

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026700.D
 Acq On : 4 Aug 2025 16:47
 Operator : SY/MD
 Sample : MDL02
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 07:45:51 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	7.311	168	517176	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.338	114	999127	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.544	117	737654	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.751	152	323821	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.699	65	359569	54.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.860%			
34) Dibromofluoromethane	7.215	113	300951	48.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
49) Toluene-d8	10.042	98	1134568	51.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
61) 4-Bromofluorobenzene	12.680	95	303895	48.260	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.663	85	8421	2.234	ug/l	87
3) Chloromethane	1.846	50	15391	2.747	ug/l #	74
4) Vinyl Chloride	1.965	62	16356	2.857	ug/l	97
5) Bromomethane	2.302	94	10746	3.852	ug/l	86
6) Chloroethane	2.440	64	10799	2.929	ug/l	91
7) Trichlorofluoromethane	2.725	101	32052	3.106	ug/l	91
8) Diethyl Ether	3.085	74	15176	3.314	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.390	101	15120m	2.716	ug/l	
10) Methyl Iodide	3.566	142	10884m	2.026	ug/l	
11) Tert butyl alcohol	4.340	59	14970	14.617	ug/l #	81
12) 1,1-Dichloroethene	3.370	96	13558	2.464	ug/l #	67
13) Acrolein	3.252	56	8170m	5.457	ug/l	
14) Allyl chloride	3.894	41	26734m	2.470	ug/l	
15) Acrylonitrile	4.490	53	67637	16.637	ug/l	97
16) Acetone	3.454	43	58991	19.202	ug/l	88
17) Carbon Disulfide	3.653	76	13589	1.669	ug/l	100
18) Methyl Acetate	3.916	43	28344	2.211	ug/l #	61
19) Methyl tert-butyl Ether	4.574	73	61552m	2.796	ug/l	
20) Methylene Chloride	4.096	84	20466	2.807	ug/l #	84
21) trans-1,2-Dichloroethene	4.551	96	13823	2.286	ug/l	85
22) Diisopropyl ether	5.482	45	66111	2.607	ug/l #	97
23) Vinyl Acetate	5.408	43	233446	16.143	ug/l	99
24) 1,1-Dichloroethane	5.341	63	35684	2.778	ug/l #	89
25) 2-Butanone	6.393	43	81537	17.147	ug/l #	84
26) 2,2-Dichloropropane	6.368	77	21775m	2.452	ug/l	
27) cis-1,2-Dichloroethene	6.368	96	19513	2.508	ug/l	72
28) Bromochloromethane	6.759	49	17166	3.709	ug/l #	62
29) Chloroform	6.980	83	29209	2.625	ug/l #	73
30) Cyclohexane	7.298	56	31077	2.996	ug/l #	49
31) 1,1,1-Trichloroethane	7.179	97	19949m	2.482	ug/l	
35) 1,1-Dichloropropene	7.446	75	17295m	2.218	ug/l	
36) Ethyl Acetate	6.499	43	27474m	2.944	ug/l	
37) Carbon Tetrachloride	7.420	117	14587m	2.297	ug/l	
38) Methylcyclohexane	8.899	83	17045	1.910	ug/l	91
39) Benzene	7.719	78	65064	2.318	ug/l	95
40) Methacrylonitrile	6.737	41	17344m	2.990	ug/l	

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.808	62	18447	2.583	ug/l	92
42) Isopropyl Acetate	7.879	43	41076m	2.737	ug/l	
43) Trichloroethene	8.614	130	12648	2.343	ug/l	95
44) 1,2-Dichloropropane	8.935	63	16034	2.413	ug/l #	82
45) Dibromomethane	9.028	93	9746	2.638	ug/l	94
46) Bromodichloromethane	9.259	83	16888	2.359	ug/l #	80
47) Methyl methacrylate	9.044	41	17749	2.702	ug/l #	90
48) 1,4-Dioxane	9.047	88	6953m	65.718	ug/l	
50) 4-Methyl-2-Pentanone	9.926	43	116159	14.826	ug/l	96
51) Toluene	10.116	92	34594	2.414	ug/l	97
52) t-1,3-Dichloropropene	10.372	75	12888	1.837	ug/l	93
53) cis-1,3-Dichloropropene	9.759	75	19130	2.273	ug/l	89
54) 1,1,2-Trichloroethane	10.574	97	14466	2.764	ug/l #	80
55) Ethyl methacrylate	10.440	69	20965	2.426	ug/l	95
56) 1,3-Dichloropropane	10.741	76	23373	2.622	ug/l	90
57) 2-Chloroethyl Vinyl ether	9.599	63	8585m	17.973	ug/l	
58) 2-Hexanone	10.806	43	77453	14.664	ug/l	99
59) Dibromochloromethane	10.969	129	8984	2.028	ug/l	80
60) 1,2-Dibromoethane	11.081	107	13341	2.962	ug/l	95
63) Tetrachloroethene	10.661	164	8782	2.179	ug/l #	65
64) Chlorobenzene	11.576	112	39267	2.558	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.659	131	8049	1.920	ug/l	73
66) Ethyl Benzene	11.669	91	57650	2.249	ug/l	91
67) m/p-Xylenes	11.794	106	44723m	4.367	ug/l	
68) o-Xylene	12.169	106	23444	2.358	ug/l	96
69) Styrene	12.185	104	38815	2.336	ug/l	97
70) Bromoform	12.371	173	4926	2.076	ug/l #	63
72) Isopropylbenzene	12.506	105	56335	2.441	ug/l	99
73) N-amyl acetate	12.314	43	26354	2.880	ug/l #	79
74) 1,1,2,2-Tetrachloroethane	12.792	83	19396	2.864	ug/l	92
75) 1,2,3-Trichloropropane	12.856	75	12020m	2.239	ug/l	
76) Bromobenzene	12.824	156	13422	2.513	ug/l	82
77) n-propylbenzene	12.898	91	65009	2.361	ug/l	96
78) 2-Chlorotoluene	12.988	91	40063	2.564	ug/l	92
79) 1,3,5-Trimethylbenzene	13.061	105	40901	2.266	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.558	75	3840m	2.084	ug/l	
81) 4-Chlorotoluene	13.106	91	38991	2.443	ug/l	91
82) tert-Butylbenzene	13.353	119	40960	2.495	ug/l #	63
83) 1,2,4-Trimethylbenzene	13.405	105	37945	2.124	ug/l	88
84) sec-Butylbenzene	13.559	105	54641	2.244	ug/l	100
85) p-Isopropyltoluene	13.694	119	43772	2.205	ug/l	87
86) 1,3-Dichlorobenzene	13.681	146	25730	2.457	ug/l	90
87) 1,4-Dichlorobenzene	13.774	146	24909	2.370	ug/l	85
88) n-Butylbenzene	14.063	91	43394	2.372	ug/l	96
89) Hexachloroethane	14.364	117	5134m	1.801	ug/l	
90) 1,2-Dichlorobenzene	14.098	146	24663	2.508	ug/l	96
91) 1,2-Dibromo-3-Chloropr...	14.807	75	2166m	2.402	ug/l	
92) 1,2,4-Trichlorobenzene	15.564	180	14588	2.481	ug/l	83
93) Hexachlorobutadiene	15.699	225	4708m	2.464	ug/l	
94) Naphthalene	15.853	128	60912m	3.380	ug/l	
95) 1,2,3-Trichlorobenzene	16.068	180	15161	2.715	ug/l	94

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ClientSampleId :
MDL02

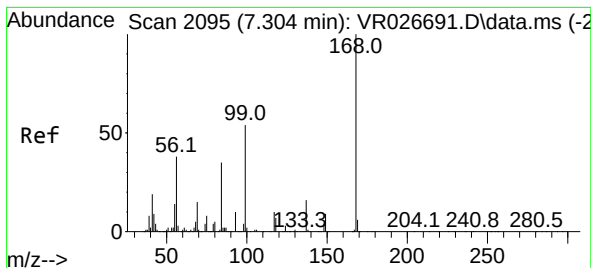
Manual Integrations
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Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.311 min Scan# 2095

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion:168 Resp: 517170

Ion Ratio Lower Upper

168 100

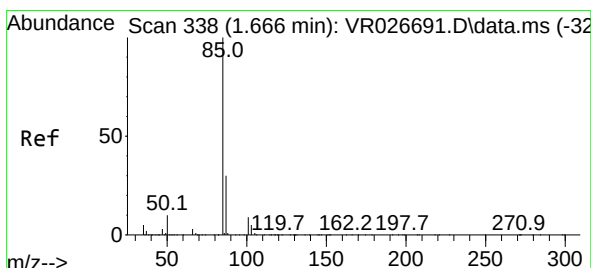
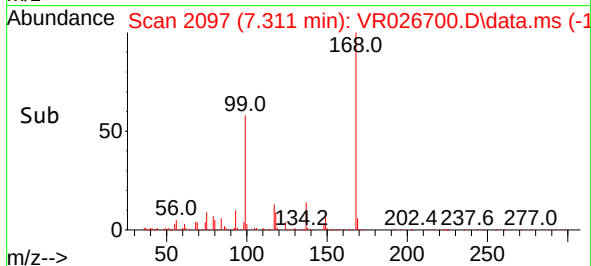
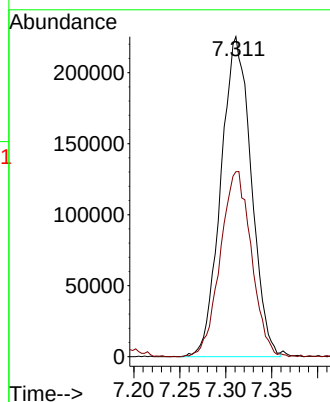
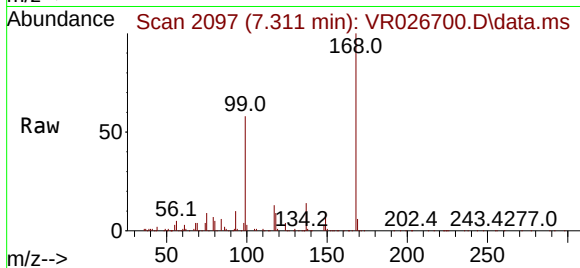
99 57.8 43.8 65.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#2

Dichlorodifluoromethane

Concen: 2.234 ug/l

RT: 1.663 min Scan# 337

Delta R.T. -0.003 min

Lab File: VR026700.D

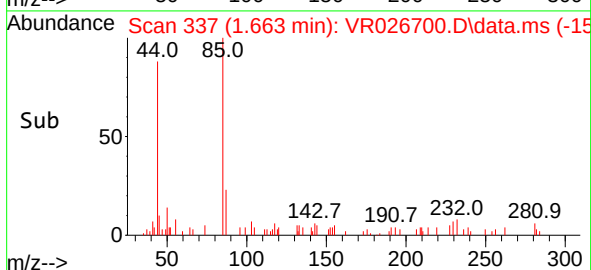
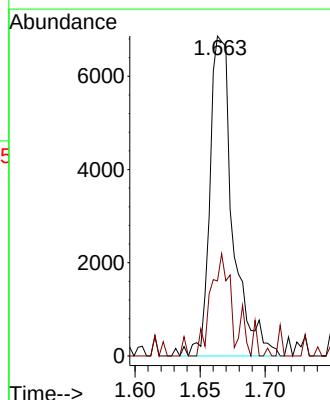
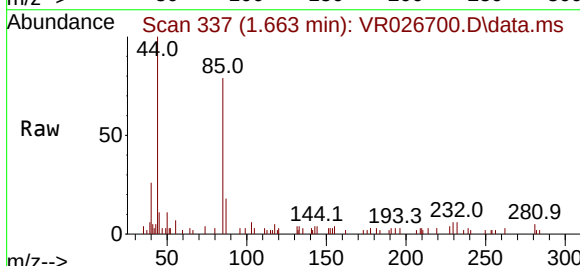
Acq: 4 Aug 2025 16:47

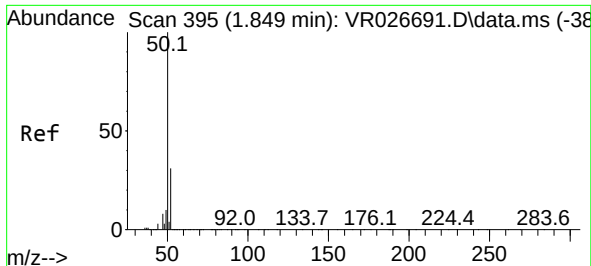
Tgt Ion: 85 Resp: 8421

Ion Ratio Lower Upper

85 100

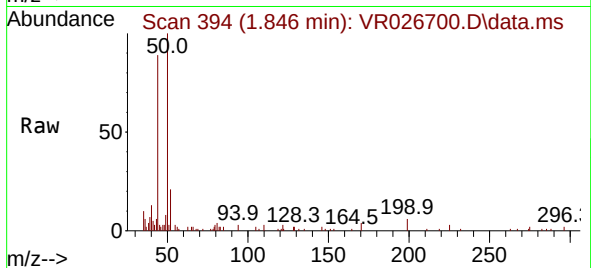
87 23.5 15.2 45.5





#3
Chloromethane
Concen: 2.747 ug/l
RT: 1.846 min Scan# 394
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

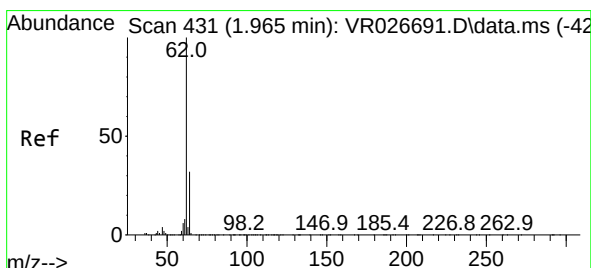
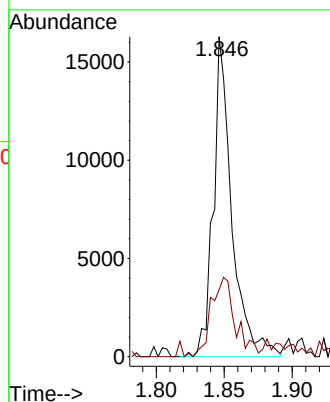
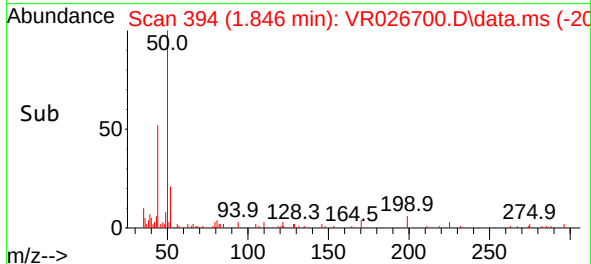
Instrument : MSVOA_R
ClientSampleId : MDL02



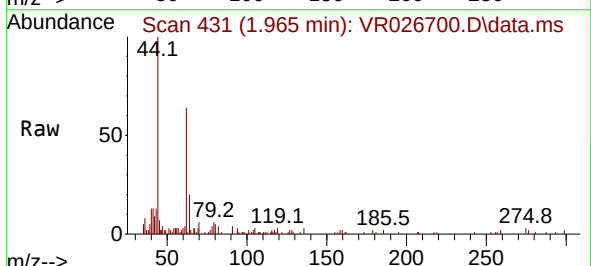
Tgt Ion: 50 Resp: 1539
Ion Ratio Lower Upper
50 100
52 16.9 25.0 37.4

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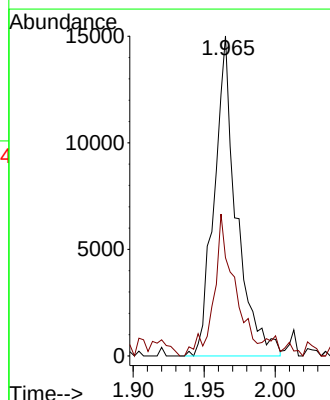
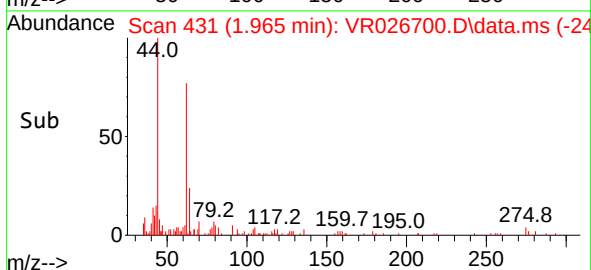
Reviewed By :Mahesh Dadoda 08/05/2025
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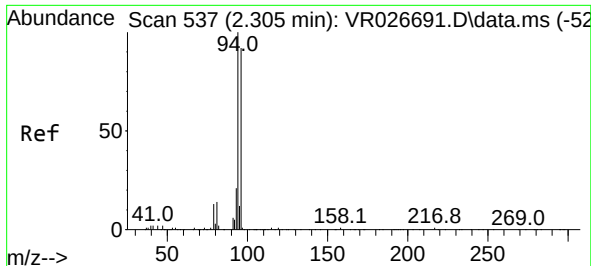


#4
Vinyl Chloride
Concen: 2.857 ug/l
RT: 1.965 min Scan# 431
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion: 62 Resp: 16356
Ion Ratio Lower Upper
62 100
64 30.7 25.9 38.9





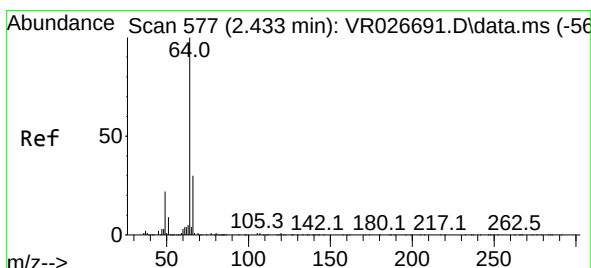
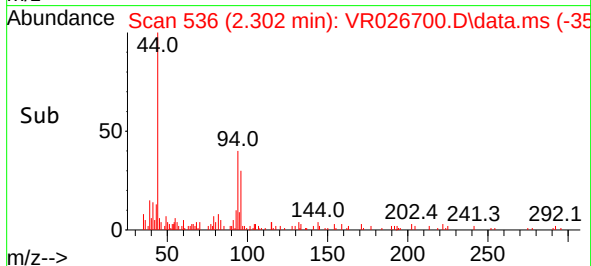
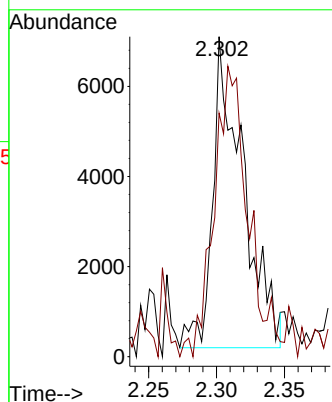
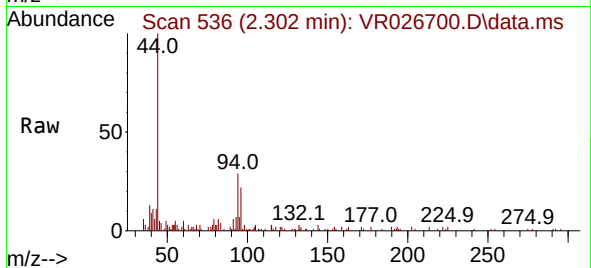
#5
Bromomethane
Concen: 3.852 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 94 Resp: 10740
Ion Ratio Lower Upper
94 100
96 78.3 73.3 109.9

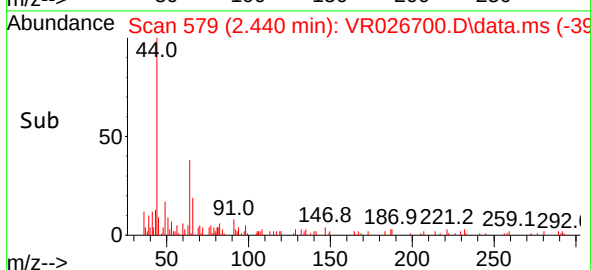
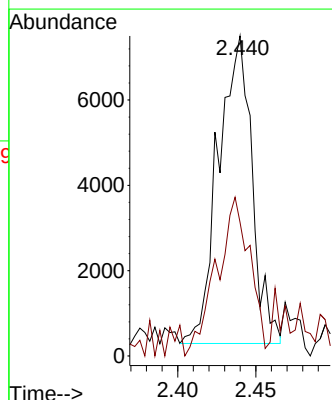
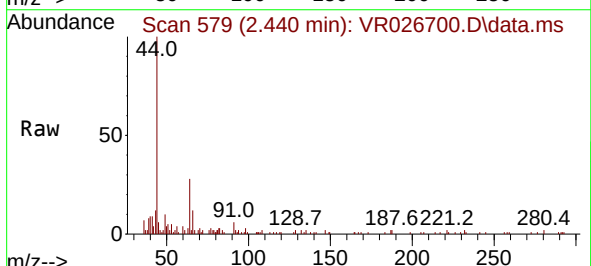
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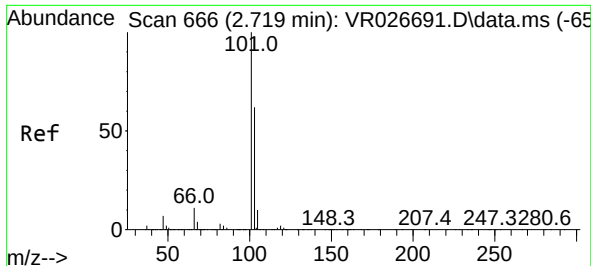
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#6
Chloroethane
Concen: 2.929 ug/l
RT: 2.440 min Scan# 579
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 64 Resp: 10799
Ion Ratio Lower Upper
64 100
66 35.2 24.3 36.5





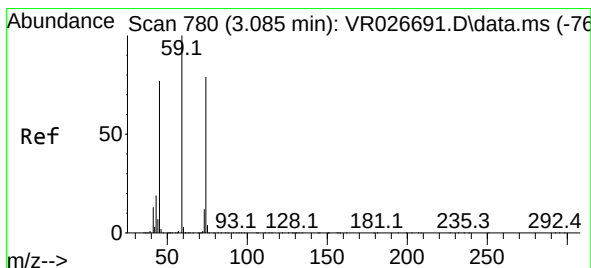
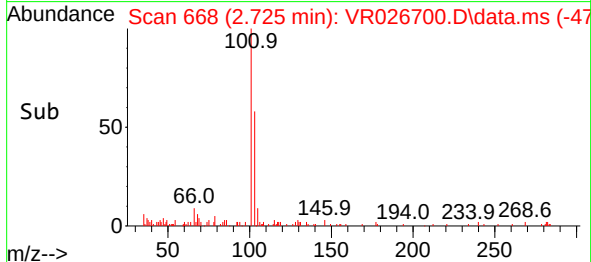
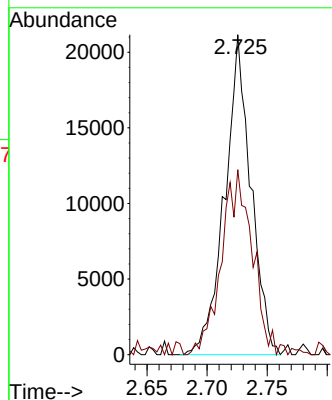
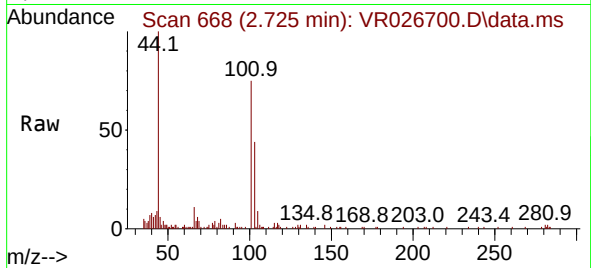
#7
Trichlorofluoromethane
Concen: 3.106 ug/l
RT: 2.725 min Scan# 60
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 3205
Ion Ratio Lower Upper
101 100
103 54.6 49.4 74.2

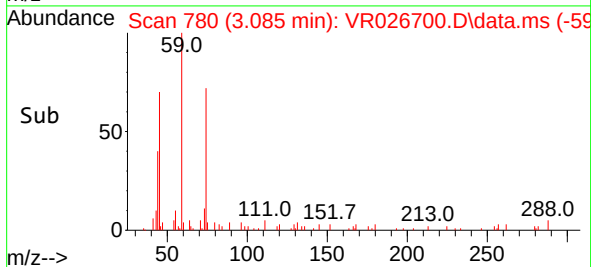
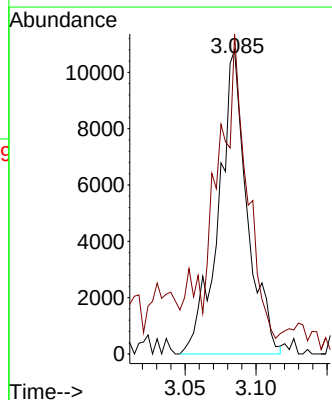
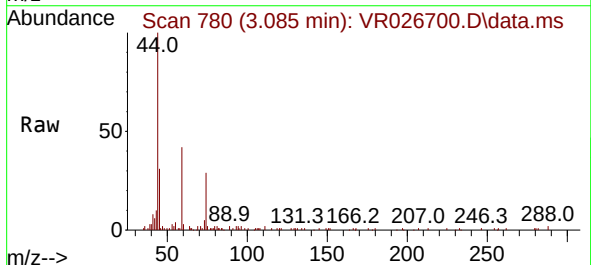
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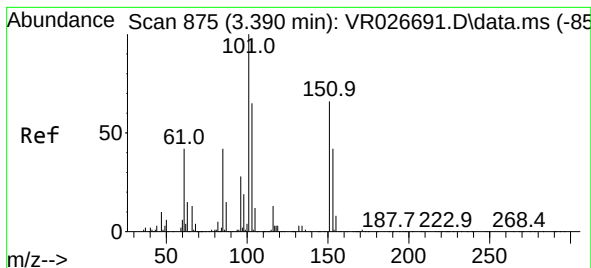
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#8
Diethyl Ether
Concen: 3.314 ug/l
RT: 3.085 min Scan# 780
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 74 Resp: 15176
Ion Ratio Lower Upper
74 100
45 97.5 47.1 141.3





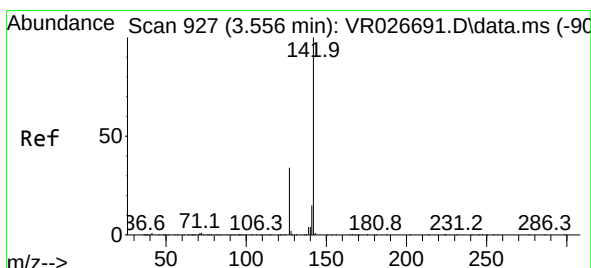
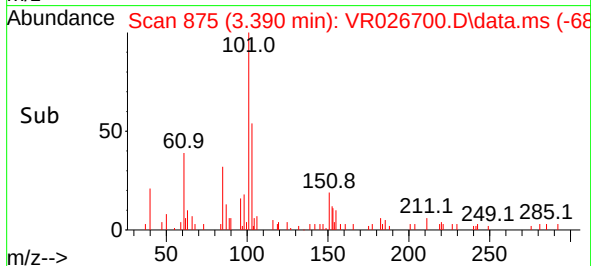
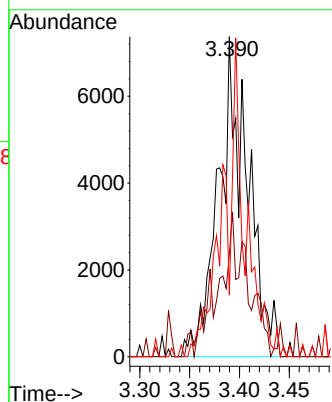
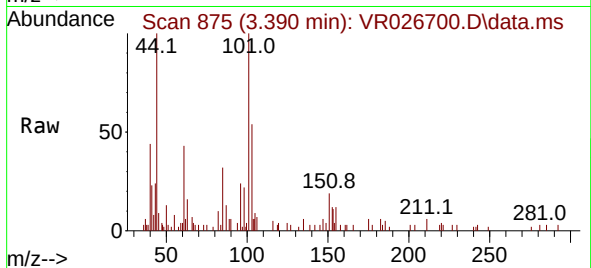
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.716 ug/l m
RT: 3.390 min Scan# 875
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

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Tgt Ion:101 Resp: 15120
Ion Ratio Lower Upper
101 100
85 20.1 34.5 51.7
151 17.6 53.4 80.0

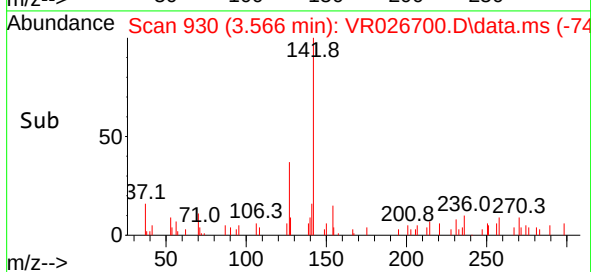
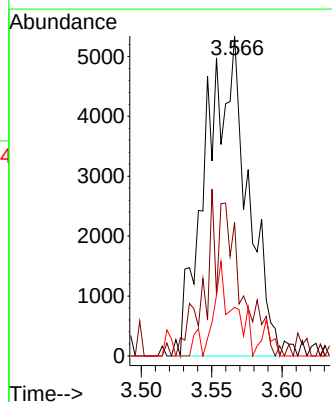
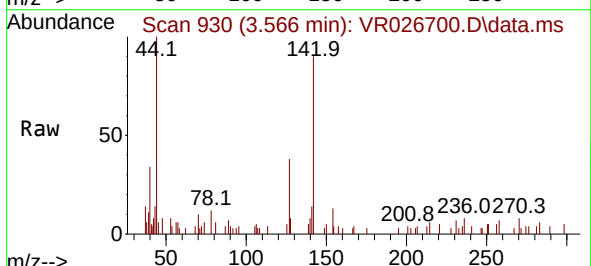
Manual Integrations
APPROVED

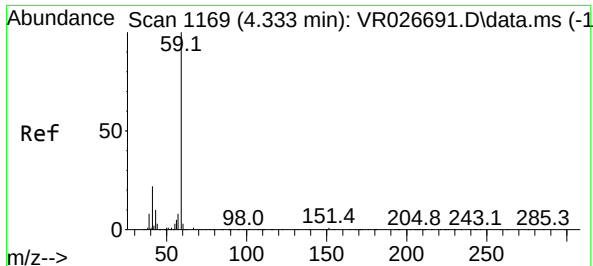
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#10
Methyl Iodide
Concen: 2.026 ug/l m
RT: 3.566 min Scan# 930
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

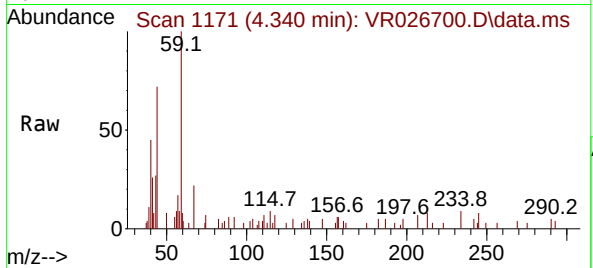
Tgt Ion:142 Resp: 10884
Ion Ratio Lower Upper
142 100
127 24.7 30.1 45.1
141 13.8 10.8 16.2





#11
Tert butyl alcohol
Concen: 14.617 ug/l
RT: 4.340 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

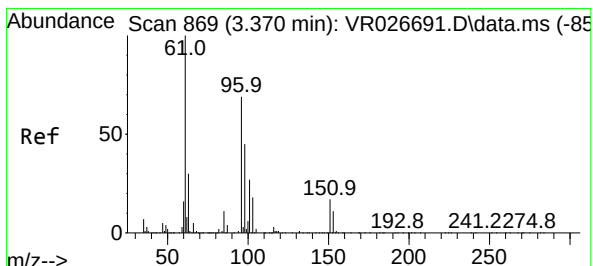
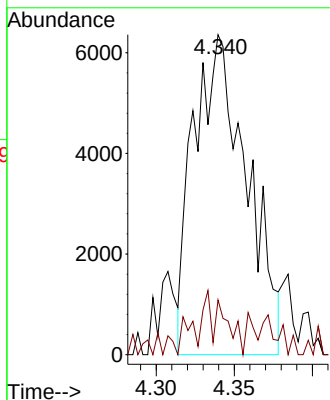
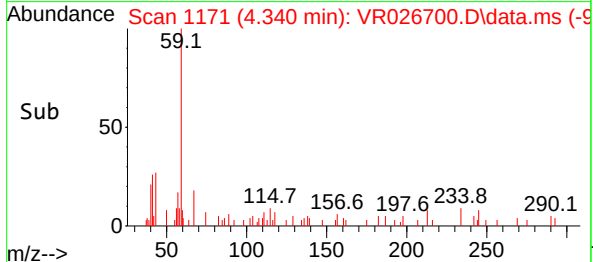
Instrument :
MSVOA_R
ClientSampleId :
MDL02



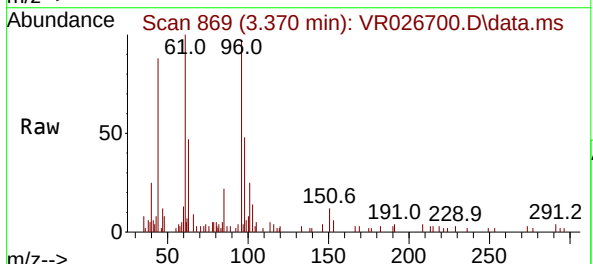
Tgt Ion: 59 Resp: 14970
Ion Ratio Lower Upper
59 100
57 2.5 7.7 11.5

Manual Integrations
APPROVED

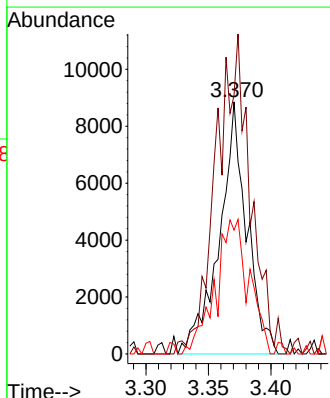
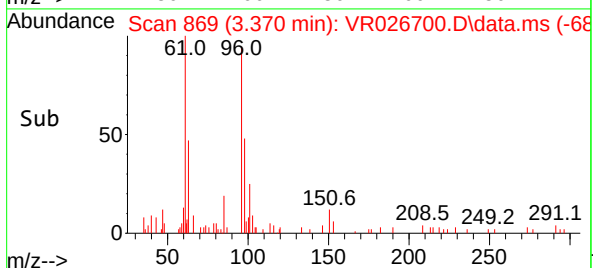
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

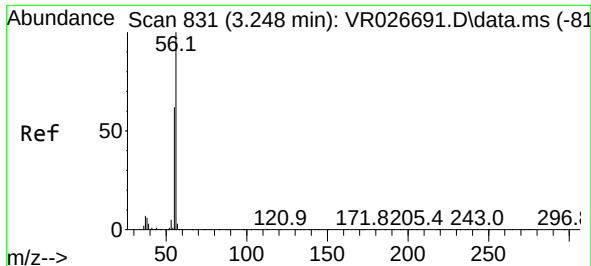


#12
1,1-Dichloroethene
Concen: 2.464 ug/l
RT: 3.370 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



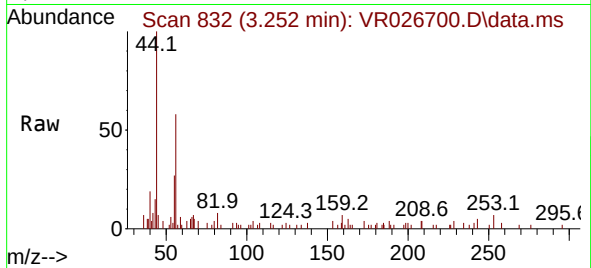
Tgt Ion: 96 Resp: 13558
Ion Ratio Lower Upper
96 100
61 97.9 116.2 174.4#
98 49.1 52.3 78.5#





#13
Acrolein
Concen: 5.457 ug/l m
RT: 3.252 min Scan# 81
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

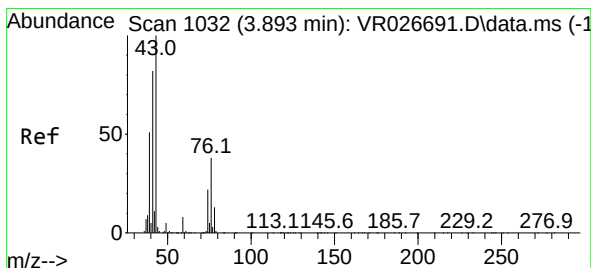
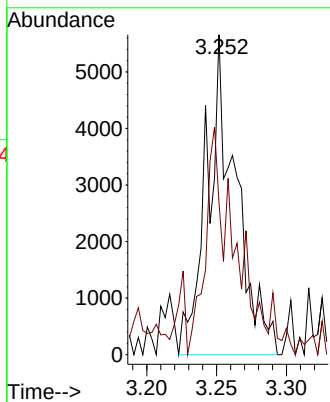
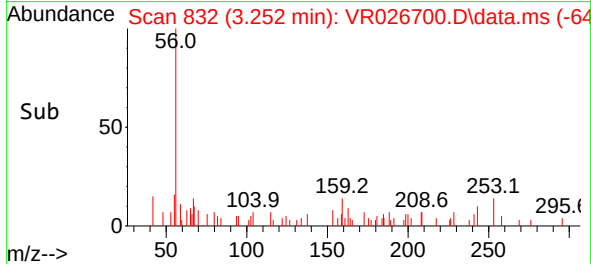
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion: 56 Resp: 8170
Ion Ratio Lower Upper
56 100
55 37.3 53.8 80.8

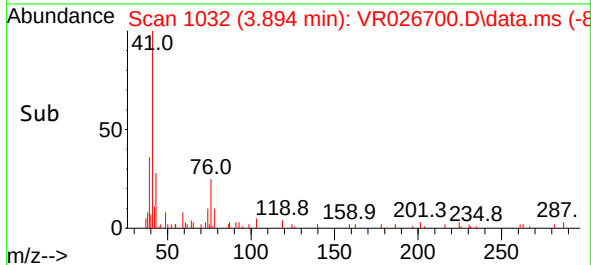
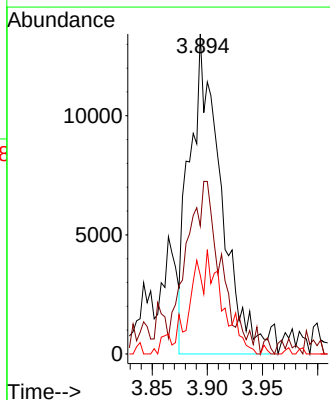
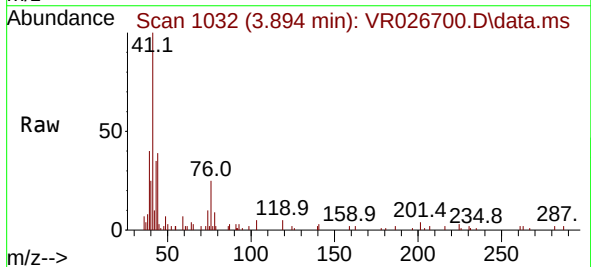
Manual Integrations
APPROVED

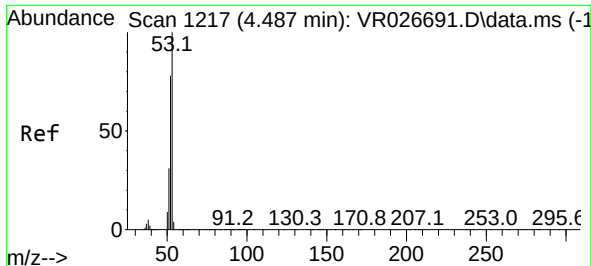
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#14
Allyl chloride
Concen: 2.470 ug/l m
RT: 3.894 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

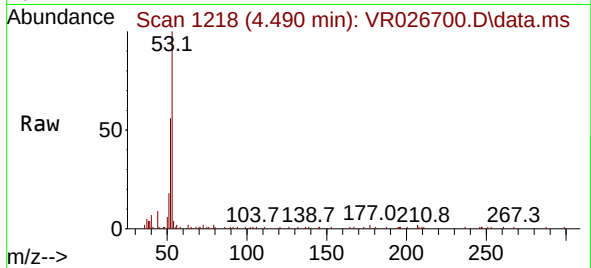
Tgt Ion: 41 Resp: 26734
Ion Ratio Lower Upper
41 100
39 51.4 44.2 66.2
76 11.1 31.0 46.4





#15
Acrylonitrile
Concen: 16.637 ug/l
RT: 4.490 min Scan# 1218
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

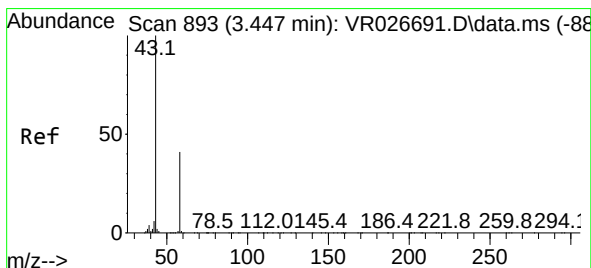
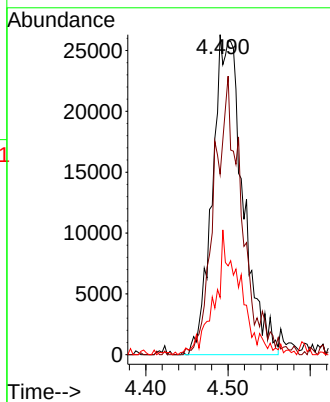
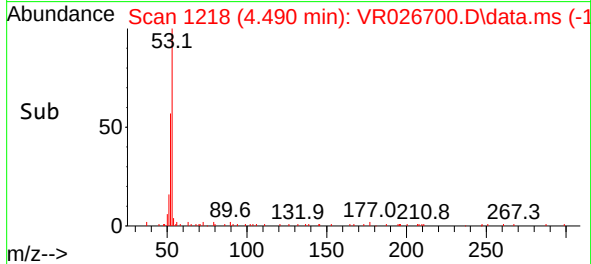
Instrument : MSVOA_R
ClientSampleId : MDL02



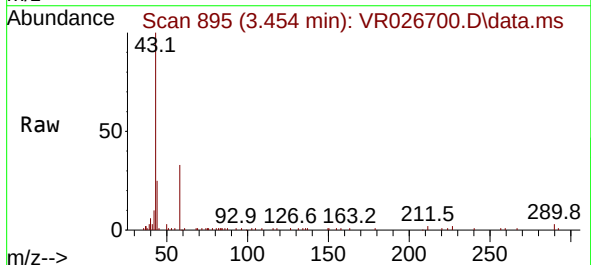
Tgt Ion: 53 Resp: 6763
Ion Ratio Lower Upper
53 100
52 74.7 61.4 92.2
51 30.4 25.8 38.6

Manual Integrations
APPROVED

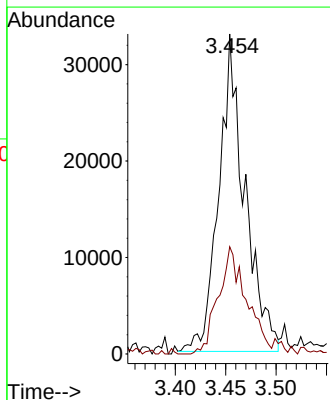
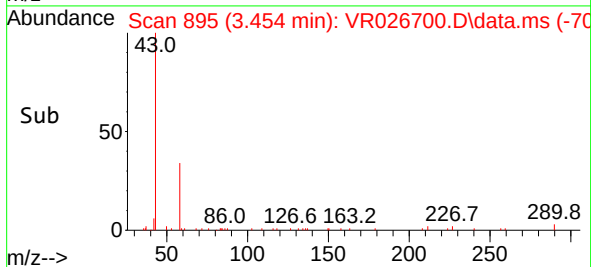
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

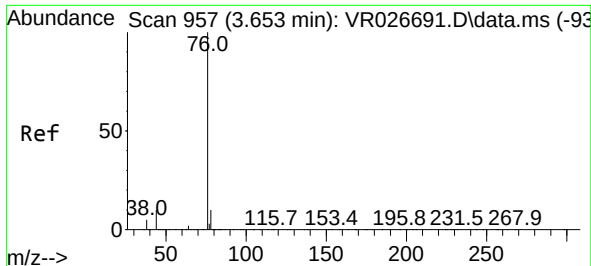


#16
Acetone
Concen: 19.202 ug/l
RT: 3.454 min Scan# 895
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion: 43 Resp: 58991
Ion Ratio Lower Upper
43 100
58 33.8 32.9 49.3





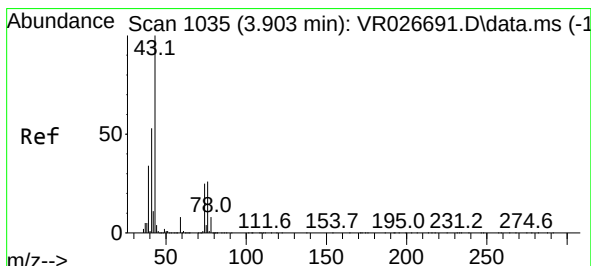
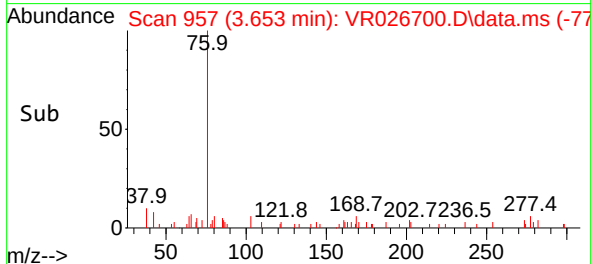
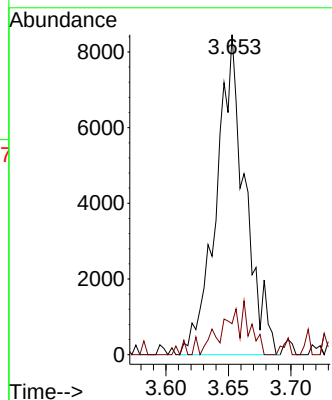
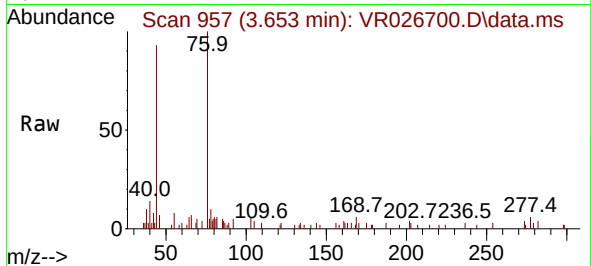
#17
Carbon Disulfide
Concen: 1.669 ug/l
RT: 3.653 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 76 Resp: 13589
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6

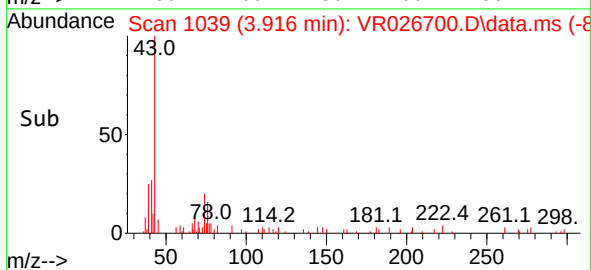
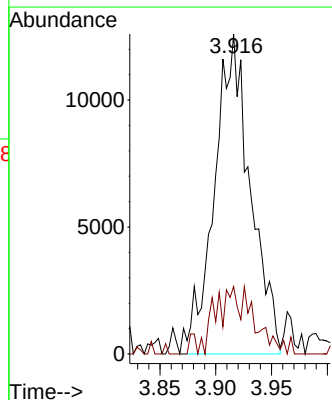
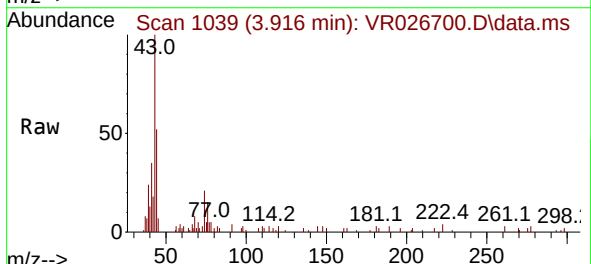
Manual Integrations
APPROVED

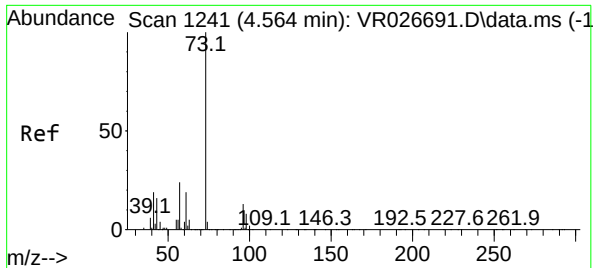
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#18
Methyl Acetate
Concen: 2.211 ug/l
RT: 3.916 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

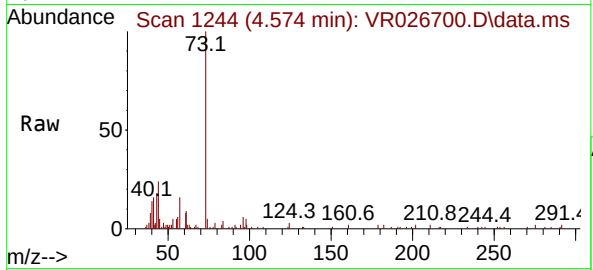
Tgt Ion: 43 Resp: 28344
Ion Ratio Lower Upper
43 100
74 4.9 19.4 29.0#





#19
Methyl tert-butyl Ether
Concen: 2.796 ug/l m
RT: 4.574 min Scan# 1
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

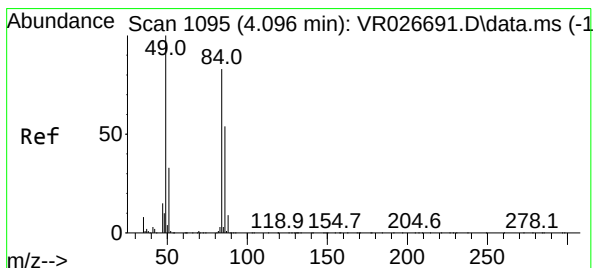
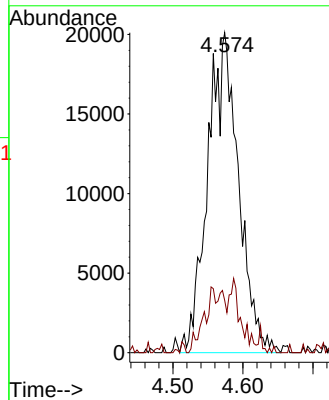
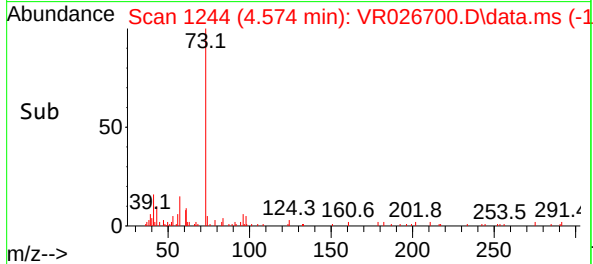
Instrument :
MSVOA_R
ClientSampleId :
MDL02



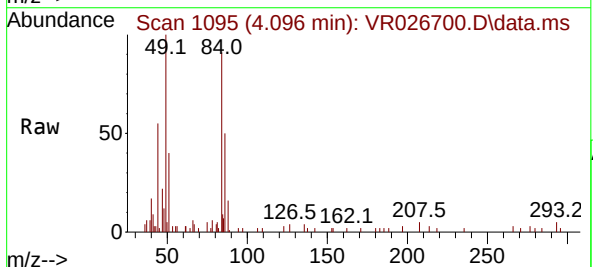
Tgt Ion: 73 Resp: 6155
Ion Ratio Lower Upper
73 100
57 16.3 19.4 29.0

Manual Integrations
APPROVED

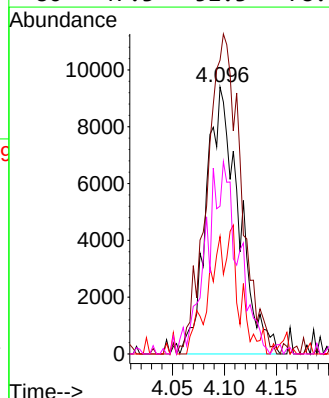
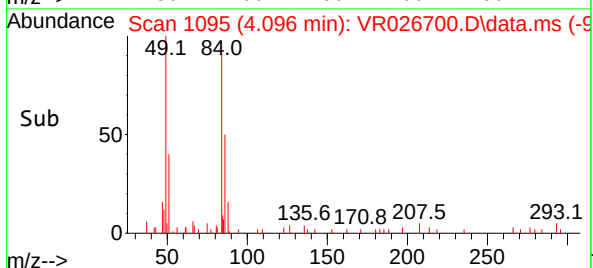
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

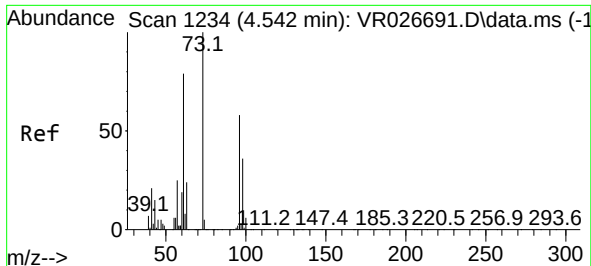


#20
Methylene Chloride
Concen: 2.807 ug/l
RT: 4.096 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



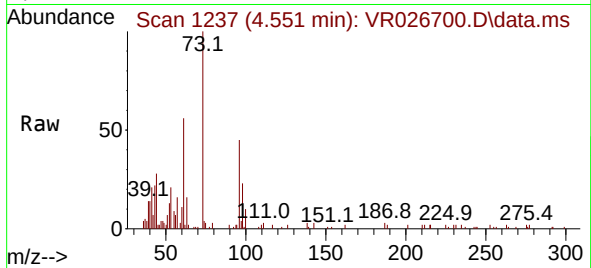
Tgt Ion: 84 Resp: 20466
Ion Ratio Lower Upper
84 100
49 100.2 96.2 144.4
51 40.1 31.8 47.6
86 47.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 2.286 ug/l
RT: 4.551 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

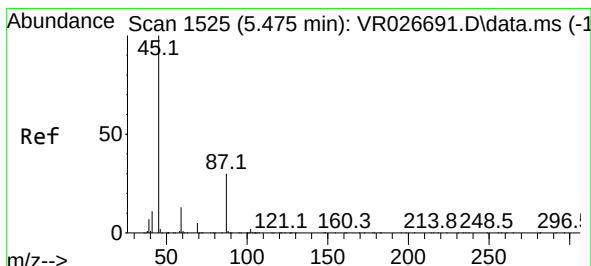
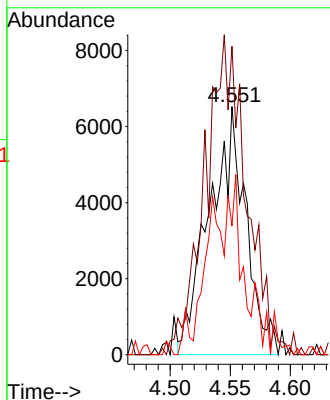
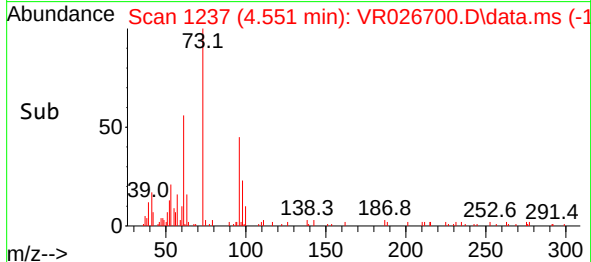
Instrument : MSVOA_R
ClientSampleId : MDL02



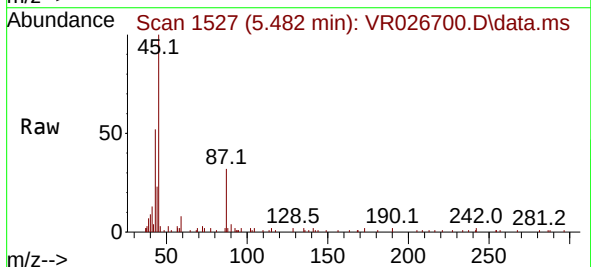
Tgt Ion: 96 Resp: 1382
Ion Ratio Lower Upper
96 100
61 119.0 110.3 165.5
98 51.8 50.2 75.4

Manual Integrations
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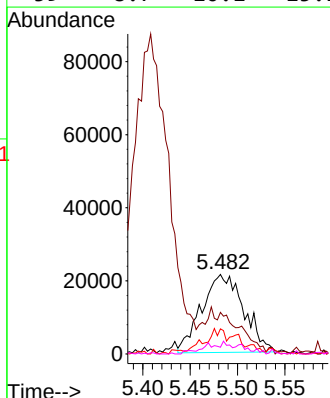
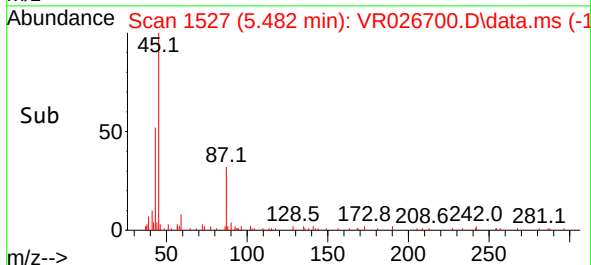
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

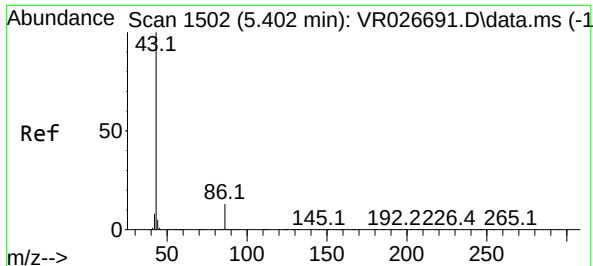


#22
Diisopropyl ether
Concen: 2.607 ug/l
RT: 5.482 min Scan# 1527
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



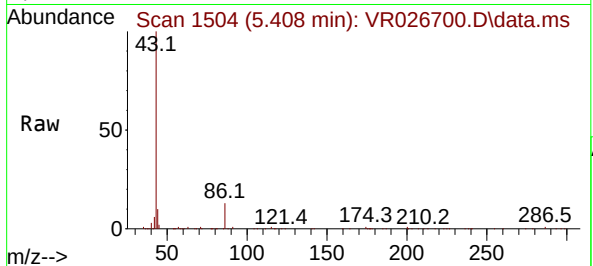
Tgt Ion: 45 Resp: 66111
Ion Ratio Lower Upper
45 100
43 49.8 38.2 57.2
87 30.2 24.0 36.0
59 8.7 10.1 15.1#





#23
 Vinyl Acetate
 Concen: 16.143 ug/l
 RT: 5.408 min Scan# 1504
 Delta R.T. 0.007 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

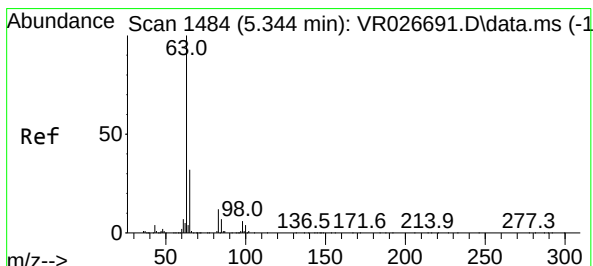
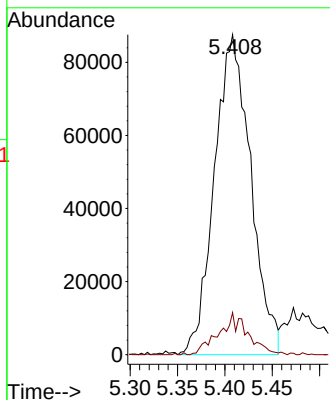
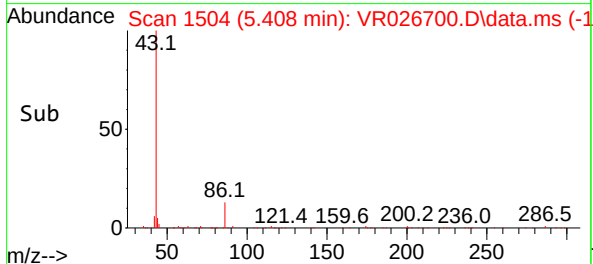
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02



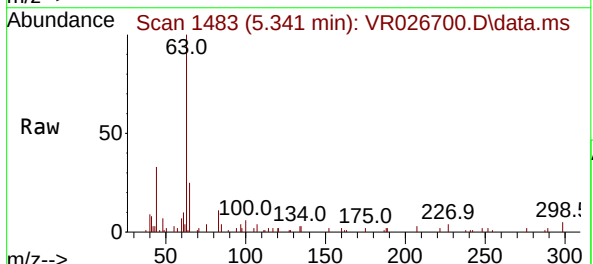
Tgt Ion: 43 Resp: 233440
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1

Manual Integrations
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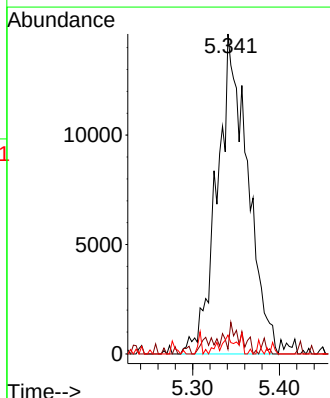
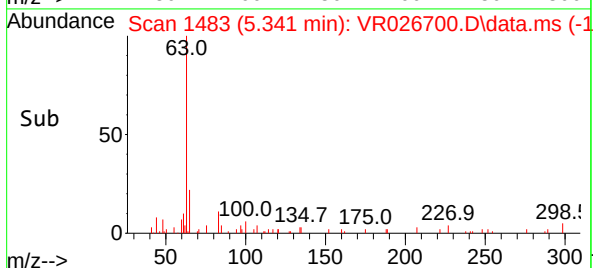
Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

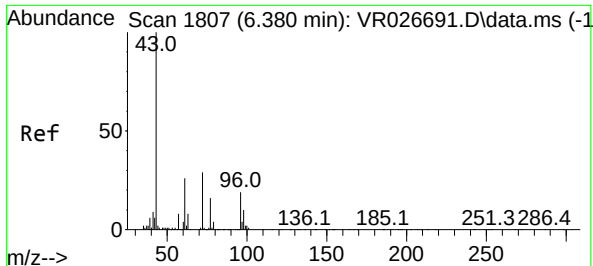


#24
 1,1-Dichloroethane
 Concen: 2.778 ug/l
 RT: 5.341 min Scan# 1483
 Delta R.T. -0.003 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47



Tgt Ion: 63 Resp: 35684
 Ion Ratio Lower Upper
 63 100
 98 1.5 2.9 8.8#
 100 5.9 1.8 5.4#





#25

2-Butanone

Concen: 17.147 ug/l

RT: 6.393 min Scan# 1811

Delta R.T. 0.013 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 8153

Ion Ratio Lower Upper

43 100

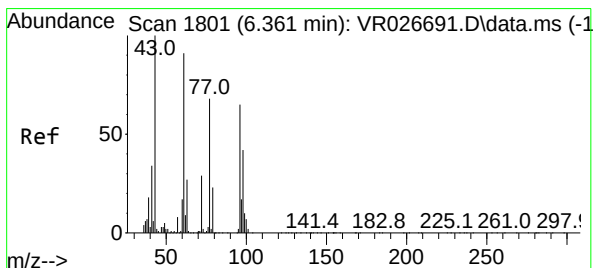
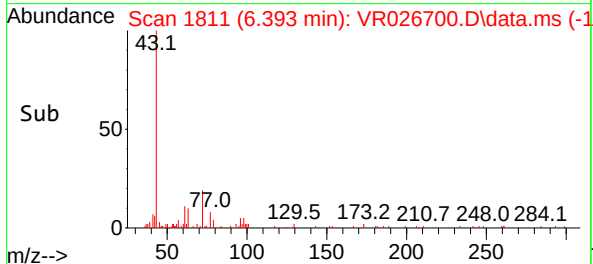
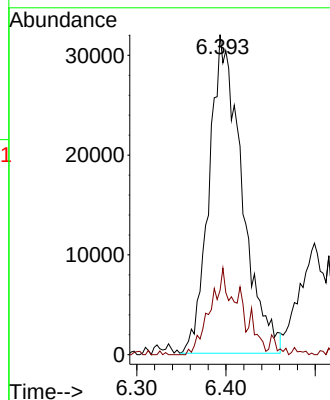
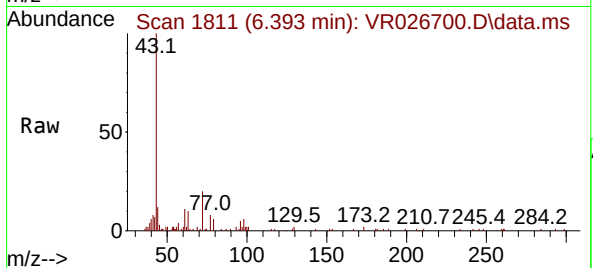
72 20.1 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#26

2,2-Dichloropropane

Concen: 2.452 ug/l m

RT: 6.368 min Scan# 1803

Delta R.T. 0.007 min

Lab File: VR026700.D

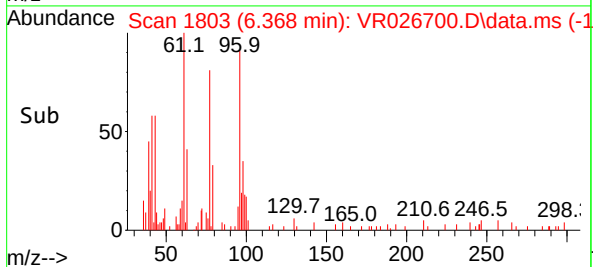
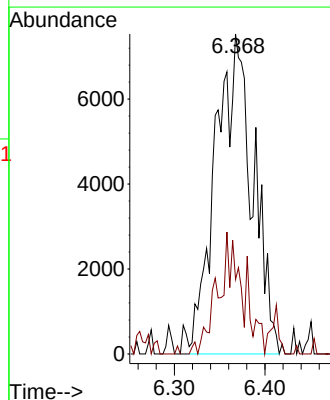
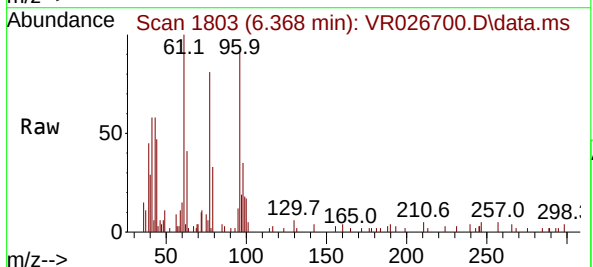
Acq: 4 Aug 2025 16:47

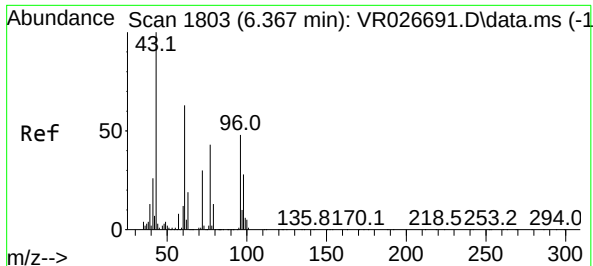
Tgt Ion: 77 Resp: 21775

Ion Ratio Lower Upper

77 100

97 0.7 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 2.508 ug/l

RT: 6.368 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

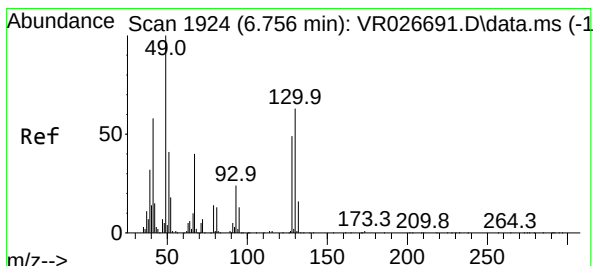
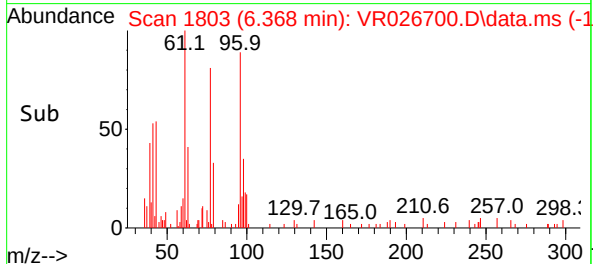
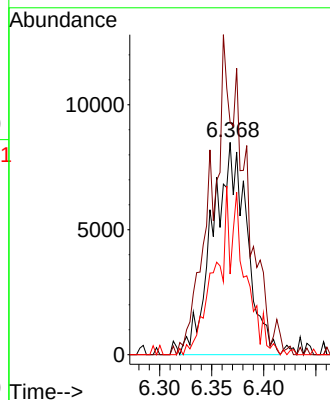
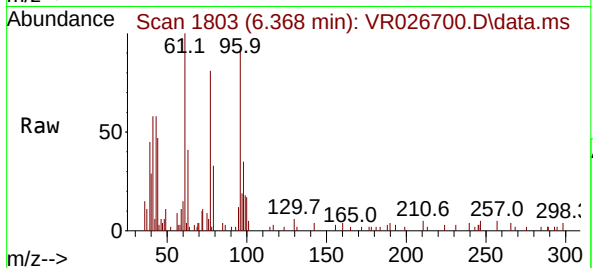
MDL02

Tgt Ion: 96	Resp: 1951
Ion Ratio	Lower Upper
96 100	
61 110.1	0.0 279.8
98 33.7	0.0 125.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#28

Bromochloromethane

Concen: 3.709 ug/l

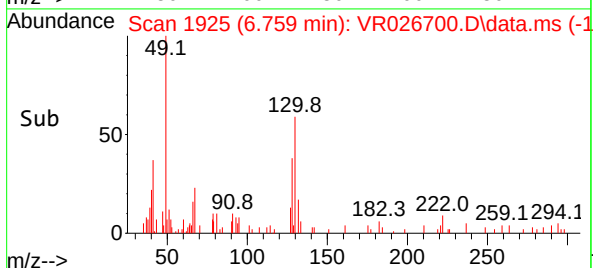
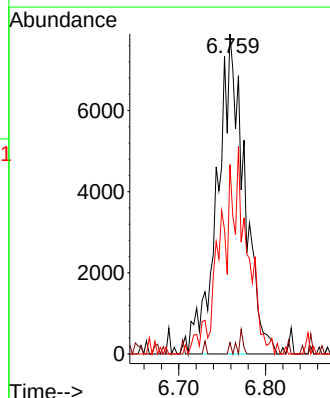
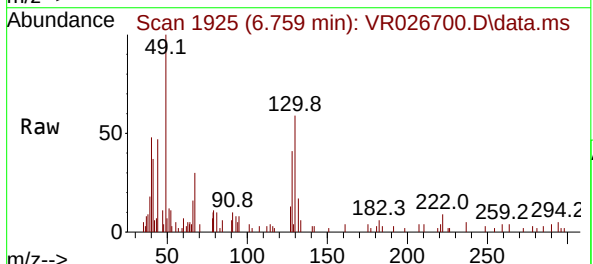
RT: 6.759 min Scan# 1925

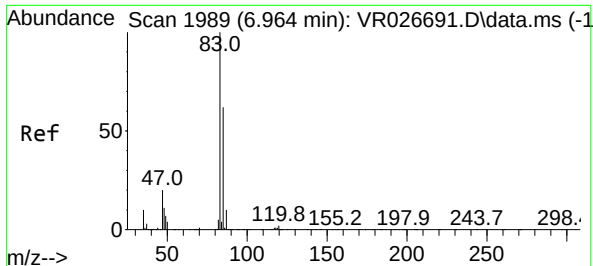
Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion: 49	Resp: 17166
Ion Ratio	Lower Upper
49 100	
129 0.3	0.0 3.4
130 34.5	52.2 78.4





#29

Chloroform

Concen: 2.625 ug/l

RT: 6.980 min Scan# 1989

Delta R.T. 0.016 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 29209

Ion Ratio Lower Upper

83 100

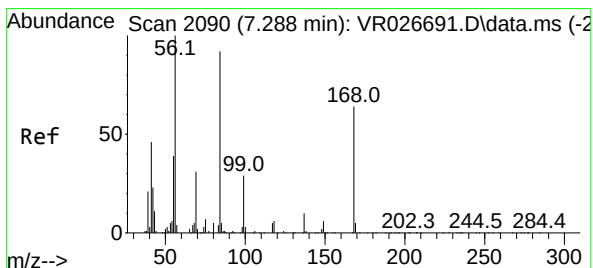
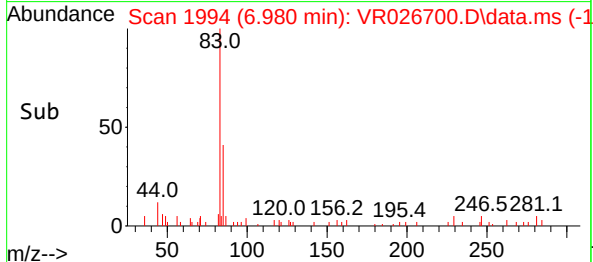
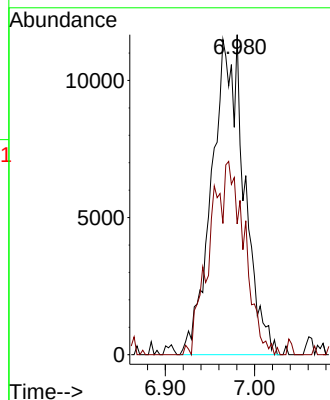
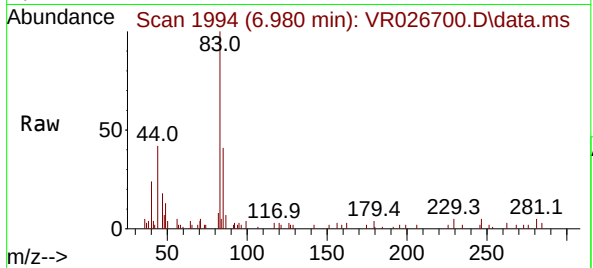
85 40.9 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#30

Cyclohexane

Concen: 2.996 ug/l

RT: 7.298 min Scan# 2093

Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

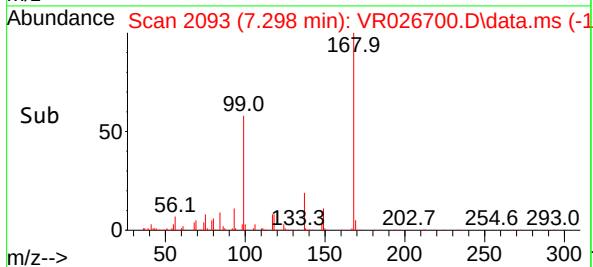
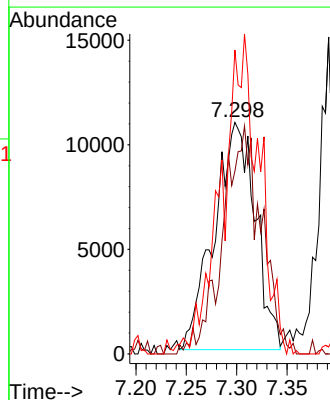
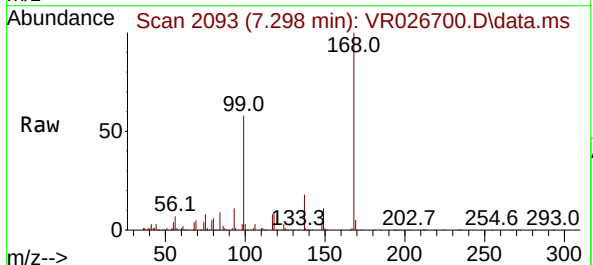
Tgt Ion: 56 Resp: 31077

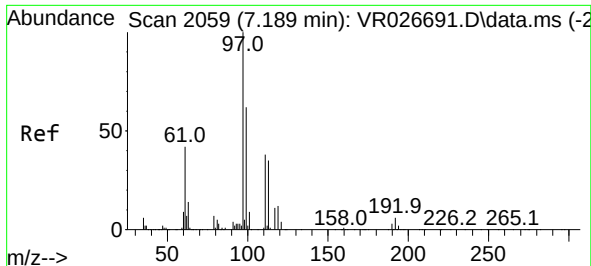
Ion Ratio Lower Upper

56 100

69 76.6 24.8 37.2

84 129.5 73.1 109.7





#31

1,1,1-Trichloroethane

Concen: 2.482 ug/l m

RT: 7.179 min Scan# 2059

Delta R.T. -0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

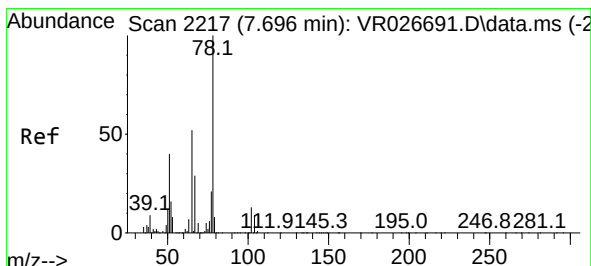
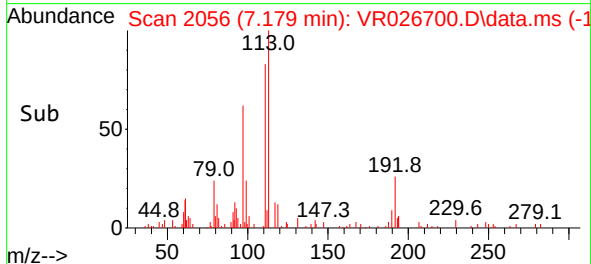
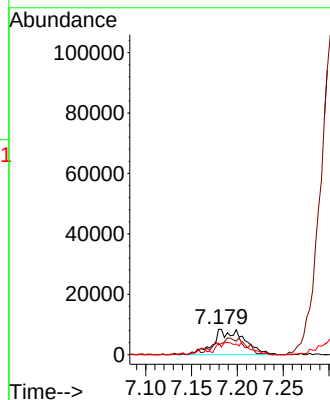
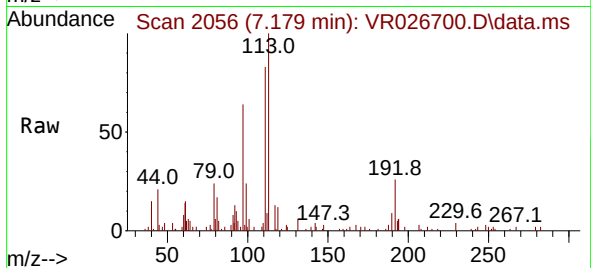
MDL02

Tgt Ion: 97	Resp: 1994
Ion Ratio	Lower Upper
97 100	
99 54.2	51.0 76.6
61 24.1	36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#32

1,2-Dichloroethane-d4

Concen: 54.932 ug/l

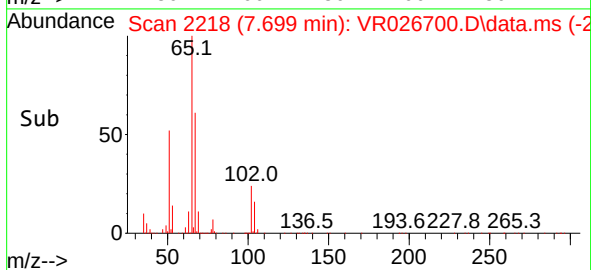
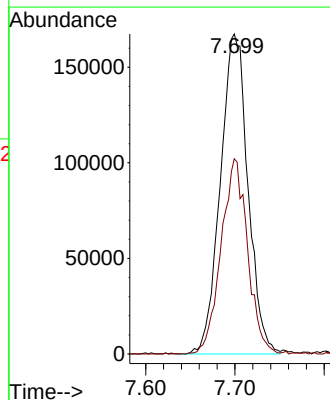
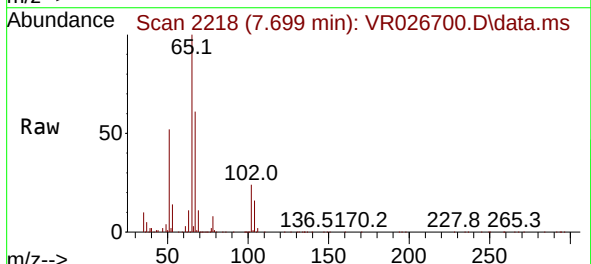
RT: 7.699 min Scan# 2218

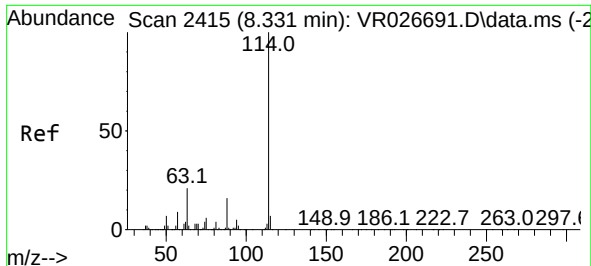
Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion: 65	Resp: 359569
Ion Ratio	Lower Upper
65 100	
67 58.4	0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.338 min Scan# 2415

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

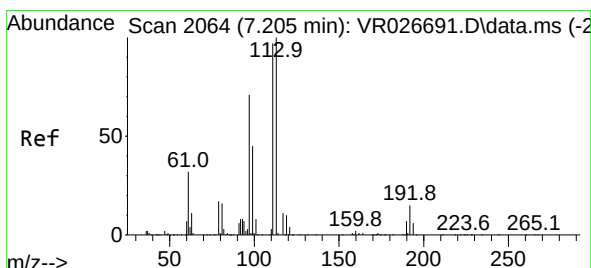
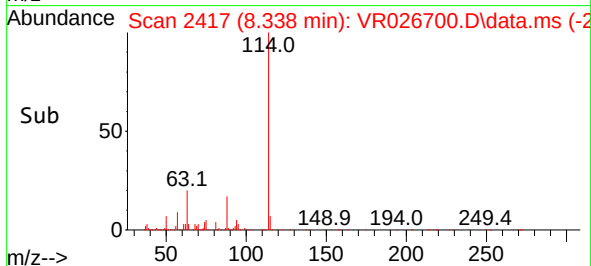
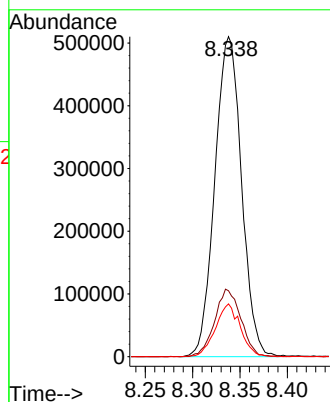
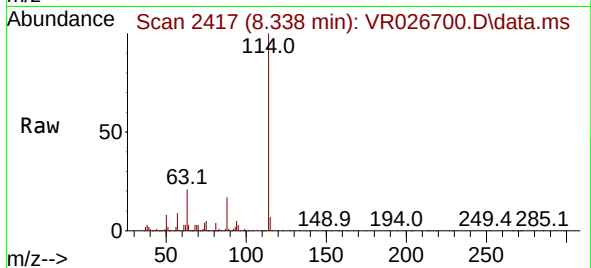
MDL02

Tgt Ion:	114	Resp:	99912
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	41.6
88	16.5	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#34

Dibromofluoromethane

Concen: 48.700 ug/l

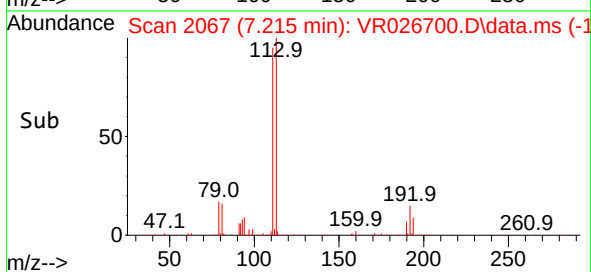
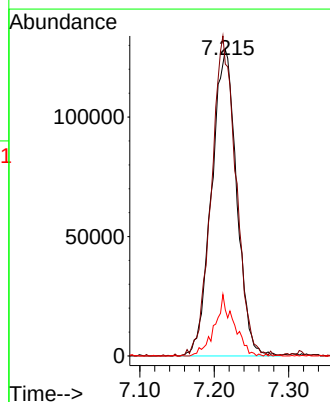
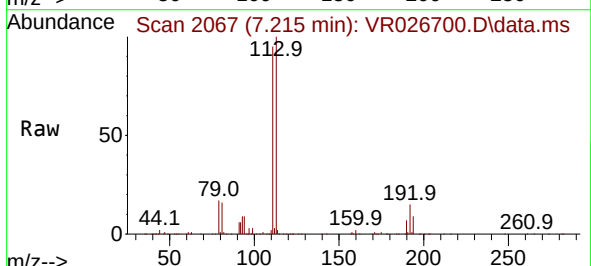
RT: 7.215 min Scan# 2067

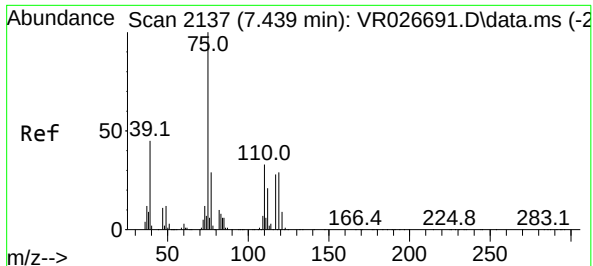
Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion:	113	Resp:	300951
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.7	122.5
192	15.4	12.3	18.5





#35

1,1-Dichloropropene

Concen: 2.218 ug/l m

RT: 7.446 min Scan# 2137

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

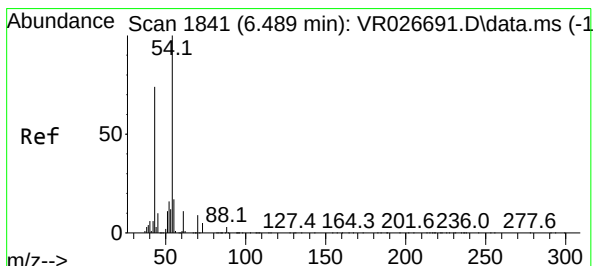
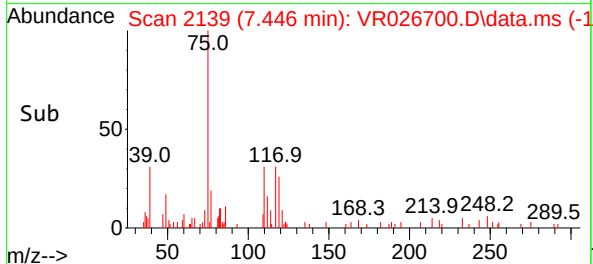
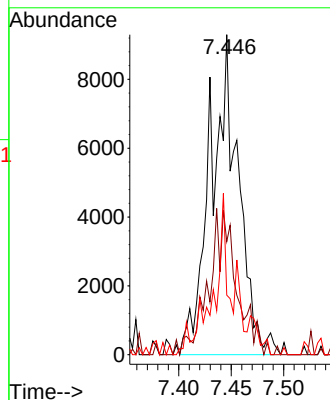
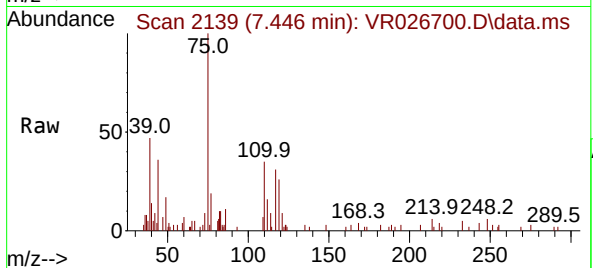
MDL02

Tgt Ion:	75	Resp:	1729
Ion Ratio	Lower	Upper	
75	100		
110	15.3	17.0	50.9
77	16.6	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#36

Ethyl Acetate

Concen: 2.944 ug/l m

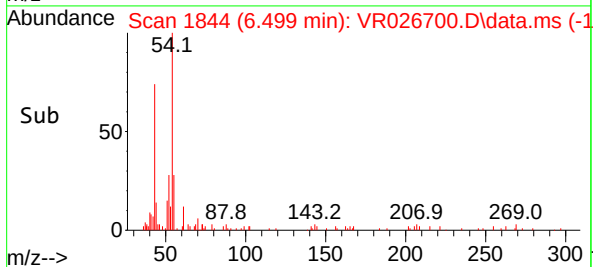
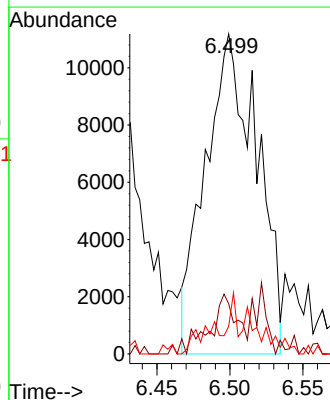
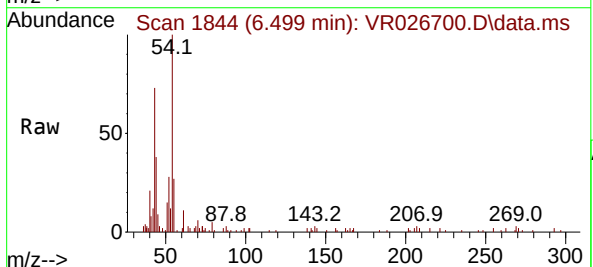
RT: 6.499 min Scan# 1844

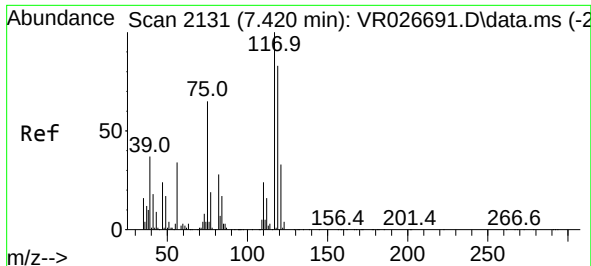
Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

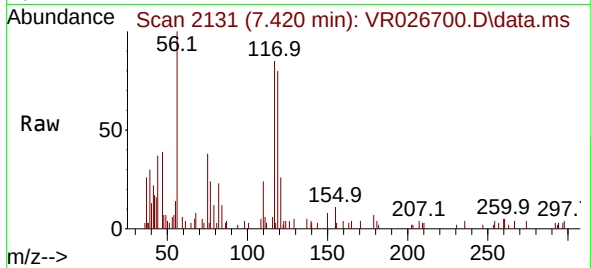
Tgt Ion:	43	Resp:	27474
Ion Ratio	Lower	Upper	
43	100		
61	10.1	12.0	18.0
70	3.2	9.0	13.6





#37
Carbon Tetrachloride
Concen: 2.297 ug/l m
RT: 7.420 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

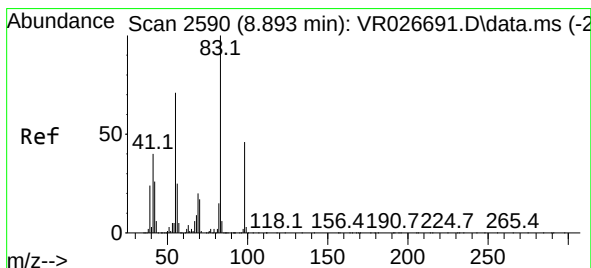
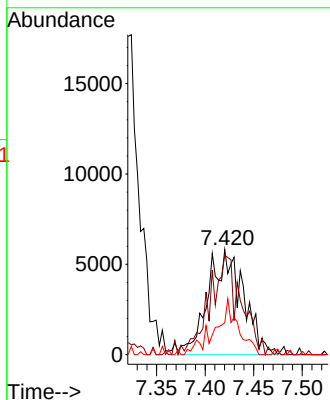
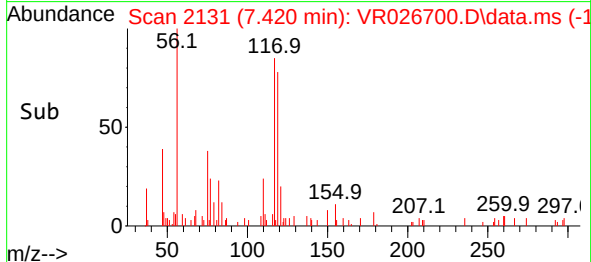
Instrument : MSVOA_R
ClientSampleId : MDL02



Tgt Ion: 117 Resp: 1458
Ion Ratio Lower Upper
117 100
119 94.5 67.0 100.4
121 30.4 26.3 39.5

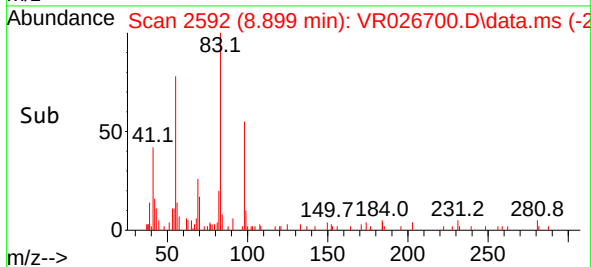
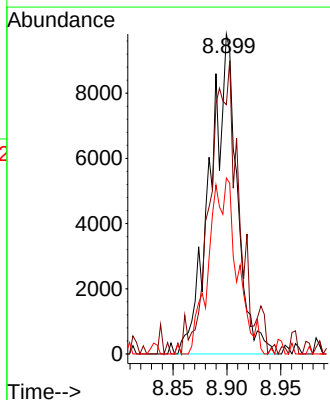
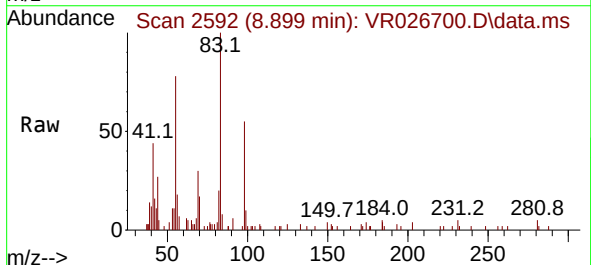
Manual Integrations
APPROVED

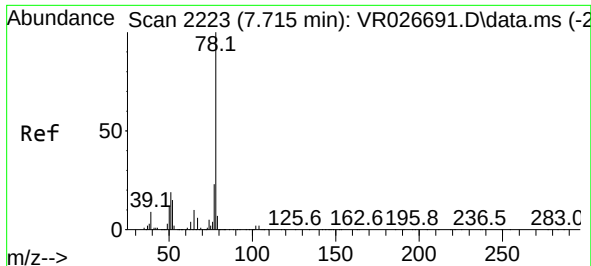
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#38
Methylcyclohexane
Concen: 1.910 ug/l
RT: 8.899 min Scan# 2592
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 83 Resp: 17045
Ion Ratio Lower Upper
83 100
55 77.9 56.7 85.1
98 51.9 36.7 55.1





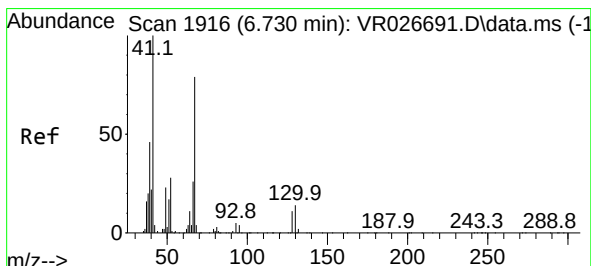
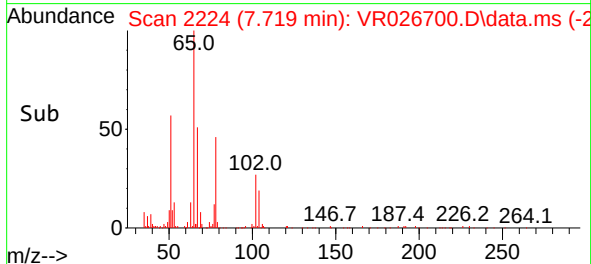
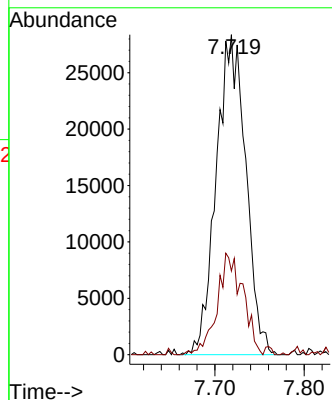
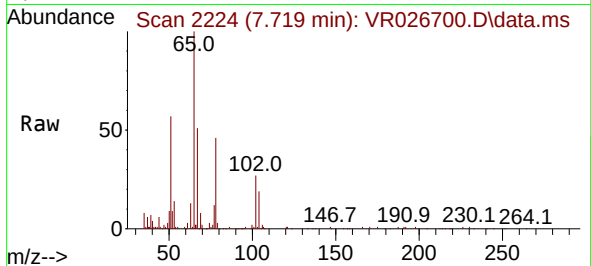
#39
Benzene
Concen: 2.318 ug/l
RT: 7.719 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 78 Resp: 65064
Ion Ratio Lower Upper
78 100
77 26.1 18.8 28.2

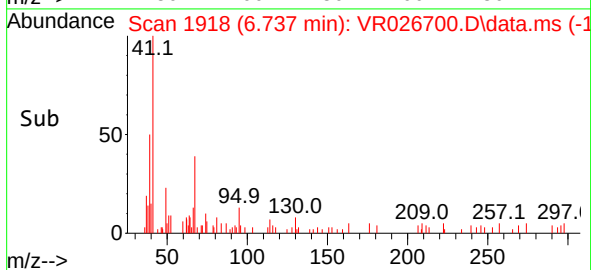
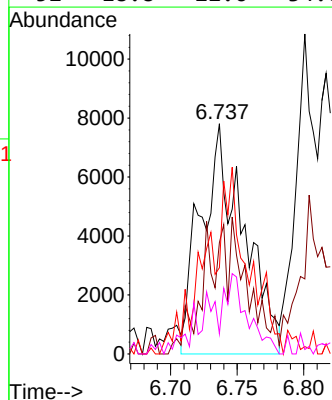
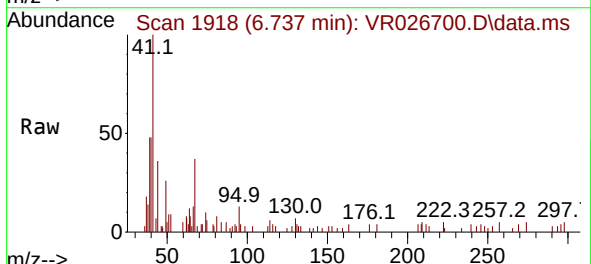
Manual Integrations
APPROVED

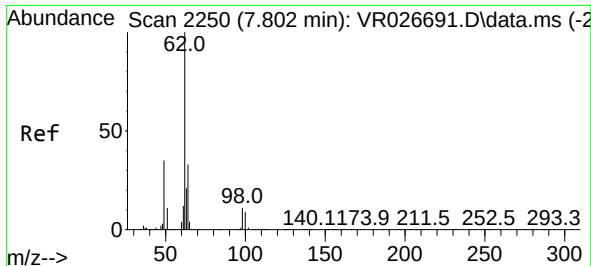
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#40
Methacrylonitrile
Concen: 2.990 ug/l m
RT: 6.737 min Scan# 1918
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 41 Resp: 17344
Ion Ratio Lower Upper
41 100
39 5.3 42.4 63.6#
67 49.8 65.6 98.4#
52 18.8 22.6 34.0#





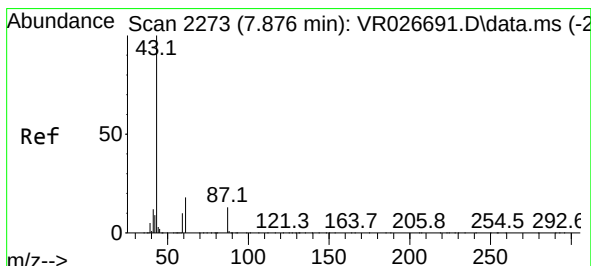
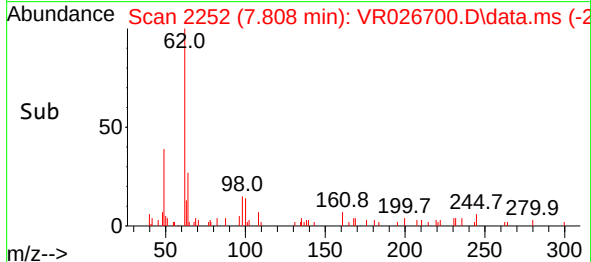
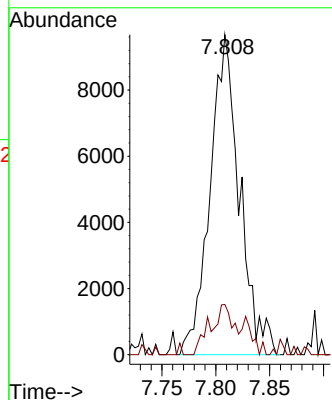
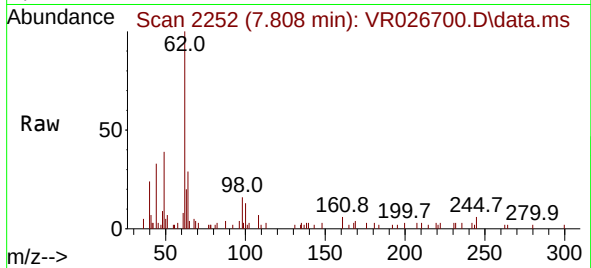
#41
1,2-Dichloroethane
Concen: 2.583 ug/l
RT: 7.808 min Scan# 21
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 1844
Ion Ratio Lower Upper
62 100
98 7.9 0.0 22.2

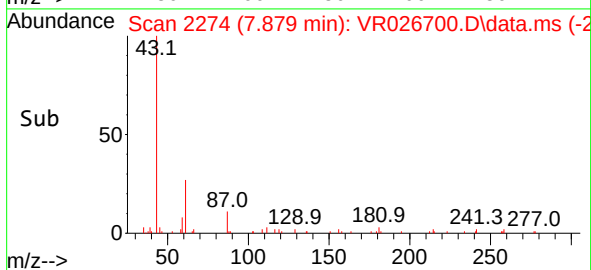
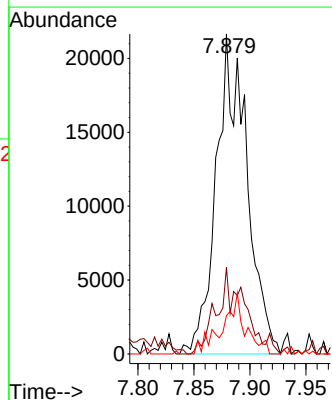
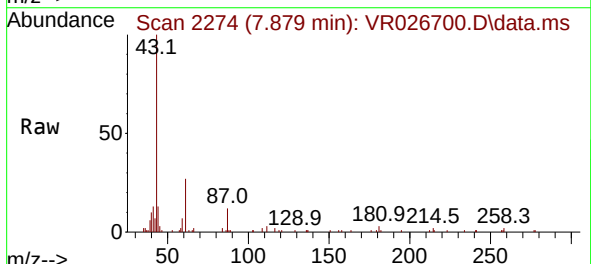
Manual Integrations
APPROVED

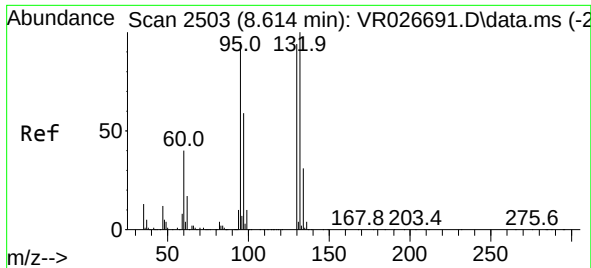
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#42
Isopropyl Acetate
Concen: 2.737 ug/l m
RT: 7.879 min Scan# 2274
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

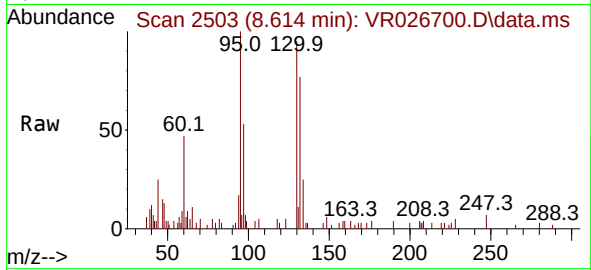
Tgt Ion: 43 Resp: 41076
Ion Ratio Lower Upper
43 100
61 2.1 17.9 26.9#
87 14.3 10.8 16.2





#43
Trichloroethene
Concen: 2.343 ug/l
RT: 8.614 min Scan# 2503
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

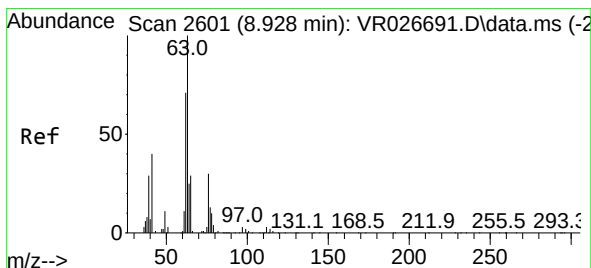
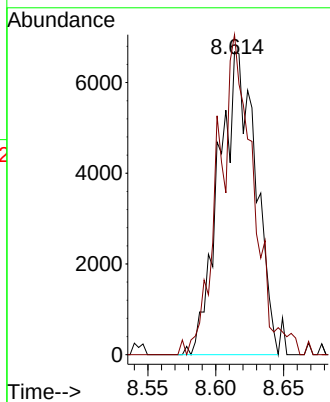
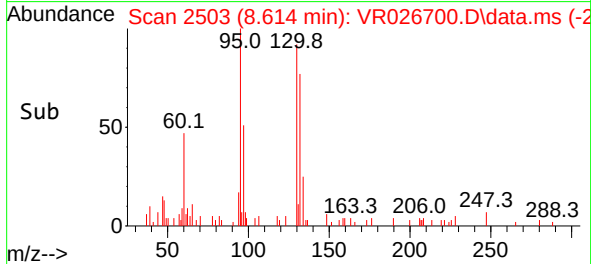
Instrument : MSVOA_R
ClientSampleId : MDL02



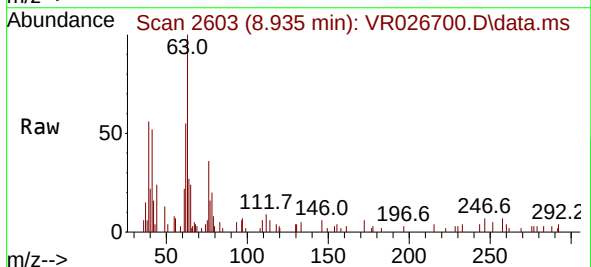
Tgt Ion:130 Resp: 12648
Ion Ratio Lower Upper
130 100
95 105.6 0.0 200.6

Manual Integrations
APPROVED

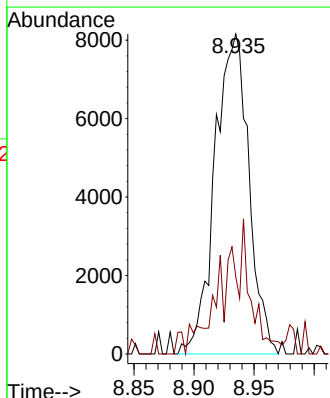
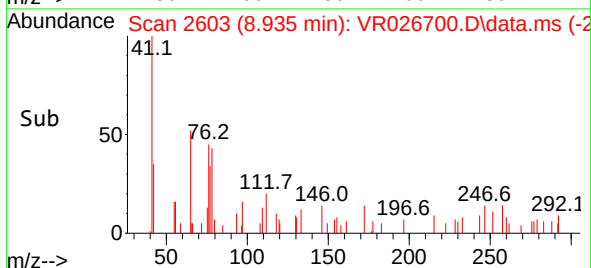
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

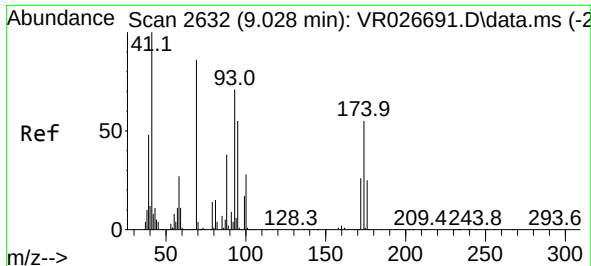


#44
1,2-Dichloropropane
Concen: 2.413 ug/l
RT: 8.935 min Scan# 2603
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



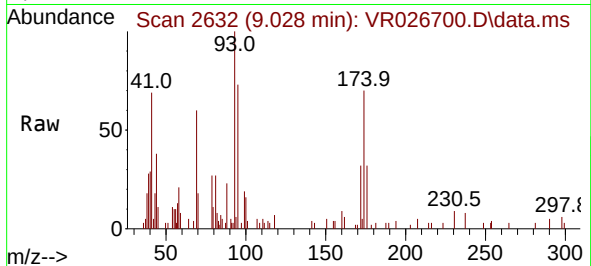
Tgt Ion: 63 Resp: 16034
Ion Ratio Lower Upper
63 100
65 20.3 23.8 35.8#





#45
Dibromomethane
Concen: 2.638 ug/l
RT: 9.028 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

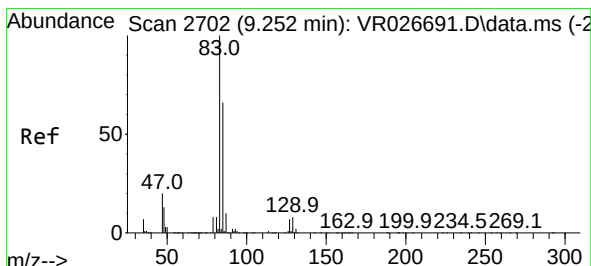
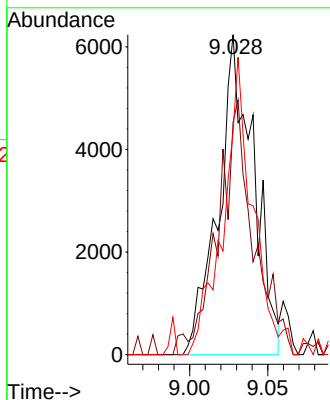
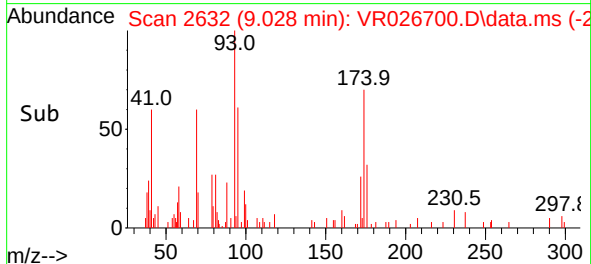
Instrument :
MSVOA_R
ClientSampleId :
MDL02



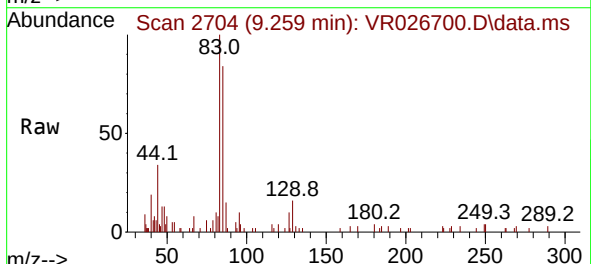
Tgt Ion: 93 Resp: 9740
Ion Ratio Lower Upper
93 100
95 81.1 69.4 104.0
174 78.3 66.9 100.3

Manual Integrations
APPROVED

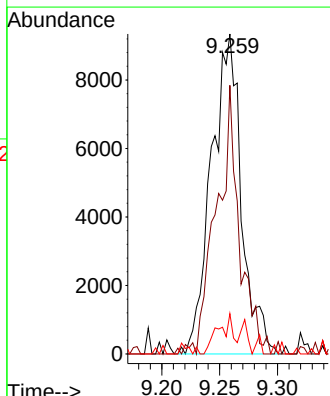
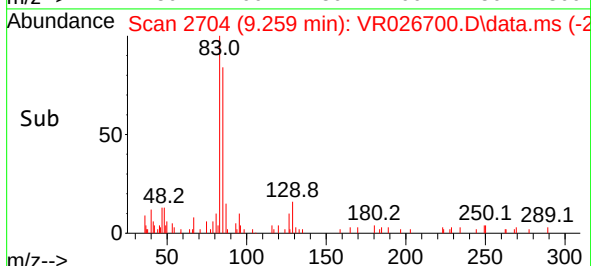
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

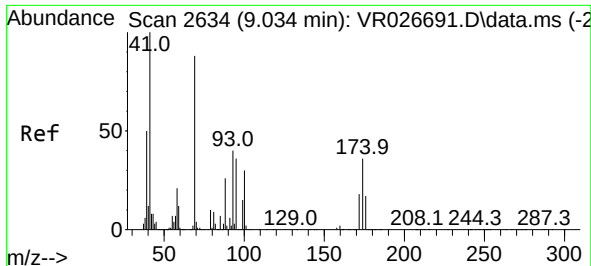


#46
Bromodichloromethane
Concen: 2.359 ug/l
RT: 9.259 min Scan# 2704
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion: 83 Resp: 16888
Ion Ratio Lower Upper
83 100
85 82.2 52.6 78.8#
127 12.6 5.5 8.3#





#47

Methyl methacrylate

Concen: 2.702 ug/l

RT: 9.044 min Scan# 2634

Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

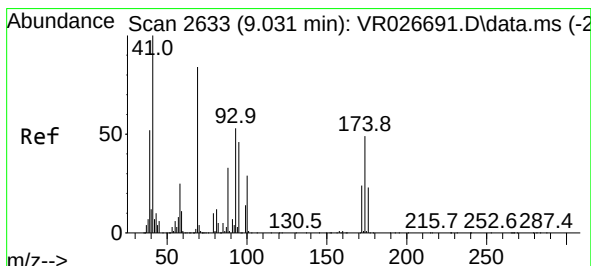
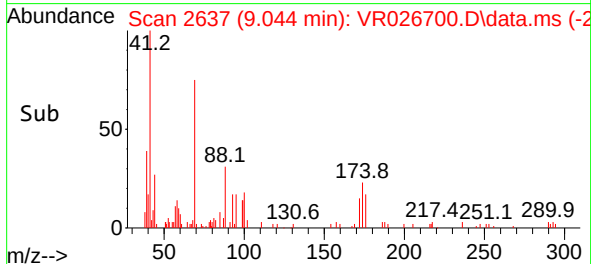
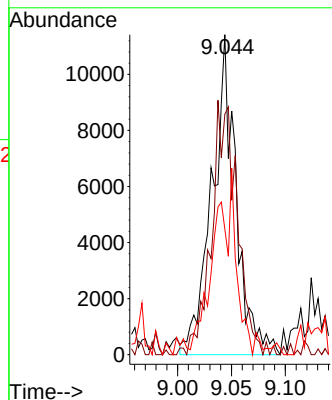
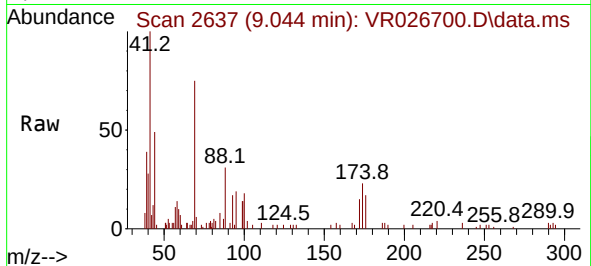
MDL02

Tgt Ion:	41	Resp:	17749
Ion	Ratio	Lower	Upper
41	100		
69	84.1	69.8	104.6
39	33.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#48

1,4-Dioxane

Concen: 65.718 ug/l m

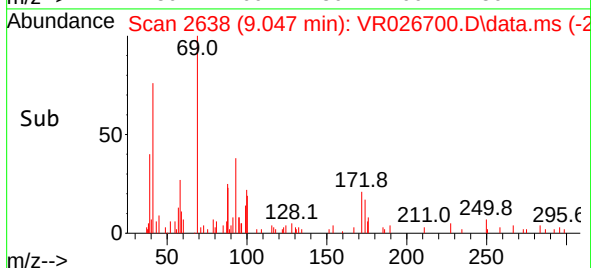
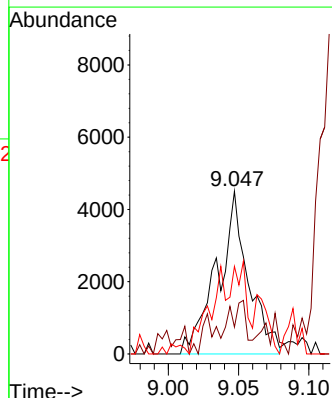
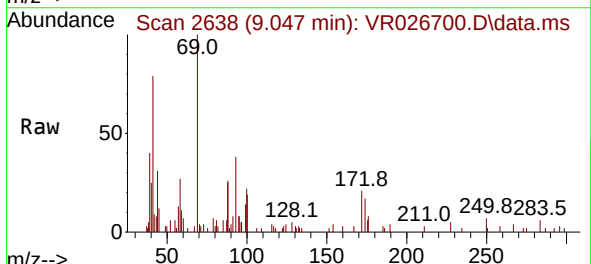
RT: 9.047 min Scan# 2638

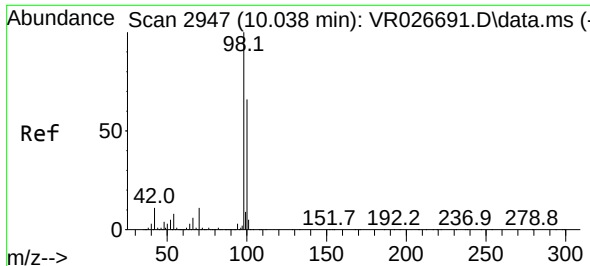
Delta R.T. 0.016 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

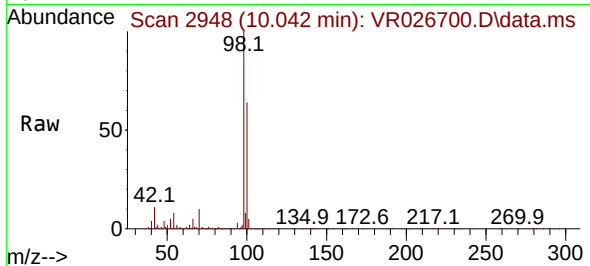
Tgt Ion:	88	Resp:	6953
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.2	37.8#
58	28.3	60.8	91.2#





#49
Toluene-d8
Concen: 51.246 ug/l
RT: 10.042 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

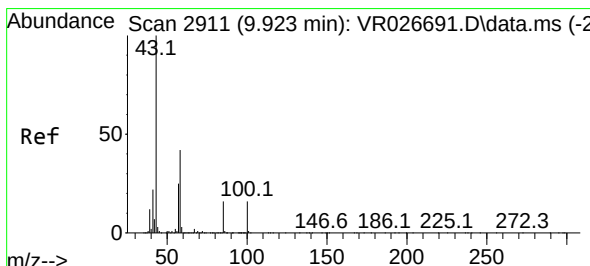
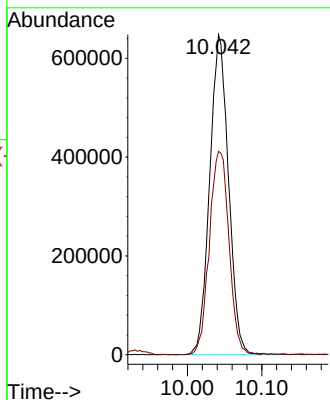
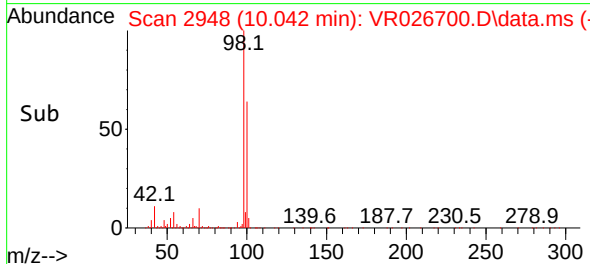
Instrument :
MSVOA_R
ClientSampleId :
MDL02



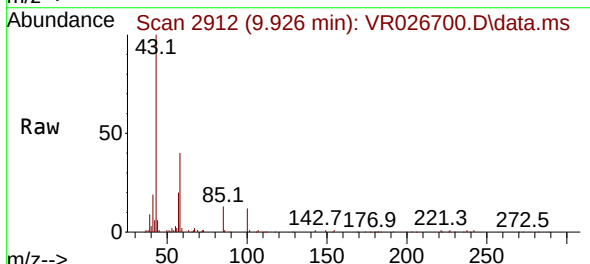
Tgt Ion: 98 Resp: 113456
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

Manual Integrations
APPROVED

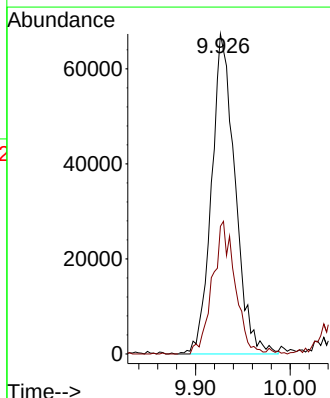
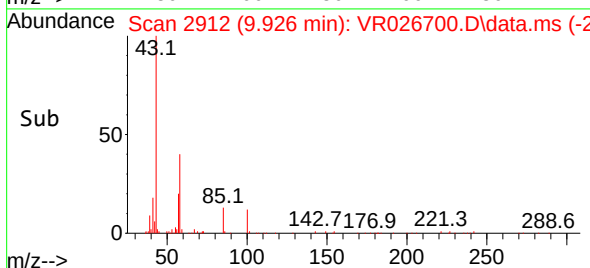
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

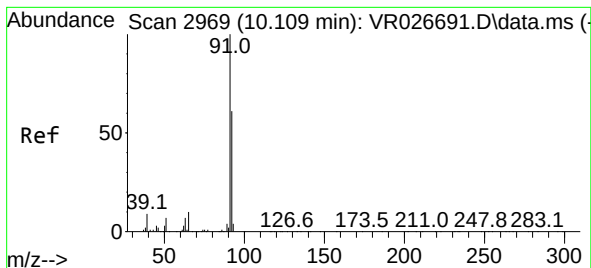


#50
4-Methyl-2-Pentanone
Concen: 14.826 ug/l
RT: 9.926 min Scan# 2912
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion: 43 Resp: 116159
Ion Ratio Lower Upper
43 100
58 39.8 33.7 50.5





#51

Toluene

Concen: 2.414 ug/l

RT: 10.116 min Scan# 2969

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion: 92 Resp: 34594

Ion Ratio Lower Upper

92 100

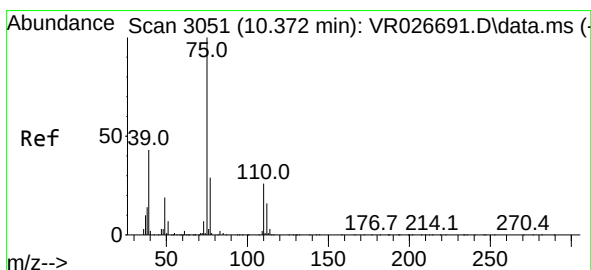
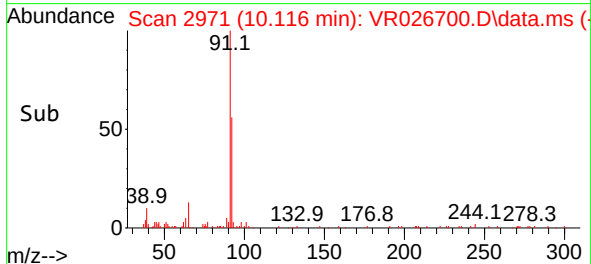
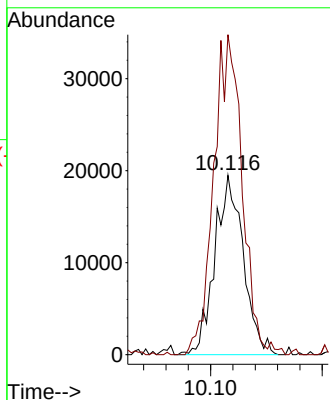
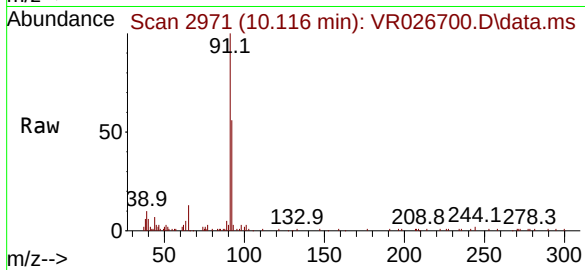
91 176.3 137.8 206.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#52

t-1,3-Dichloropropene

Concen: 1.837 ug/l

RT: 10.372 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VR026700.D

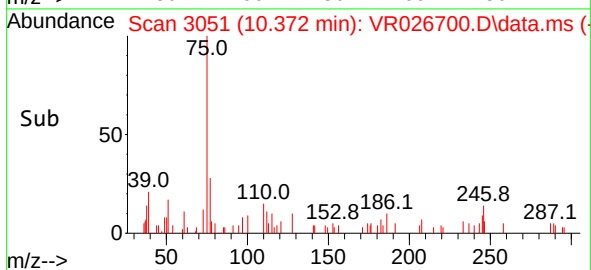
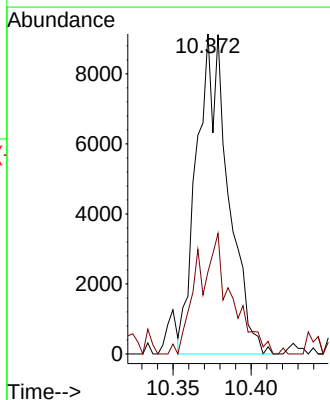
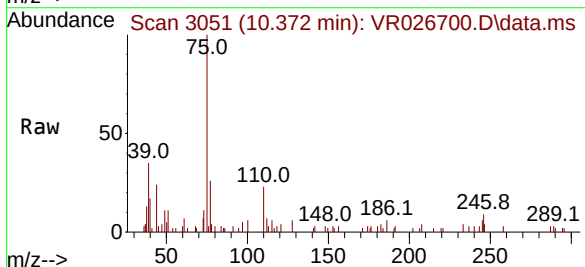
Acq: 4 Aug 2025 16:47

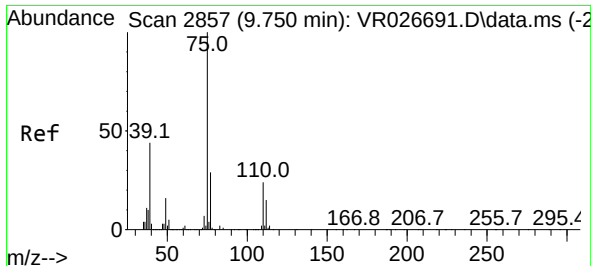
Tgt Ion: 75 Resp: 12888

Ion Ratio Lower Upper

75 100

77 25.7 23.4 35.2





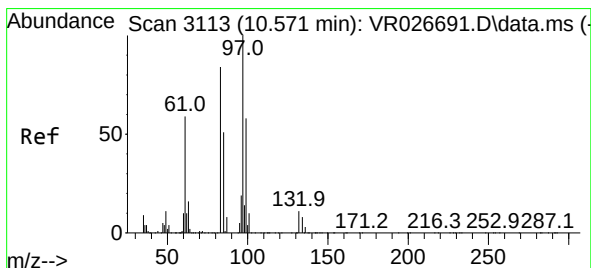
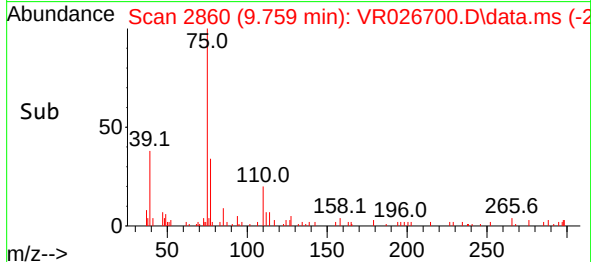
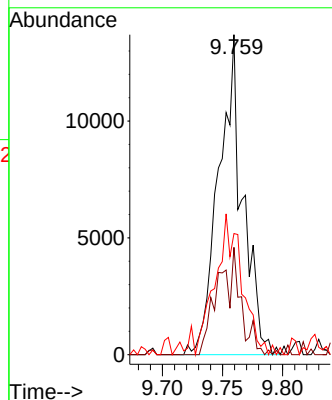
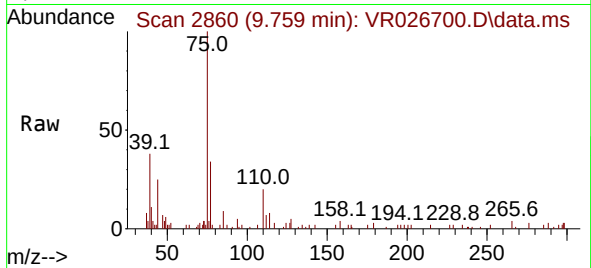
#53
cis-1,3-Dichloropropene
Concen: 2.273 ug/l
RT: 9.759 min Scan# 2857
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument : MSVOA_R
ClientSampleId : MDL02

Tgt Ion: 75 Resp: 19130
Ion Ratio Lower Upper
75 100
77 33.6 22.9 34.3
39 35.6 34.8 52.2

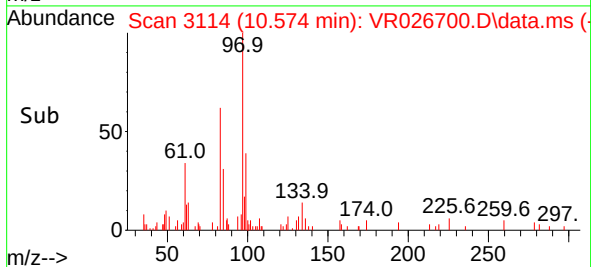
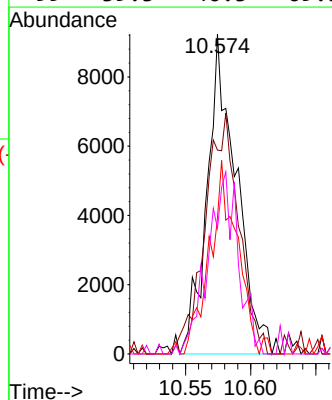
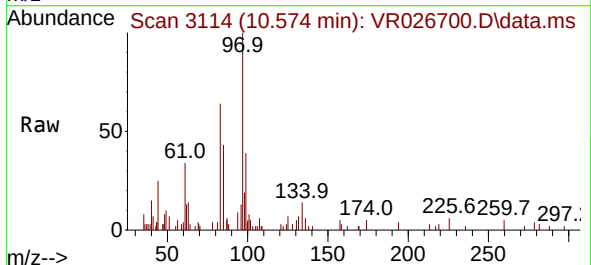
Manual Integrations
APPROVED

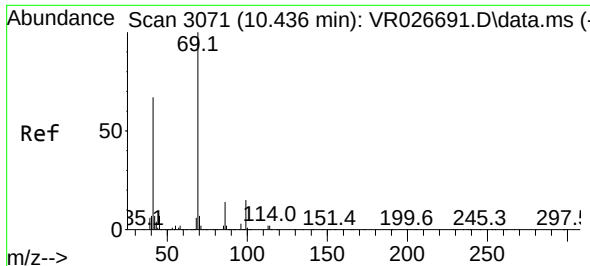
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#54
1,1,2-Trichloroethane
Concen: 2.764 ug/l
RT: 10.574 min Scan# 3114
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

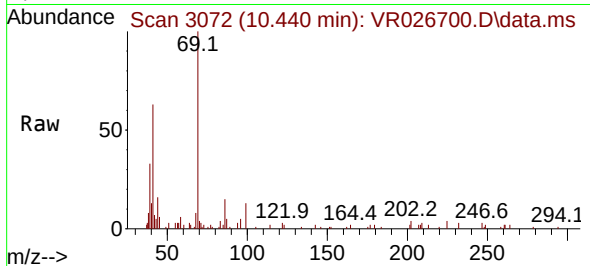
Tgt Ion: 97 Resp: 14466
Ion Ratio Lower Upper
97 100
83 63.7 67.4 101.2#
85 42.6 40.4 60.6
99 39.3 46.3 69.5#





#55
Ethyl methacrylate
Concen: 2.426 ug/l
RT: 10.440 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

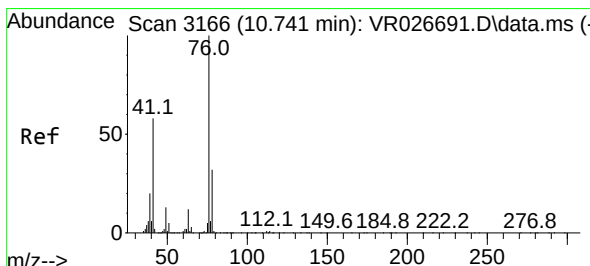
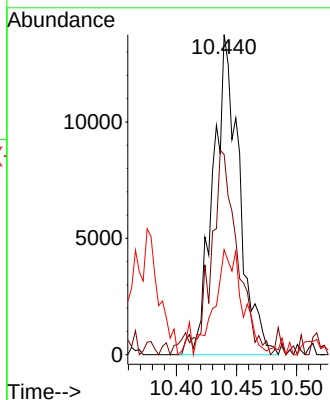
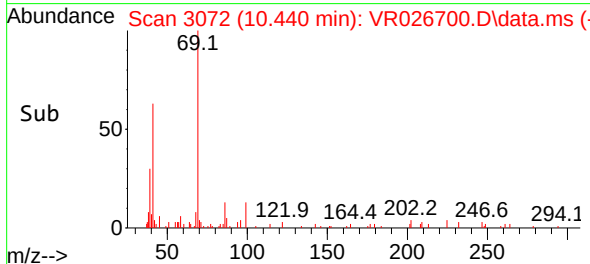
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion: 69 Resp: 2096
Ion Ratio Lower Upper
69 100
41 60.7 51.5 77.3
39 34.6 24.7 37.1

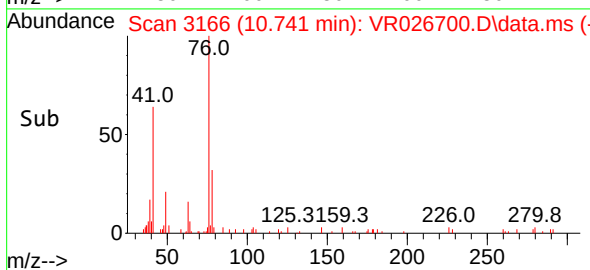
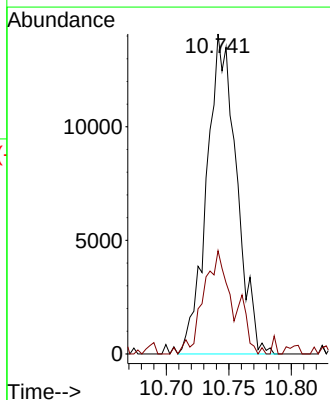
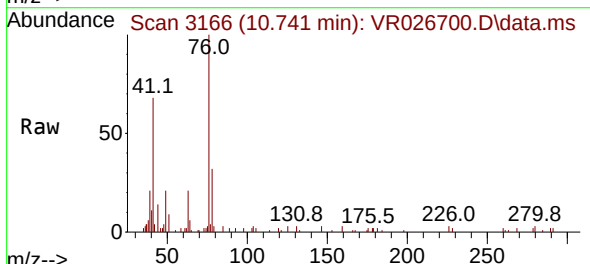
Manual Integrations
APPROVED

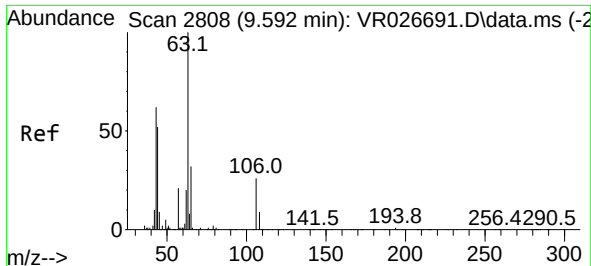
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#56
1,3-Dichloropropane
Concen: 2.622 ug/l
RT: 10.741 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

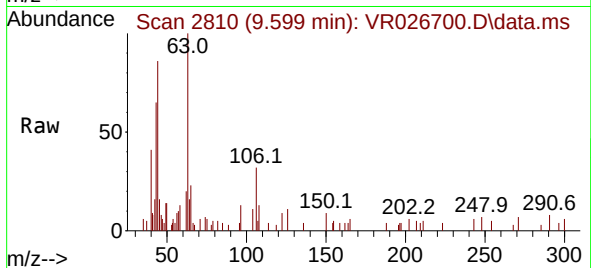
Tgt Ion: 76 Resp: 23373
Ion Ratio Lower Upper
76 100
78 26.5 25.8 38.6





#57
2-Chloroethyl Vinyl ether
Concen: 17.973 ug/l m
RT: 9.599 min Scan# 2808
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

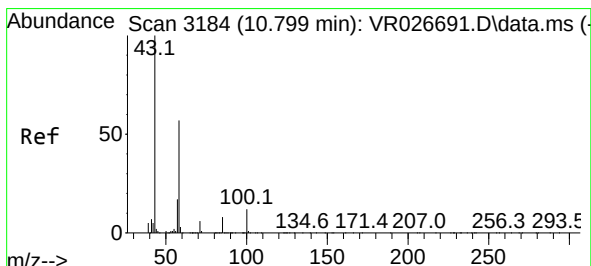
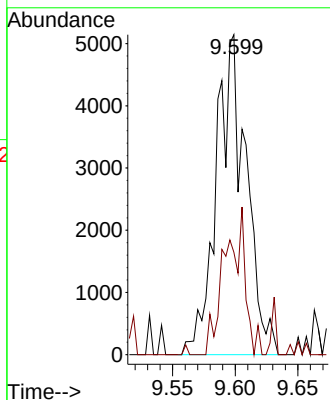
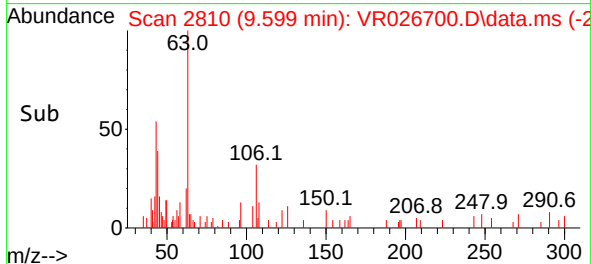
Instrument :
MSVOA_R
ClientSampleId :
MDL02



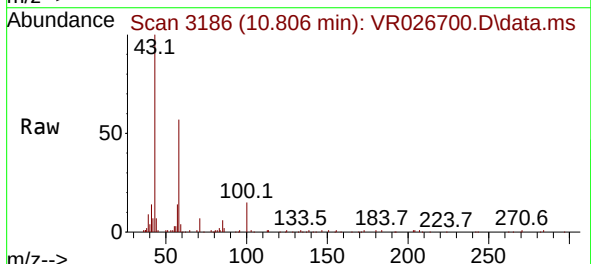
Tgt Ion: 63 Resp: 858
Ion Ratio Lower Upper
63 100
106 31.2 22.5 33.7

Manual Integrations
APPROVED

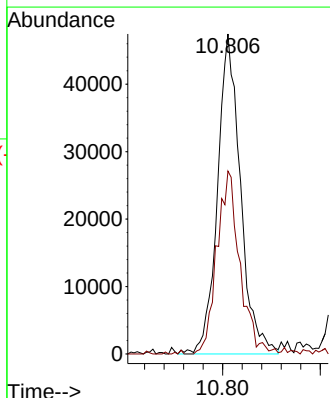
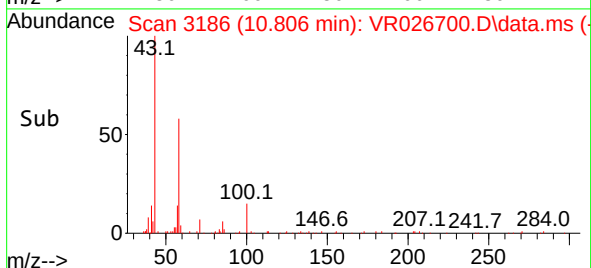
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

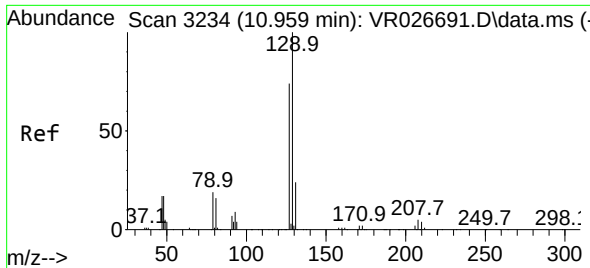


#58
2-Hexanone
Concen: 14.664 ug/l
RT: 10.806 min Scan# 3186
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion: 43 Resp: 77453
Ion Ratio Lower Upper
43 100
58 57.0 28.8 86.4





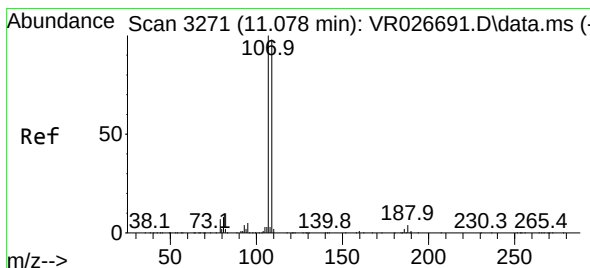
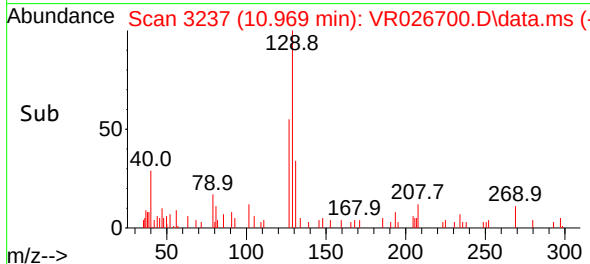
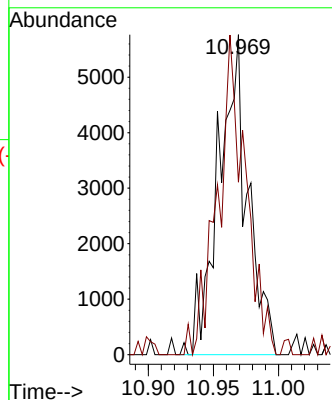
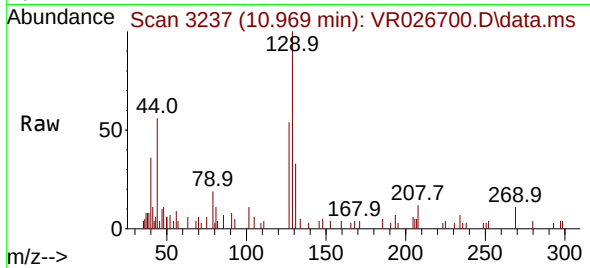
#59
Dibromochloromethane
Concen: 2.028 ug/l
RT: 10.969 min Scan# 31
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion:129 Resp: 8984
Ion Ratio Lower Upper
129 100
127 95.1 38.9 116.6

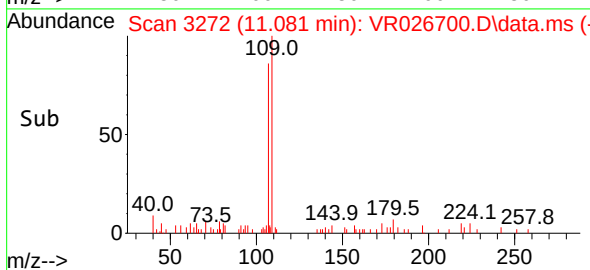
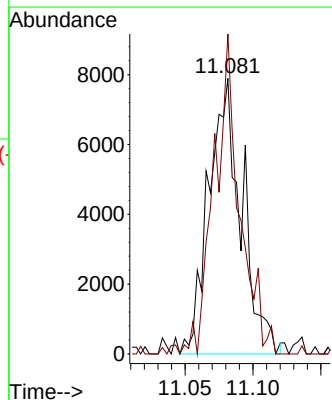
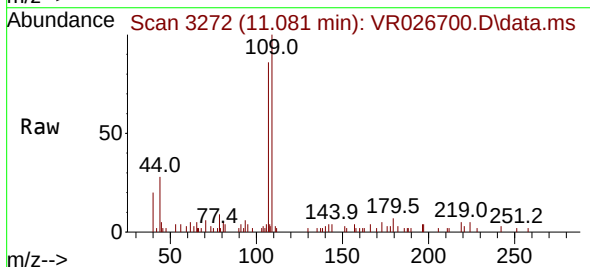
Manual Integrations
APPROVED

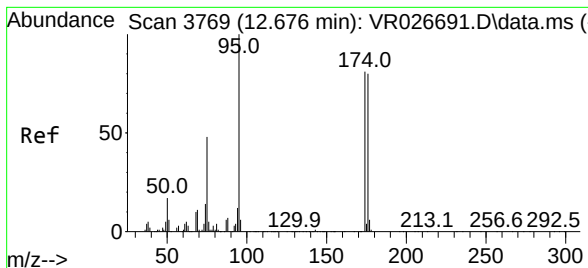
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#60
1,2-Dibromoethane
Concen: 2.962 ug/l
RT: 11.081 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

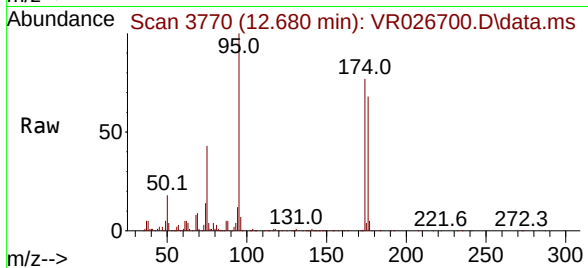
Tgt Ion:107 Resp: 13341
Ion Ratio Lower Upper
107 100
109 89.7 75.9 113.9





#61
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 12.680 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

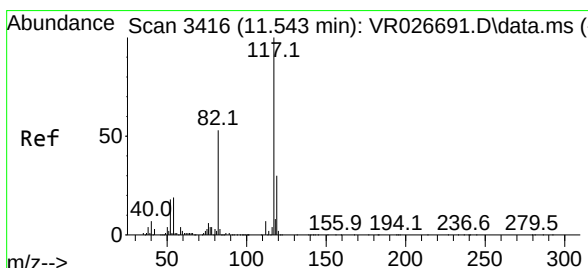
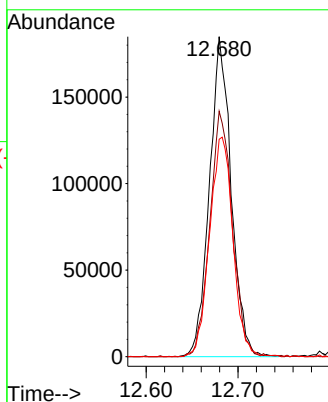
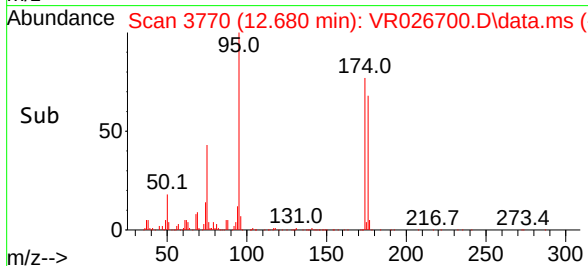
Instrument :
MSVOA_R
ClientSampleId :
MDL02



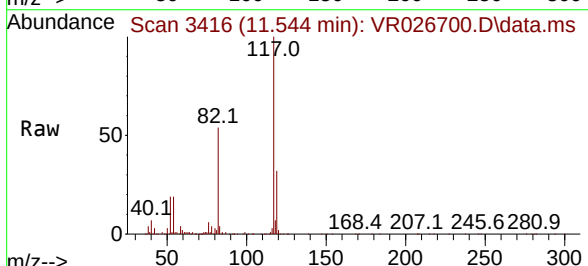
Tgt Ion: 95 Resp: 30389
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.4
176 73.6 0.0 149.0

Manual Integrations
APPROVED

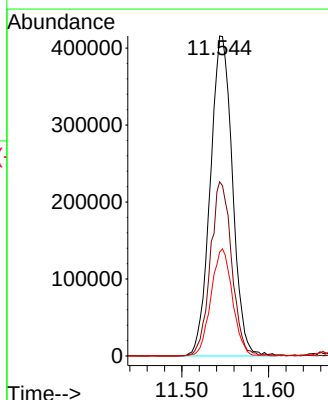
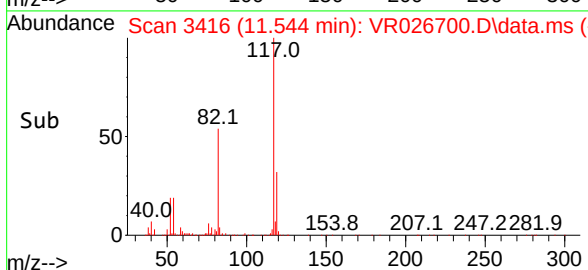
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

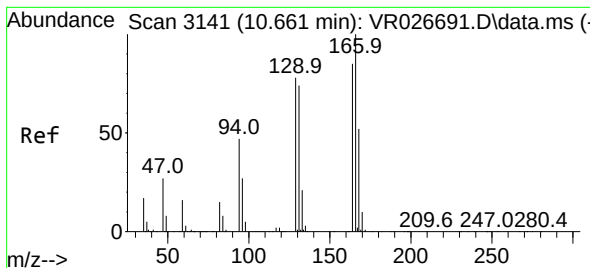


#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.544 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion:117 Resp: 737654
Ion Ratio Lower Upper
117 100
82 54.4 42.0 63.0
119 32.5 23.9 35.9





#63

Tetrachloroethene

Concen: 2.179 ug/l

RT: 10.661 min Scan# 3141

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion:164 Resp: 878

Ion Ratio Lower Upper

164 100

166 168.8 93.7 140.5

129 125.0 73.4 110.2

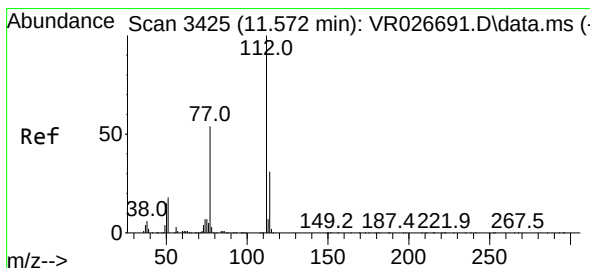
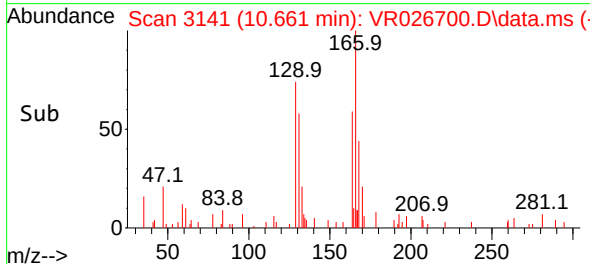
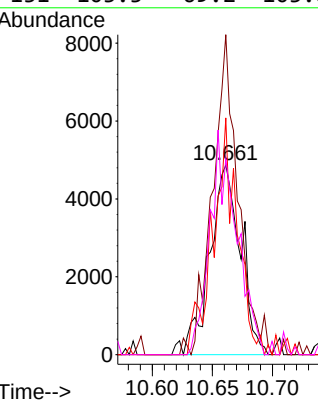
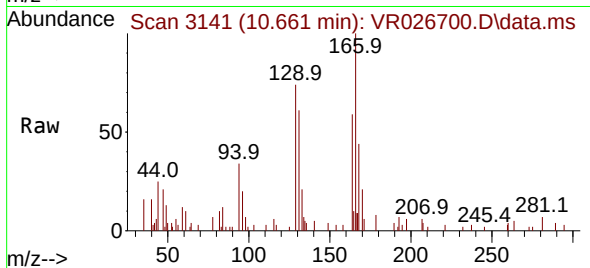
131 103.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#64

Chlorobenzene

Concen: 2.558 ug/l

RT: 11.576 min Scan# 3426

Delta R.T. 0.003 min

Lab File: VR026700.D

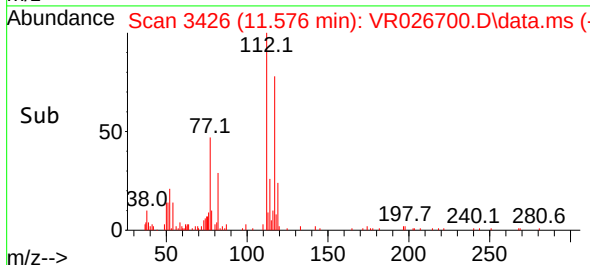
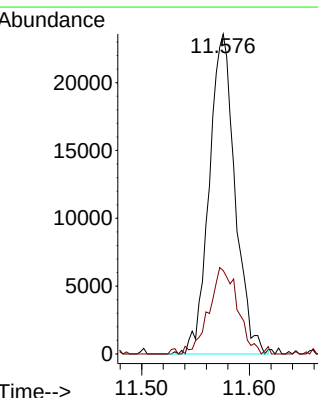
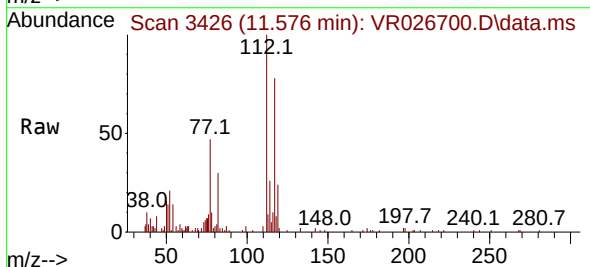
Acq: 4 Aug 2025 16:47

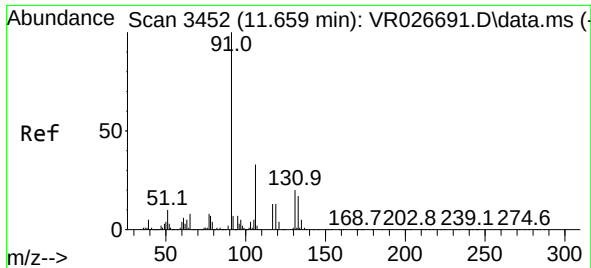
Tgt Ion:112 Resp: 39267

Ion Ratio Lower Upper

112 100

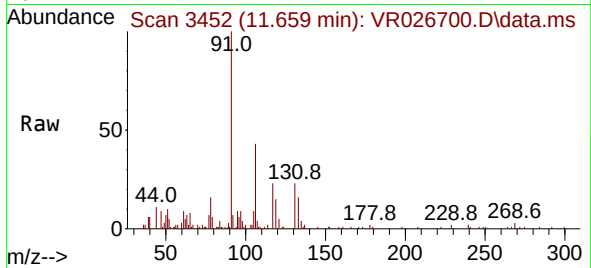
114 26.0 25.0 37.6





#65
1,1,1,2-Tetrachloroethane
Concen: 1.920 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

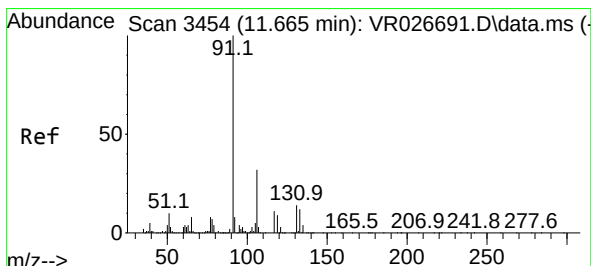
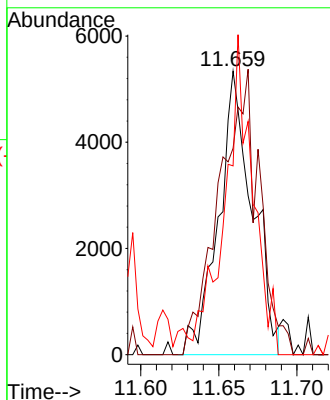
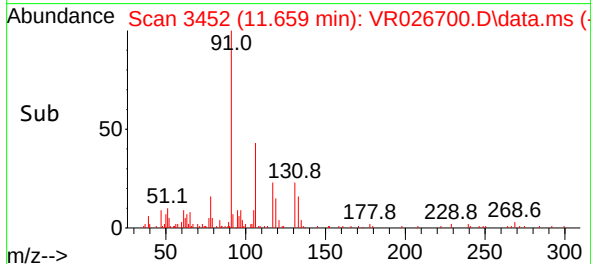
Instrument : MSVOA_R
ClientSampleId : MDL02



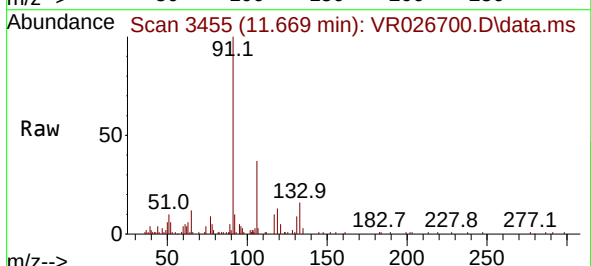
Tgt Ion: 131 Resp: 8049
Ion Ratio Lower Upper
131 100
133 118.1 46.2 138.5
119 93.1 35.7 107.1

Manual Integrations
APPROVED

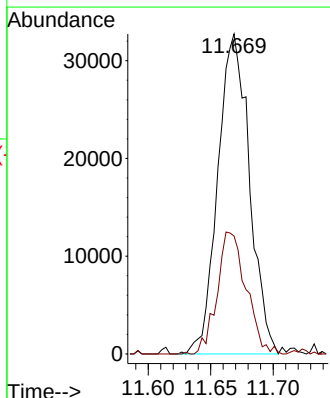
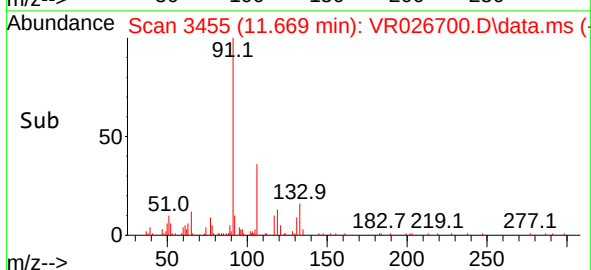
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

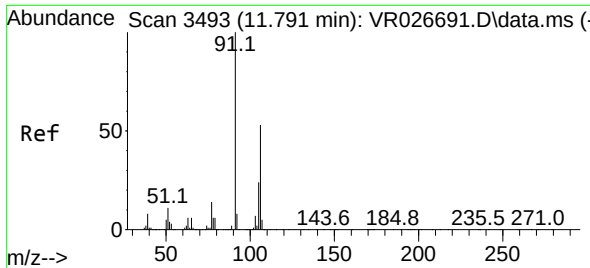


#66
Ethyl Benzene
Concen: 2.249 ug/l
RT: 11.669 min Scan# 3455
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



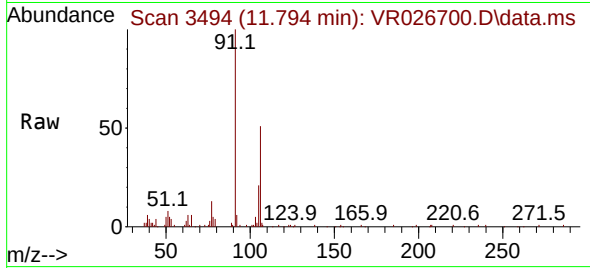
Tgt Ion: 91 Resp: 57650
Ion Ratio Lower Upper
91 100
106 36.8 25.4 38.0





#67
m/p-Xylenes
Concen: 4.367 ug/l m
RT: 11.794 min Scan# 3493
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

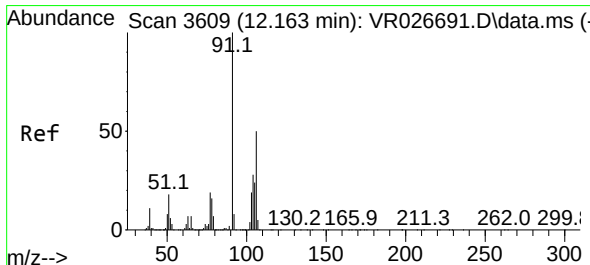
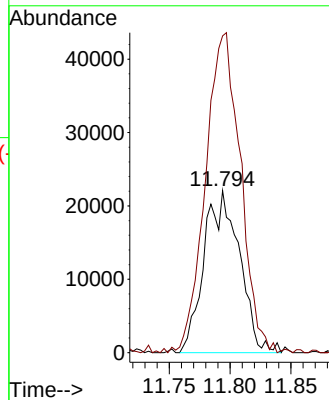
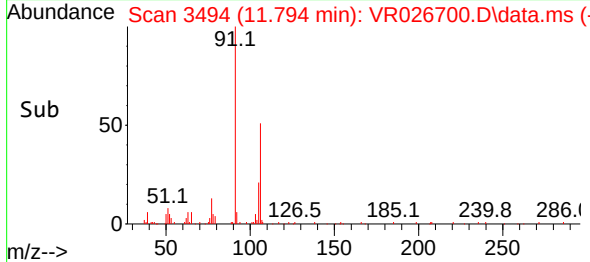
Instrument :
MSVOA_R
ClientSampleId :
MDL02



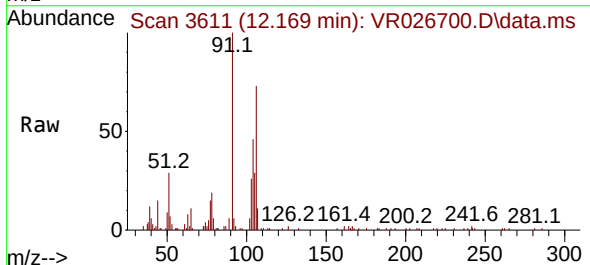
Tgt Ion:106 Resp: 44723
Ion Ratio Lower Upper
106 100
91 195.6 146.8 220.2

Manual Integrations
APPROVED

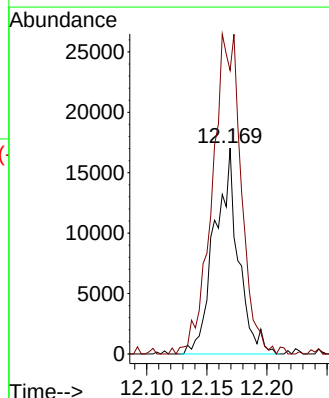
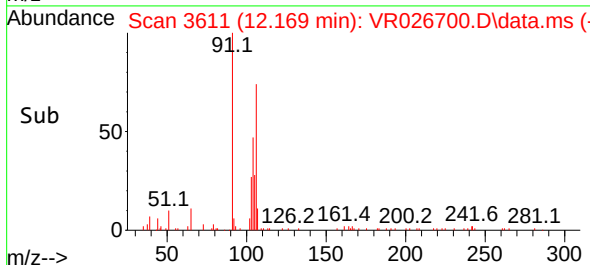
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

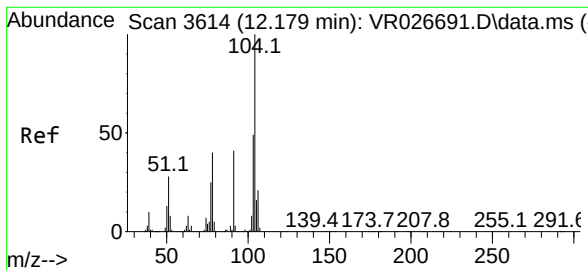


#68
o-Xylene
Concen: 2.358 ug/l
RT: 12.169 min Scan# 3611
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



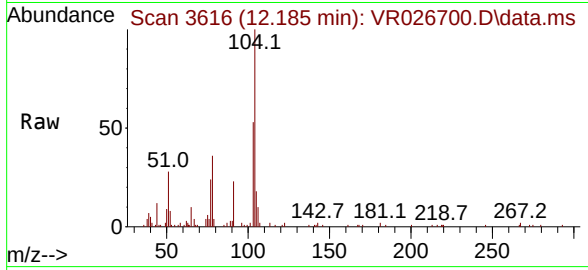
Tgt Ion:106 Resp: 23444
Ion Ratio Lower Upper
106 100
91 189.8 97.9 293.6





#69
Styrene
Concen: 2.336 ug/l
RT: 12.185 min Scan# 3616
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

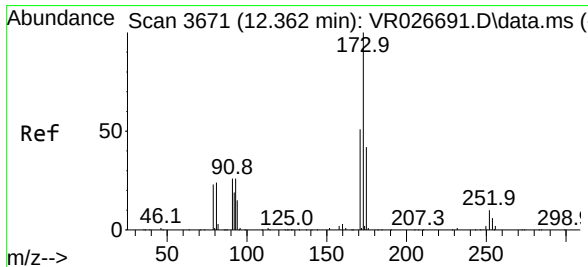
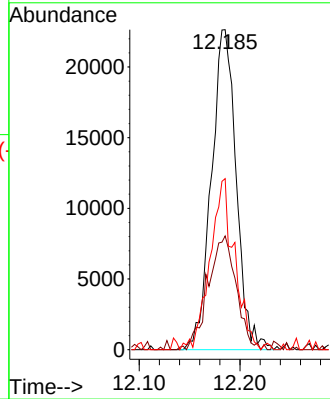
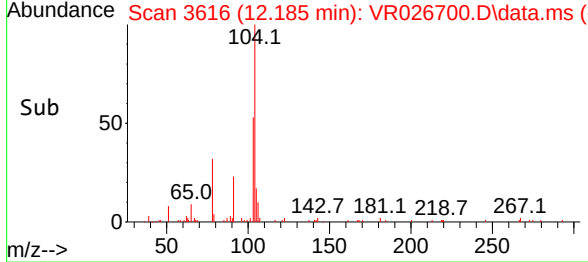
Instrument : MSVOA_R
ClientSampleId : MDL02



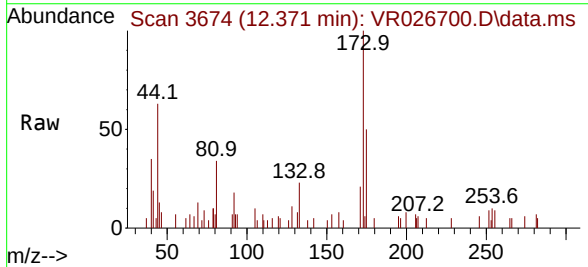
Tgt Ion:104 Resp: 3881
Ion Ratio Lower Upper
104 100
78 40.4 34.5 51.7
103 52.7 43.2 64.8

Manual Integrations
APPROVED

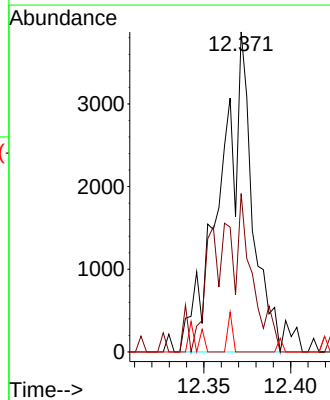
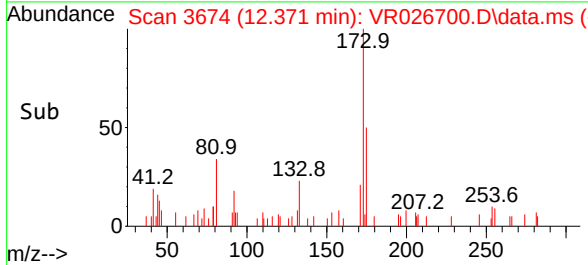
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

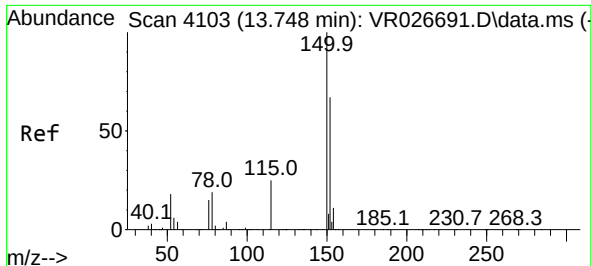


#70
Bromoform
Concen: 2.076 ug/l
RT: 12.371 min Scan# 3674
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



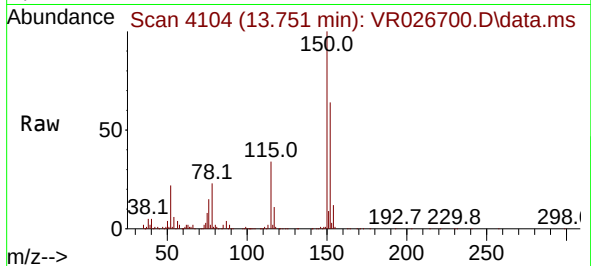
Tgt Ion:173 Resp: 4926
Ion Ratio Lower Upper
173 100
175 22.1 23.6 71.0#
254 1.9 0.1 0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.751 min Scan# 4103
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

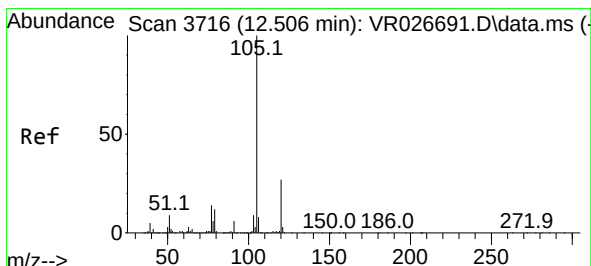
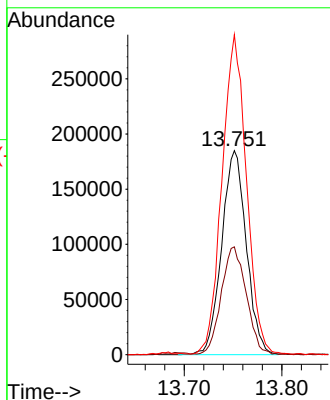
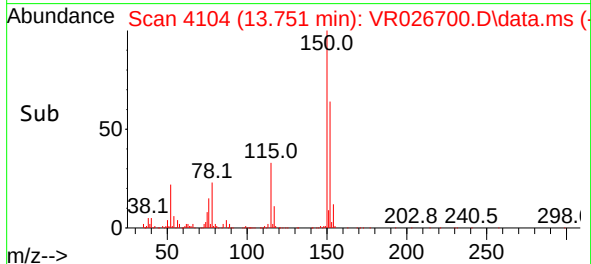
Instrument :
MSVOA_R
ClientSampleId :
MDL02



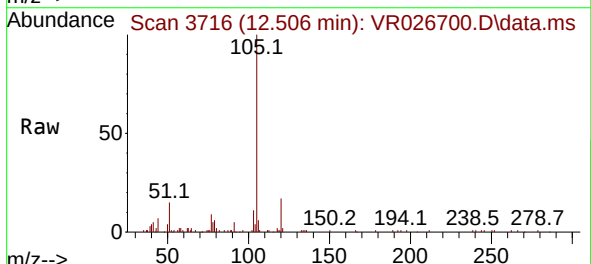
Tgt Ion:152 Resp: 32382
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.4
150 155.0 0.0 350.4

Manual Integrations
APPROVED

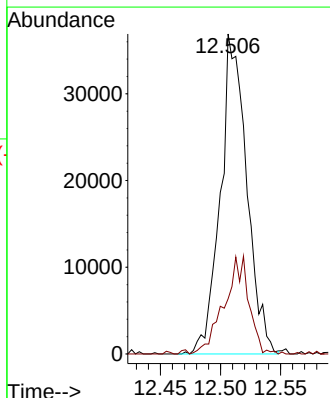
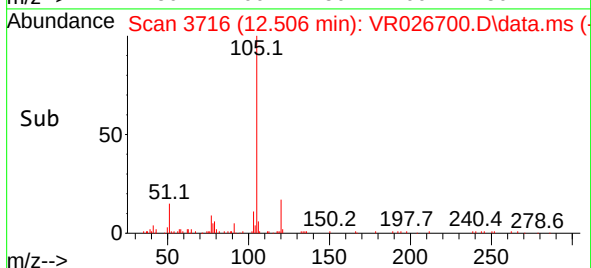
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

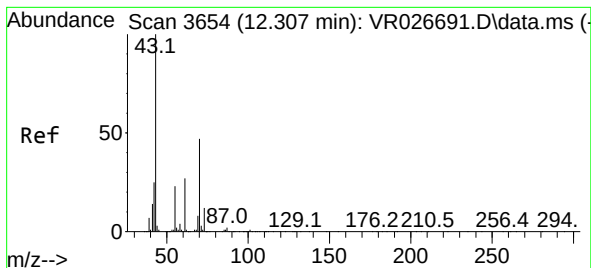


#72
Isopropylbenzene
Concen: 2.441 ug/l
RT: 12.506 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion:105 Resp: 56335
Ion Ratio Lower Upper
105 100
120 28.8 14.2 42.8





#73

N-amy1 acetate

Concen: 2.880 ug/l

RT: 12.314 min Scan# 3656

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion: 43 Resp: 26354

Ion Ratio Lower Upper

43 100

70 21.0 36.4 54.6

55 17.3 18.7 28.1

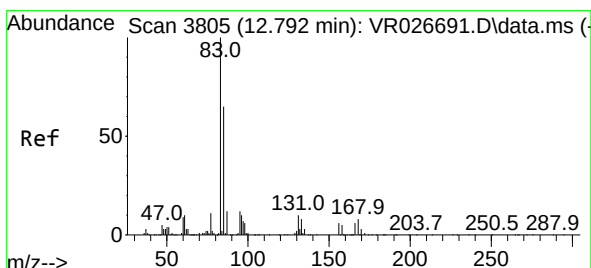
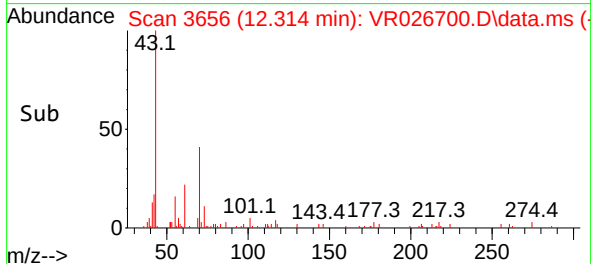
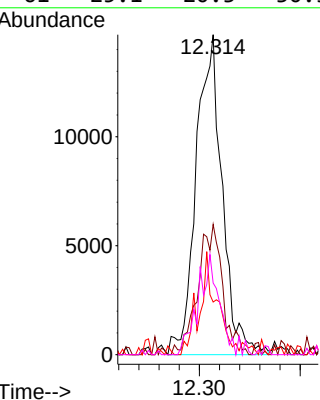
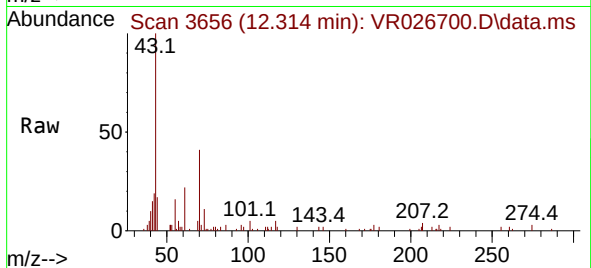
61 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#74

1,1,2,2-Tetrachloroethane

Concen: 2.864 ug/l

RT: 12.792 min Scan# 3805

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

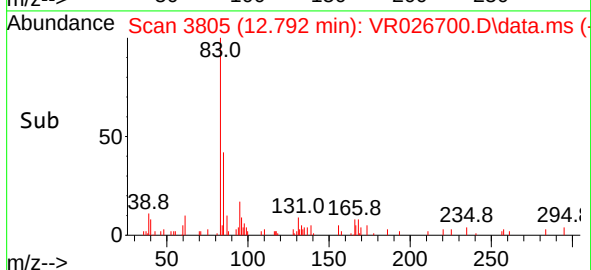
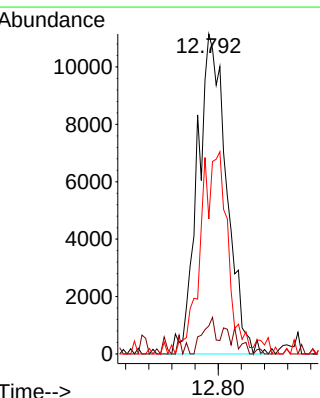
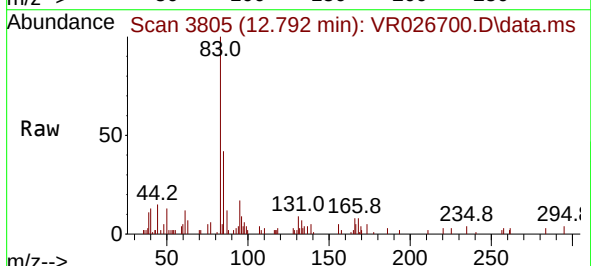
Tgt Ion: 83 Resp: 19396

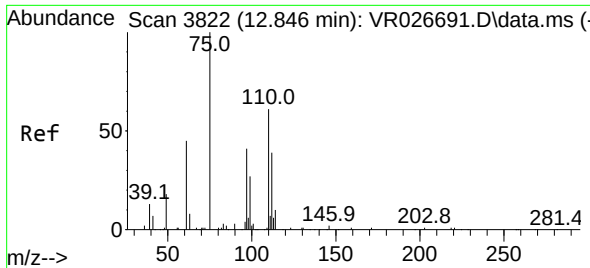
Ion Ratio Lower Upper

83 100

131 5.3 4.2 12.4

85 58.6 32.3 96.8





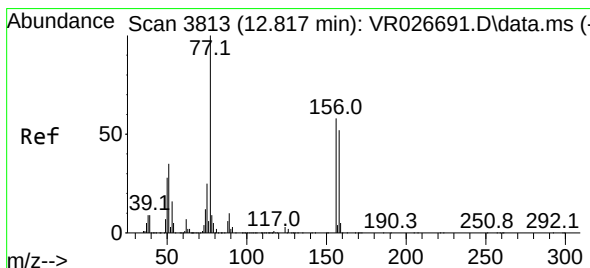
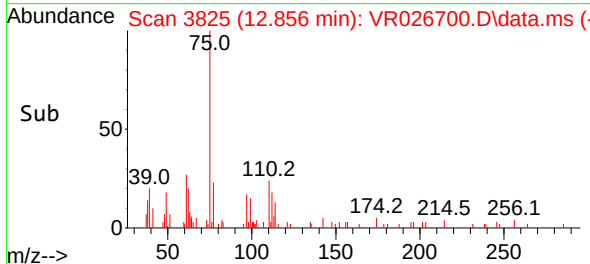
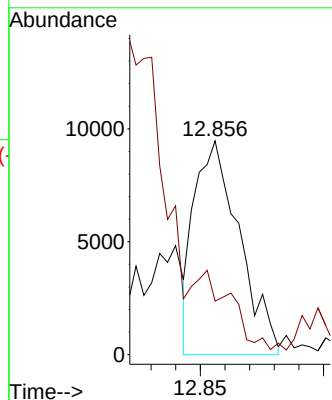
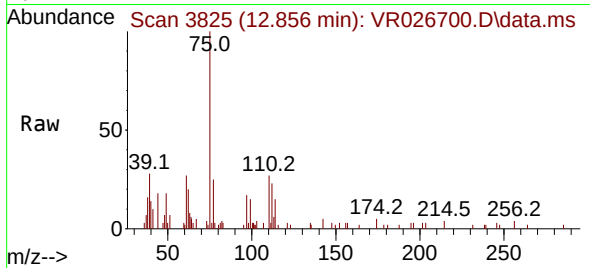
#75
1,2,3-Trichloropropane
Concen: 2.239 ug/l m
RT: 12.856 min Scan# 3825
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 12020
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

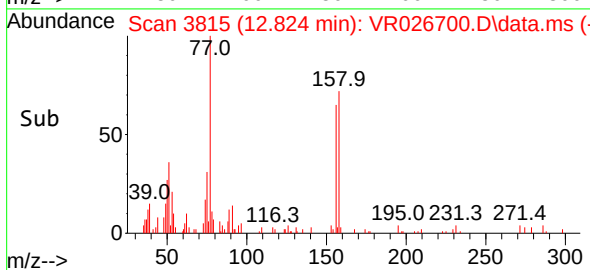
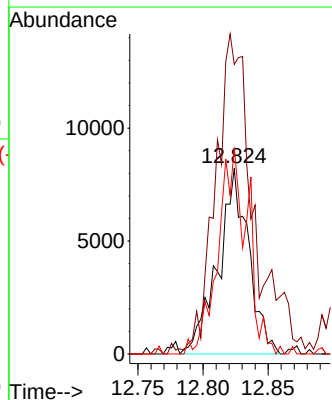
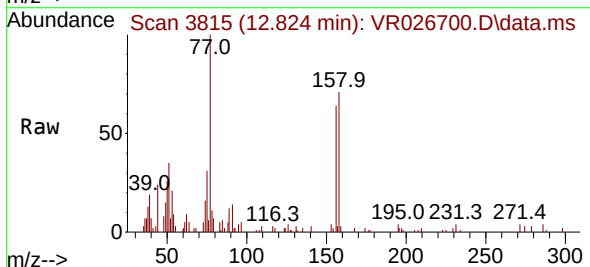
Manual Integrations
APPROVED

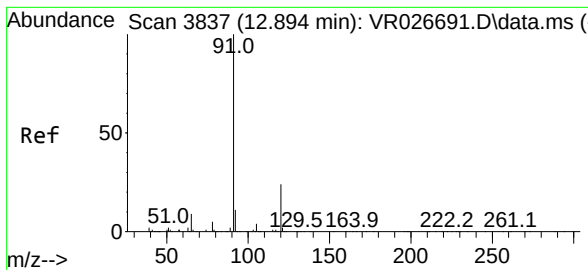
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#76
Bromobenzene
Concen: 2.513 ug/l
RT: 12.824 min Scan# 3815
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:156 Resp: 13422
Ion Ratio Lower Upper
156 100
77 181.7 105.5 316.4
158 108.0 46.4 139.1





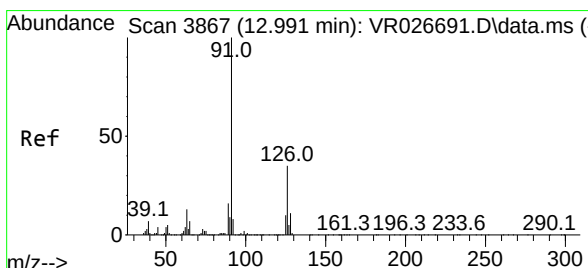
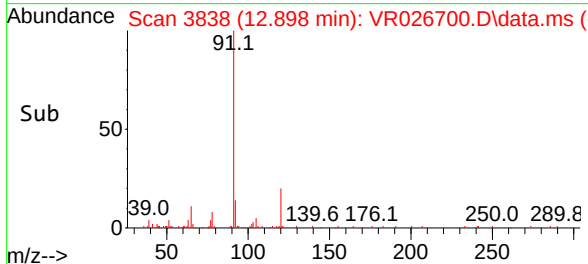
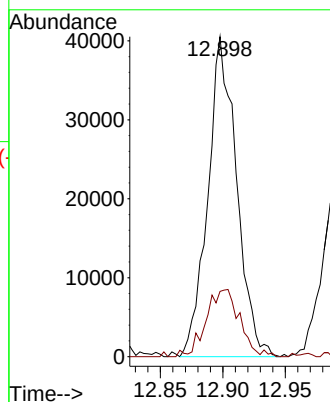
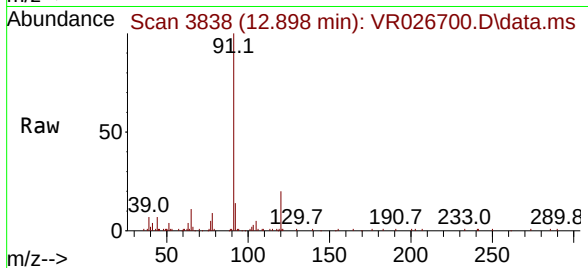
#77
n-propylbenzene
Concen: 2.361 ug/l
RT: 12.898 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 65009
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9

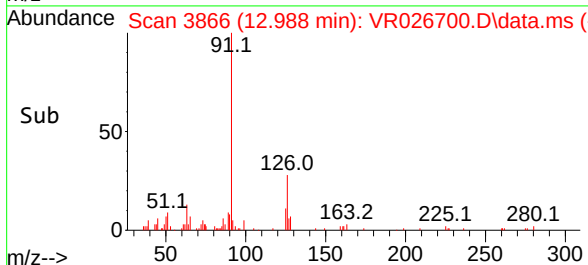
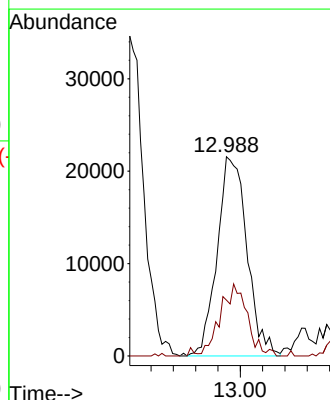
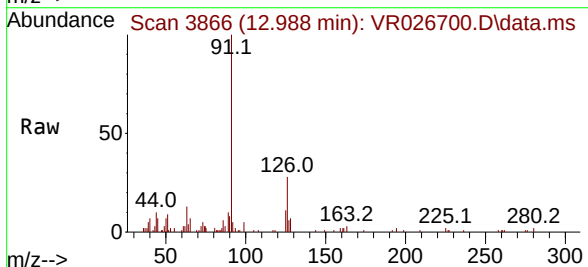
Manual Integrations
APPROVED

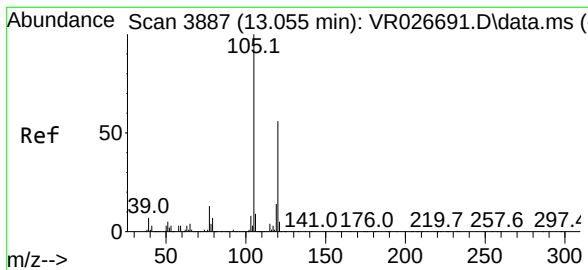
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#78
2-Chlorotoluene
Concen: 2.564 ug/l
RT: 12.988 min Scan# 3866
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

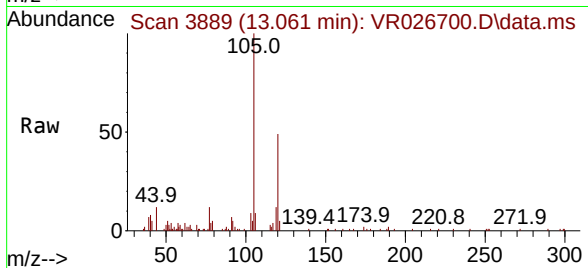
Tgt Ion: 91 Resp: 40063
Ion Ratio Lower Upper
91 100
126 30.6 17.5 52.6





#79
 1,3,5-Trimethylbenzene
 Concen: 2.266 ug/l
 RT: 13.061 min Scan# 3889
 Delta R.T. 0.007 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

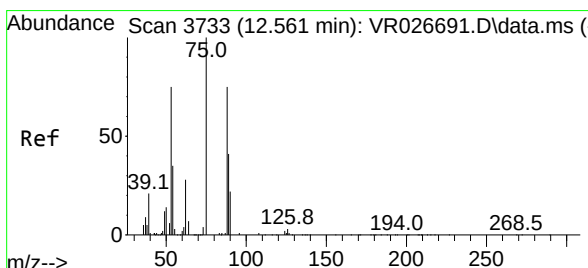
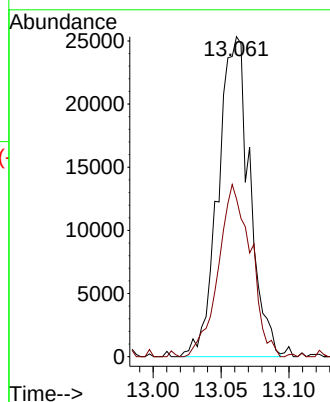
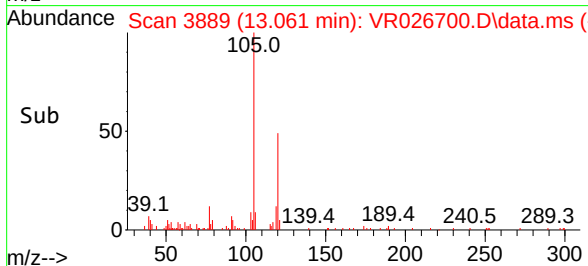
Instrument : MSVOA_R
 ClientSampleId : MDL02



Tgt Ion:105 Resp: 4090
 Ion Ratio Lower Upper
 105 100
 120 55.6 26.6 79.7

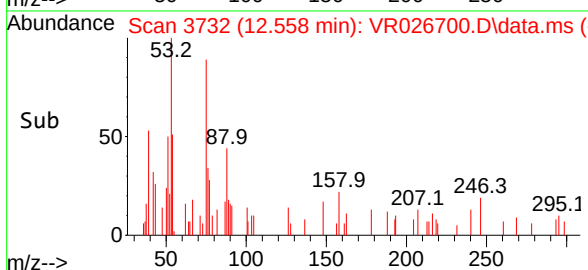
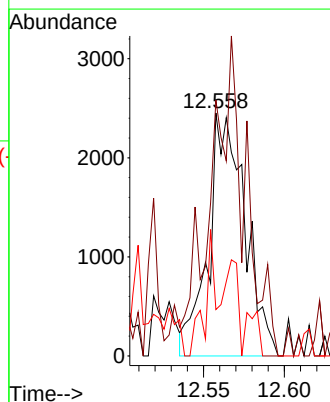
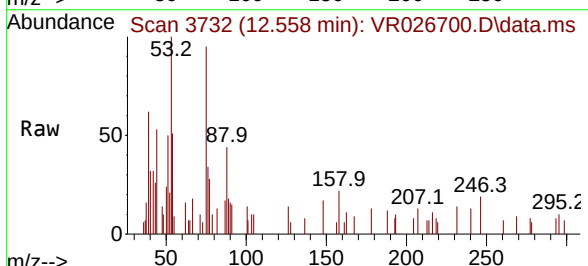
Manual Integrations
 APPROVED

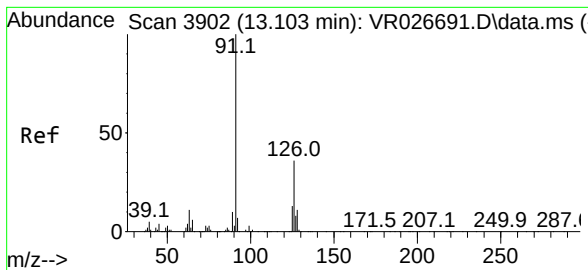
Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025



#80
 trans-1,4-Dichloro-2-butene
 Concen: 2.084 ug/l m
 RT: 12.558 min Scan# 3732
 Delta R.T. -0.003 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion: 75 Resp: 3840
 Ion Ratio Lower Upper
 75 100
 53 3.8 67.8 101.6#
 89 0.0 34.6 52.0#





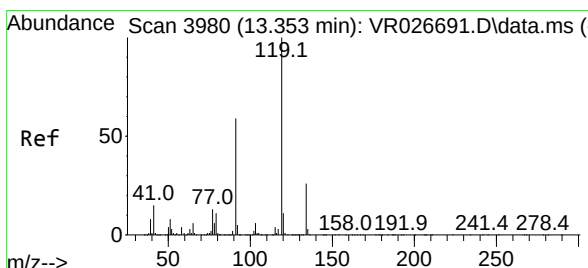
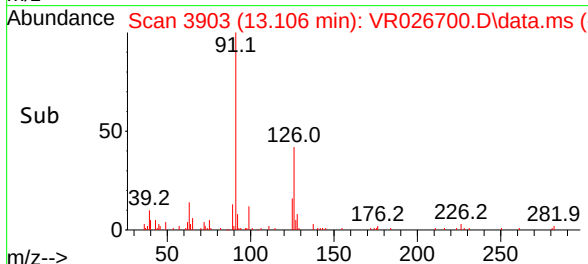
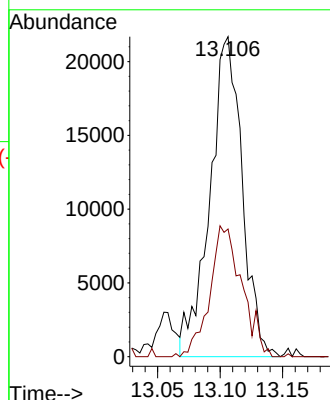
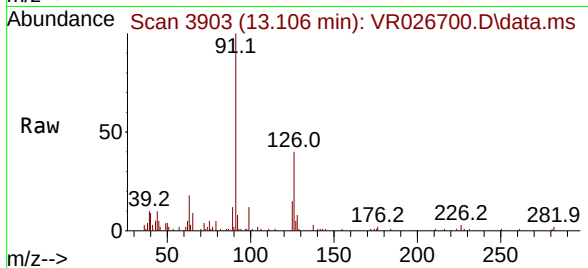
#81
4-Chlorotoluene
Concen: 2.443 ug/l
RT: 13.106 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Instrument :
MSVOA_R
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 3899
Ion Ratio Lower Upper
91 100
126 40.7 17.8 53.3

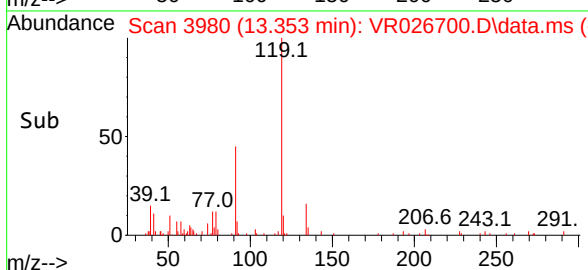
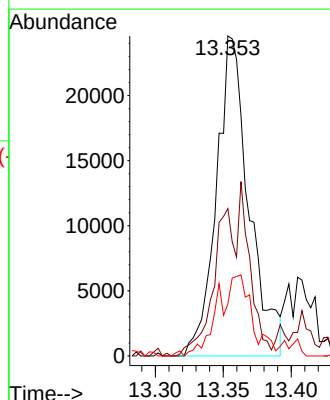
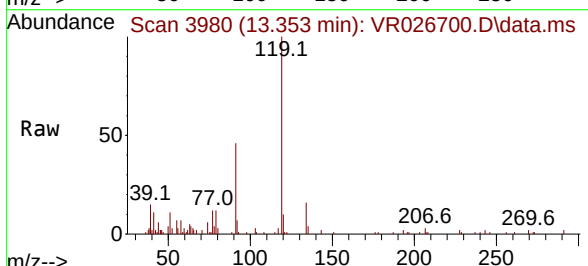
Manual Integrations
APPROVED

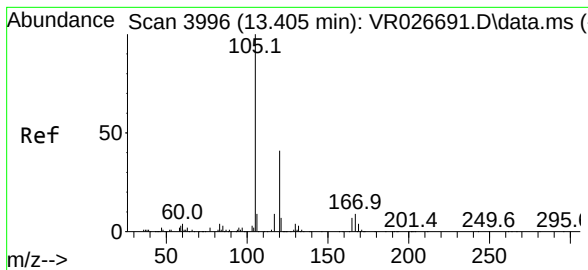
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#82
tert-Butylbenzene
Concen: 2.495 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

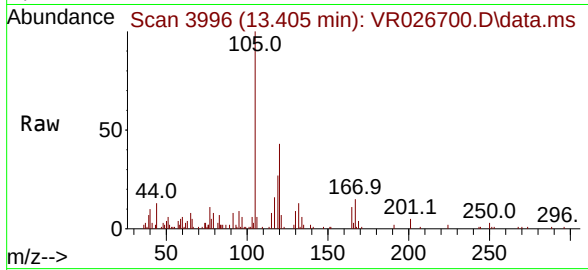
Tgt Ion:119 Resp: 40960
Ion Ratio Lower Upper
119 100
91 31.4 29.9 89.7
134 8.2 13.5 40.4#





#83
1,2,4-Trimethylbenzene
Concen: 2.124 ug/l
RT: 13.405 min Scan# 3996
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

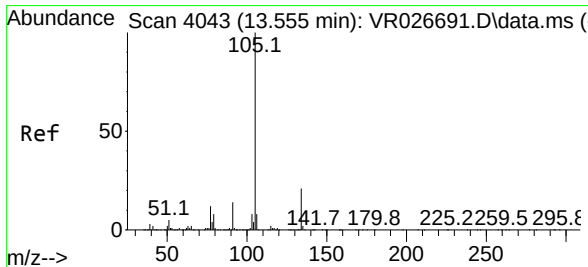
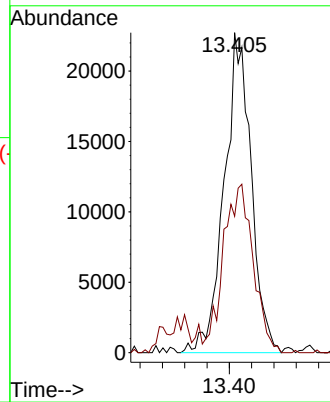
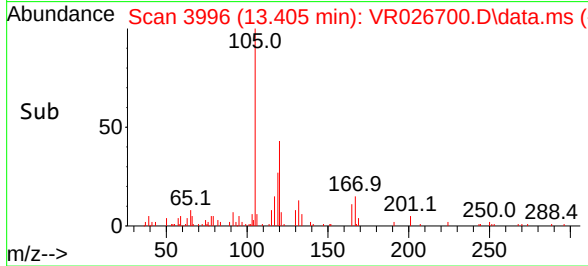
Instrument :
MSVOA_R
ClientSampleId :
MDL02



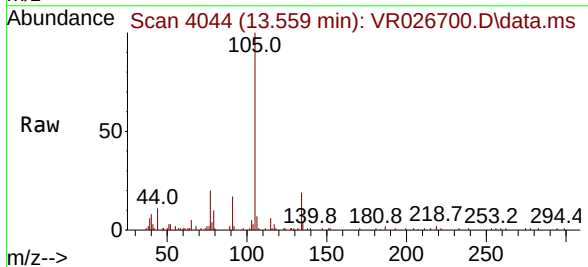
Tgt Ion:105 Resp: 37945
Ion Ratio Lower Upper
105 100
120 58.3 25.0 75.0

Manual Integrations
APPROVED

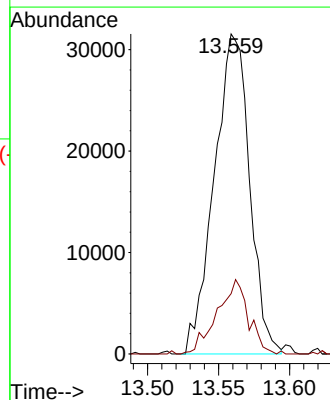
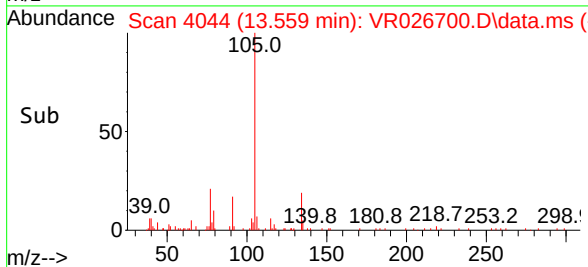
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

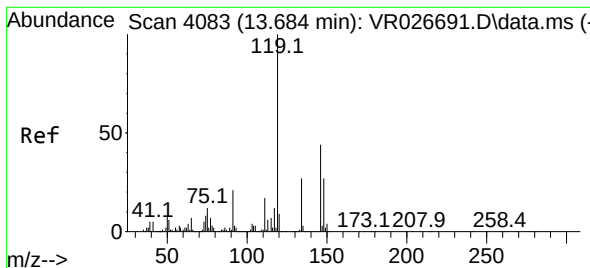


#84
sec-Butylbenzene
Concen: 2.244 ug/l
RT: 13.559 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47



Tgt Ion:105 Resp: 54641
Ion Ratio Lower Upper
105 100
134 20.6 10.4 31.1





#85

p-Isopropyltoluene

Concen: 2.205 ug/l

RT: 13.694 min Scan# 4086

Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

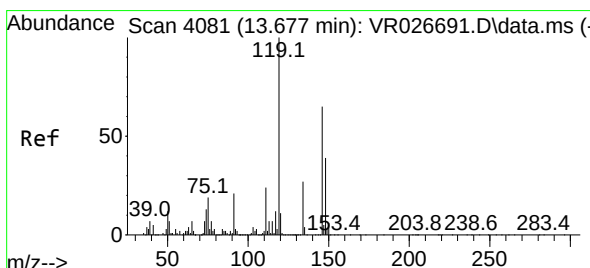
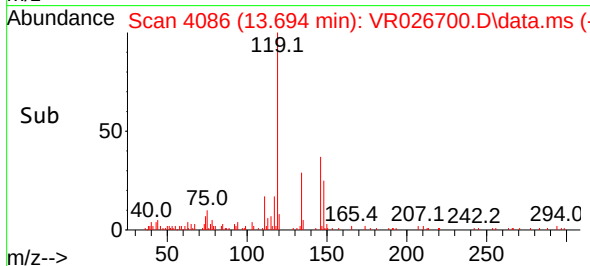
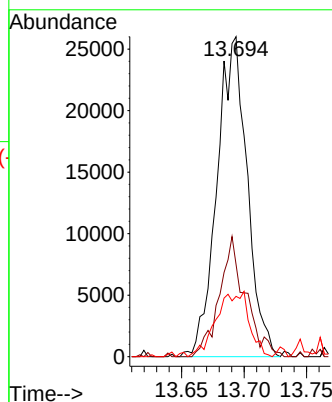
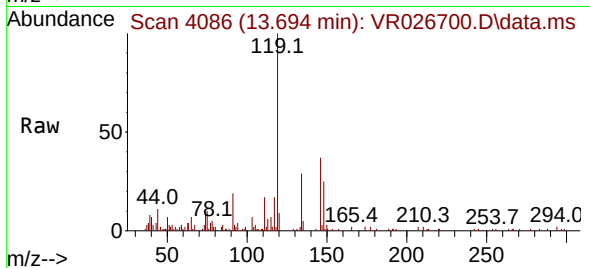
MDL02

Tgt Ion:	119	Resp:	43772
Ion Ratio	Lower	Upper	
119	100		
134	32.6	13.9	41.7
91	12.0	10.4	31.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#86

1,3-Dichlorobenzene

Concen: 2.457 ug/l

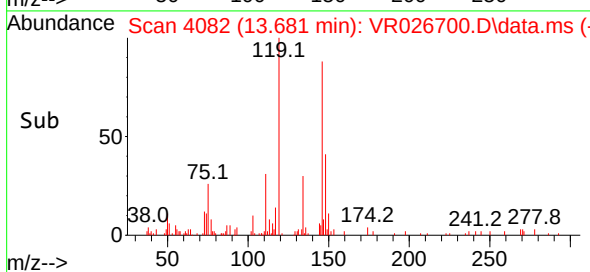
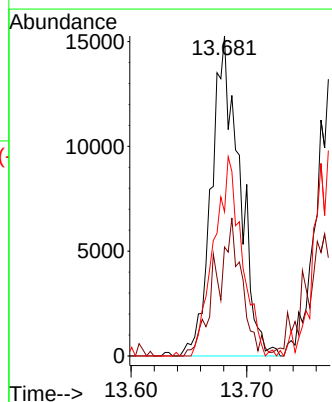
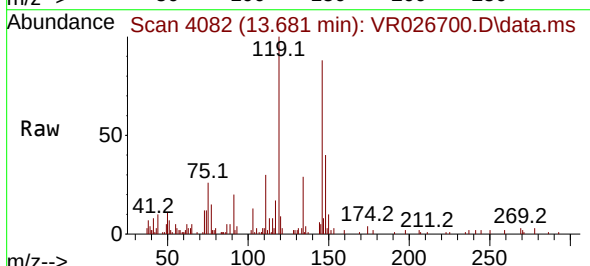
RT: 13.681 min Scan# 4082

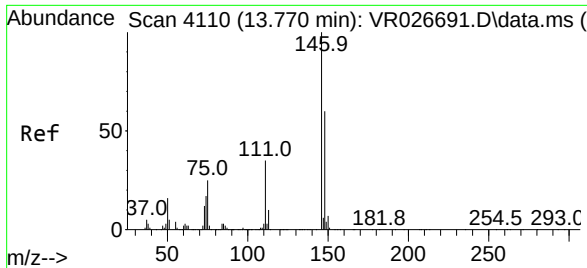
Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

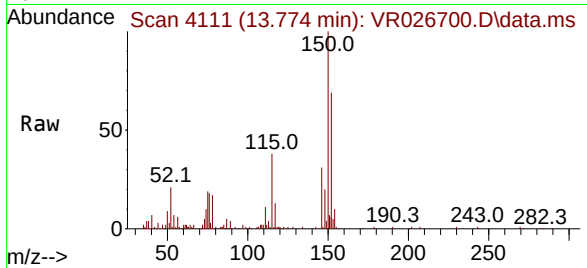
Tgt Ion:	146	Resp:	25730
Ion Ratio	Lower	Upper	
146	100		
111	24.6	19.4	58.2
148	61.1	31.4	94.3





#87
1,4-Dichlorobenzene
Concen: 2.370 ug/l
RT: 13.774 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

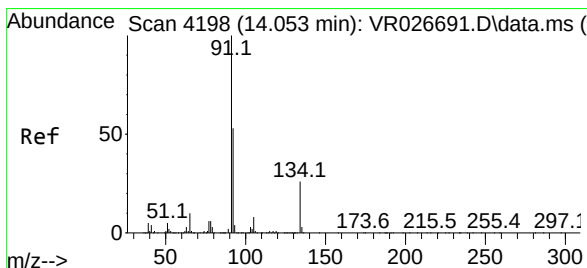
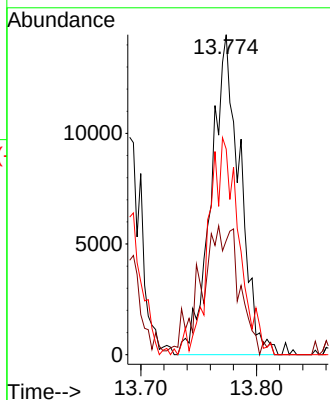
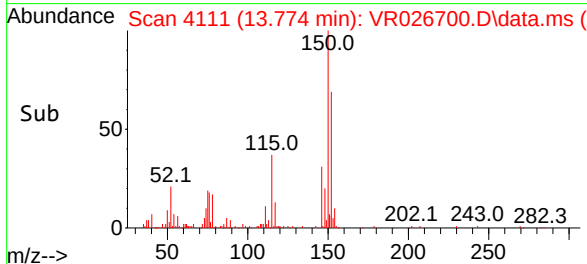
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion: 146 Resp: 24909
Ion Ratio Lower Upper
146 100
111 19.8 19.1 57.3
148 70.2 32.6 97.8

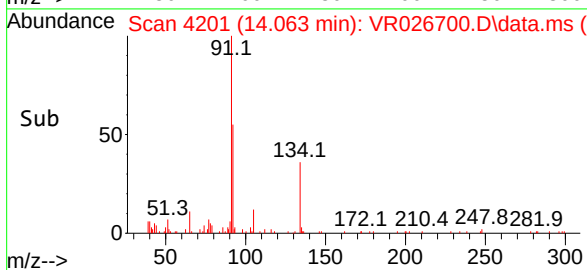
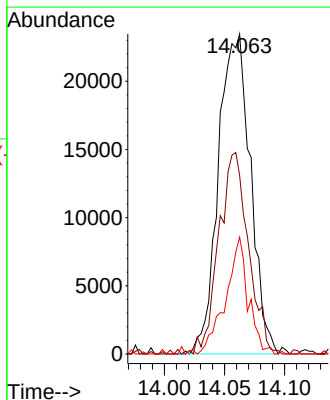
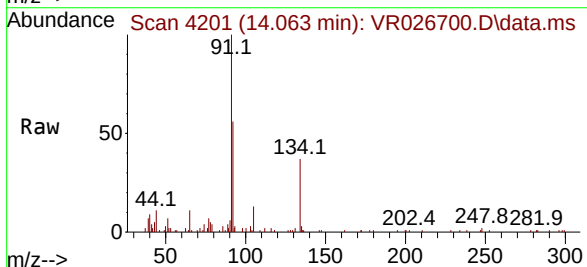
Manual Integrations
APPROVED

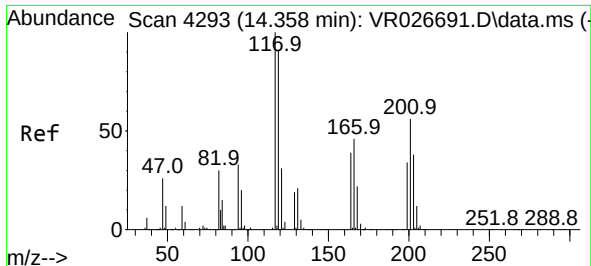
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#88
n-Butylbenzene
Concen: 2.372 ug/l
RT: 14.063 min Scan# 4201
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

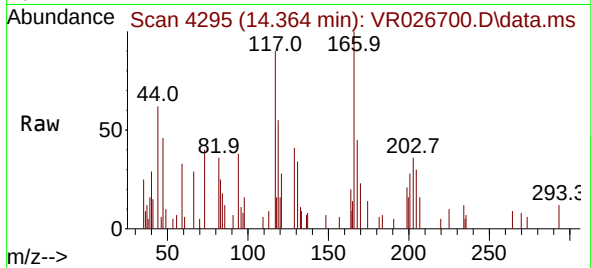
Tgt Ion: 91 Resp: 43394
Ion Ratio Lower Upper
91 100
92 58.4 27.1 81.2
134 25.8 13.1 39.3





#89
Hexachloroethane
Concen: 1.801 ug/l m
RT: 14.364 min Scan# 41
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

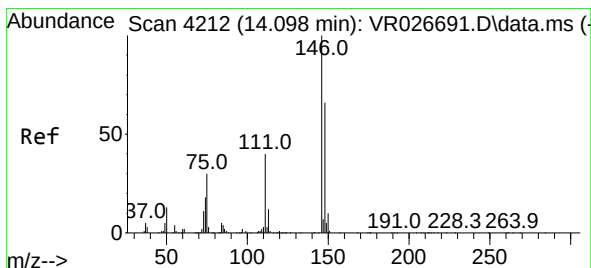
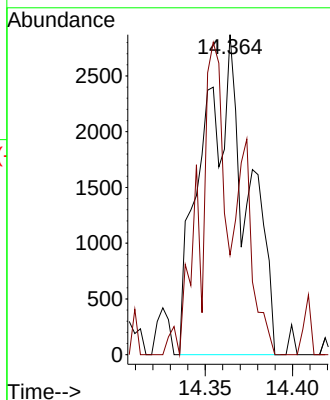
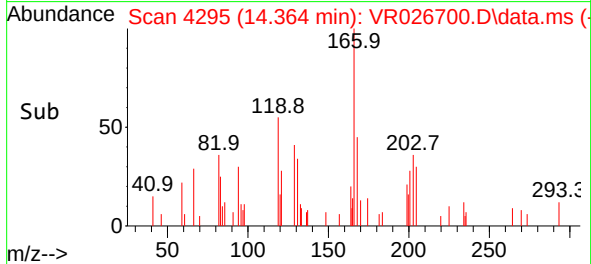
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion:117 Resp: 5134
Ion Ratio Lower Upper
117 100
201 52.6 30.6 92.0

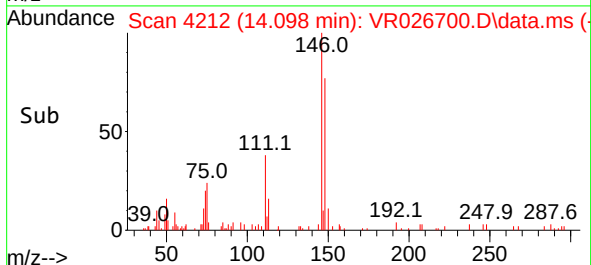
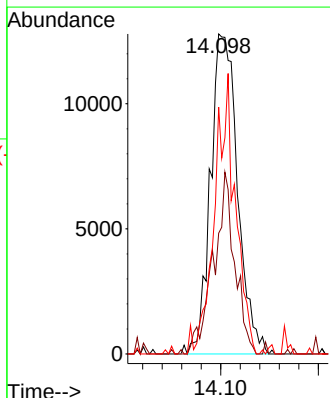
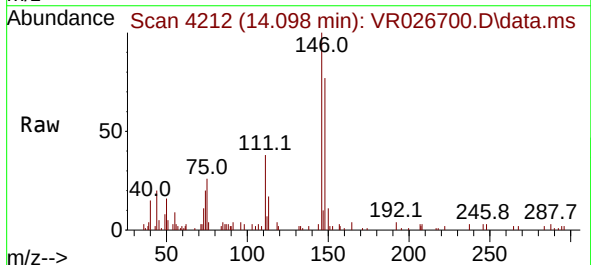
Manual Integrations
APPROVED

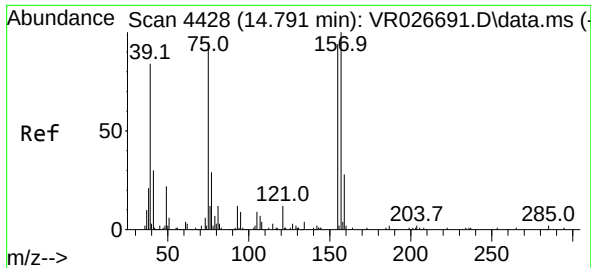
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#90
1,2-Dichlorobenzene
Concen: 2.508 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

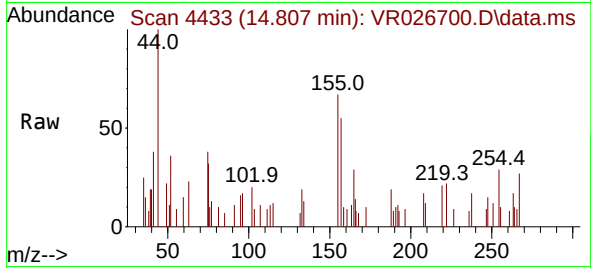
Tgt Ion:146 Resp: 24663
Ion Ratio Lower Upper
146 100
111 44.6 20.0 60.0
148 66.4 32.4 97.0





#91
1,2-Dibromo-3-Chloropropane
Concen: 2.402 ug/l m
RT: 14.807 min Scan# 4428
Delta R.T. 0.016 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

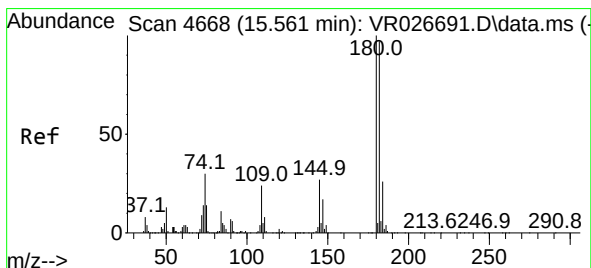
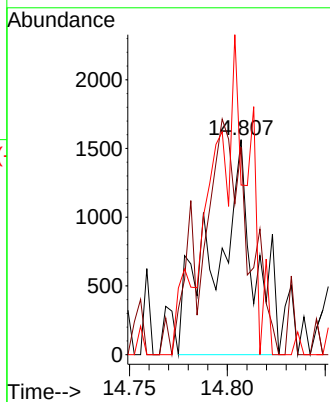
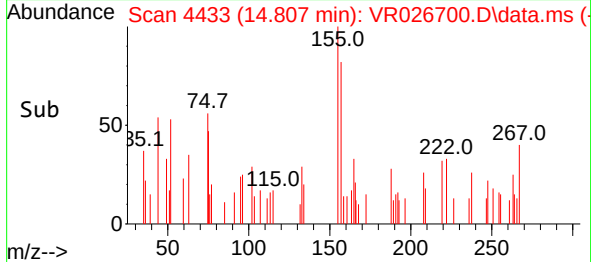
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 2160
Ion Ratio Lower Upper
75 100
155 6.3 48.0 144.2
157 7.8 59.5 178.4

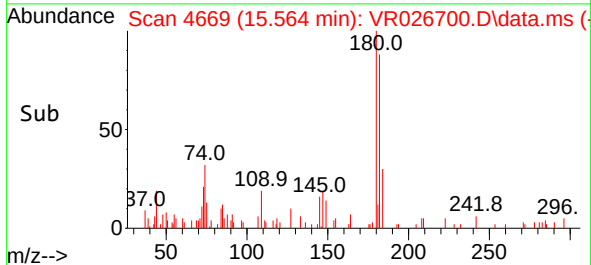
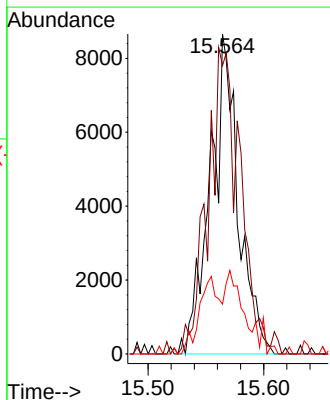
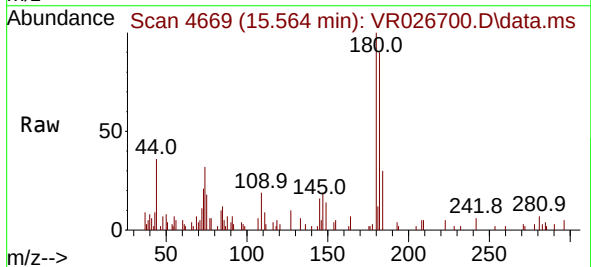
Manual Integrations
APPROVED

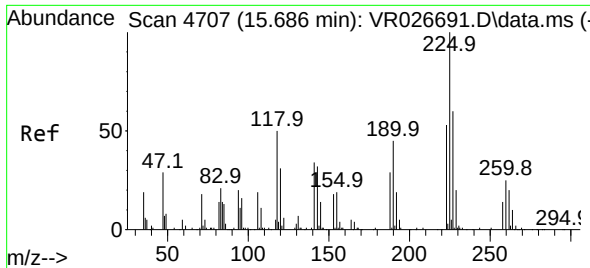
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#92
1,2,4-Trichlorobenzene
Concen: 2.481 ug/l
RT: 15.564 min Scan# 4669
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

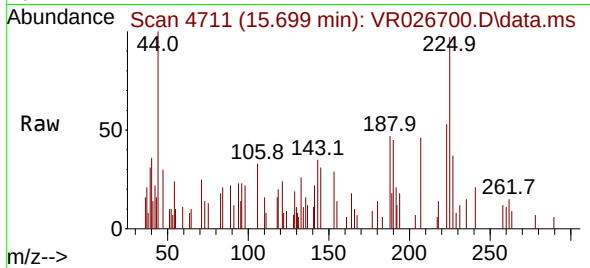
Tgt Ion:180 Resp: 14588
Ion Ratio Lower Upper
180 100
182 79.3 47.0 141.0
145 18.3 15.2 45.5





#93
Hexachlorobutadiene
Concen: 2.464 ug/l m
RT: 15.699 min Scan# 4711
Delta R.T. 0.013 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

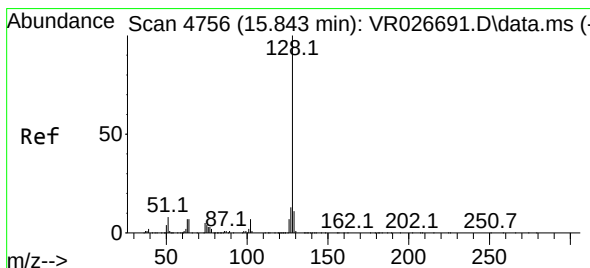
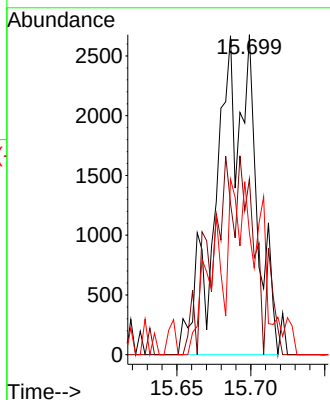
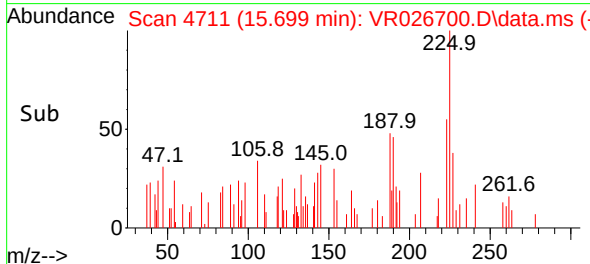
Instrument :
MSVOA_R
ClientSampleId :
MDL02



Tgt Ion:225 Resp: 4708
Ion Ratio Lower Upper
225 100
223 1.1 31.4 94.2#
227 2.9 31.6 95.0#

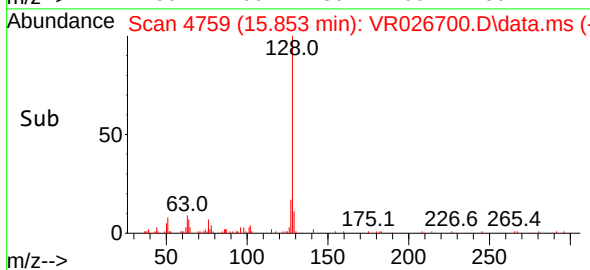
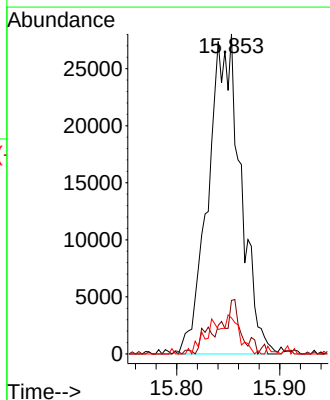
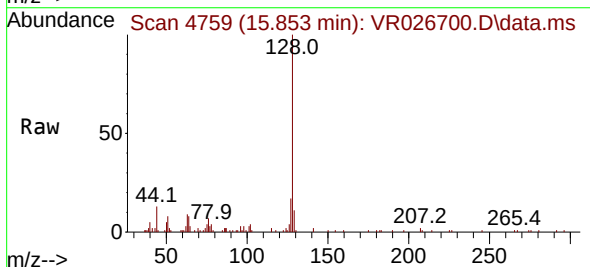
Manual Integrations
APPROVED

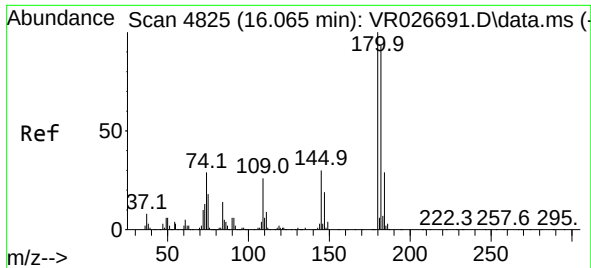
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#94
Naphthalene
Concen: 3.380 ug/l m
RT: 15.853 min Scan# 4759
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:128 Resp: 60912
Ion Ratio Lower Upper
128 100
127 3.3 9.8 14.8#
129 4.6 8.6 13.0#





#95

1,2,3-Trichlorobenzene

Concen: 2.715 ug/l

RT: 16.068 min Scan# 41

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion:180 Resp: 1516

Ion Ratio Lower Upper

180 100

182 101.4 47.2 141.6

145 29.1 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025

