

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026711.D
 Acq On : 5 Aug 2025 14:08
 Operator : SY/MD
 Sample : MDL05
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:24:34 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	7.289	168	409311	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.319	114	770899	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.527	117	593243	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.735	152	270189	50.000	ug/l	-0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.677	65	274851	53.055	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.100%			
34) Dibromofluoromethane	7.192	113	221972	46.554	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.100%			
49) Toluene-d8	10.026	98	911992	53.388	ug/l	-0.01
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
61) 4-Bromofluorobenzene	12.667	95	234849	48.336	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.660	85	6016m	2.017	ug/l	
3) Chloromethane	1.843	50	11773	2.655	ug/l #	78
4) Vinyl Chloride	1.955	62	13083	2.887	ug/l	98
5) Bromomethane	2.295	94	7214	3.267	ug/l	100
6) Chloroethane	2.421	64	9741	3.339	ug/l	91
7) Trichlorofluoromethane	2.709	101	25782	3.157	ug/l	97
8) Diethyl Ether	3.072	74	9835	2.714	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.370	101	10999m	2.496	ug/l	
10) Methyl Iodide	3.537	142	8761m	2.060	ug/l	
11) Tert butyl alcohol	4.304	59	10945m	13.503	ug/l	
12) 1,1-Dichloroethene	3.348	96	9017	2.071	ug/l #	90
13) Acrolein	3.236	56	8388	7.079	ug/l #	63
14) Allyl chloride	3.868	41	16205m	1.892	ug/l	
15) Acrylonitrile	4.468	53	41427m	12.876	ug/l	
16) Acetone	3.444	43	34948	14.373	ug/l #	84
17) Carbon Disulfide	3.640	76	8514m	1.321	ug/l	
18) Methyl Acetate	3.897	43	18881m	1.861	ug/l	
19) Methyl tert-butyl Ether	4.555	73	38421m	2.205	ug/l	
20) Methylene Chloride	4.076	84	15791m	2.737	ug/l	
21) trans-1,2-Dichloroethene	4.519	96	10179m	2.127	ug/l	
22) Diisopropyl ether	5.463	45	49208	2.451	ug/l #	80
23) Vinyl Acetate	5.382	43	150965	13.190	ug/l #	89
24) 1,1-Dichloroethane	5.325	63	28290m	2.783	ug/l	
25) 2-Butanone	6.377	43	42946	11.412	ug/l #	89
26) 2,2-Dichloropropane	6.335	77	11671m	1.661	ug/l	
27) cis-1,2-Dichloroethene	6.348	96	15575m	2.529	ug/l	
28) Bromochloromethane	6.743	49	10260	2.801	ug/l	97
29) Chloroform	6.945	83	21513m	2.443	ug/l	
30) Cyclohexane	7.279	56	25363m	3.090	ug/l	
31) 1,1,1-Trichloroethane	7.170	97	14596m	2.295	ug/l	
35) 1,1-Dichloropropene	7.426	75	12136	2.018	ug/l #	70
36) Ethyl Acetate	6.477	43	21028	2.920	ug/l #	77
37) Carbon Tetrachloride	7.391	117	9670m	1.974	ug/l	
38) Methylcyclohexane	8.877	83	14116	2.050	ug/l #	72
39) Benzene	7.696	78	49903	2.304	ug/l #	83
40) Methacrylonitrile	6.711	41	13123m	2.932	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.783	62	12861	2.334	ug/l	86
42) Isopropyl Acetate	7.863	43	25088	2.167	ug/l #	89
43) Trichloroethene	8.601	130	9378	2.251	ug/l	50
44) 1,2-Dichloropropane	8.922	63	11627m	2.268	ug/l	
45) Dibromomethane	9.012	93	7254m	2.545	ug/l	
46) Bromodichloromethane	9.240	83	10931	1.979	ug/l #	84
47) Methyl methacrylate	9.031	41	12156m	2.399	ug/l	
48) 1,4-Dioxane	9.025	88	4309m	52.785	ug/l	
50) 4-Methyl-2-Pentanone	9.913	43	75599	12.506	ug/l	98
51) Toluene	10.103	92	26290	2.377	ug/l	93
52) t-1,3-Dichloropropene	10.350	75	10653m	1.968	ug/l	
53) cis-1,3-Dichloropropene	9.743	75	11730m	1.806	ug/l	
54) 1,1,2-Trichloroethane	10.558	97	10565	2.616	ug/l #	90
55) Ethyl methacrylate	10.430	69	15444	2.316	ug/l	96
56) 1,3-Dichloropropane	10.732	76	17243m	2.507	ug/l	
57) 2-Chloroethyl Vinyl ether	9.576	63	7079m	19.208	ug/l	
58) 2-Hexanone	10.796	43	48425	11.883	ug/l	99
59) Dibromochloromethane	10.953	129	6603	1.932	ug/l	100
60) 1,2-Dibromoethane	11.075	107	9426	2.712	ug/l #	51
63) Tetrachloroethene	10.648	164	8480	2.617	ug/l #	48
64) Chlorobenzene	11.560	112	29619	2.399	ug/l #	82
65) 1,1,1,2-Tetrachloroethane	11.653	131	6962	2.065	ug/l #	62
66) Ethyl Benzene	11.653	91	46086	2.236	ug/l	99
67) m/p-Xylenes	11.778	106	35858	4.354	ug/l	94
68) o-Xylene	12.156	106	17019m	2.129	ug/l	
69) Styrene	12.169	104	27379	2.049	ug/l	96
70) Bromoform	12.349	173	3707m	1.942	ug/l	
72) Isopropylbenzene	12.497	105	40073	2.081	ug/l	100
73) N-amyl acetate	12.294	43	15399	2.017	ug/l #	78
74) 1,1,2,2-Tetrachloroethane	12.785	83	14680	2.598	ug/l	93
75) 1,2,3-Trichloropropane	12.837	75	11104m	2.479	ug/l	
76) Bromobenzene	12.811	156	9991m	2.242	ug/l	
77) n-propylbenzene	12.888	91	50898	2.215	ug/l	81
78) 2-Chlorotoluene	12.984	91	27455	2.106	ug/l	98
79) 1,3,5-Trimethylbenzene	13.042	105	30650	2.035	ug/l	95
80) trans-1,4-Dichloro-2-b...	12.561	75	3736m	2.430	ug/l	
81) 4-Chlorotoluene	13.090	91	30545	2.294	ug/l	74
82) tert-Butylbenzene	13.344	119	31954	2.333	ug/l	91
83) 1,2,4-Trimethylbenzene	13.392	105	31511	2.114	ug/l	97
84) sec-Butylbenzene	13.546	105	44506	2.191	ug/l	99
85) p-Isopropyltoluene	13.674	119	35100	2.119	ug/l	86
86) 1,3-Dichlorobenzene	13.668	146	20398	2.335	ug/l	99
87) 1,4-Dichlorobenzene	13.764	146	22907	2.612	ug/l	91
88) n-Butylbenzene	14.043	91	31767	2.081	ug/l	99
89) Hexachloroethane	14.338	117	4766m	2.004	ug/l	
90) 1,2-Dichlorobenzene	14.088	146	20319	2.476	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.788	75	2360m	3.137	ug/l	
92) 1,2,4-Trichlorobenzene	15.551	180	12582	2.564	ug/l	61
93) Hexachlorobutadiene	15.670	225	3973m	2.492	ug/l	
94) Naphthalene	15.831	128	39936	2.656	ug/l #	93
95) 1,2,3-Trichlorobenzene	16.058	180	12164	2.611	ug/l #	39

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ClientSampleId :
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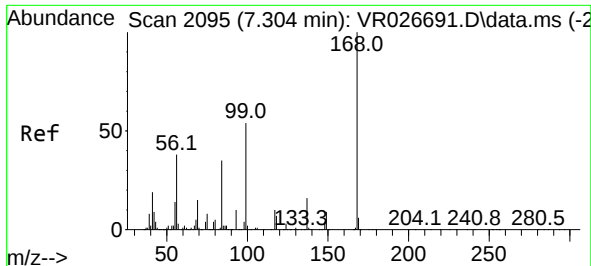
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/06/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

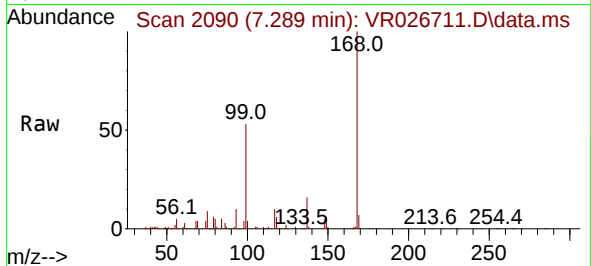
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.289 min Scan# 2095
Delta R.T. -0.015 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

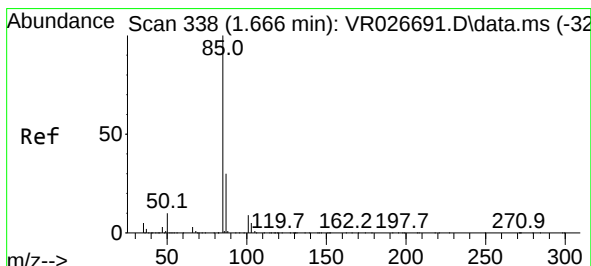
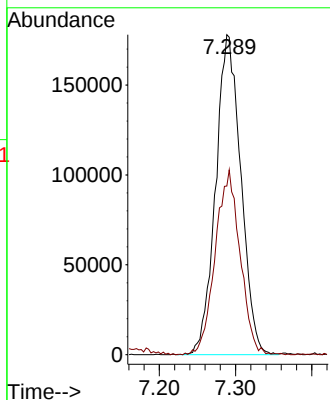
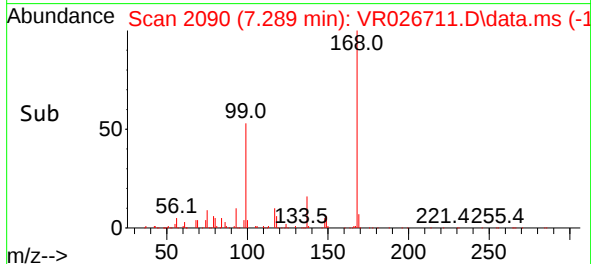
Instrument :
MSVOA_R
ClientSampleId :
MDL05



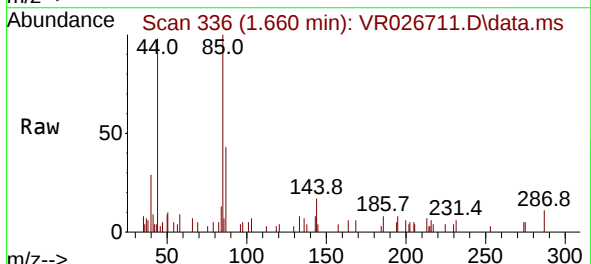
Tgt Ion:168 Resp: 40931
Ion Ratio Lower Upper
168 100
99 52.6 43.8 65.8

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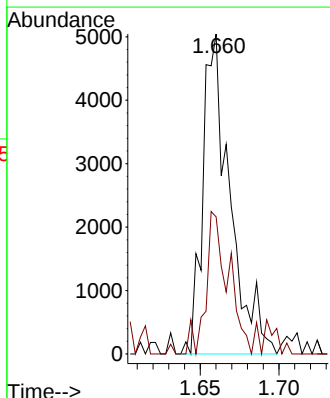
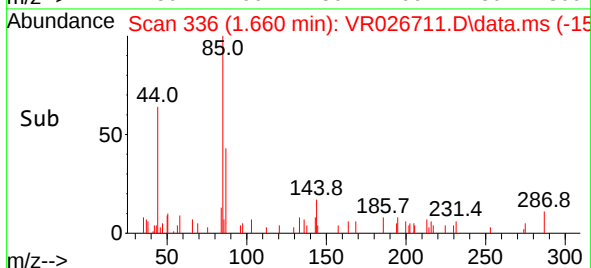
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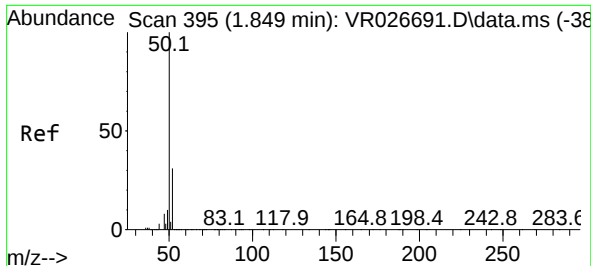


#2
Dichlorodifluoromethane
Concen: 2.017 ug/l m
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



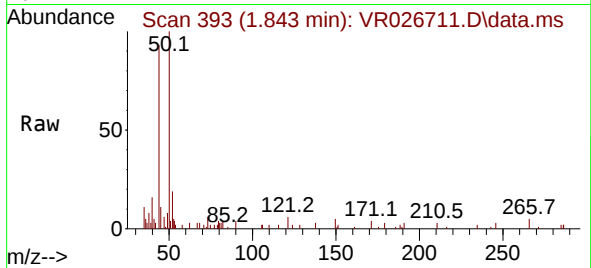
Tgt Ion: 85 Resp: 6016
Ion Ratio Lower Upper
85 100
87 42.9 15.2 45.5





#3
Chloromethane
Concen: 2.655 ug/l
RT: 1.843 min Scan# 395
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

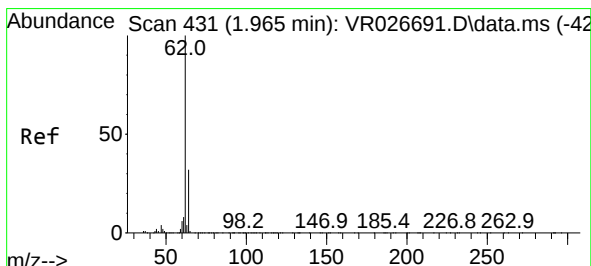
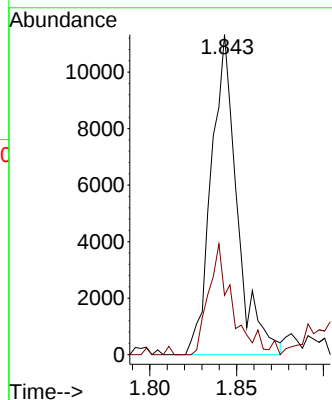
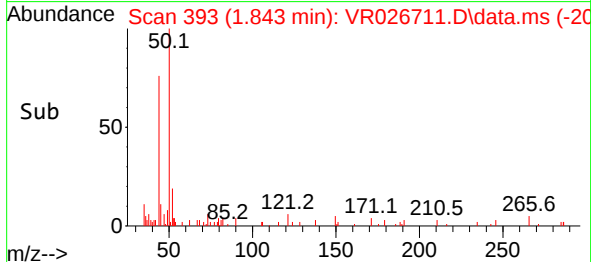
Instrument :
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ClientSampleId :
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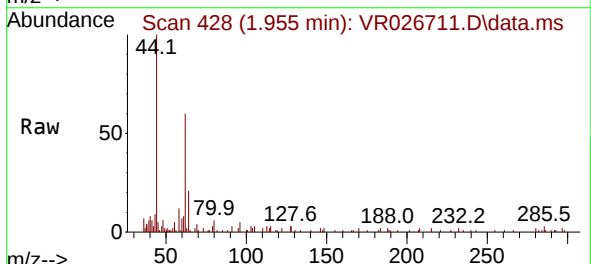
Tgt Ion: 50 Resp: 1177
Ion Ratio Lower Upper
50 100
52 18.8 25.0 37.4

Manual Integrations
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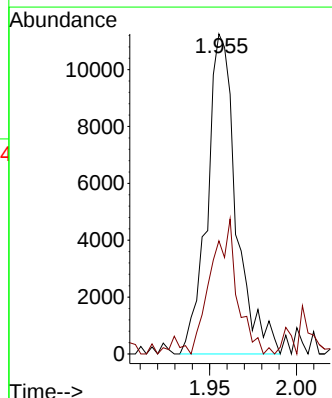
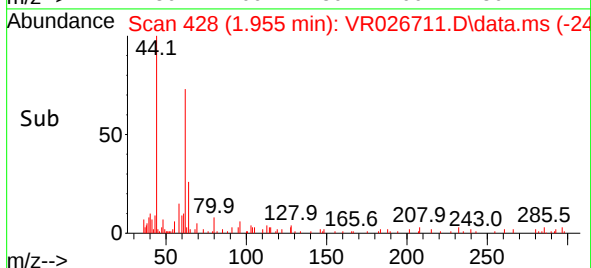
Reviewed By :Mahesh Dadoda 08/06/2025
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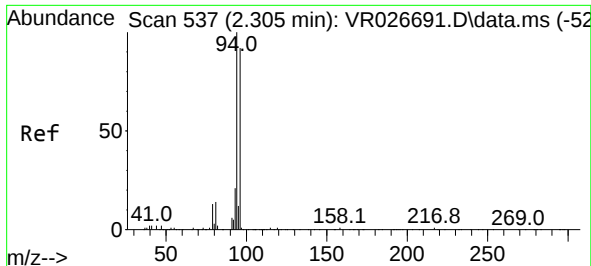


#4
Vinyl Chloride
Concen: 2.887 ug/l
RT: 1.955 min Scan# 428
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



Tgt Ion: 62 Resp: 13083
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9





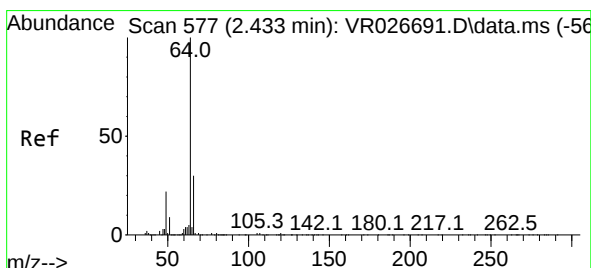
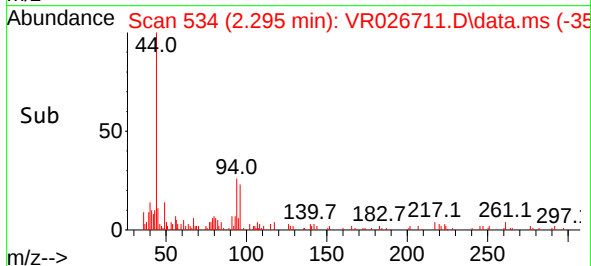
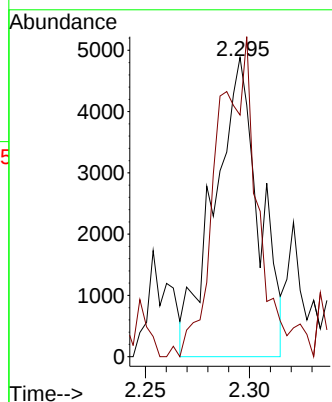
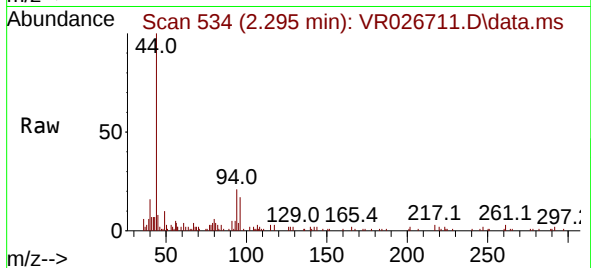
#5
Bromomethane
Concen: 3.267 ug/l
RT: 2.295 min Scan# 51
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion: 94 Resp: 7214
Ion Ratio Lower Upper
94 100
96 91.4 73.3 109.9

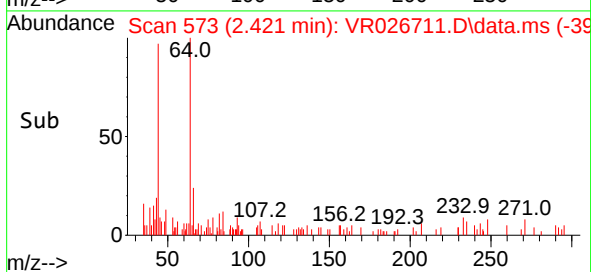
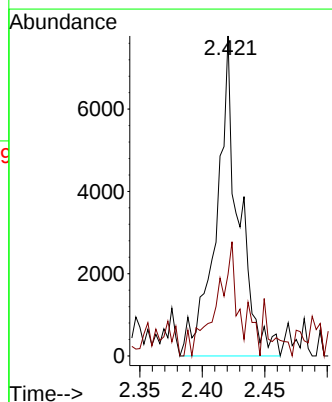
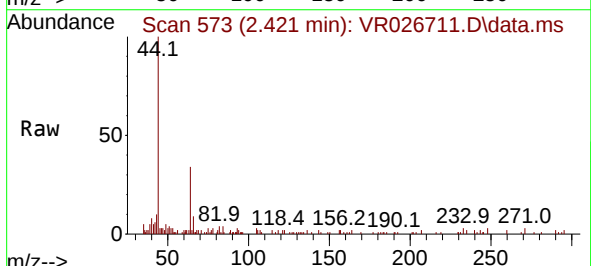
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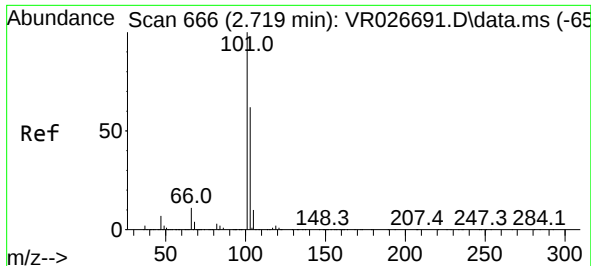
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#6
Chloroethane
Concen: 3.339 ug/l
RT: 2.421 min Scan# 573
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 64 Resp: 9741
Ion Ratio Lower Upper
64 100
66 25.5 24.3 36.5





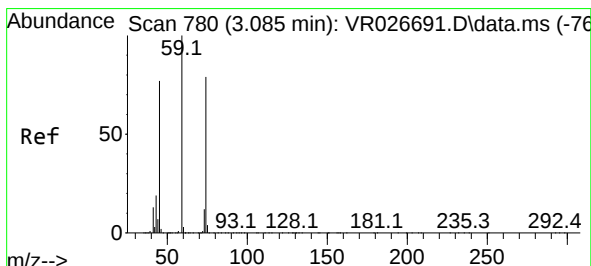
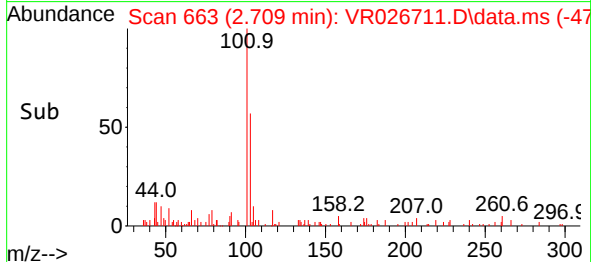
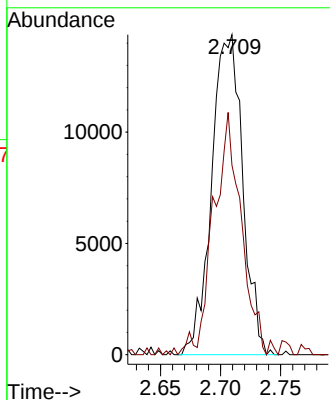
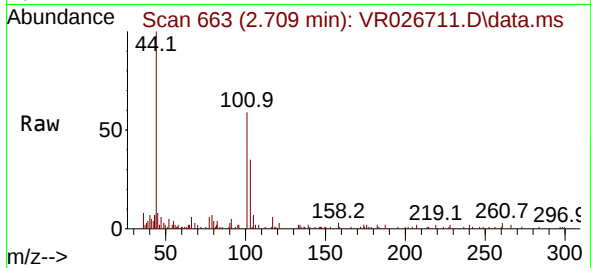
#7
Trichlorofluoromethane
Concen: 3.157 ug/l
RT: 2.709 min Scan# 666
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
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Tgt Ion:101 Resp: 2578
Ion Ratio Lower Upper
101 100
103 59.2 49.4 74.2

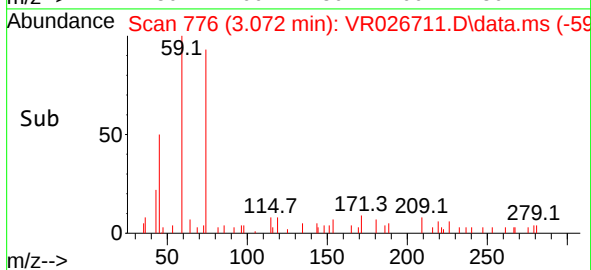
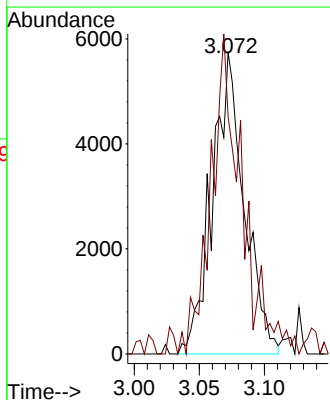
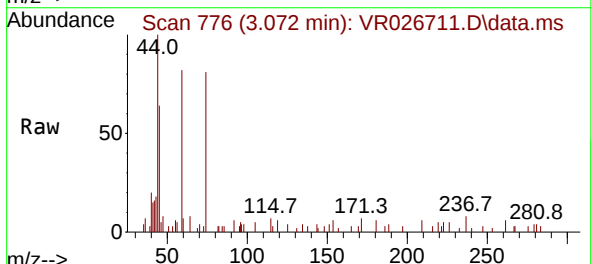
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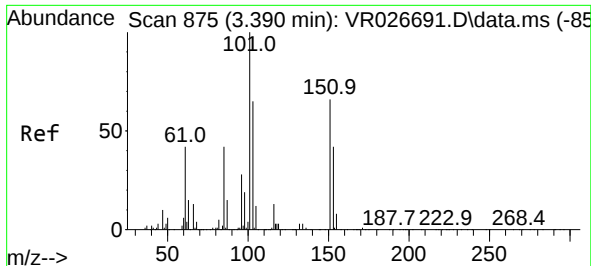
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#8
Diethyl Ether
Concen: 2.714 ug/l
RT: 3.072 min Scan# 776
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 74 Resp: 9835
Ion Ratio Lower Upper
74 100
45 92.6 47.1 141.3





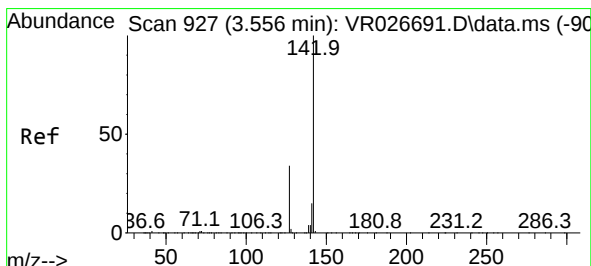
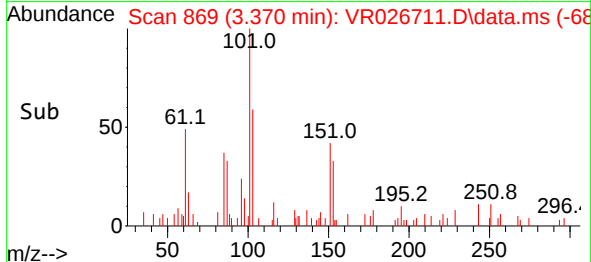
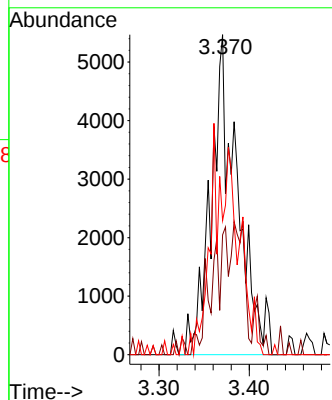
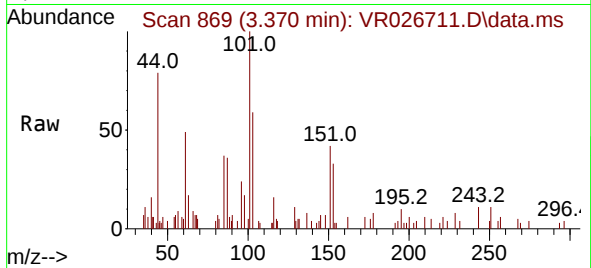
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.496 ug/l m
RT: 3.370 min Scan# 80
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 1099
Ion Ratio Lower Upper
101 100
85 9.7 34.5 51.7
151 11.4 53.4 80.0

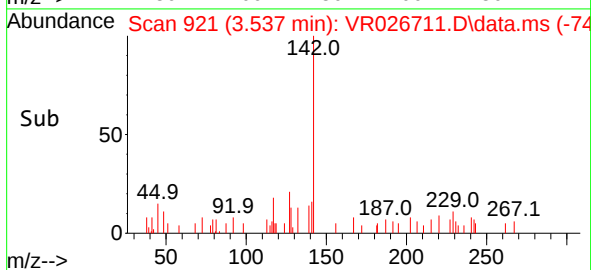
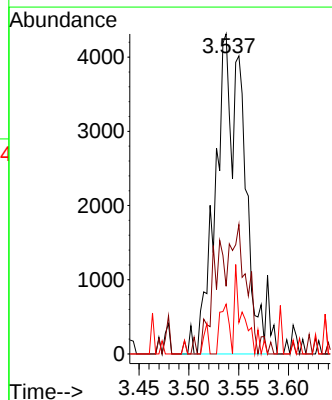
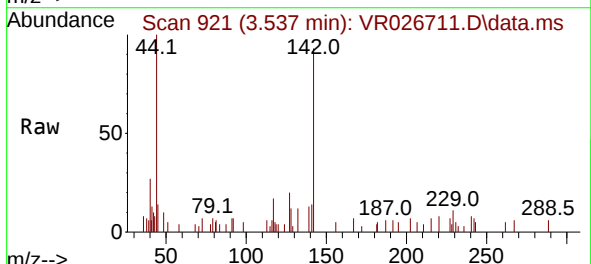
Manual Integrations
APPROVED

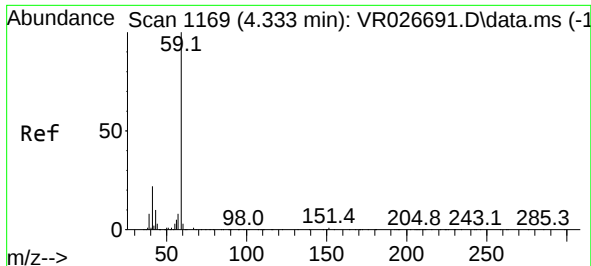
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#10
Methyl Iodide
Concen: 2.060 ug/l m
RT: 3.537 min Scan# 921
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

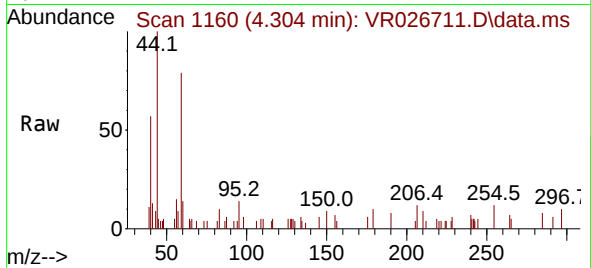
Tgt Ion:142 Resp: 8761
Ion Ratio Lower Upper
142 100
127 22.8 30.1 45.1#
141 7.3 10.8 16.2#





#11
Tert butyl alcohol
Concen: 13.503 ug/l m
RT: 4.304 min Scan# 1169
Delta R.T. -0.029 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

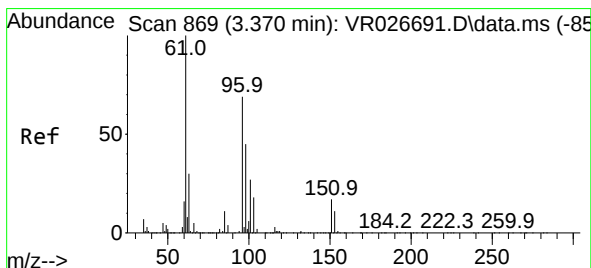
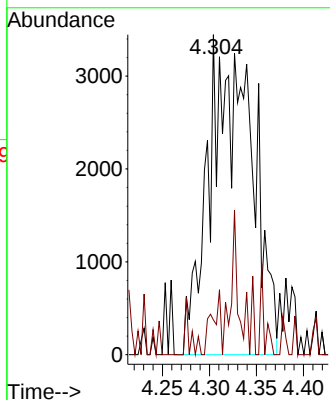
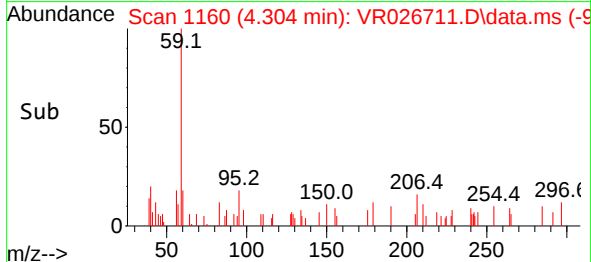
Instrument :
MSVOA_R
ClientSampleId :
MDL05



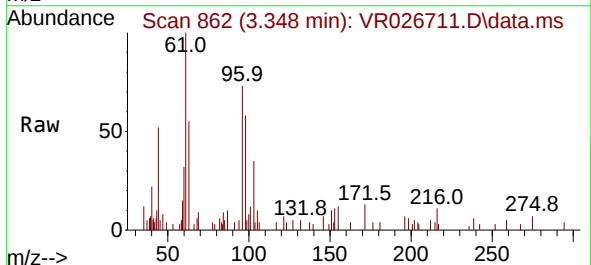
Tgt Ion: 59 Resp: 10945
Ion Ratio Lower Upper
59 100
57 7.0 7.7 11.5

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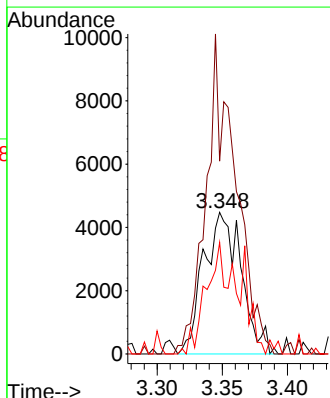
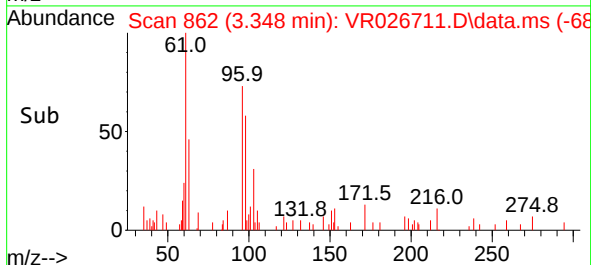
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

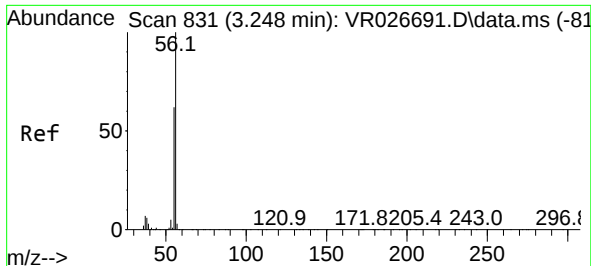


#12
1,1-Dichloroethene
Concen: 2.071 ug/l
RT: 3.348 min Scan# 862
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



Tgt Ion: 96 Resp: 9017
Ion Ratio Lower Upper
96 100
61 136.2 116.2 174.4
98 78.8 52.3 78.5





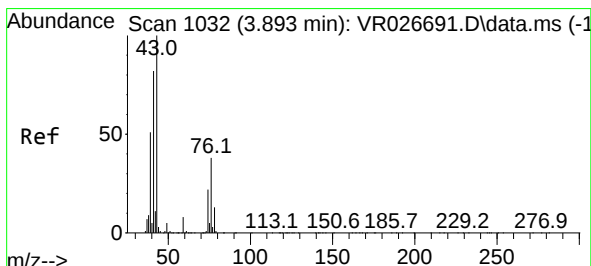
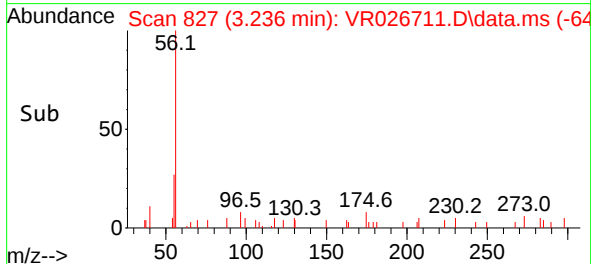
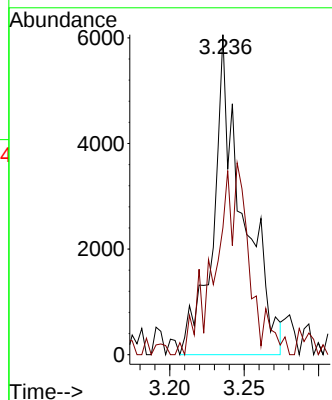
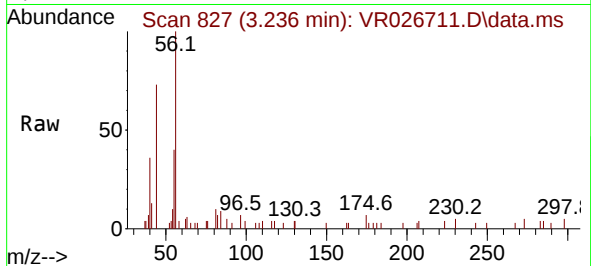
#13
Acrolein
Concen: 7.079 ug/l
RT: 3.236 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion: 56 Resp: 838
Ion Ratio Lower Upper
56 100
55 37.3 53.8 80.8

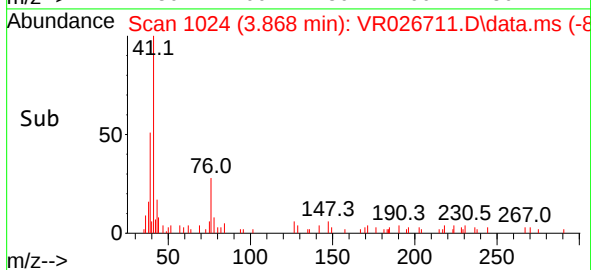
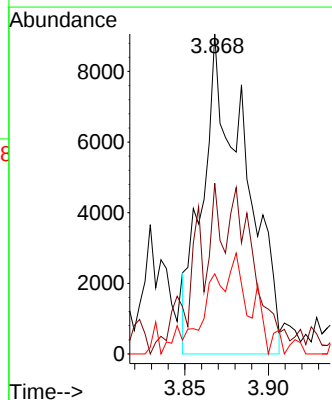
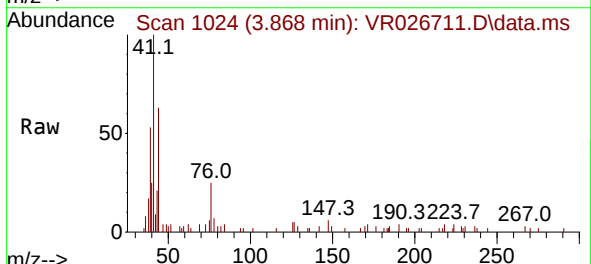
Manual Integrations
APPROVED

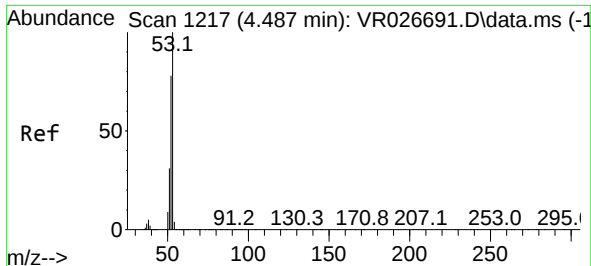
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#14
Allyl chloride
Concen: 1.892 ug/l m
RT: 3.868 min Scan# 1024
Delta R.T. -0.026 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

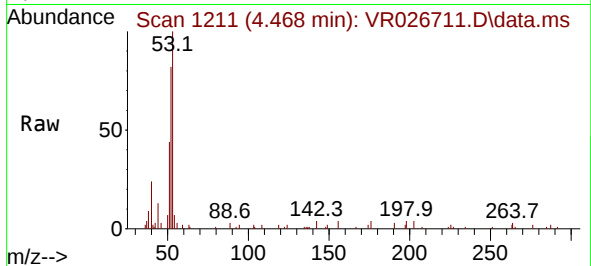
Tgt Ion: 41 Resp: 16205
Ion Ratio Lower Upper
41 100
39 14.8 44.2 66.2#
76 9.5 31.0 46.4#





#15
Acrylonitrile
Concen: 12.876 ug/l m
RT: 4.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

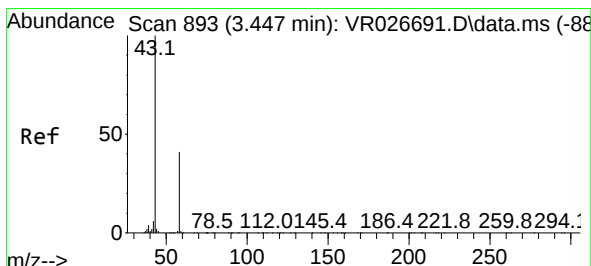
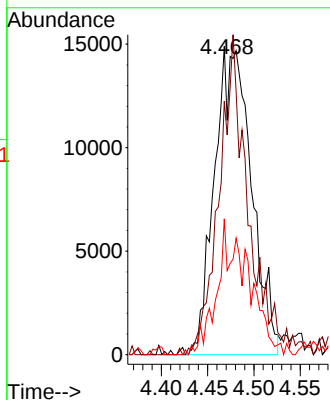
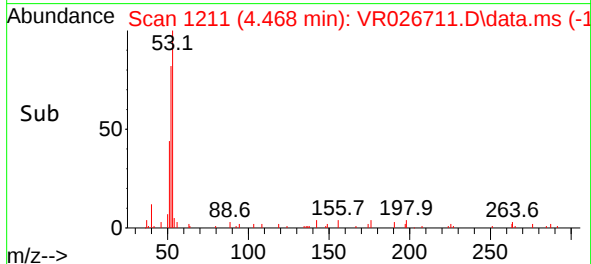
Instrument :
MSVOA_R
ClientSampleId :
MDL05



Tgt Ion: 53 Resp: 4142
Ion Ratio Lower Upper
53 100
52 0.0 61.4 92.2
51 15.5 25.8 38.6

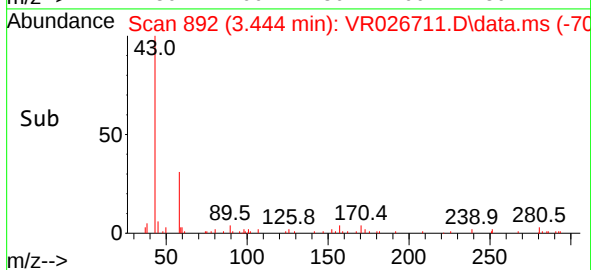
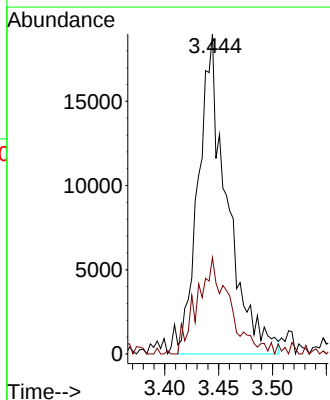
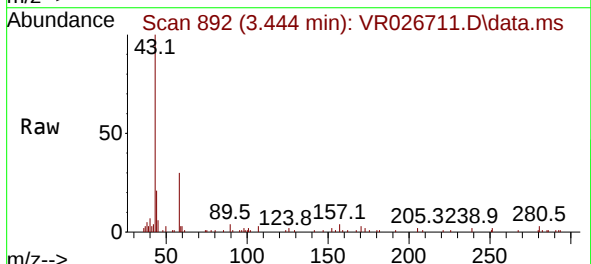
Manual Integrations
APPROVED

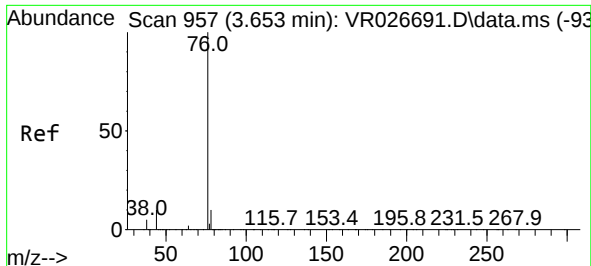
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#16
Acetone
Concen: 14.373 ug/l
RT: 3.444 min Scan# 892
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 34948
Ion Ratio Lower Upper
43 100
58 31.0 32.9 49.3





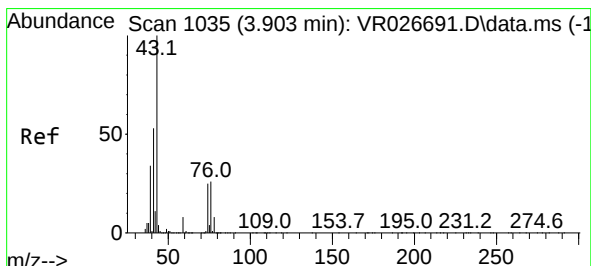
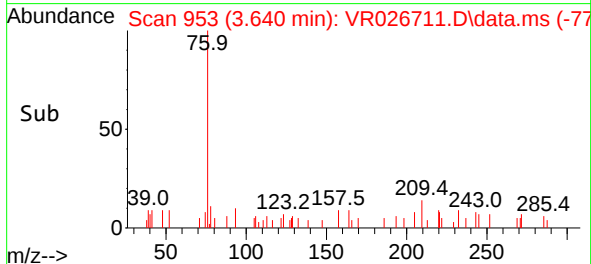
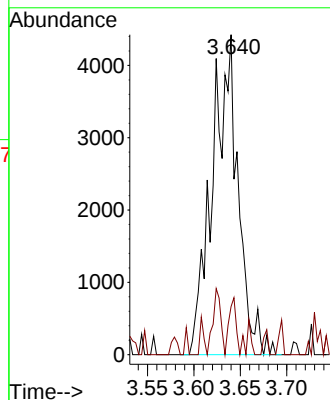
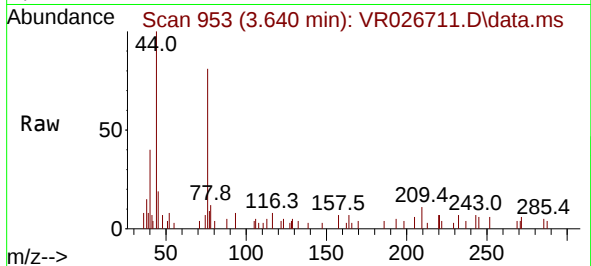
#17
Carbon Disulfide
Concen: 1.321 ug/l m
RT: 3.640 min Scan# 91
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion: 76 Resp: 8514
Ion Ratio Lower Upper
76 100
78 15.0 7.8 11.6

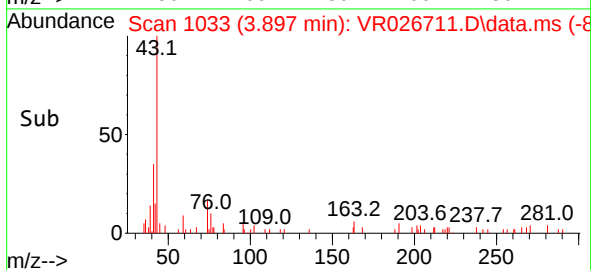
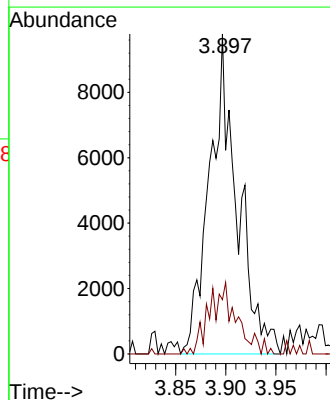
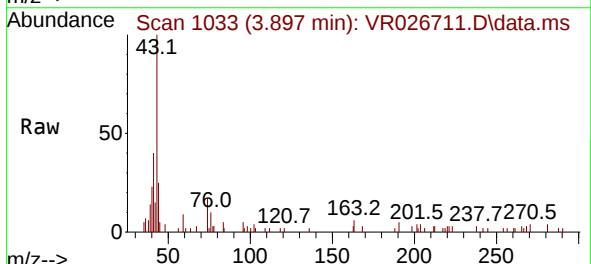
Manual Integrations
APPROVED

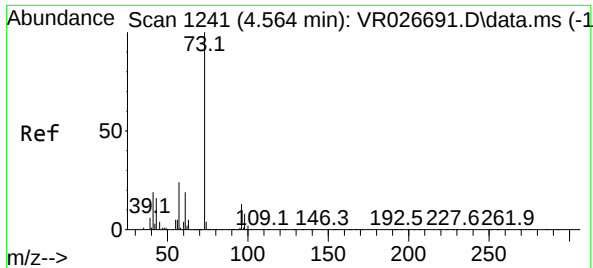
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#18
Methyl Acetate
Concen: 1.861 ug/l m
RT: 3.897 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

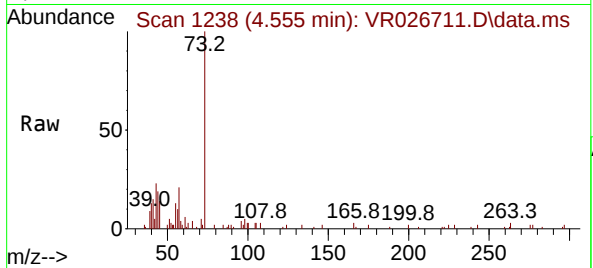
Tgt Ion: 43 Resp: 18881
Ion Ratio Lower Upper
43 100
74 10.2 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 2.205 ug/l m
RT: 4.555 min Scan# 11
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

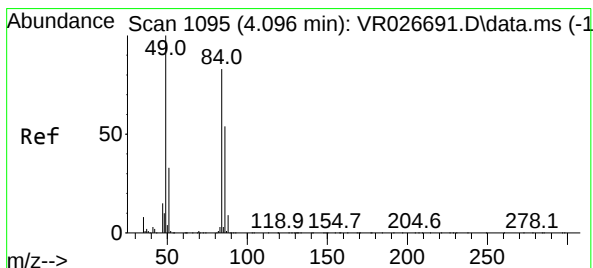
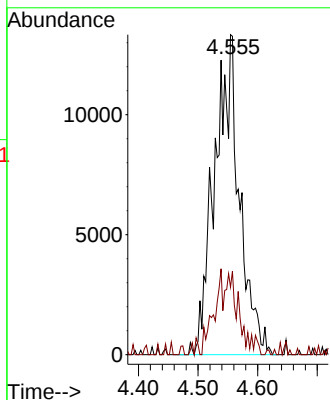
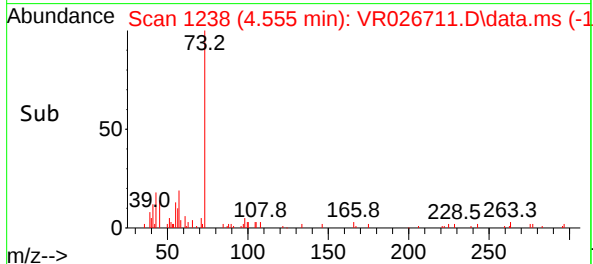
Instrument :
MSVOA_R
ClientSampleId :
MDL05



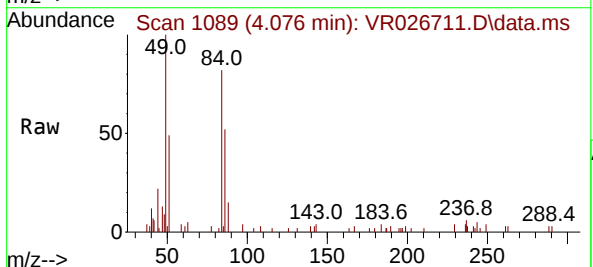
Tgt Ion: 73 Resp: 3842
Ion Ratio Lower Upper
73 100
57 21.1 19.4 29.0

Manual Integrations
APPROVED

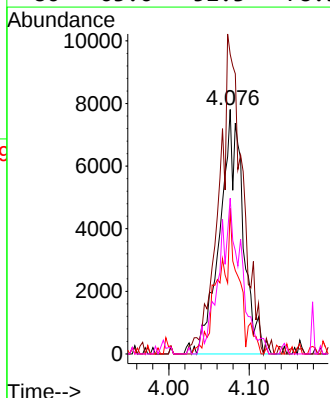
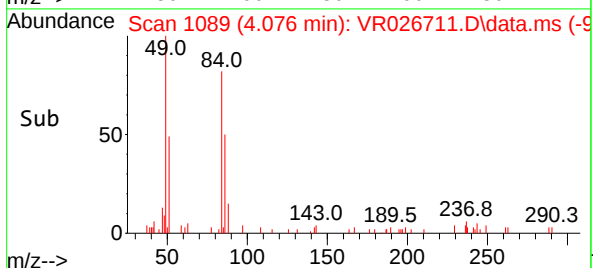
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

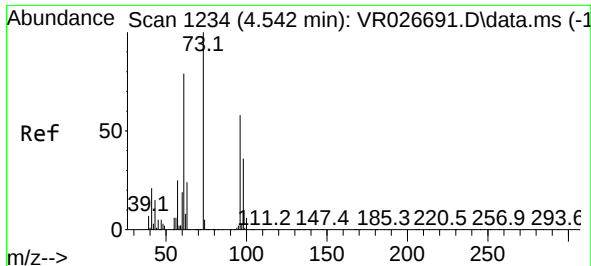


#20
Methylene Chloride
Concen: 2.737 ug/l m
RT: 4.076 min Scan# 1089
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



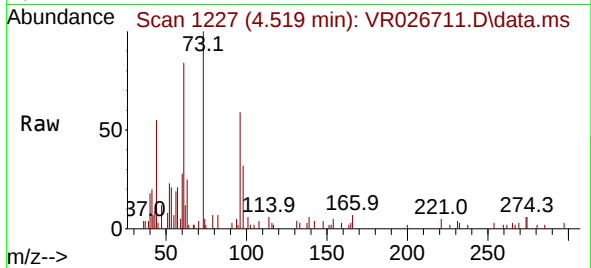
Tgt Ion: 84 Resp: 15791
Ion Ratio Lower Upper
84 100
49 122.5 96.2 144.4
51 59.5 31.8 47.6#
86 63.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 2.127 ug/l m
RT: 4.519 min Scan# 1227
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

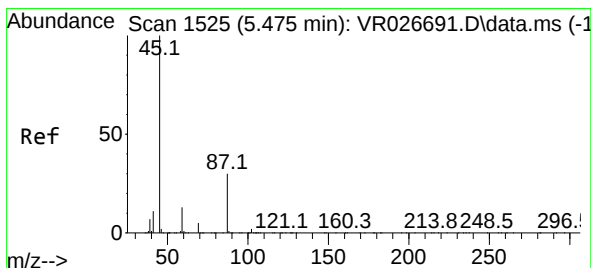
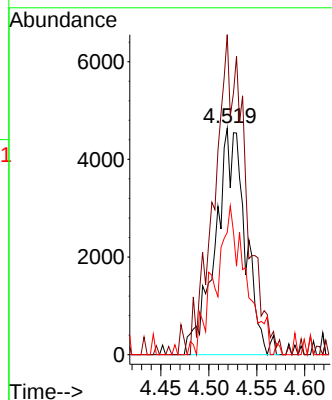
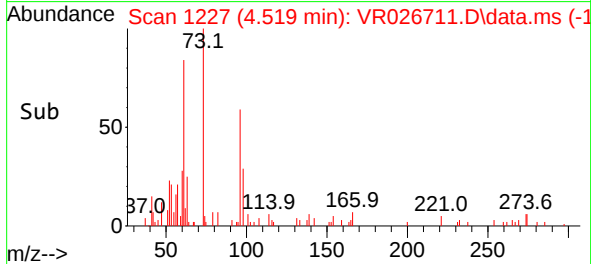
Instrument : MSVOA_R
ClientSampleId : MDL05



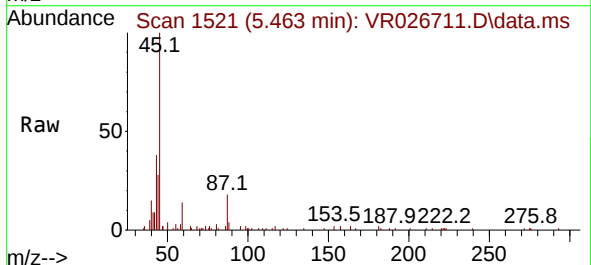
Tgt Ion: 96 Resp: 10179
Ion Ratio Lower Upper
96 100
61 141.4 110.3 165.5
98 54.0 50.2 75.4

Manual Integrations
APPROVED

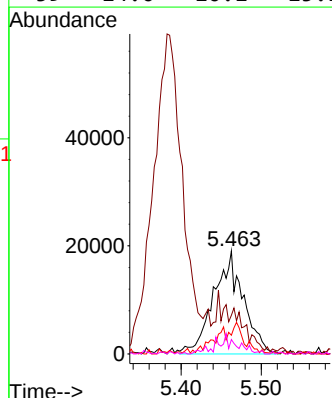
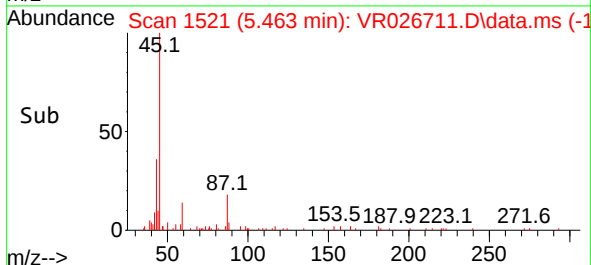
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

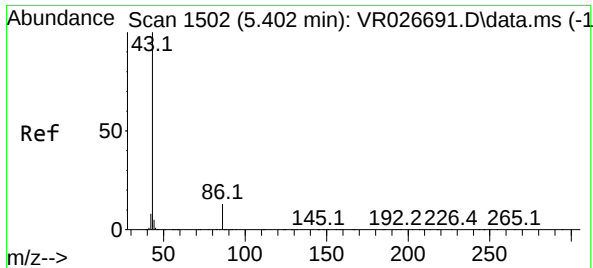


#22
Diisopropyl ether
Concen: 2.451 ug/l
RT: 5.463 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



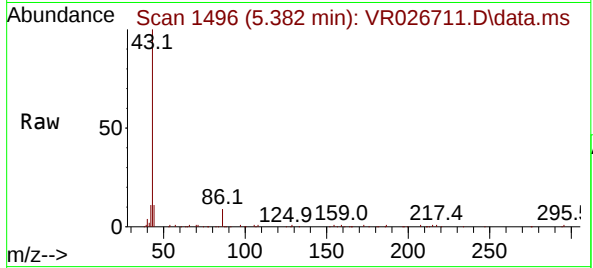
Tgt Ion: 45 Resp: 49208
Ion Ratio Lower Upper
45 100
43 32.5 38.2 57.2#
87 17.3 24.0 36.0#
59 14.0 10.1 15.1





#23
 Vinyl Acetate
 Concen: 13.190 ug/l
 RT: 5.382 min Scan# 1496
 Delta R.T. -0.019 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

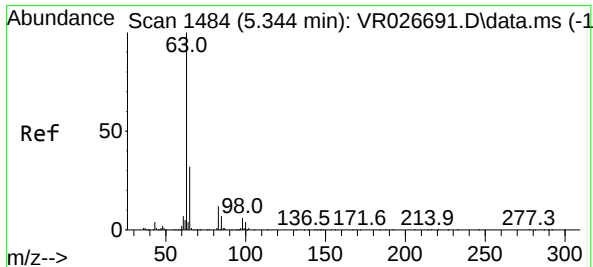
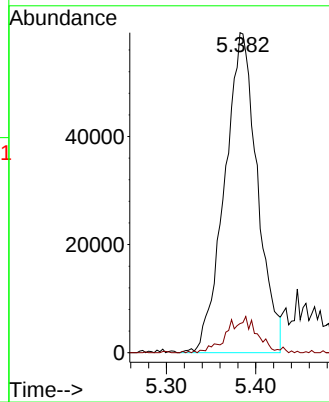
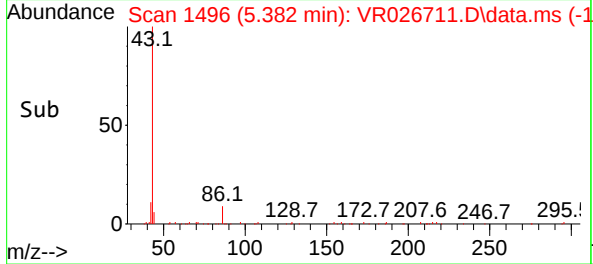
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL05



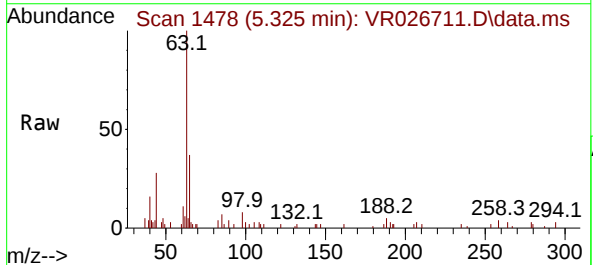
Tgt Ion: 43 Resp: 15096
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.7 16.1

Manual Integrations
 APPROVED

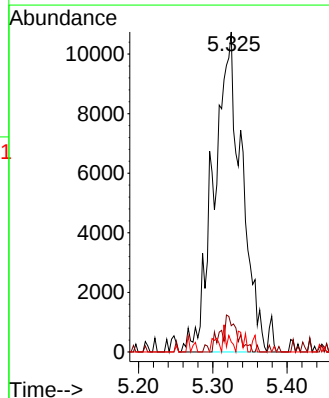
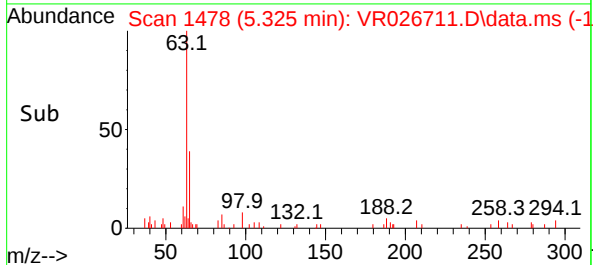
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

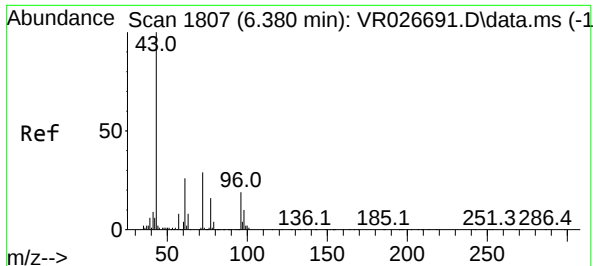


#24
 1,1-Dichloroethane
 Concen: 2.783 ug/l m
 RT: 5.325 min Scan# 1478
 Delta R.T. -0.019 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08



Tgt Ion: 63 Resp: 28290
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.9 8.8
 100 3.2 1.8 5.4





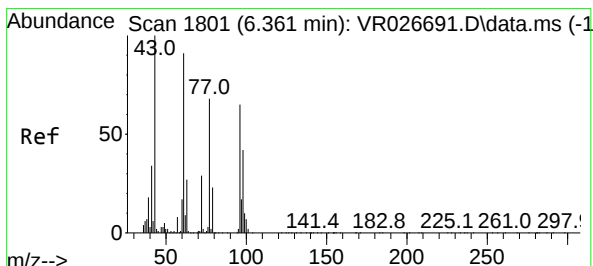
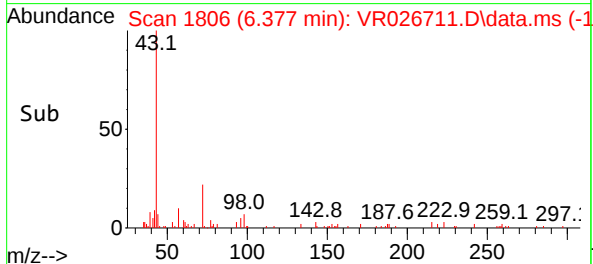
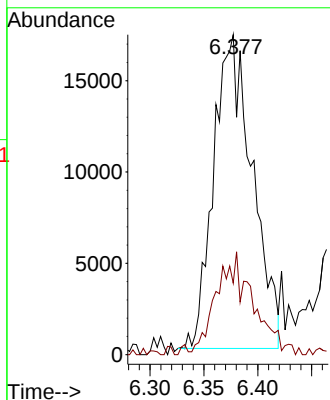
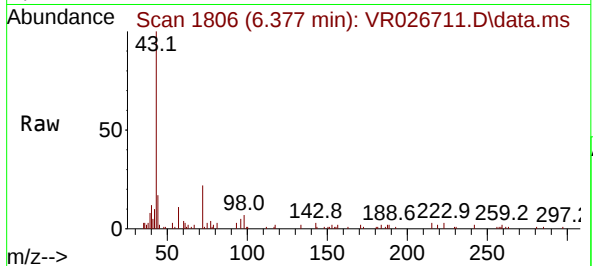
#25
2-Butanone
Concen: 11.412 ug/l
RT: 6.377 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 42940
Ion Ratio Lower Upper
43 100
72 22.8 23.1 34.7

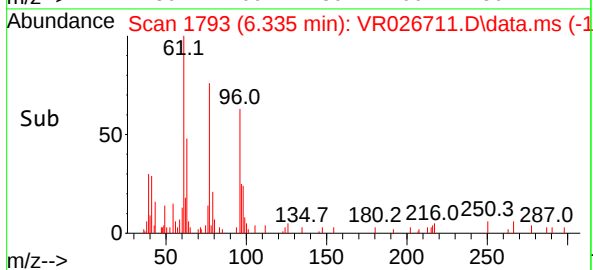
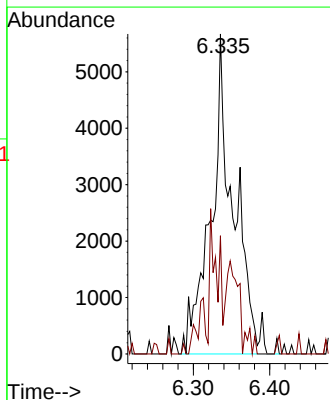
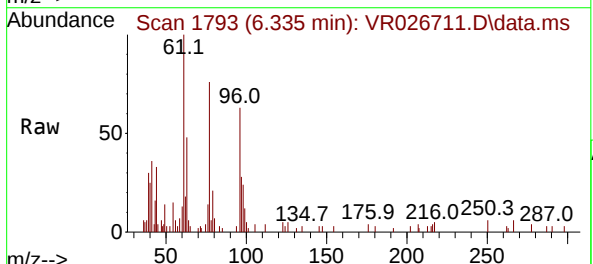
Manual Integrations
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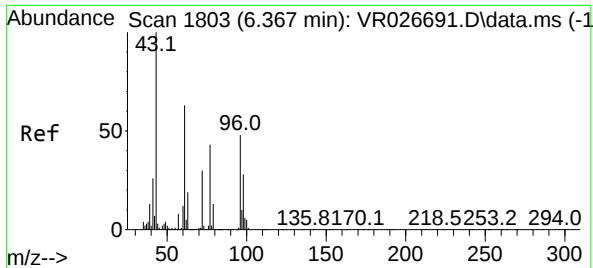
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#26
2,2-Dichloropropane
Concen: 1.661 ug/l m
RT: 6.335 min Scan# 1793
Delta R.T. -0.026 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 77 Resp: 11671
Ion Ratio Lower Upper
77 100
97 14.6 12.3 36.8





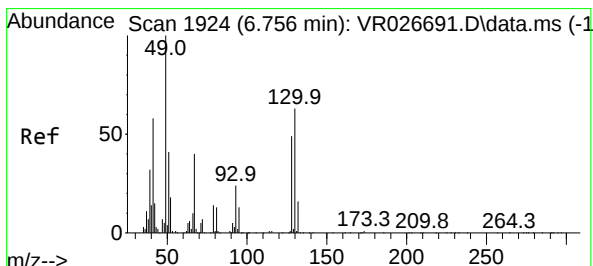
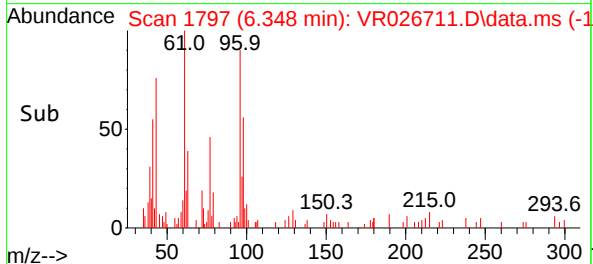
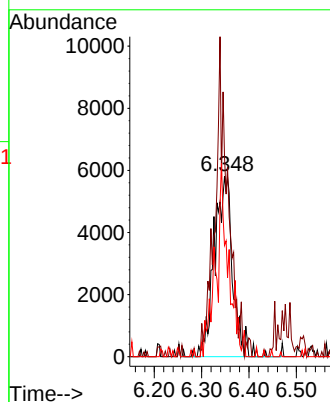
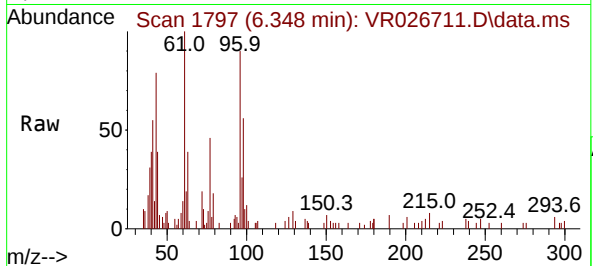
#27
 cis-1,2-Dichloroethene
 Concen: 2.529 ug/l m
 RT: 6.348 min Scan# 1
 Delta R.T. -0.019 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL05

Tgt Ion: 96 Resp: 1557
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 279.8
 98 26.5 0.0 125.2

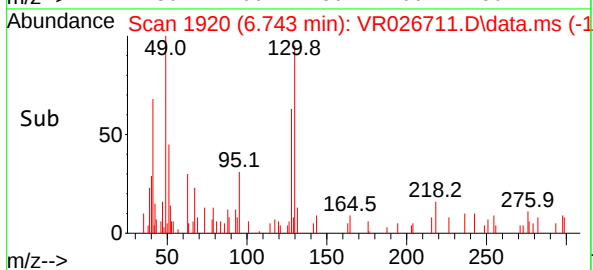
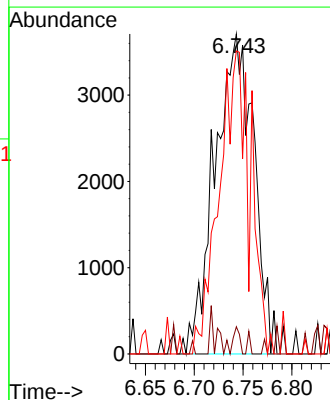
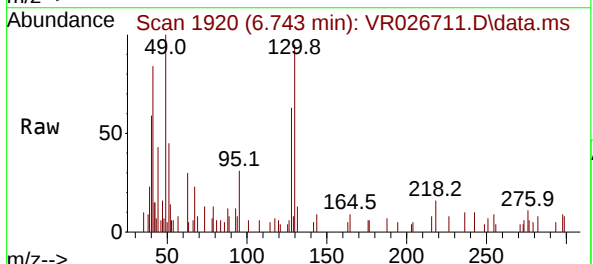
Manual Integrations
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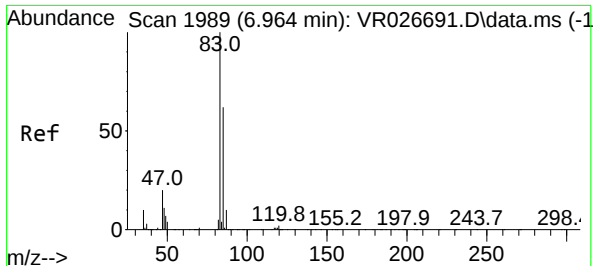
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025



#28
 Bromochloromethane
 Concen: 2.801 ug/l
 RT: 6.743 min Scan# 1920
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Tgt Ion: 49 Resp: 10260
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 62.7 52.2 78.4





#29

Chloroform

Concen: 2.443 ug/l m

RT: 6.945 min Scan# 1989

Delta R.T. -0.019 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 2151

Ion Ratio Lower Upper

83 100

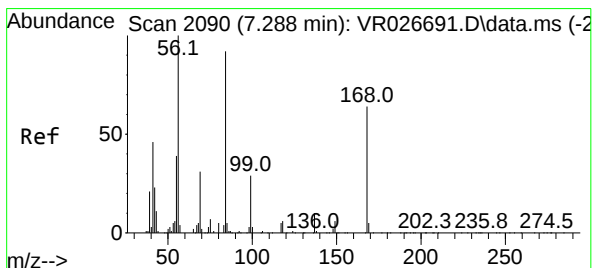
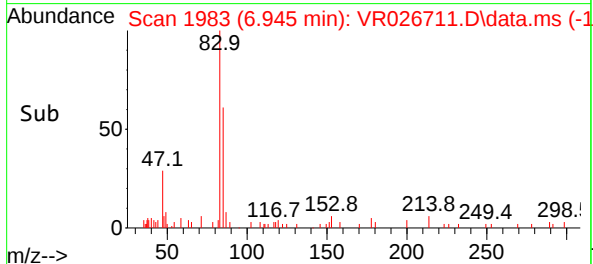
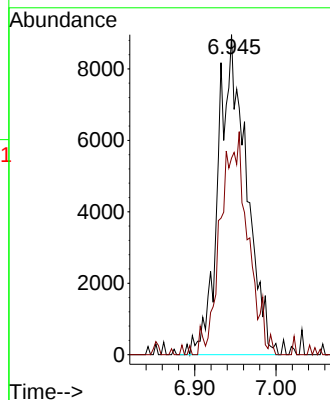
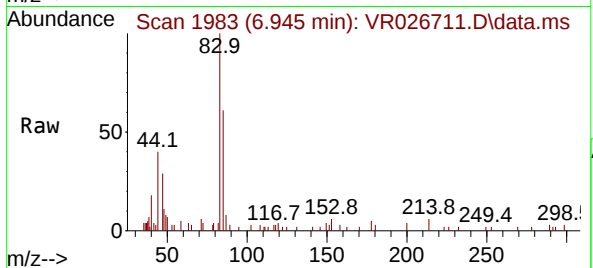
85 61.4 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#30

Cyclohexane

Concen: 3.090 ug/l m

RT: 7.279 min Scan# 2087

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

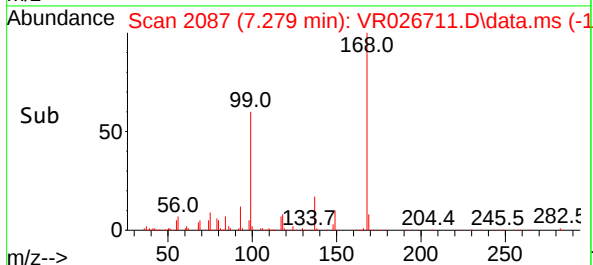
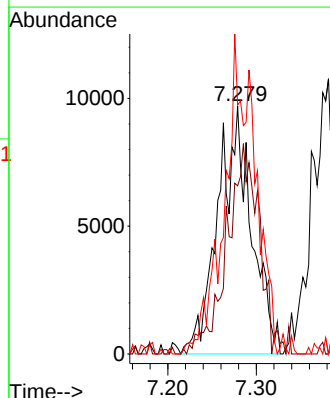
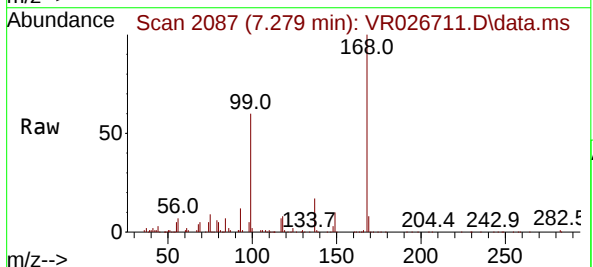
Tgt Ion: 56 Resp: 25363

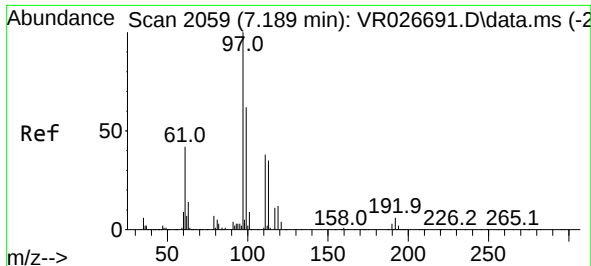
Ion Ratio Lower Upper

56 100

69 67.8 24.8 37.2

84 100.4 73.1 109.7





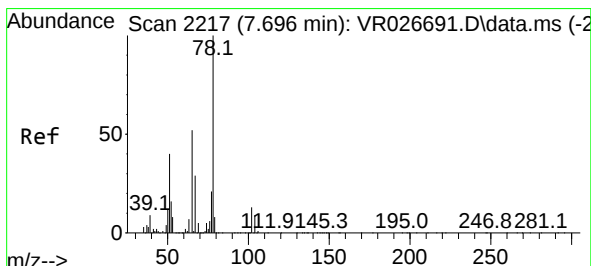
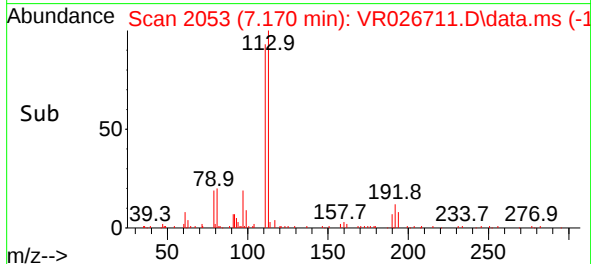
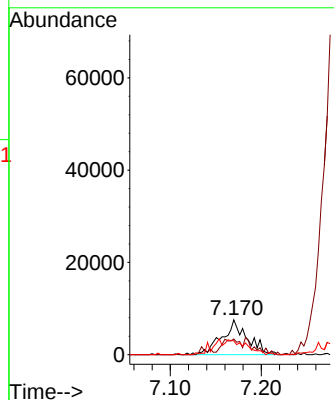
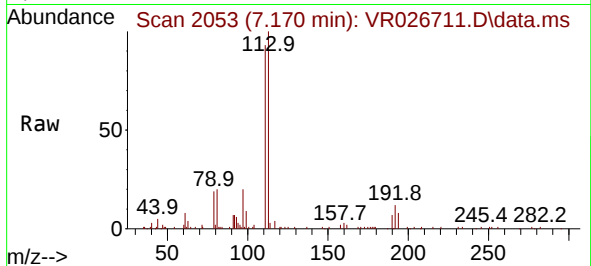
#31
1,1,1-Trichloroethane
Concen: 2.295 ug/l m
RT: 7.170 min Scan# 2059
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 14590
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6
61 32.6 36.3 54.5

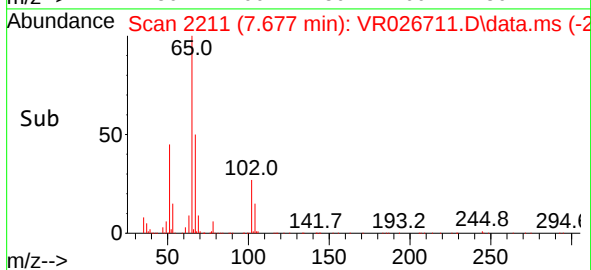
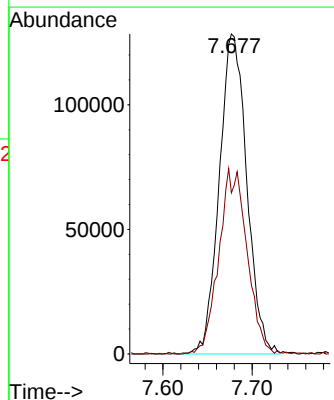
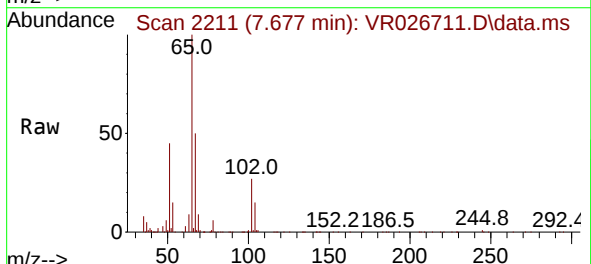
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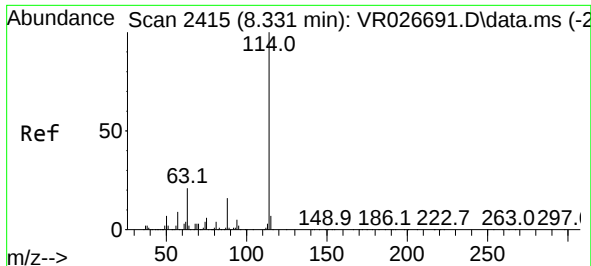
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#32
1,2-Dichloroethane-d4
Concen: 53.055 ug/l
RT: 7.677 min Scan# 2211
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 65 Resp: 274851
Ion Ratio Lower Upper
65 100
67 29.0 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.319 min Scan# 2415

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

MDL05

Tgt Ion:114 Resp: 770899

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

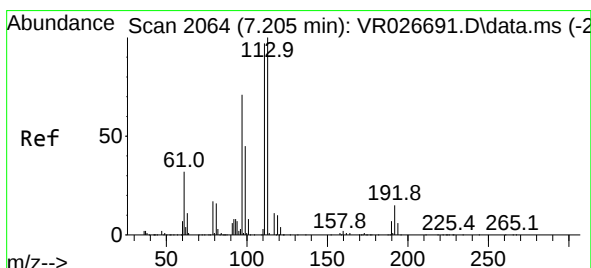
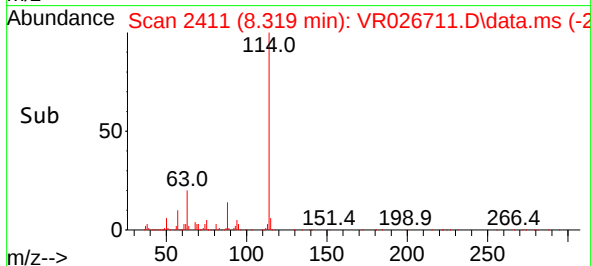
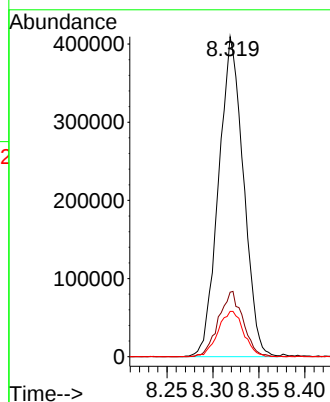
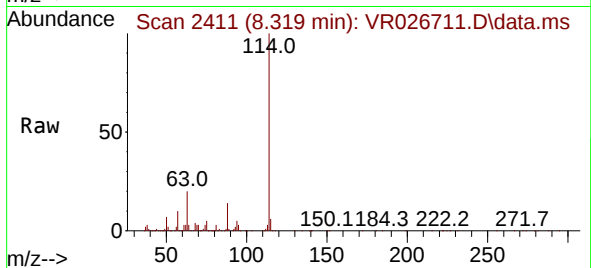
88 14.2 0.0 32.6

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Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#34

Dibromofluoromethane

Concen: 46.554 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

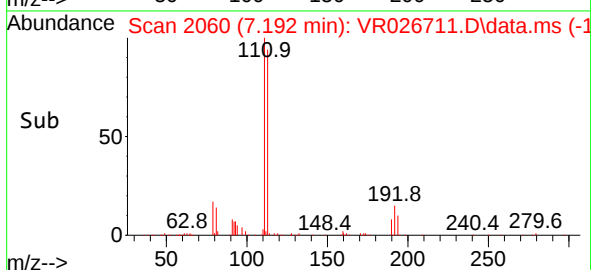
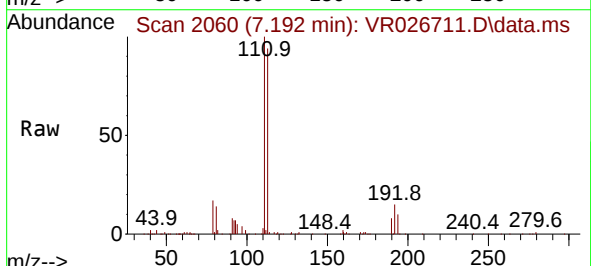
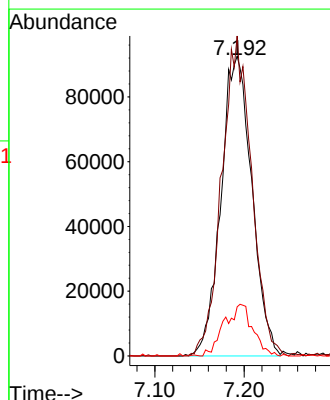
Tgt Ion:113 Resp: 221972

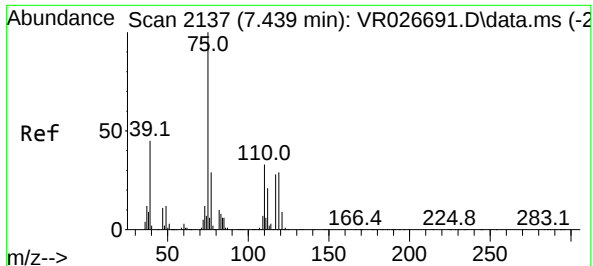
Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

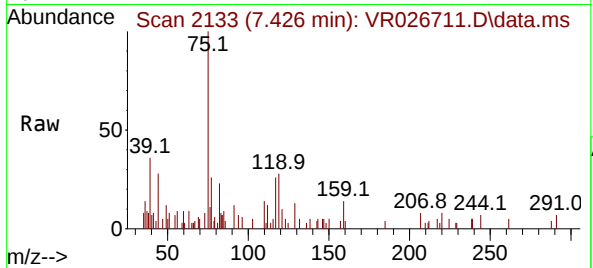
192 9.3 12.3 18.5#





#35
1,1-Dichloropropene
Concen: 2.018 ug/l
RT: 7.426 min Scan# 2136
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

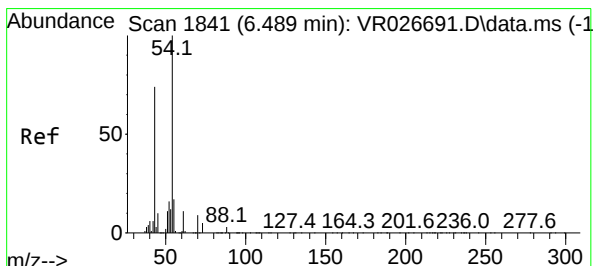
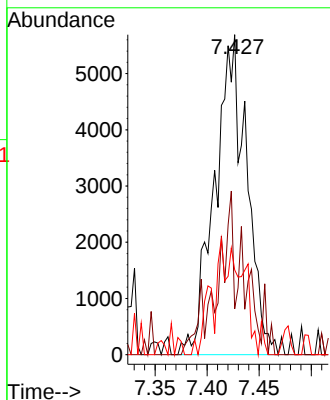
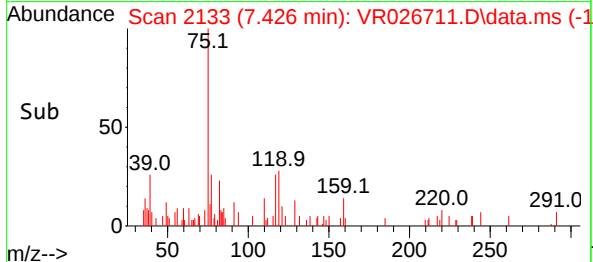
Instrument : MSVOA_R
ClientSampleId : MDL05



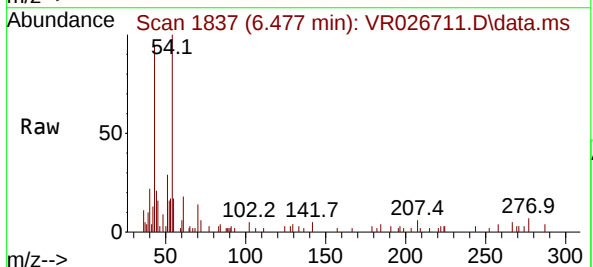
Tgt Ion: 75 Resp: 12136
Ion Ratio Lower Upper
75 100
110 22.7 17.0 50.9
77 7.8 24.6 37.0

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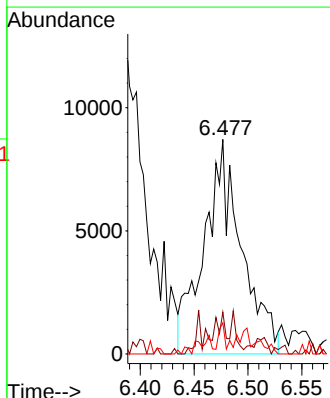
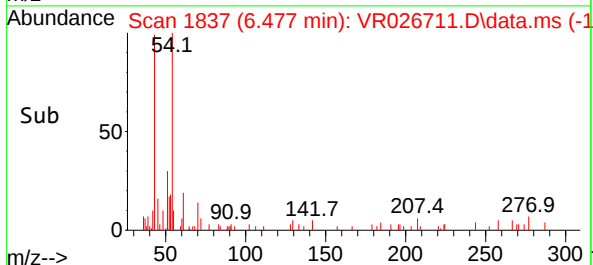
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

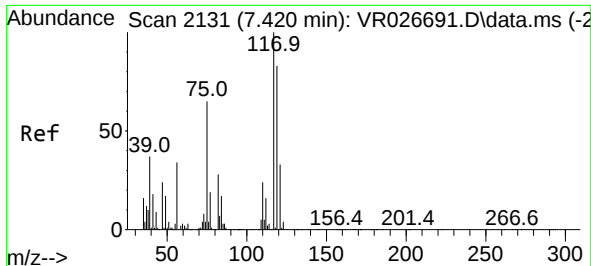


#36
Ethyl Acetate
Concen: 2.920 ug/l
RT: 6.477 min Scan# 1837
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



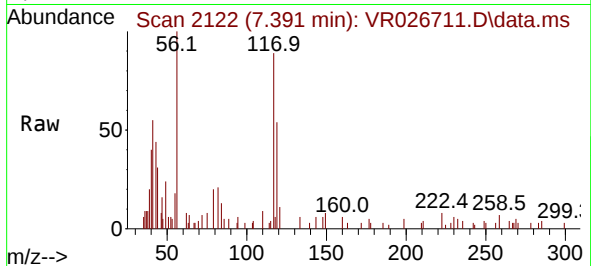
Tgt Ion: 43 Resp: 21028
Ion Ratio Lower Upper
43 100
61 5.3 12.0 18.0#
70 3.0 9.0 13.6#





#37
Carbon Tetrachloride
Concen: 1.974 ug/l m
RT: 7.391 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

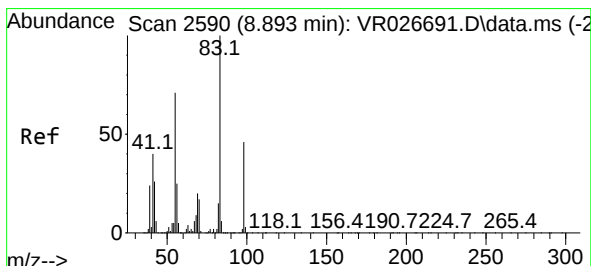
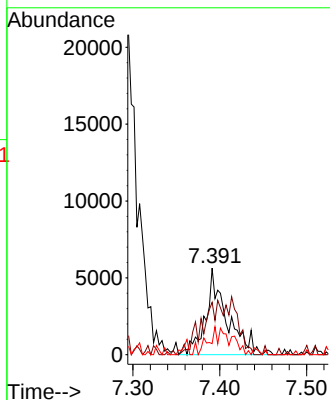
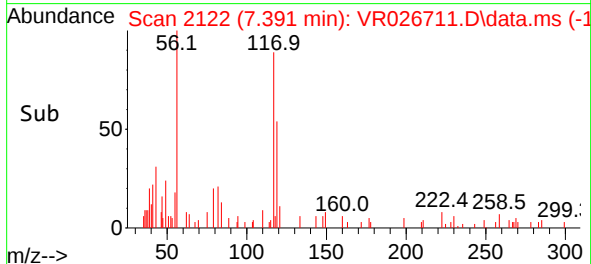
Instrument : MSVOA_R
ClientSampleId : MDL05



Tgt Ion: 117 Resp: 9670
Ion Ratio Lower Upper
117 100
119 60.5 67.0 100.4
121 12.8 26.3 39.5

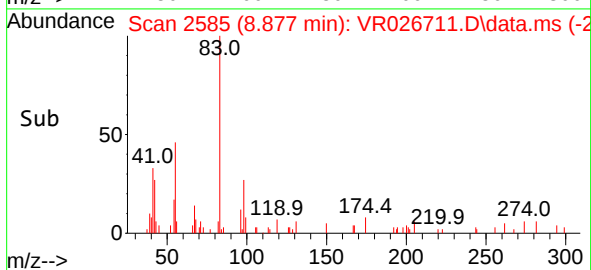
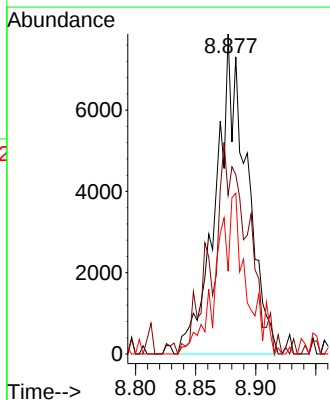
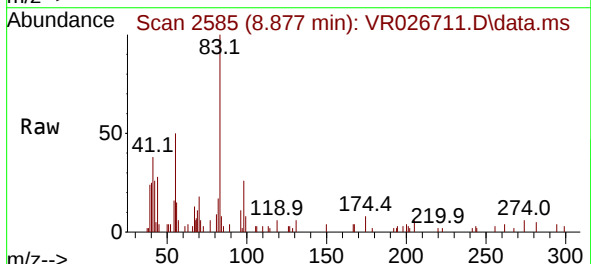
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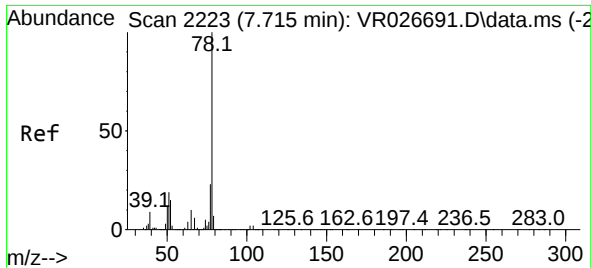
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#38
Methylcyclohexane
Concen: 2.050 ug/l
RT: 8.877 min Scan# 2585
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 83 Resp: 14116
Ion Ratio Lower Upper
83 100
55 49.6 56.7 85.1#
98 25.9 36.7 55.1#





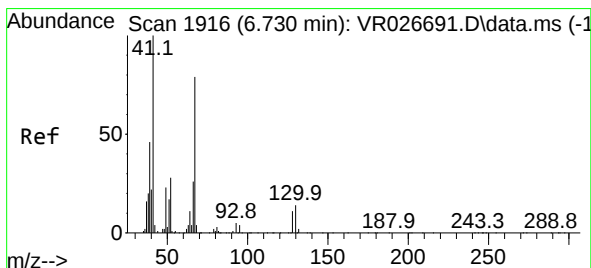
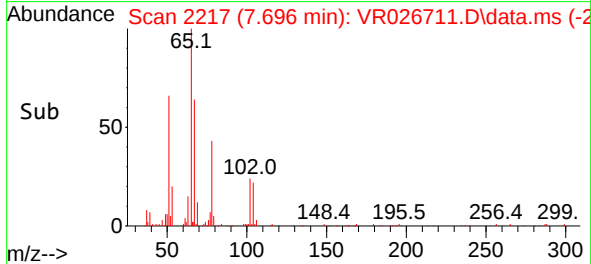
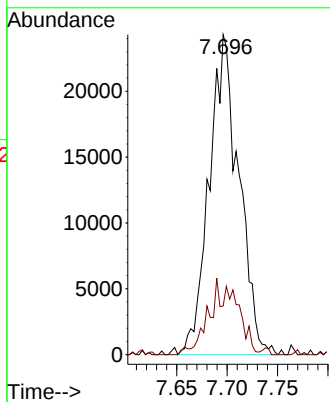
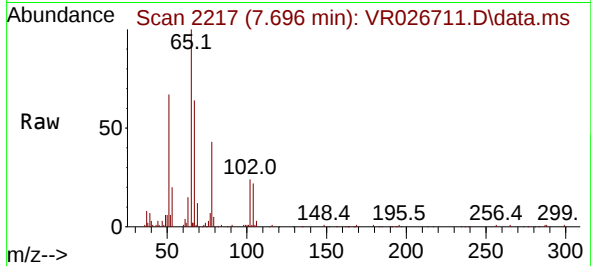
#39
Benzene
Concen: 2.304 ug/l
RT: 7.696 min Scan# 2110
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 78 Resp: 4990
Ion Ratio Lower Upper
78 100
77 15.2 18.8 28.2

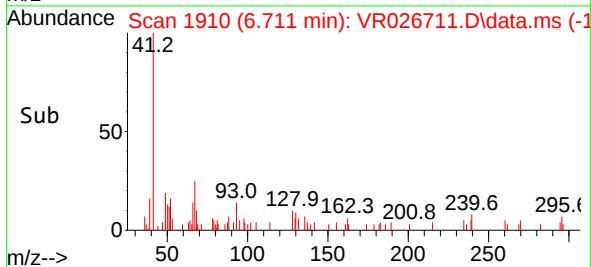
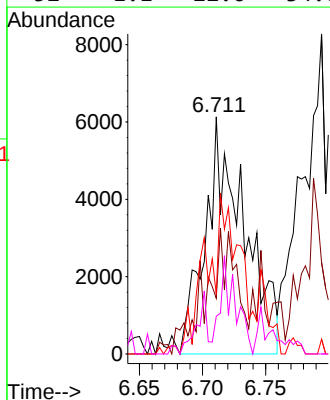
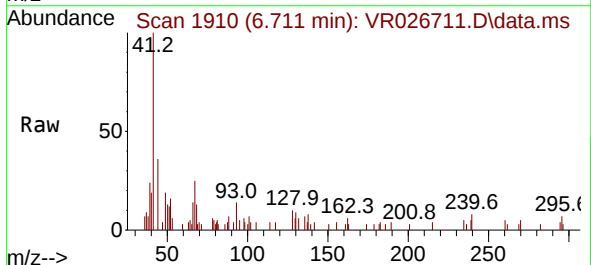
Manual Integrations
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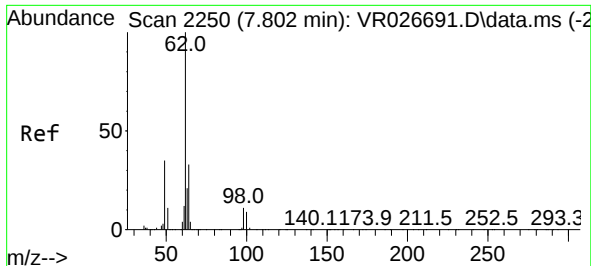
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#40
Methacrylonitrile
Concen: 2.932 ug/l m
RT: 6.711 min Scan# 1910
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 41 Resp: 13123
Ion Ratio Lower Upper
41 100
39 1.9 42.4 63.6#
67 2.3 65.6 98.4#
52 1.1 22.6 34.0#





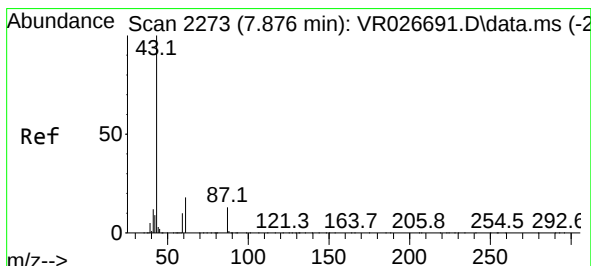
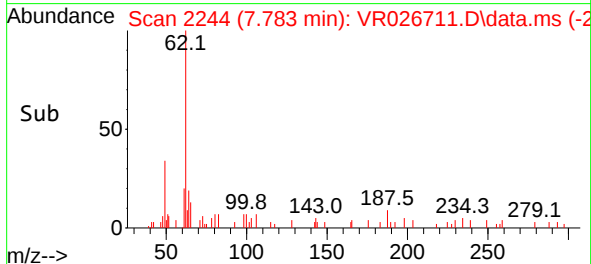
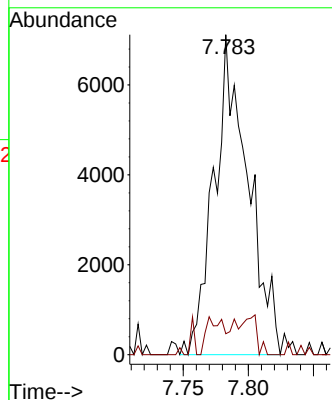
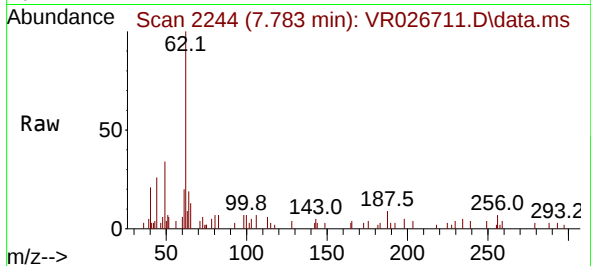
#41
1,2-Dichloroethane
Concen: 2.334 ug/l
RT: 7.783 min Scan# 2126
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 62 Resp: 1286
Ion Ratio Lower Upper
62 100
98 5.8 0.0 22.2

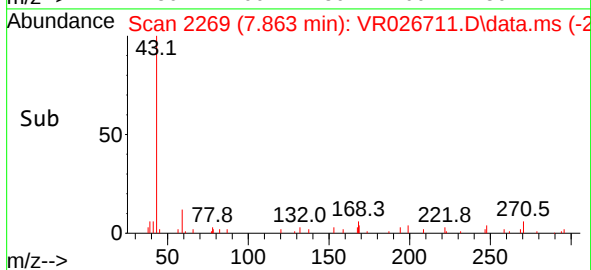
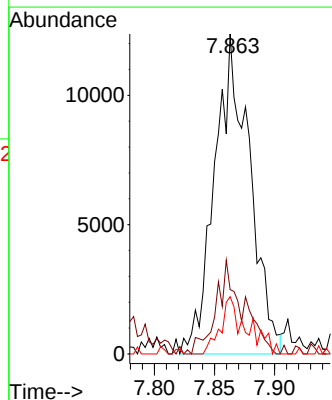
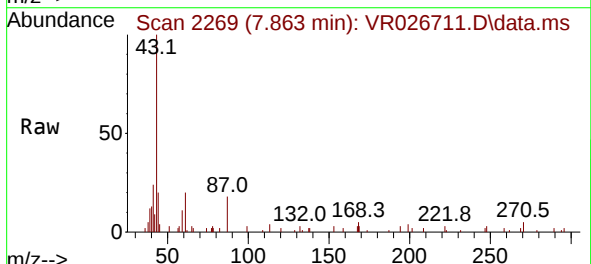
Manual Integrations
APPROVED

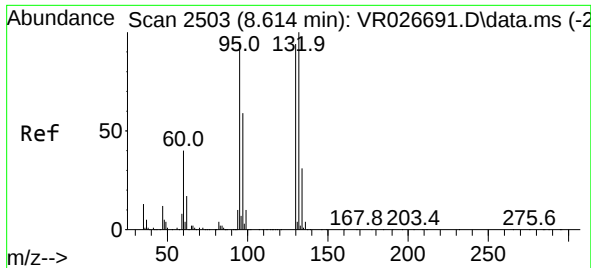
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#42
Isopropyl Acetate
Concen: 2.167 ug/l
RT: 7.863 min Scan# 2269
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

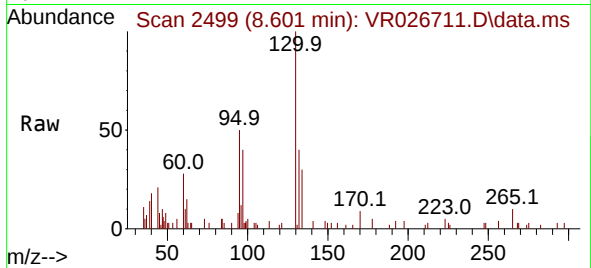
Tgt Ion: 43 Resp: 25088
Ion Ratio Lower Upper
43 100
61 16.4 17.9 26.9#
87 9.9 10.8 16.2#





#43
 Trichloroethene
 Concen: 2.251 ug/l
 RT: 8.601 min Scan# 2499
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

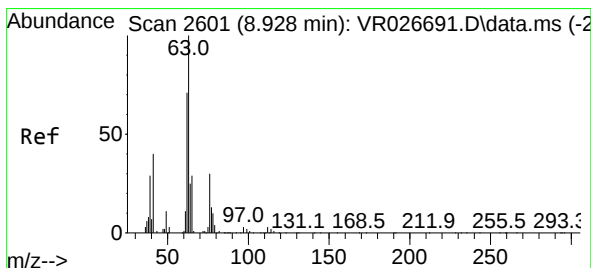
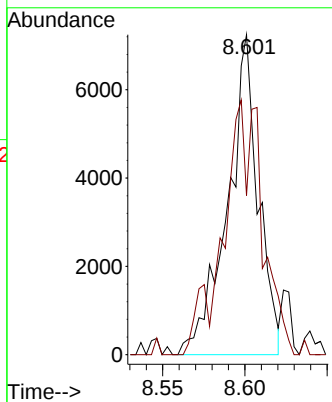
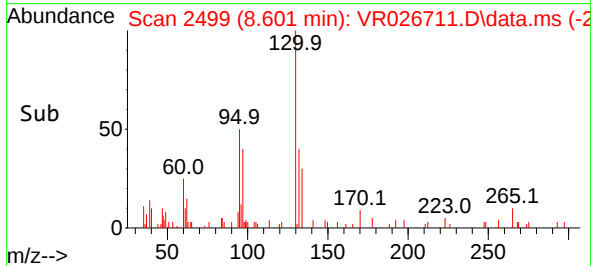
Instrument : MSVOA_R
 ClientSampleId : MDL05



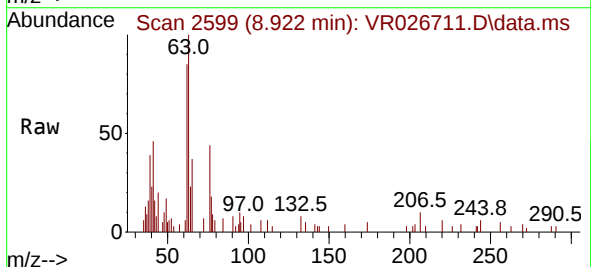
Tgt Ion:130 Resp: 9378
 Ion Ratio Lower Upper
 130 100
 95 49.8 0.0 200.6

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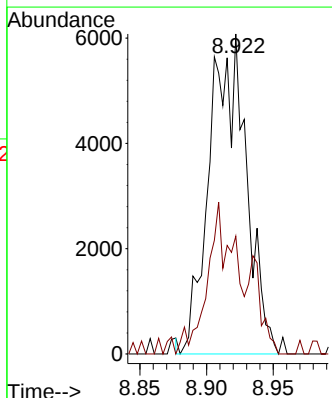
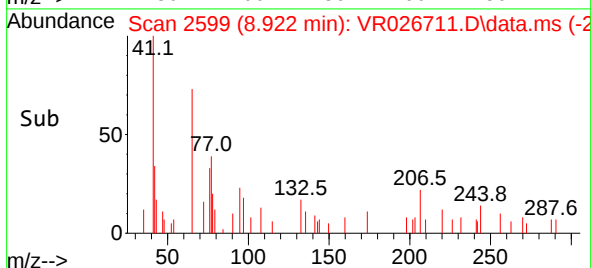
Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

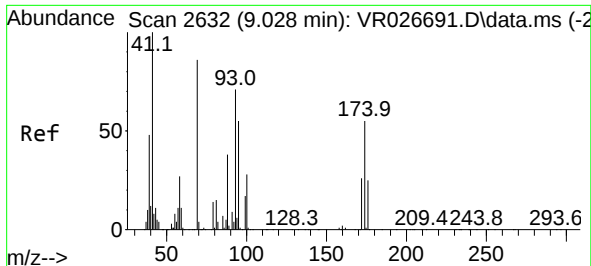


#44
 1,2-Dichloropropane
 Concen: 2.268 ug/l m
 RT: 8.922 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08



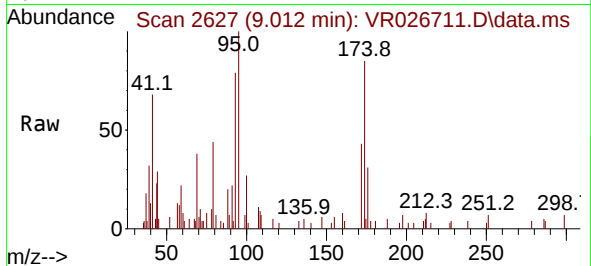
Tgt Ion: 63 Resp: 11627
 Ion Ratio Lower Upper
 63 100
 65 36.8 23.8 35.8#





#45
Dibromomethane
Concen: 2.545 ug/l m
RT: 9.012 min Scan# 2632
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

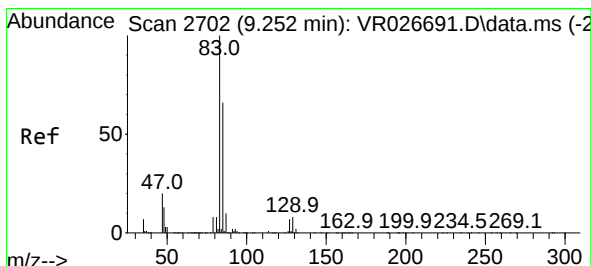
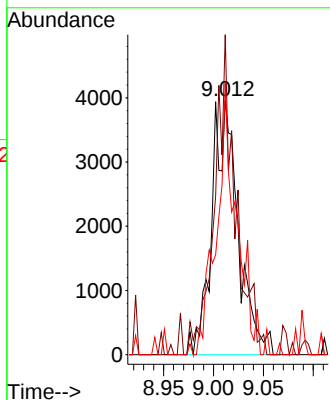
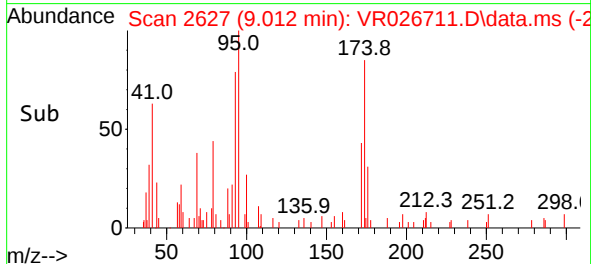
Instrument :
MSVOA_R
ClientSampleId :
MDL05



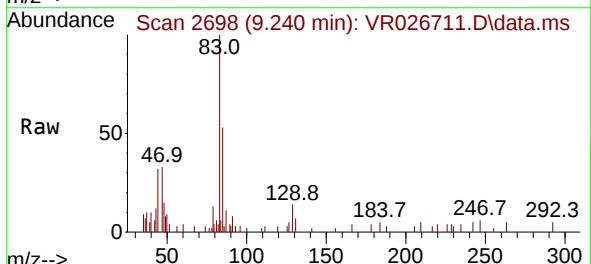
Tgt Ion: 93 Resp: 7254
Ion Ratio Lower Upper
93 100
95 99.9 69.4 104.0
174 81.9 66.9 100.3

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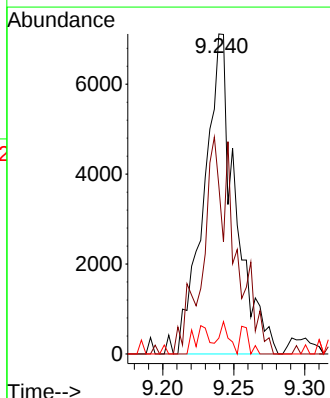
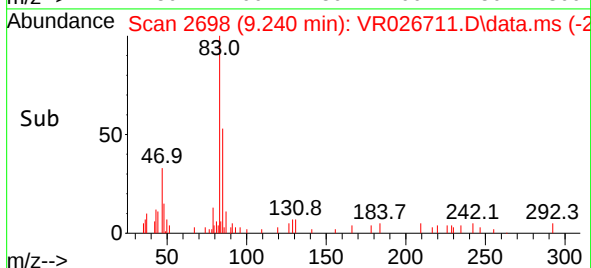
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

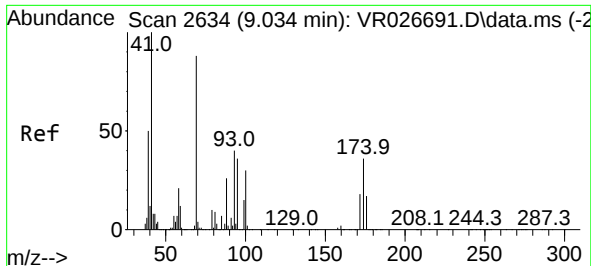


#46
Bromodichloromethane
Concen: 1.979 ug/l
RT: 9.240 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



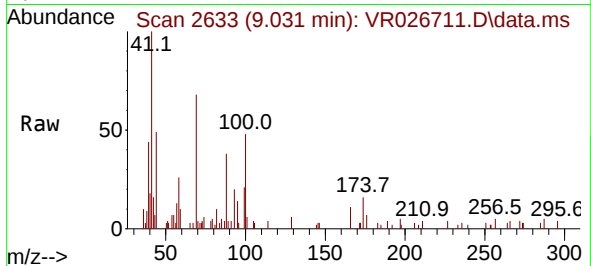
Tgt Ion: 83 Resp: 10931
Ion Ratio Lower Upper
83 100
85 52.6 52.6 78.8
127 5.0 5.5 8.3





#47
Methyl methacrylate
Concen: 2.399 ug/l m
RT: 9.031 min Scan# 2633
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

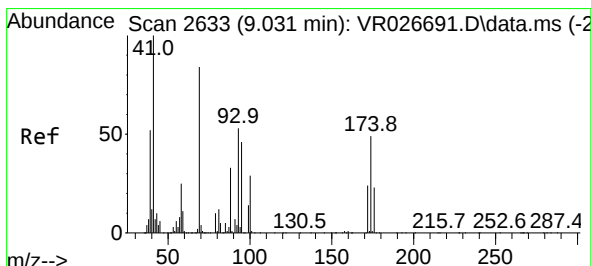
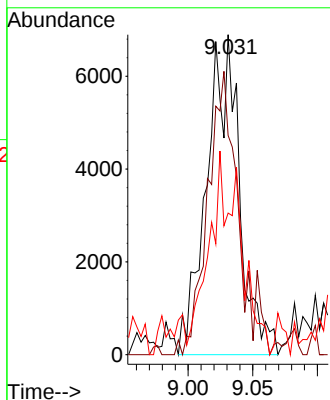
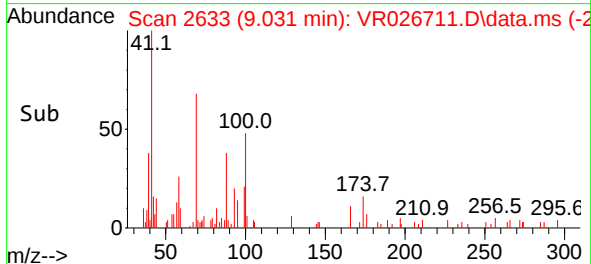
Instrument : MSVOA_R
ClientSampleId : MDL05



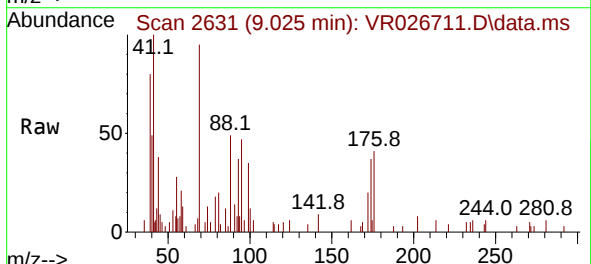
Tgt Ion: 41 Resp: 12150
Ion Ratio Lower Upper
41 100
69 77.1 69.8 104.6
39 36.3 39.4 59.2

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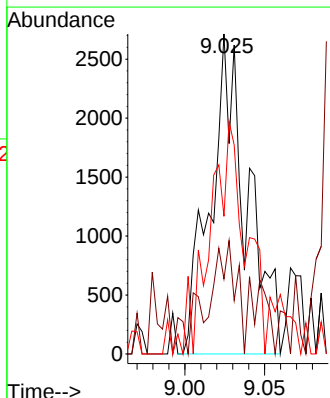
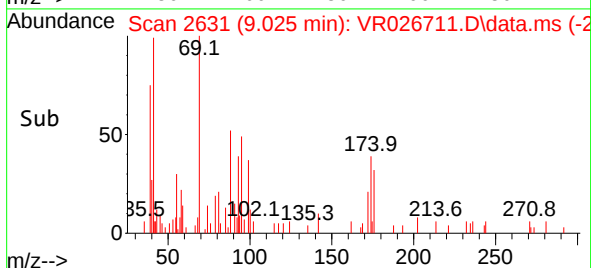
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

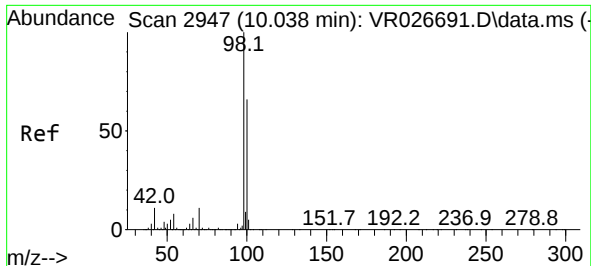


#48
1,4-Dioxane
Concen: 52.785 ug/l m
RT: 9.025 min Scan# 2631
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



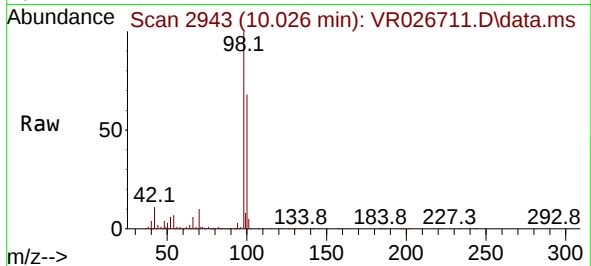
Tgt Ion: 88 Resp: 4309
Ion Ratio Lower Upper
88 100
43 20.6 25.2 37.8#
58 57.9 60.8 91.2#





#49
Toluene-d8
Concen: 53.388 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

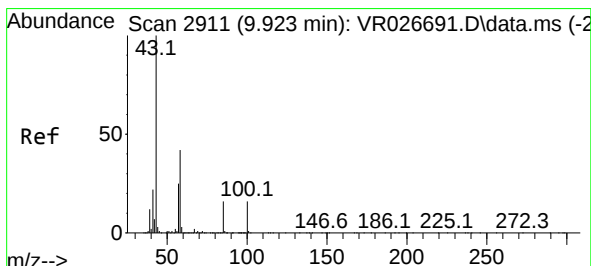
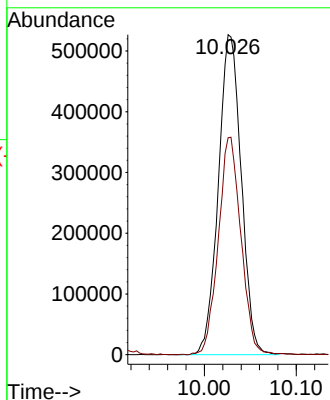
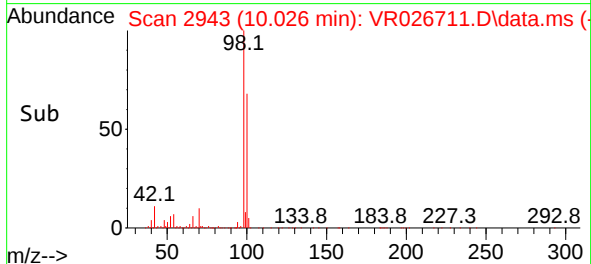
Instrument : MSVOA_R
ClientSampleId : MDL05



Tgt Ion: 98 Resp: 911992
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9

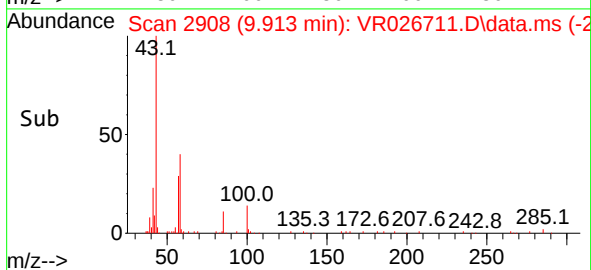
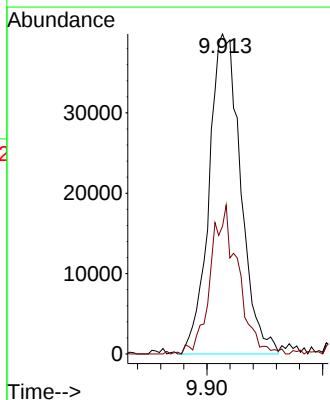
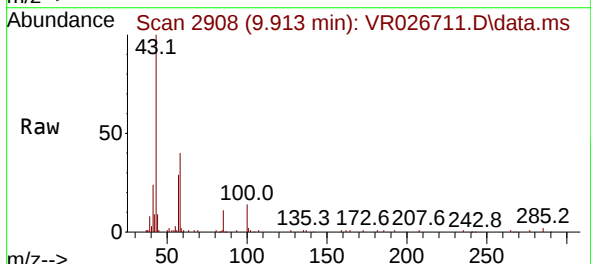
Manual Integrations
APPROVED

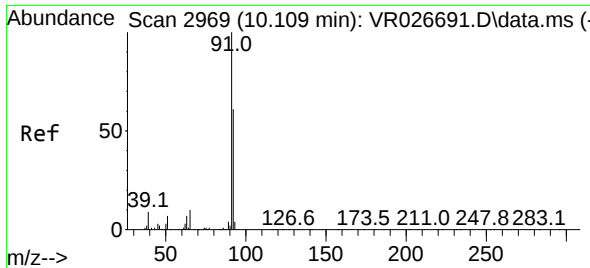
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#50
4-Methyl-2-Pentanone
Concen: 12.506 ug/l
RT: 9.913 min Scan# 2908
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 75599
Ion Ratio Lower Upper
43 100
58 40.8 33.7 50.5





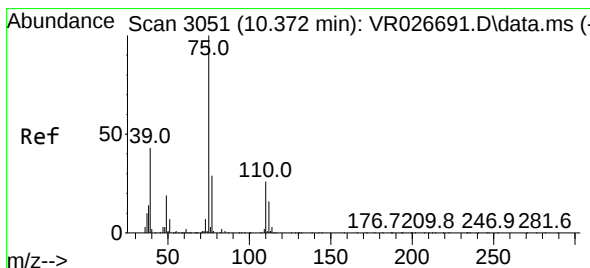
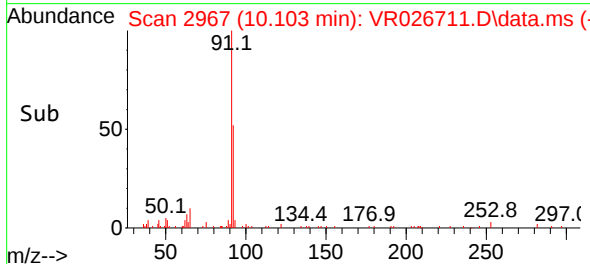
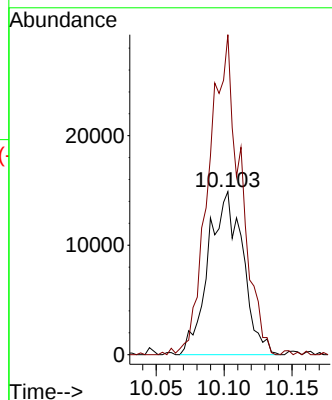
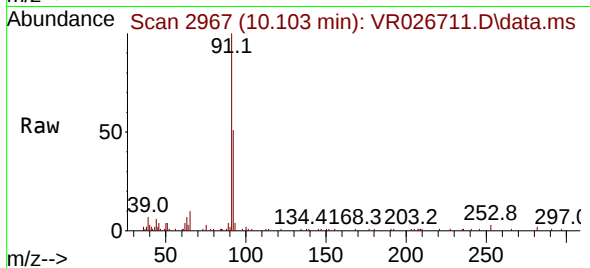
#51
Toluene
Concen: 2.377 ug/l
RT: 10.103 min Scan# 2969
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion: 92 Resp: 26290
Ion Ratio Lower Upper
92 100
91 182.0 137.8 206.6

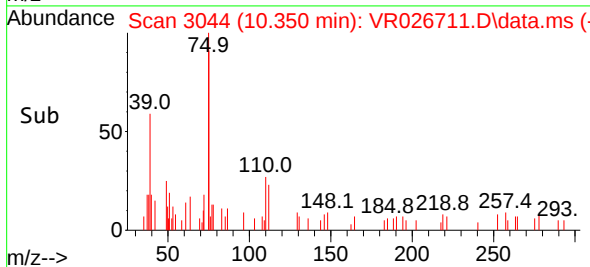
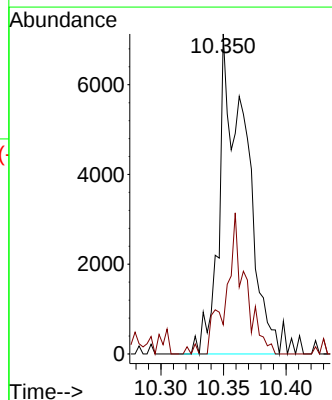
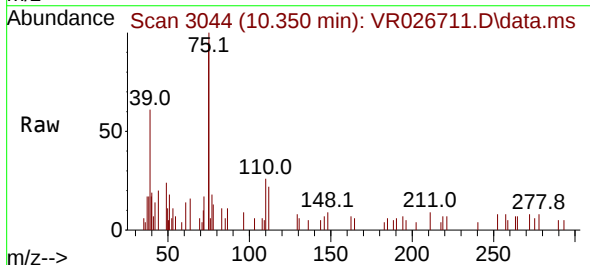
Manual Integrations
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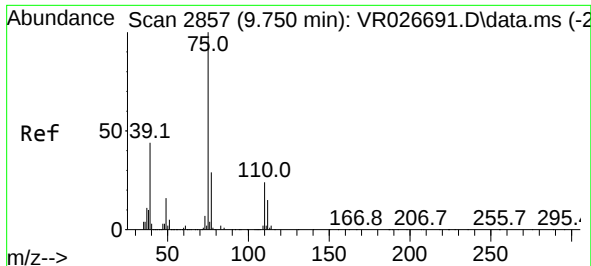
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#52
t-1,3-Dichloropropene
Concen: 1.968 ug/l m
RT: 10.350 min Scan# 3044
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

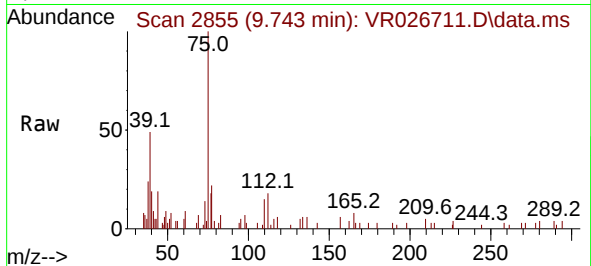
Tgt Ion: 75 Resp: 10653
Ion Ratio Lower Upper
75 100
77 17.9 23.4 35.2#





#53
cis-1,3-Dichloropropene
Concen: 1.806 ug/l m
RT: 9.743 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

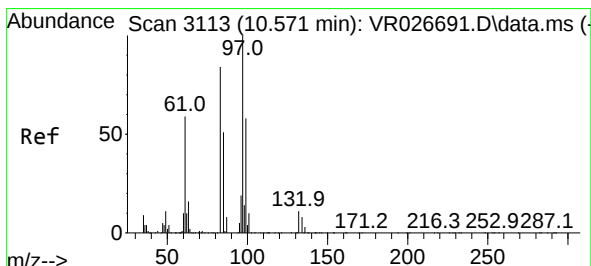
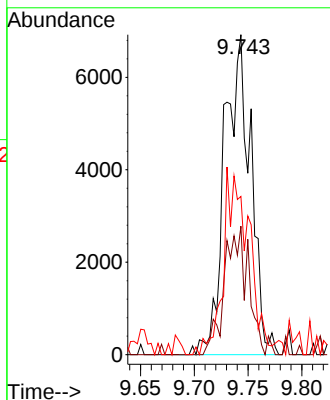
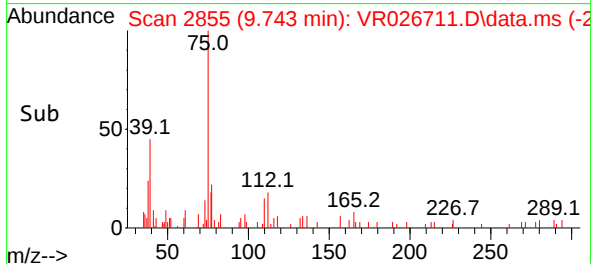
Instrument :
MSVOA_R
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 11730
Ion Ratio Lower Upper
75 100
77 22.0 22.9 34.3
39 49.4 34.8 52.2

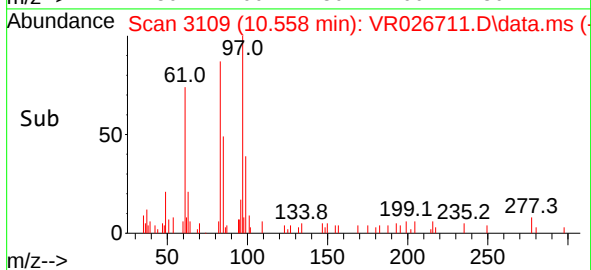
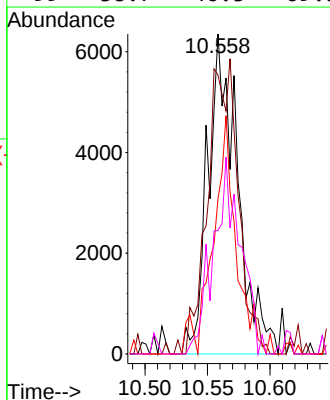
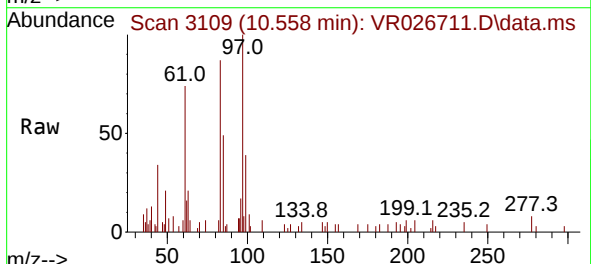
Manual Integrations
APPROVED

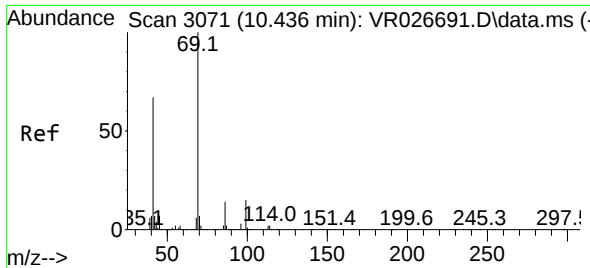
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#54
1,1,2-Trichloroethane
Concen: 2.616 ug/l
RT: 10.558 min Scan# 3109
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

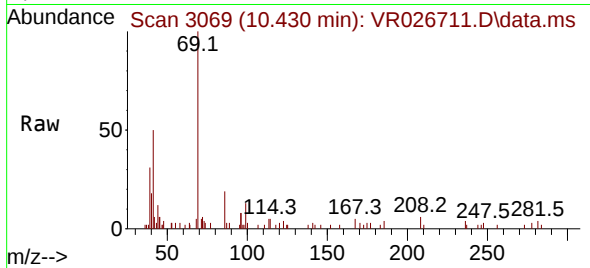
Tgt Ion: 97 Resp: 10565
Ion Ratio Lower Upper
97 100
83 87.2 67.4 101.2
85 48.6 40.4 60.6
99 38.7 46.3 69.5





#55
Ethyl methacrylate
Concen: 2.316 ug/l
RT: 10.430 min Scan# 3071
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

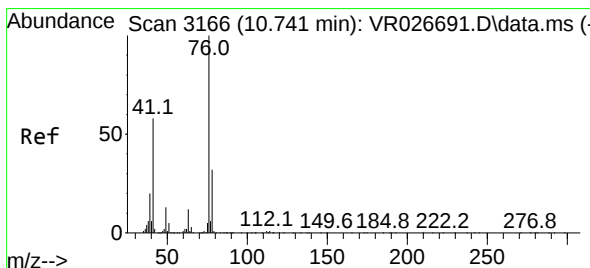
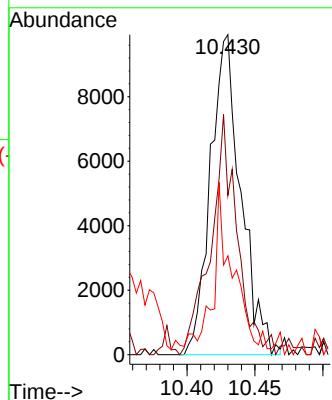
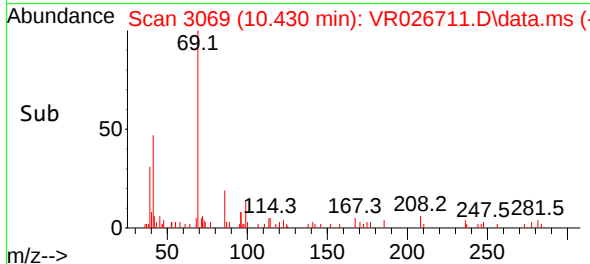
Instrument : MSVOA_R
ClientSampleId : MDL05



Tgt Ion: 69 Resp: 1544
Ion Ratio Lower Upper
69 100
41 64.9 51.5 77.3
39 36.1 24.7 37.1

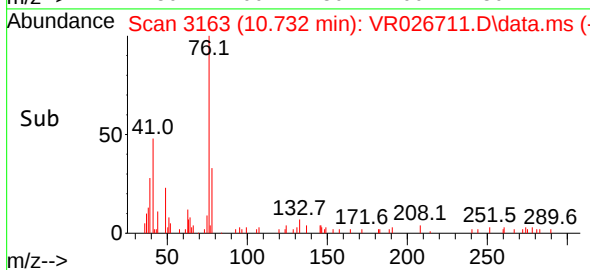
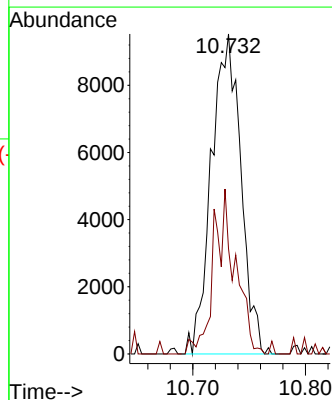
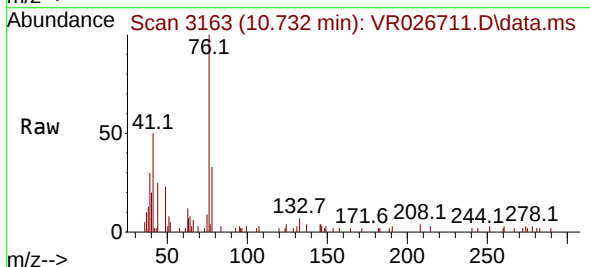
Manual Integrations
APPROVED

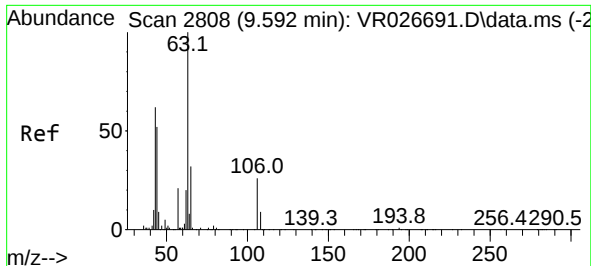
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#56
1,3-Dichloropropane
Concen: 2.507 ug/l m
RT: 10.732 min Scan# 3163
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 76 Resp: 17243
Ion Ratio Lower Upper
76 100
78 1.0 25.8 38.6#





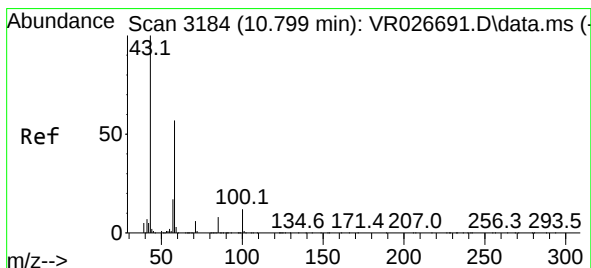
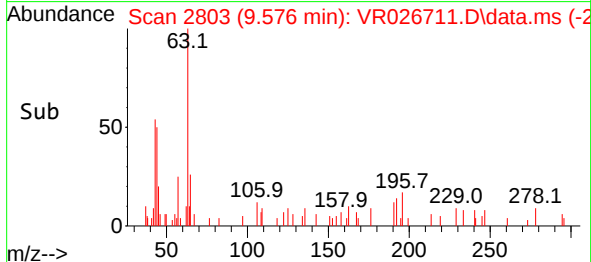
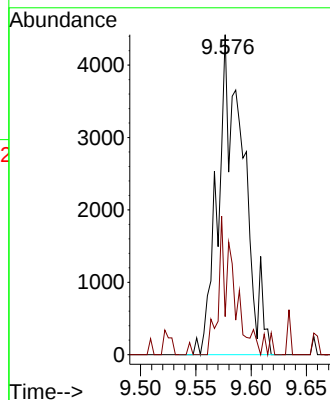
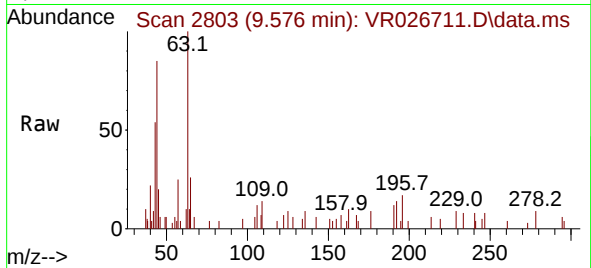
#57
2-Chloroethyl Vinyl ether
Concen: 19.208 ug/l m
RT: 9.576 min Scan# 2803
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 7079
Ion Ratio Lower Upper
63 100
106 10.2 22.5 33.7

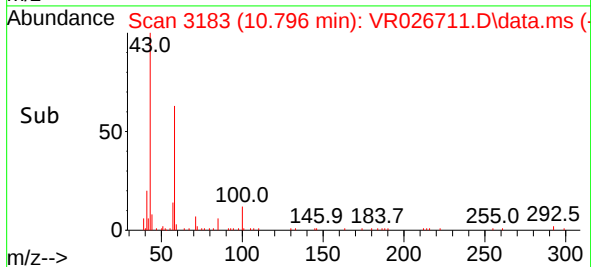
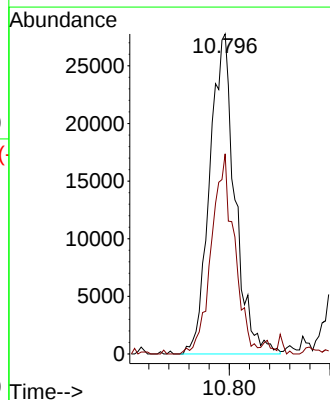
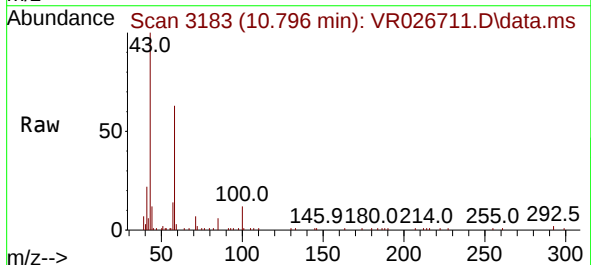
Manual Integrations
APPROVED

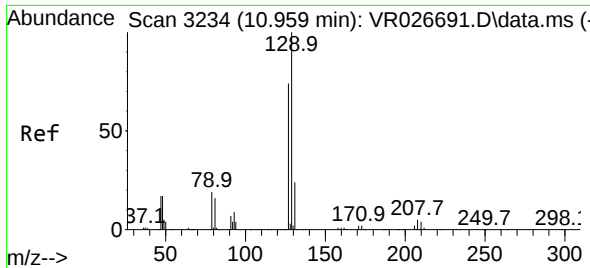
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#58
2-Hexanone
Concen: 11.883 ug/l
RT: 10.796 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 48425
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4





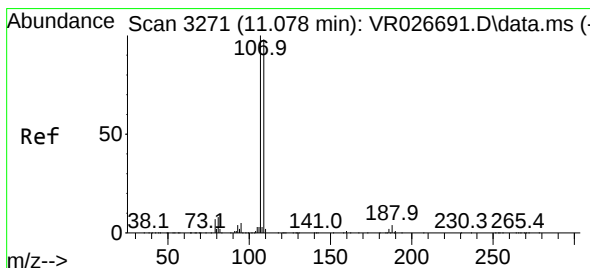
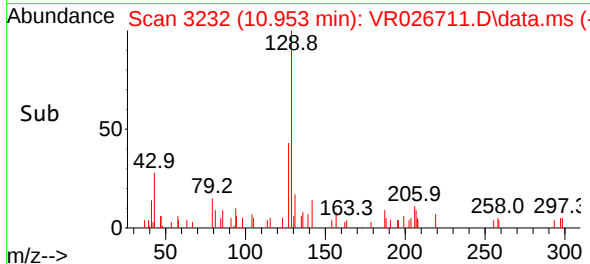
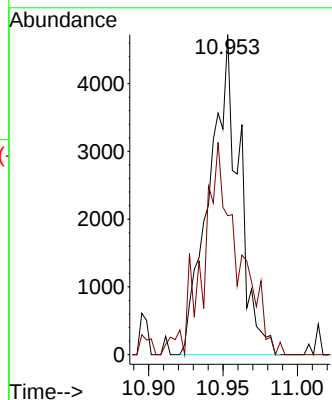
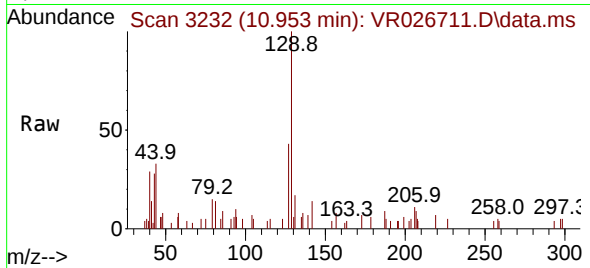
#59
Dibromochloromethane
Concen: 1.932 ug/l
RT: 10.953 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :
MDL05

Tgt Ion:129 Resp: 660
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

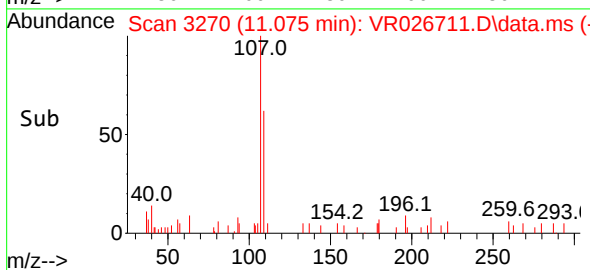
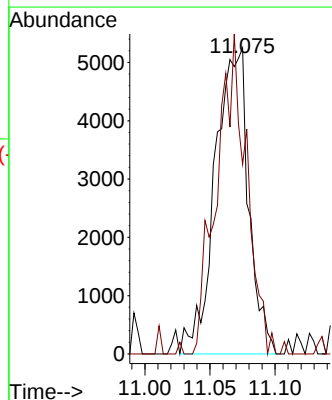
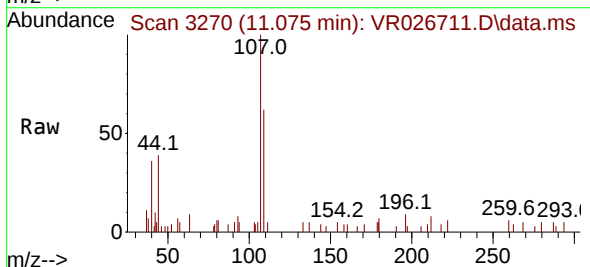
Manual Integrations
APPROVED

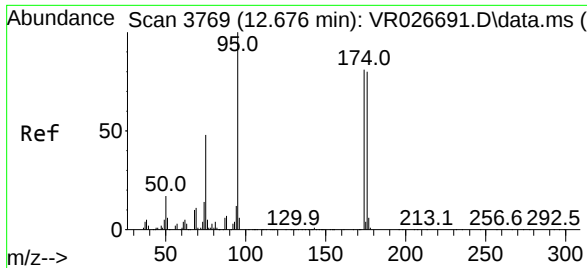
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#60
1,2-Dibromoethane
Concen: 2.712 ug/l
RT: 11.075 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

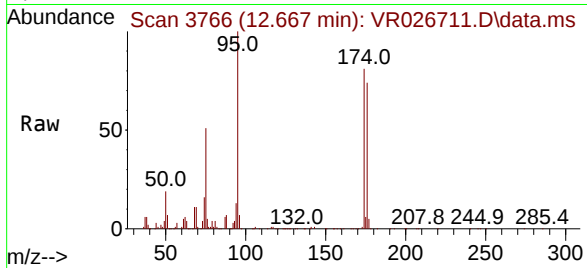
Tgt Ion:107 Resp: 9426
Ion Ratio Lower Upper
107 100
109 47.3 75.9 113.9#





#61
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.667 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

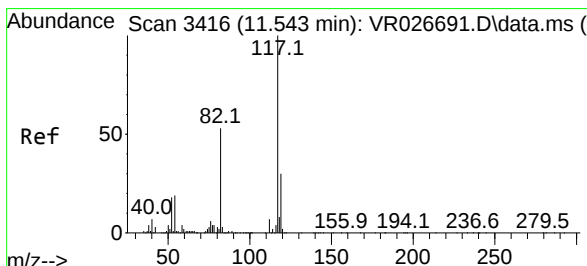
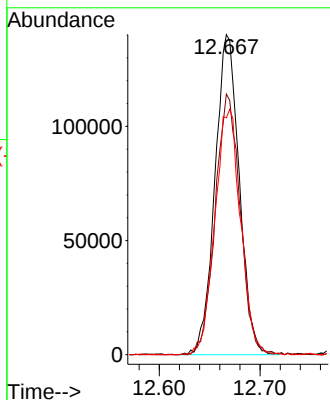
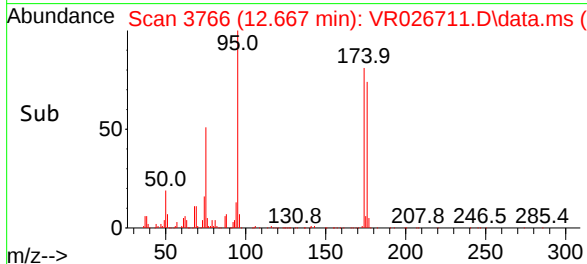
Instrument :
MSVOA_R
ClientSampleId :
MDL05



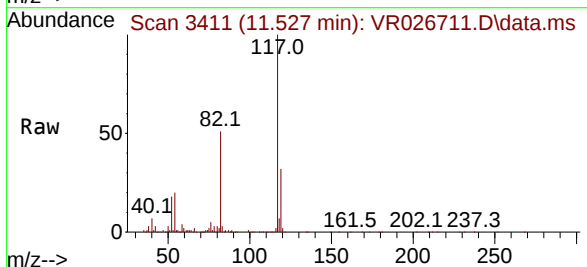
Tgt Ion: 95 Resp: 234849
Ion Ratio Lower Upper
95 100
174 83.5 0.0 158.4
176 81.0 0.0 149.0

Manual Integrations
APPROVED

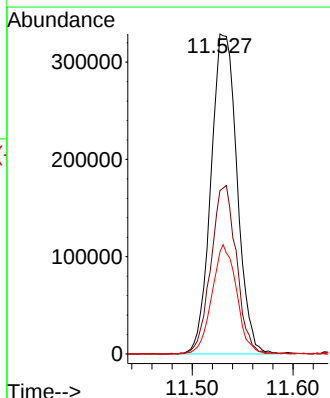
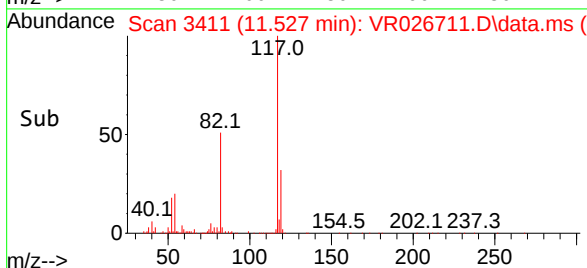
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

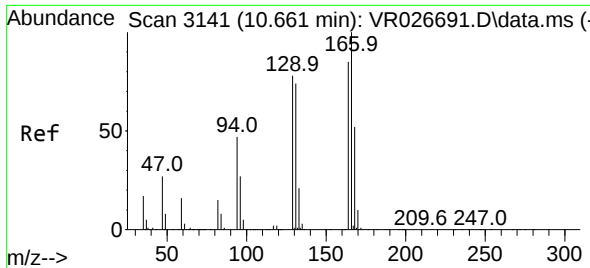


#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.527 min Scan# 3411
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



Tgt Ion:117 Resp: 593243
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 31.9 23.9 35.9





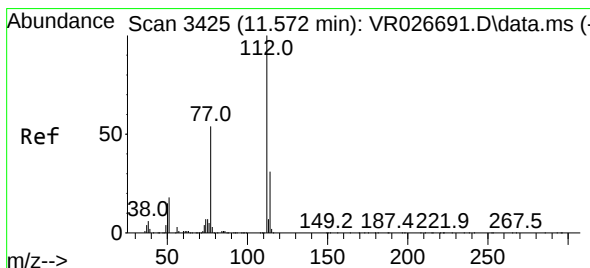
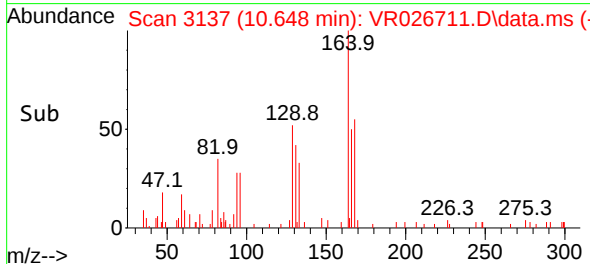
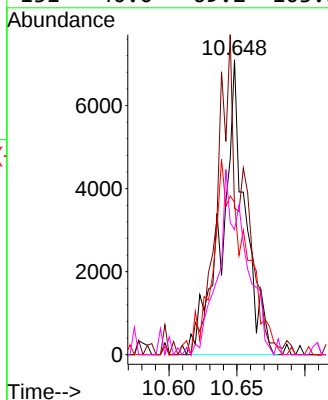
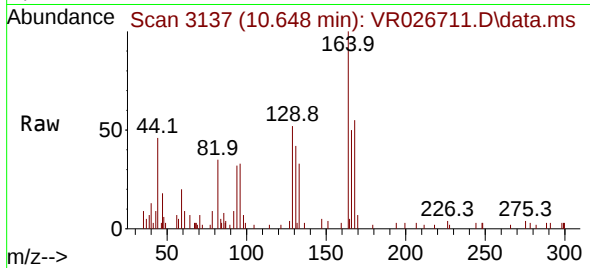
#63
Tetrachloroethene
Concen: 2.617 ug/l
RT: 10.648 min Scan# 3137
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion:164 Resp: 8480
Ion Ratio Lower Upper
164 100
166 49.7 93.7 140.5
129 51.6 73.4 110.2
131 40.0 69.2 103.8

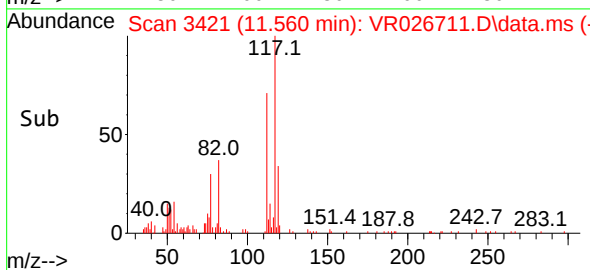
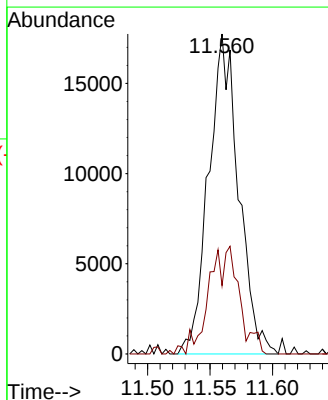
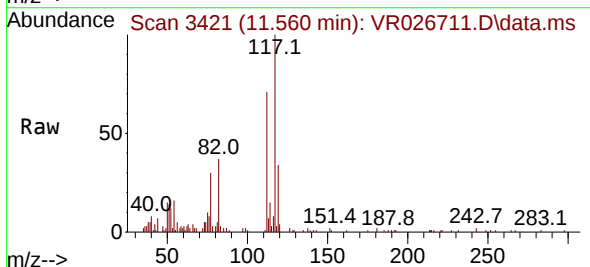
Manual Integrations
APPROVED

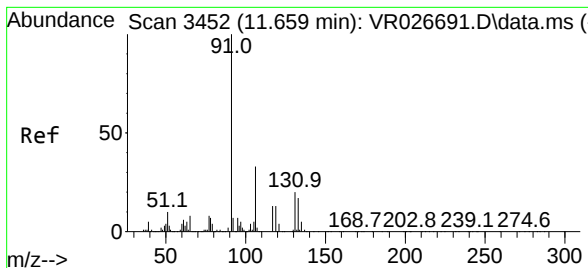
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#64
Chlorobenzene
Concen: 2.399 ug/l
RT: 11.560 min Scan# 3421
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:112 Resp: 29619
Ion Ratio Lower Upper
112 100
114 21.3 25.0 37.6





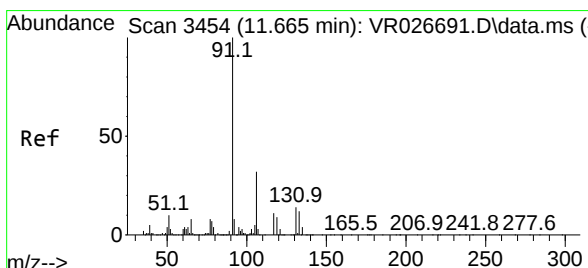
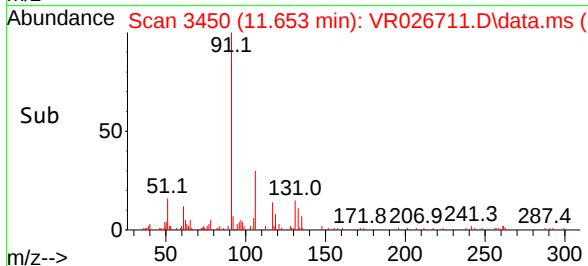
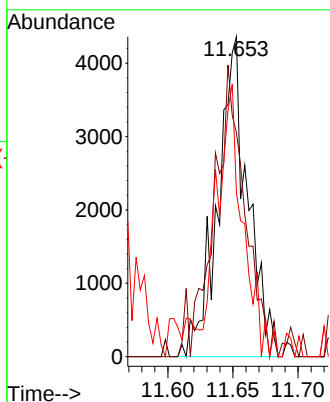
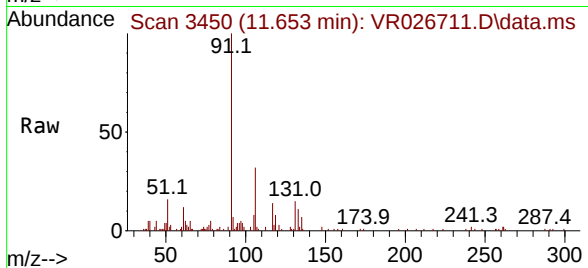
#65
1,1,1,2-Tetrachloroethane
Concen: 2.065 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion:131 Resp: 6962
Ion Ratio Lower Upper
131 100
133 91.3 46.2 138.5
119 0.0 35.7 107.1

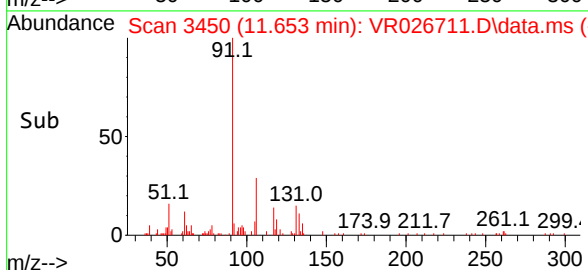
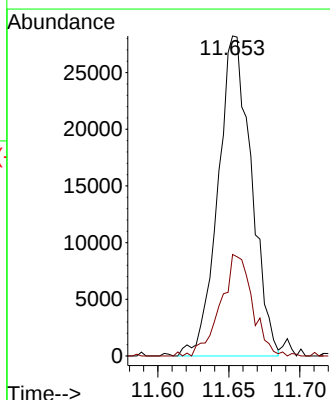
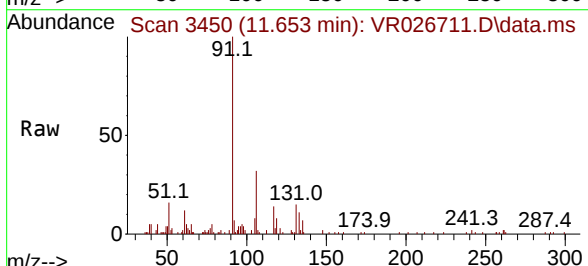
Manual Integrations
APPROVED

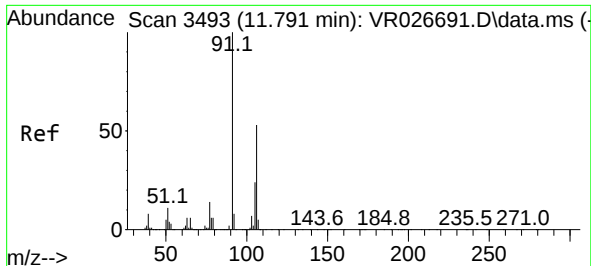
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#66
Ethyl Benzene
Concen: 2.236 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

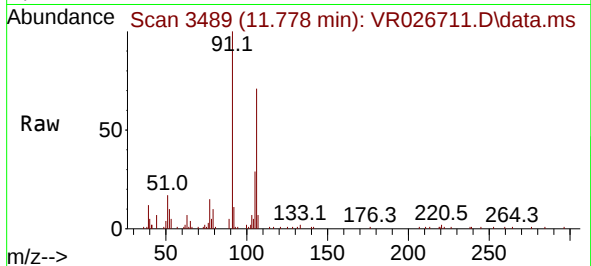
Tgt Ion: 91 Resp: 46086
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





#67
m/p-Xylenes
Concen: 4.354 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

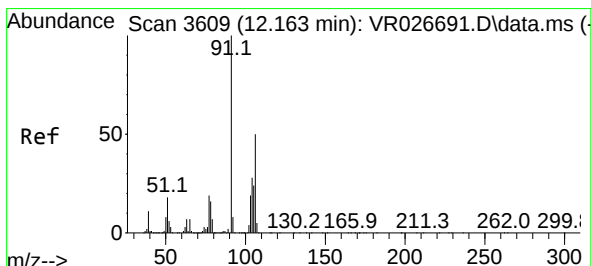
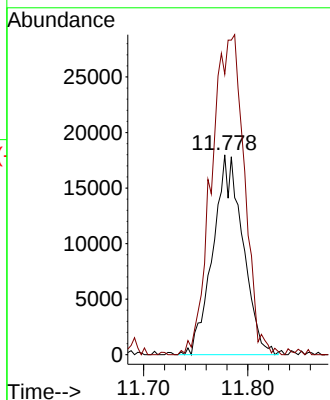
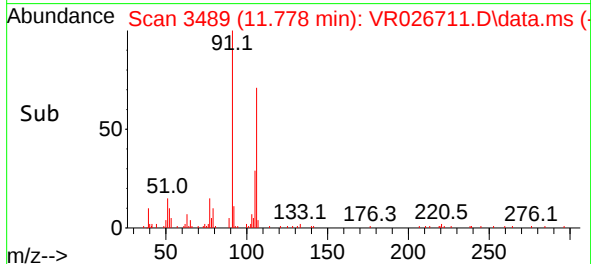
Instrument :
MSVOA_R
ClientSampleId :
MDL05



Tgt Ion:106 Resp: 3585
Ion Ratio Lower Upper
106 100
91 175.3 146.8 220.2

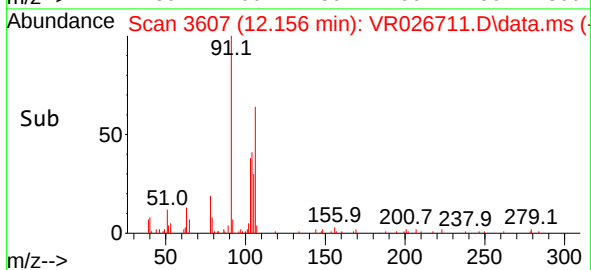
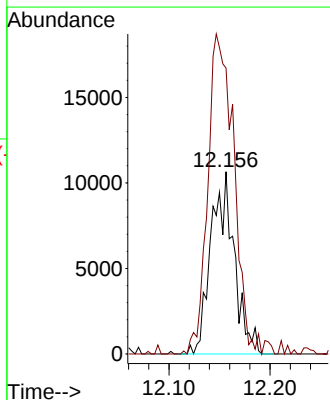
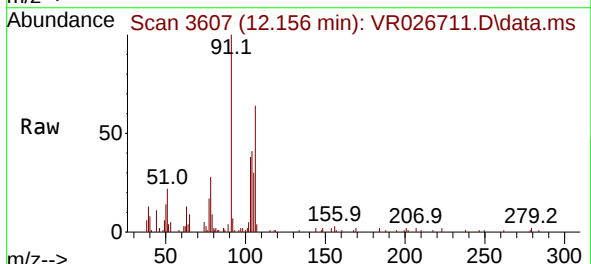
Manual Integrations
APPROVED

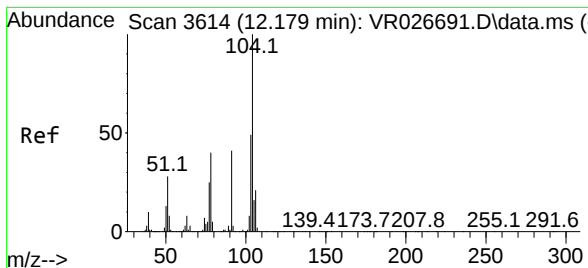
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#68
o-Xylene
Concen: 2.129 ug/l m
RT: 12.156 min Scan# 3607
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:106 Resp: 17019
Ion Ratio Lower Upper
106 100
91 369.3 97.9 293.6#





#69

Styrene

Concen: 2.049 ug/l

RT: 12.169 min Scan# 3611

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

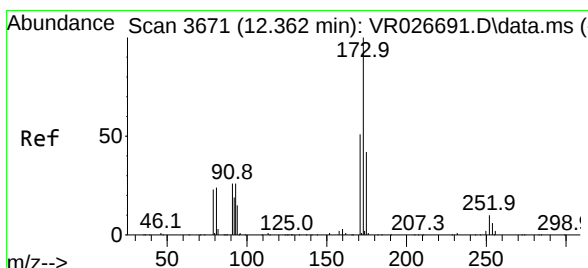
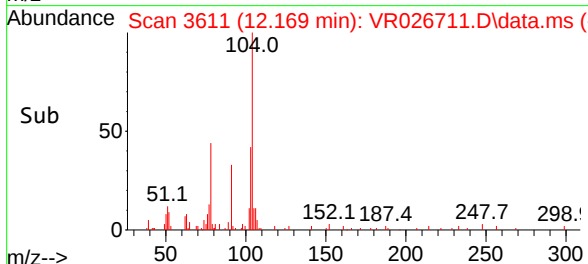
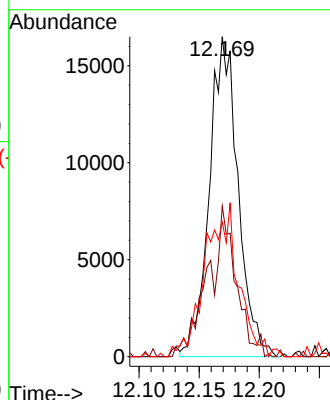
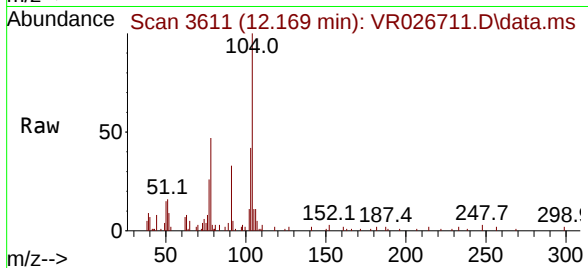
MDL05

Tgt Ion:	104	Resp:	27379
Ion Ratio	Lower	Upper	
104	100		
78	46.6	34.5	51.7
103	55.4	43.2	64.8

Manual Integrations

APPROVED

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



#70

Bromoform

Concen: 1.942 ug/l m

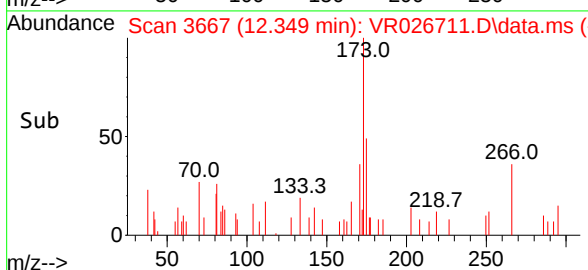
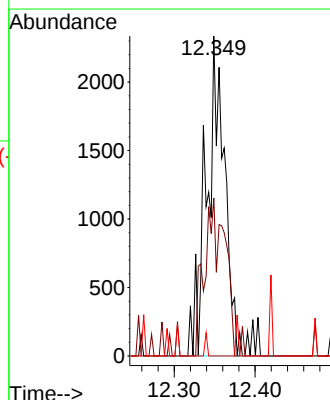
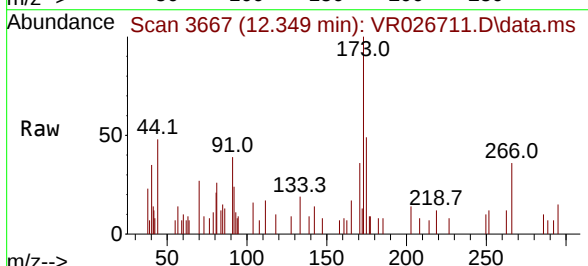
RT: 12.349 min Scan# 3667

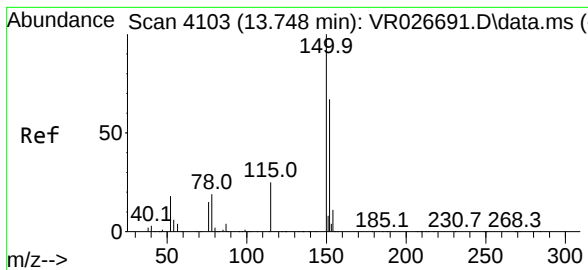
Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

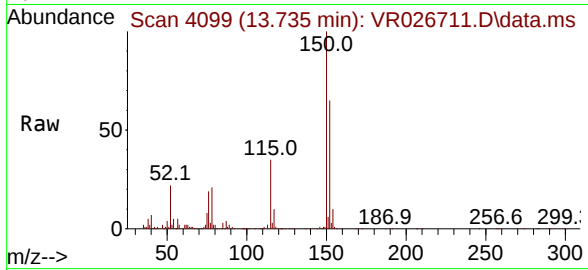
Tgt Ion:	173	Resp:	3707
Ion Ratio	Lower	Upper	
173	100		
175	12.8	23.6	71.0#
254	0.0	0.1	0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.735 min Scan# 4099
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

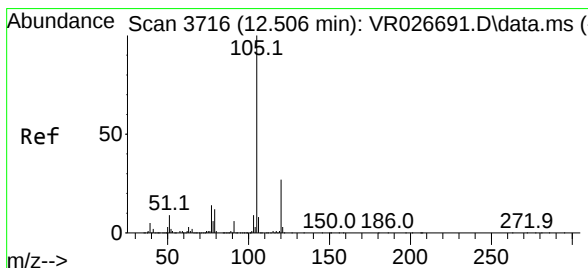
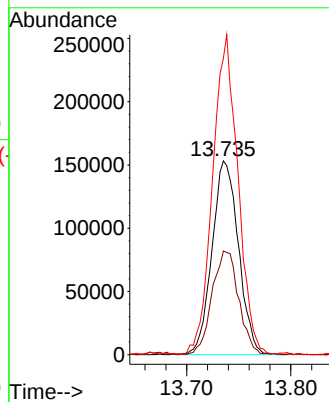
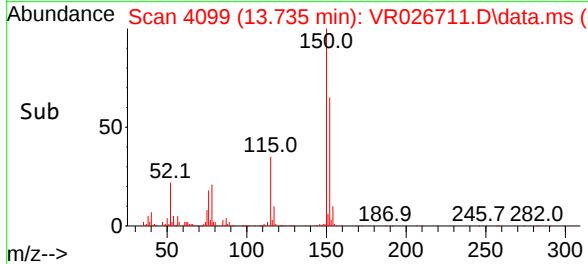
Instrument : MSVOA_R
ClientSampleId : MDL05



Tgt Ion:152 Resp: 270189
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.4
150 157.4 0.0 350.4

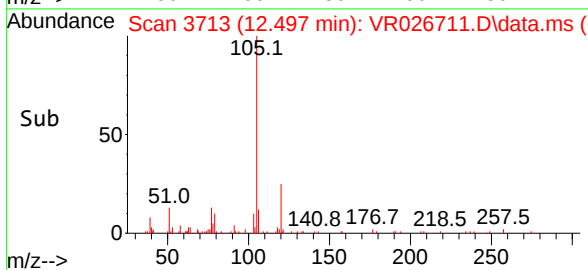
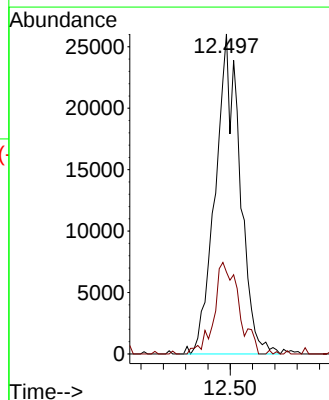
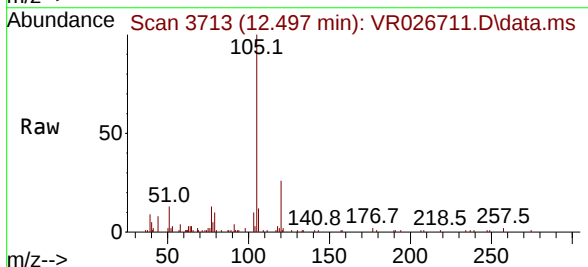
Manual Integrations
APPROVED

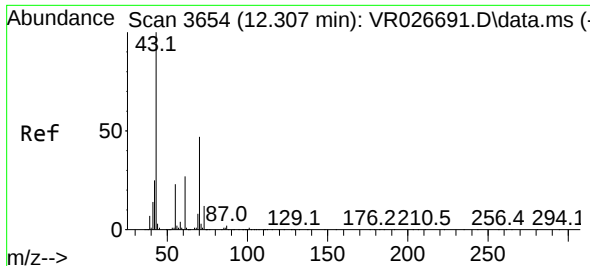
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#72
Isopropylbenzene
Concen: 2.081 ug/l
RT: 12.497 min Scan# 3713
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

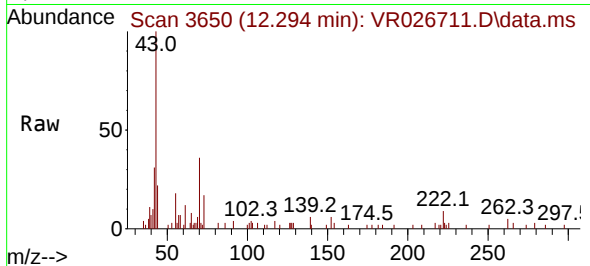
Tgt Ion:105 Resp: 40073
Ion Ratio Lower Upper
105 100
120 28.4 14.2 42.8





#73
N-amy1 acetate
Concen: 2.017 ug/l
RT: 12.294 min Scan# 3650
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

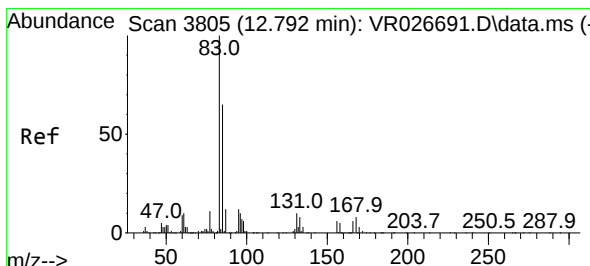
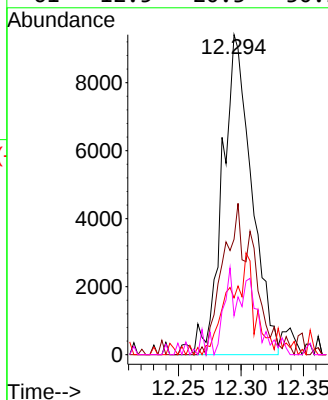
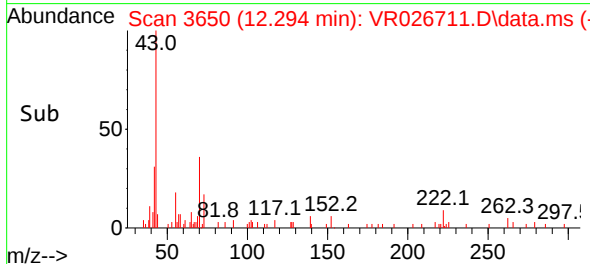
Instrument :
MSVOA_R
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 15399
Ion Ratio Lower Upper
43 100
70 33.4 36.4 54.6
55 11.1 18.7 28.1
61 12.5 20.3 30.5

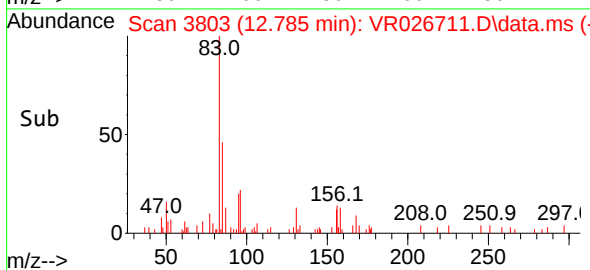
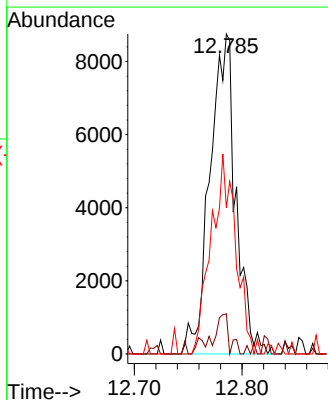
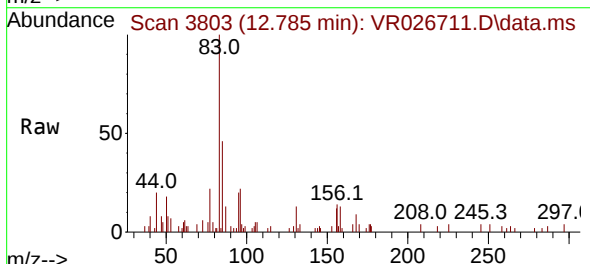
Manual Integrations
APPROVED

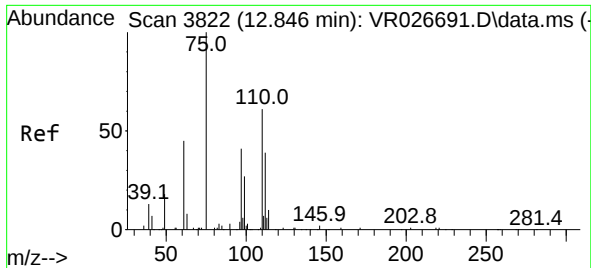
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 2.598 ug/l
RT: 12.785 min Scan# 3803
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 83 Resp: 14680
Ion Ratio Lower Upper
83 100
131 6.8 4.2 12.4
85 59.0 32.3 96.8





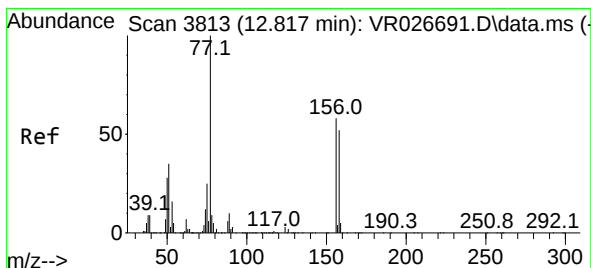
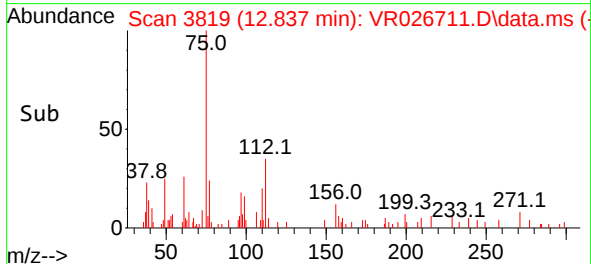
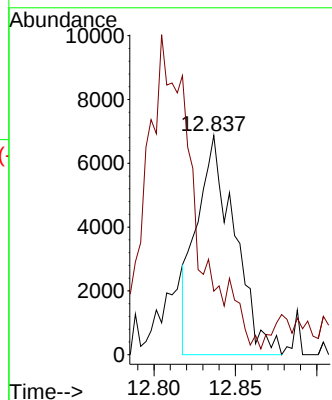
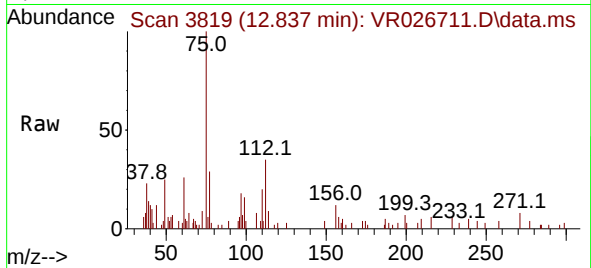
#75
1,2,3-Trichloropropane
Concen: 2.479 ug/l m
RT: 12.837 min Scan# 3819
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 75 Resp: 11104
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

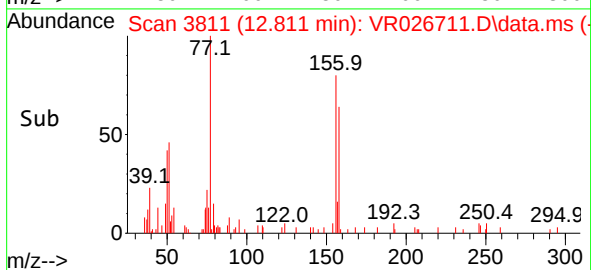
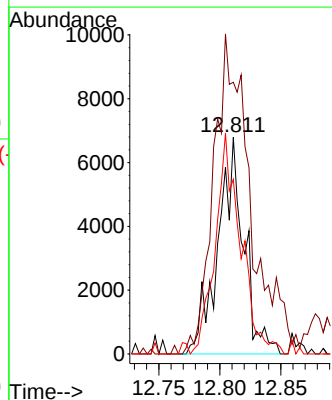
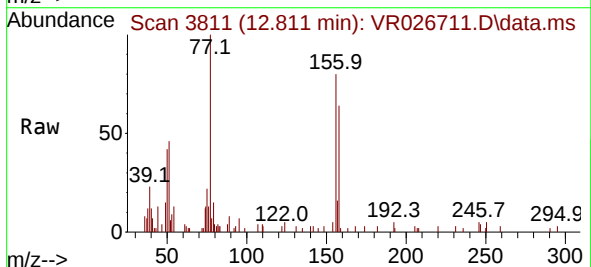
Manual Integrations
APPROVED

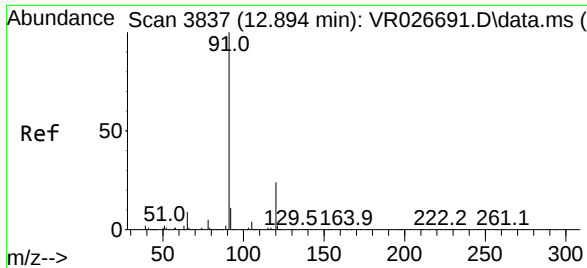
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#76
Bromobenzene
Concen: 2.242 ug/l m
RT: 12.811 min Scan# 3811
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:156 Resp: 9991
Ion Ratio Lower Upper
156 100
77 195.1 105.5 316.4
158 100.4 46.4 139.1





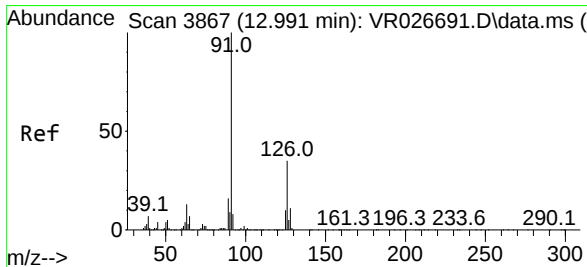
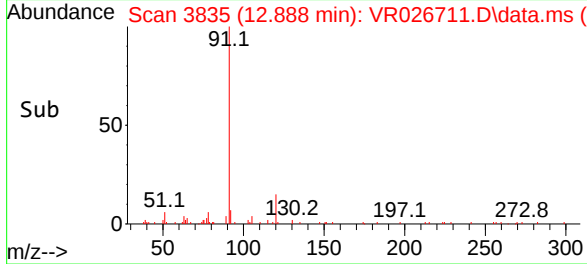
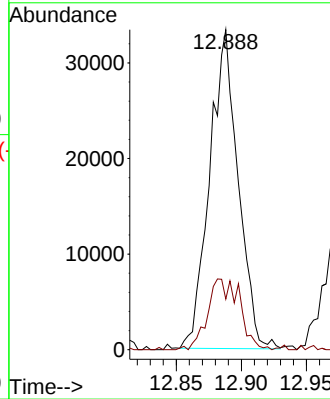
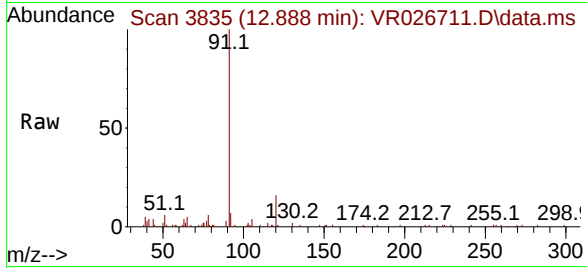
#77
n-propylbenzene
Concen: 2.215 ug/l
RT: 12.888 min Scan# 3835
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 91 Resp: 50898
Ion Ratio Lower Upper
91 100
120 14.4 11.9 35.9

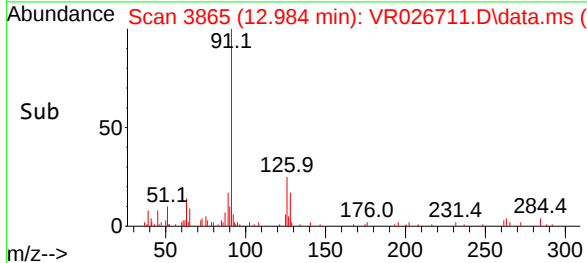
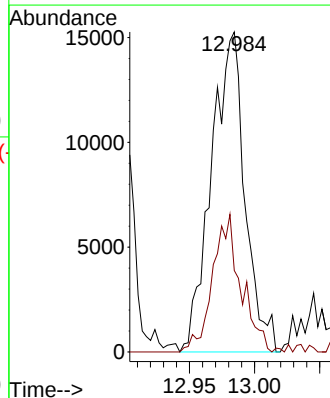
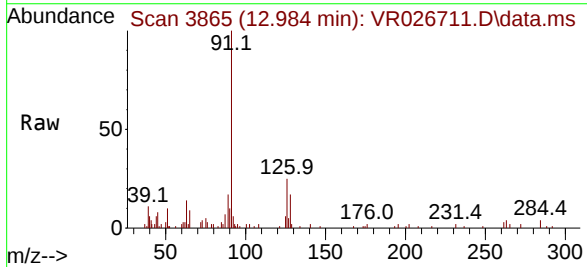
Manual Integrations
APPROVED

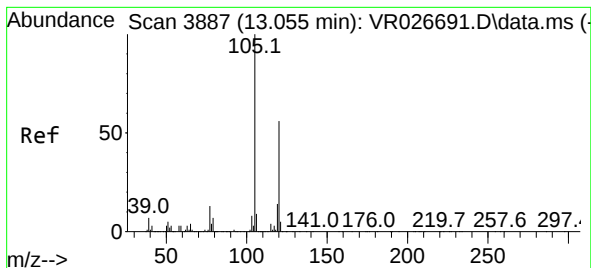
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#78
2-Chlorotoluene
Concen: 2.106 ug/l
RT: 12.984 min Scan# 3865
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 91 Resp: 27455
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 2.035 ug/l

RT: 13.042 min Scan# 3883

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 30650

Ion Ratio Lower Upper

105 100

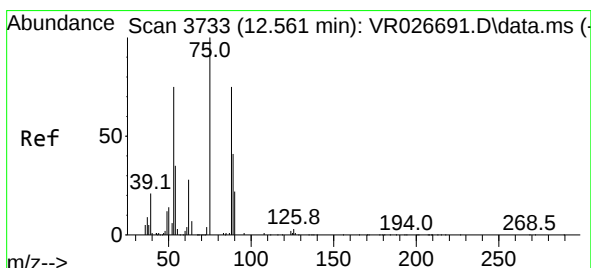
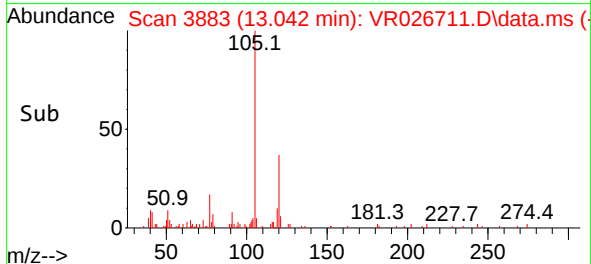
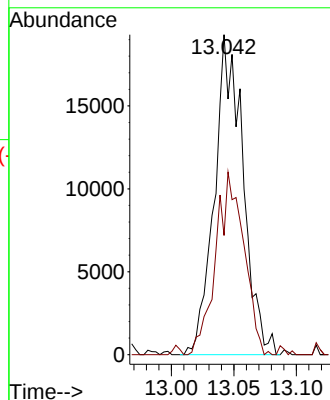
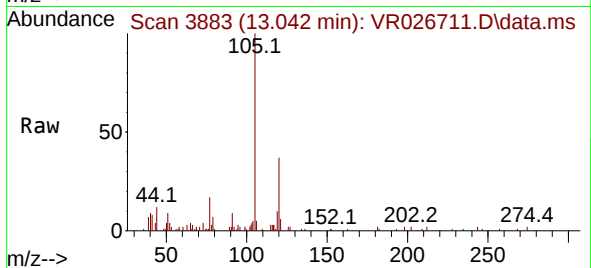
120 56.5 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025

Supervised By :Semsettin Yesilyurt 08/06/2025



#80

trans-1,4-Dichloro-2-butene

Concen: 2.430 ug/l m

RT: 12.561 min Scan# 3733

Delta R.T. 0.000 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

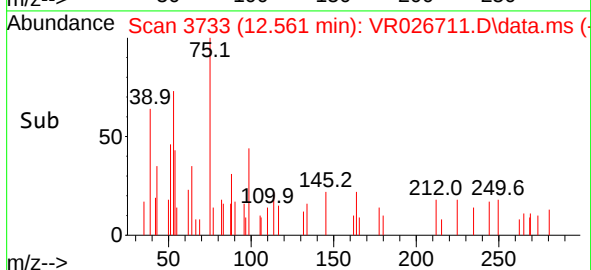
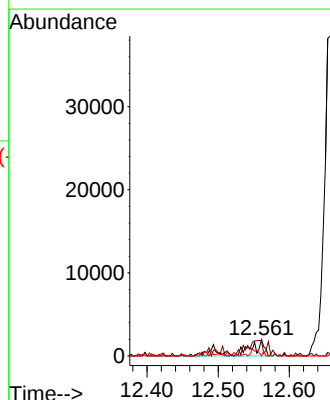
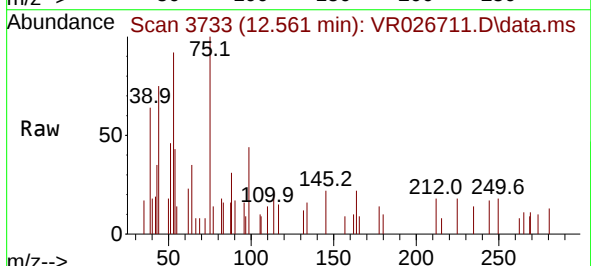
Tgt Ion: 75 Resp: 3736

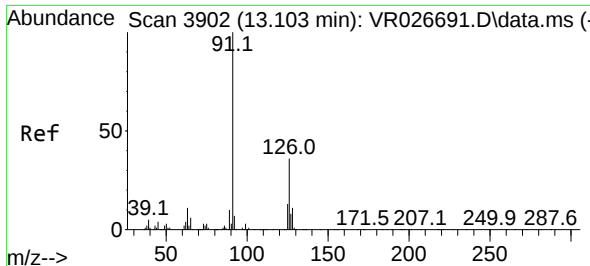
Ion Ratio Lower Upper

75 100

53 5.4 67.8 101.6#

89 11.9 34.6 52.0#





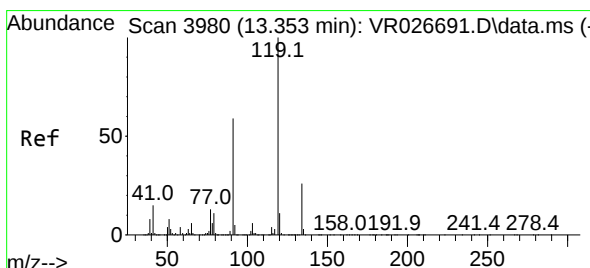
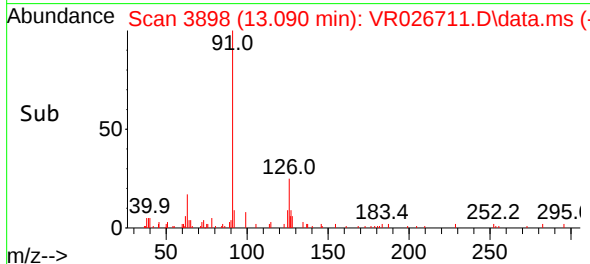
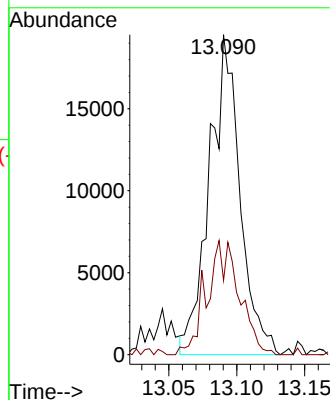
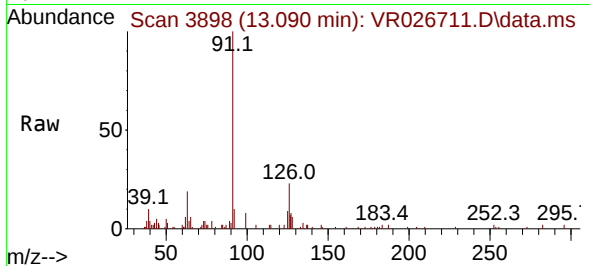
#81
4-Chlorotoluene
Concen: 2.294 ug/l
RT: 13.090 min Scan# 3902
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion: 91 Resp: 3054
Ion Ratio Lower Upper
91 100
126 20.4 17.8 53.3

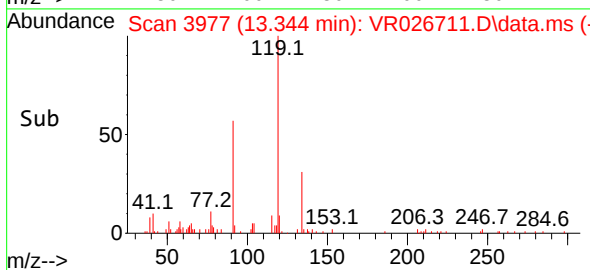
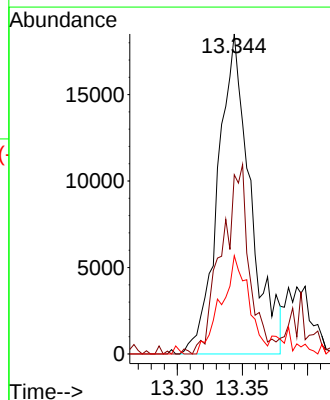
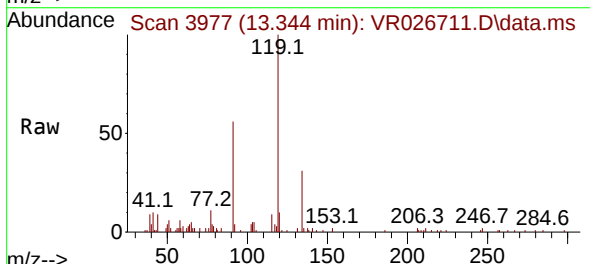
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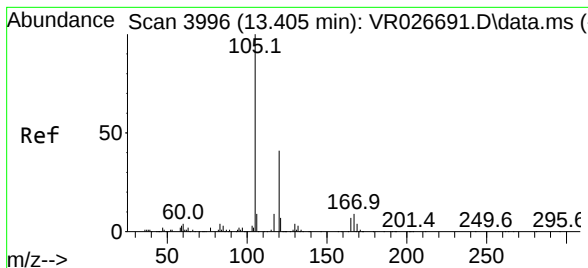
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#82
tert-Butylbenzene
Concen: 2.333 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:119 Resp: 31954
Ion Ratio Lower Upper
119 100
91 51.0 29.9 89.7
134 26.1 13.5 40.4





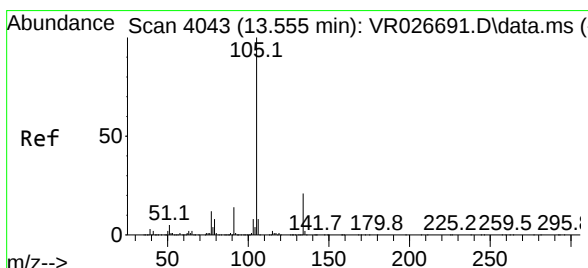
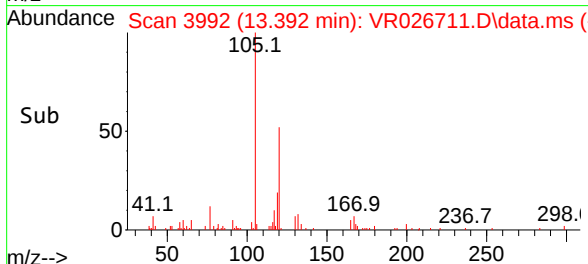
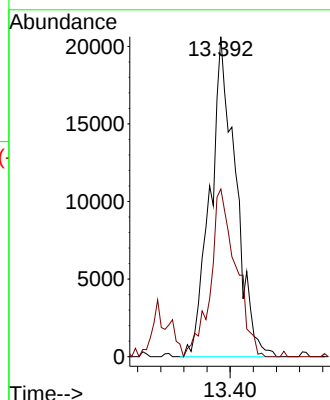
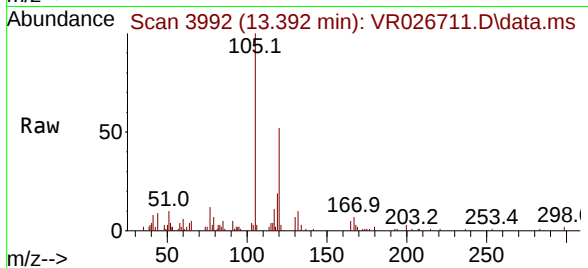
#83
1,2,4-Trimethylbenzene
Concen: 2.114 ug/l
RT: 13.392 min Scan# 3996
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
ClientSampleId : MDL05

Tgt Ion:105 Resp: 3151
Ion Ratio Lower Upper
105 100
120 52.3 25.0 75.0

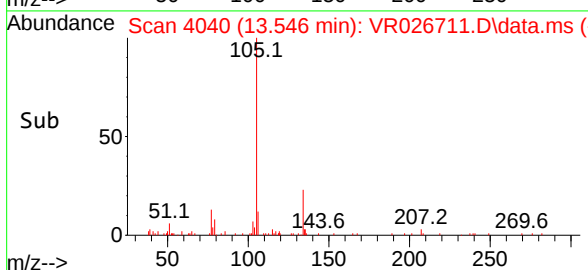
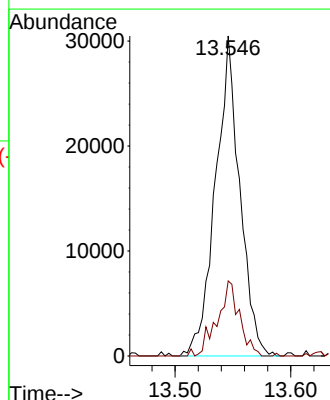
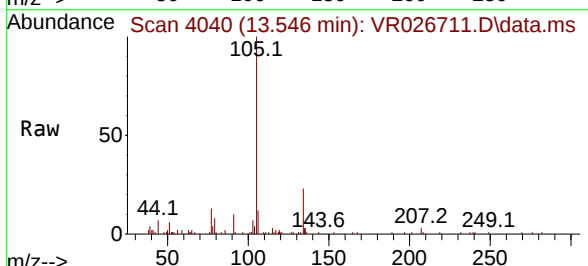
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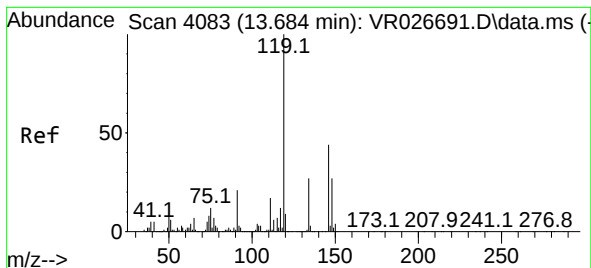
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#84
sec-Butylbenzene
Concen: 2.191 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:105 Resp: 44506
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1





#85

p-Isopropyltoluene

Concen: 2.119 ug/l

RT: 13.674 min Scan# 4080

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

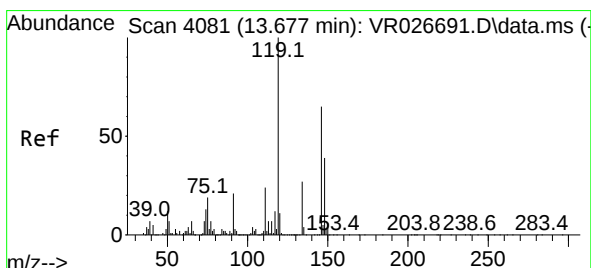
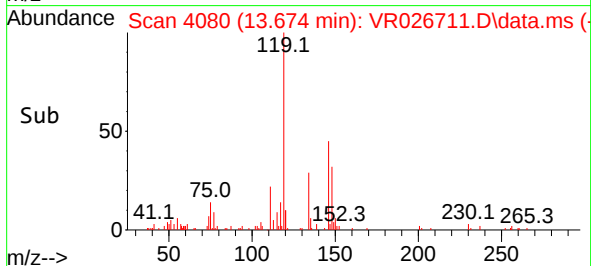
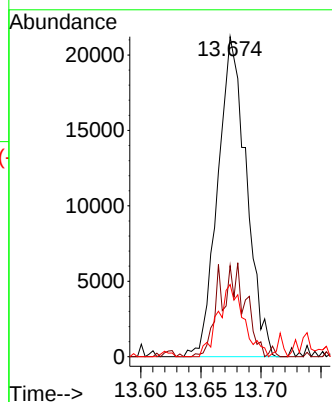
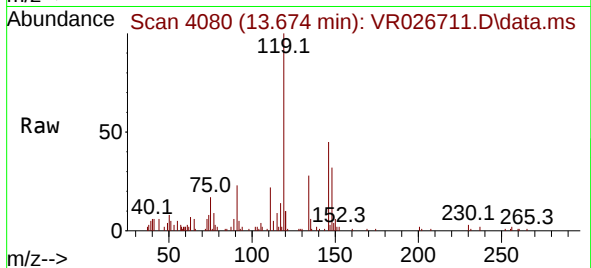
MDL05

Tgt Ion:	119	Resp:	35100
Ion Ratio	Lower	Upper	
119	100		
134	15.7	13.9	41.7
91	20.3	10.4	31.2

Manual Integrations

APPROVED

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



#86

1,3-Dichlorobenzene

Concen: 2.335 ug/l

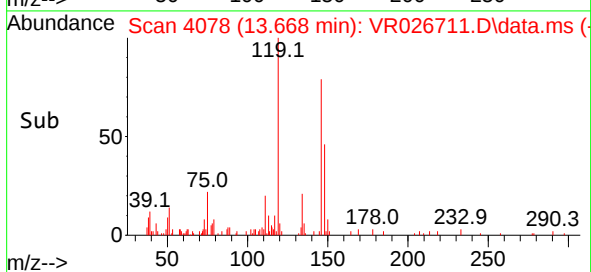
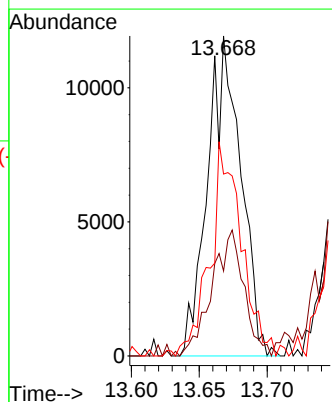
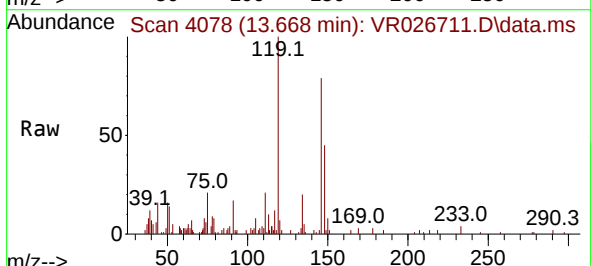
RT: 13.668 min Scan# 4078

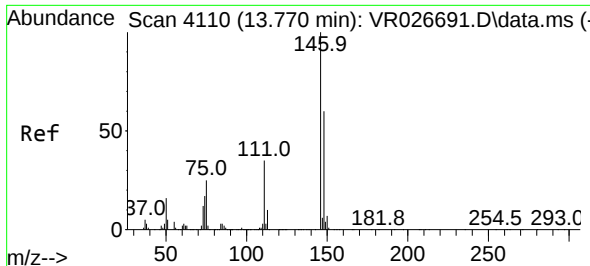
Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

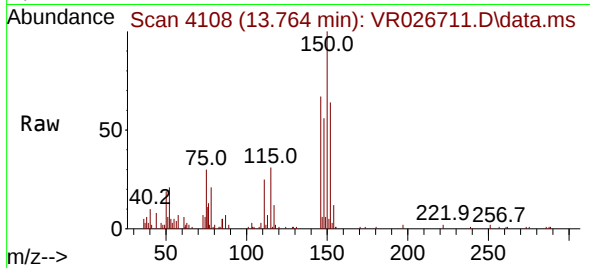
Tgt Ion:	146	Resp:	20398
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.4	58.2
148	63.2	31.4	94.3





#87
1,4-Dichlorobenzene
Concen: 2.612 ug/l
RT: 13.764 min Scan# 4110
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

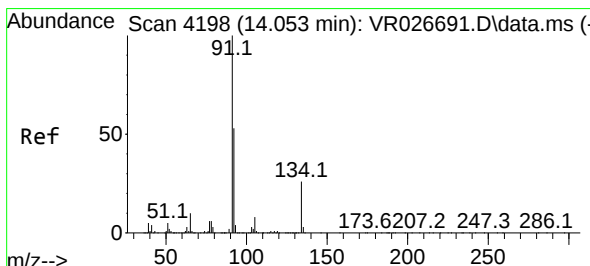
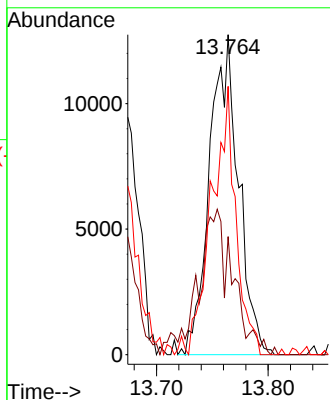
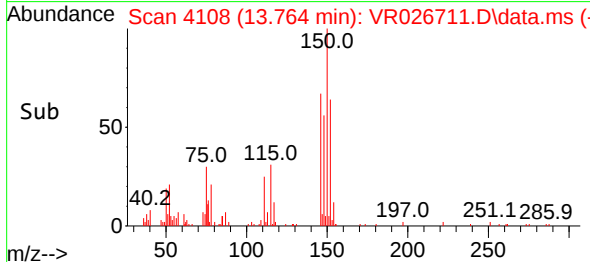
Instrument :
MSVOA_R
ClientSampleId :
MDL05



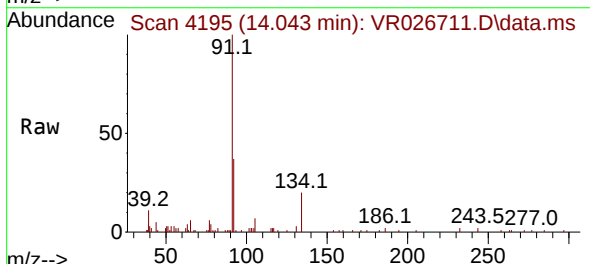
Tgt Ion:146 Resp: 2290
Ion Ratio Lower Upper
146 100
111 30.0 19.1 57.3
148 69.6 32.6 97.8

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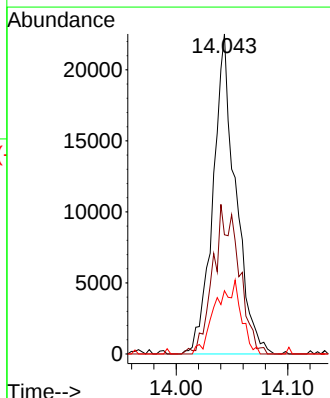
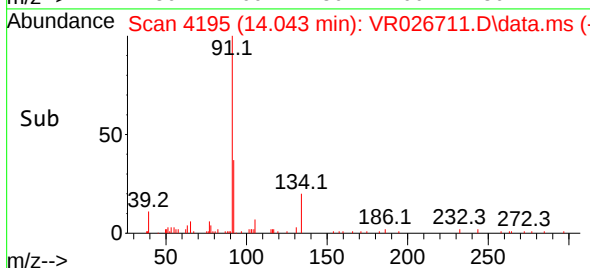
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

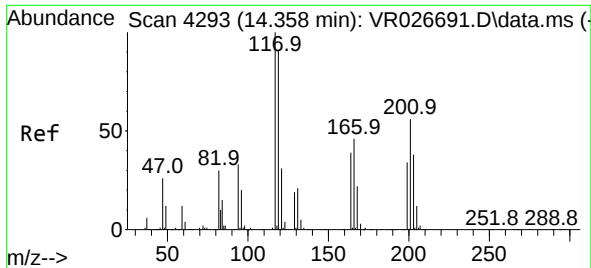


#88
n-Butylbenzene
Concen: 2.081 ug/l
RT: 14.043 min Scan# 4195
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



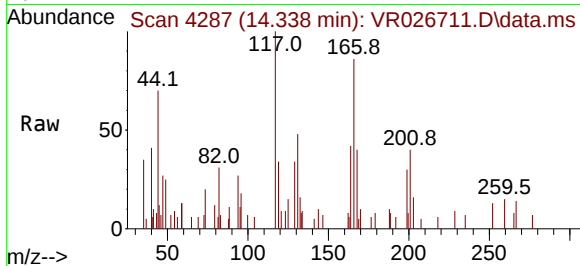
Tgt Ion: 91 Resp: 31767
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 26.0 13.1 39.3





#89
Hexachloroethane
Concen: 2.004 ug/l m
RT: 14.338 min Scan# 41
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

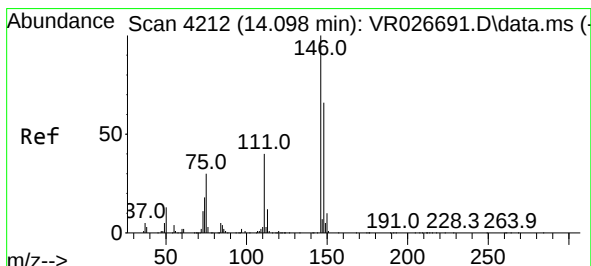
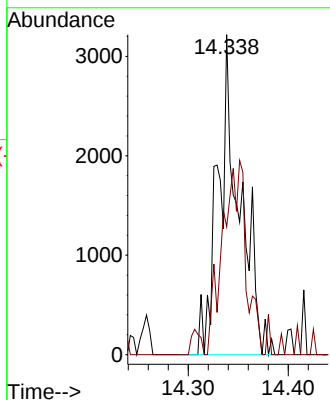
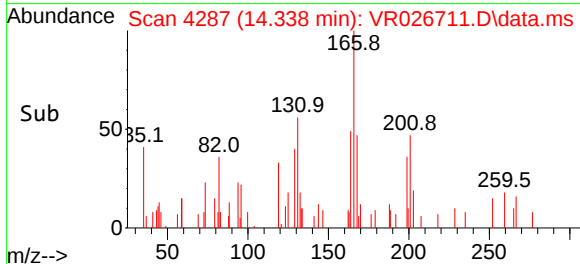
Instrument :
MSVOA_R
ClientSampleId :
MDL05



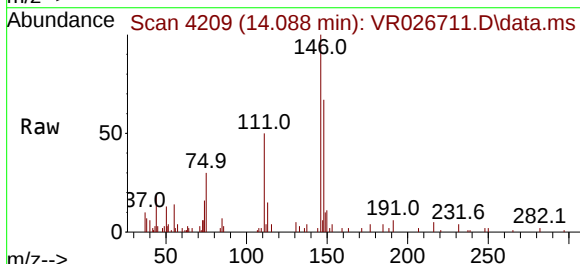
Tgt Ion:117 Resp: 4760
Ion Ratio Lower Upper
117 100
201 67.2 30.6 92.0

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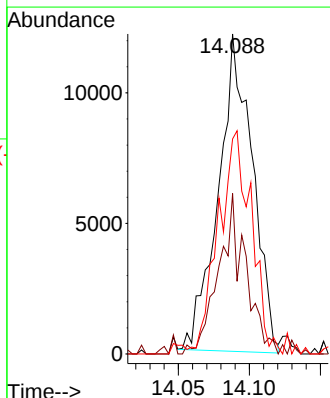
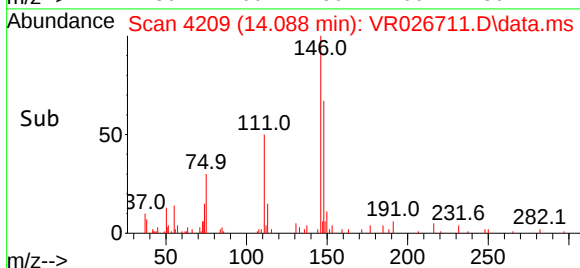
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

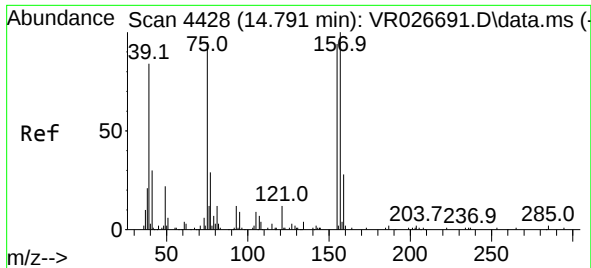


#90
1,2-Dichlorobenzene
Concen: 2.476 ug/l
RT: 14.088 min Scan# 4209
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



Tgt Ion:146 Resp: 20319
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 68.1 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 3.137 ug/l m

RT: 14.788 min Scan# 4428

Delta R.T. -0.003 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

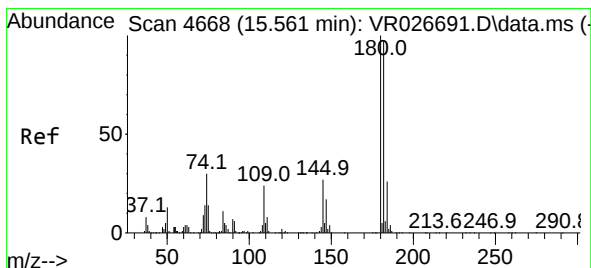
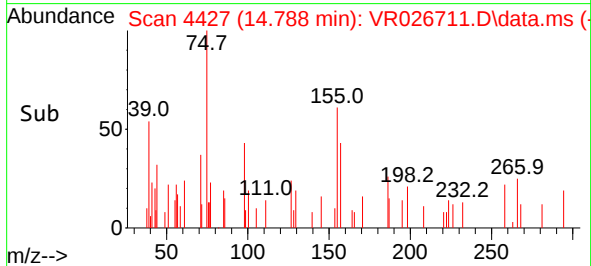
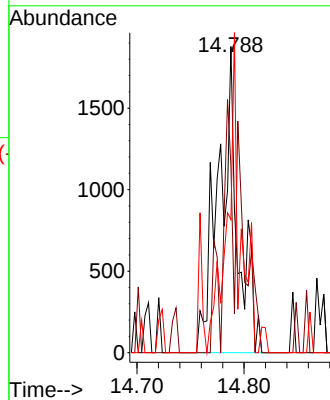
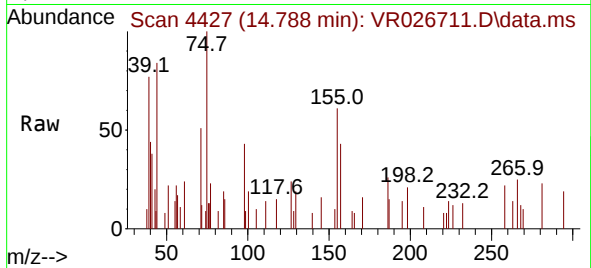
MDL05

Tgt Ion: 75	Resp: 2360
Ion Ratio	Lower Upper
75	100
155	3.8 48.0 144.2
157	3.8 59.5 178.4

Manual Integrations

APPROVED

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



#92

1,2,4-Trichlorobenzene

Concen: 2.564 ug/l

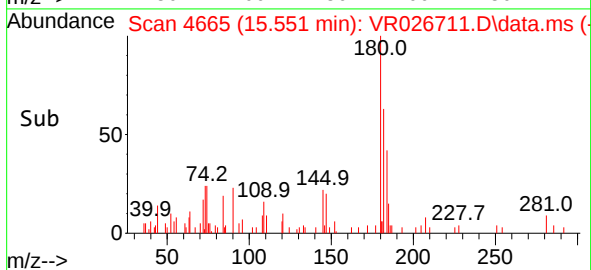
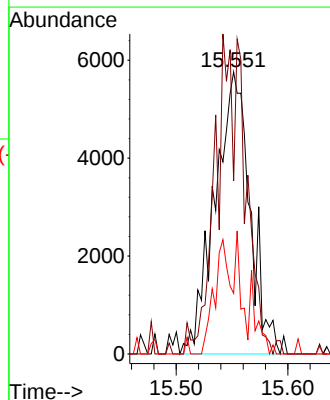
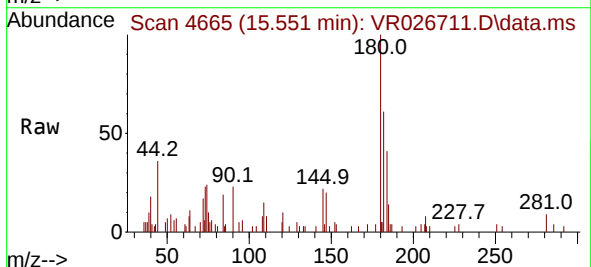
RT: 15.551 min Scan# 4665

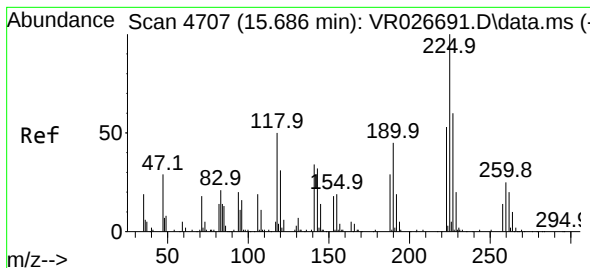
Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Tgt Ion:180	Resp: 12582
Ion Ratio	Lower Upper
180	100
182	51.3 47.0 141.0
145	18.6 15.2 45.5





#93

Hexachlorobutadiene

Concen: 2.492 ug/l m

RT: 15.670 min Scan# 41

Delta R.T. -0.016 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

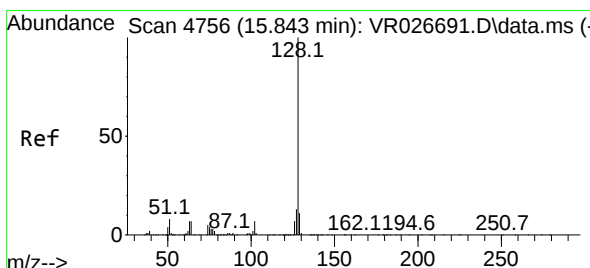
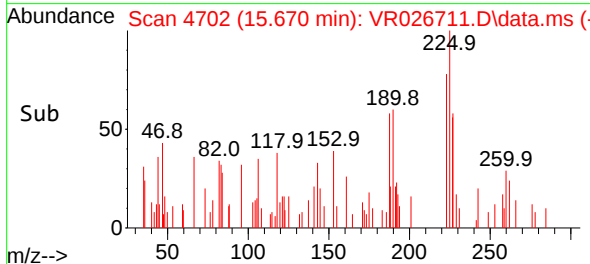
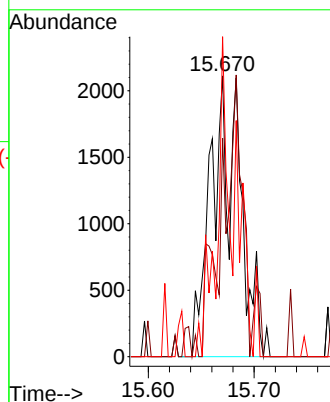
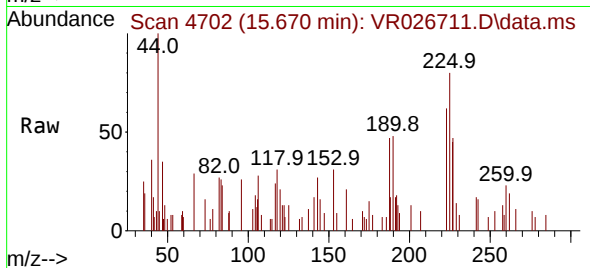
MDL05

Tgt Ion:	225	Resp:	397
Ion Ratio	Lower	Upper	
225	100		
223	53.0	31.4	94.2
227	23.5	31.6	95.0

Manual Integrations

APPROVED

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



#94

Naphthalene

Concen: 2.656 ug/l

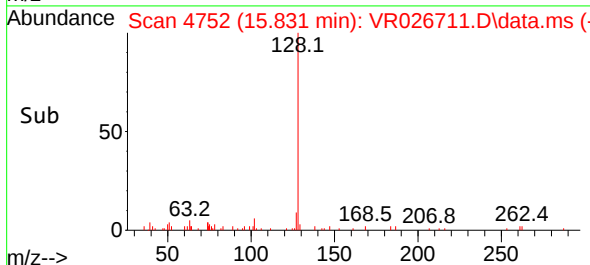
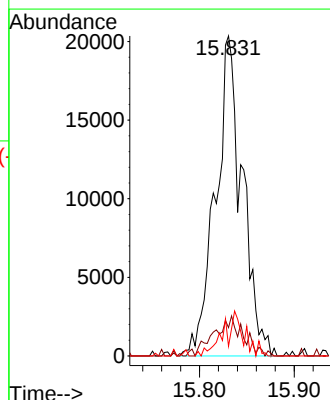
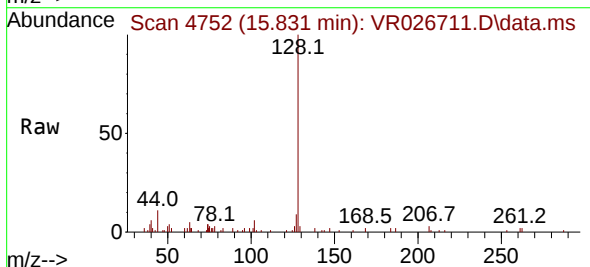
RT: 15.831 min Scan# 4752

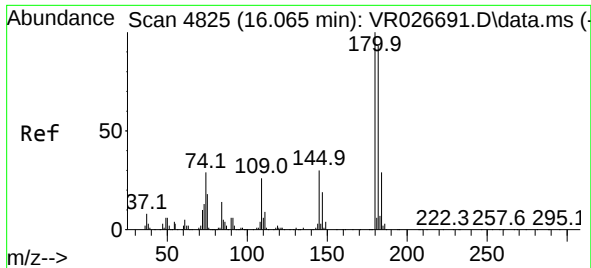
Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Tgt Ion:	128	Resp:	39936
Ion Ratio	Lower	Upper	
128	100		
127	11.9	9.8	14.8
129	5.9	8.6	13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 2.611 ug/l
 RT: 16.058 min Scan# 4825
 Delta R.T. -0.006 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Instrument : MSVOA_R
 ClientSampleId : MDL05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	23.2	47.2	141.6
145	17.5	15.5	46.5

Manual Integrations
 APPROVED

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

