concen: 2.129 ug/l

RT: 12.169 min Scan# 3611

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

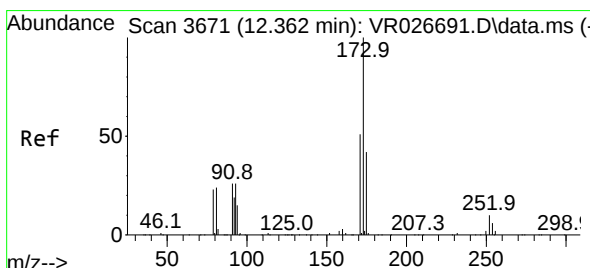
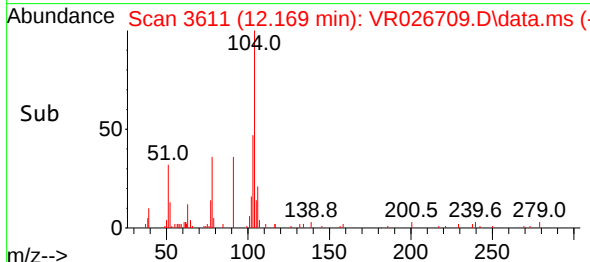
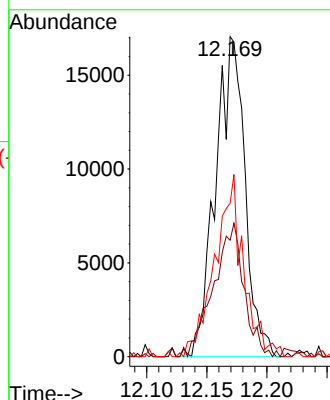
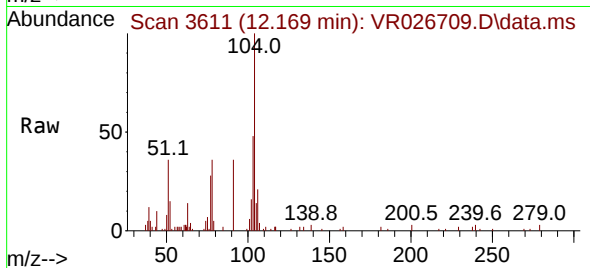
MDL03

Tgt Ion:104 Resp: 29019
 Ion Ratio Lower Upper
 104 100
 78 43.1 34.5 51.7
 103 54.3 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025



#70

Bromoform

Concen: 2.151 ug/l

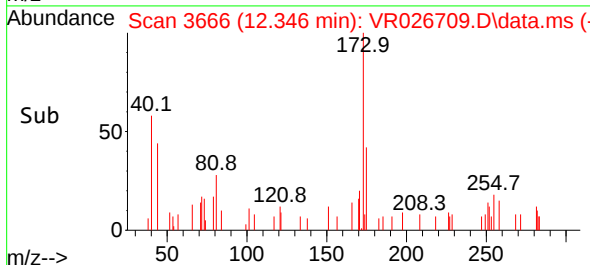
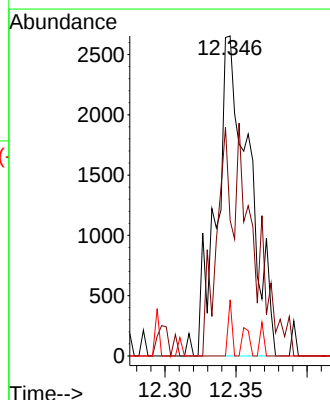
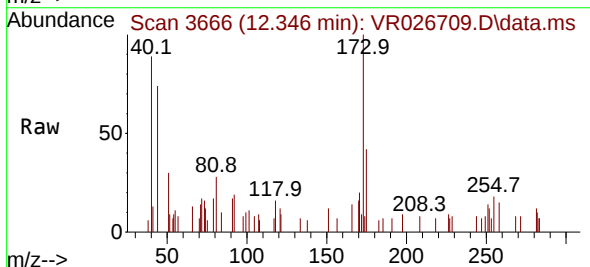
RT: 12.346 min Scan# 3666

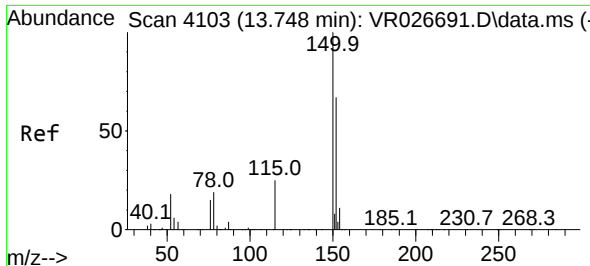
Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

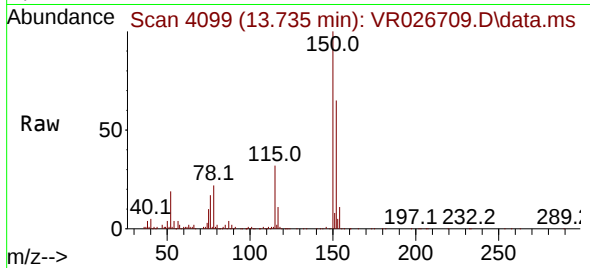
Tgt Ion:173 Resp: 4189
 Ion Ratio Lower Upper
 173 100
 175 34.7 23.6 71.0
 254 2.1 0.1 0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.735 min Scan# 4099
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

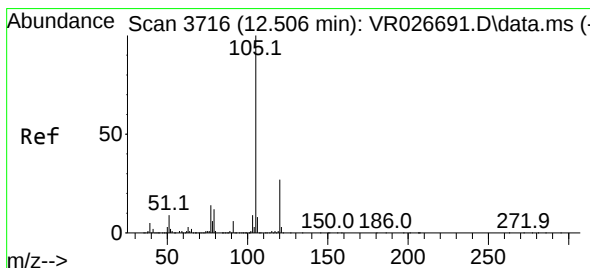
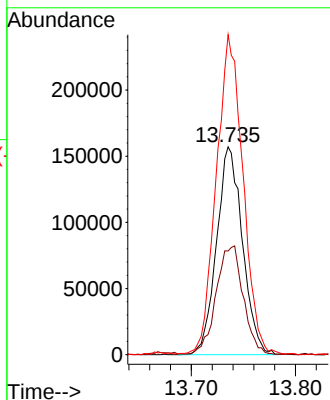
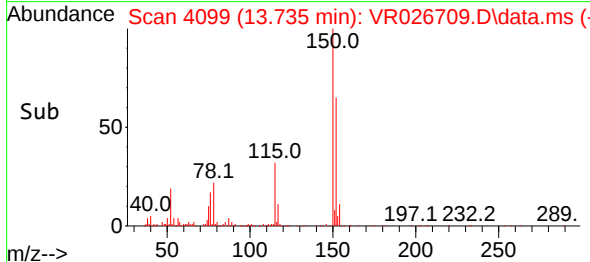
Instrument :
MSVOA_R
ClientSampleId :
MDL03



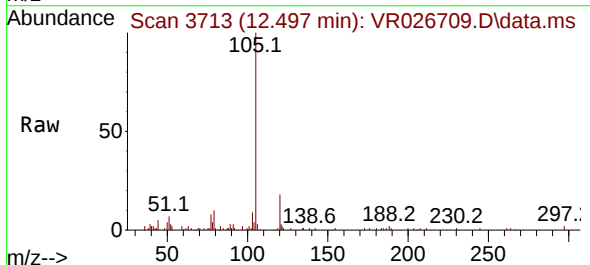
Tgt Ion:152 Resp: 271000
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 157.9 0.0 350.4

Manual Integrations
APPROVED

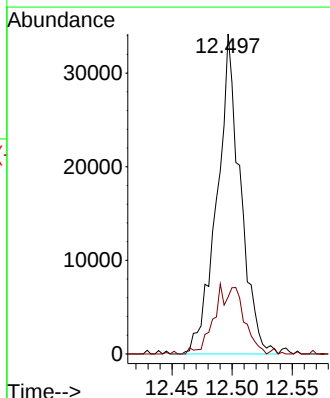
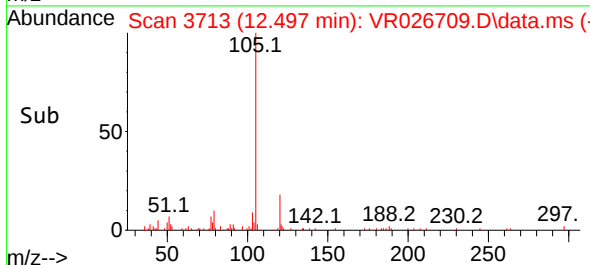
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

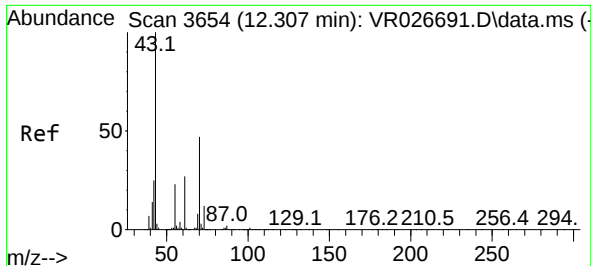


#72
Isopropylbenzene
Concen: 2.391 ug/l
RT: 12.497 min Scan# 3713
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



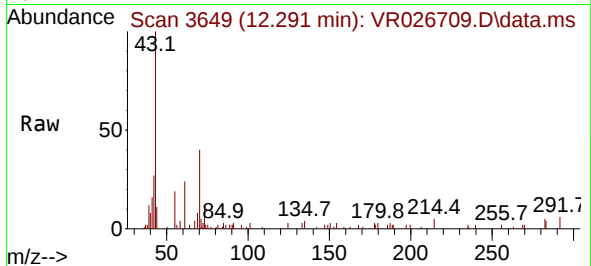
Tgt Ion:105 Resp: 46185
Ion Ratio Lower Upper
105 100
120 26.8 14.2 42.8





#73
N-amy1 acetate
Concen: 2.457 ug/l
RT: 12.291 min Scan# 3649
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

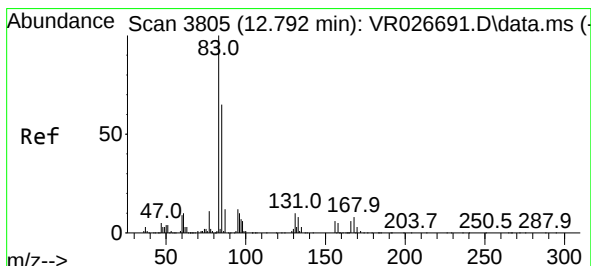
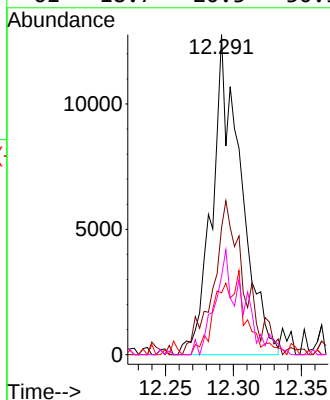
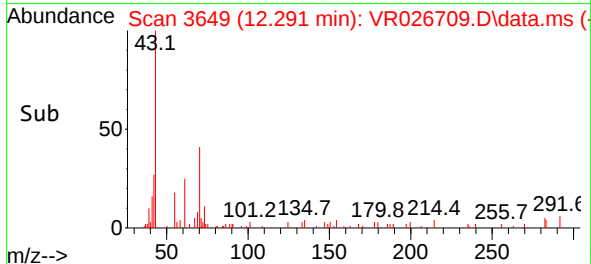
Instrument : MSVOA_R
ClientSampleId : MDL03



Tgt Ion: 43 Resp: 18814
Ion Ratio Lower Upper
43 100
70 48.2 36.4 54.6
55 26.7 18.7 28.1
61 18.7 20.3 30.5#

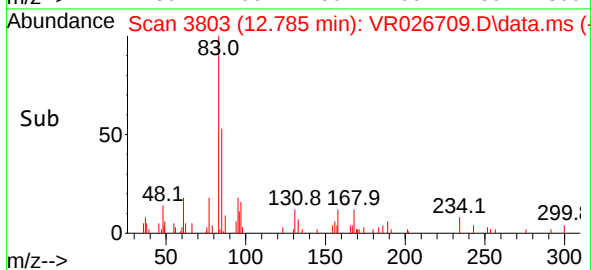
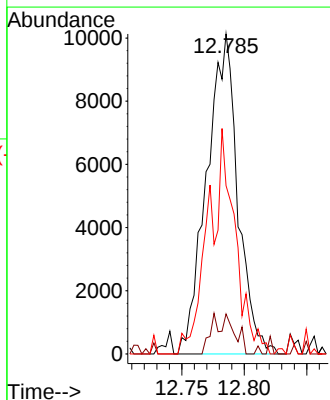
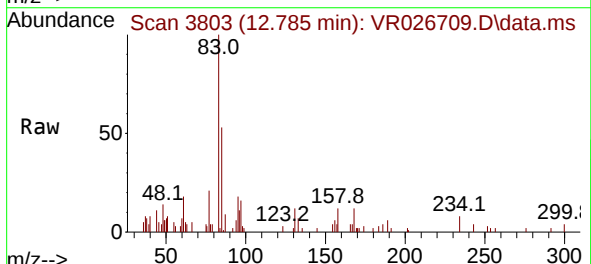
Manual Integrations
APPROVED

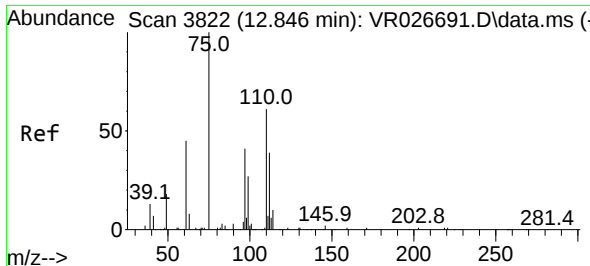
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 3.108 ug/l
RT: 12.785 min Scan# 3803
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 83 Resp: 17611
Ion Ratio Lower Upper
83 100
131 4.5 4.2 12.4
85 38.3 32.3 96.8





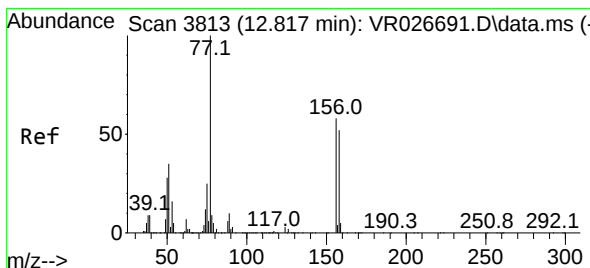
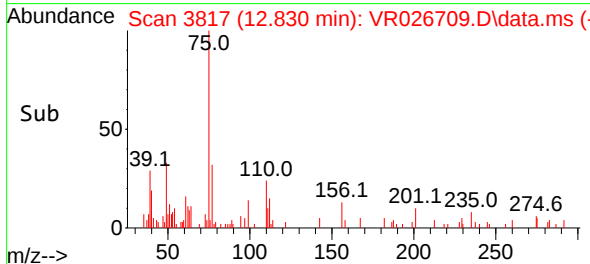
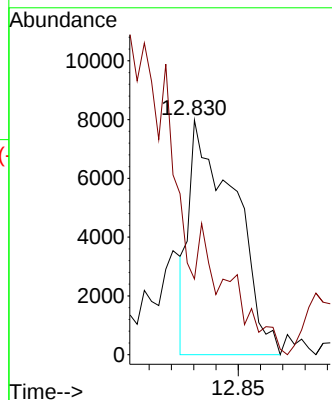
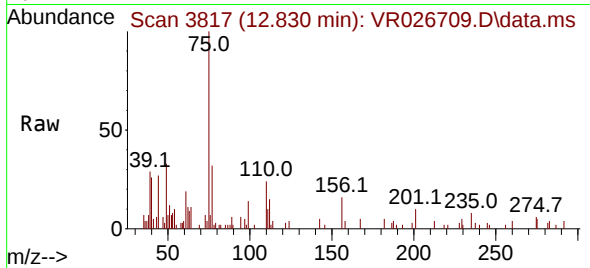
#75
1,2,3-Trichloropropane
Concen: 2.512 ug/l m
RT: 12.830 min Scan# 3817
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 11284
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

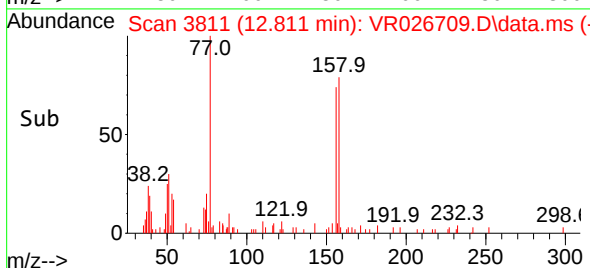
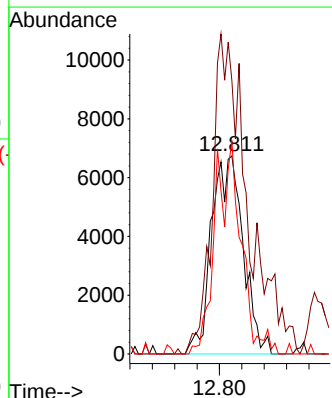
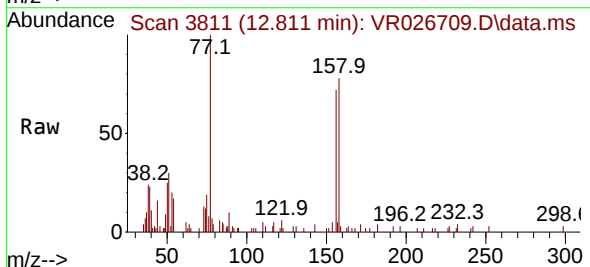
Manual Integrations
APPROVED

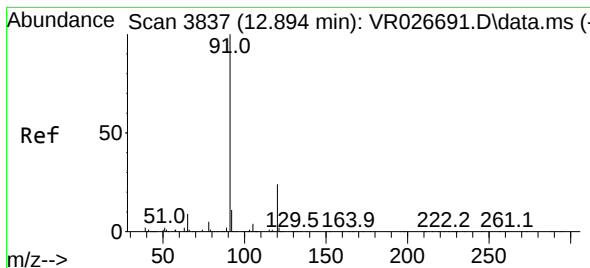
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#76
Bromobenzene
Concen: 2.962 ug/l m
RT: 12.811 min Scan# 3811
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:156 Resp: 13240
Ion Ratio Lower Upper
156 100
77 147.6 105.5 316.4
158 38.2 46.4 139.1#





#77

n-propylbenzene

Concen: 2.356 ug/l

RT: 12.888 min Scan# 3835

Delta R.T. -0.006 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 5428

Ion Ratio Lower Upper

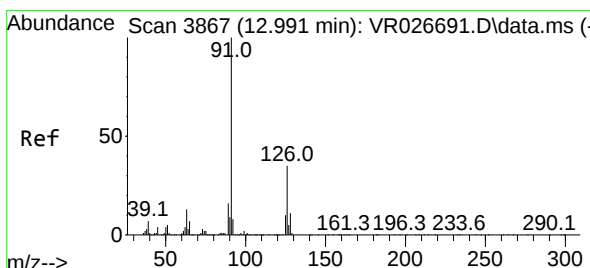
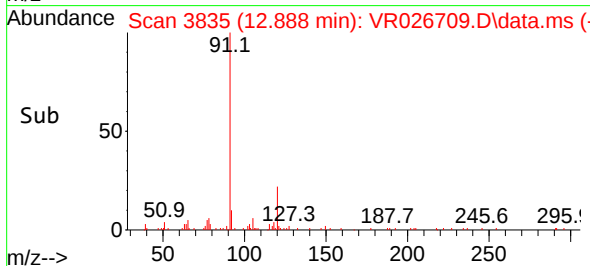
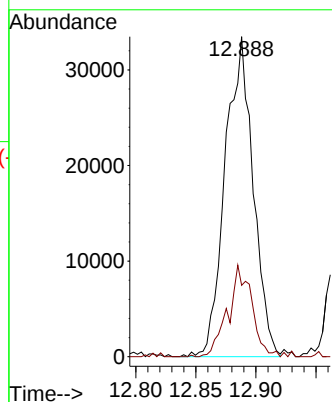
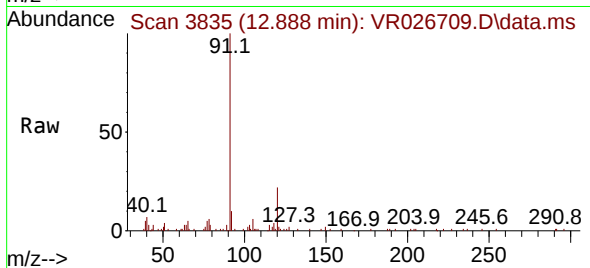
91 100

120 24.2 11.9 35.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#78

2-Chlorotoluene

Concen: 2.373 ug/l

RT: 12.978 min Scan# 3863

Delta R.T. -0.013 min

Lab File: VR026709.D

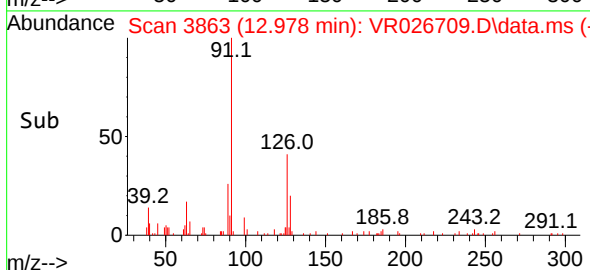
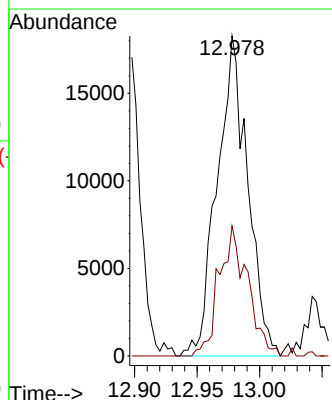
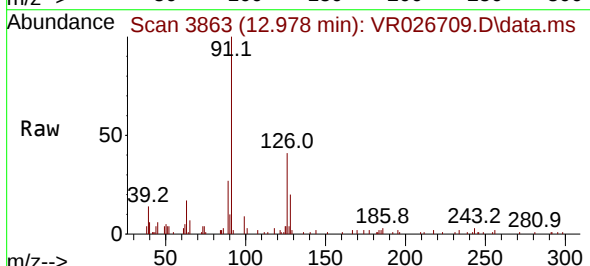
Acq: 5 Aug 2025 12:43

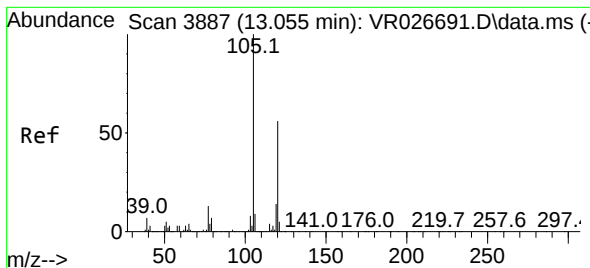
Tgt Ion: 91 Resp: 31028

Ion Ratio Lower Upper

91 100

126 37.9 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 2.336 ug/l m

RT: 13.045 min Scan# 3

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

MDL03

Tgt Ion:105 Resp: 3528

Ion Ratio Lower Upper

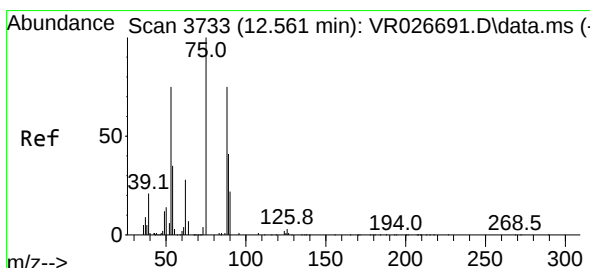
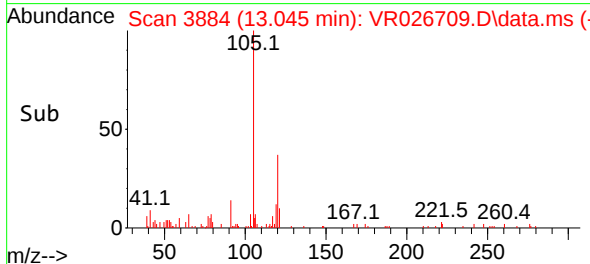
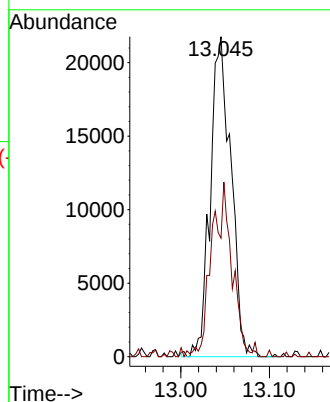
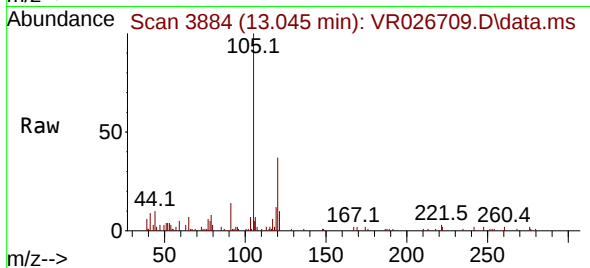
105 100

120 47.9 26.6 79.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#80

trans-1,4-Dichloro-2-butene

Concen: 1.954 ug/l m

RT: 12.545 min Scan# 3728

Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

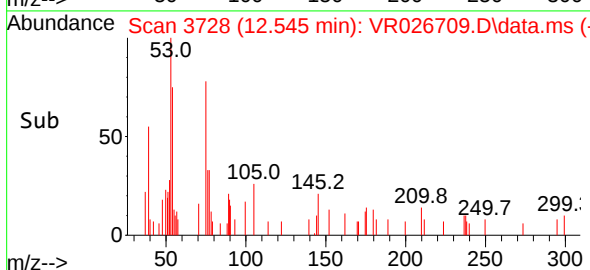
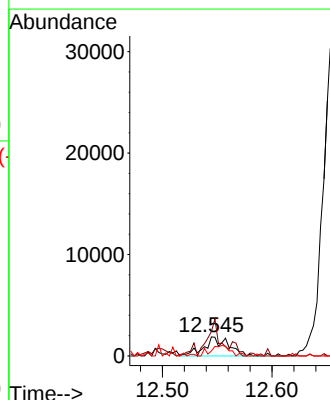
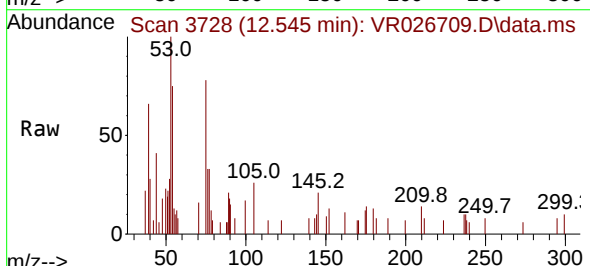
Tgt Ion: 75 Resp: 3013

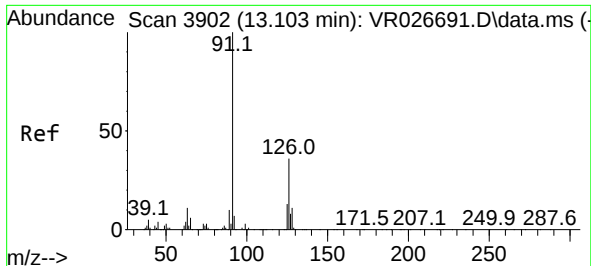
Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.6#

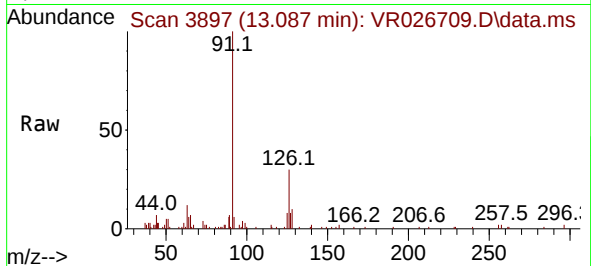
89 11.2 34.6 52.0#





#81
4-Chlorotoluene
Concen: 2.505 ug/l
RT: 13.087 min Scan# 3902
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

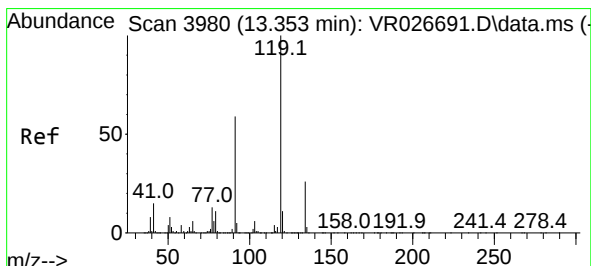
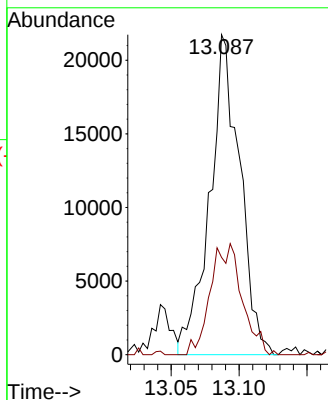
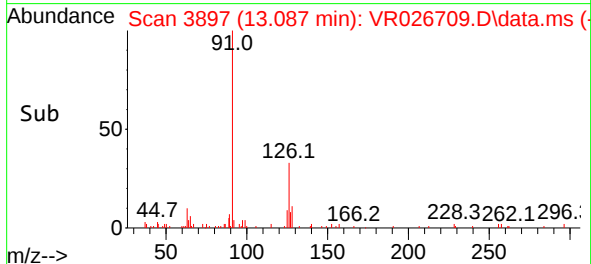
Instrument : MSVOA_R
ClientSampleId : MDL03



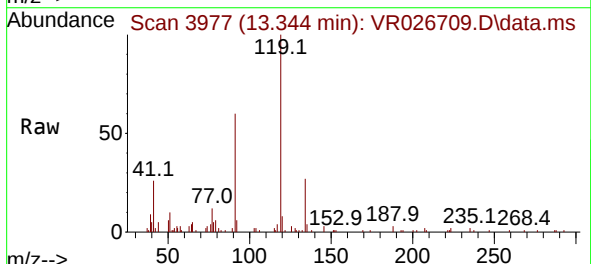
Tgt Ion: 91 Resp: 3345
Ion Ratio Lower Upper
91 100
126 19.4 17.8 53.3

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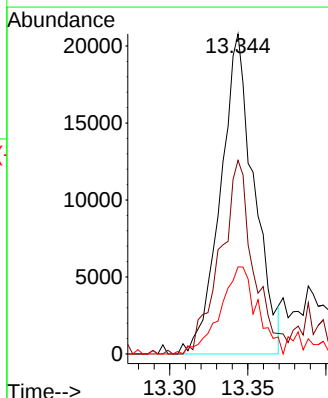
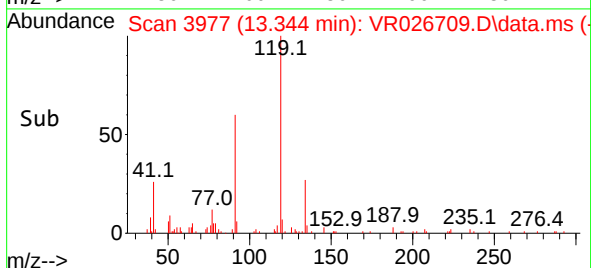
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

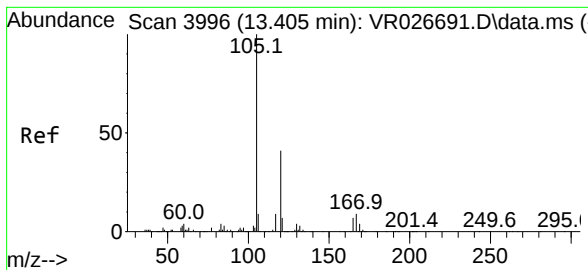


#82
tert-Butylbenzene
Concen: 2.264 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



Tgt Ion:119 Resp: 31100
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.7
134 30.0 13.5 40.4





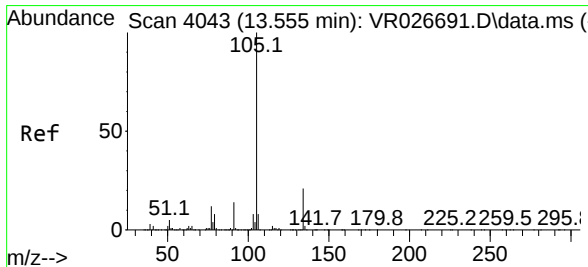
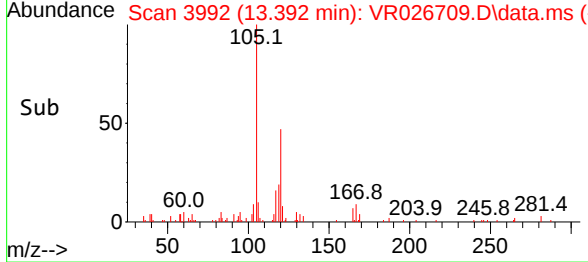
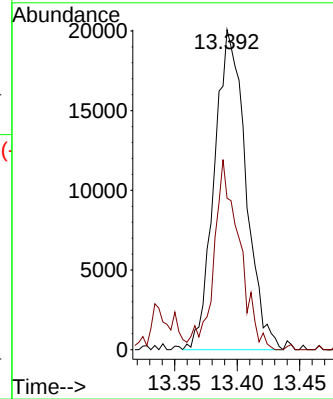
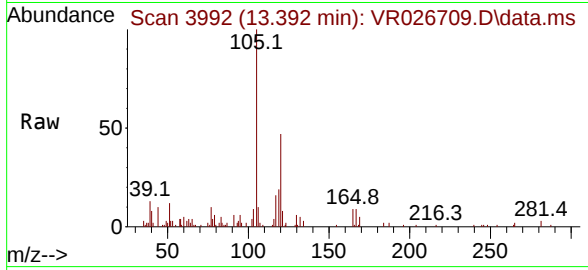
#83
1,2,4-Trimethylbenzene
Concen: 2.355 ug/l
RT: 13.392 min Scan# 3992
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 35208
Ion Ratio Lower Upper
105 100
120 48.0 25.0 75.0

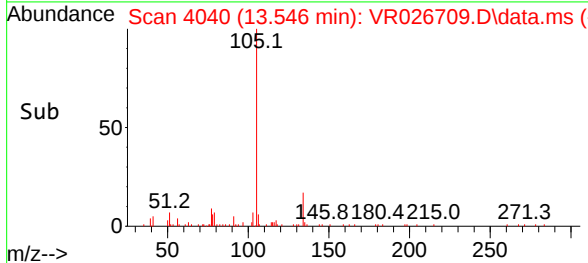
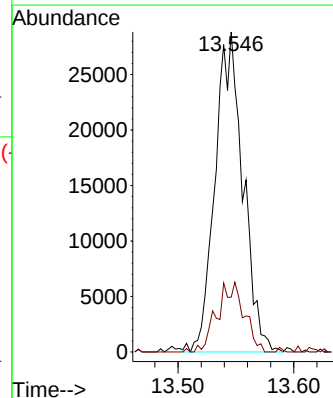
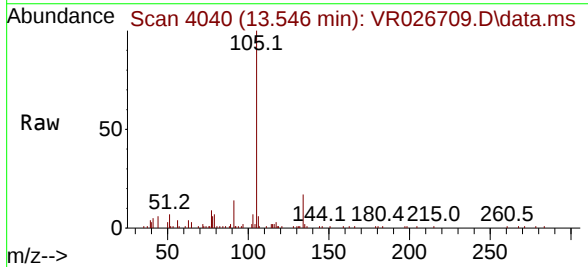
Manual Integrations
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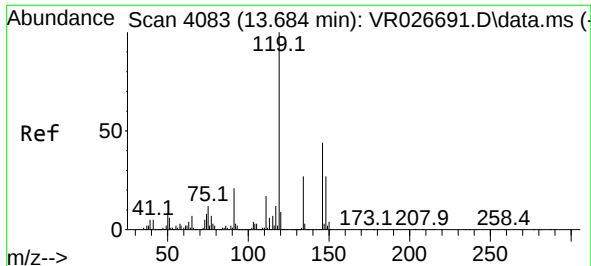
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#84
sec-Butylbenzene
Concen: 2.365 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:105 Resp: 48196
Ion Ratio Lower Upper
105 100
134 11.8 10.4 31.1





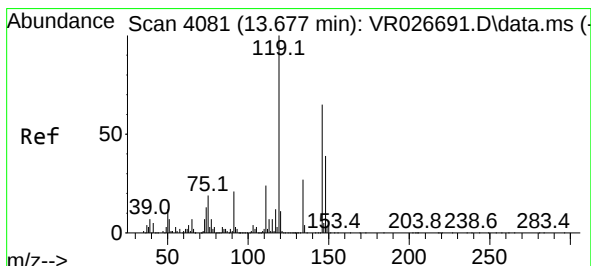
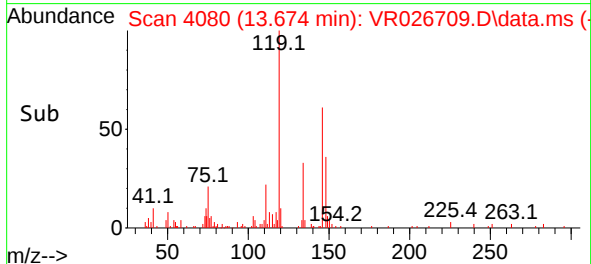
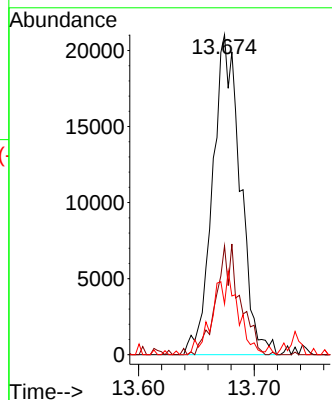
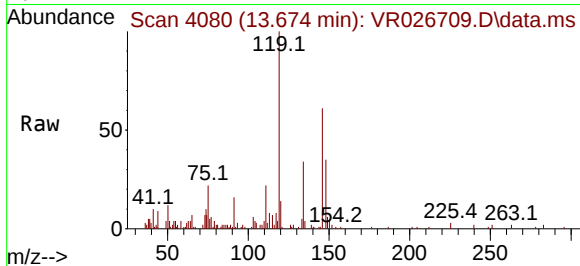
#85
p-Isopropyltoluene
Concen: 2.109 ug/l
RT: 13.674 min Scan# 4080
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument : MSVOA_R
ClientSampleId : MDL03

Tgt Ion:119 Resp: 35028
Ion Ratio Lower Upper
119 100
134 29.4 13.9 41.7
91 11.9 10.4 31.2

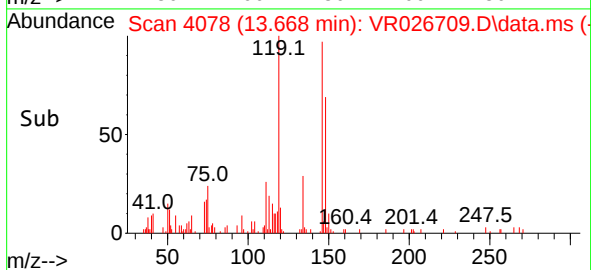
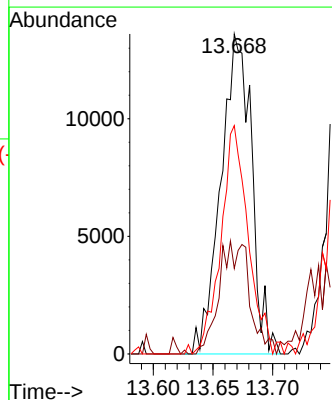
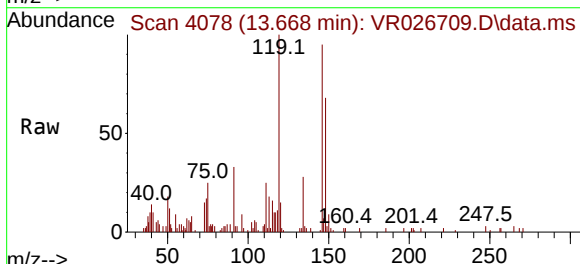
Manual Integrations
APPROVED

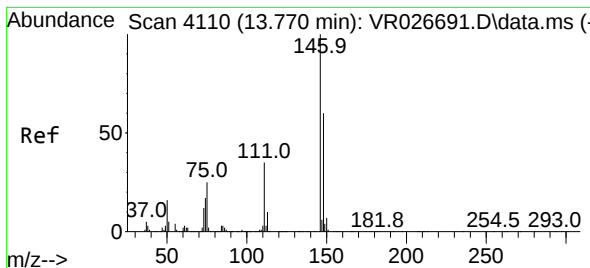
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#86
1,3-Dichlorobenzene
Concen: 2.764 ug/l m
RT: 13.668 min Scan# 4078
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:146 Resp: 24225
Ion Ratio Lower Upper
146 100
111 34.8 19.4 58.2
148 66.6 31.4 94.3





#87

1,4-Dichlorobenzene

Concen: 2.987 ug/l

RT: 13.754 min Scan# 4110

Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

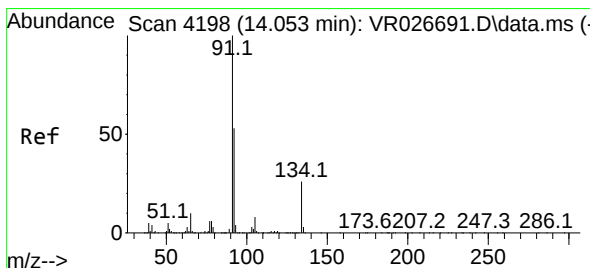
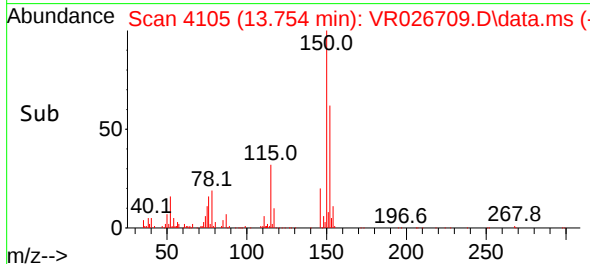
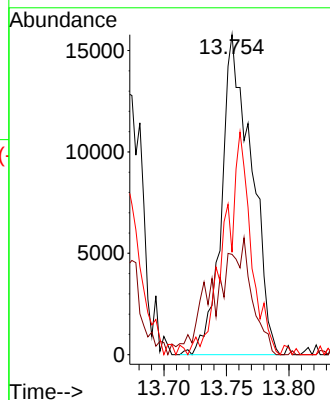
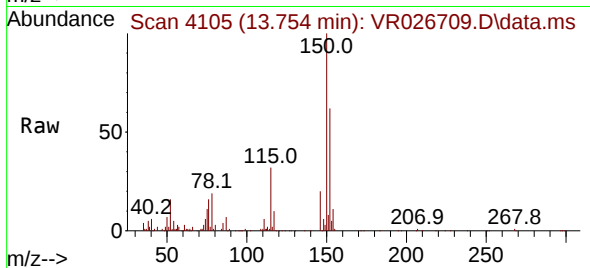
MDL03

Tgt Ion:	146	Resp:	26278
Ion	Ratio	Lower	Upper
146	100		
111	32.1	19.1	57.3
148	61.4	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#88

n-Butylbenzene

Concen: 2.370 ug/l

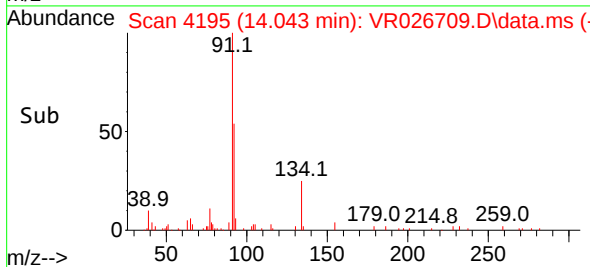
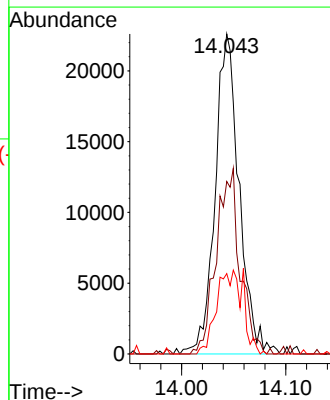
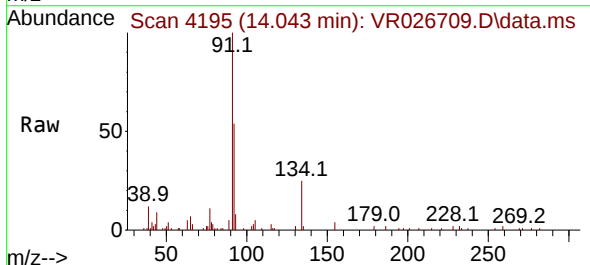
RT: 14.043 min Scan# 4195

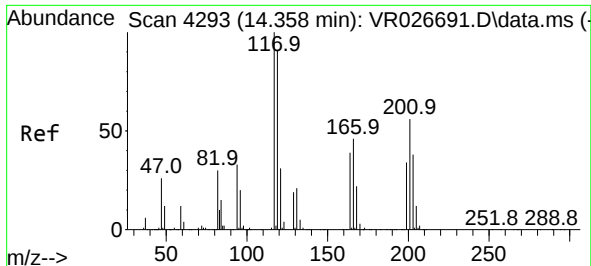
Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

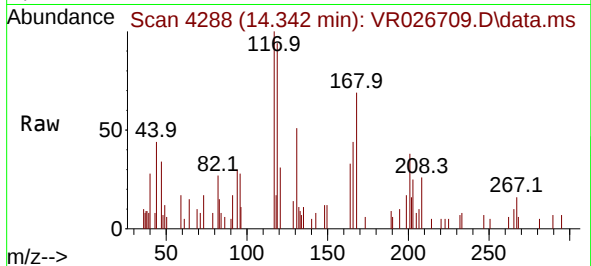
Tgt Ion:	91	Resp:	36286
Ion	Ratio	Lower	Upper
91	100		
92	57.3	27.1	81.2
134	29.0	13.1	39.3





#89
Hexachloroethane
Concen: 2.097 ug/l m
RT: 14.342 min Scan# 4293
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

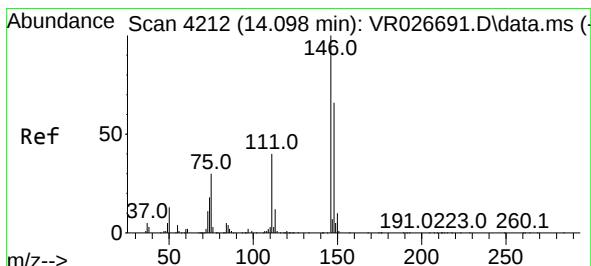
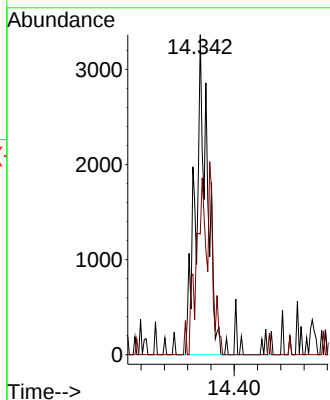
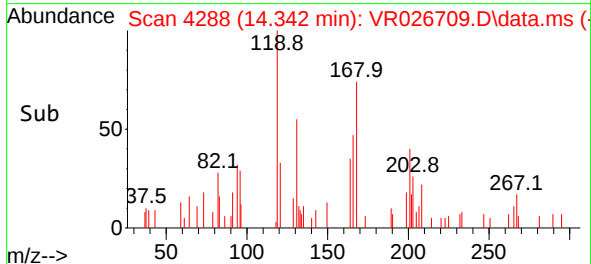
Instrument :
MSVOA_R
ClientSampleId :
MDL03



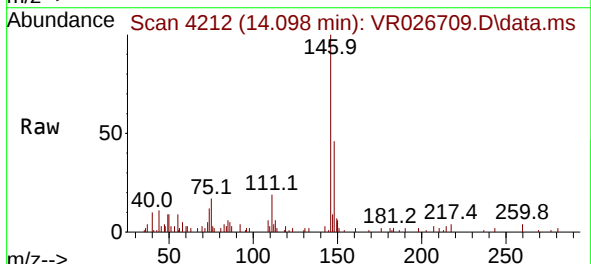
Tgt Ion:117 Resp: 5002
Ion Ratio Lower Upper
117 100
201 42.9 30.6 92.0

Manual Integrations
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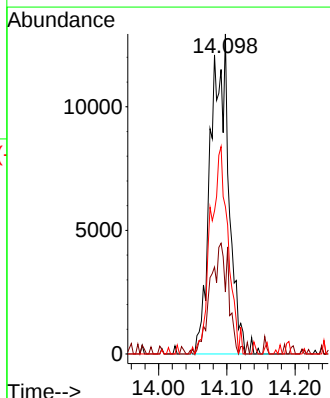
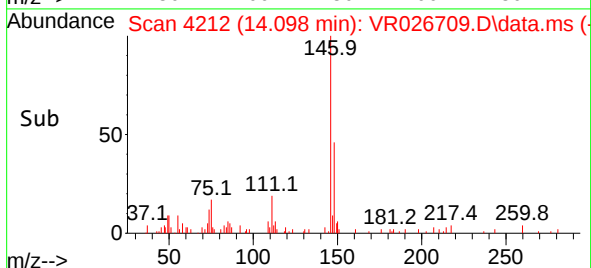
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

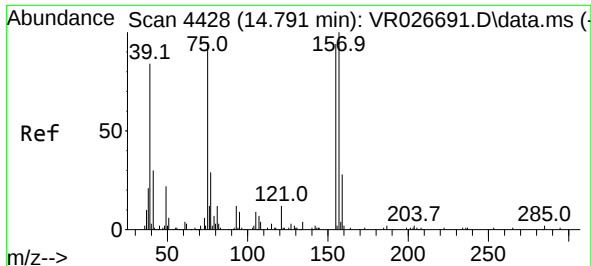


#90
1,2-Dichlorobenzene
Concen: 2.928 ug/l m
RT: 14.098 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43



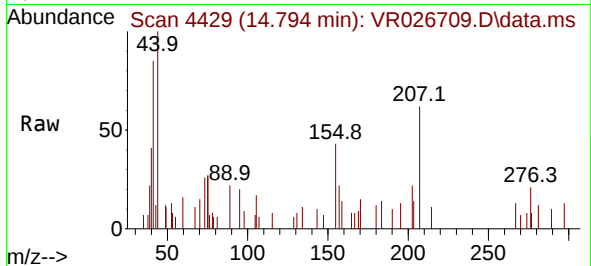
Tgt Ion:146 Resp: 24104
Ion Ratio Lower Upper
146 100
111 35.0 20.0 60.0
148 67.0 32.4 97.0





#91
1,2-Dibromo-3-Chloropropane
Concen: 2.846 ug/l m
RT: 14.794 min Scan# 4428
Delta R.T. 0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

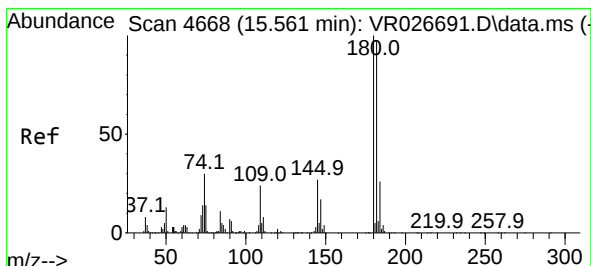
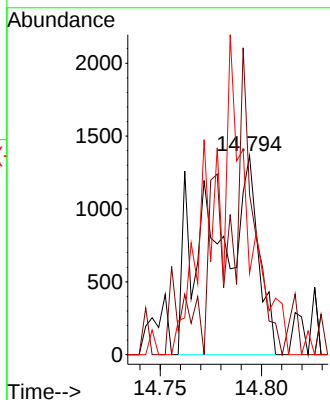
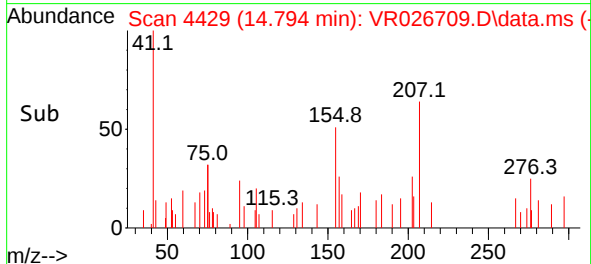
Instrument :
MSVOA_R
ClientSampleId :
MDL03



Tgt Ion: 75 Resp: 2148
Ion Ratio Lower Upper
75 100
155 29.5 48.0 144.2
157 34.5 59.5 178.4

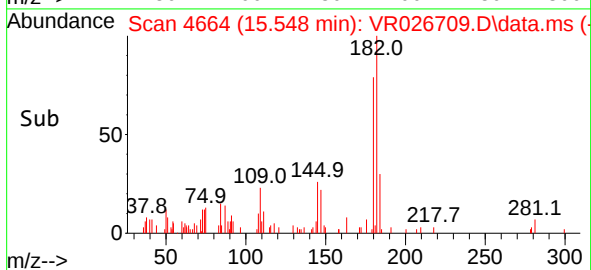
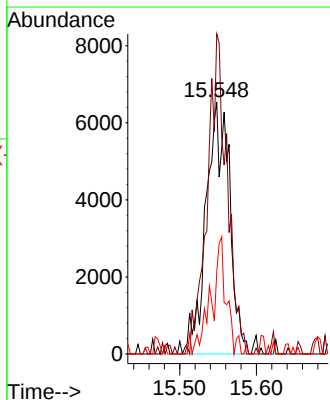
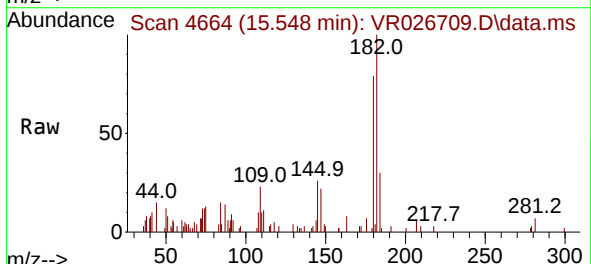
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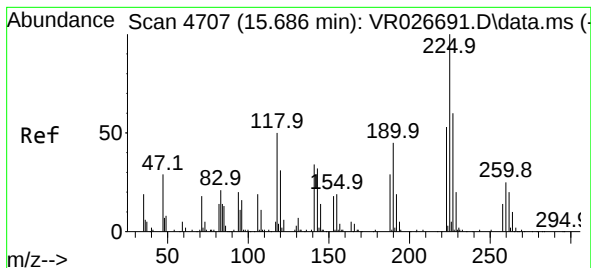
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#92
1,2,4-Trichlorobenzene
Concen: 2.871 ug/l m
RT: 15.548 min Scan# 4664
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

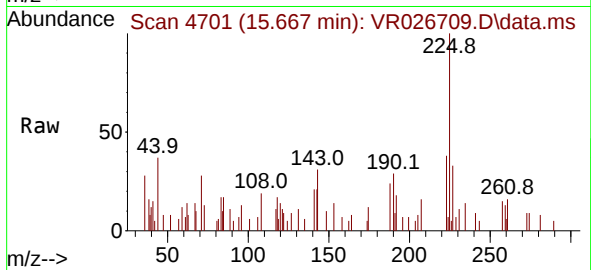
Tgt Ion:180 Resp: 14132
Ion Ratio Lower Upper
180 100
182 76.8 47.0 141.0
145 18.8 15.2 45.5





#93
Hexachlorobutadiene
Concen: 3.184 ug/l m
RT: 15.667 min Scan# 4707
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

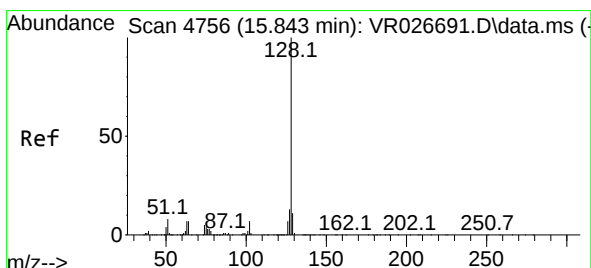
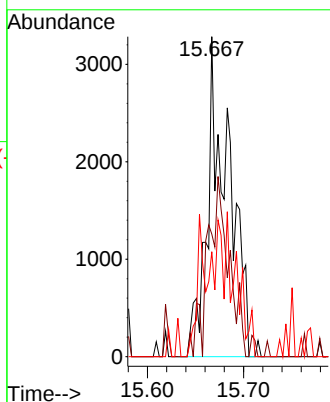
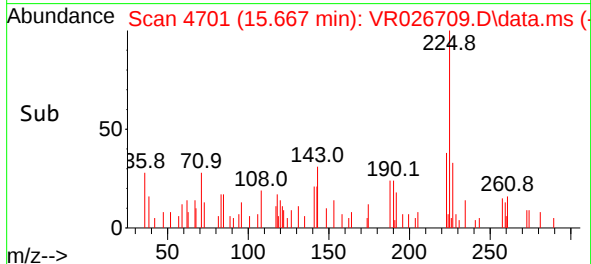
Instrument :
MSVOA_R
ClientSampleId :
MDL03



Tgt Ion:225 Resp: 509
Ion Ratio Lower Upper
225 100
223 55.9 31.4 94.2
227 9.2 31.6 95.0

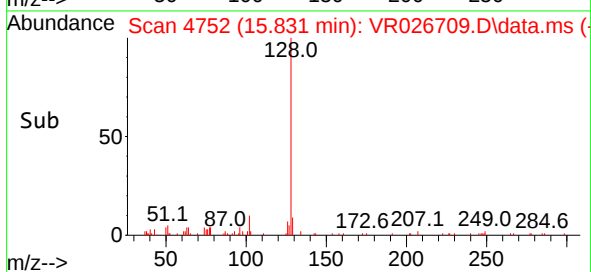
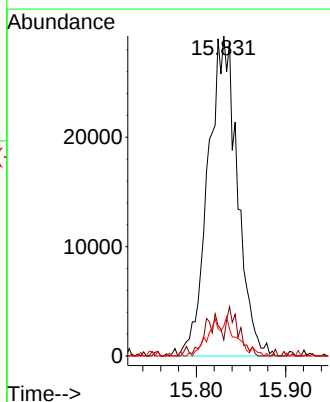
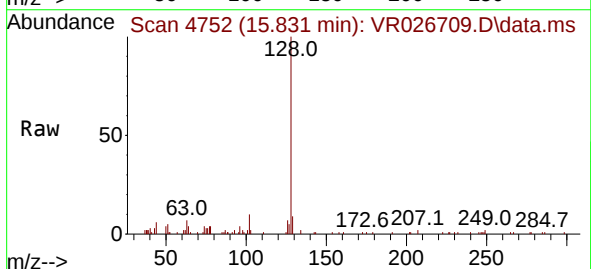
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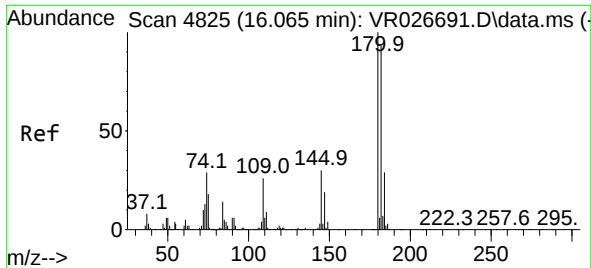
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#94
Naphthalene
Concen: 4.441 ug/l
RT: 15.831 min Scan# 4752
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

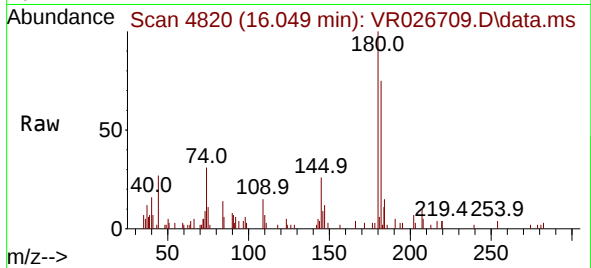
Tgt Ion:128 Resp: 66977
Ion Ratio Lower Upper
128 100
127 6.5 9.8 14.8#
129 4.9 8.6 13.0#





#95
 1,2,3-Trichlorobenzene
 Concen: 3.307 ug/l m
 RT: 16.049 min Scan# 44
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	70.2	47.2	141.6
145	17.2	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

